

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw121420\
 Data File : VW017601.D
 Acq On : 14 Dec 2020 10:02
 Operator : SY/VA
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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 12/15/2020 4:50:18 PM

Quant Time: Dec 14 12:19:39 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:18:51 2020
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	282215	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	490332	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	436505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	208946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.311	65	18169	6.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	12.06%	
35) Dibromofluoromethane	7.885	113	17120	5.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	10.88%	
50) Toluene-d8	10.329	98	65654	5.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.08%	
62) 4-Bromofluorobenzene	12.621	95	23937	5.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	11.34%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.014	85	11335	5.80	ug/l	96
3) Chloromethane	2.215	50	14007	6.26	ug/l	94
4) Vinyl Chloride	2.367	62	18574	6.12	ug/l	89
5) Bromomethane	2.782	94	13938	6.49	ug/l	96
6) Chloroethane	2.928	64	11581	6.13	ug/l	99
7) Trichlorofluoromethane	3.263	101	13548	4.75	ug/l	98
8) Diethyl Ether	3.684	74	8314	5.98	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.080	101	16738	5.71	ug/l	86
10) Methyl Iodide	4.282	142	24160	5.56	ug/l	91
11) Tert butyl alcohol	5.153	59	13419	63.08	ug/l #	82
12) 1,1-Dichloroethene	4.056	96	17873	6.15	ug/l	94
13) Acrolein	3.904	56	4159	22.23	ug/l #	82
14) Allyl chloride	4.672	41	26424	6.19	ug/l	92
15) Acrylonitrile	5.373	53	18646	31.70	ug/l	98
16) Acetone	4.129	43	19045	32.12	ug/l	94
17) Carbon Disulfide	4.391	76	49095	5.75	ug/l	97
18) Methyl Acetate	4.684	43	8964	7.06	ug/l	94
19) Methyl tert-butyl Ether	5.434	73	23509	6.60	ug/l	94
20) Methylene Chloride	4.922	84	26410	7.32	ug/l	93
21) trans-1,2-Dichloroethene	5.434	96	18921	5.89	ug/l	99
22) Diisopropyl ether	6.312	45	47470	6.08	ug/l #	84
23) Vinyl Acetate	6.257	43	159263	32.44	ug/l	95
24) 1,1-Dichloroethane	6.226	63	32833	6.09	ug/l	96
25) 2-Butanone	7.177	43	30083	37.99	ug/l #	83
26) 2,2-Dichloropropane	7.171	77	31417	8.54	ug/l	83
27) cis-1,2-Dichloroethene	7.171	96	20371	6.00	ug/l	77
28) Bromochloromethane	7.519	49	13175	5.75	ug/l #	76
29) Tetrahydrofuran	7.531	42	15485	33.85	ug/l	96
30) Chloroform	7.677	83	32841	5.88	ug/l	96
31) Cyclohexane	7.958	56	35697	6.94	ug/l #	88
32) 1,1,1-Trichloroethane	7.878	97	27747	5.83	ug/l	93
36) 1,1-Dichloropropene	8.086	75	27649	5.65	ug/l	95
37) Ethyl Acetate	7.257	43	12040	6.63	ug/l #	89
38) Carbon Tetrachloride	8.073	117	26980	5.29	ug/l	86
39) Methylcyclohexane	9.335	83	34009	5.78	ug/l	94

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 Quant Title : Sw846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.330	78	71231	5.34	ug/l	98
41) Methacrylonitrile	7.482	41	6563	5.97	ug/l	95
42) 1,2-Dichloroethane	8.403	62	21708	5.50	ug/l	99
43) Isopropyl Acetate	8.427	43	20721	6.05	ug/l #	95
44) Trichloroethene	9.098	130	19583	5.14	ug/l	100
45) 1,2-Dichloropropane	9.372	63	17711	5.46	ug/l #	88
46) Dibromomethane	9.457	93	9984	5.65	ug/l #	86
47) Bromodichloromethane	9.646	83	24276	5.34	ug/l	98
48) Methyl methacrylate	9.439	41	9544	5.43	ug/l	97
49) 1,4-Dioxane	9.457	88	2527	133.11	ug/l #	84
51) 4-Methyl-2-Pentanone	10.213	43	56432	33.13	ug/l	92
52) Toluene	10.390	92	46098	5.46	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	24938	5.72	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	29858	5.86	ug/l #	89
55) 1,1,2-Trichloroethane	10.786	97	13513	5.64	ug/l	97
56) Ethyl methacrylate	10.646	69	16964	6.22	ug/l	92
57) 1,3-Dichloropropane	10.933	76	23971	5.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	39491	29.11	ug/l	90
59) 2-Hexanone	10.969	43	33955	30.04	ug/l	98
60) Dibromochloromethane	11.128	129	15692	5.18	ug/l	99
61) 1,2-Dibromoethane	11.238	107	12908	5.53	ug/l	99
64) Tetrachloroethene	10.866	164	15921	5.19	ug/l	93
65) Chlorobenzene	11.658	112	47751	5.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	16853	5.09	ug/l	98
67) Ethyl Benzene	11.731	91	91228	5.59	ug/l	97
68) m/p-Xylenes	11.841	106	69497	11.34	ug/l	98
69) o-Xylene	12.164	106	31754	5.68	ug/l	95
70) Styrene	12.183	104	52132	5.44	ug/l	95
71) Bromoform	12.347	173	8985	5.37	ug/l #	100
73) Isopropylbenzene	12.463	105	89565	6.00	ug/l	99
74) N-amyl acetate	12.274	43	19770	7.17	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.713	83	15873	6.31	ug/l	95
76) 1,2,3-Trichloropropane	12.768	75	10989m	5.94	ug/l	
77) Bromobenzene	12.749	156	19175	5.49	ug/l	81
78) n-propylbenzene	12.804	91	105297	5.86	ug/l	98
79) 2-Chlorotoluene	12.890	91	58521	5.79	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	75834	6.03	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.518	75	5211	6.48	ug/l	95
82) 4-Chlorotoluene	12.993	91	61490	5.78	ug/l	95
83) tert-Butylbenzene	13.207	119	63535	5.89	ug/l	92
84) 1,2,4-Trimethylbenzene	13.249	105	75485	6.02	ug/l	97
85) sec-Butylbenzene	13.384	105	89191	5.88	ug/l	97
86) p-Isopropyltoluene	13.499	119	81931	5.85	ug/l	96
87) 1,3-Dichlorobenzene	13.499	146	38357	5.53	ug/l	94
88) 1,4-Dichlorobenzene	13.579	146	37736	5.52	ug/l	92
89) n-Butylbenzene	13.822	91	82659	6.20	ug/l	98
90) Hexachloroethane	14.097	117	16025	5.99	ug/l	77
91) 1,2-Dichlorobenzene	13.871	146	33582	5.56	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.487	75	2932	6.74	ug/l	76
93) 1,2,4-Trichlorobenzene	15.133	180	22022	5.41	ug/l	97
94) Hexachlorobutadiene	15.237	225	11852	4.94	ug/l	94
95) Naphthalene	15.365	128	44538	6.30	ug/l	98

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 ClientSampleId :
 VSTDIC005

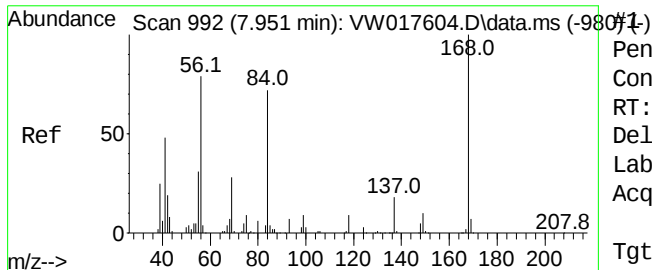
Manual Integrations
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.554	180	19345	5.48	ug/l	96

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



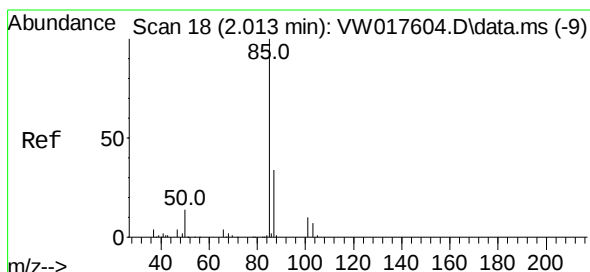
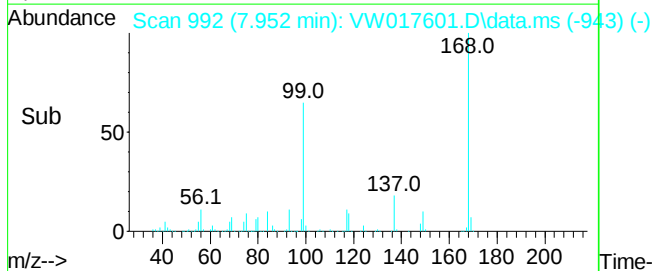
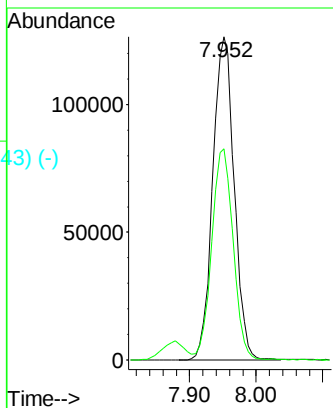
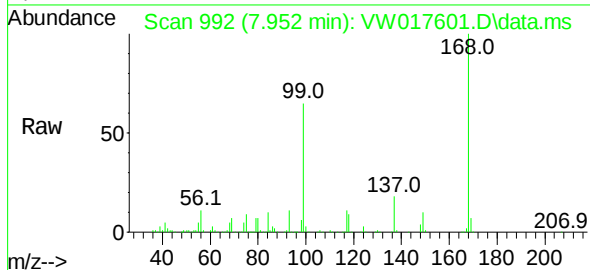
Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. 0.001 min
 Lab File: VW017601.D
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 MSVOA_W
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 VSTDIC005

Tgt Ion:168 Resp: 282215
 Ion Ratio Lower Upper
 168 100
 99 65.3 40.7 61.1#

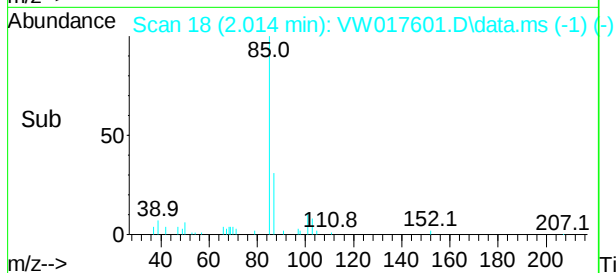
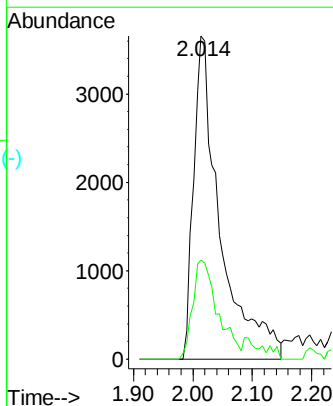
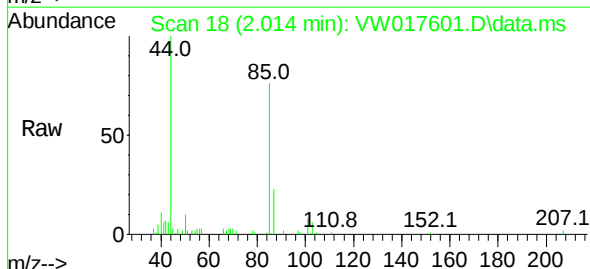
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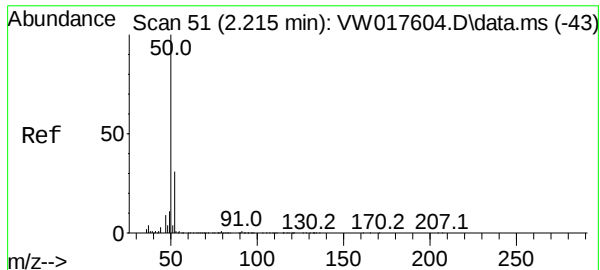
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Dichlorodifluoromethane
 Concen: 5.80 ug/l
 RT: 2.014 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion: 85 Resp: 11335
 Ion Ratio Lower Upper
 85 100
 87 30.6 16.3 48.9





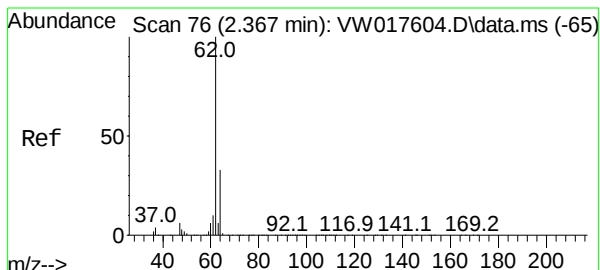
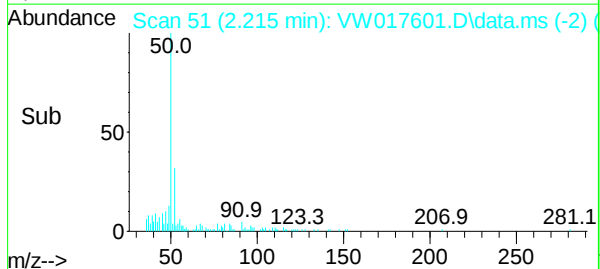
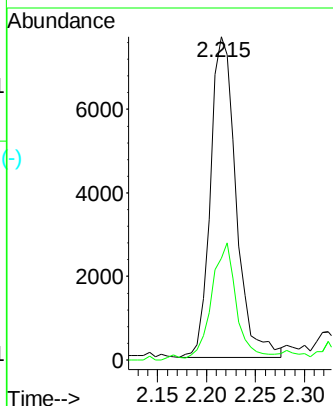
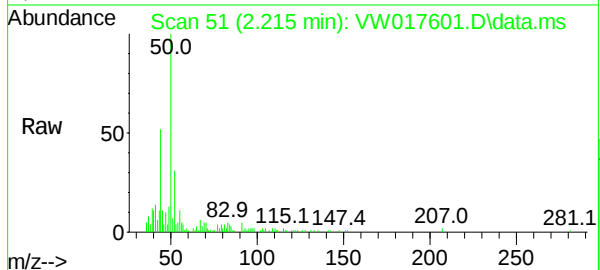
Chloromethane
Concen: 6.26 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 50 Resp: 14007
Ion Ratio Lower Upper
50 100
52 31.0 27.6 41.4

Instrument :
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VSTDIC005

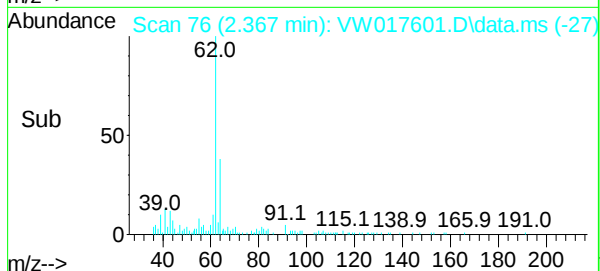
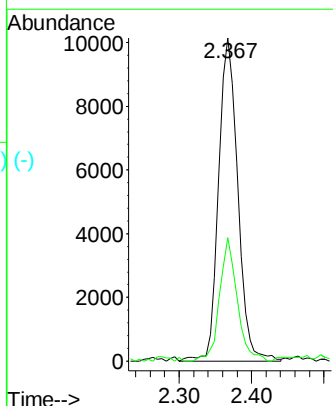
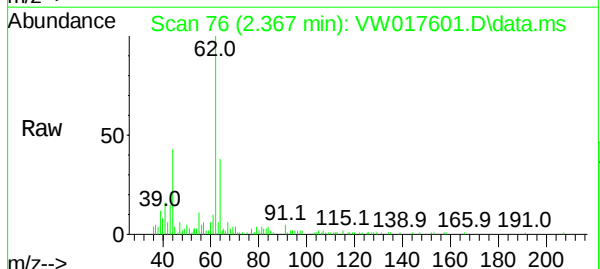
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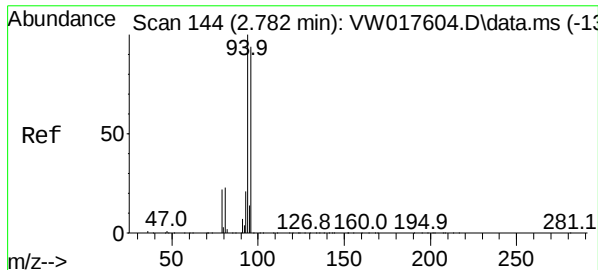
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Vinyl Chloride
Concen: 6.12 ug/l
RT: 2.367 min Scan# 76
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 62 Resp: 18574
Ion Ratio Lower Upper
62 100
64 37.0 25.0 37.4





