

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017681.D
 Acq On : 18 Dec 2020 17:17
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_w/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/21/2020 11:59:24 AM

Quant Time: Dec 19 00:14:35 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.951	168	196764	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	327071	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	294010	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	152220	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	119219	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	7.884	113	106691	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
50) Toluene-d8	10.323	98	412396	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
62) 4-Bromofluorobenzene	12.621	95	154416	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	
Target Compounds						
2) Dichlorodifluoromethane	2.013	85	81259	52.64	ug/l	99
3) Chloromethane	2.215	50	68298	39.30	ug/l	99
4) Vinyl Chloride	2.367	62	126856	50.34	ug/l	99
5) Bromomethane	2.782	94	106511	54.96	ug/l	97
6) Chloroethane	2.928	64	85084	54.03	ug/l	99
7) Trichlorofluoromethane	3.269	101	110082	55.22	ug/l	99
8) Diethyl Ether	3.684	74	50285	46.02	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.068	101	106607	49.28	ug/l	88
10) Methyl Iodide	4.281	142	151117	47.44	ug/l	92
11) Tert butyl alcohol	5.184	59	35501	207.99	ug/l	# 86
12) 1,1-Dichloroethene	4.044	96	103813	46.72	ug/l	# 82
13) Acrolein	3.897	56	38005	263.28	ug/l	100
14) Allyl chloride	4.672	41	160540	46.91	ug/l	91
15) Acrylonitrile	5.367	53	117911	243.65	ug/l	97
16) Acetone	4.123	43	108020	207.13	ug/l	99
17) Carbon Disulfide	4.391	76	294914	45.39	ug/l	99
18) Methyl Acetate	4.678	43	50625	47.76	ug/l	92
19) Methyl tert-butyl Ether	5.421	73	152507	50.73	ug/l	96
20) Methylene Chloride	4.921	84	116437	52.87	ug/l	# 84
21) trans-1,2-Dichloroethene	5.427	96	118847	48.16	ug/l	86
22) Diisopropyl ether	6.318	45	307032	49.16	ug/l	94
23) Vinyl Acetate	6.257	43	1018919	242.39	ug/l	95
24) 1,1-Dichloroethane	6.220	63	210852	49.73	ug/l	97
25) 2-Butanone	7.171	43	149921	215.89	ug/l	92
26) 2,2-Dichloropropane	7.171	77	133272	50.86	ug/l	96
27) cis-1,2-Dichloroethene	7.171	96	131255	49.78	ug/l	89
28) Bromochloromethane	7.519	49	92372	51.23	ug/l	# 75
29) Tetrahydrofuran	7.531	42	95820	245.31	ug/l	91
30) Chloroform	7.677	83	217735	50.56	ug/l	97
31) Cyclohexane	7.957	56	192666	46.55	ug/l	92
32) 1,1,1-Trichloroethane	7.872	97	187463	50.93	ug/l	95
36) 1,1-Dichloropropene	8.086	75	177145	51.73	ug/l	95
37) Ethyl Acetate	7.250	43	71250	49.79	ug/l	96
38) Carbon Tetrachloride	8.073	117	176225	51.21	ug/l	92
39) Methylcyclohexane	9.335	83	224592	51.78	ug/l	91
40) Benzene	8.323	78	469302	51.74	ug/l	99
41) Methacrylonitrile	7.488	41	43410	53.70	ug/l	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	150728	54.57	ug/l	94
43) Isopropyl Acetate	8.427	43	135259	50.38	ug/l	94
44) Trichloroethene	9.091	130	129568	51.78	ug/l	84
45) 1,2-Dichloropropane	9.372	63	115038	51.39	ug/l	97
46) Dibromomethane	9.463	93	66694	53.25	ug/l #	86
47) Bromodichloromethane	9.646	83	167893	52.60	ug/l	96
48) Methyl methacrylate	9.439	41	67947	51.58	ug/l	88
49) 1,4-Dioxane	9.457	88	16531	1067.04	ug/l #	97
51) 4-Methyl-2-Pentanone	10.213	43	339565	254.12	ug/l	92
52) Toluene	10.390	92	311546	52.52	ug/l	98
53) t-1,3-Dichloropropene	10.609	75	164659	50.41	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	188830	49.99	ug/l #	87
55) 1,1,2-Trichloroethane	10.786	97	88690	52.95	ug/l	96
56) Ethyl methacrylate	10.646	69	112087	51.80	ug/l #	86
57) 1,3-Dichloropropane	10.933	76	154912	52.36	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	266212	257.34	ug/l	93
59) 2-Hexanone	10.969	43	223609	250.13	ug/l	96
60) Dibromochloromethane	11.128	129	106380	50.76	ug/l	98
61) 1,2-Dibromoethane	11.237	107	87215	52.69	ug/l	98
64) Tetrachloroethene	10.866	164	102460	51.10	ug/l	93
65) Chlorobenzene	11.658	112	326989	51.72	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	114030	50.85	ug/l	99
67) Ethyl Benzene	11.731	91	612038	52.11	ug/l	98
68) m/p-Xylenes	11.841	106	466602	104.19	ug/l	96
69) o-Xylene	12.164	106	220455	52.19	ug/l	98
70) Styrene	12.182	104	371343	52.65	ug/l	97
71) Bromoform	12.353	173	58122	48.49	ug/l #	99
73) Isopropylbenzene	12.463	105	608555	50.56	ug/l	99
74) N-ethyl acetate	12.274	43	120391	47.69	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.719	83	102821	51.21	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	84017m	57.34	ug/l	
77) Bromobenzene	12.749	156	127805	49.58	ug/l	80
78) n-propylbenzene	12.804	91	735276	51.45	ug/l	98
79) 2-Chlorotoluene	12.896	91	415460	52.15	ug/l	94
80) 1,3,5-Trimethylbenzene	12.944	105	517530	50.80	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.512	75	32455	44.88	ug/l	92
82) 4-Chlorotoluene	12.987	91	425956	50.65	ug/l	97
83) tert-Butylbenzene	13.207	119	442482	50.79	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	515896	51.42	ug/l	98
85) sec-Butylbenzene	13.383	105	641974	52.47	ug/l	98
86) p-Isopropyltoluene	13.499	119	582143	52.71	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	269640	52.48	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	261562	51.29	ug/l	96
89) n-Butylbenzene	13.822	91	572156	52.71	ug/l	98
90) Hexachloroethane	14.097	117	106936	49.28	ug/l	81
91) 1,2-Dichlorobenzene	13.871	146	240813	52.73	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	18354	50.24	ug/l	81
93) 1,2,4-Trichlorobenzene	15.133	180	150995	51.68	ug/l	98
94) Hexachlorobutadiene	15.237	225	82798	53.92	ug/l	99
95) Naphthalene	15.365	128	310009	51.88	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	131148	51.89	ug/l	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050EC

Manual Integrations

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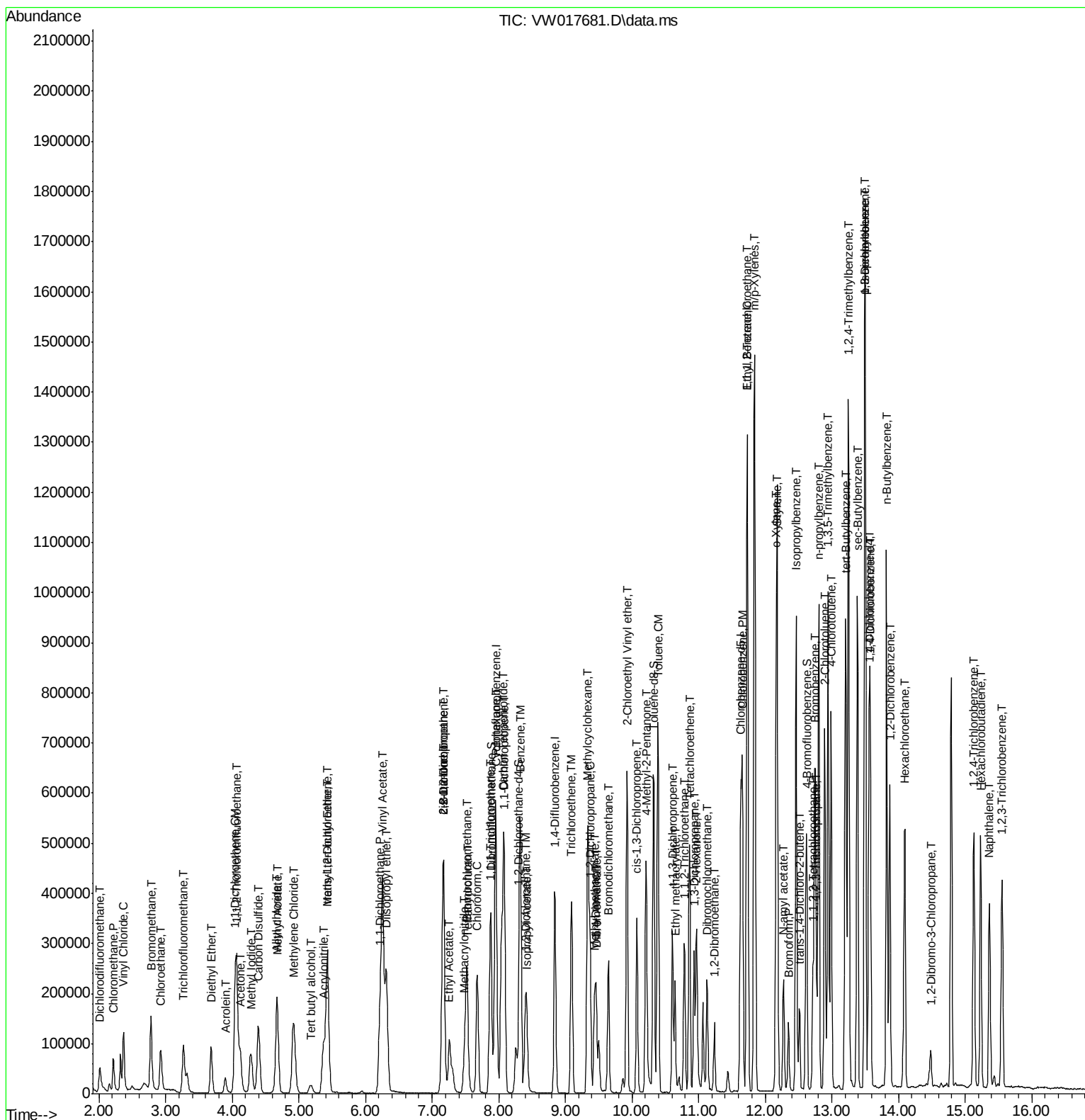
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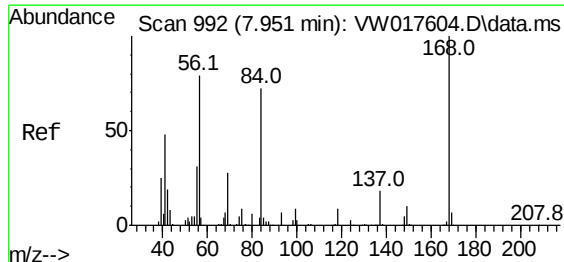
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Manual Integrations
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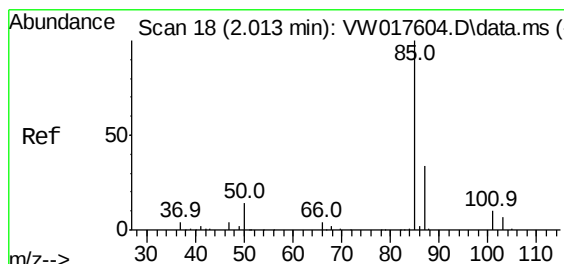
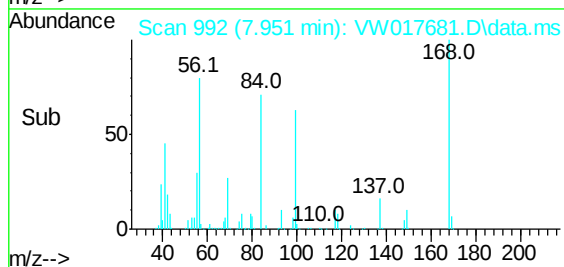
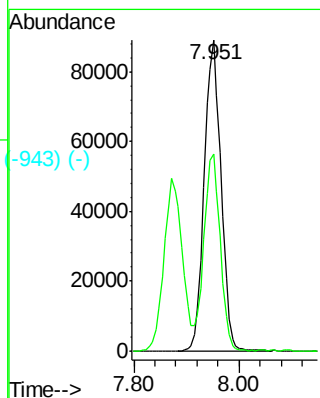
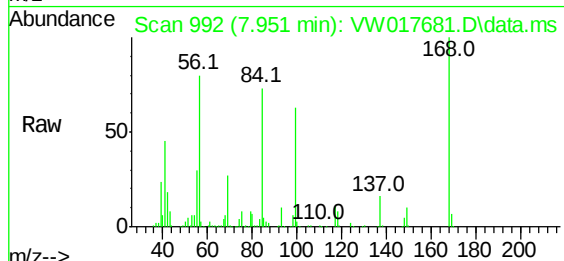
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 168 Resp: 196764
Ion Ratio Lower Upper
168 100
99 63.3 40.7 61.1#

Instrument :
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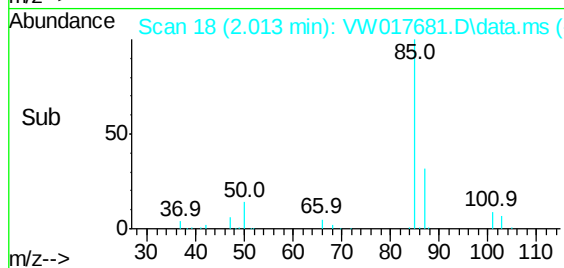
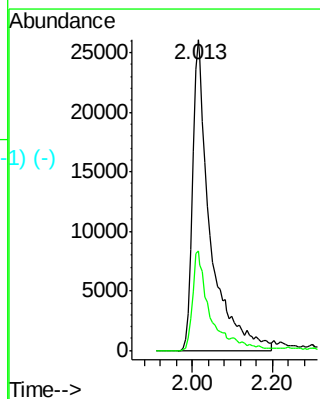
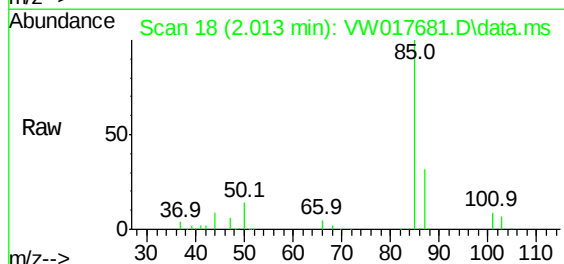
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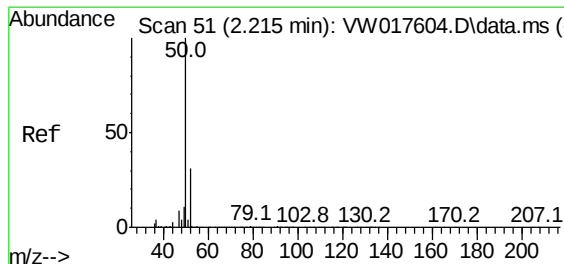
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Dichlorodifluoromethane
Concen: 52.64 ug/l
RT: 2.013 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 85 Resp: 81259
Ion Ratio Lower Upper
85 100
87 32.2 16.3 48.9





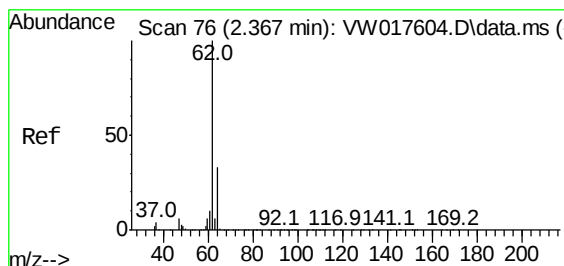
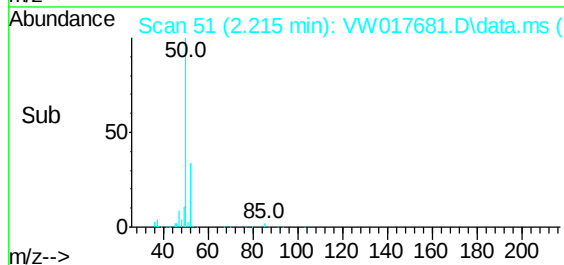
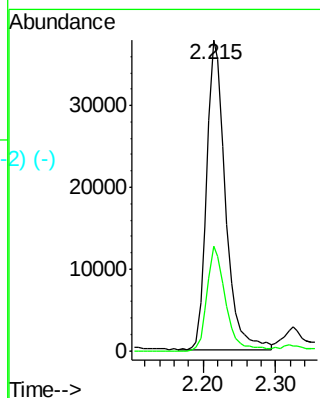
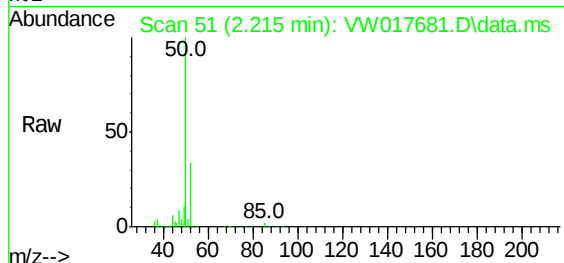
Chloromethane
Concen: 39.30 ug/l
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 50 Resp: 68298
Ion Ratio Lower Upper
50 100
52 33.9 27.6 41.4

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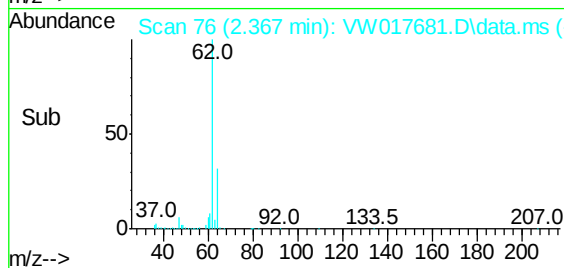
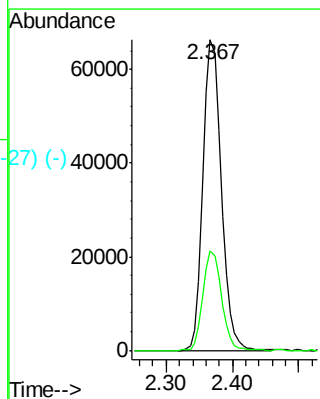
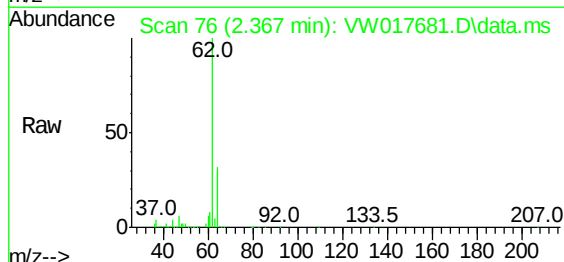
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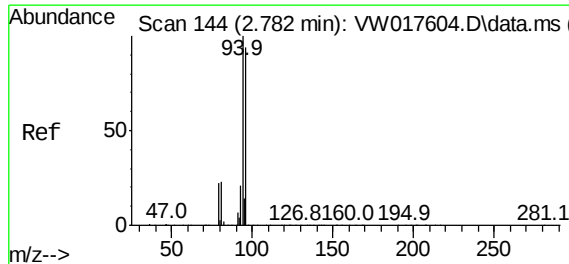
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Vinyl Chloride
Concen: 50.34 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017681.D
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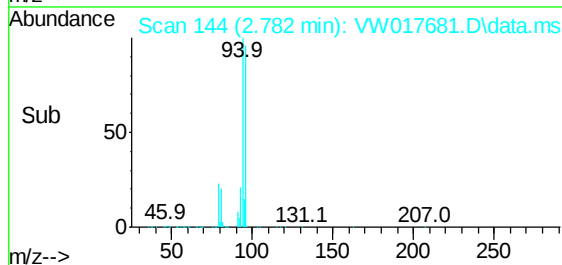
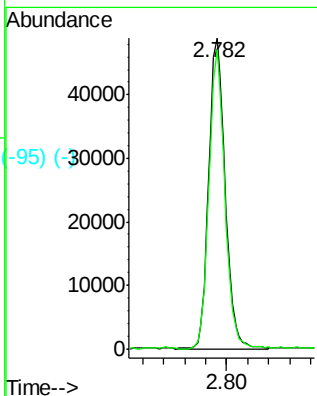
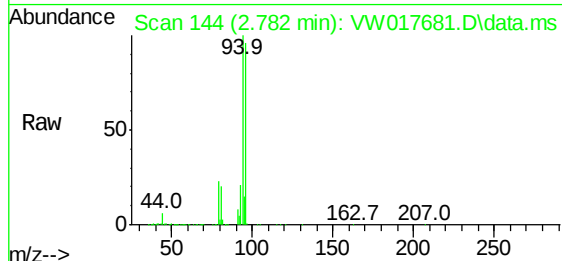
Tgt Ion: 62 Resp: 126856
Ion Ratio Lower Upper
62 100
64 32.0 25.0 37.4





Bromomethane
Concen: 54.96 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

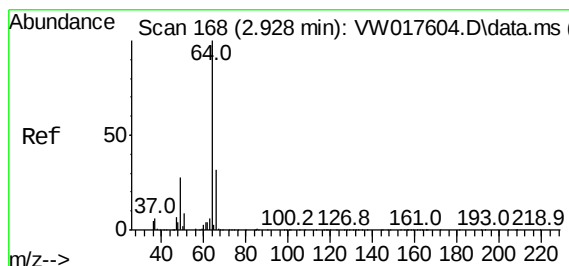
Tgt Ion: 94 Resp: 106511
Ion Ratio Lower Upper
94 100
96 96.1 74.7 112.1



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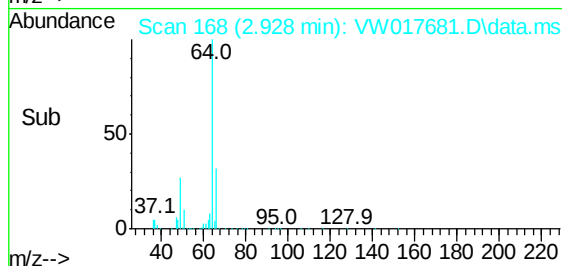
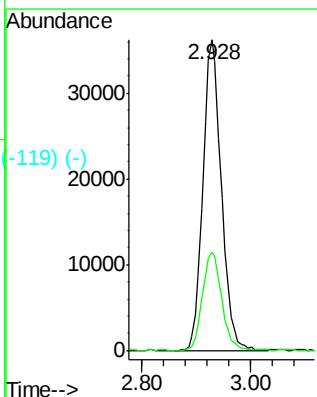
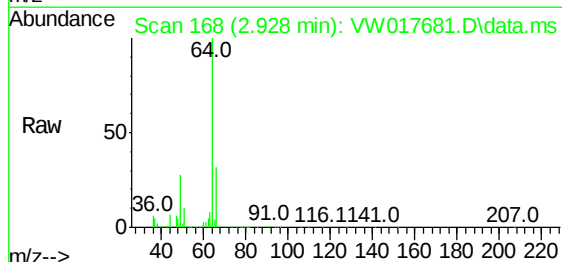
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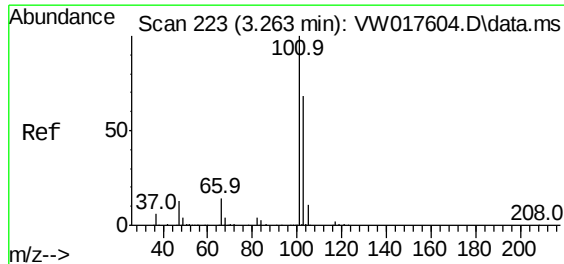
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Chloroethane
Concen: 54.03 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 64 Resp: 85084
Ion Ratio Lower Upper
64 100
66 31.7 25.0 37.6



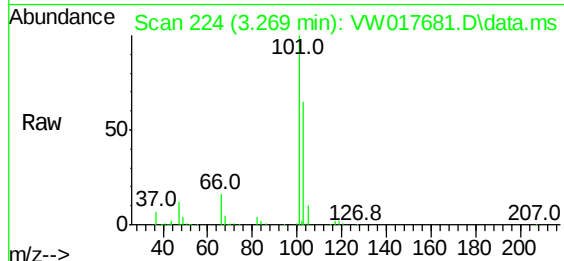


Trichlorofluoromethane
 Concen: 55.22 ug/l
 RT: 3.269 min Scan# 224
 Delta R.T. 0.006 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

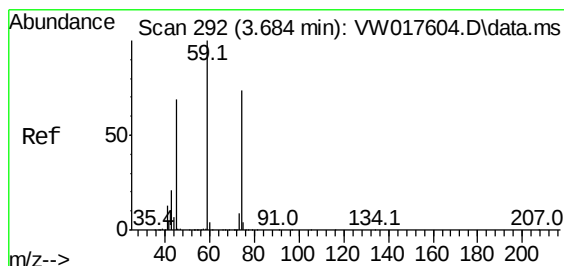
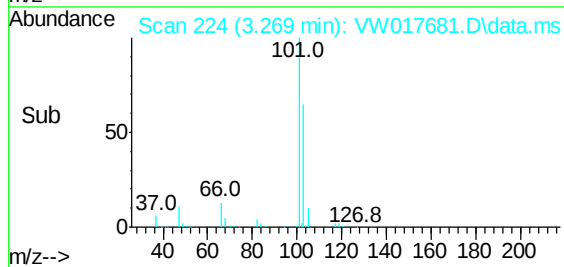
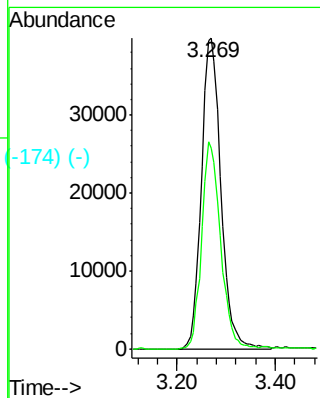
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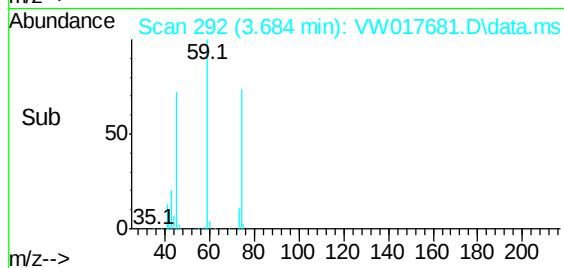
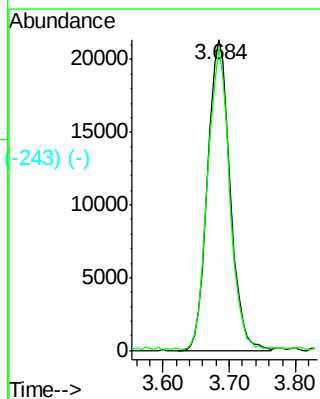
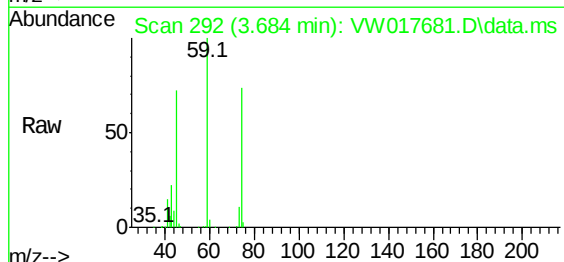