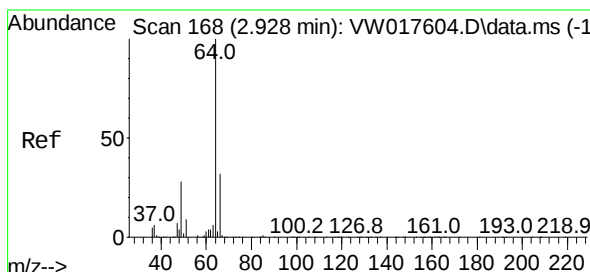
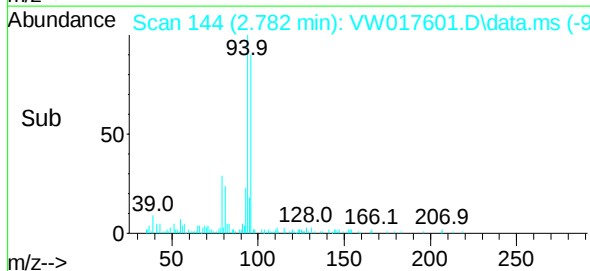
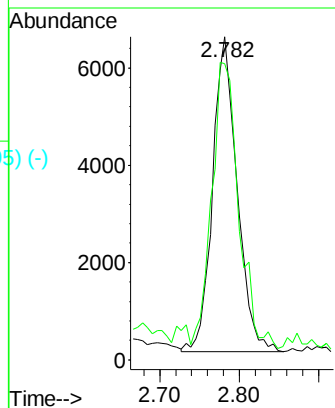
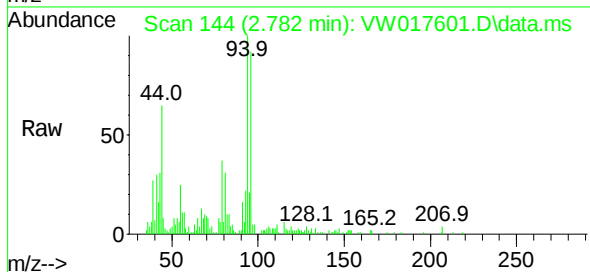
Bromomethane
 Concen: 6.49 ug/l
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

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 MSVOA_W
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 VSTDIC005

Tgt Ion: 94 Resp: 13938
 Ion Ratio Lower Upper
 94 100
 96 90.0 74.7 112.1

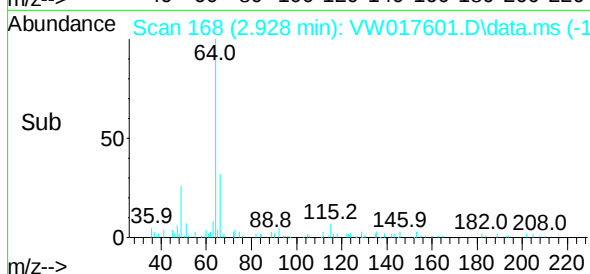
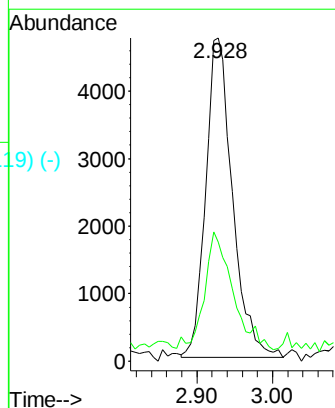
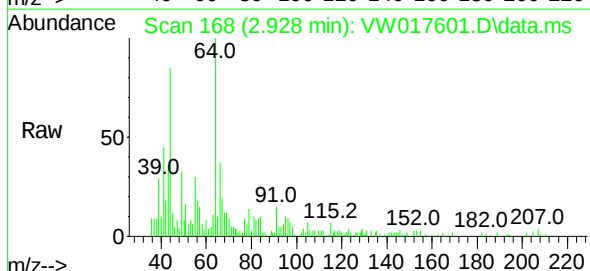
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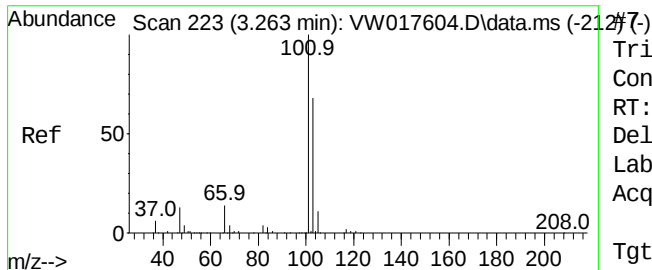
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Chloroethane
 Concen: 6.13 ug/l
 RT: 2.928 min Scan# 168
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion: 64 Resp: 11581
 Ion Ratio Lower Upper
 64 100
 66 31.8 25.0 37.6





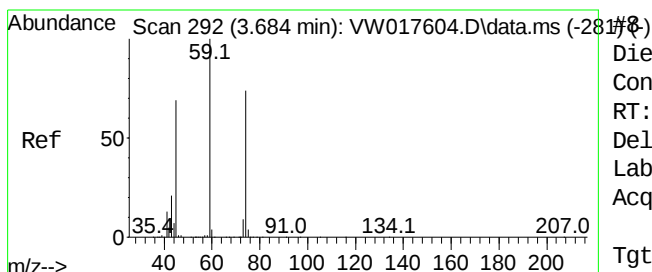
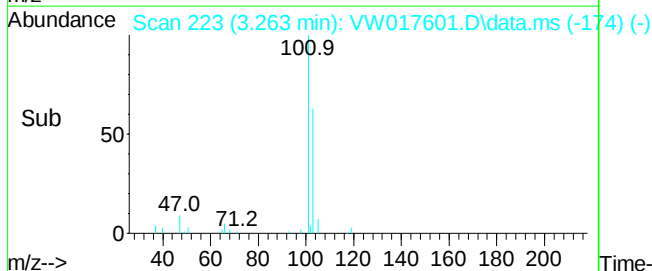
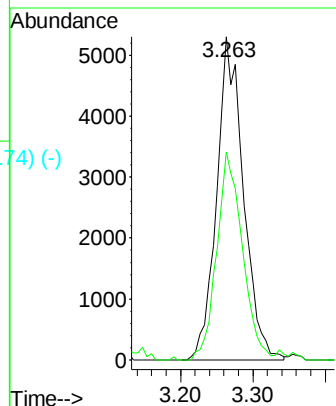
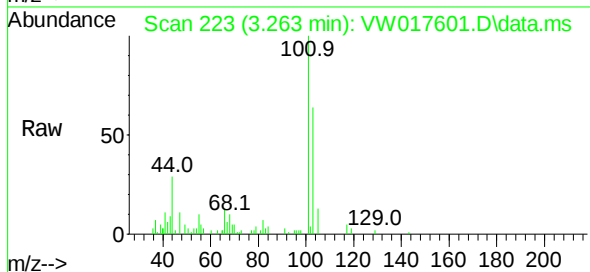
Trichlorofluoromethane
Concen: 4.75 ug/l
RT: 3.263 min Scan# 223
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 101 Resp: 13548
Ion Ratio Lower Upper
101 100
103 64.4 52.6 79.0

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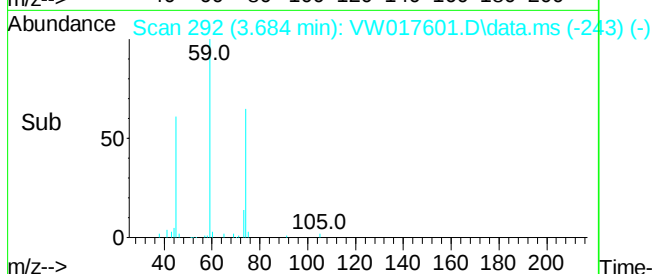
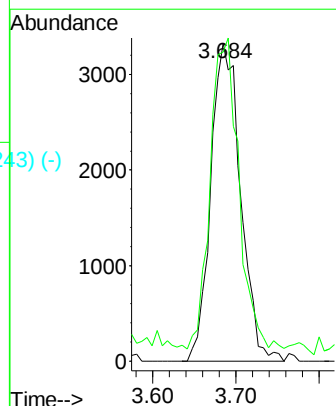
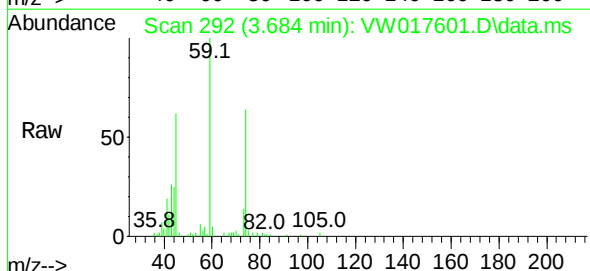
Manual Integrations
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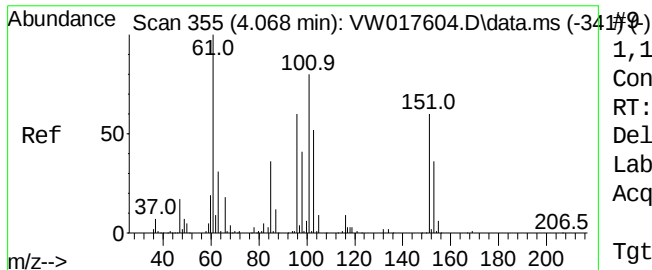
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Diethyl Ether
Concen: 5.98 ug/l
RT: 3.684 min Scan# 292
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 74 Resp: 8314
Ion Ratio Lower Upper
74 100
45 94.7 41.1 123.4





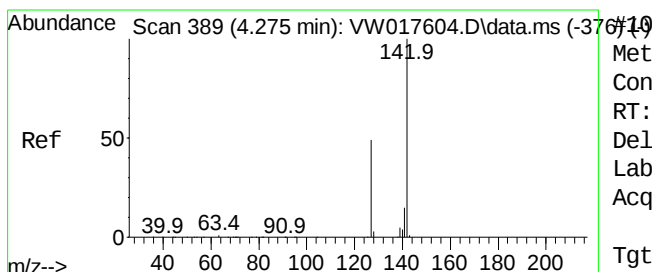
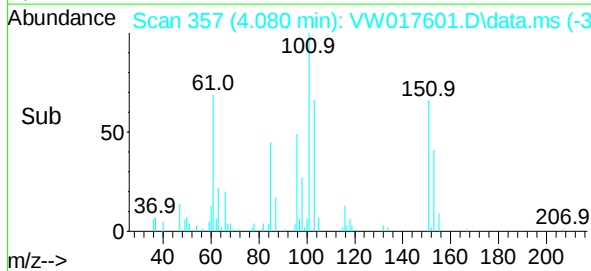
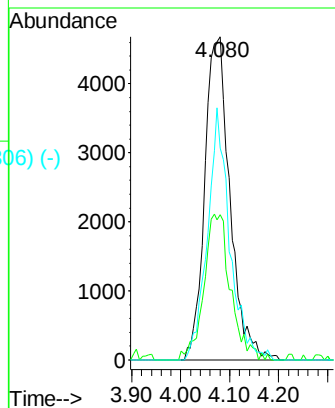
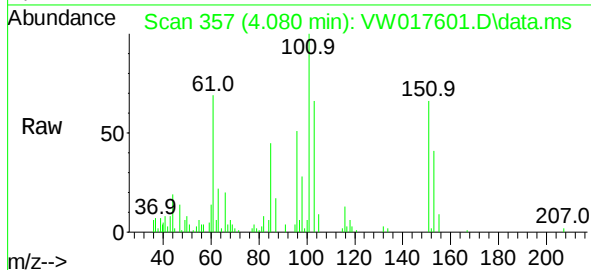
1,1,2-Trichlorotrifluoroethane
Concen: 5.71 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.012 min
Lab File: VW017601.D
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Tgt Ion	Ratio	Resp	Lower	Upper
101	100	16738		
85	47.6	33.2	49.8	
151	68.8	66.6	100.0	

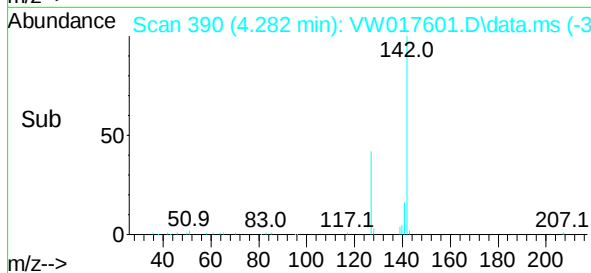
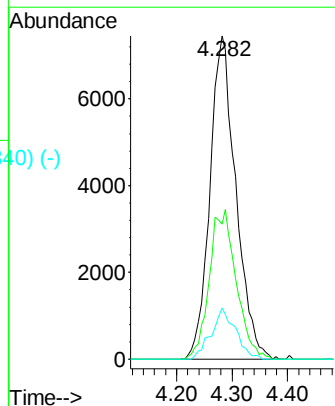
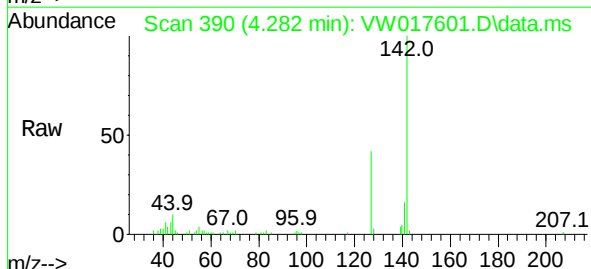
Manual Integrations
APPROVED

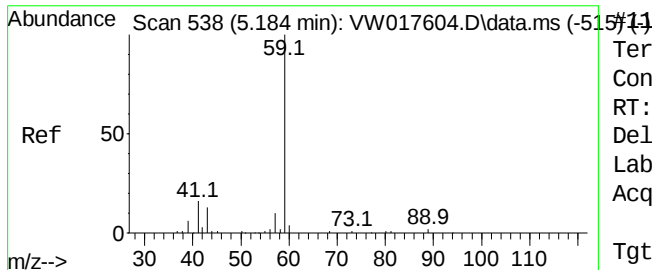
MMDadoda
12/15/2020 4:50:18 PM



Methyl Iodide
Concen: 5.56 ug/l
RT: 4.282 min Scan# 390
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	24160		
127	47.9	32.4	48.6	
141	14.8	11.4	17.0	





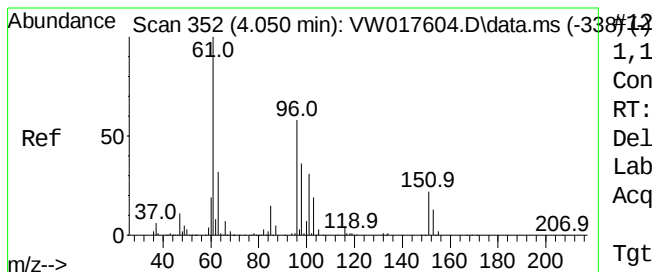
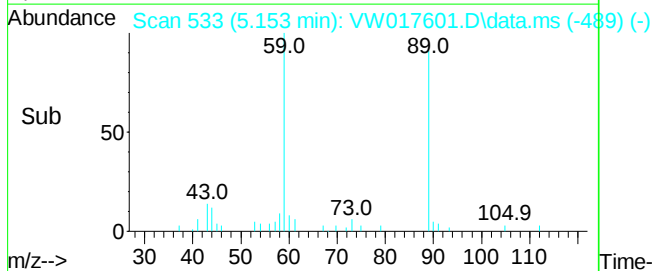
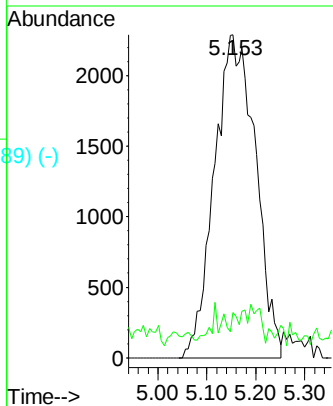
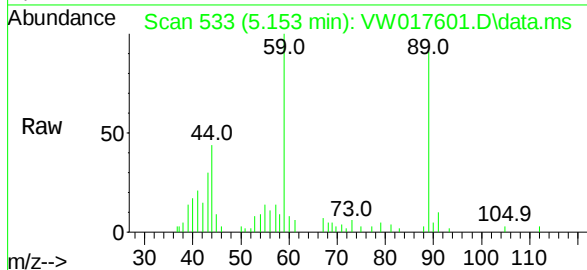
Tert butyl alcohol
Concen: 63.08 ug/l
RT: 5.153 min Scan# 533
Delta R.T. -0.030 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampled :
VSTDIC005

Tgt Ion: 59 Resp: 13419
Ion Ratio Lower Upper
59 100
57 0.0 4.7 7.1#

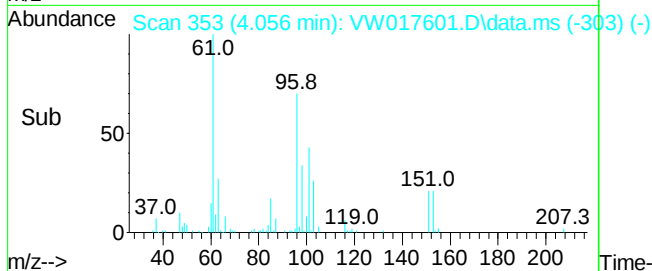
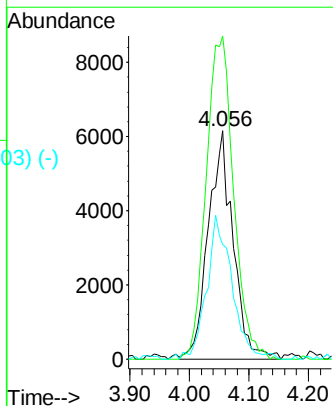
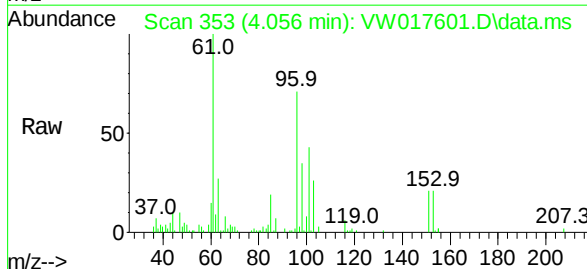
Manual Integrations
APPROVED