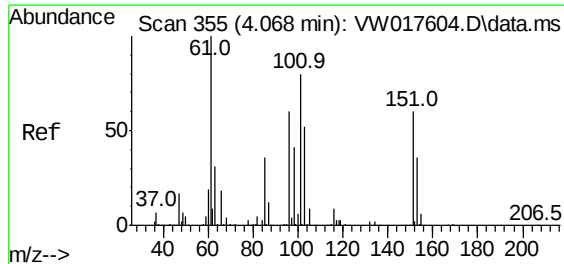
Tgt Ion:101 Resp: 110082
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.6 79.0



Diethyl Ether
 Concen: 46.02 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

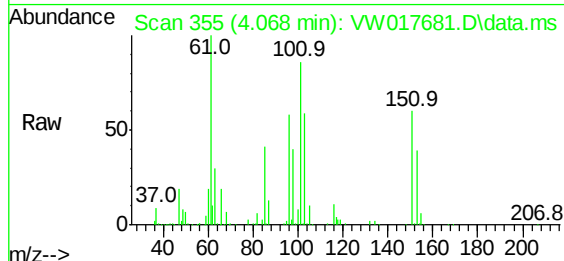
Tgt Ion: 74 Resp: 50285
 Ion Ratio Lower Upper
 74 100
 45 94.9 41.1 123.4





#1 (-)
1,1,2-Trichlorotrifluoroethane
Concen: 49.28 ug/l
RT: 4.068 min Scan# 355
Delta R.T. -0.000 min
Lab File: Vw017681.D
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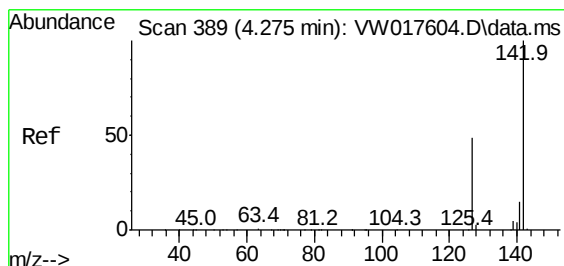
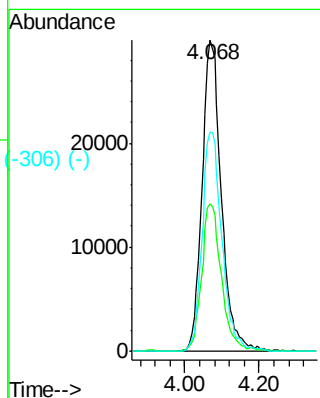
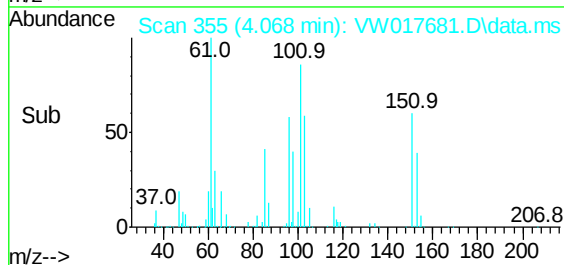
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ClientSampleId :
VSTDCCC050EC



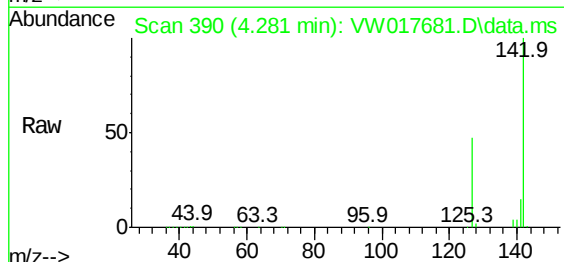
Tgt Ion:101 Resp: 106607
Ion Ratio Lower Upper
101 100
85 48.4 33.2 49.8
151 72.5 66.6 100.0

Manual Integrations
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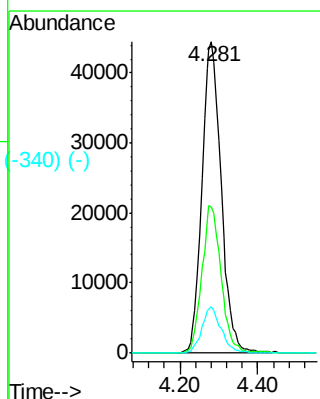
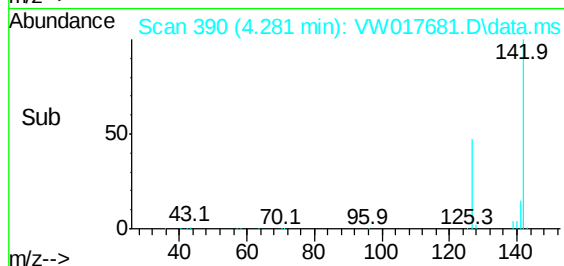
MMDadoda
12/21/2020 11:59:24 AM

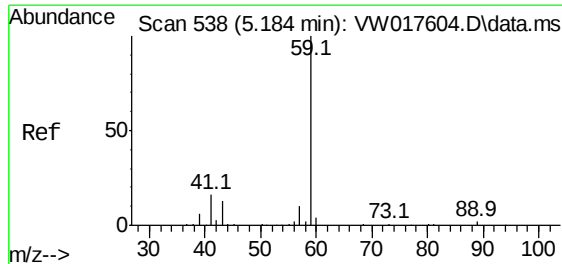


#2 (-)
Methyl Iodide
Concen: 47.44 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: Vw017681.D
Acq: 18 Dec 2020 17:17



Tgt Ion:142 Resp: 151117
Ion Ratio Lower Upper
142 100
127 47.1 32.4 48.6
141 14.4 11.4 17.0





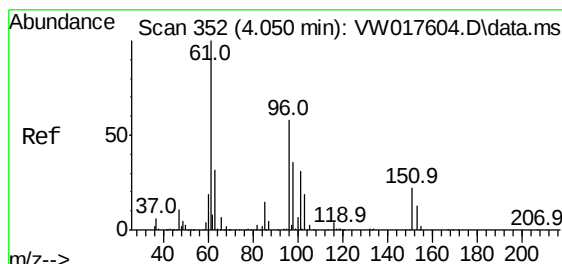
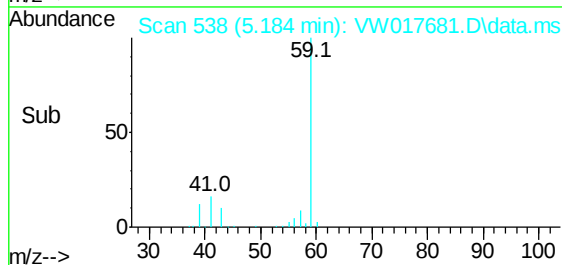
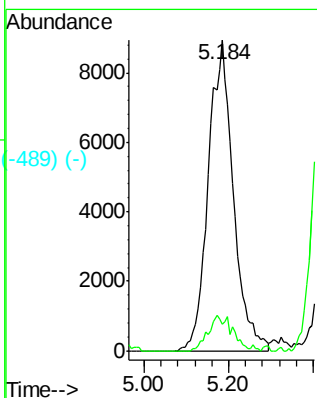
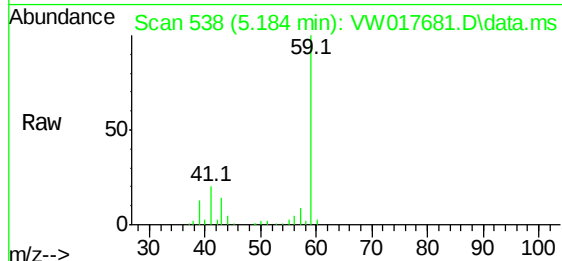
Tert butyl alcohol
 Concen: 207.99 ug/l
 RT: 5.184 min Scan# 538
 Delta R.T. -0.000 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion: 59 Resp: 35501
 Ion Ratio Lower Upper
 59 100
 57 10.7 4.7 7.1#

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

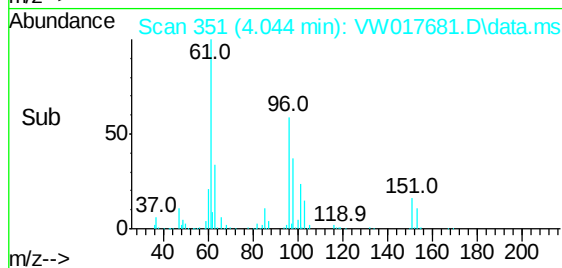
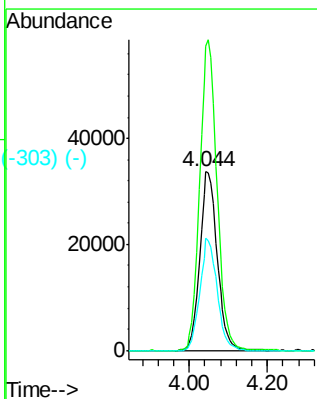
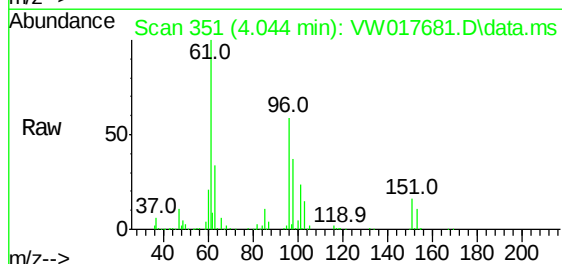
Manual Integrations
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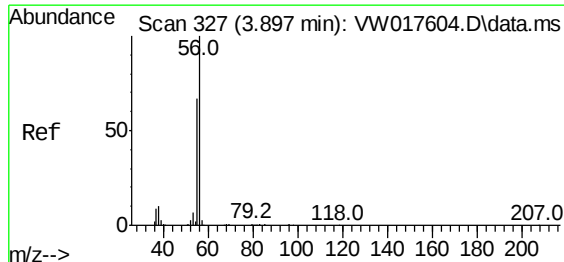
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1,1-Dichloroethene
 Concen: 46.72 ug/l
 RT: 4.044 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion: 96 Resp: 103813
 Ion Ratio Lower Upper
 96 100
 61 170.2 111.7 167.5#
 98 62.9 49.0 73.4





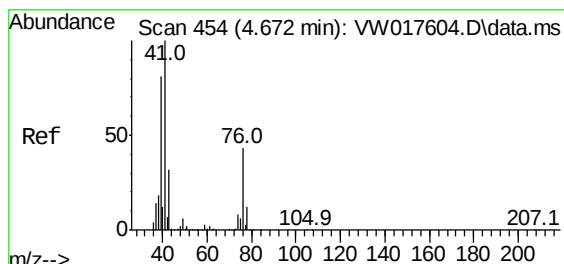
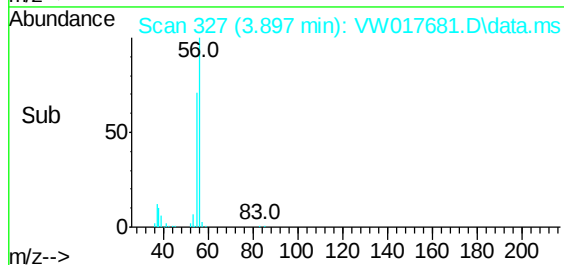
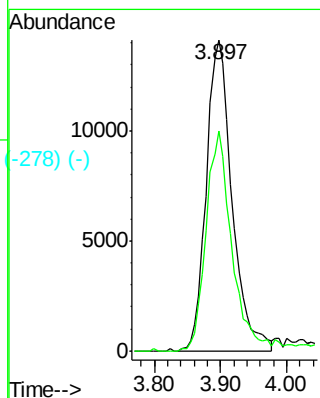
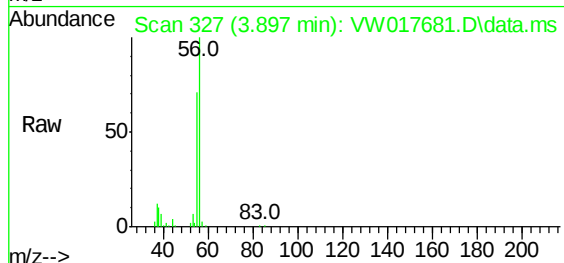
Acrolein
Concen: 263.28 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 56 Resp: 38005
Ion Ratio Lower Upper
56 100
55 70.0 55.9 83.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

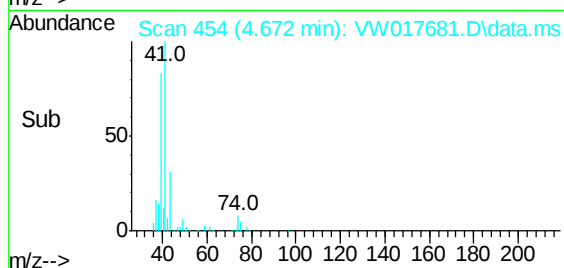
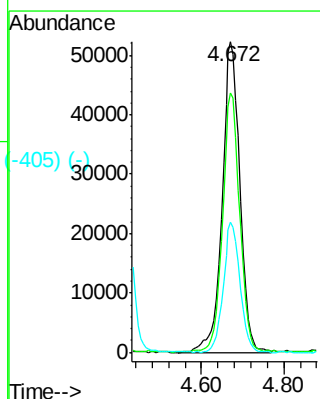
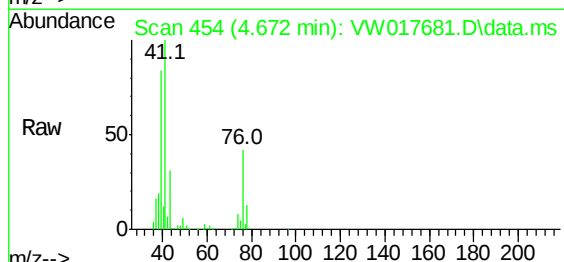
Manual Integrations
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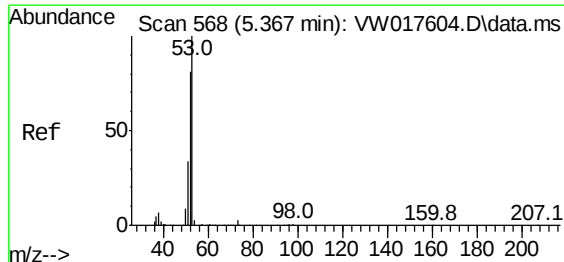
MMDadoda
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Allyl chloride
Concen: 46.91 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 41 Resp: 160540
Ion Ratio Lower Upper
41 100
39 80.8 57.8 86.8
76 39.4 35.1 52.7





Acrylonitrile
Concen: 243.65 ug/l
RT: 5.367 min Scan# 568
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

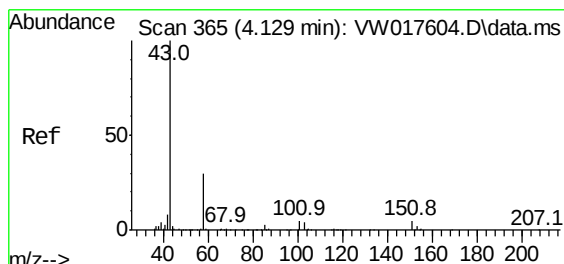
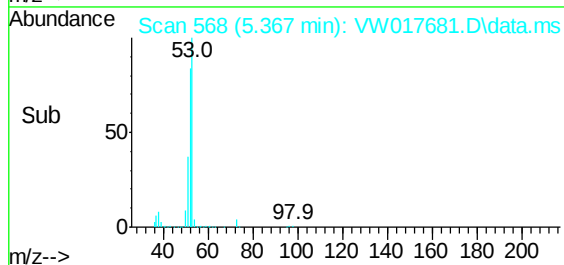
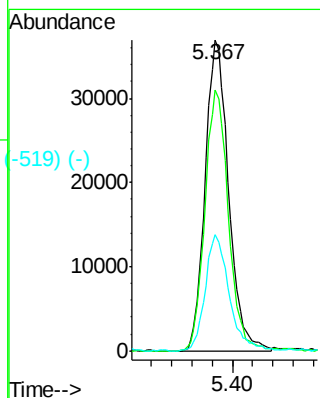
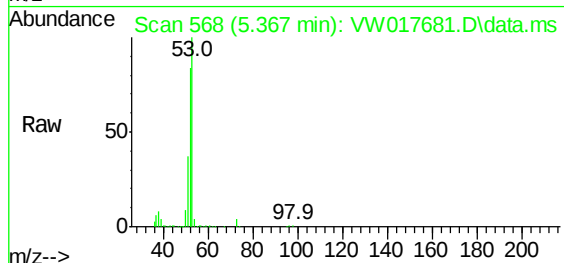
Tgt Ion: 53 Resp: 117911

Ion	Ratio	Lower	Upper
53	100		
52	83.9	65.0	97.4
51	38.1	29.1	43.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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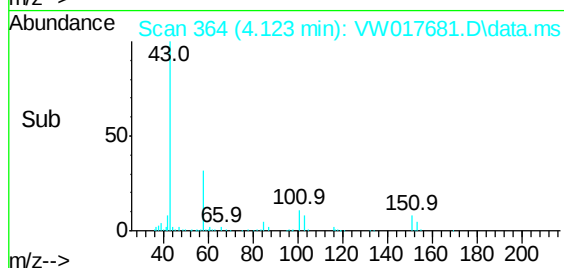
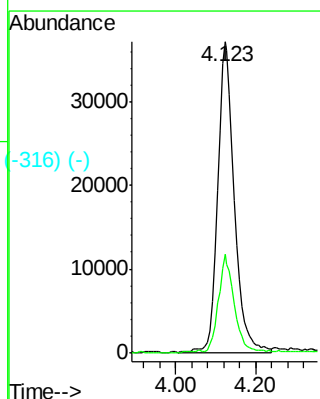
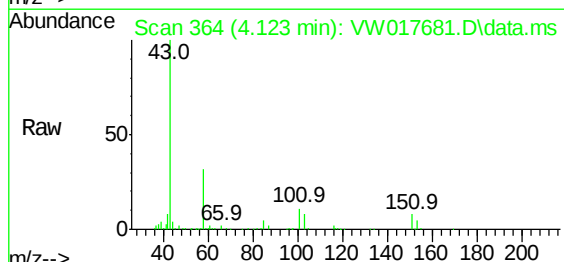
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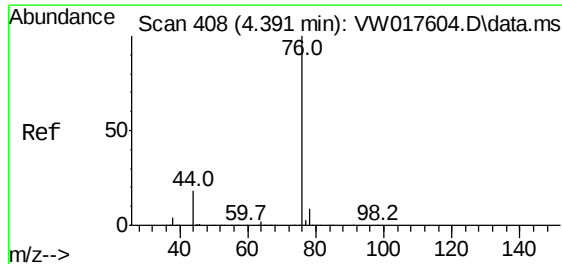


Acetone
Concen: 207.13 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 43 Resp: 108020

Ion	Ratio	Lower	Upper
43	100		
58	31.6	25.7	38.5





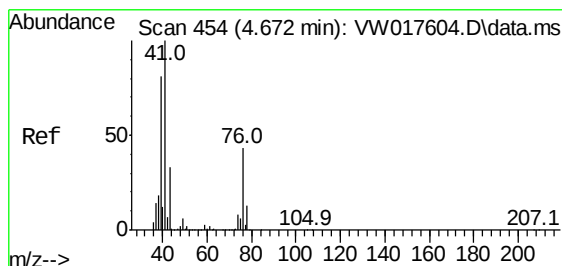
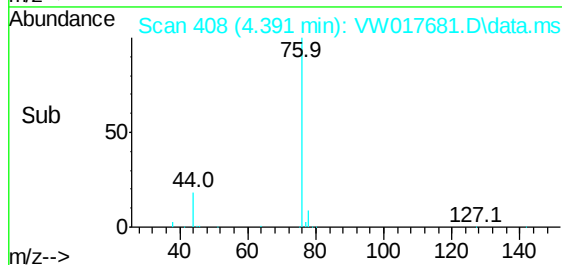
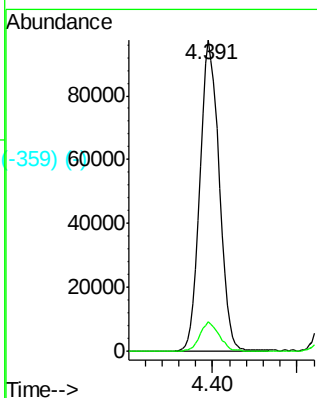
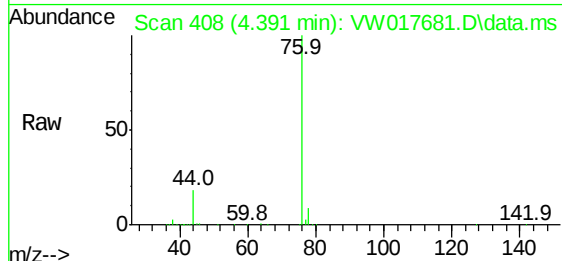
Carbon Disulfide
Concen: 45.39 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 76 Resp: 294914
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

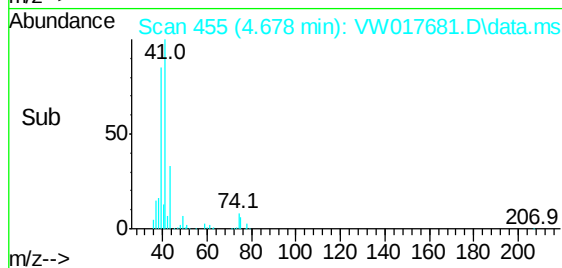
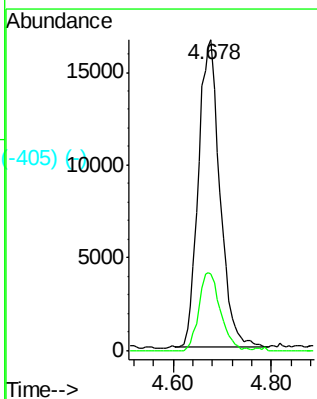
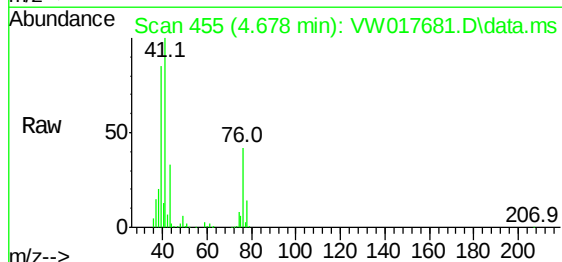
Manual Integrations
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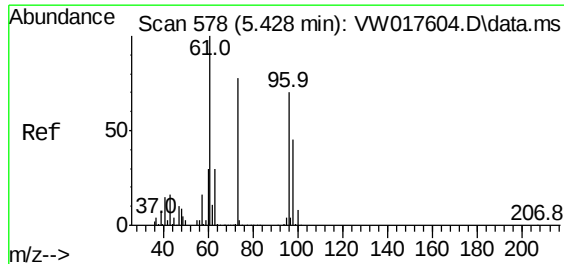
MMDadoda
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Methyl Acetate
Concen: 47.76 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 43 Resp: 50625
Ion Ratio Lower Upper
43 100
74 25.3 23.8 35.6





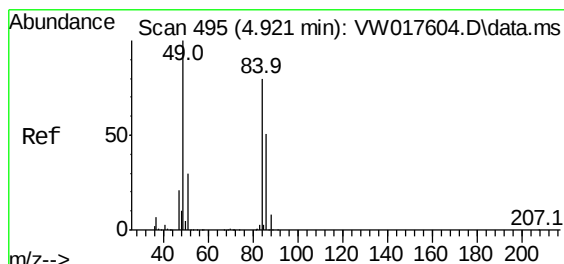
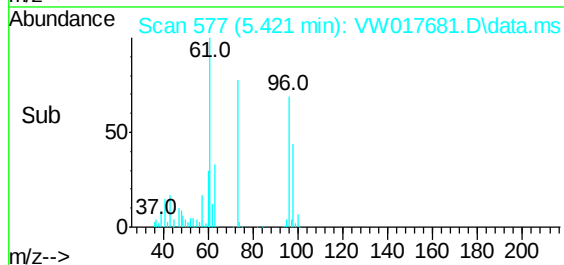
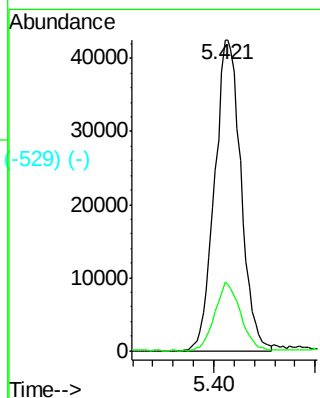
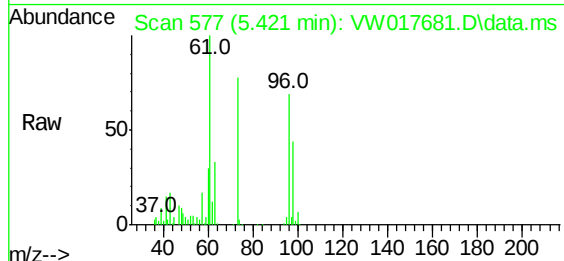
#562 (-)
Methyl tert-butyl Ether
Concen: 50.73 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.007 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 73 Resp: 152507
Ion Ratio Lower Upper
73 100
57 22.0 16.1 24.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

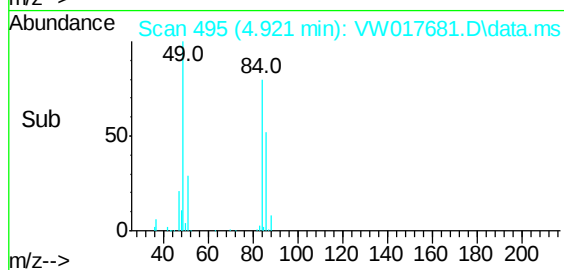
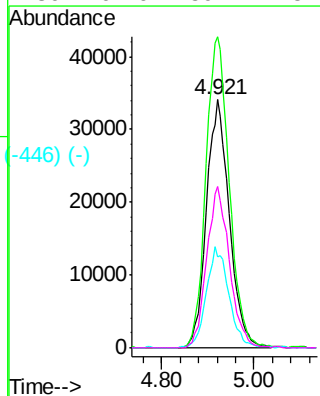
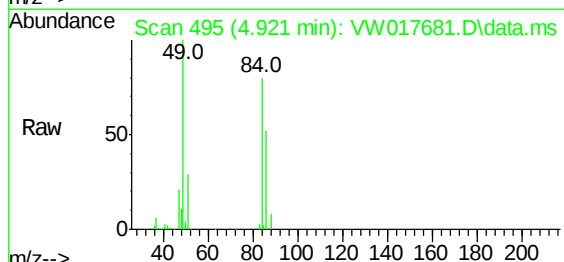
Manual Integrations
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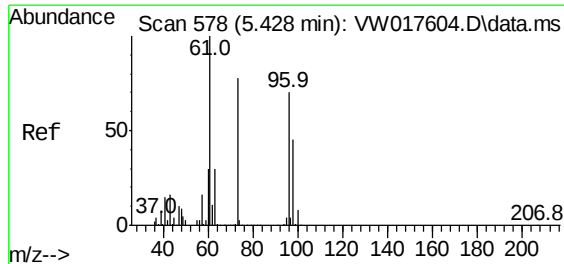
MMDadoda
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#439 (-)
Methylene Chloride
Concen: 52.87 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 84 Resp: 116437
Ion Ratio Lower Upper
84 100
49 125.6 79.0 118.6#
51 36.4 26.1 39.1
86 64.9 50.1 75.1