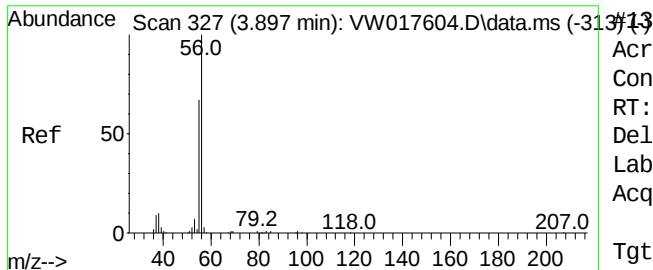
MMDadoda
12/15/2020 4:50:18 PM



1,1-Dichloroethene
Concen: 6.15 ug/l
RT: 4.056 min Scan# 353
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 96 Resp: 17873
Ion Ratio Lower Upper
96 100
61 141.5 111.7 167.5
98 50.0 49.0 73.4





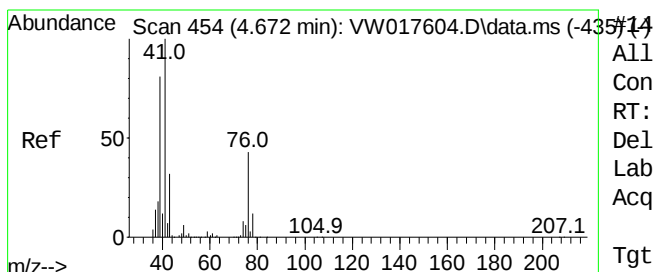
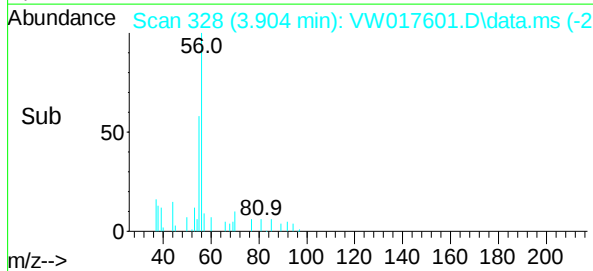
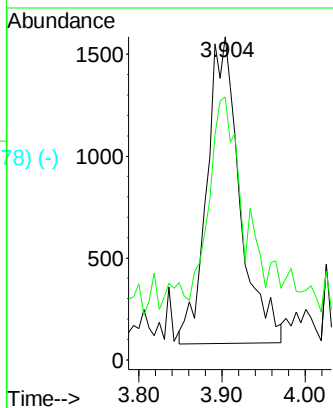
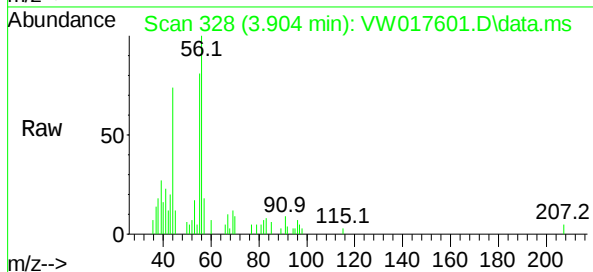
#13
Acrolein
Concen: 22.23 ug/l
RT: 3.904 min Scan# 328
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 56 Resp: 4159
Ion Ratio Lower Upper
56 100
55 55.1 55.9 83.9#

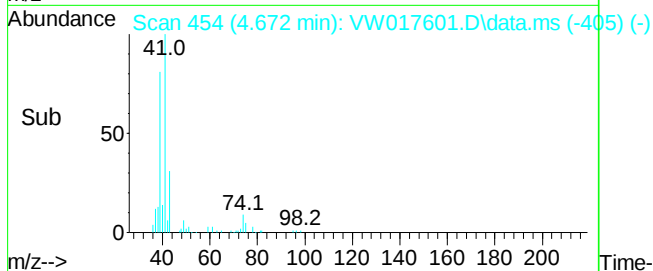
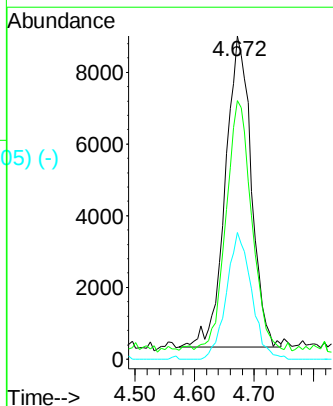
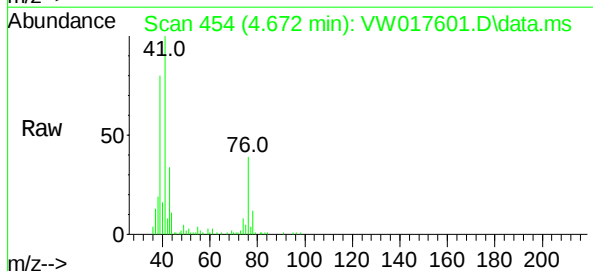
Manual Integrations
APPROVED

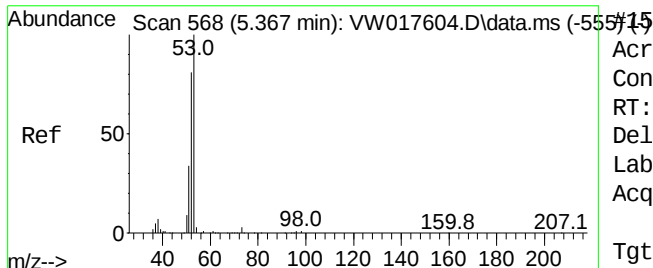
MMDadoda
12/15/2020 4:50:18 PM



#14
Allyl chloride
Concen: 6.19 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

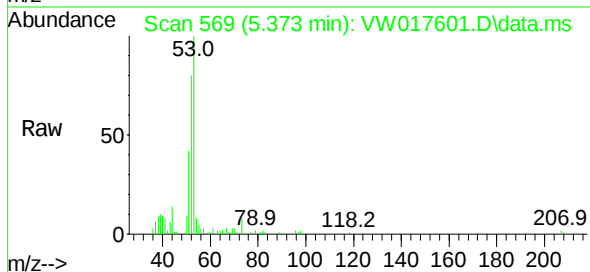
Tgt Ion: 41 Resp: 26424
Ion Ratio Lower Upper
41 100
39 78.9 57.8 86.8
76 39.1 35.1 52.7





Acrylonitrile
 Concen: 31.70 ug/l
 RT: 5.373 min Scan# 569
 Delta R.T. 0.006 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

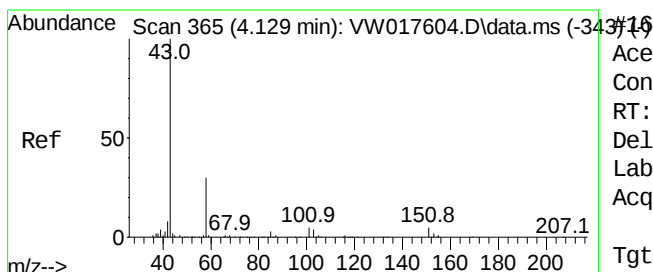
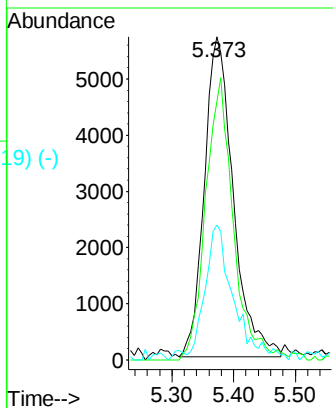
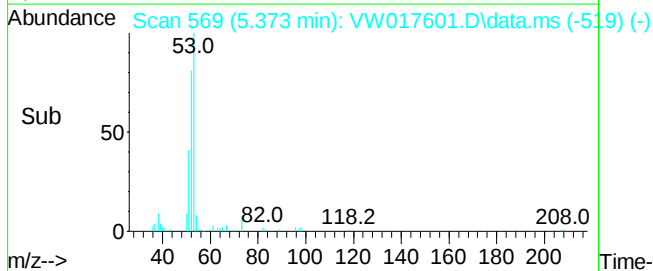
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005



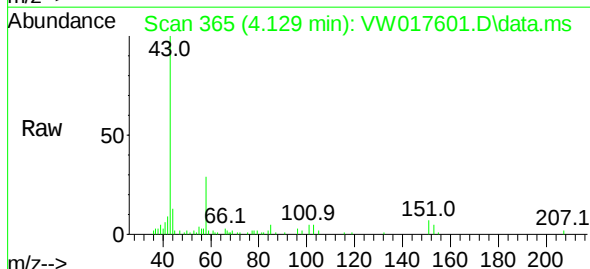
Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.2	65.0	97.4
51	36.7	29.1	43.7

Manual Integrations
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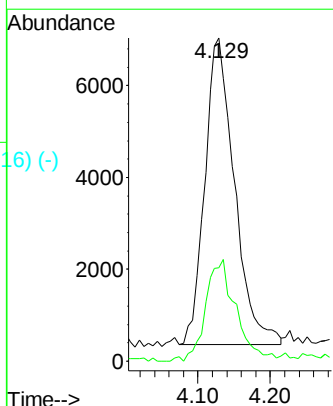
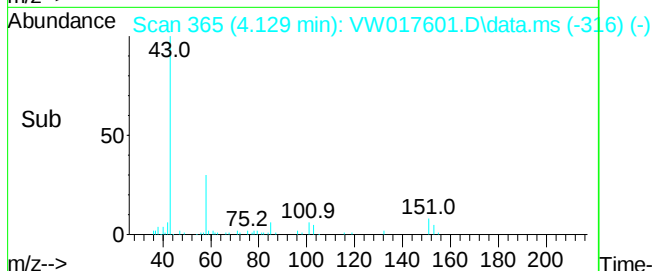
MMDadoda
 12/15/2020 4:50:18 PM

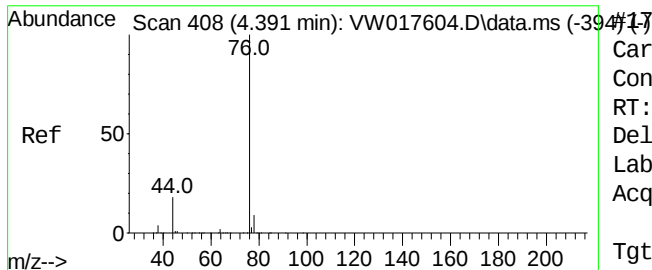


Acetone
 Concen: 32.12 ug/l
 RT: 4.129 min Scan# 365
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02



Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.7	38.5





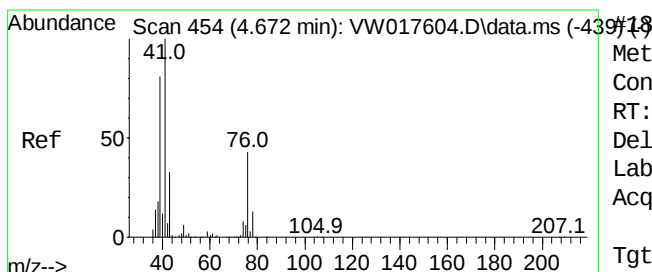
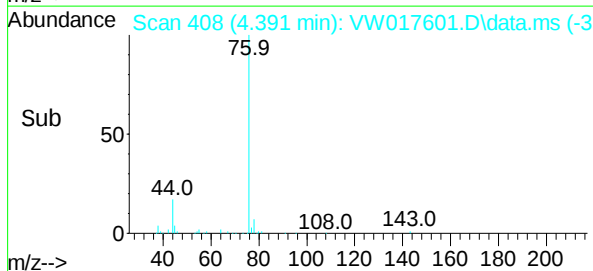
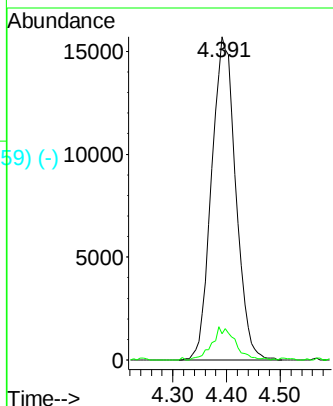
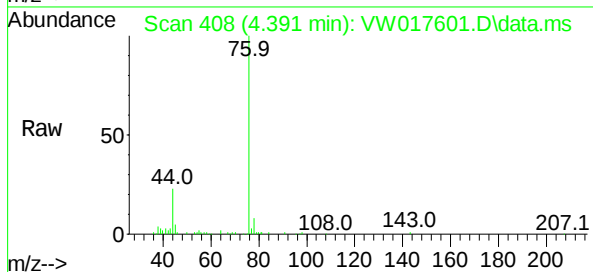
Carbon Disulfide
Concen: 5.75 ug/l
RT: 4.391 min Scan# 408
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 49095
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.2

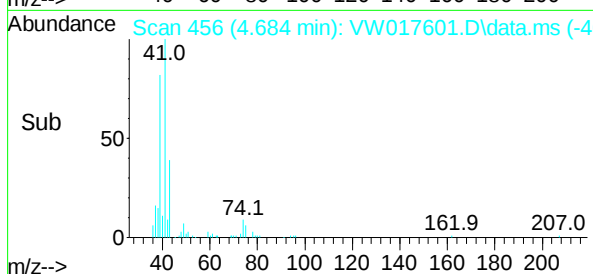
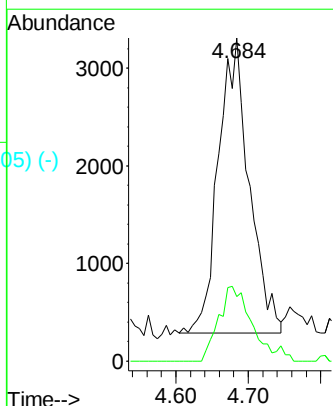
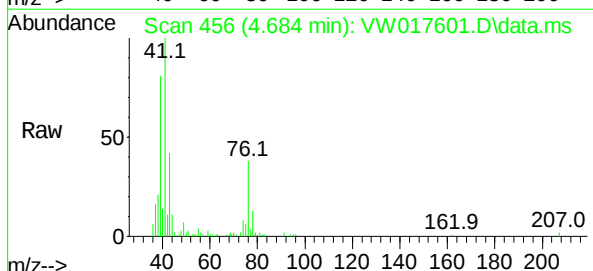
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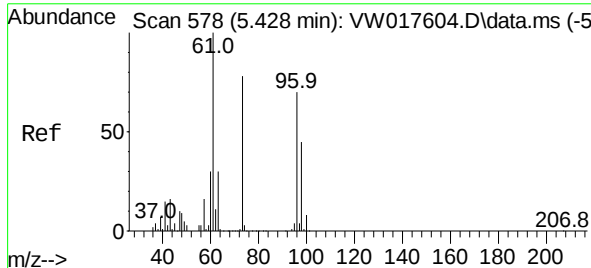
MMDadoda
12/15/2020 4:50:18 PM



Methyl Acetate
Concen: 7.06 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 43 Resp: 8964
Ion Ratio Lower Upper
43 100
74 26.5 23.8 35.6





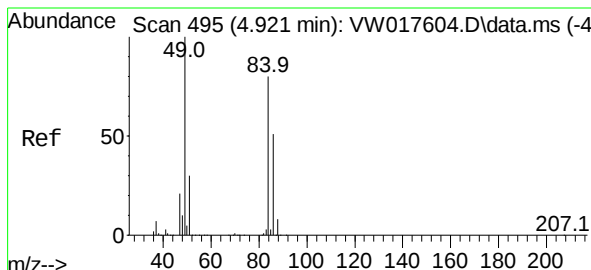
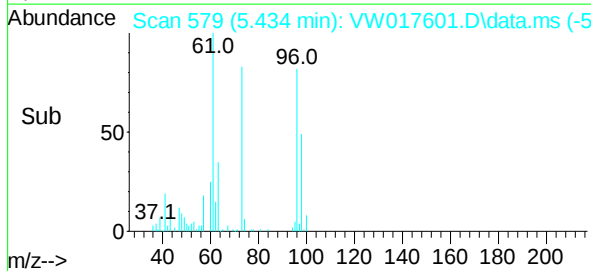
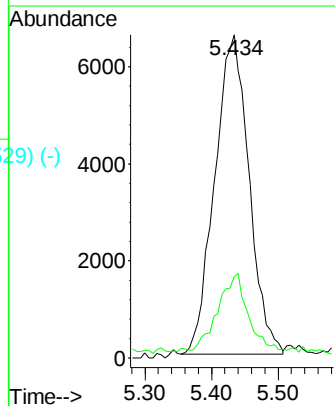
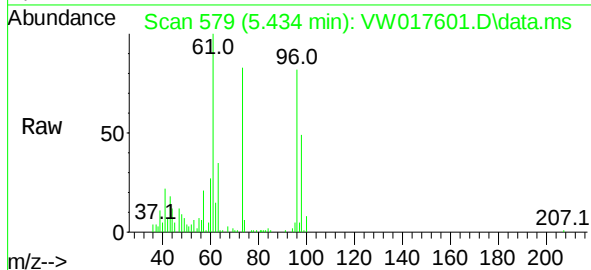
Methyl tert-butyl Ether
Concen: 6.60 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 23509
Ion Ratio Lower Upper
73 100
57 22.7 16.1 24.1

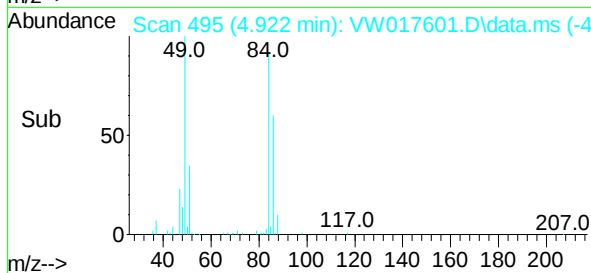
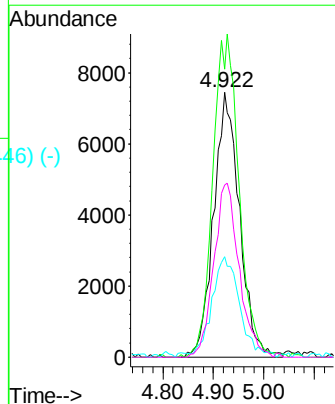
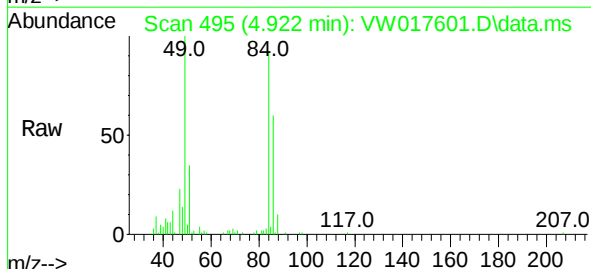
Manual Integrations
APPROVED