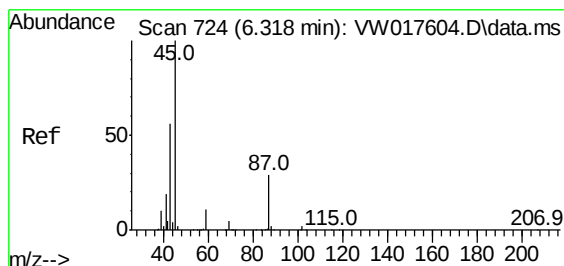
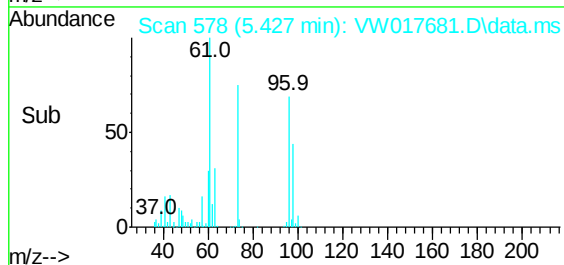
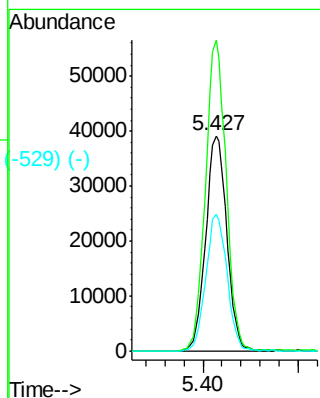
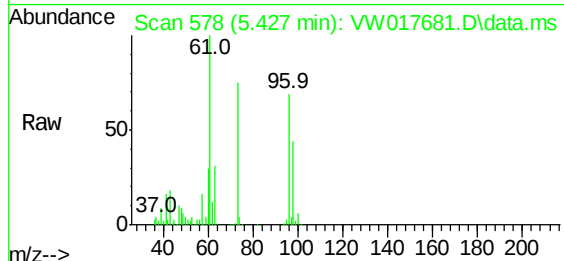
trans-1,2-Dichloroethene
Concen: 48.16 ug/l
RT: 5.427 min Scan# 578
Delta R.T. -0.001 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 118847
Ion Ratio Lower Upper
96 100
61 144.6 97.4 146.0
98 63.7 49.4 74.0

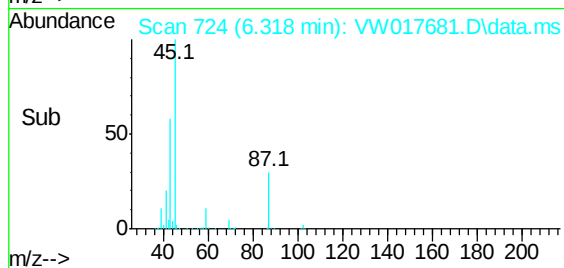
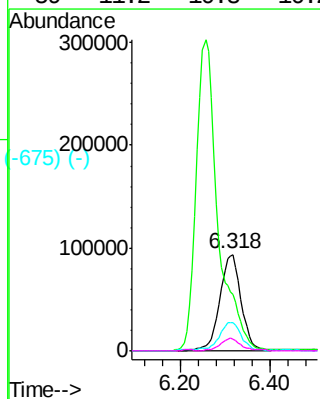
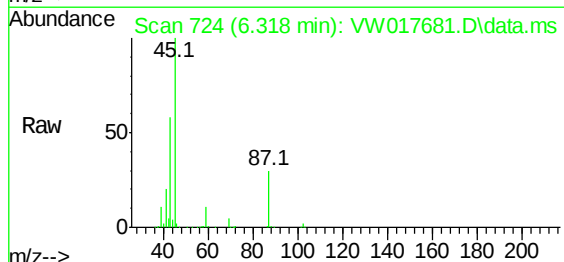
Manual Integrations
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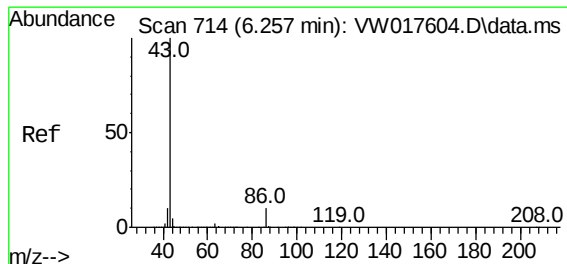
MMDadoda
12/21/2020 11:59:24 AM



Diisopropyl ether
Concen: 49.16 ug/l
RT: 6.318 min Scan# 724
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 45 Resp: 307032
Ion Ratio Lower Upper
45 100
43 57.4 43.8 65.8
87 29.3 27.6 41.4
59 11.2 10.8 16.2



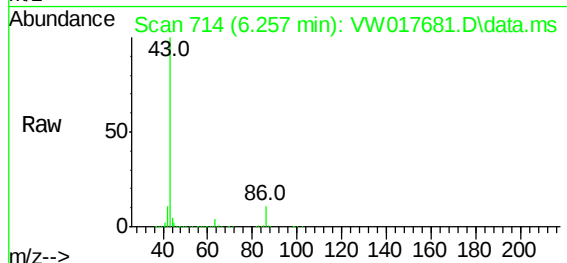


#23 (-)
Vinyl Acetate
Concen: 242.39 ug/l
RT: 6.257 min Scan# 714
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

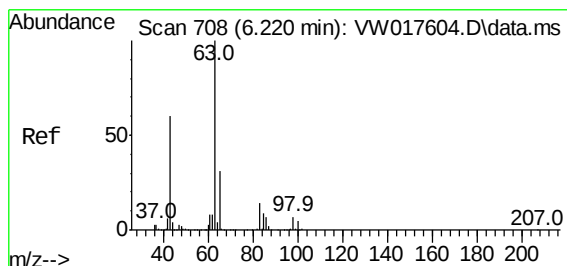
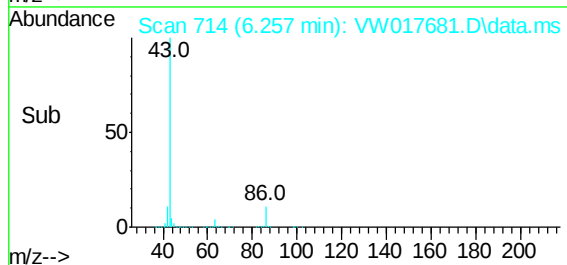
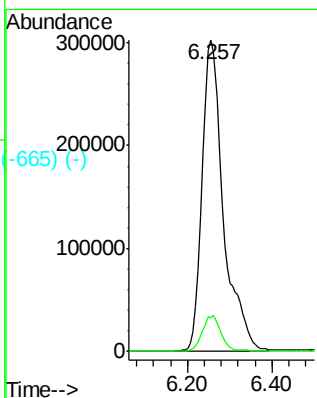
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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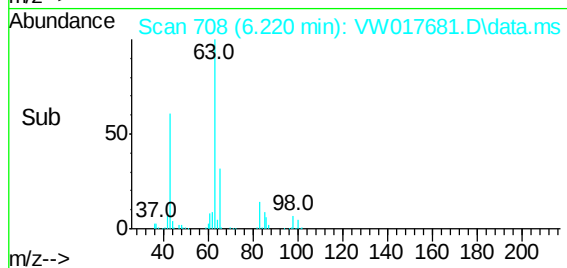
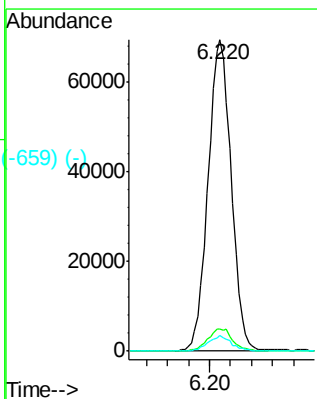
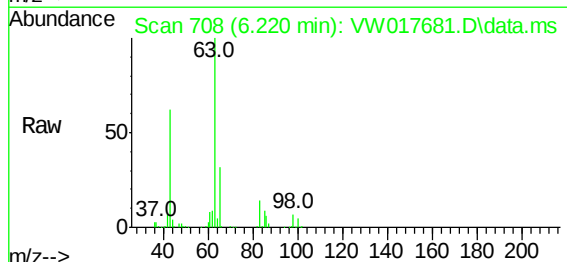


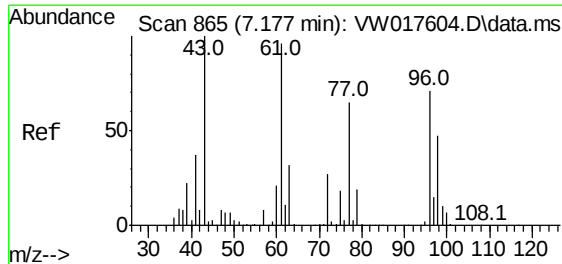
Tgt Ion: 43 Resp: 1018919
Ion Ratio Lower Upper
43 100
86 10.8 10.2 15.4



#24 (-)
1,1-Dichloroethane
Concen: 49.73 ug/l
RT: 6.220 min Scan# 708
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 63 Resp: 210852
Ion Ratio Lower Upper
63 100
98 6.9 4.2 12.6
100 4.8 2.6 7.8





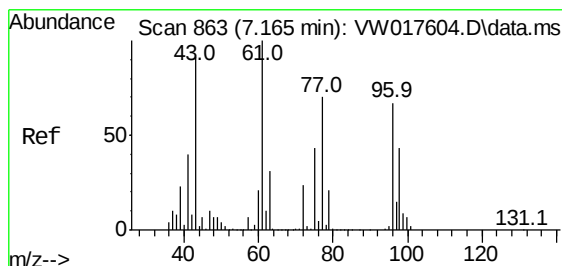
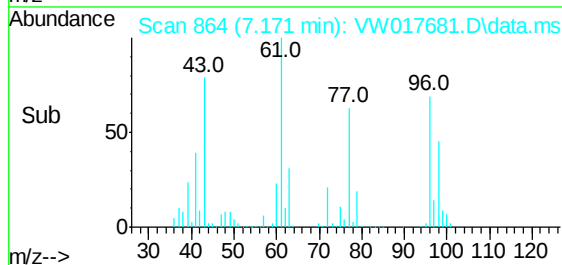
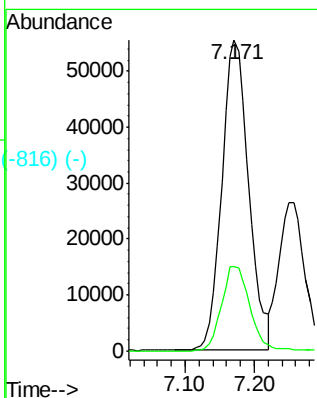
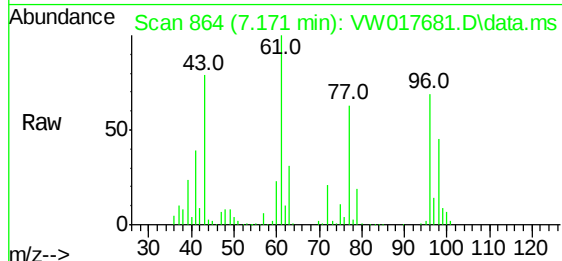
2-Butanone
Concen: 215.89 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 149921
Ion Ratio Lower Upper
43 100
72 27.2 25.4 38.2

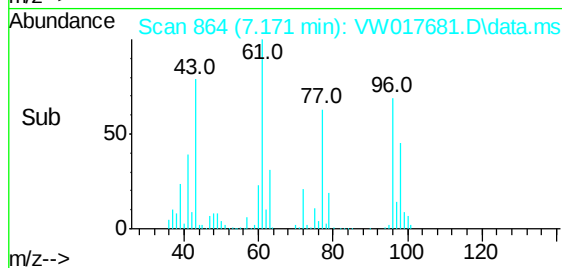
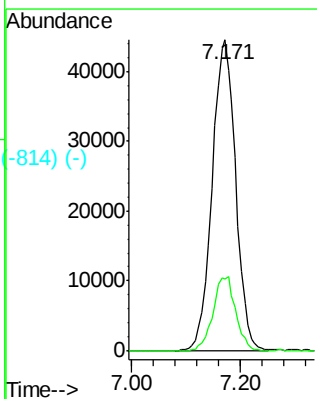
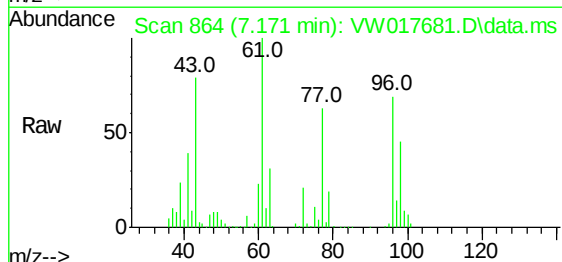
Manual Integrations
APPROVED

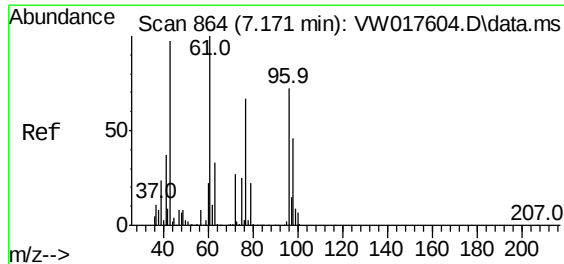
MMDadoda
12/21/2020 11:59:24 AM



2,2-Dichloropropane
Concen: 50.86 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 77 Resp: 133272
Ion Ratio Lower Upper
77 100
97 22.8 12.4 37.4





cis-1,2-Dichloroethene
Concen: 49.78 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

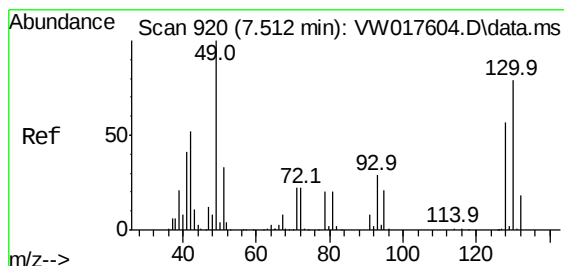
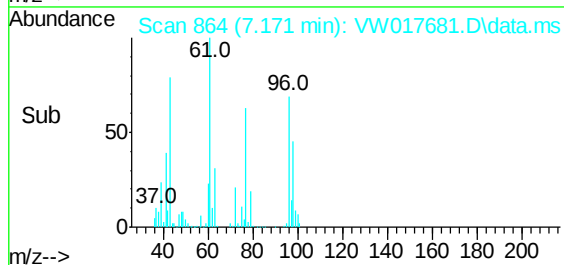
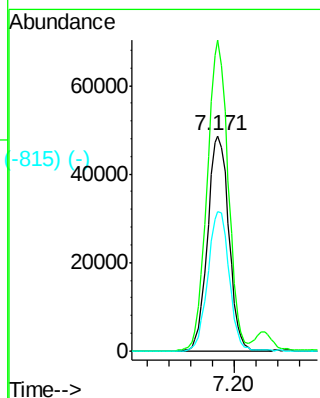
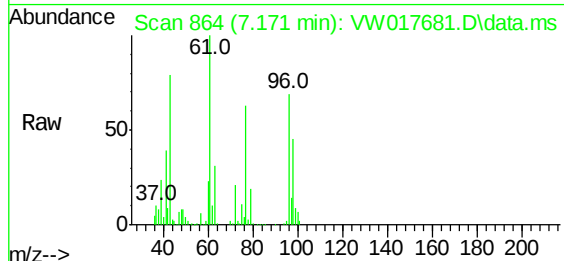
Tgt Ion: 96 Resp: 131255

Ion	Ratio	Lower	Upper
96	100		
61	143.7	0.0	249.6
98	64.9	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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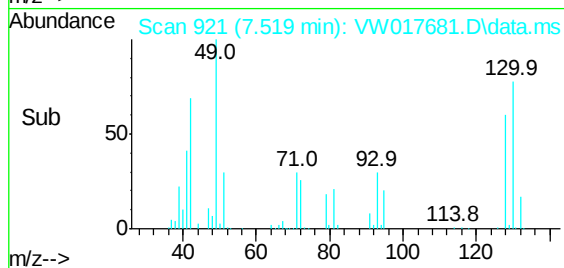
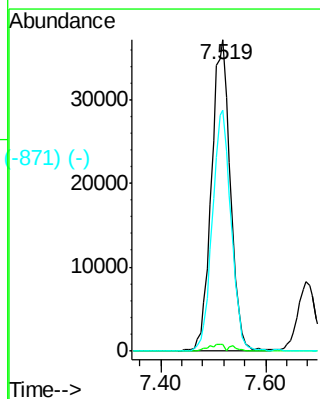
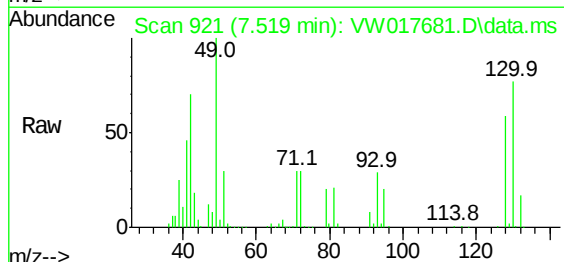
MMDadoda
12/21/2020 11:59:24 AM

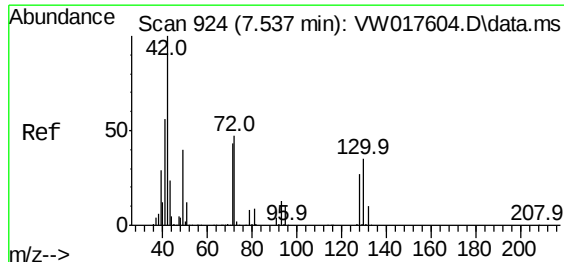


Bromochloromethane
Concen: 51.23 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.007 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 49 Resp: 92372

Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.8
130	76.3	81.3	121.9#





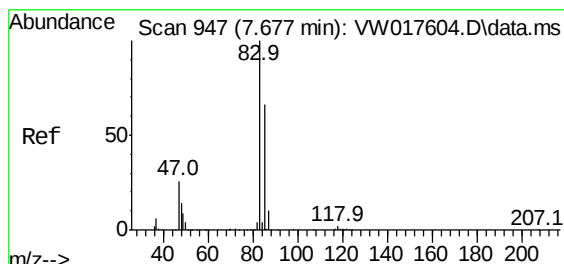
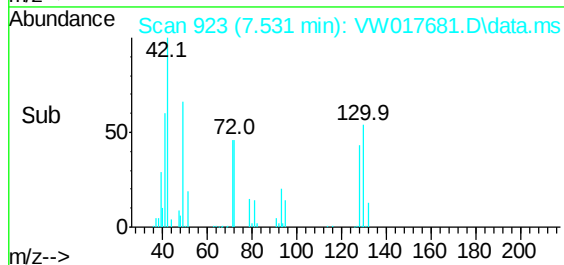
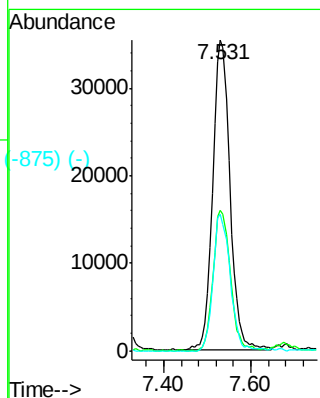
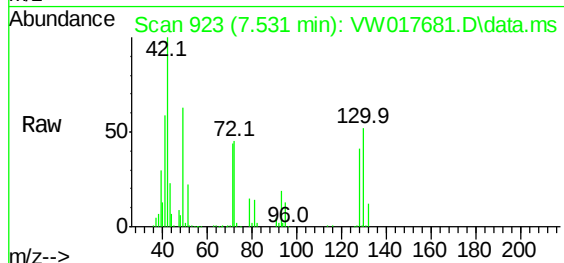
Tetrahydrofuran
Concen: 245.31 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 42 Resp: 95820
Ion Ratio Lower Upper
42 100
72 45.3 42.0 63.0
71 43.6 39.0 58.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

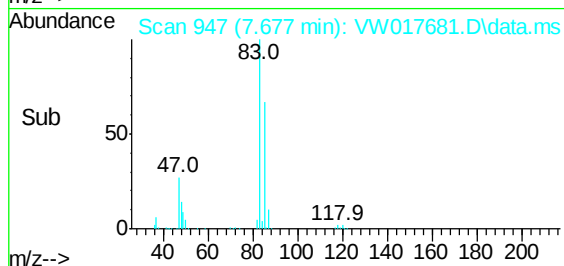
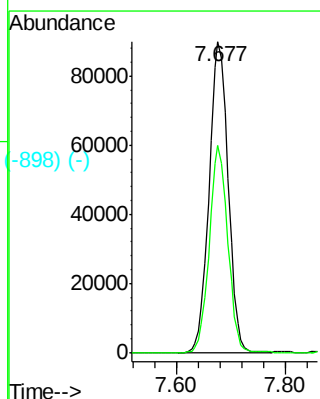
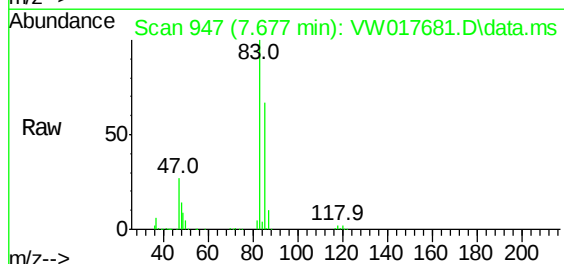
Manual Integrations
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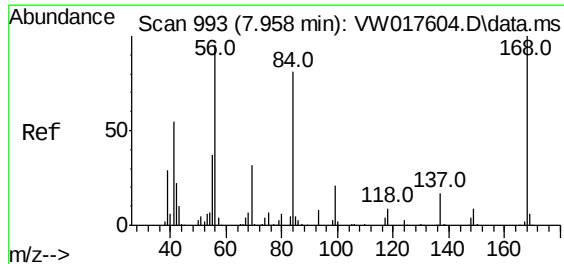
MMDadoda
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Chloroform
Concen: 50.56 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 83 Resp: 217735
Ion Ratio Lower Upper
83 100
85 66.6 51.7 77.5





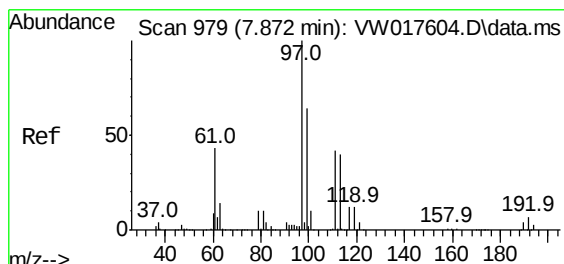
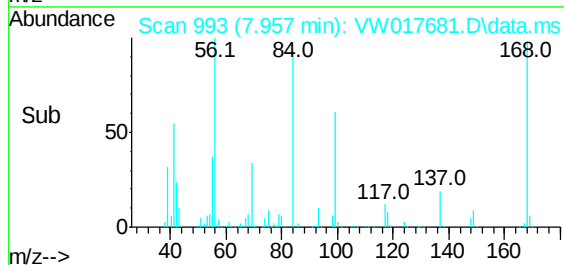
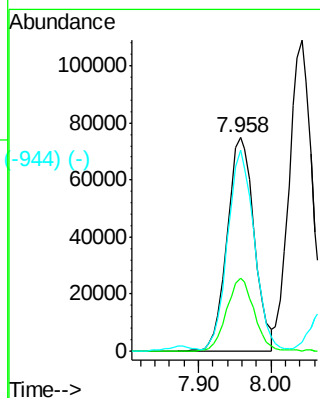
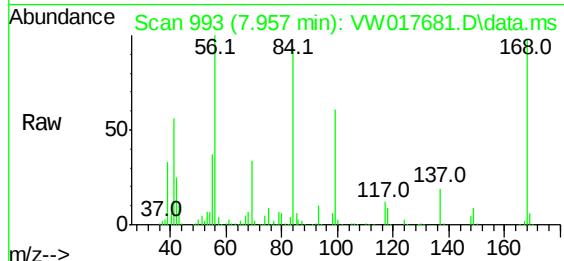
#31 (-)
Cyclohexane
Concen: 46.55 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.001 min
Lab File: Vw017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	56	Resp:	192666
Ion Ratio	Lower	Upper	
56	100		
69	34.1	29.3	43.9
84	91.8	80.5	120.7

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

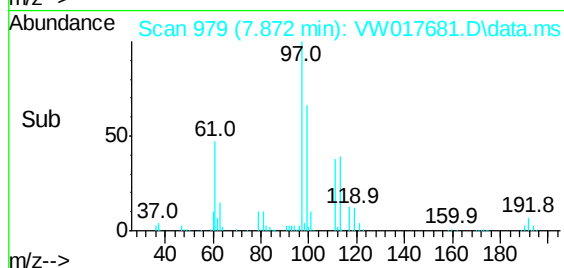
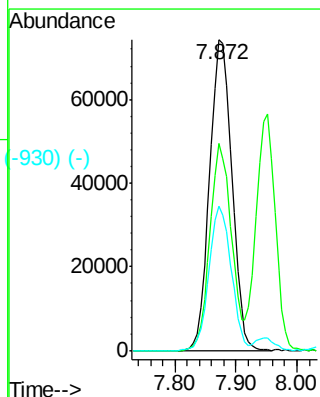
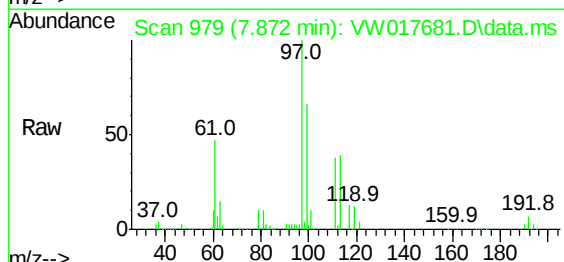
Manual Integrations
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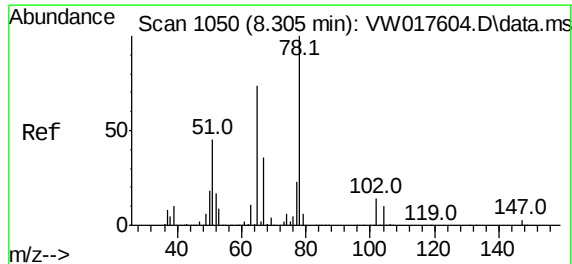
MMDadoda
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#32 (-)
1,1,1-Trichloroethane
Concen: 50.93 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: Vw017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	97	Resp:	187463
Ion Ratio	Lower	Upper	
97	100		
99	63.6	52.4	78.6
61	46.1	31.9	47.9





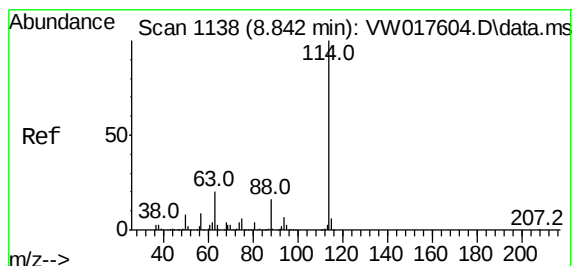
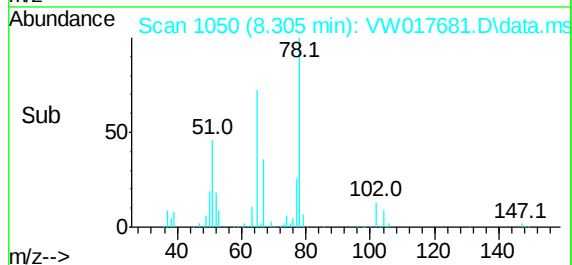
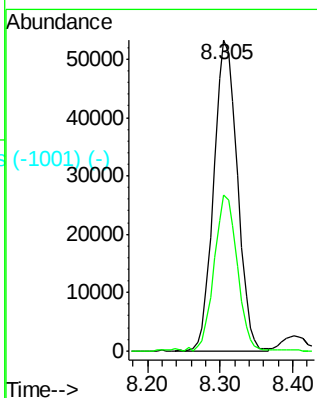
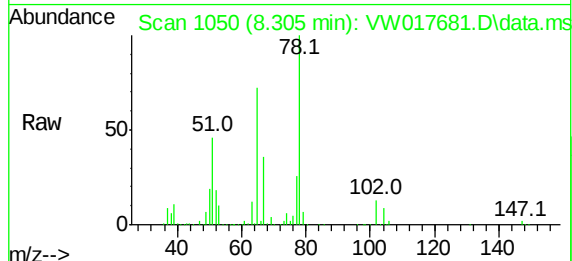
(#1050) (-)
 1,2-Dichloroethane-d4
 Concen: 49.74 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion: 65 Resp: 119219
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 103.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