MMDadoda
12/15/2020 4:50:18 PM

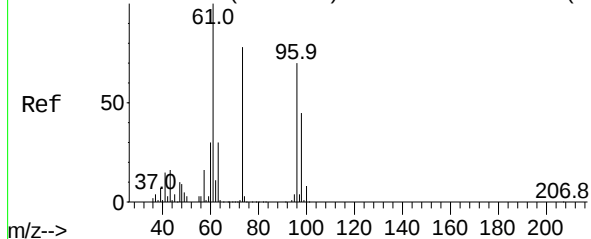


Methylene Chloride
Concen: 7.32 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 84 Resp: 26410
Ion Ratio Lower Upper
84 100
49 107.7 79.0 118.6
51 36.7 26.1 39.1
86 64.9 50.1 75.1



Abundance Scan 578 (5.428 min): VW017604.D\data.ms (-562) #21



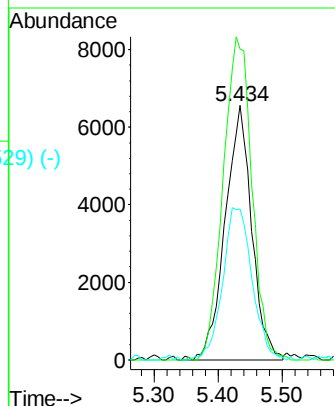
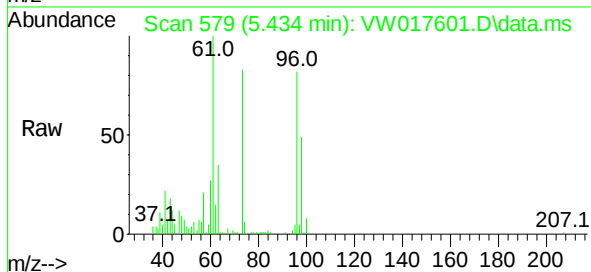
trans-1,2-Dichloroethene
Concen: 5.89 ug/l
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	122.4	97.4	146.0
98	59.4	49.4	74.0

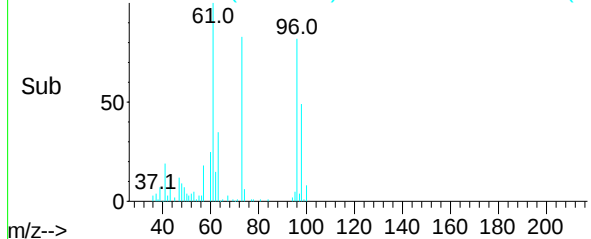
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
APPROVED

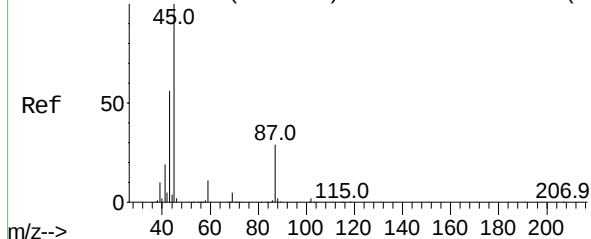
MMDadoda
12/15/2020 4:50:18 PM



Abundance Scan 579 (5.434 min): VW017601.D\data.ms (-529) (-)

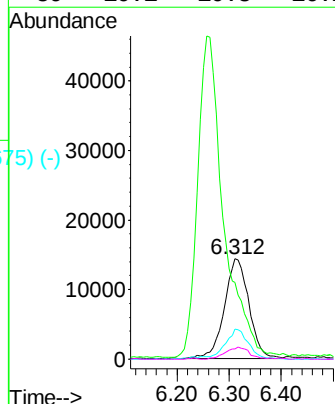
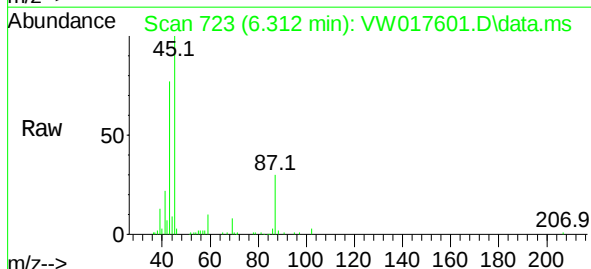


Abundance Scan 724 (6.318 min): VW017604.D\data.ms (-704) #22

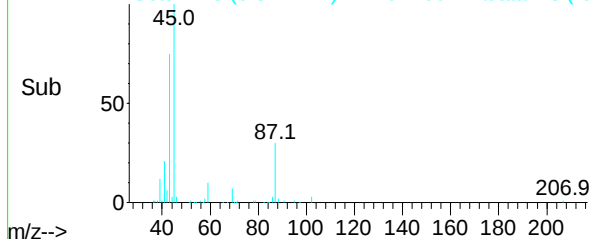


Diisopropyl ether
Concen: 6.08 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

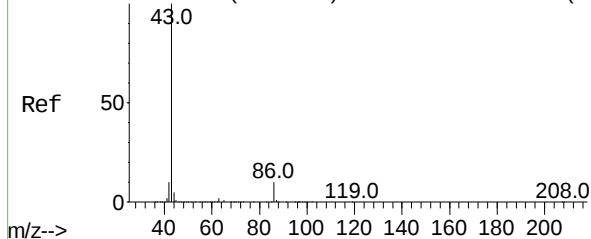
Tgt Ion	Ratio	Lower	Upper
45	100		
43	71.5	43.8	65.8#
87	29.9	27.6	41.4
59	10.1	10.8	16.2#



Abundance Scan 723 (6.312 min): VW017601.D\data.ms (-675) (-)



Abundance Scan 714 (6.257 min): VW017604.D\data.ms (-701#23)



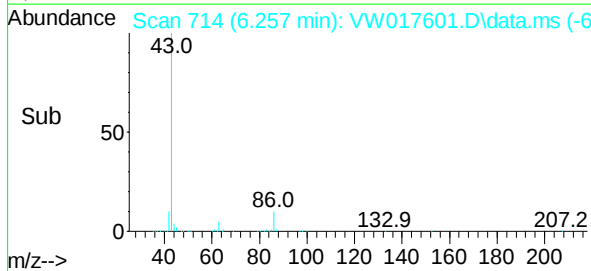
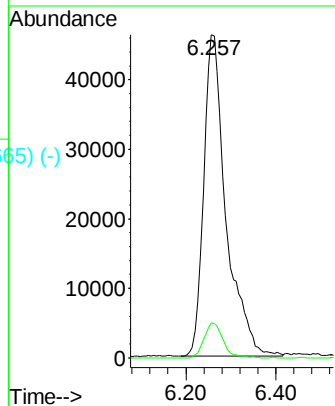
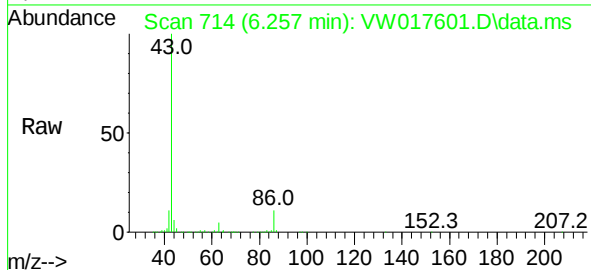
Vinyl Acetate
Concen: 32.44 ug/l
RT: 6.257 min Scan# 714
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 43 Resp: 159263
Ion Ratio Lower Upper
43 100
86 10.9 10.2 15.4

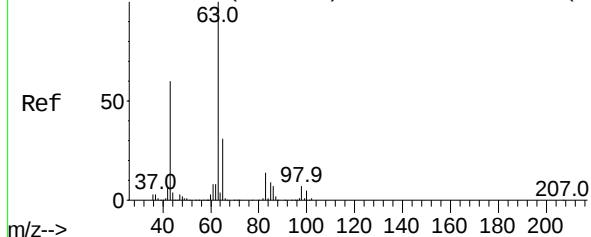
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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12/15/2020 4:50:18 PM

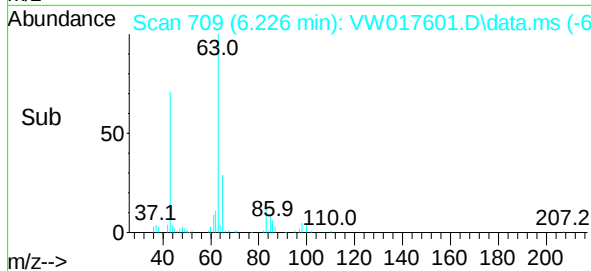
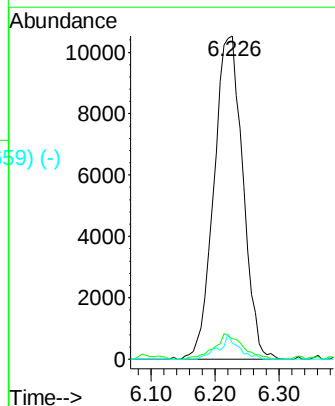
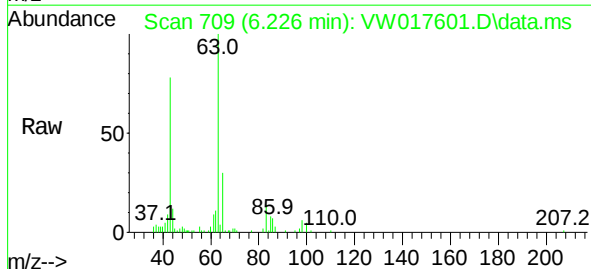


Abundance Scan 708 (6.220 min): VW017604.D\data.ms (-693#24)



1,1-Dichloroethane
Concen: 6.09 ug/l
RT: 6.226 min Scan# 709
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

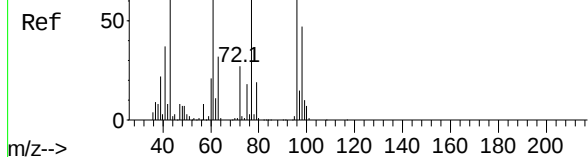
Tgt Ion: 63 Resp: 32833
Ion Ratio Lower Upper
63 100
98 6.3 4.2 12.6
100 5.0 2.6 7.8



Abundance Scan 865 (7.177 min): VW017604.D\data.ms (-849) 25

2-Butanone
Concen: 37.99 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

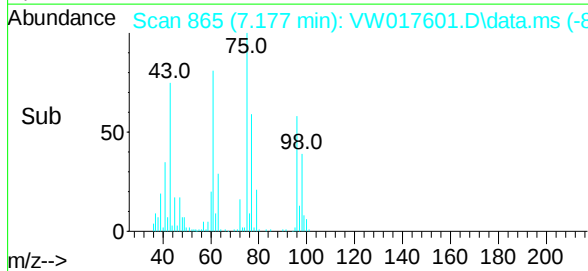
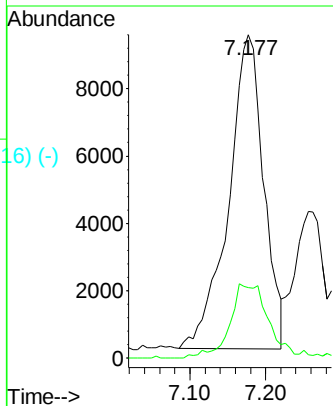
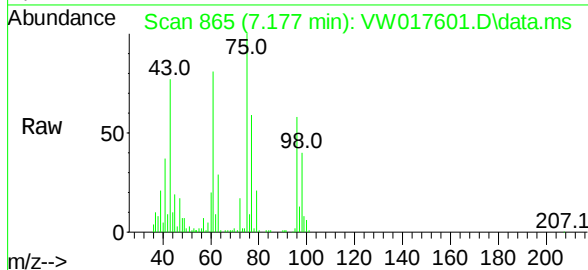
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 30083
Ion Ratio Lower Upper
43 100
72 22.4 25.4 38.2#

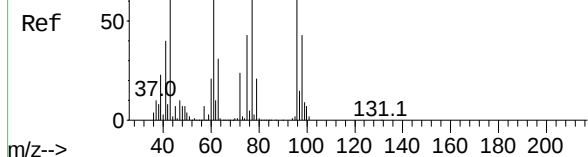
Manual Integrations
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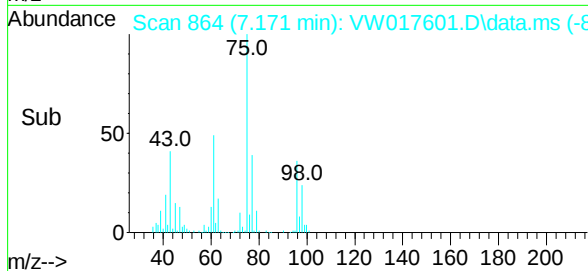
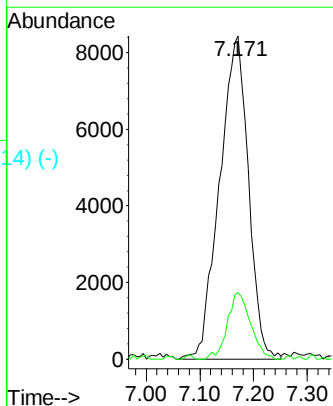
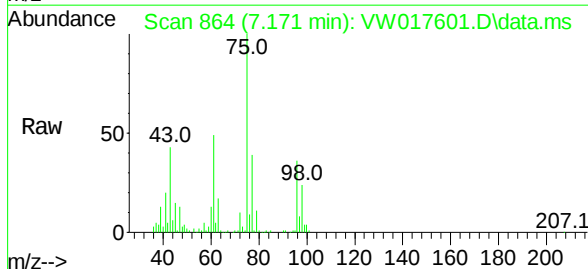


Abundance Scan 863 (7.165 min): VW017604.D\data.ms (-849) 26

2,2-Dichloropropane
Concen: 8.54 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

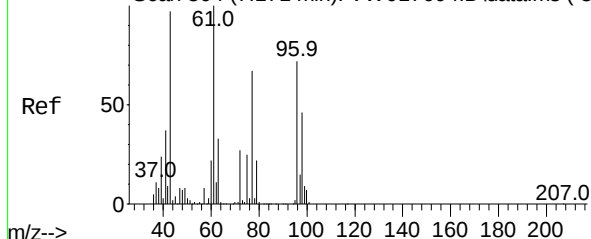


Tgt Ion: 77 Resp: 31417
Ion Ratio Lower Upper
77 100
97 16.5 12.4 37.4



Abundance Scan 864 (7.171 min): VW017604.D\data.ms (-851#27)

cis-1,2-Dichloroethene
Concen: 6.00 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

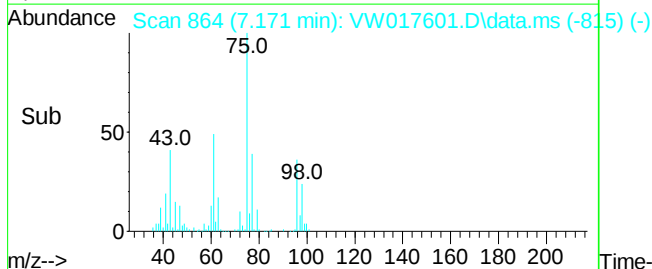
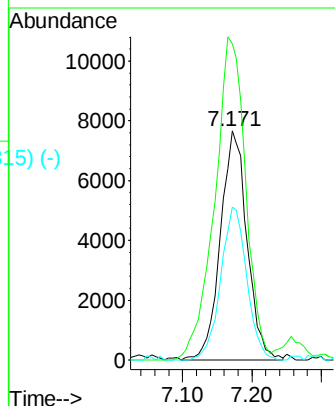
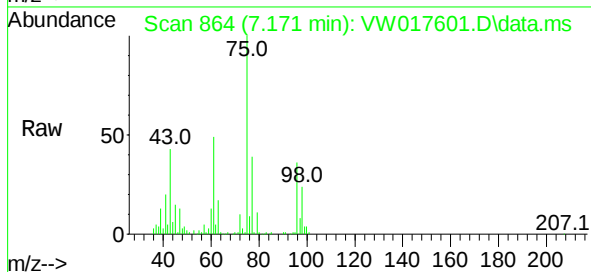


Tgt Ion:	96	Resp:	20371
Ion	Ratio	Lower	Upper
96	100		
61	163.8	0.0	249.6
98	65.4	0.0	129.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

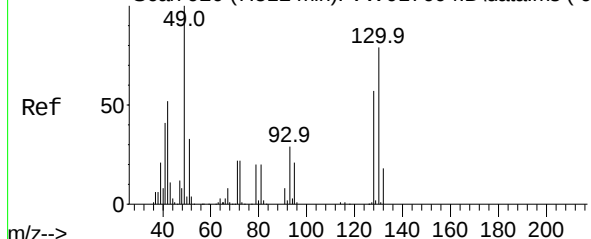
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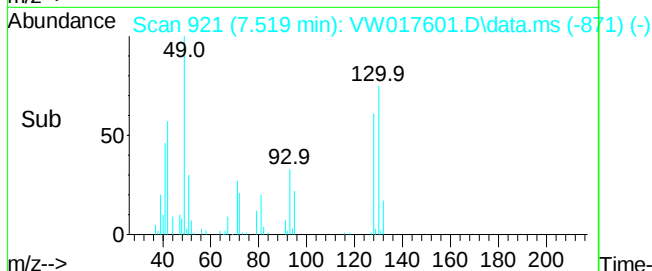
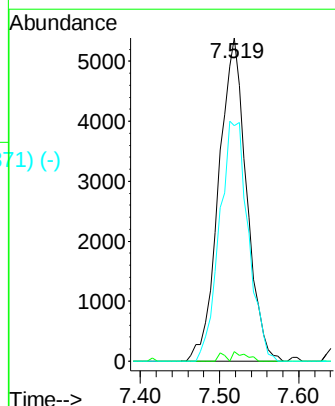
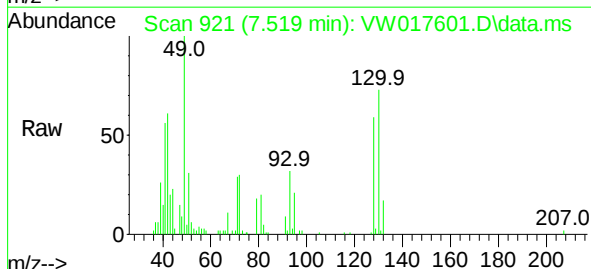