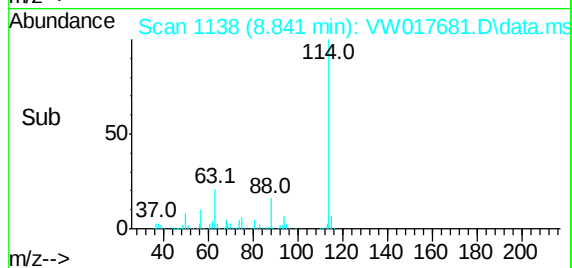
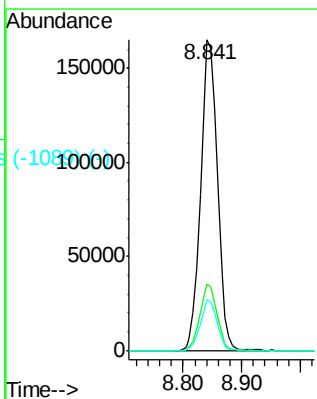
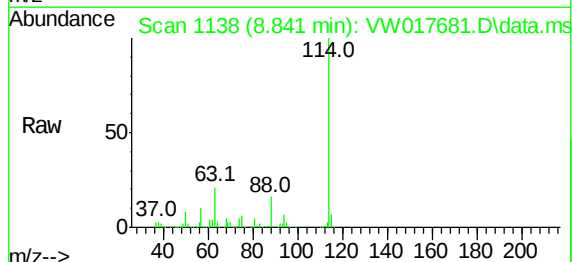
Manual Integrations
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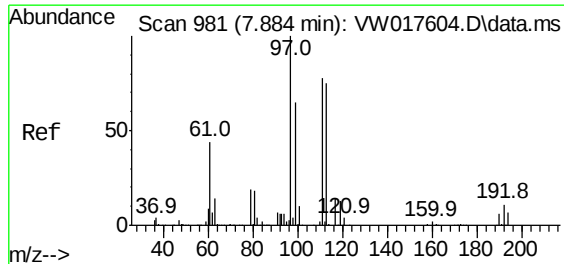
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 12/21/2020 11:59:24 AM



(#1138) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.841 min Scan# 1138
 Delta R.T. -0.001 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion:114 Resp: 327071
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 35.6
 88 16.4 0.0 30.4





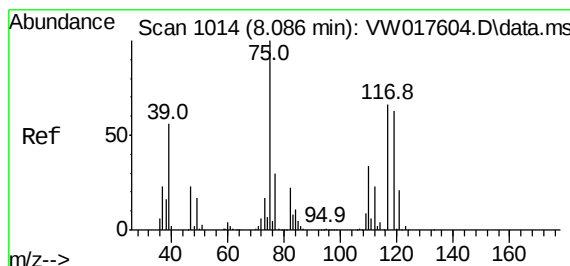
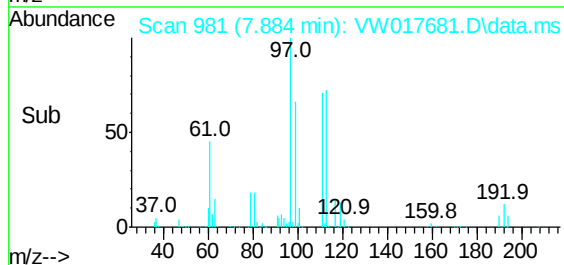
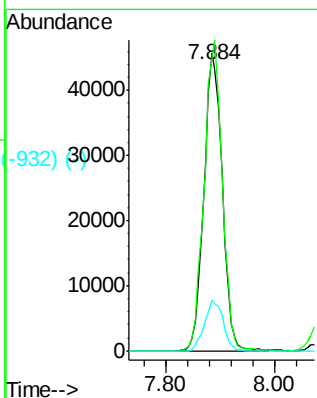
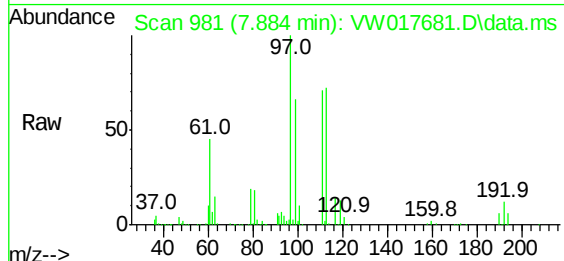
#935 (-)
Dibromofluoromethane
Concen: 49.29 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:113 Resp: 106691
Ion Ratio Lower Upper
113 100
111 103.2 81.4 122.2
192 17.1 17.8 26.8#

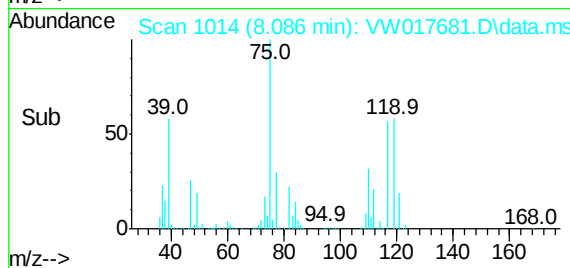
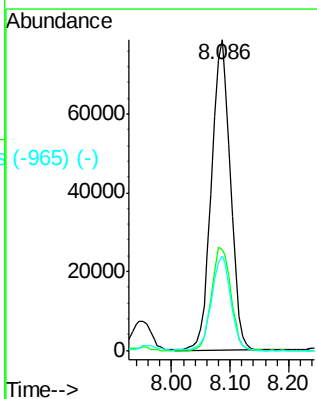
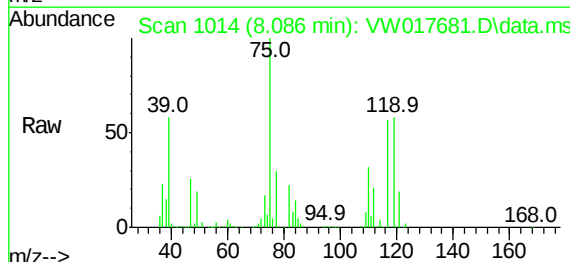
Manual Integrations
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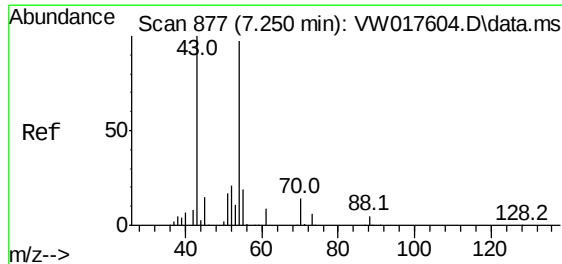
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#1001 (-)
1,1-Dichloropropene
Concen: 51.73 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 75 Resp: 177145
Ion Ratio Lower Upper
75 100
110 33.7 19.3 57.9
77 30.9 25.0 37.6





Ethyl Acetate
Concen: 49.79 ug/l
RT: 7.250 min Scan# 877
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

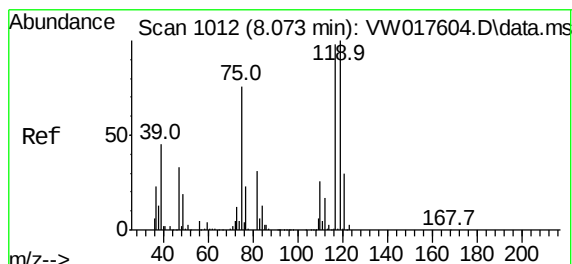
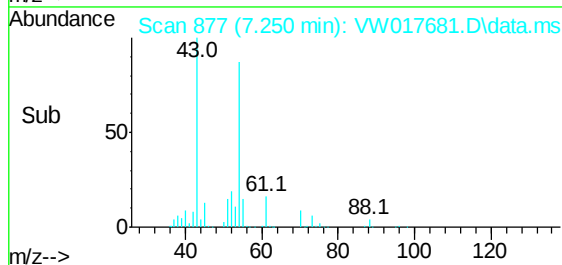
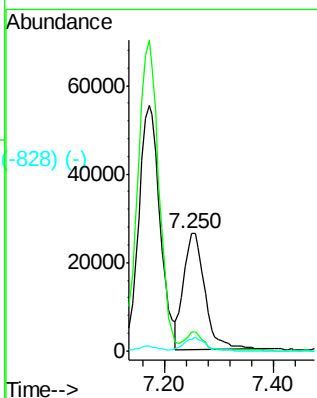
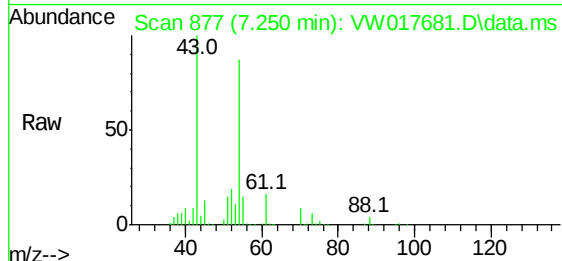
Tgt Ion: 43 Resp: 71250

Ion	Ratio	Lower	Upper
43	100		
61	13.6	12.0	18.0
70	10.7	9.9	14.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

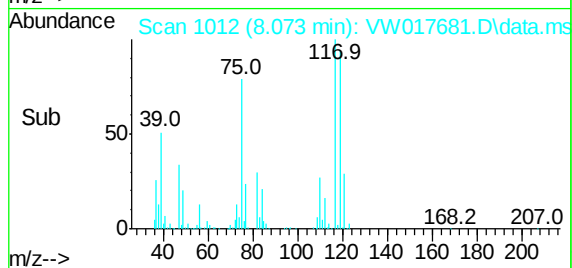
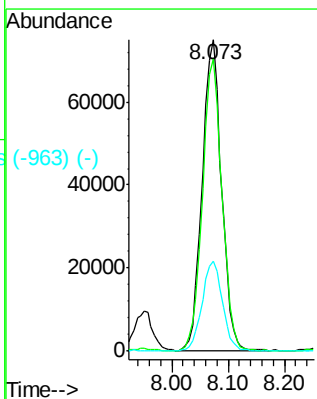
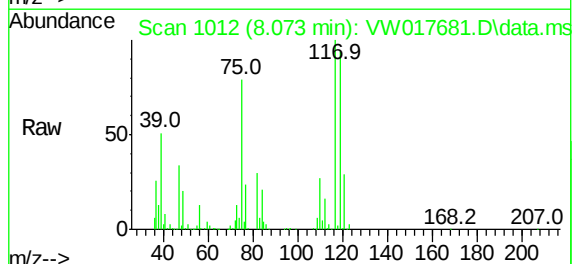
MMDadoda
12/21/2020 11:59:24 AM

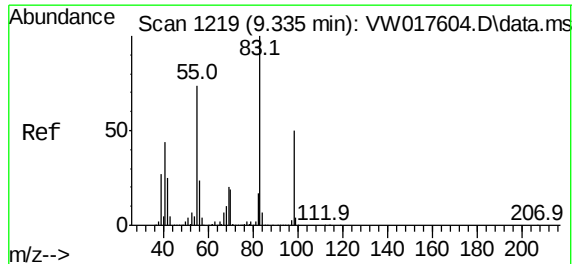


Carbon Tetrachloride
Concen: 51.21 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:117 Resp: 176225

Ion	Ratio	Lower	Upper
117	100		
119	93.7	81.6	122.4
121	28.7	25.7	38.5





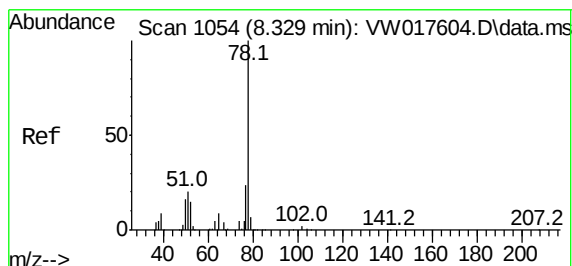
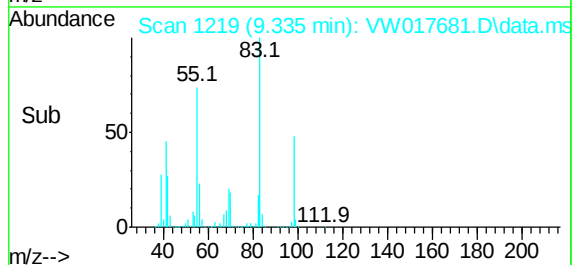
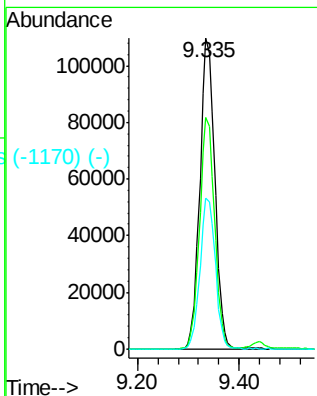
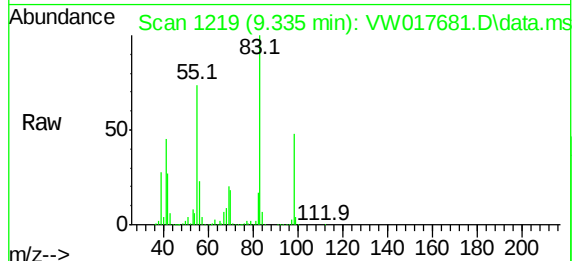
(#1206) (-)
Methylcyclohexane
Concen: 51.78 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 224592
Ion Ratio Lower Upper
83 100
55 74.2 51.7 77.5
98 48.5 41.0 61.4

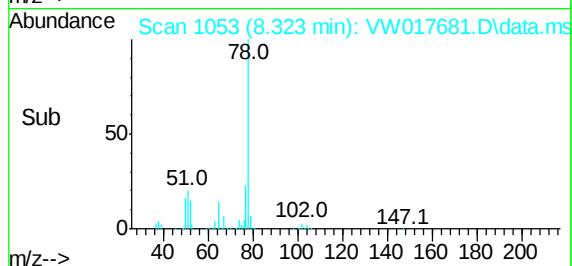
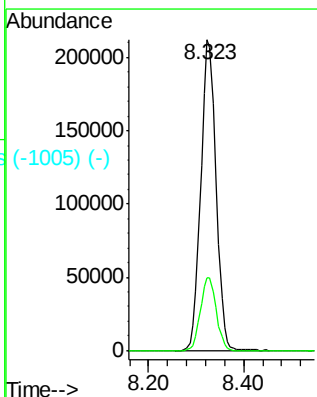
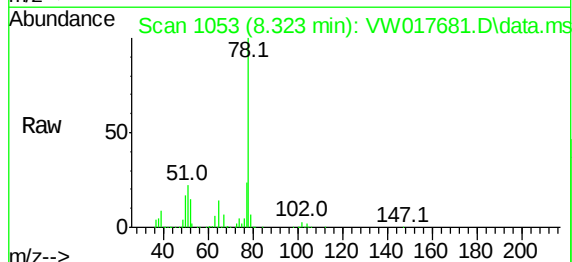
Manual Integrations
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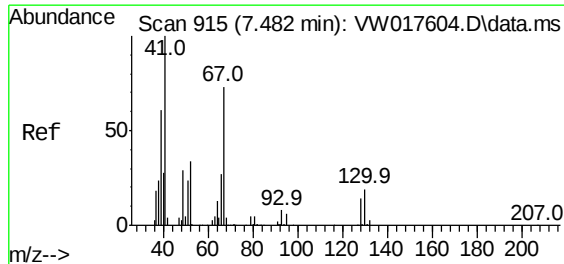
MMDadoda
12/21/2020 11:59:24 AM



(#1009) (-)
Benzene
Concen: 51.74 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 78 Resp: 469302
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7





Methacrylonitrile
Concen: 53.70 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

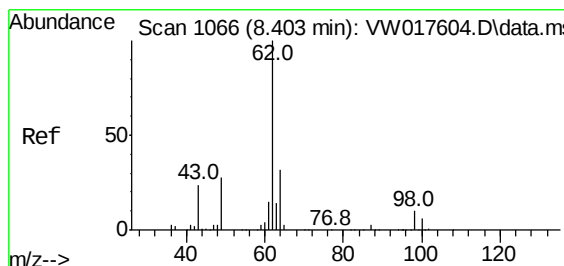
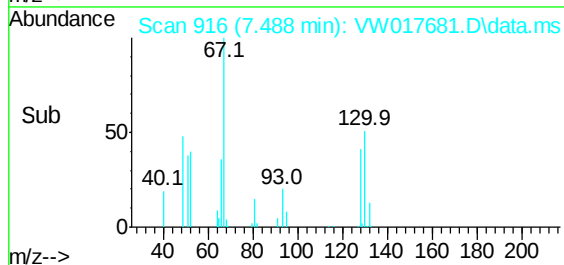
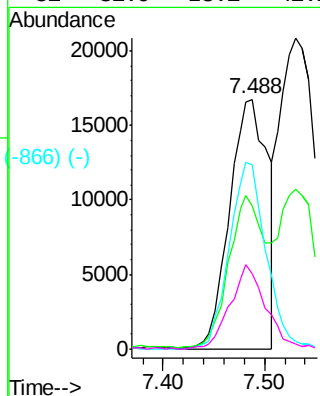
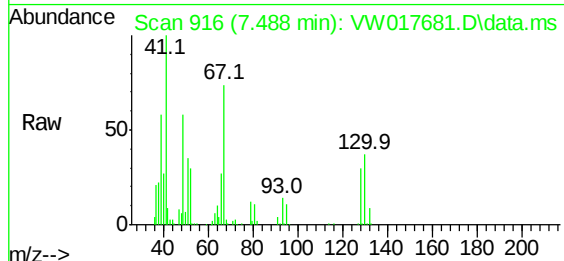
Tgt Ion: 41 Resp: 43410

Ion	Ratio	Lower	Upper
41	100		
39	53.2	47.0	70.6
67	72.7	68.6	102.8
52	31.9	28.1	42.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

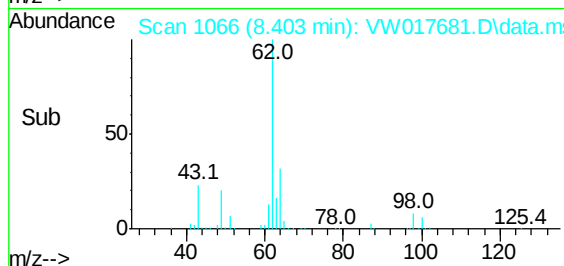
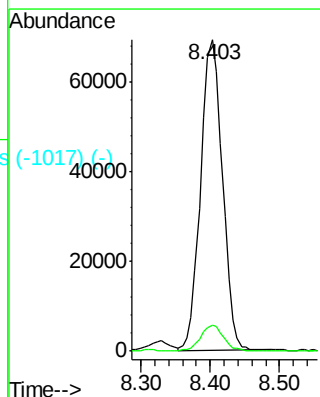
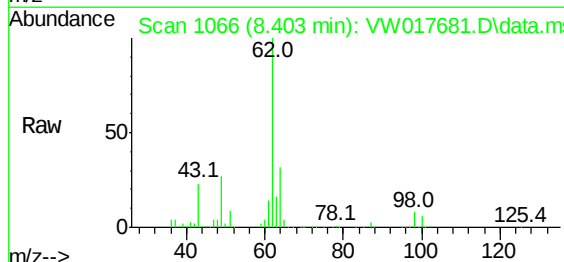
MMDadoda
12/21/2020 11:59:24 AM

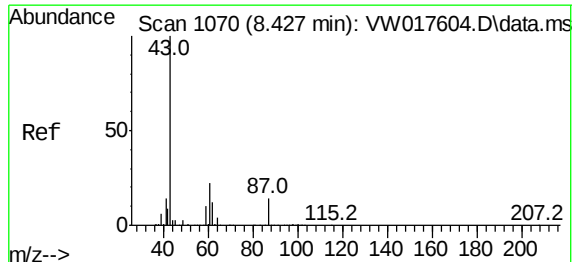


1,2-Dichloroethane
Concen: 54.57 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 62 Resp: 150728

Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	21.0



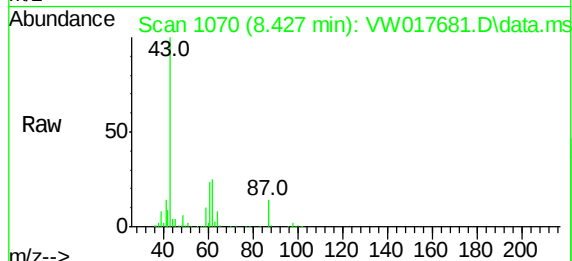


(#1061) (-)
Isopropyl Acetate
Concen: 50.38 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

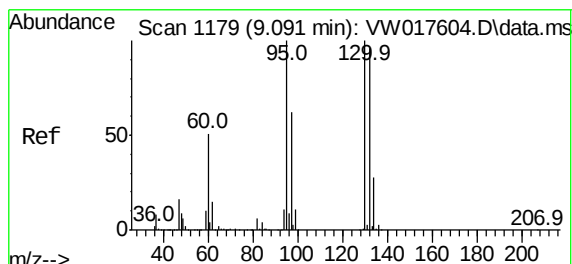
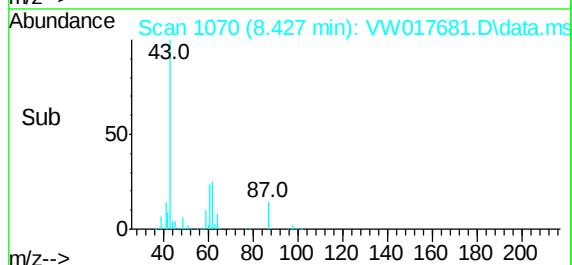
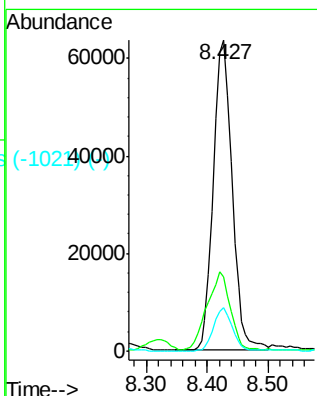
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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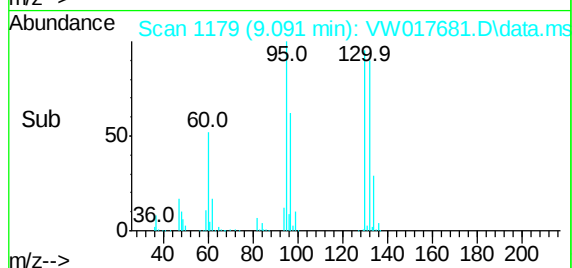
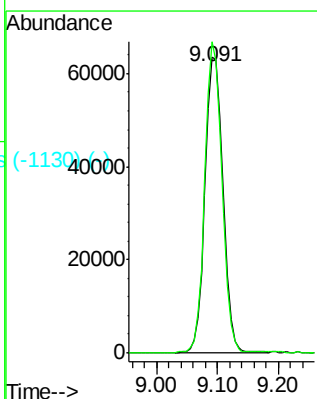
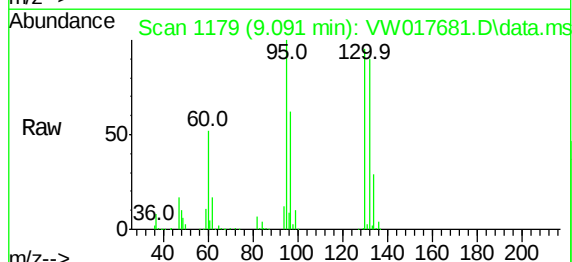


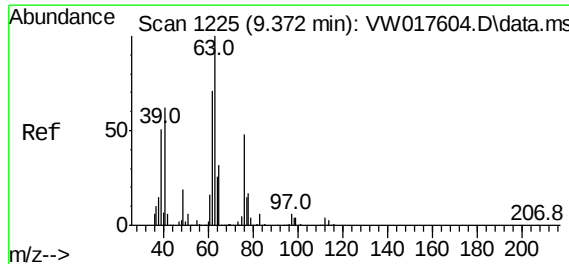
Tgt Ion: 43 Resp: 135259
Ion Ratio Lower Upper
43 100
61 31.0 27.5 41.3
87 13.7 13.6 20.4



(#1169) (-)
Trichloroethene
Concen: 51.78 ug/l
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:130 Resp: 129568
Ion Ratio Lower Upper
130 100
95 105.1 0.0 180.2



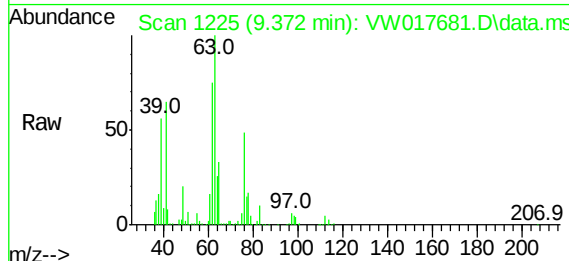


(#113) (-)
1,2-Dichloropropane
Concen: 51.39 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

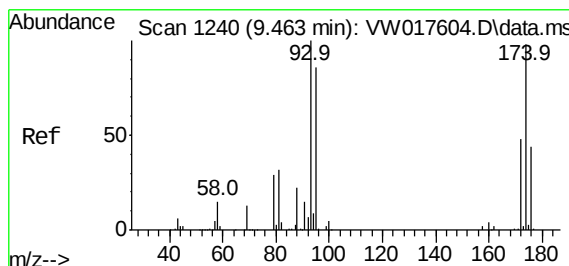
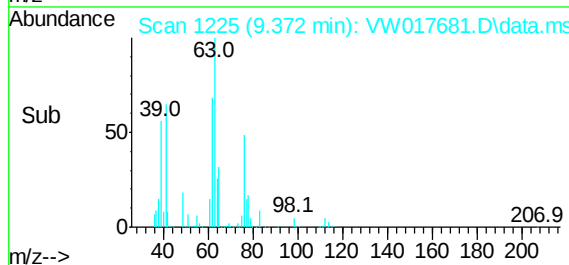
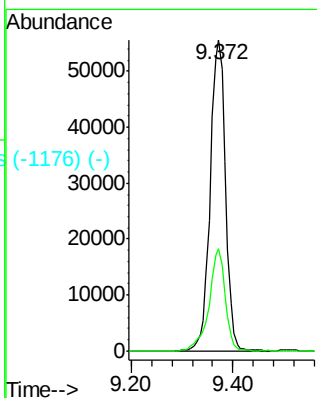
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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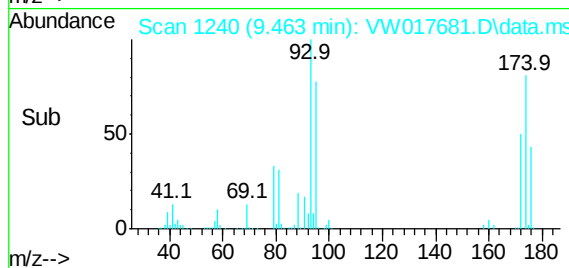
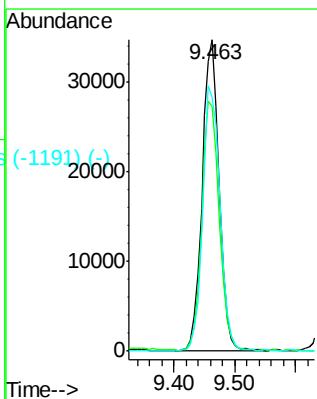
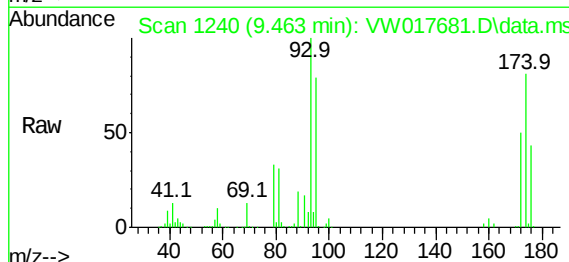