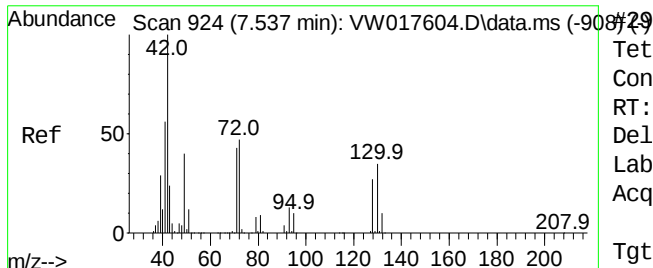
Abundance Scan 920 (7.512 min): VW017604.D\data.ms (-907#28)

Bromochloromethane
Concen: 5.75 ug/l
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02



Tgt Ion:	49	Resp:	13175
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	4.8
130	76.7	81.3	121.9#





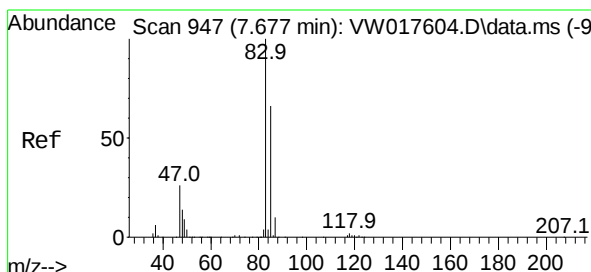
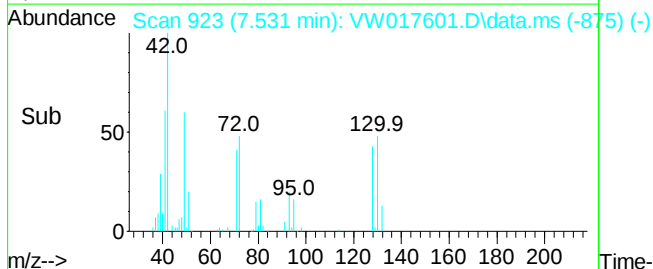
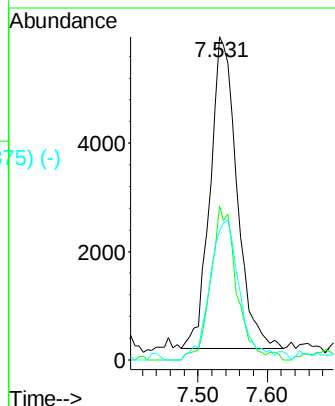
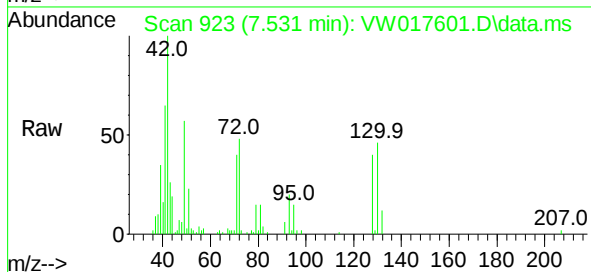
Tetrahydrofuran
Concen: 33.85 ug/l
RT: 7.531 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	42	Resp:	15485
Ion	Ratio	Lower	Upper
42	100		
72	46.8	42.0	63.0
71	49.1	39.0	58.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

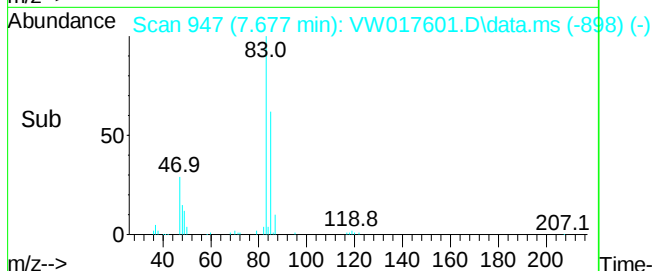
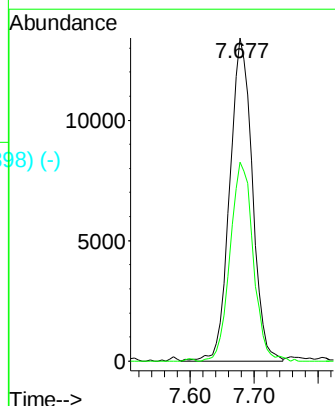
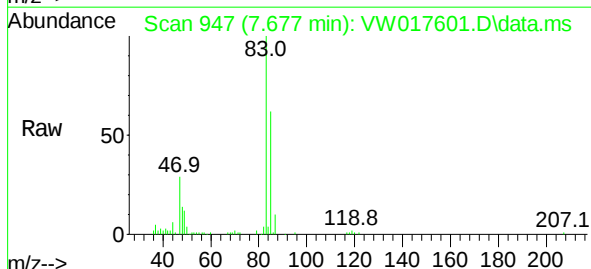
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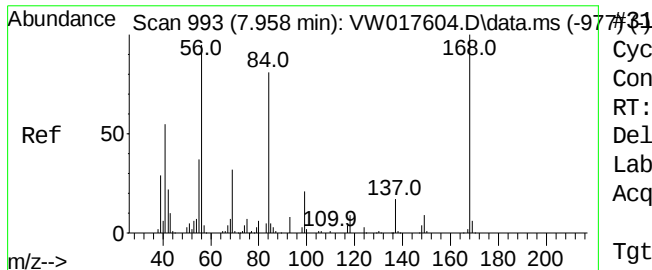
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Chloroform
Concen: 5.88 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	83	Resp:	32841
Ion	Ratio	Lower	Upper
83	100		
85	61.7	51.7	77.5





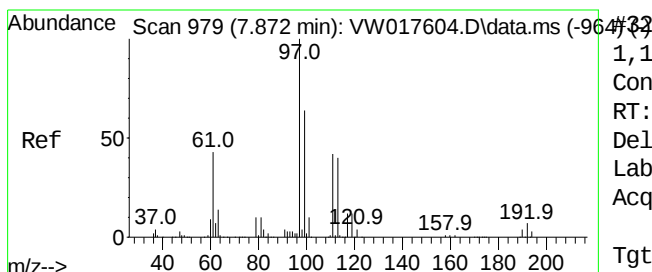
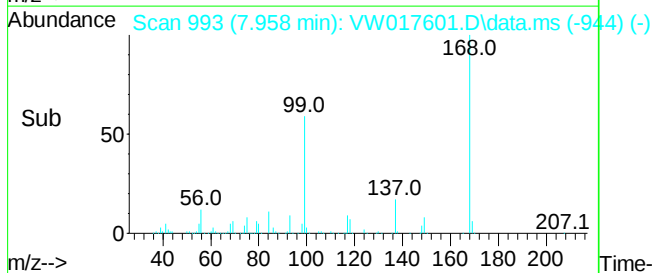
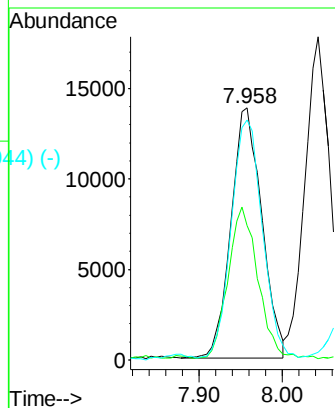
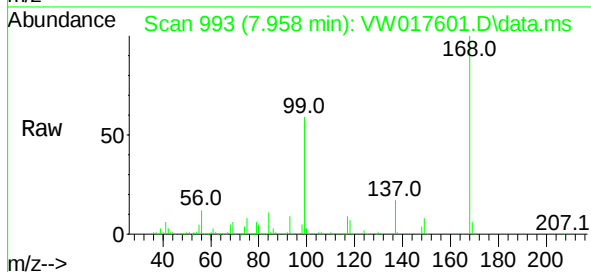
Cyclohexane
Concen: 6.94 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	56	Resp:	35697
Ion	Ratio	Lower	Upper
56	100		
69	52.4	29.3	43.9#
84	93.5	80.5	120.7

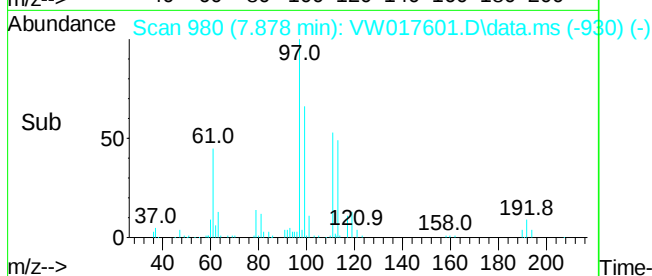
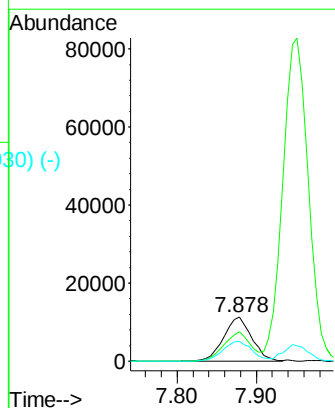
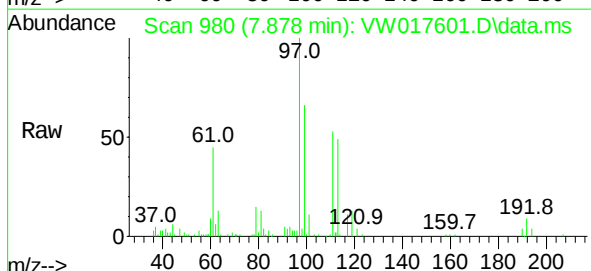
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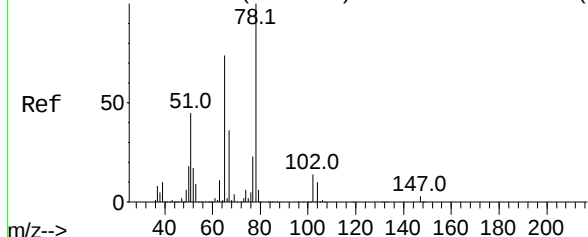


1,1,1-Trichloroethane
Concen: 5.83 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	97	Resp:	27747
Ion	Ratio	Lower	Upper
97	100		
99	62.7	52.4	78.6
61	47.6	31.9	47.9



Abundance Scan 1050 (8.305 min): VW017604.D\data.ms (-1054)



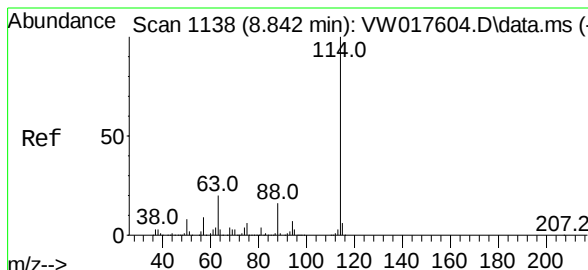
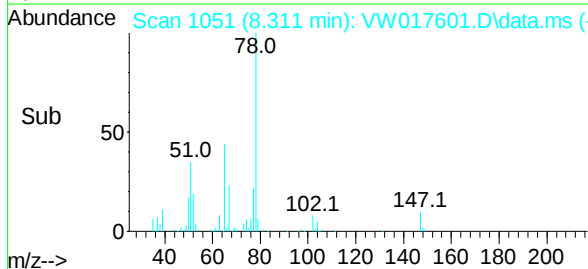
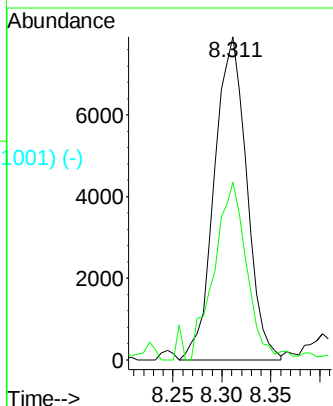
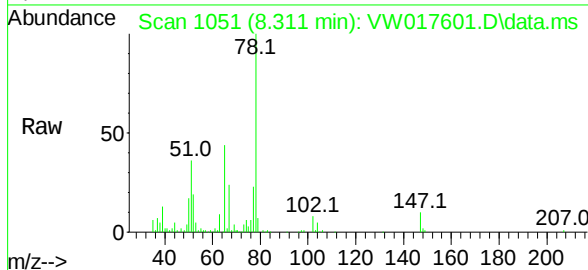
1,2-Dichloroethane-d4
Concen: 6.03 ug/l
RT: 8.311 min Scan# 1051
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 65 Resp: 18169
Ion Ratio Lower Upper
65 100
67 55.7 0.0 103.8

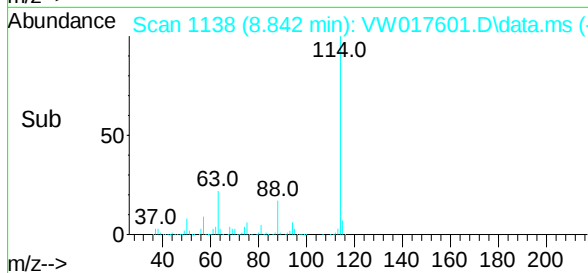
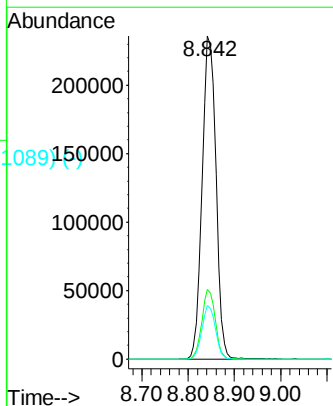
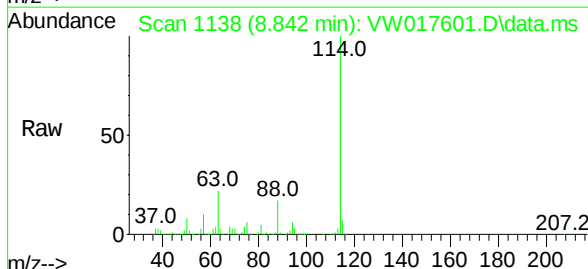
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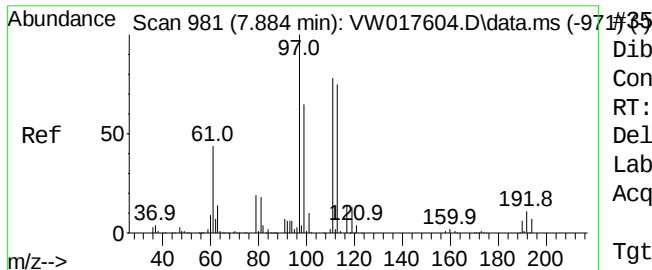
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1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:114 Resp: 490332
Ion Ratio Lower Upper
114 100
63 21.6 0.0 35.6
88 16.6 0.0 30.4





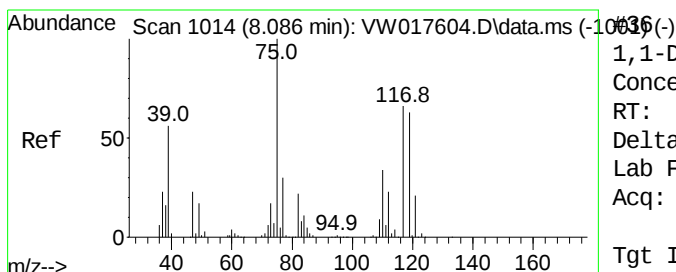
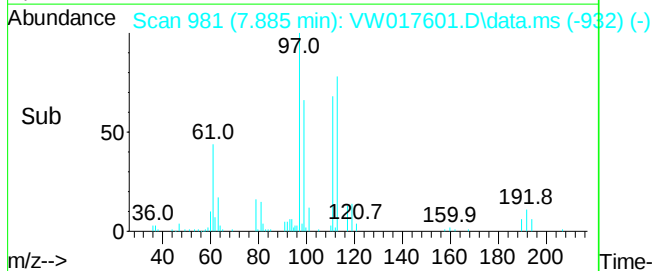
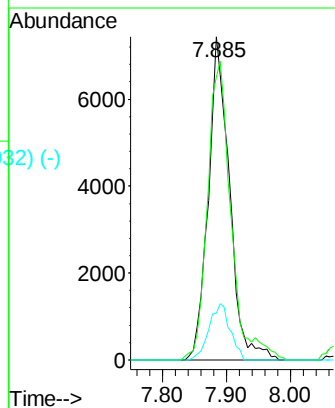
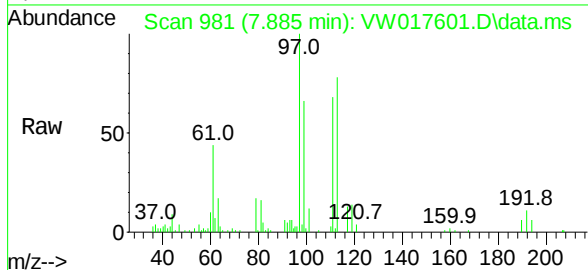
Dibromofluoromethane
Concen: 5.44 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 113 Resp: 17120
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.2
192 17.2 17.8 26.8#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