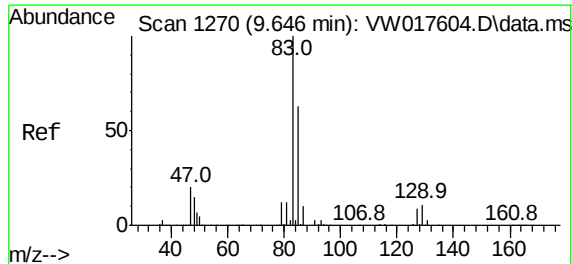
Tgt Ion: 63 Resp: 115038
Ion Ratio Lower Upper
63 100
65 32.9 25.1 37.7



(#112) (-)
Dibromomethane
Concen: 53.25 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

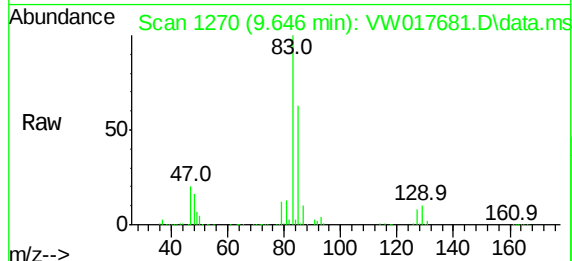
Tgt Ion: 93 Resp: 66694
Ion Ratio Lower Upper
93 100
95 83.2 66.5 99.7
174 87.1 91.0 136.6#





(#1258) (-)
Bromodichloromethane
Concen: 52.60 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

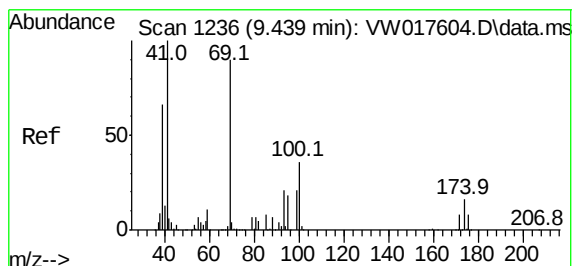
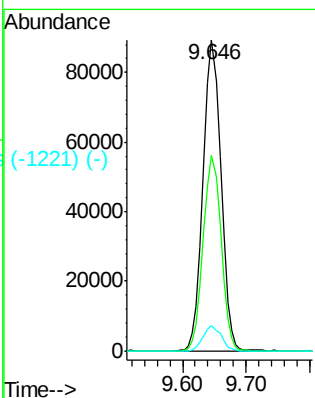
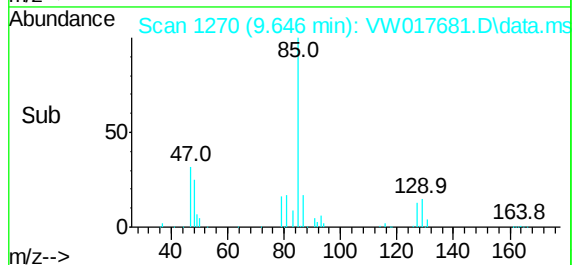
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



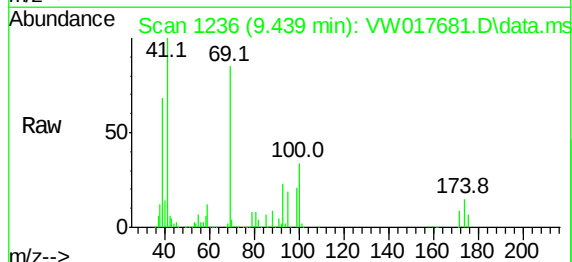
Tgt Ion: 83 Resp: 167893
Ion Ratio Lower Upper
83 100
85 62.8 52.7 79.1
127 8.1 7.8 11.6

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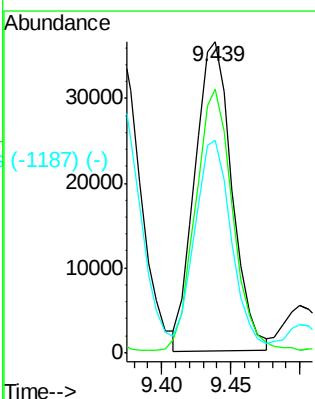
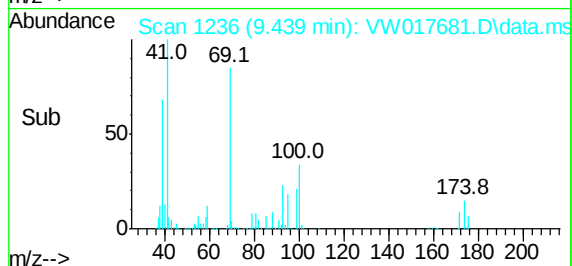
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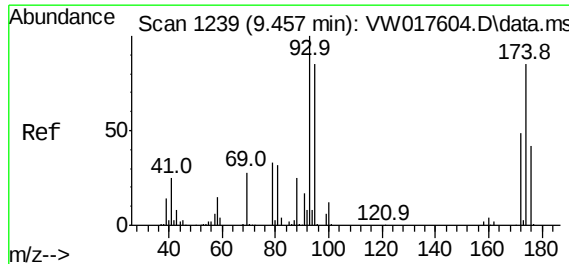


(#1180) (-)
Methyl methacrylate
Concen: 51.58 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



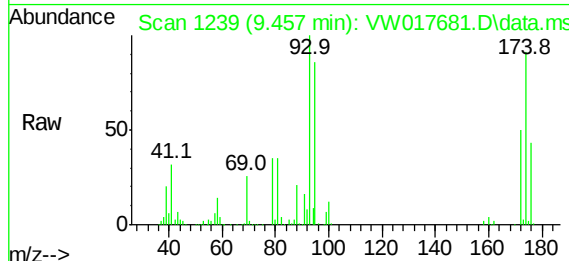
Tgt Ion: 41 Resp: 67947
Ion Ratio Lower Upper
41 100
69 85.6 83.5 125.3
39 62.4 50.9 76.3





#1230 (-)
1,4-Dioxane
Concen: 1067.04 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

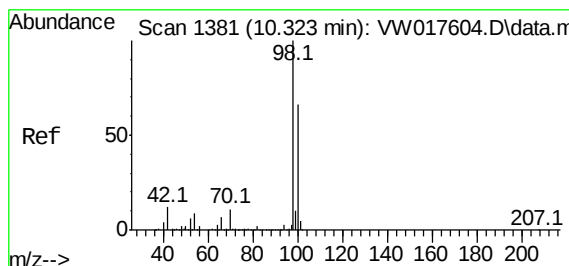
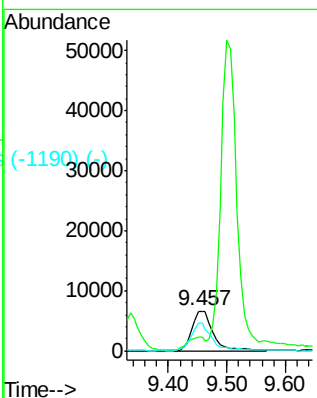
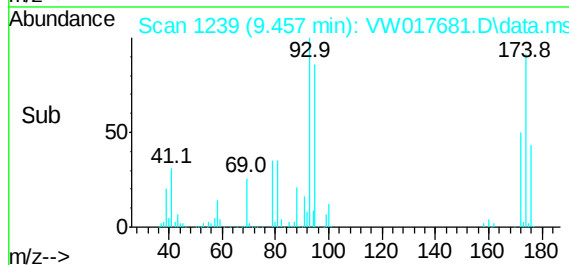
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



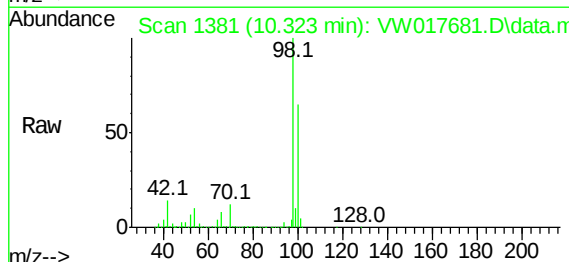
Tgt Ion: 88 Resp: 16531
Ion Ratio Lower Upper
88 100
43 26.0 0.0 0.0#
58 69.8 54.0 81.0

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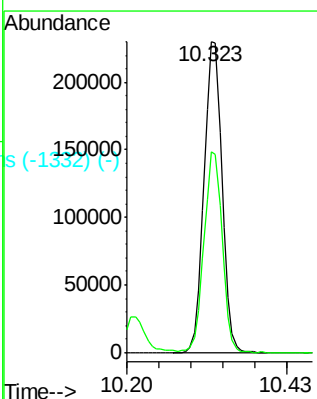
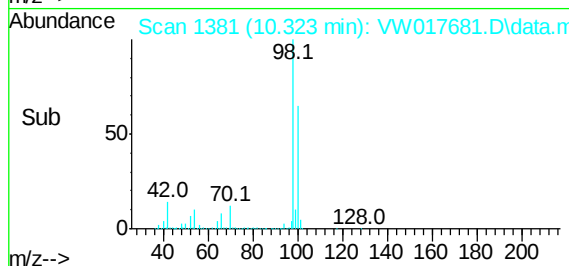
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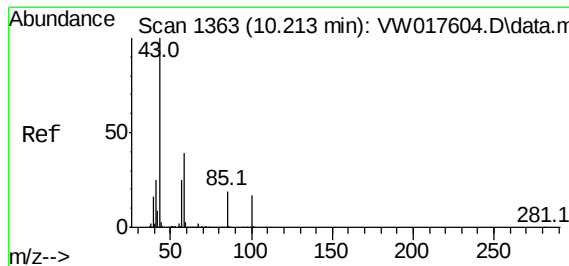


#5071 (-)
Toluene-d8
Concen: 48.94 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



Tgt Ion: 98 Resp: 412396
Ion Ratio Lower Upper
98 100
100 65.6 53.3 79.9



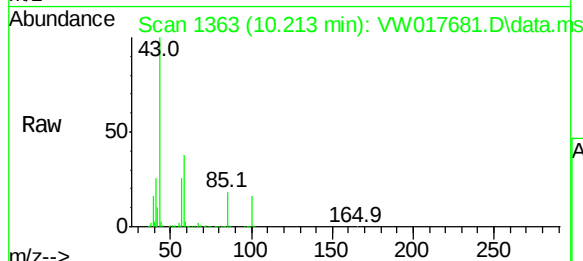


#51853 (-)
4-Methyl-2-Pentanone
Concen: 254.12 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

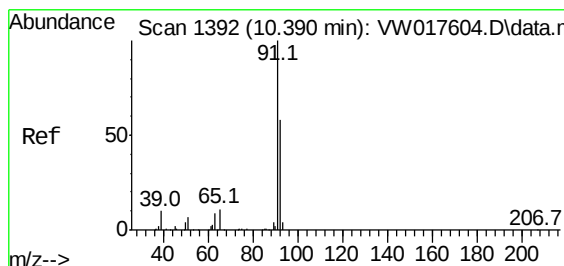
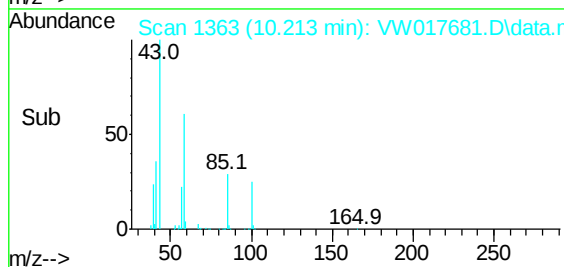
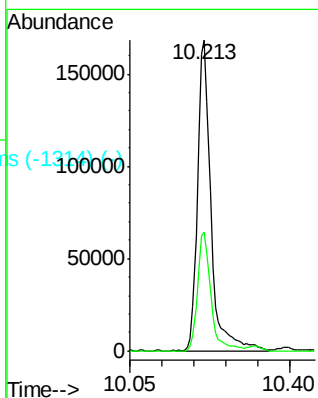
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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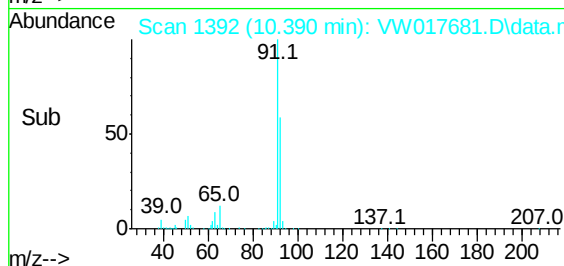
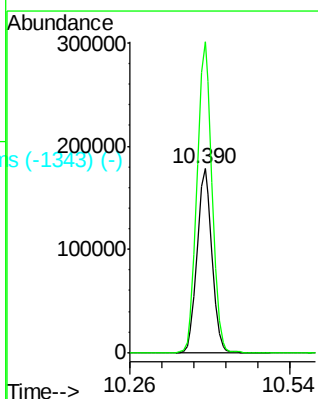
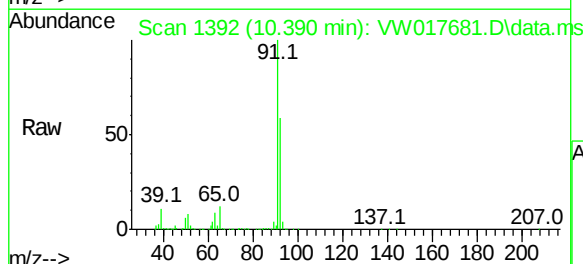


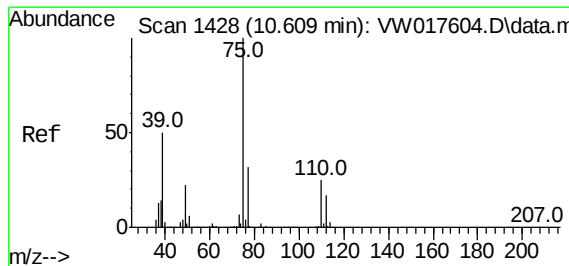
Tgt Ion: 43 Resp: 339565
Ion Ratio Lower Upper
43 100
58 38.0 34.7 52.1



#51883 (-)
Toluene
Concen: 52.52 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

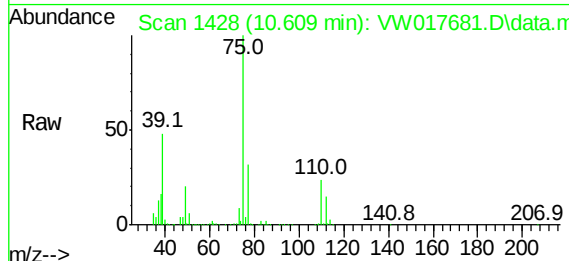
Tgt Ion: 92 Resp: 311546
Ion Ratio Lower Upper
92 100
91 170.6 134.7 202.1





#53
t-1,3-Dichloropropene
Concen: 50.41 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

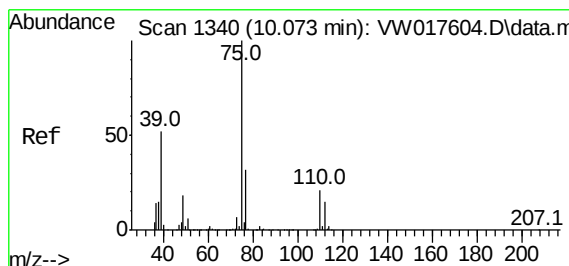
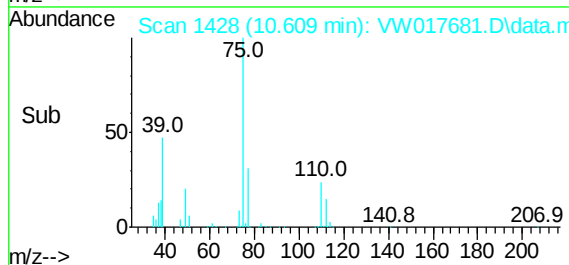
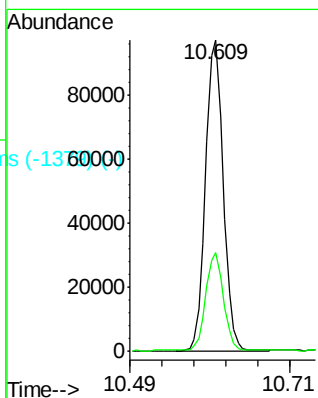
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 164659
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2

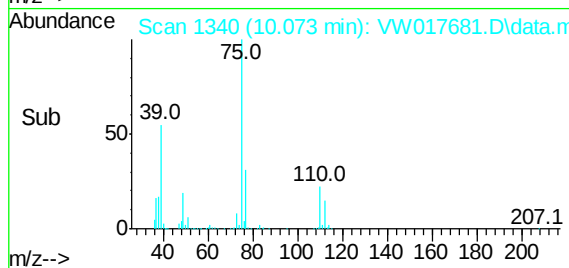
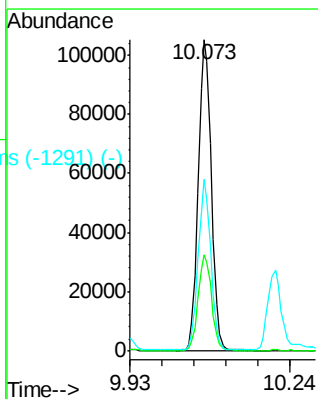
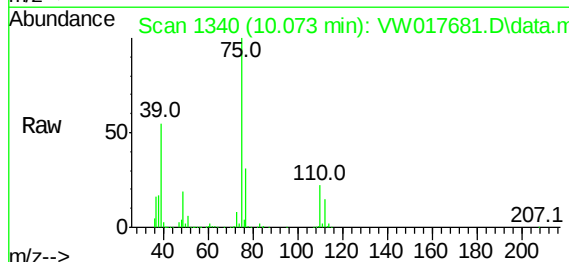
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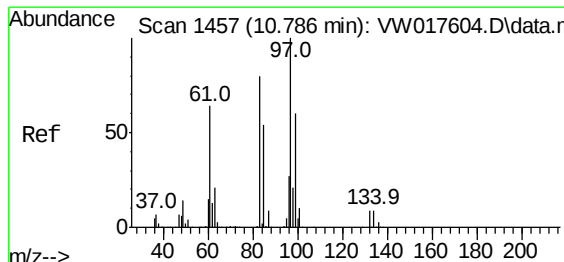
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#54
cis-1,3-Dichloropropene
Concen: 49.99 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 75 Resp: 188830
Ion Ratio Lower Upper
75 100
77 30.8 25.8 38.6
39 54.8 32.9 49.3#





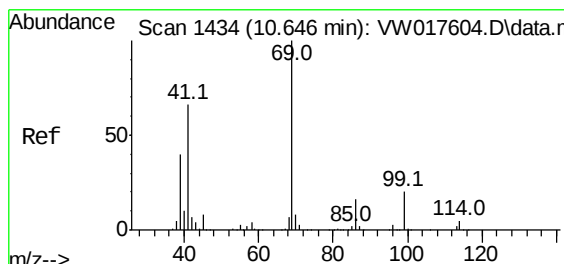
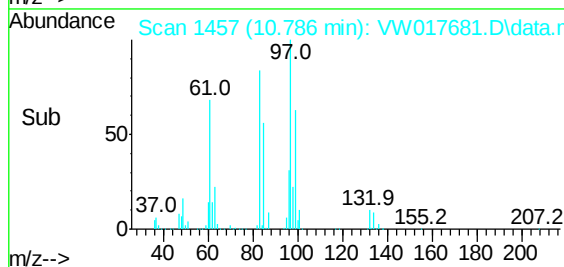
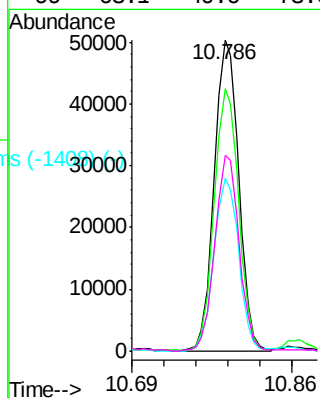
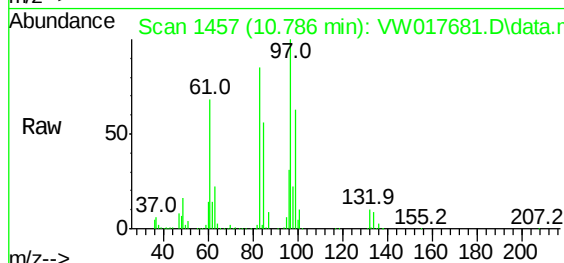
1,1,2-Trichloroethane
 Concen: 52.95 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion:	97	Resp:	88690
Ion	Ratio	Lower	Upper
97	100		
83	84.2	64.6	97.0
85	55.7	40.6	61.0
99	63.1	49.0	73.6

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

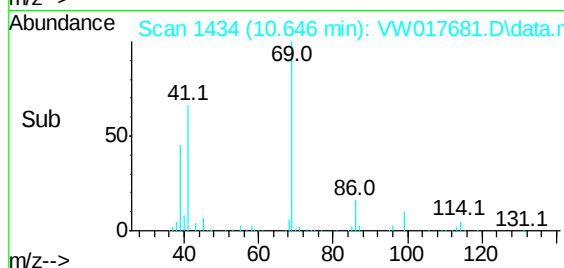
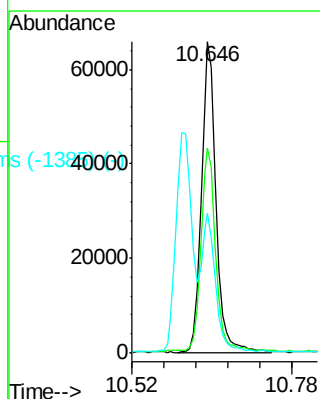
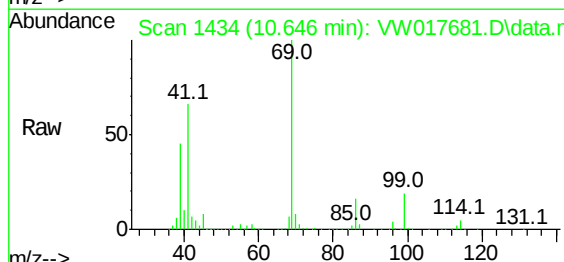
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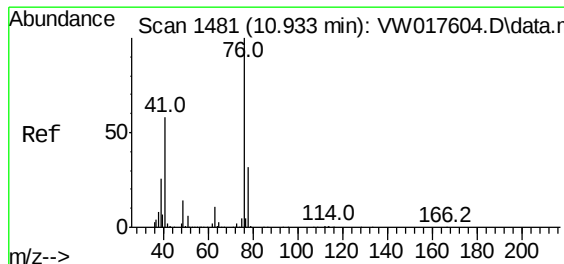
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Ethyl methacrylate
 Concen: 51.80 ug/l
 RT: 10.646 min Scan# 1434
 Delta R.T. 0.000 min
 Lab File: VW017681.D
 Acq: 18 Dec 2020 17:17

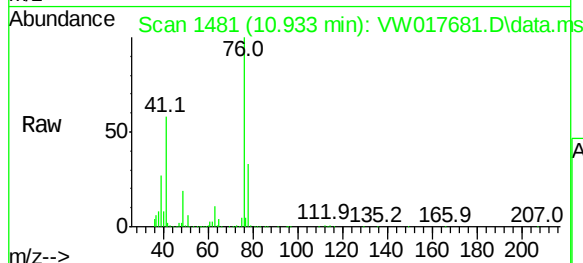
Tgt Ion:	69	Resp:	112087
Ion	Ratio	Lower	Upper
69	100		
41	66.0	46.3	69.5
39	42.6	25.9	38.9





1,3-Dichloropropane
Concen: 52.36 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

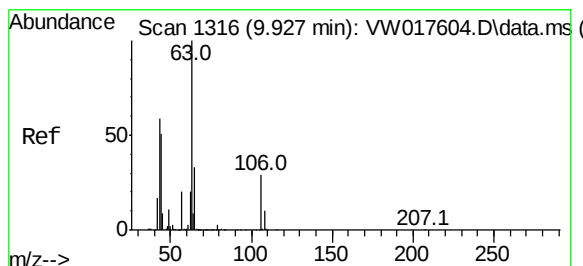
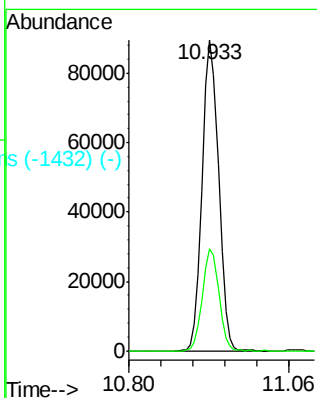
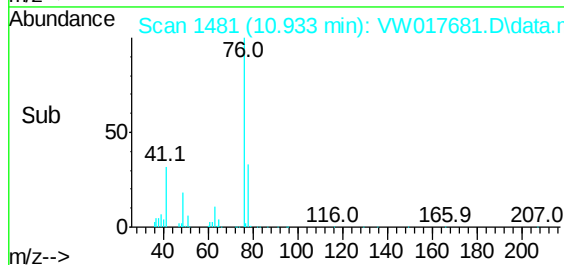
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 154912
Ion Ratio Lower Upper
76 100
78 32.6 26.0 39.0

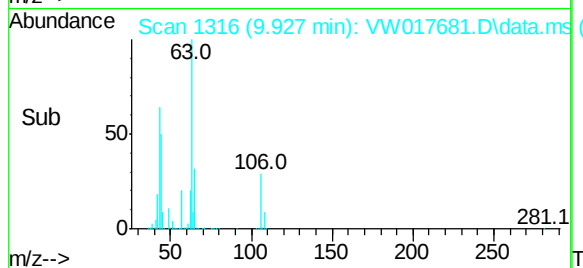
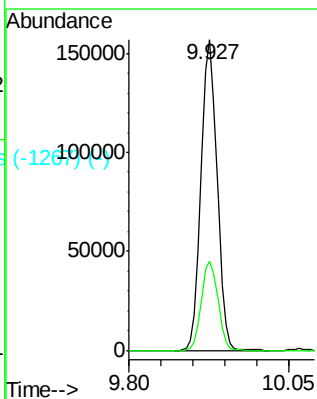
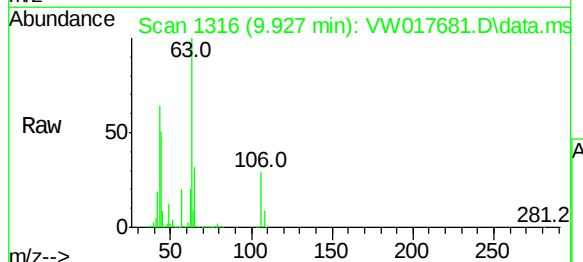
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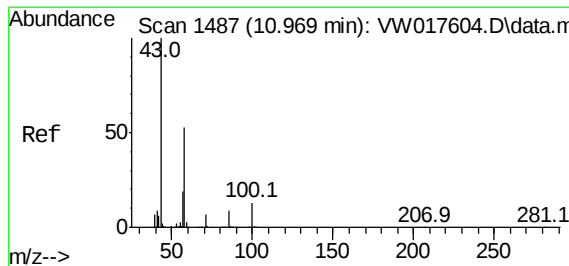
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2-Chloroethyl Vinyl ether
Concen: 257.34 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

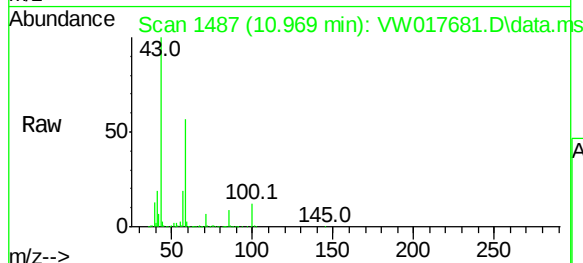
Tgt Ion: 63 Resp: 266212
Ion Ratio Lower Upper
63 100
106 29.5 27.0 40.4





#59
2-Hexanone
Concen: 250.13 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

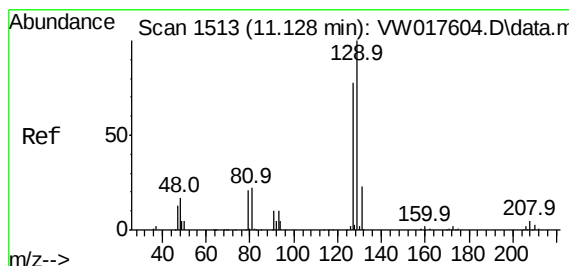
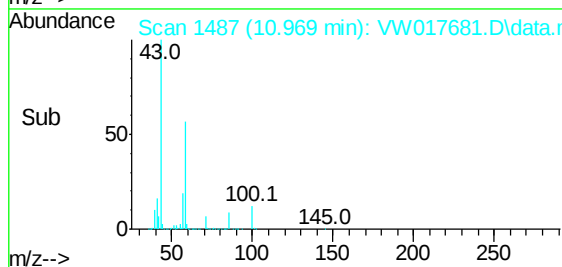
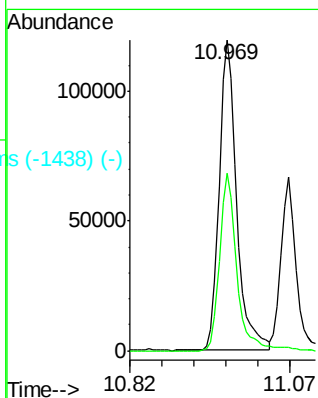
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 223609
Ion Ratio Lower Upper
43 100
58 56.0 29.5 88.5

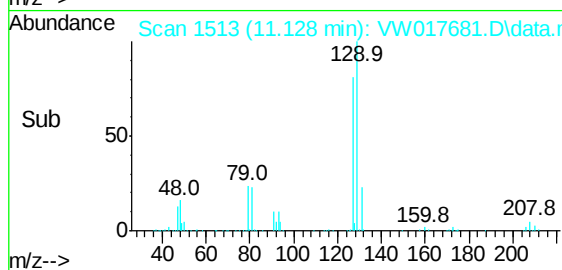
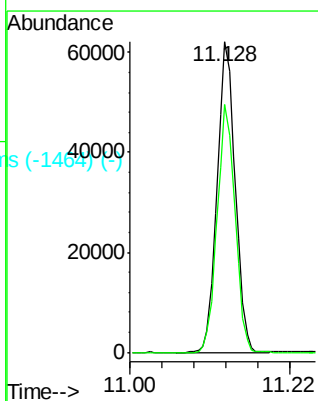
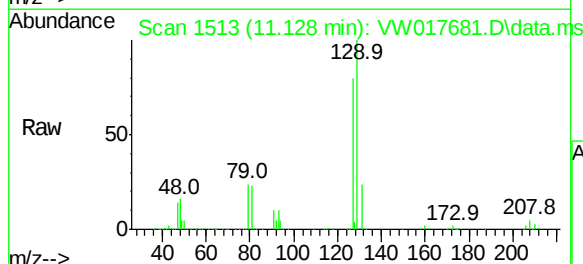
Manual Integrations
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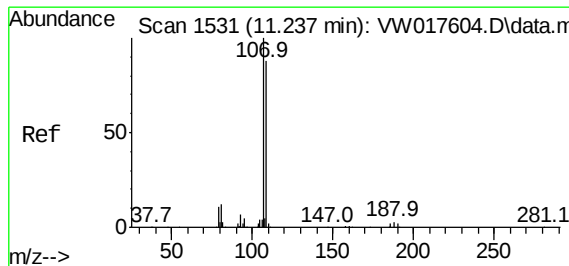
MMDadoda
12/21/2020 11:59:24 AM



#60
Dibromochloromethane
Concen: 50.76 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 129 Resp: 106380
Ion Ratio Lower Upper
129 100
127 79.3 38.9 116.6





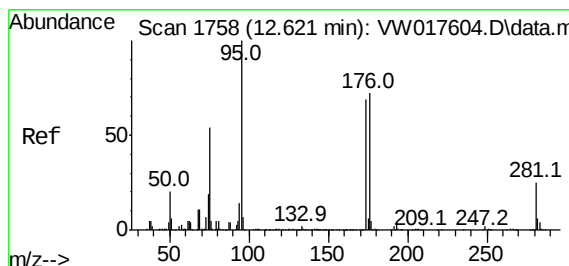
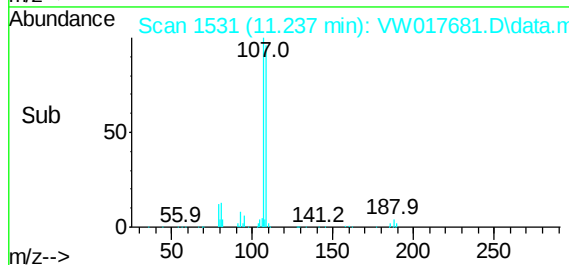
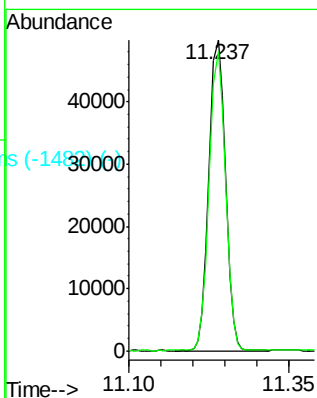
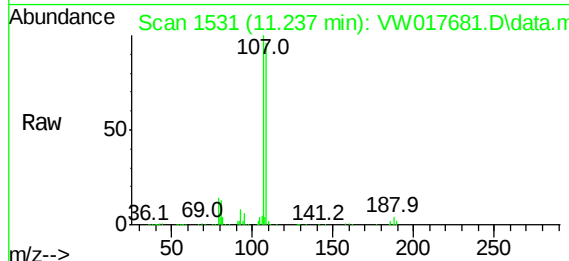
1,2-Dibromoethane
Concen: 52.69 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 107 Resp: 87215
Ion Ratio Lower Upper
107 100
109 95.2 74.7 112.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

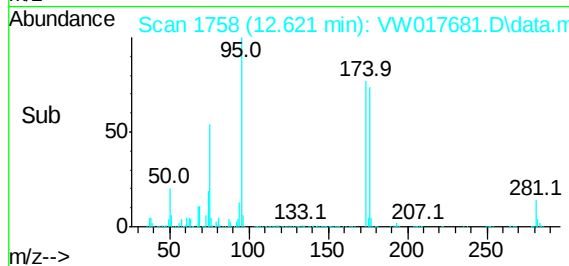
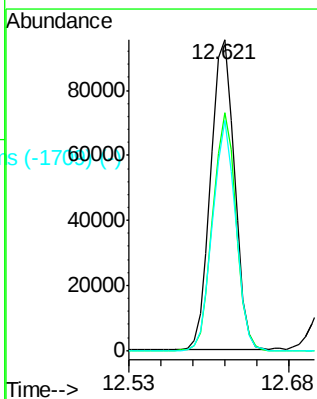
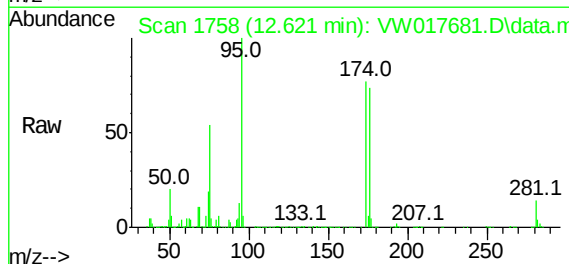
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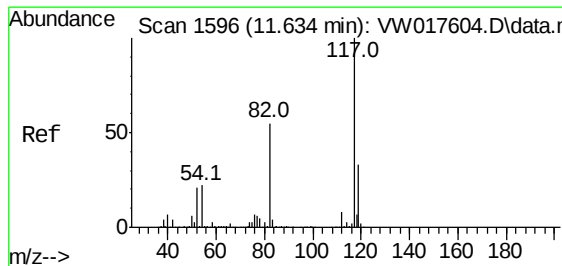
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4-Bromofluorobenzene
Concen: 51.32 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

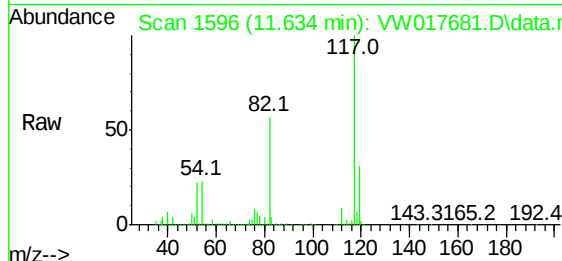
Tgt Ion: 95 Resp: 154416
Ion Ratio Lower Upper
95 100
174 74.5 0.0 180.6
176 71.8 0.0 177.6





#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

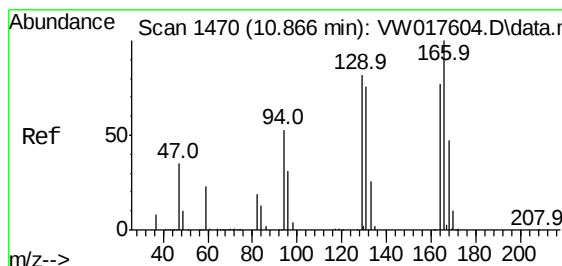
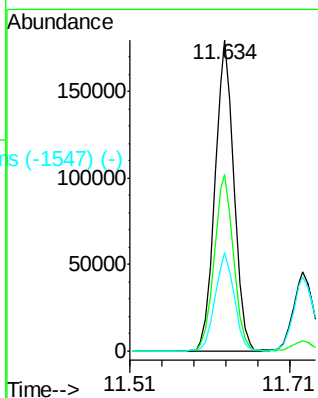
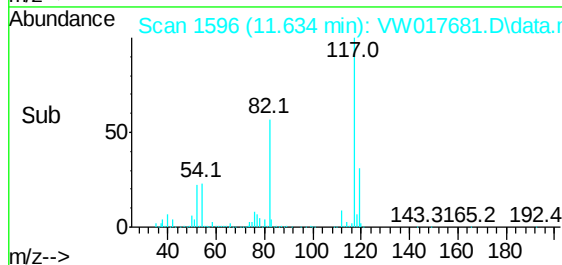
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



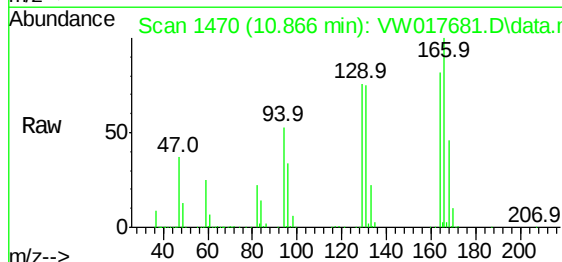
Tgt Ion:117 Resp: 294010
Ion Ratio Lower Upper
117 100
82 56.5 40.7 61.1
119 31.5 25.0 37.4

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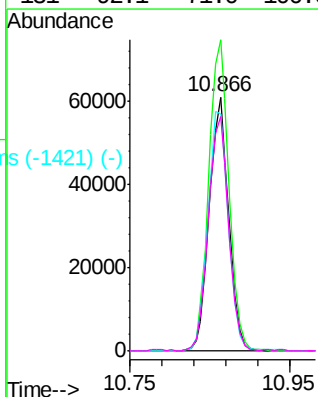
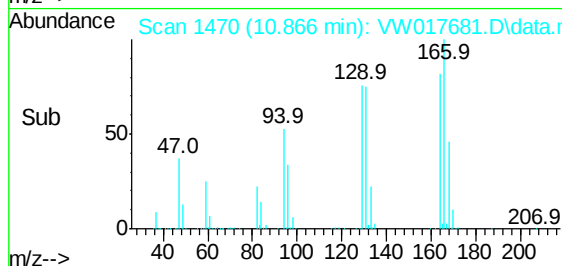
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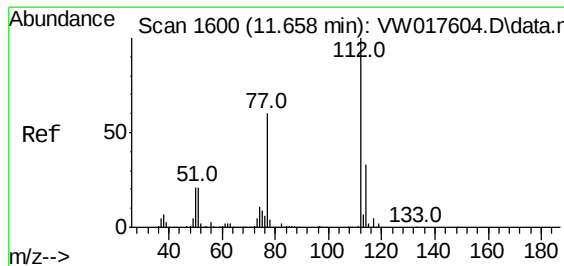


#6461 (-)
Tetrachloroethene
Concen: 51.10 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



Tgt Ion:164 Resp: 102460
Ion Ratio Lower Upper
164 100
166 122.6 105.3 157.9
129 93.1 68.8 103.2
131 92.1 71.0 106.6



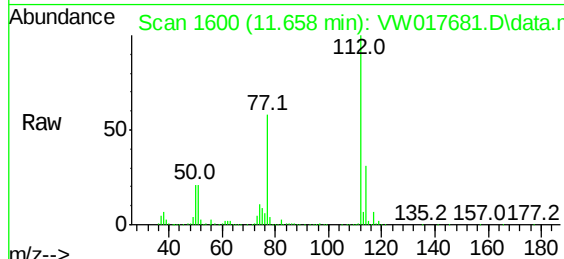


#65
Chlorobenzene
Concen: 51.72 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

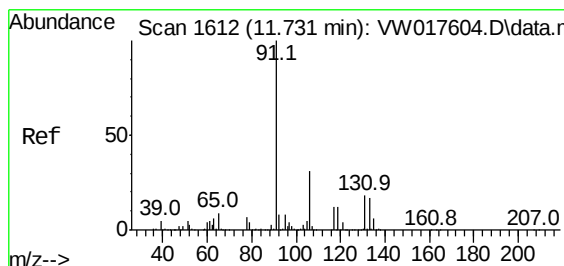
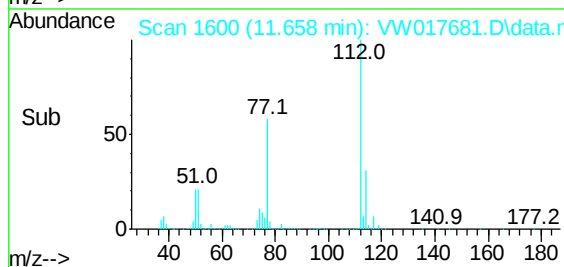
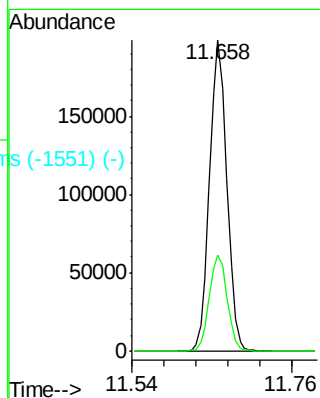
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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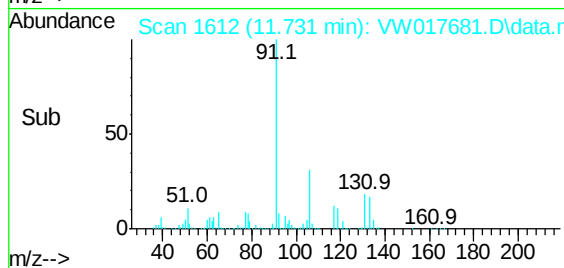
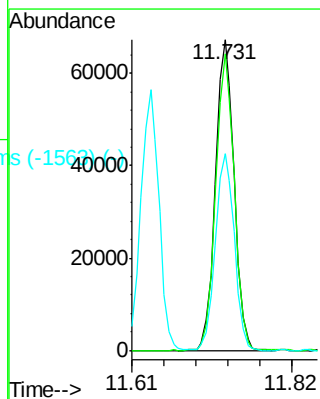
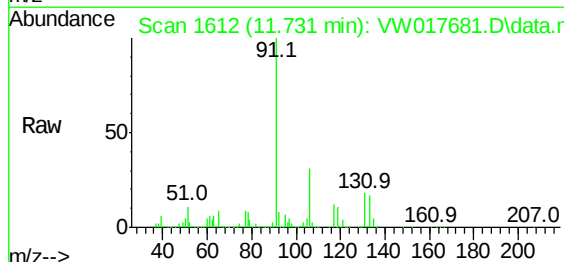


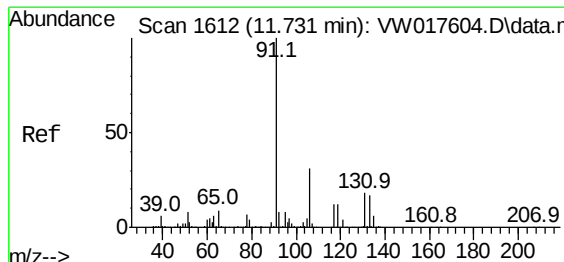
Tgt Ion:112 Resp: 326989
Ion Ratio Lower Upper
112 100
114 30.7 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 50.85 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

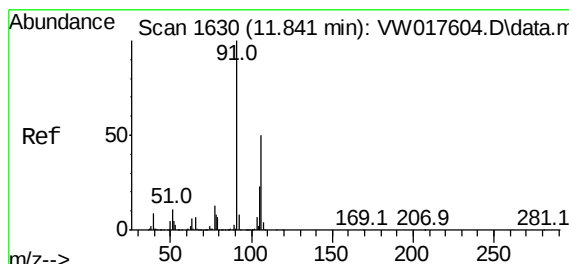
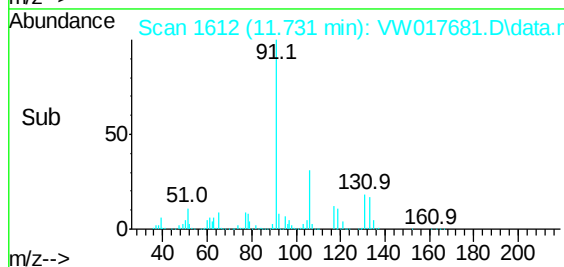
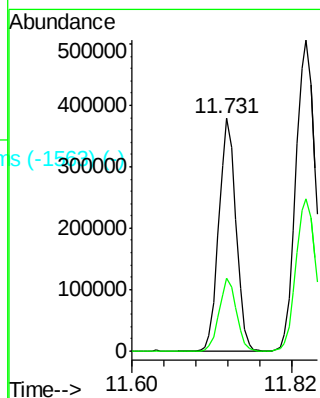
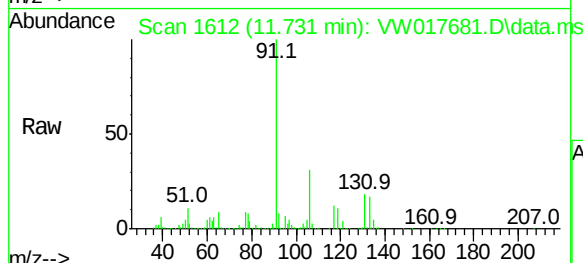
Tgt Ion:131 Resp: 114030
Ion Ratio Lower Upper
131 100
133 95.4 48.1 144.3
119 64.2 32.5 97.4





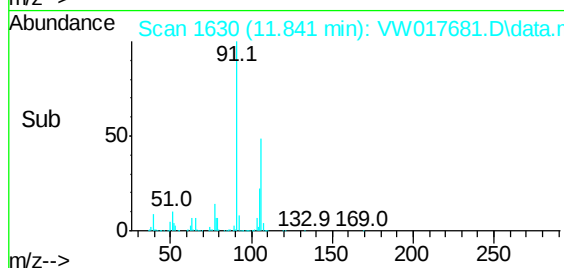
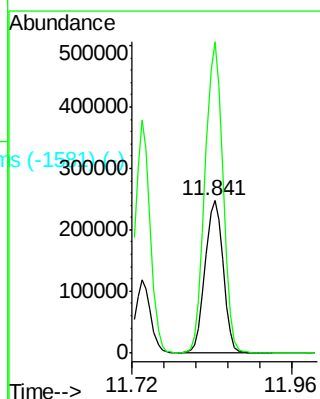
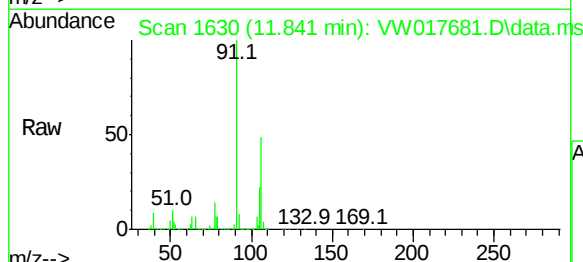
#67
Ethyl Benzene
Concen: 52.11 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 91 Resp: 612038
Ion Ratio Lower Upper
91 100
106 31.1 25.9 38.9



#68
m/p-Xylenes
Concen: 104.19 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

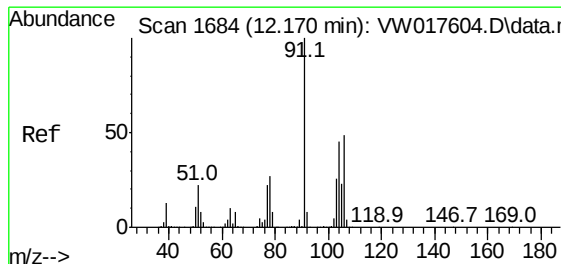
Tgt Ion:106 Resp: 466602
Ion Ratio Lower Upper
106 100
91 202.7 157.4 236.0



Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

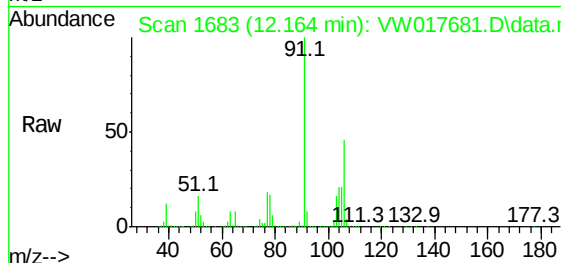
Manual Integrations
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#6875 (-)
o-Xylene
Concen: 52.19 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

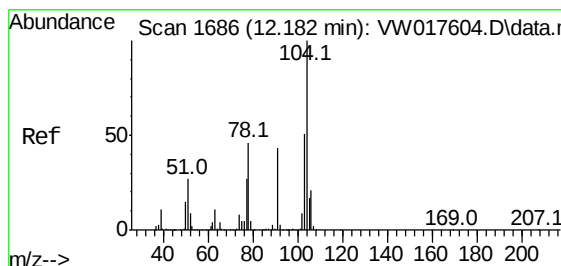
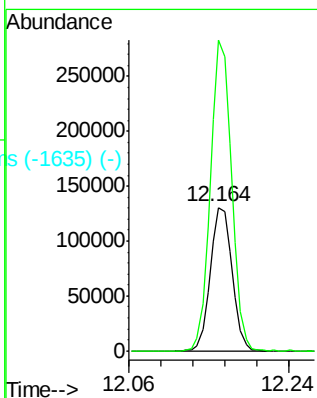
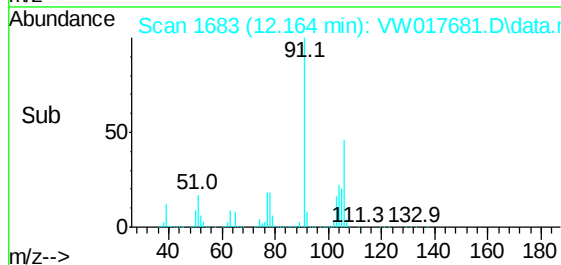
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 220455
Ion Ratio Lower Upper
106 100
91 210.3 103.6 310.9

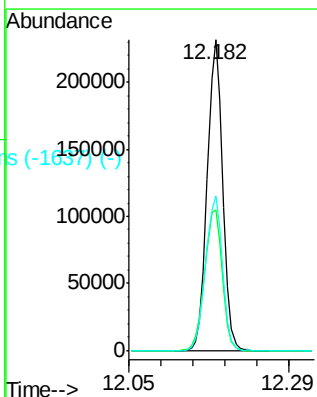
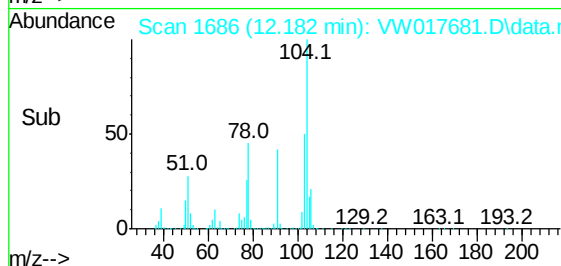
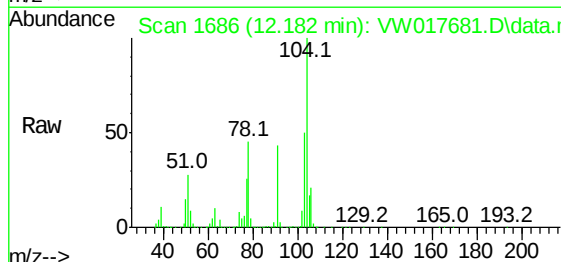
Manual Integrations
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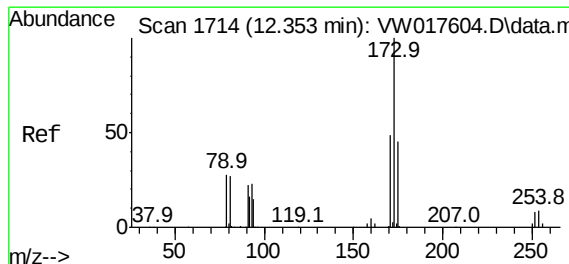
MMDadoda
12/21/2020 11:59:24 AM



#7076 (-)
Styrene
Concen: 52.65 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:104 Resp: 371343
Ion Ratio Lower Upper
104 100
78 51.6 37.6 56.4
103 54.3 43.6 65.4