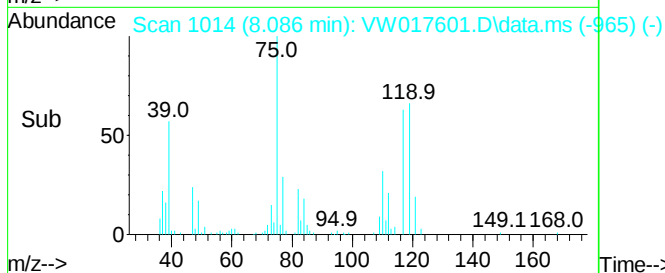
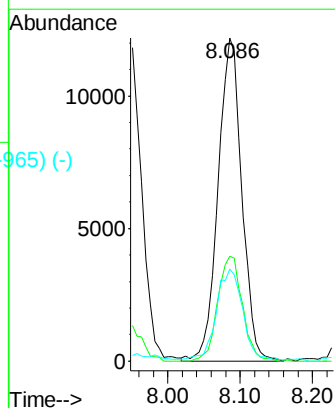
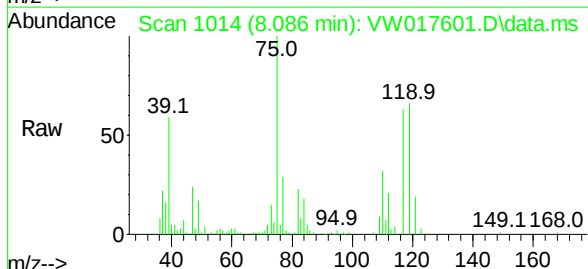
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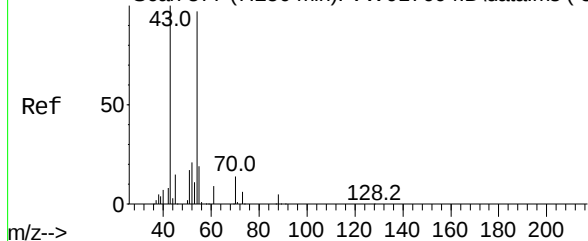


1,1-Dichloropropene
Concen: 5.65 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 75 Resp: 27649
Ion Ratio Lower Upper
75 100
110 33.8 19.3 57.9
77 30.5 25.0 37.6



Abundance Scan 877 (7.250 min): VW017604.D\data.ms (-872#37)



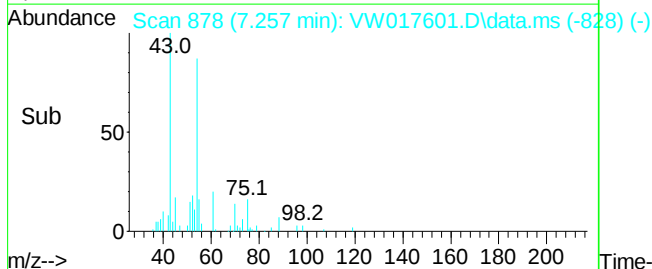
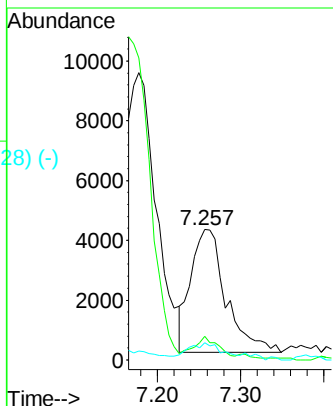
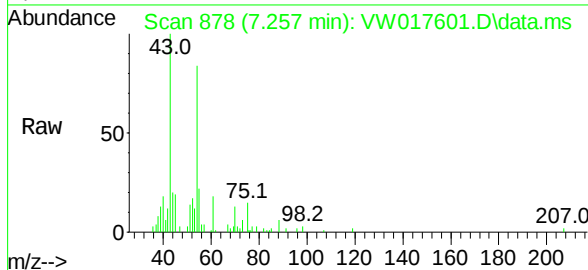
Ethyl Acetate
Concen: 6.63 ug/l
RT: 7.257 min Scan# 878
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	43	Resp:	12040
Ion	Ratio	Lower	Upper
43	100		
61	9.7	12.0	18.0#
70	8.7	9.9	14.9#

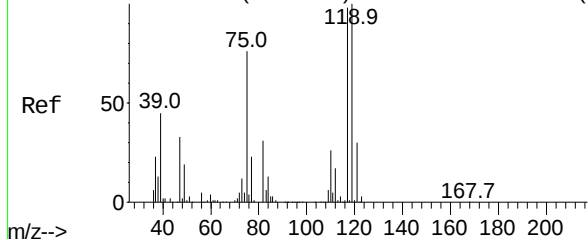
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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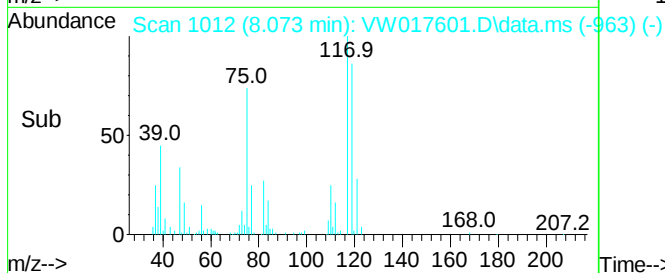
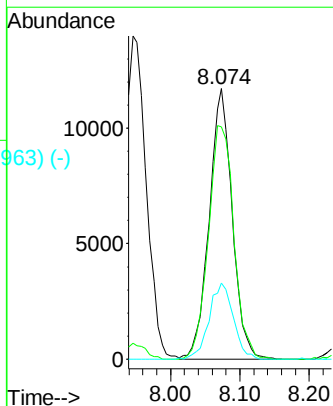
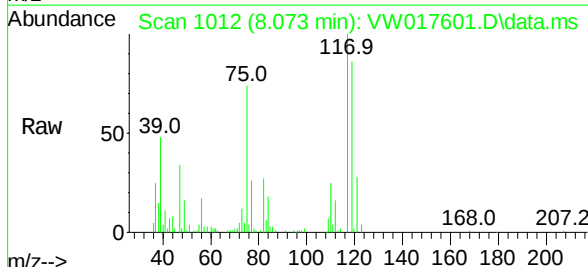


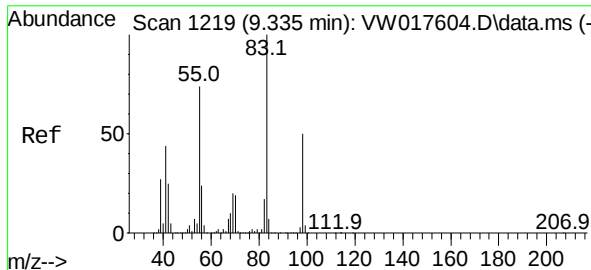
Abundance Scan 1012 (8.073 min): VW017604.D\data.ms (-1003#38)



Carbon Tetrachloride
Concen: 5.29 ug/l
RT: 8.073 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	117	Resp:	26980
Ion	Ratio	Lower	Upper
117	100		
119	86.0	81.6	122.4
121	28.1	25.7	38.5





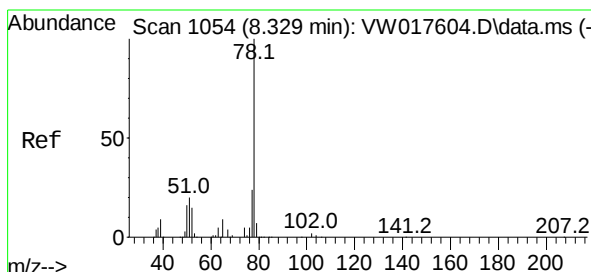
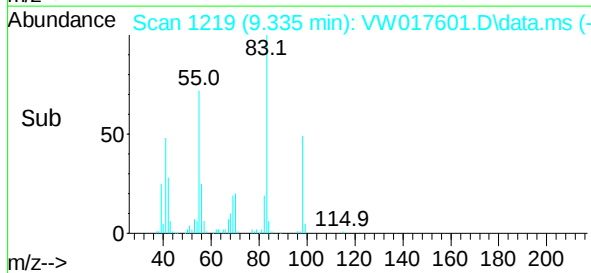
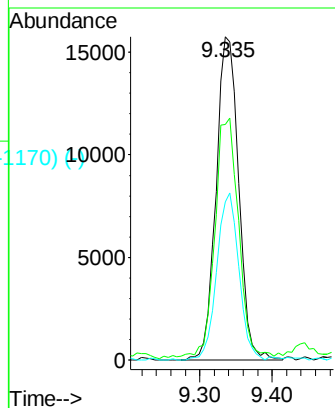
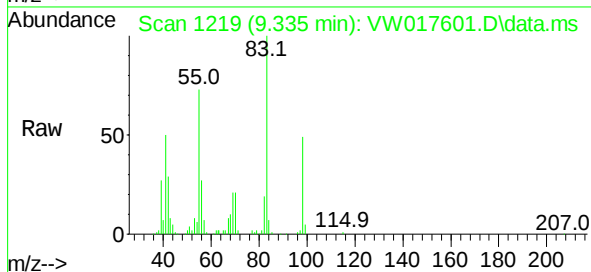
Methylcyclohexane
Concen: 5.78 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	83	Resp:	34009
Ion	Ratio	Lower	Upper
83	100		
55	71.7	51.7	77.5
98	49.0	41.0	61.4

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

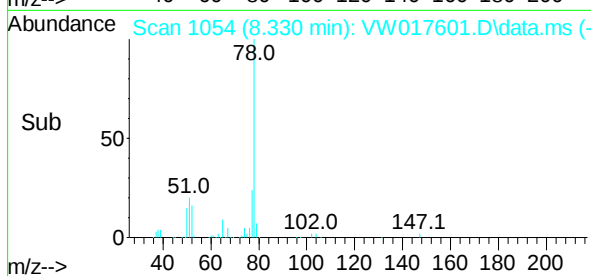
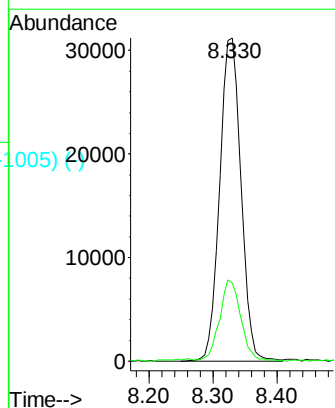
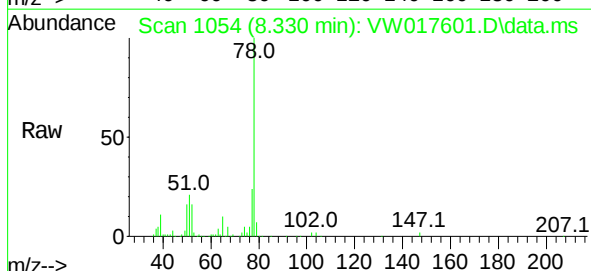
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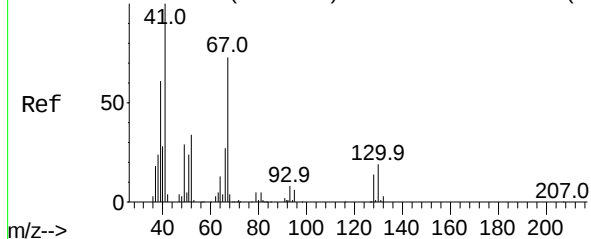


Benzene
Concen: 5.34 ug/l
RT: 8.330 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	78	Resp:	71231
Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.5	27.7



Abundance Scan 915 (7.482 min): VW017604.D\data.ms (-905741)



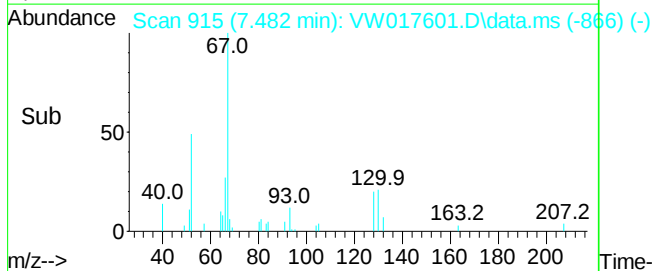
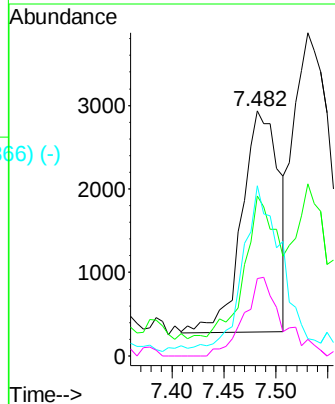
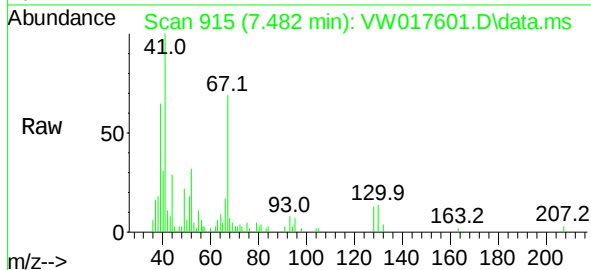
Methacrylonitrile
Concen: 5.97 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	41	Resp:	6563
Ion	Ratio	Lower	Upper
41	100		
39	54.2	47.0	70.6
67	80.3	68.6	102.8
52	36.6	28.1	42.1

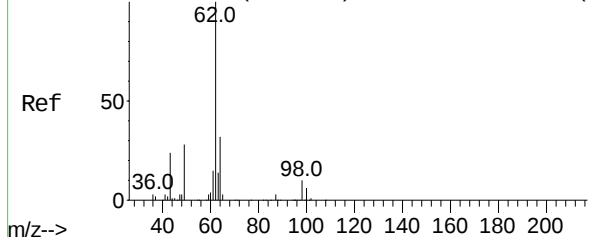
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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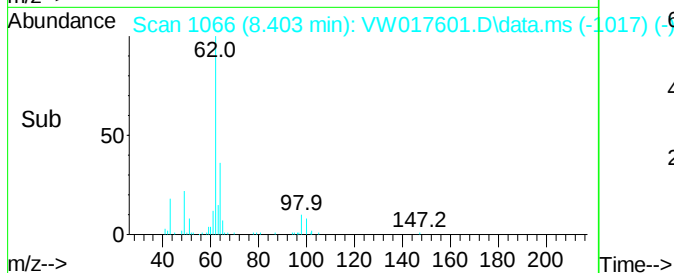
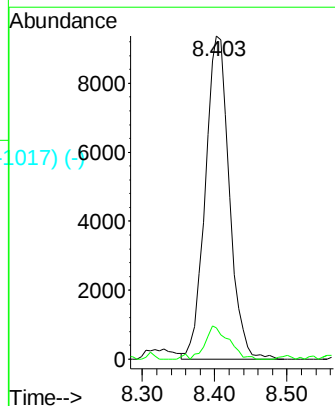
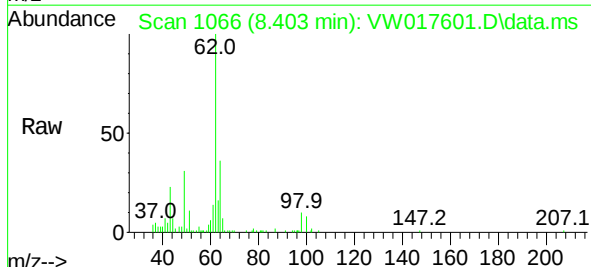


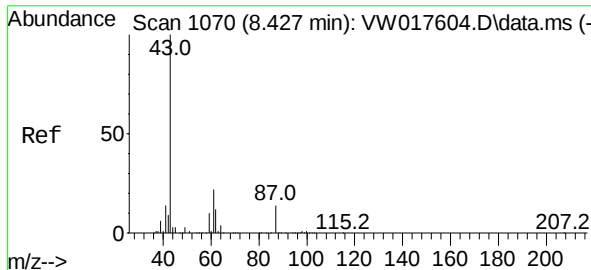
Abundance Scan 1066 (8.403 min): VW017604.D\data.ms (-105842)



1,2-Dichloroethane
Concen: 5.50 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	62	Resp:	21708
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	21.0





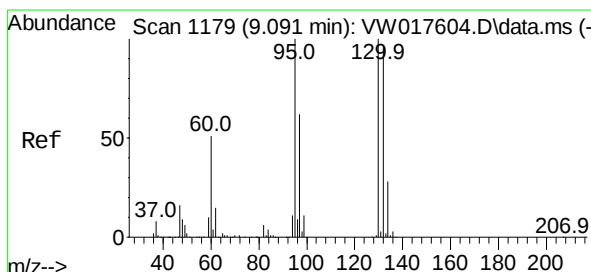
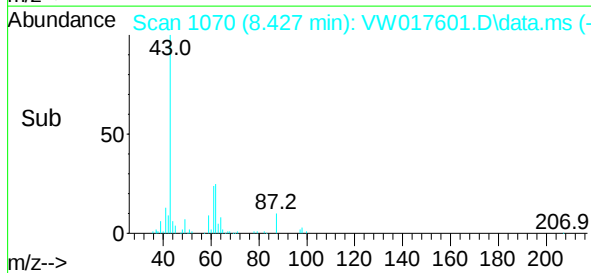
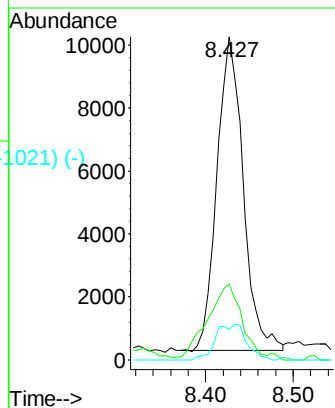
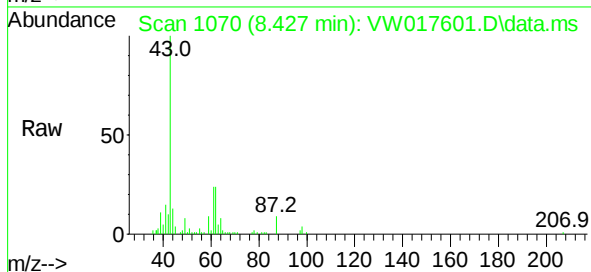
Isopropyl Acetate
Concen: 6.05 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	43	Resp:	20721
Ion	Ratio	Lower	Upper
43	100		
61	32.6	27.5	41.3
87	13.4	13.6	20.4#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

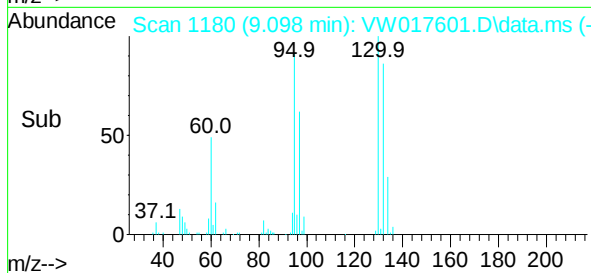
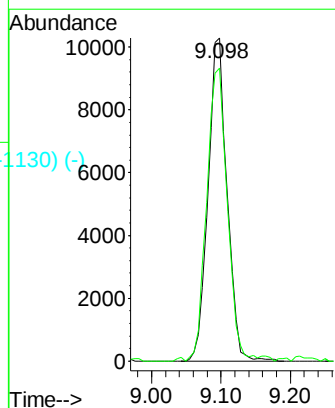
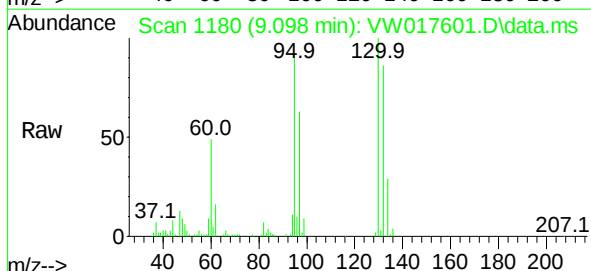
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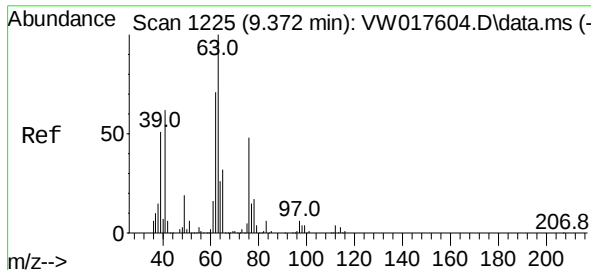
MMDadoda
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Trichloroethene
Concen: 5.14 ug/l
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	130	Resp:	19583
Ion	Ratio	Lower	Upper
130	100		
95	90.0	0.0	180.2





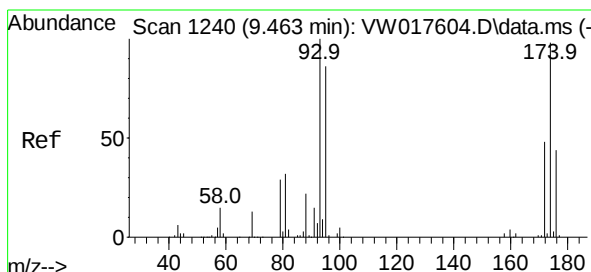
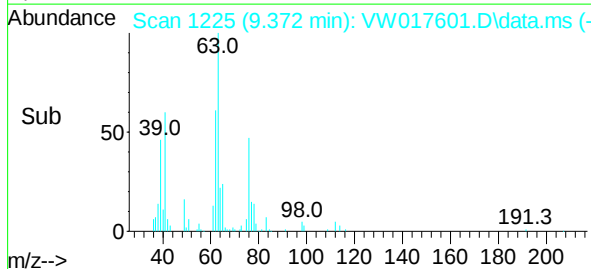
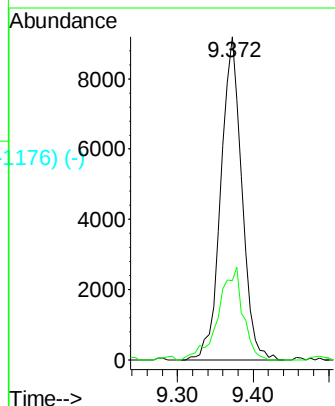
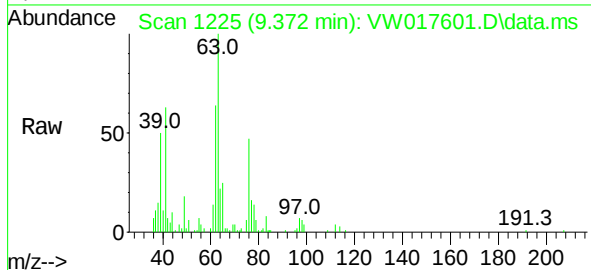
1,2-Dichloropropane
Concen: 5.46 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 63 Resp: 17711
Ion Ratio Lower Upper
63 100
65 24.6 25.1 37.7#

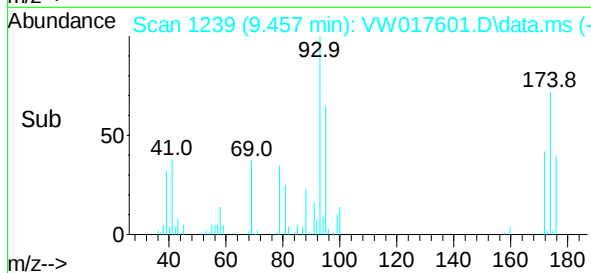
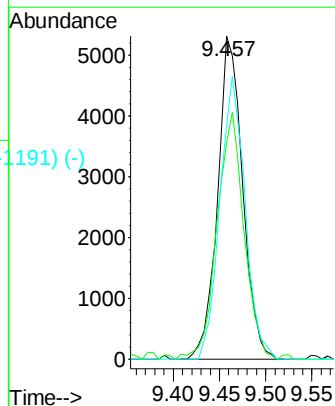
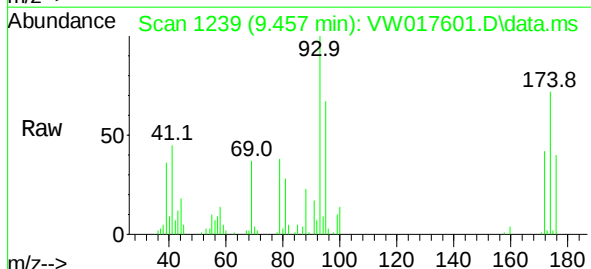
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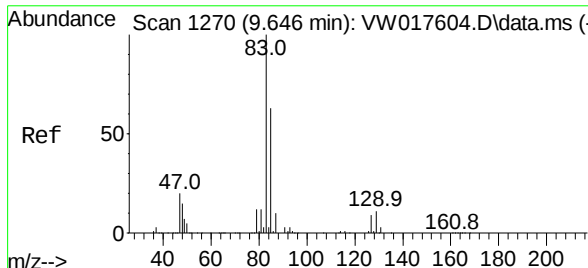
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Dibromomethane
Concen: 5.65 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 93 Resp: 9984
Ion Ratio Lower Upper
93 100
95 81.9 66.5 99.7
174 88.2 91.0 136.6#





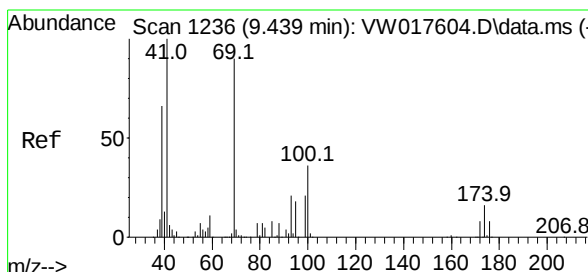
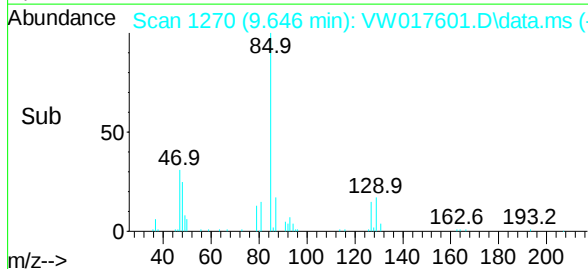
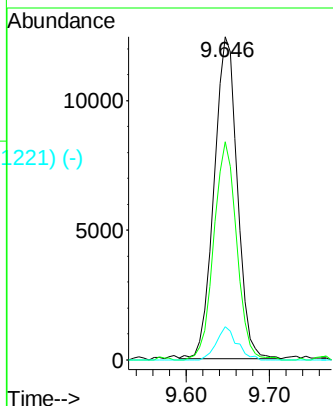
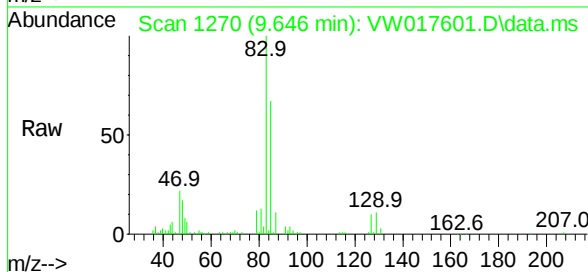
Bromodichloromethane
Concen: 5.34 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	83	Resp:	24276
Ion	Ratio	Lower	Upper
83	100		
85	67.7	52.7	79.1
127	10.2	7.8	11.6

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

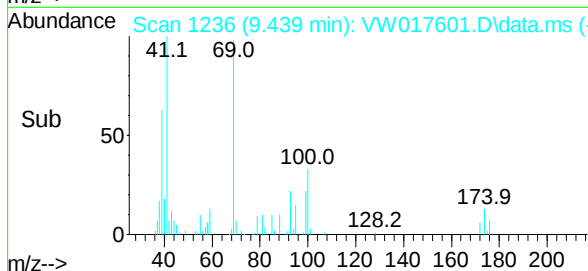
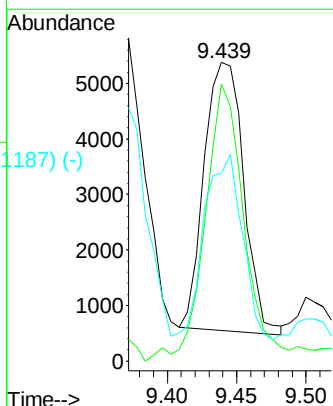
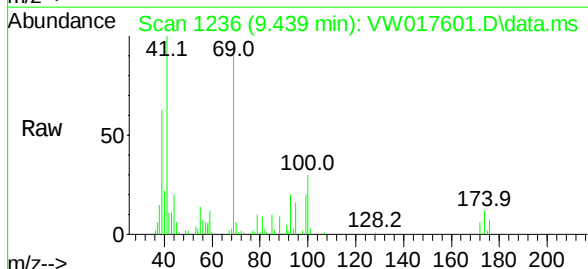
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Methyl methacrylate
Concen: 5.43 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

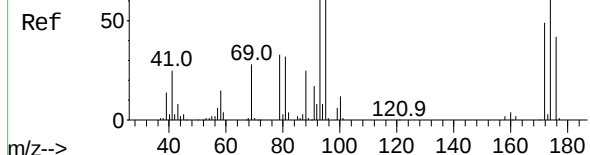
Tgt Ion:	41	Resp:	9544
Ion	Ratio	Lower	Upper
41	100		
69	101.3	83.5	125.3
39	65.5	50.9	76.3



Abundance Scan 1239 (9.457 min): VW017604.D\data.ms (-1239) (-)

1,4-Dioxane
Concen: 133.11 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

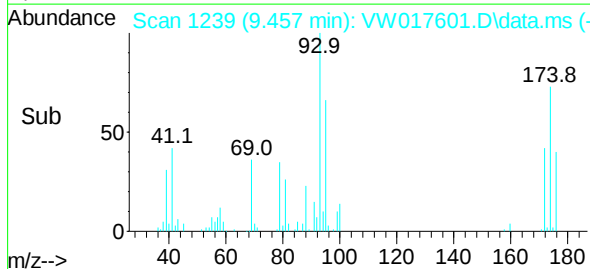
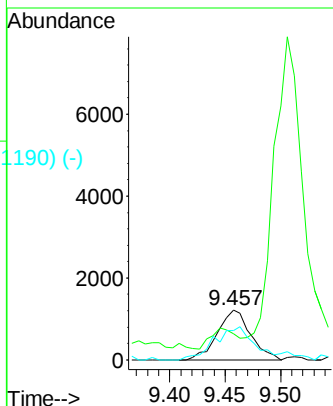
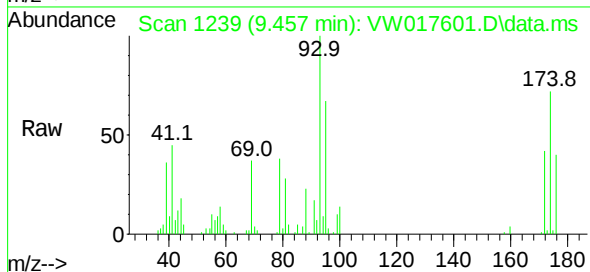
Instrument :
MSVOA_W
ClientSampled :
VSTDIC005



Tgt Ion: 88 Resp: 2527
Ion Ratio Lower Upper
88 100
43 32.5 0.0 0.0#
58 80.5 54.0 81.0

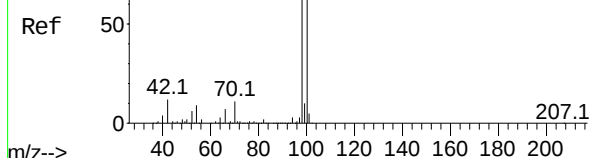
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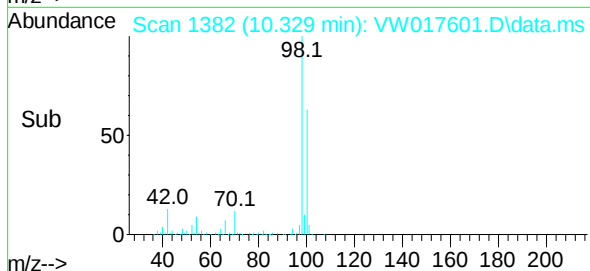
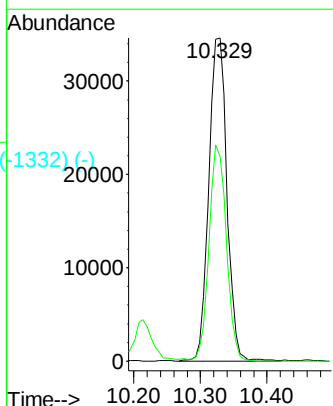
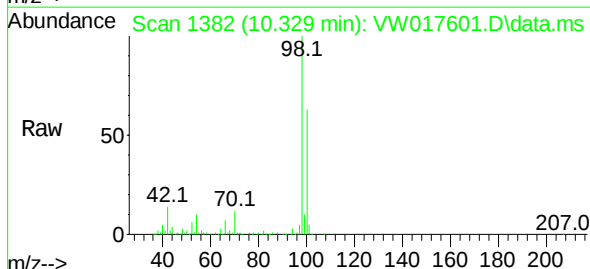


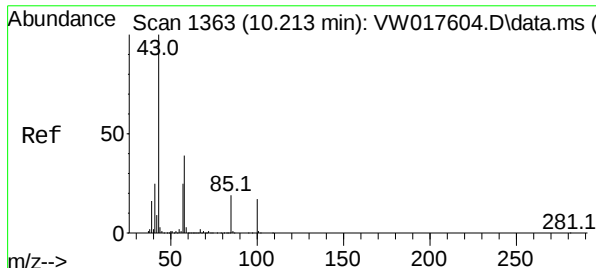
Abundance Scan 1381 (10.323 min): VW017604.D\data.ms (-1381) (-)

Toluene-d8
Concen: 5.54 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02



Tgt Ion: 98 Resp: 65654
Ion Ratio Lower Upper
98 100
100 64.1 53.3 79.9





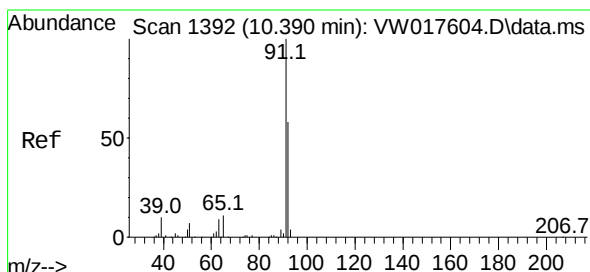
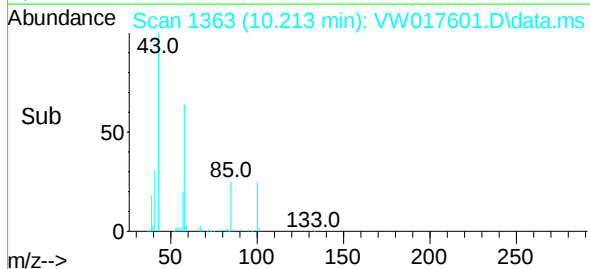
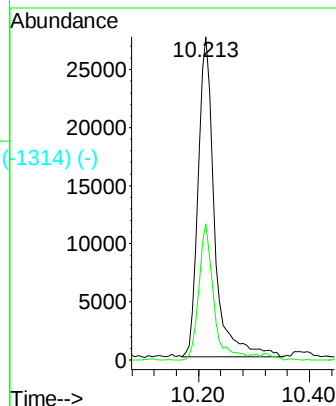
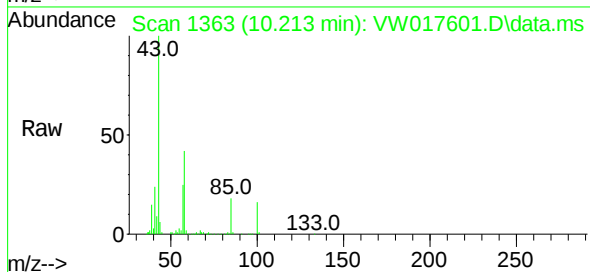
4-Methyl-2-Pentanone
Concen: 33.13 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 43 Resp: 56432
Ion Ratio Lower Upper
43 100
58 38.2 34.7 52.1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