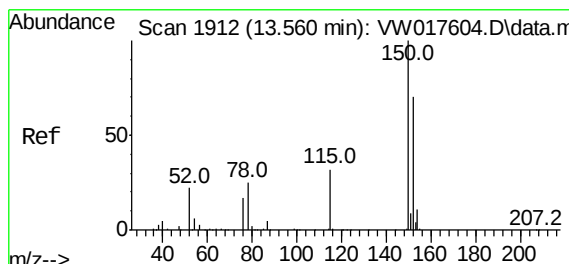
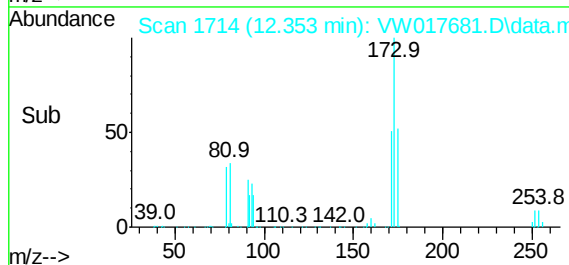
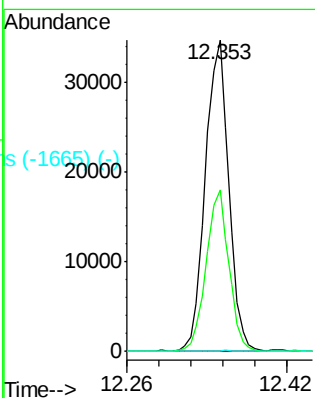
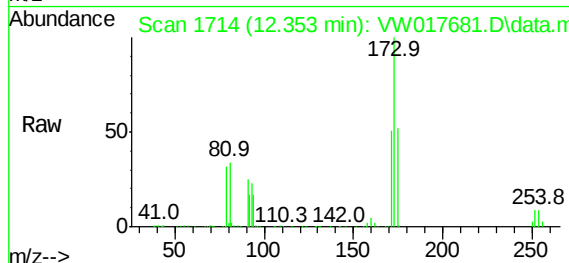
#71705 (-)
Bromoform
Concen: 48.49 ug/l
RT: 12.353 min Scan# 1714
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	173	Resp:	58122
Ion Ratio	Lower	Upper	
173	100		
175	50.2	24.7	74.1
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

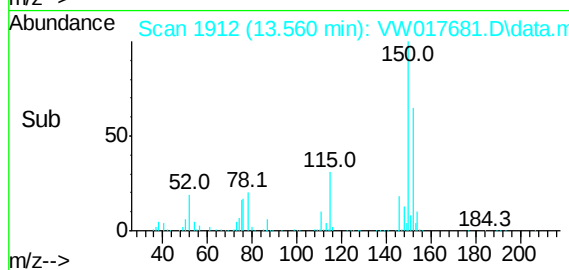
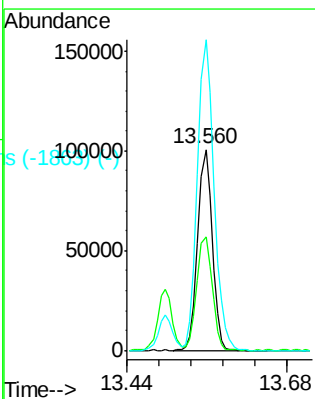
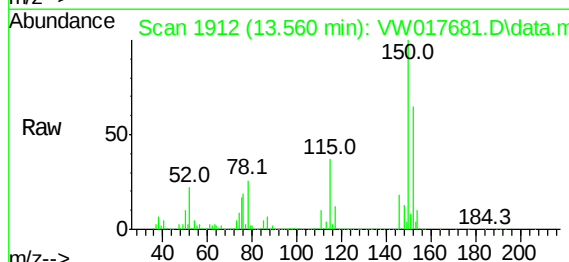
Manual Integrations
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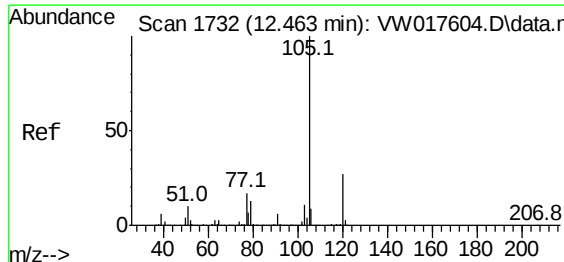
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12/21/2020 11:59:24 AM



#71704 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	152	Resp:	152220
Ion Ratio	Lower	Upper	
152	100		
115	59.5	27.9	83.7
150	177.4	0.0	344.0



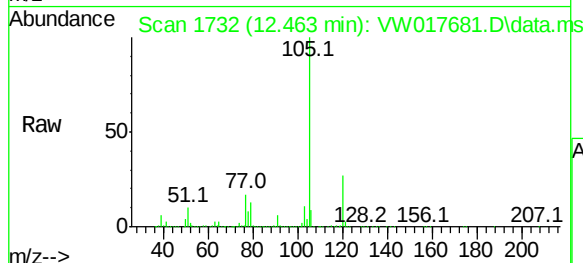


#7324 (-)
Isopropylbenzene
Concen: 50.56 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

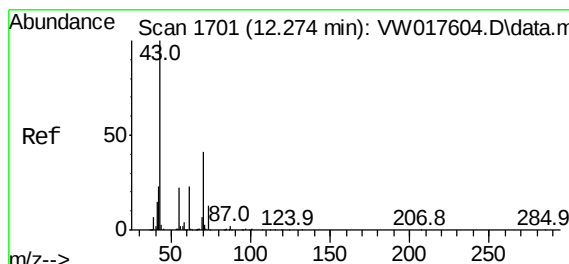
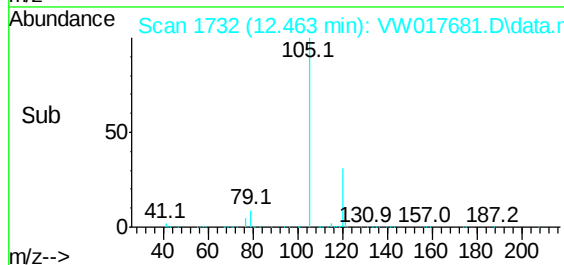
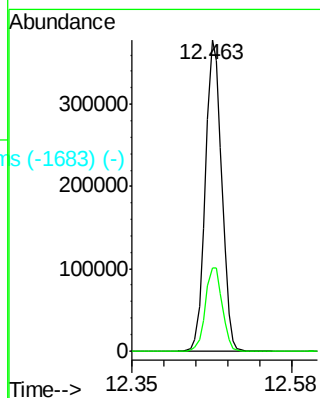
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Manual Integrations
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12/21/2020 11:59:24 AM

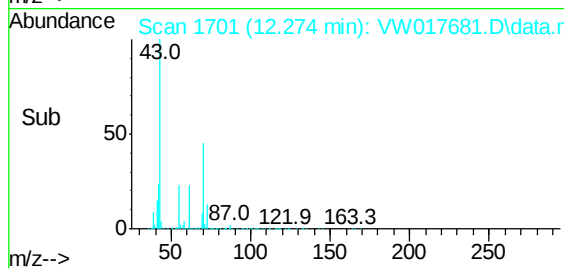
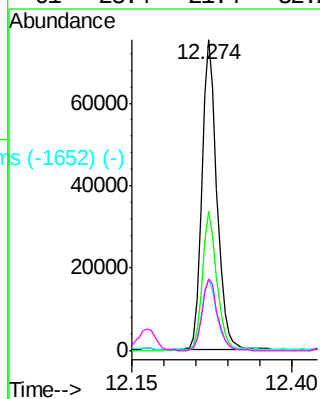
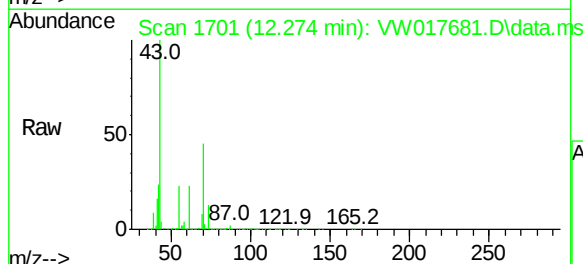


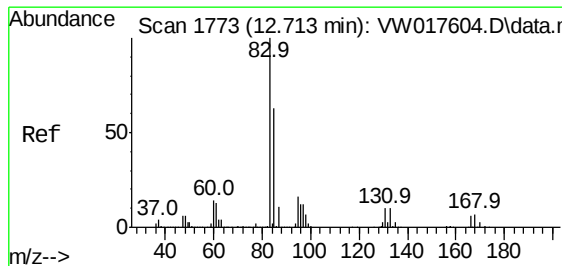
Tgt Ion:105 Resp: 608555
Ion Ratio Lower Upper
105 100
120 27.6 13.6 40.7



#7191 (-)
N-ethyl acetate
Concen: 47.69 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 43 Resp: 120391
Ion Ratio Lower Upper
43 100
70 43.6 40.2 60.4
55 22.6 21.4 32.0
61 23.4 21.4 32.2





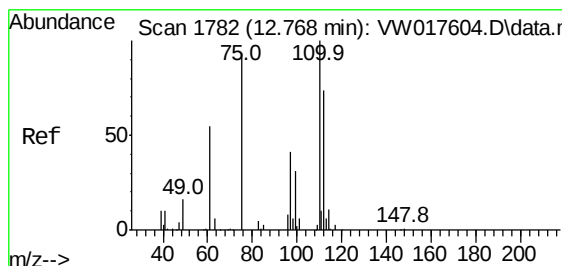
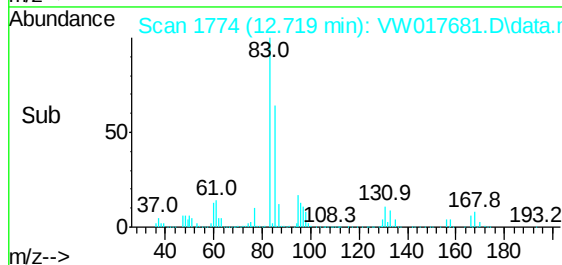
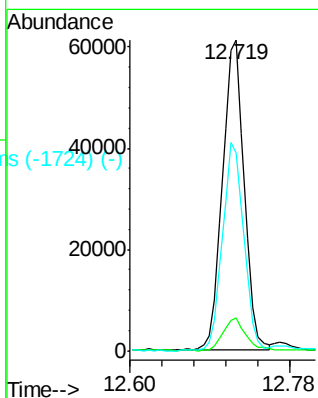
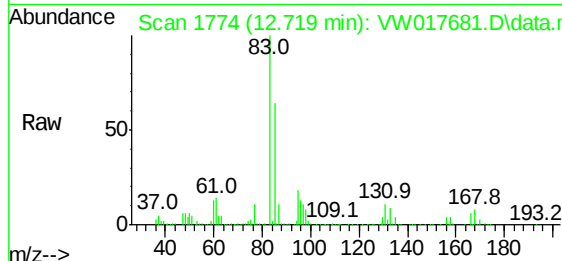
#7564 (-)
 1,1,2,2-Tetrachloroethane
 Concen: 51.21 ug/l
 RT: 12.719 min Scan# 1774
 Delta R.T. 0.006 min
 Lab File: Vw017681.D
 Acq: 18 Dec 2020 17:17

Tgt Ion:	83	Resp:	102821
Ion Ratio	Lower	Upper	
83	100		
131	11.3	6.1	18.3
85	66.4	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

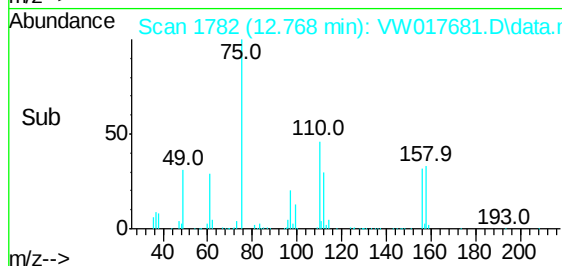
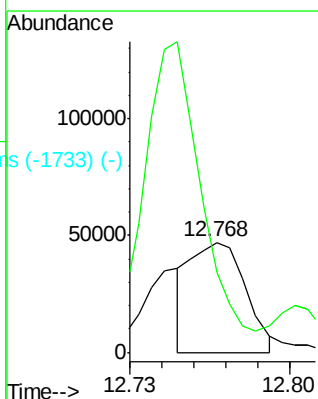
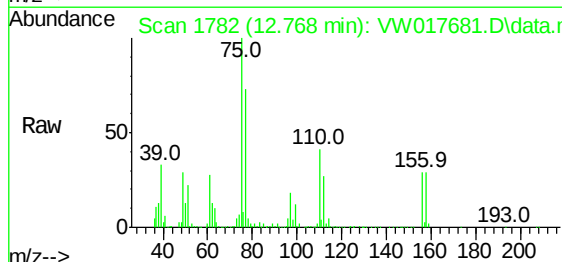
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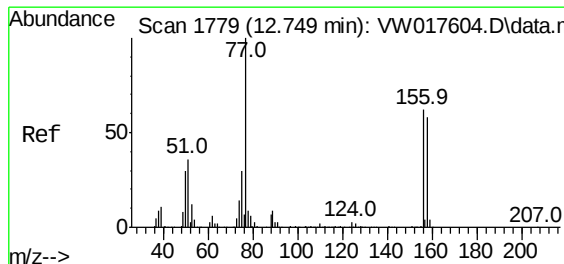
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#7580 (-)
 1,2,3-Trichloropropane
 Concen: 57.34 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. -0.000 min
 Lab File: Vw017681.D
 Acq: 18 Dec 2020 17:17

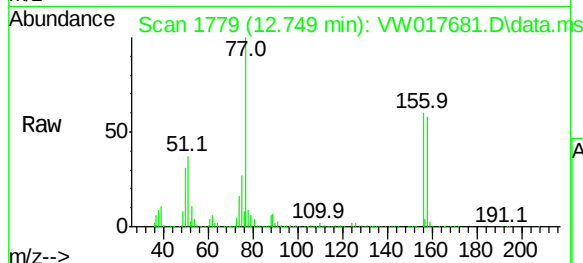
Tgt Ion:	75	Resp:	84017
Ion Ratio	Lower	Upper	
75	100		
77	298.6	178.8	536.3





#1770 (-)
Bromobenzene
Concen: 49.58 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

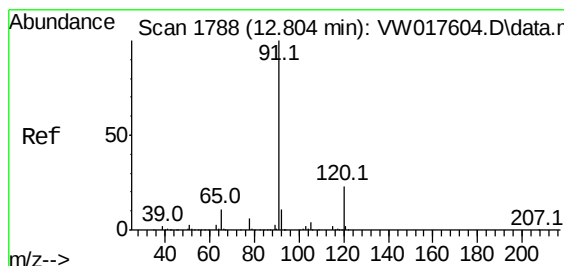
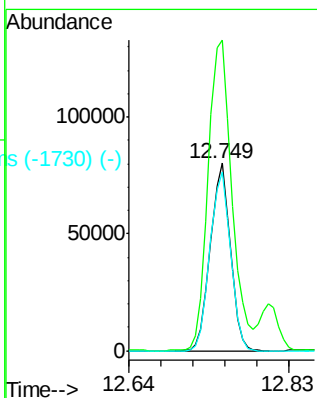
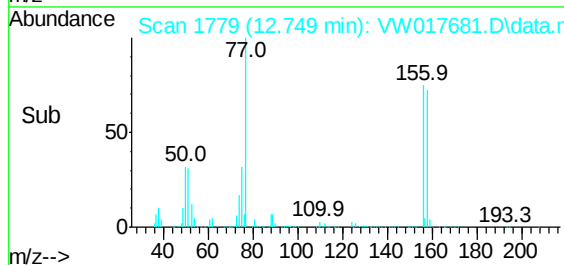
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



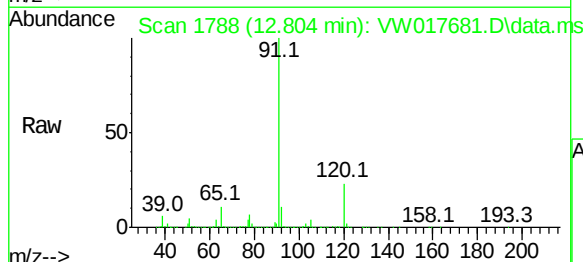
Tgt Ion:156 Resp: 127805
Ion Ratio Lower Upper
156 100
77 196.3 79.0 237.2
158 97.8 47.0 141.2

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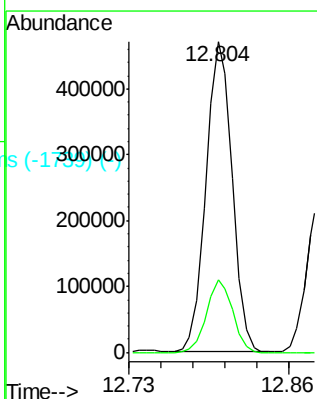
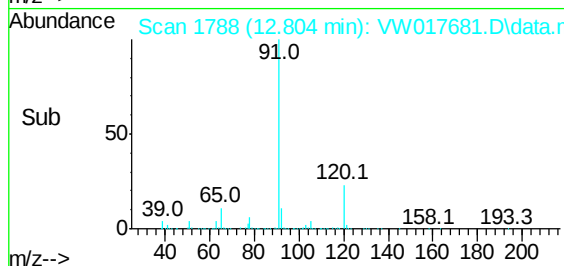
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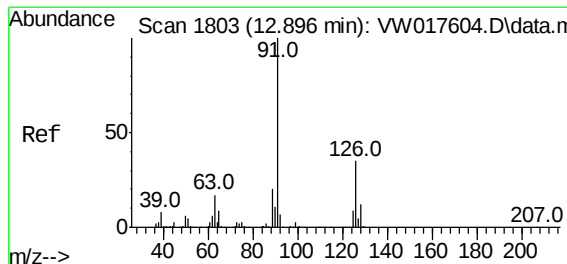


#1782 (-)
n-propylbenzene
Concen: 51.45 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



Tgt Ion: 91 Resp: 735276
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1





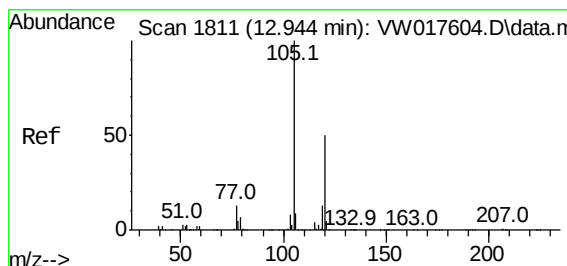
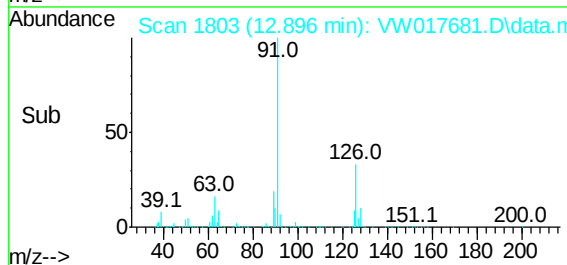
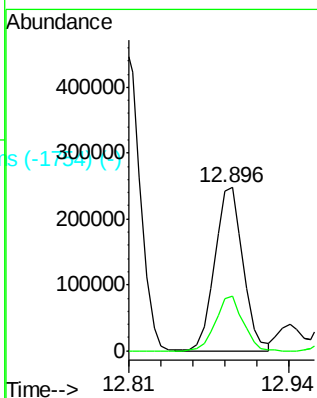
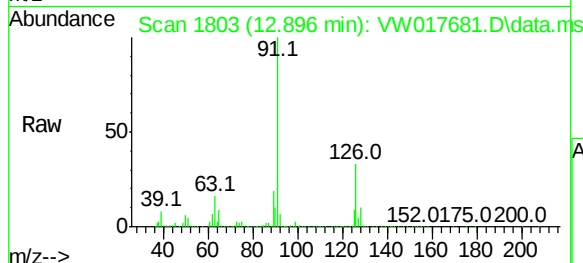
#7996 (-)
2-Chlorotoluene
Concen: 52.15 ug/l
RT: 12.896 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 415460
Ion Ratio Lower Upper
91 100
126 32.2 17.9 53.8

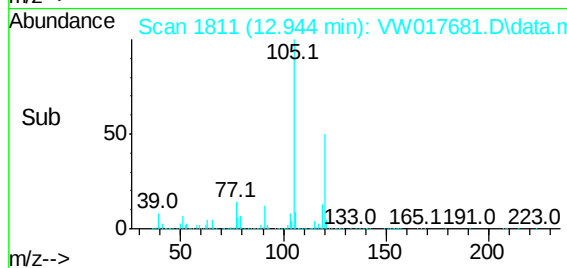
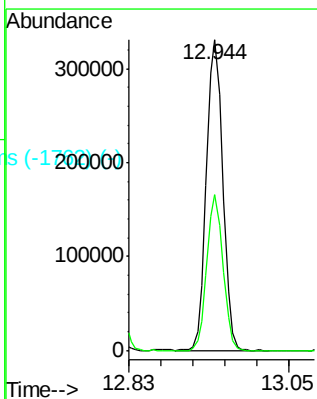
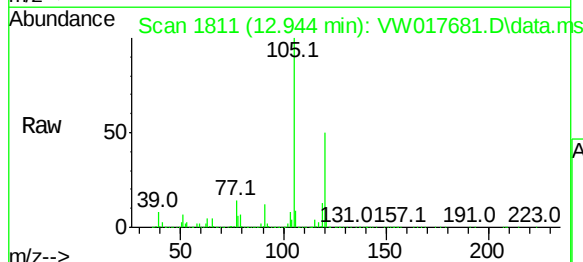
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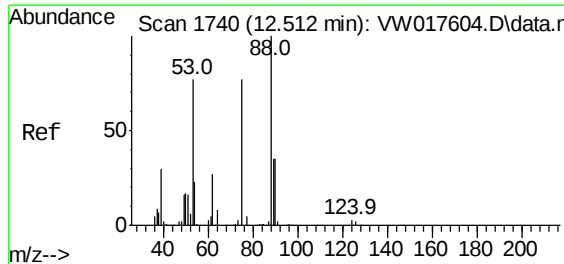
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#8002 (-)
1,3,5-Trimethylbenzene
Concen: 50.80 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 105 Resp: 517530
Ion Ratio Lower Upper
105 100
120 49.3 24.9 74.8





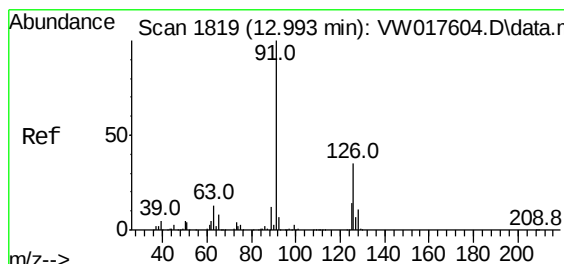
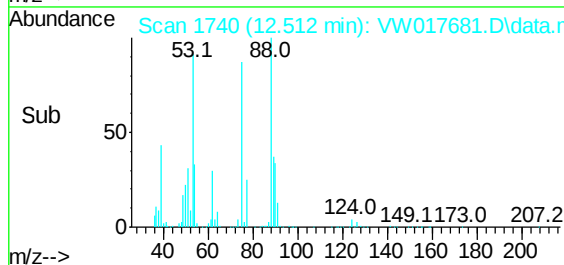
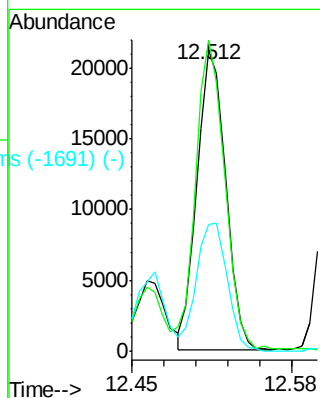
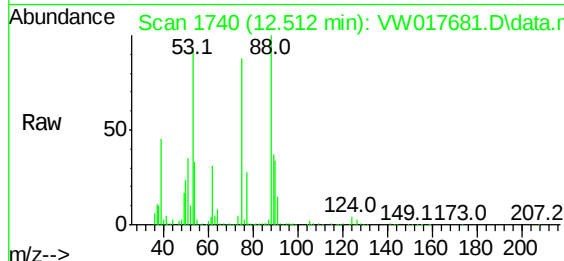
#1736 (-)
trans-1,4-Dichloro-2-butene
Concen: 44.88 ug/l
RT: 12.512 min Scan# 1740
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 75 Resp: 32455
Ion Ratio Lower Upper
75 100
53 106.3 77.0 115.4
89 45.9 38.7 58.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

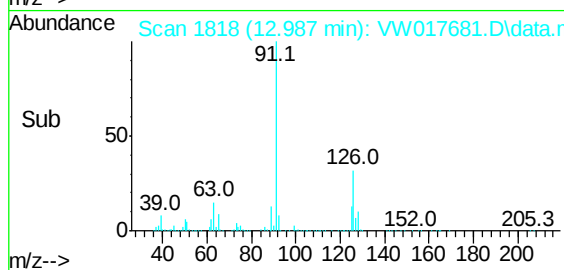
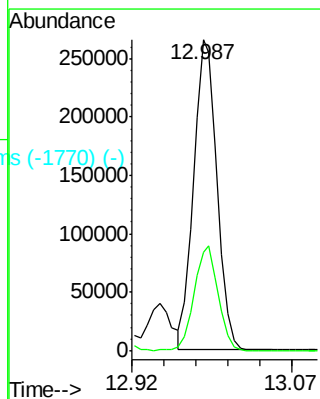
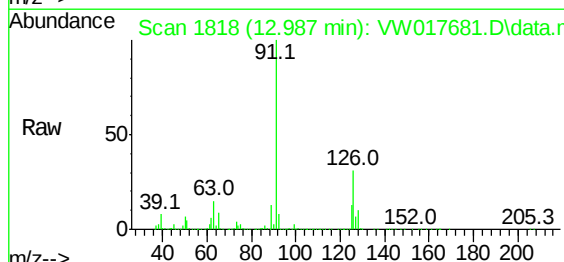
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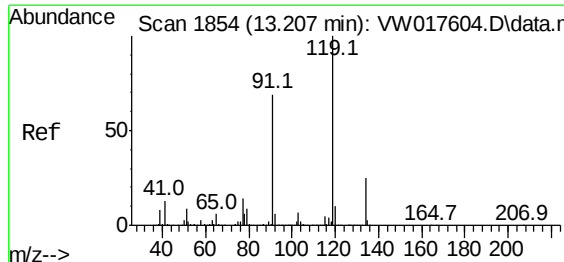
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#1731 (-)
4-Chlorotoluene
Concen: 50.65 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.006 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion: 91 Resp: 425956
Ion Ratio Lower Upper
91 100
126 34.4 18.1 54.3





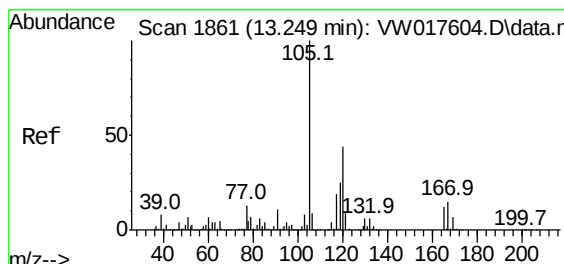
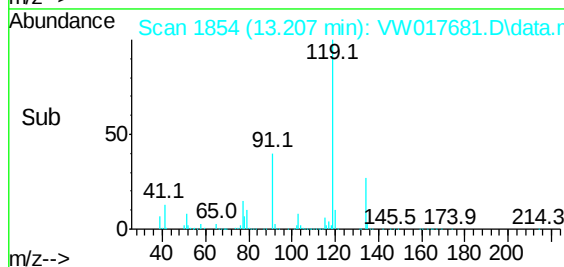
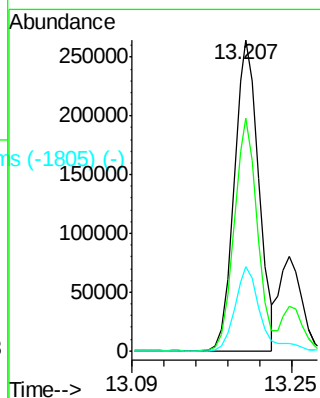
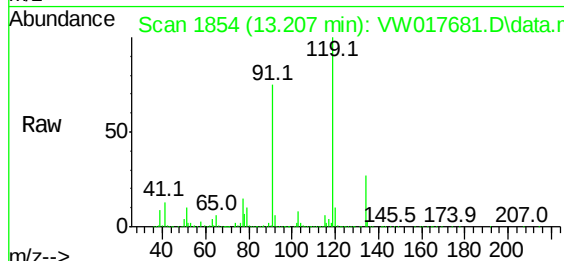
#8345 (-)
tert-Butylbenzene
Concen: 50.79 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:119 Resp: 442482
Ion Ratio Lower Upper
119 100
91 72.0 31.3 93.9
134 28.0 14.0 42.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

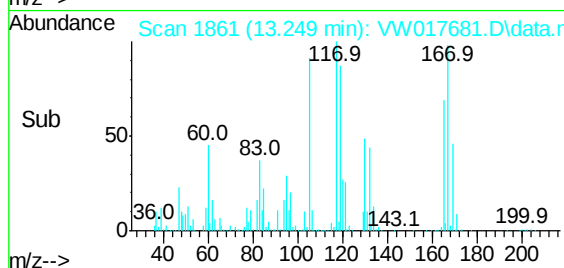
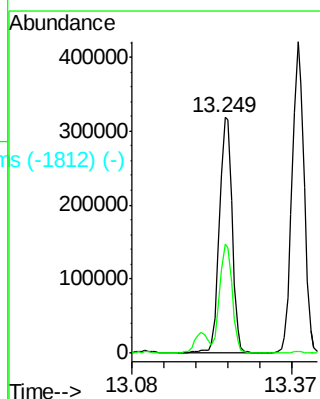
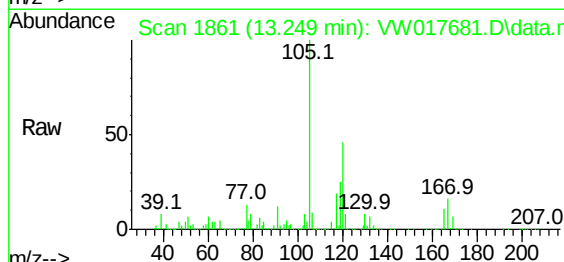
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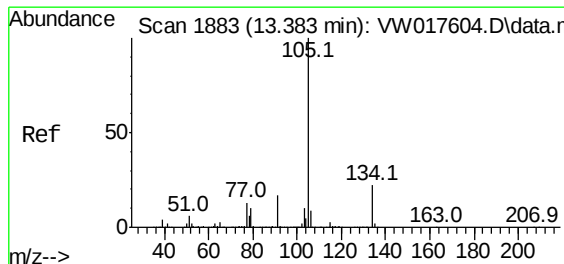
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#8348 (-)
1,2,4-Trimethylbenzene
Concen: 51.42 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:105 Resp: 515896
Ion Ratio Lower Upper
105 100
120 45.1 23.4 70.0



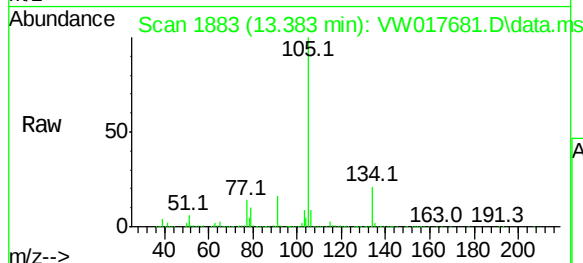


#85
sec-Butylbenzene
Concen: 52.47 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

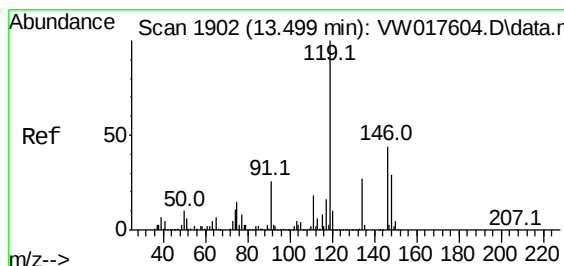
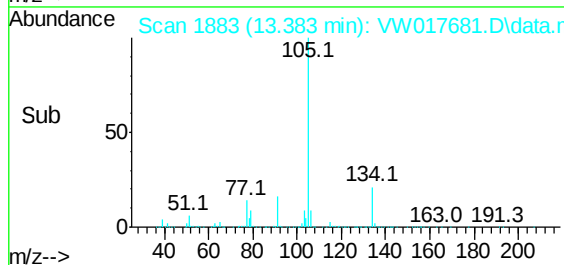
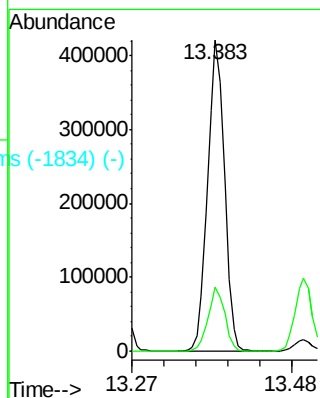
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

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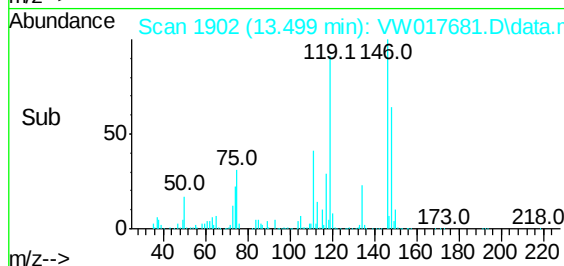
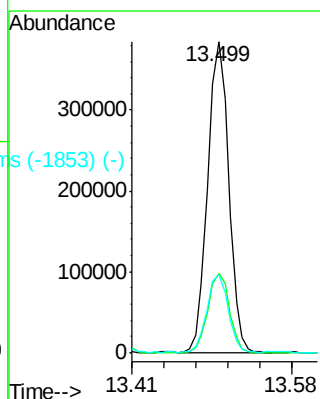
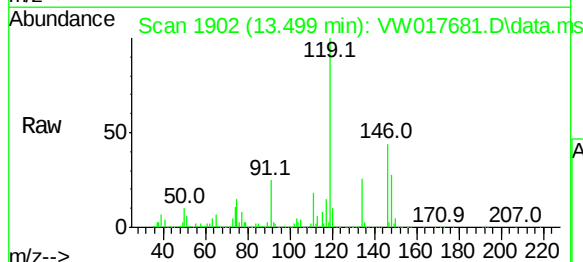


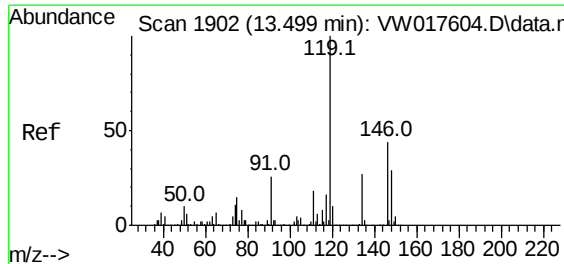
Tgt Ion:105 Resp: 641974
Ion Ratio Lower Upper
105 100
134 20.0 10.6 31.8



#86
p-Isopropyltoluene
Concen: 52.71 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:119 Resp: 582143
Ion Ratio Lower Upper
119 100
134 25.9 13.8 41.3
91 25.1 11.3 33.9





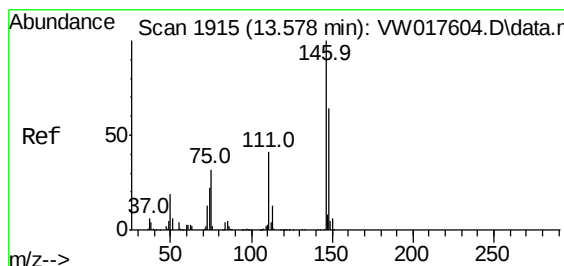
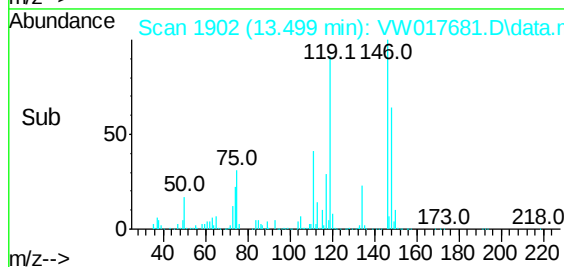
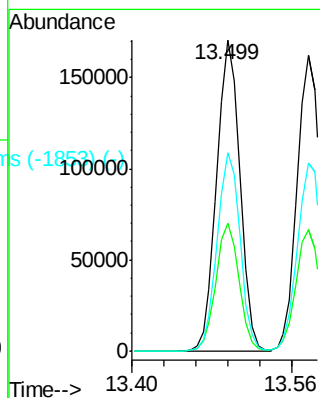
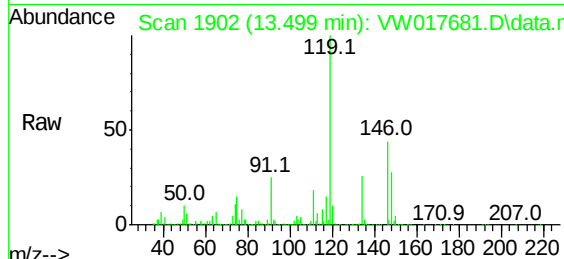
#1894 (-)
1,3-Dichlorobenzene
Concen: 52.48 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	146	Resp:	269640
Ion Ratio	Lower	Upper	
146	100		
111	40.3	19.1	57.5
148	62.9	32.5	97.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

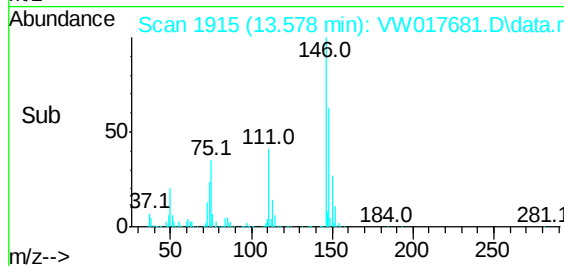
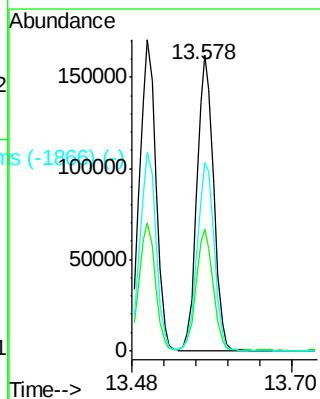
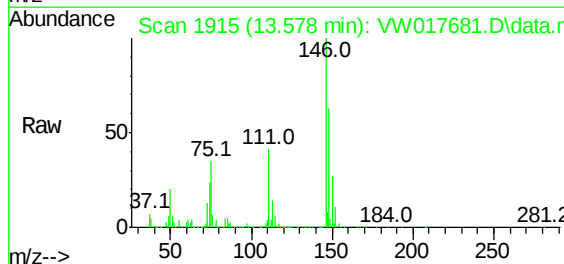
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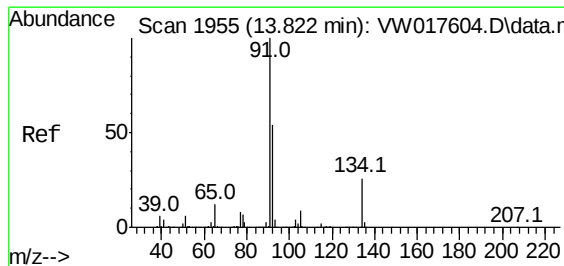
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#1909 (-)
1,4-Dichlorobenzene
Concen: 51.29 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

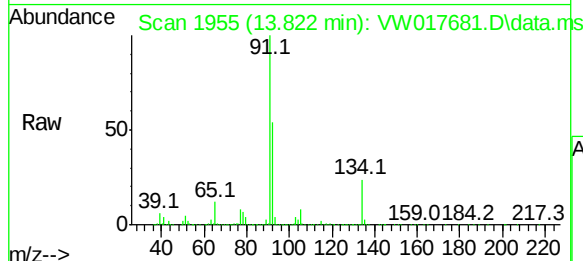
Tgt Ion:	146	Resp:	261562
Ion Ratio	Lower	Upper	
146	100		
111	41.5	18.5	55.5
148	64.5	31.8	95.4





#99 (-)
n-Butylbenzene
Concen: 52.71 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: Vw017681.D
Acq: 18 Dec 2020 17:17

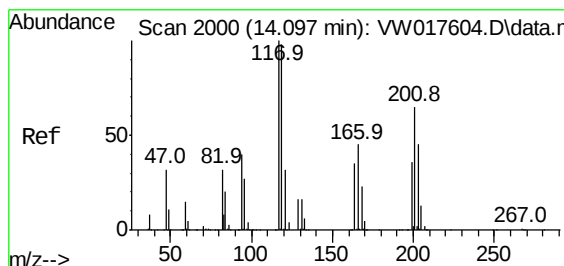
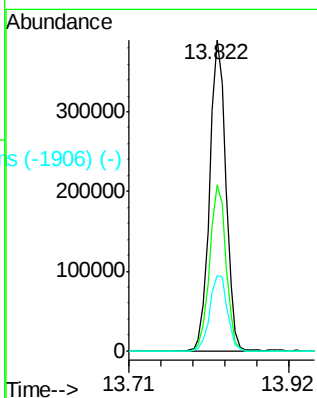
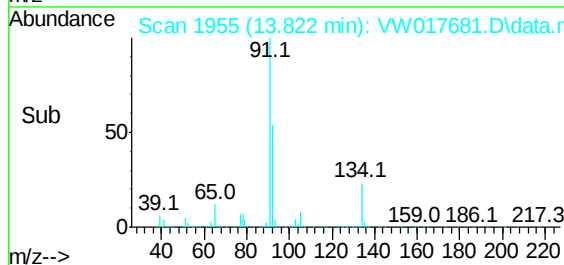
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



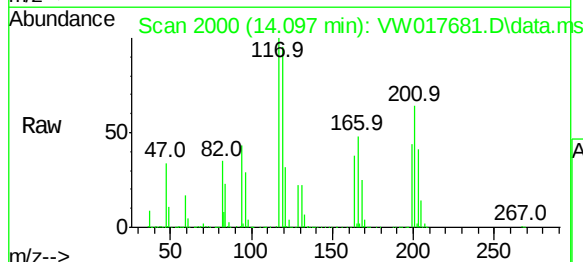
Tgt Ion: 91 Resp: 572156
Ion Ratio Lower Upper
91 100
92 53.8 26.6 79.7
134 26.0 14.3 42.9

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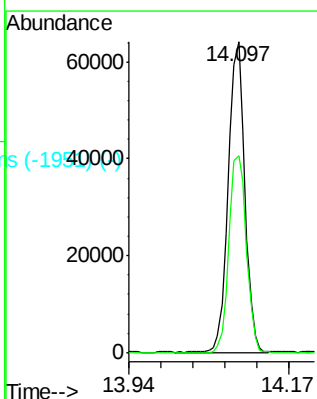
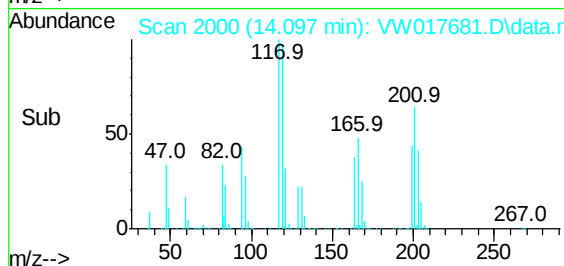
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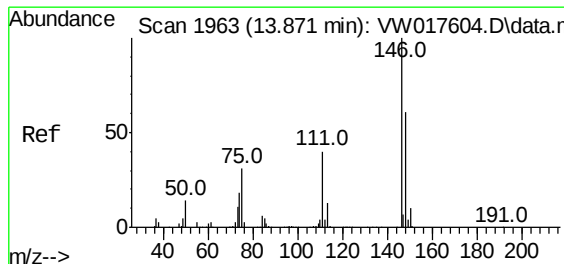


#990 (-)
Hexachloroethane
Concen: 49.28 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. -0.000 min
Lab File: Vw017681.D
Acq: 18 Dec 2020 17:17



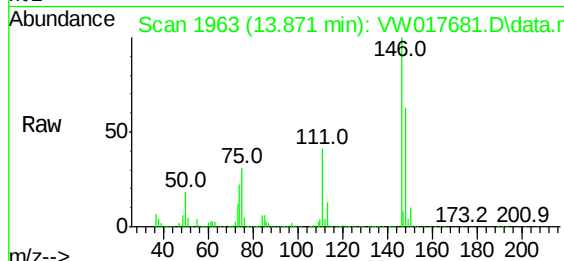
Tgt Ion: 117 Resp: 106936
Ion Ratio Lower Upper
117 100
201 66.6 41.9 125.7





#9154 (-)
1,2-Dichlorobenzene
Concen: 52.73 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

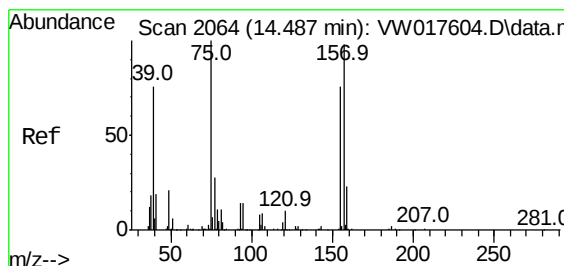
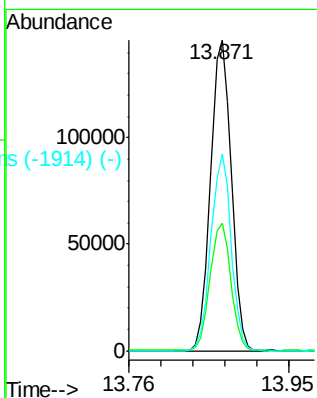
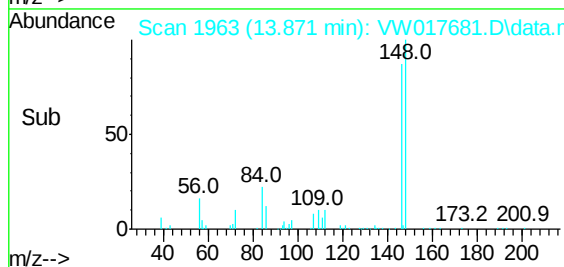
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



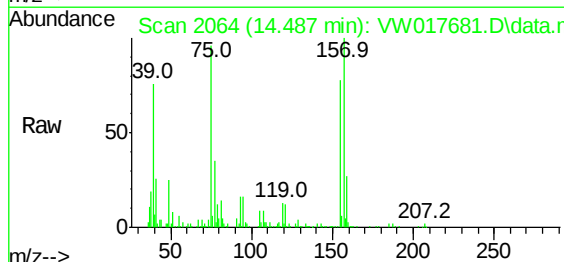
Tgt Ion:146 Resp: 240813
Ion Ratio Lower Upper
146 100
111 41.4 20.1 60.3
148 61.5 33.1 99.3

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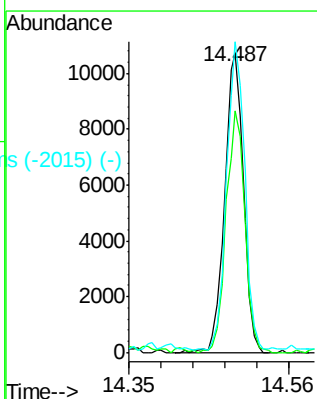
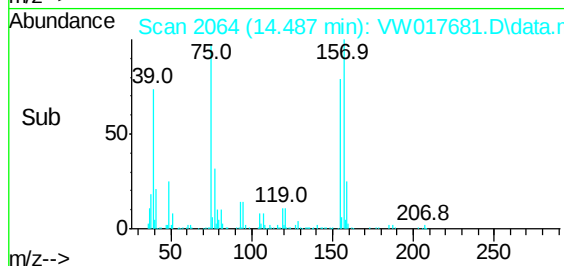
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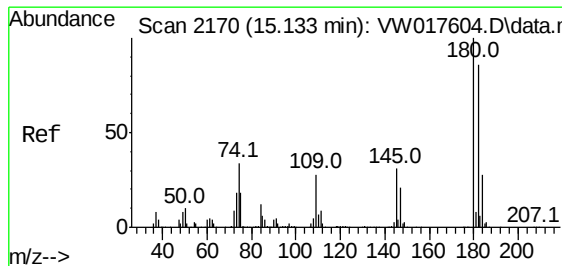


#9156 (-)
1,2-Dibromo-3-Chloropropane
Concen: 50.24 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



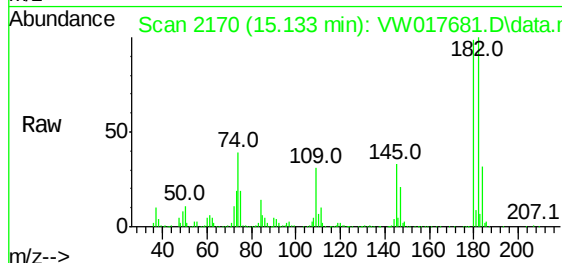
Tgt Ion: 75 Resp: 18354
Ion Ratio Lower Upper
75 100
155 80.3 47.6 142.8
157 100.3 62.2 186.6





#91
1,2,4-Trichlorobenzene
Concen: 51.68 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

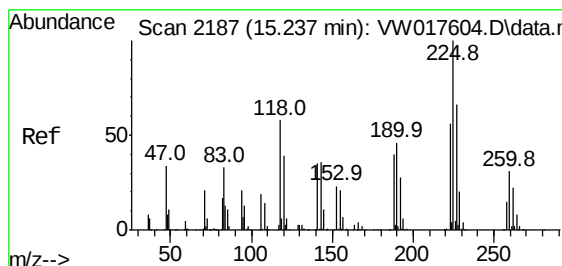
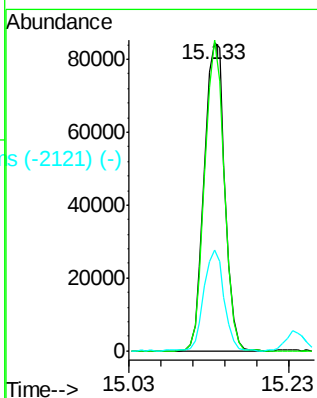
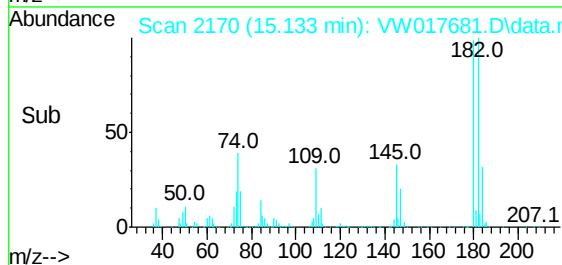
Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC



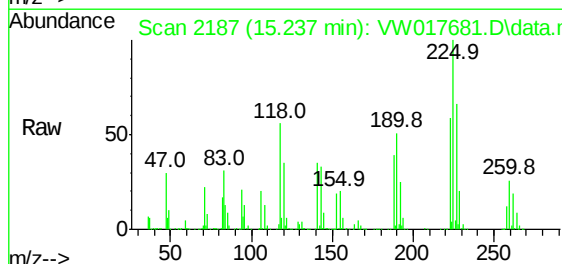
Tgt Ion:180 Resp: 150995
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.9
145 32.1 14.9 44.5

Manual Integrations
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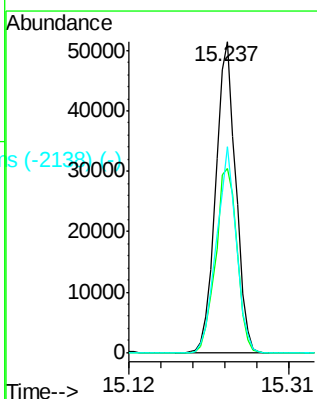
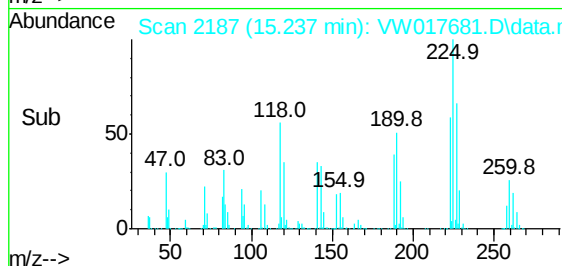
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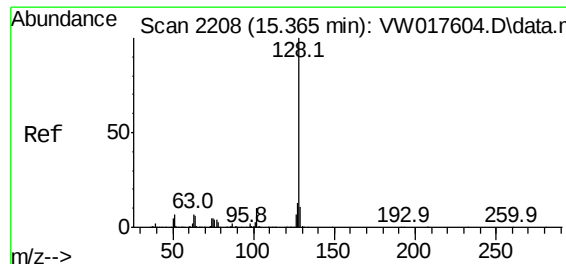


#91
Hexachlorobutadiene
Concen: 53.92 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17



Tgt Ion:225 Resp: 82798
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 65.3 33.0 99.0





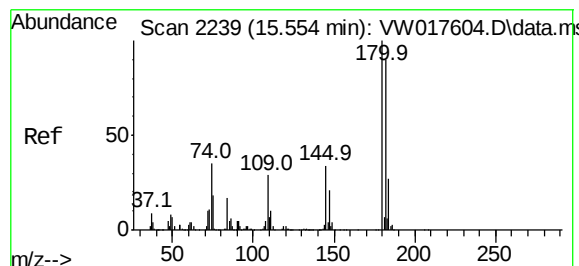
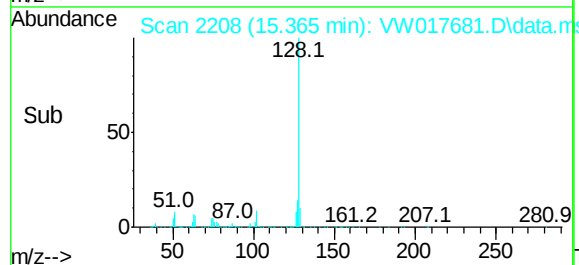
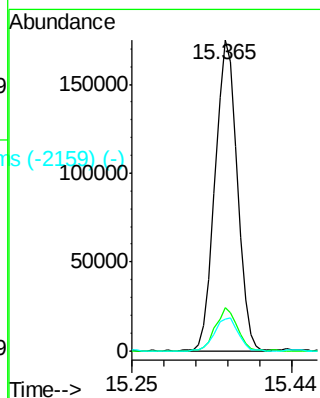
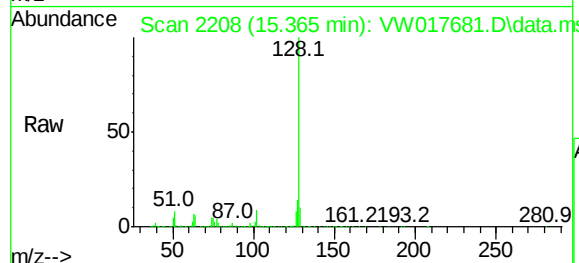
#2199 (-)
Naphthalene
Concen: 51.88 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	128	Resp:	310009
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.4	15.6
129	11.0	8.6	12.8

Manual Integrations
APPROVED

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#2230 (-)
1,2,3-Trichlorobenzene
Concen: 51.89 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW017681.D
Acq: 18 Dec 2020 17:17

Tgt Ion:	180	Resp:	131148
Ion Ratio	Lower	Upper	
180	100		
182	92.9	49.4	148.2
145	34.8	16.3	48.9