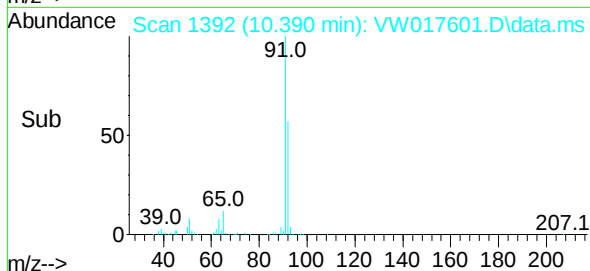
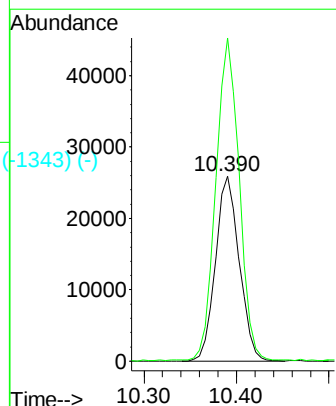
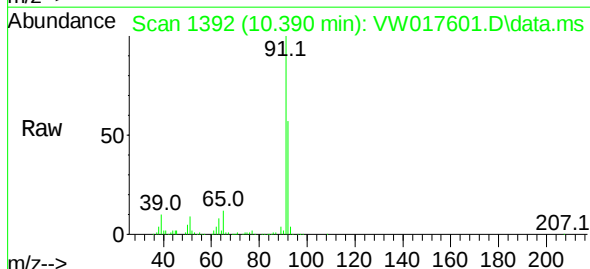
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Toluene
Concen: 5.46 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

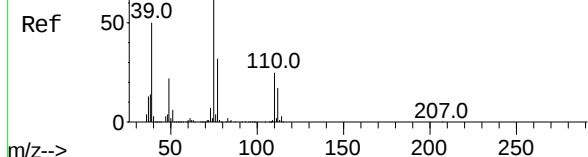
Tgt Ion: 92 Resp: 46098
Ion Ratio Lower Upper
92 100
91 172.3 134.7 202.1



Abundance Scan 1428 (10.609 min): VW017604.D\data.ms (-1458) (-)

t-1,3-Dichloropropene
Concen: 5.72 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

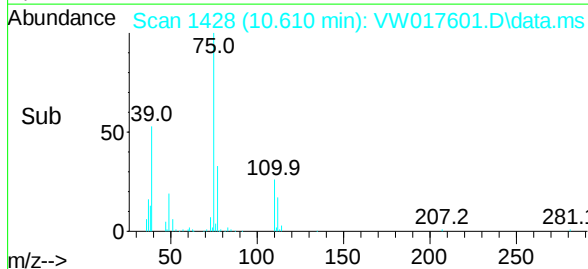
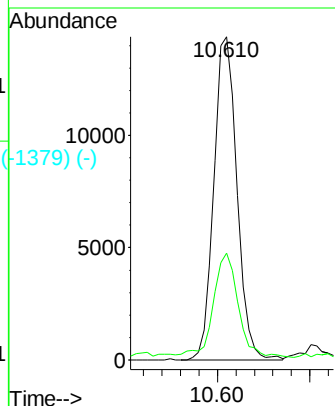
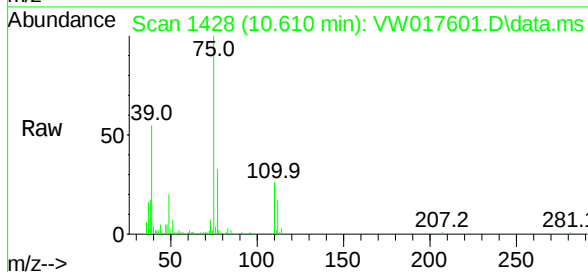
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 24938
Ion Ratio Lower Upper
75 100
77 31.8 24.8 37.2

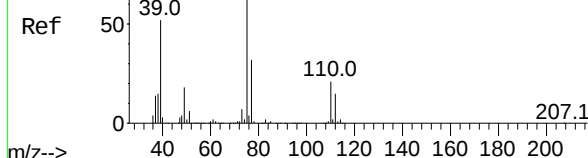
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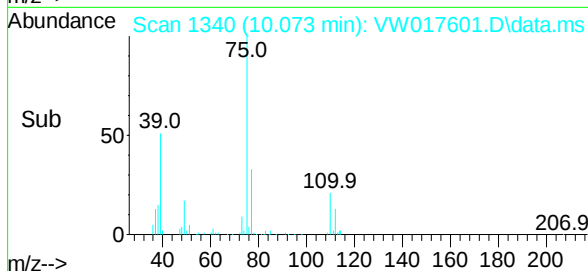
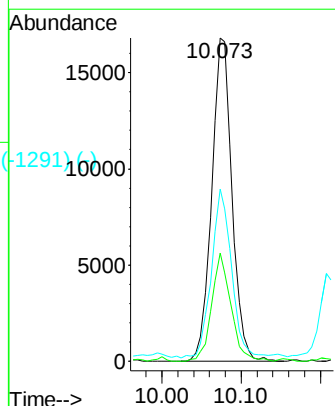
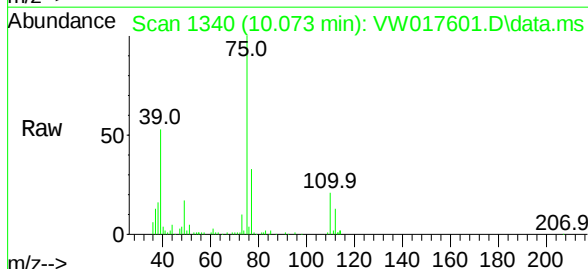


Abundance Scan 1340 (10.073 min): VW017604.D\data.ms (-1354) (-)

cis-1,3-Dichloropropene
Concen: 5.86 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

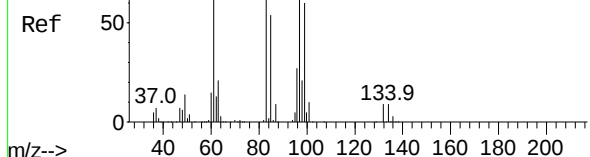


Tgt Ion: 75 Resp: 29858
Ion Ratio Lower Upper
75 100
77 33.5 25.8 38.6
39 52.1 32.9 49.3#

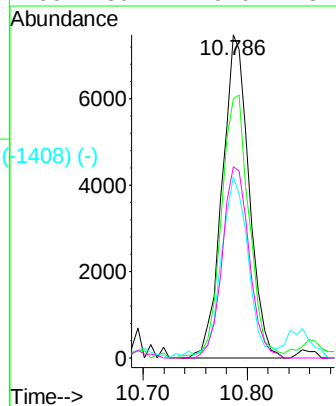
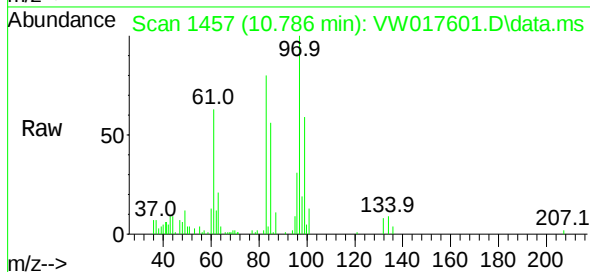


Abundance Scan 1457 (10.786 min): VW017604.D\data.ms (-1455) (-)

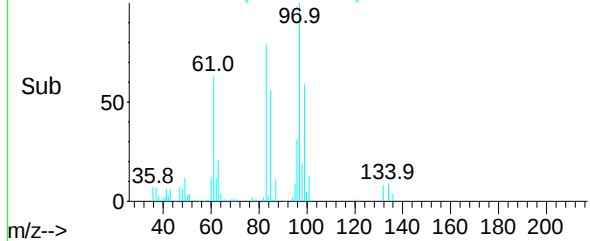
1,1,2-Trichloroethane
Concen: 5.64 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02



Tgt Ion:	97	Resp:	13513
Ion	Ratio	Lower	Upper
97	100		
83	79.4	64.6	97.0
85	55.4	40.6	61.0
99	59.2	49.0	73.6

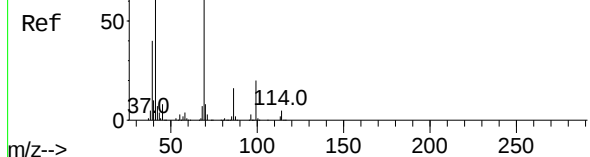


Abundance Scan 1457 (10.786 min): VW017601.D\data.ms (-1408) (-)

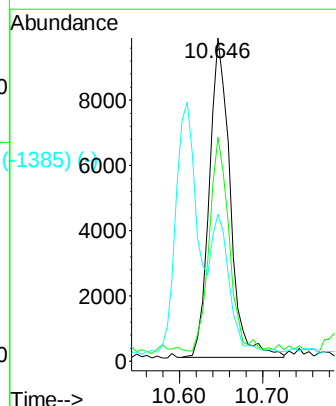
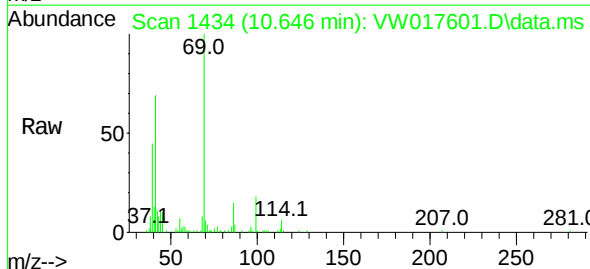


Abundance Scan 1434 (10.646 min): VW017604.D\data.ms (-1426) (-)

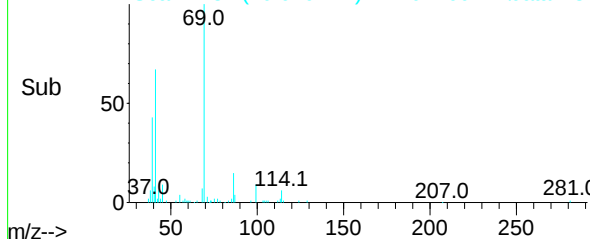
Ethyl methacrylate
Concen: 6.22 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02



Tgt Ion:	69	Resp:	16964
Ion	Ratio	Lower	Upper
69	100		
41	64.1	46.3	69.5
39	36.5	25.9	38.9



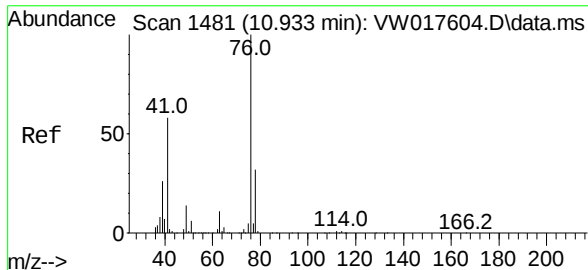
Abundance Scan 1434 (10.646 min): VW017601.D\data.ms (-1385) (-)



Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

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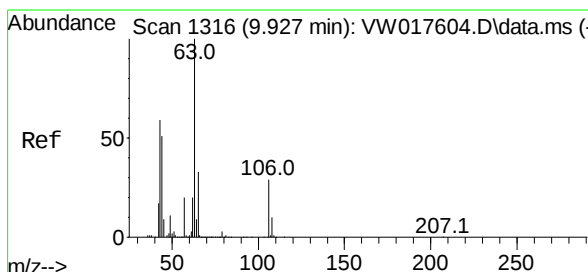
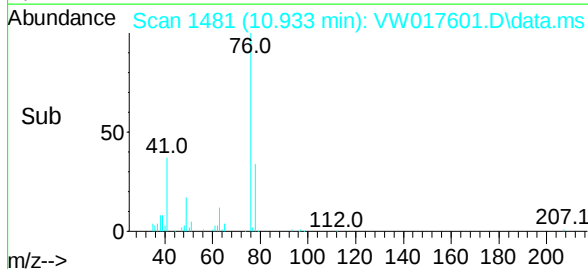
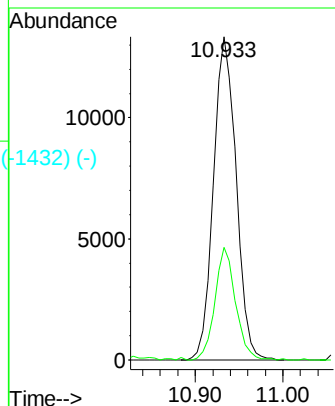
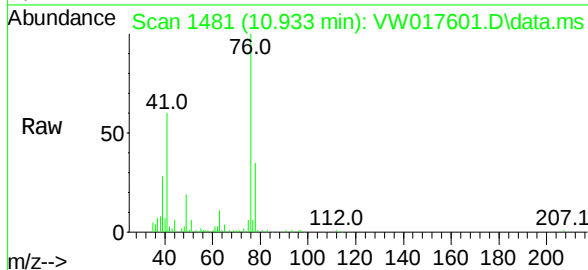
1,3-Dichloropropane
 Concen: 5.77 ug/l
 RT: 10.933 min Scan# 1481
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Tgt Ion: 76 Resp: 23971
 Ion Ratio Lower Upper
 76 100
 78 31.7 26.0 39.0

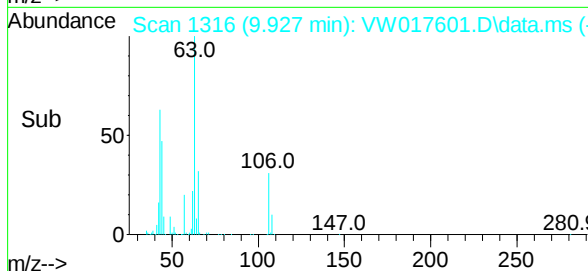
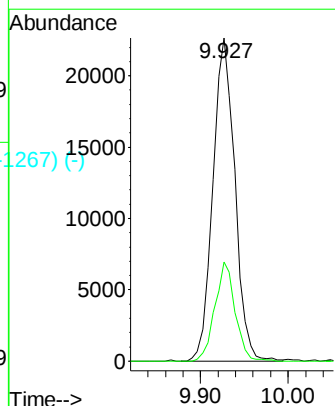
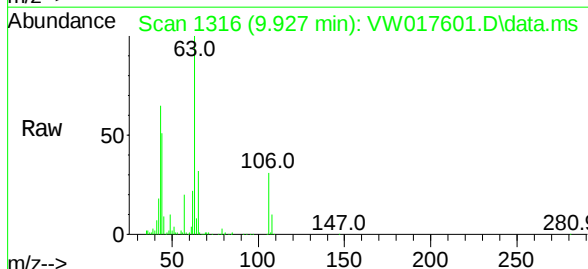
Manual Integrations
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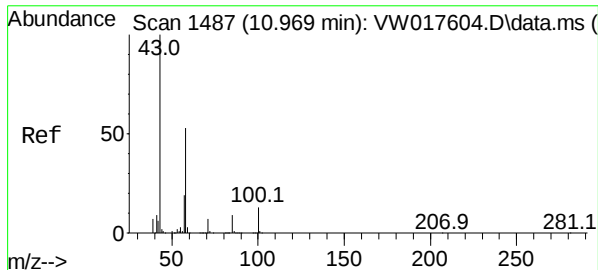
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2-Chloroethyl Vinyl ether
 Concen: 29.11 ug/l
 RT: 9.927 min Scan# 1316
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion: 63 Resp: 39491
 Ion Ratio Lower Upper
 63 100
 106 28.2 27.0 40.4





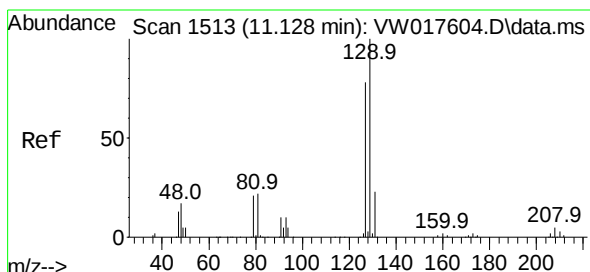
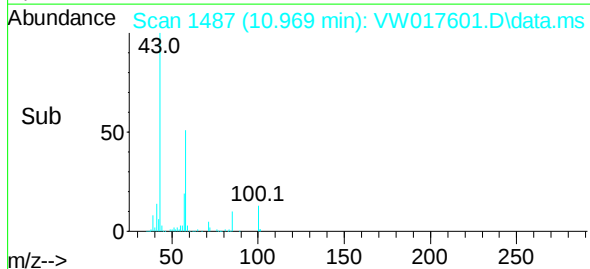
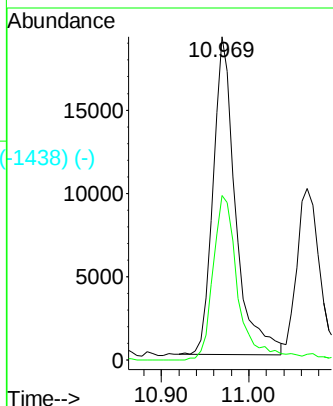
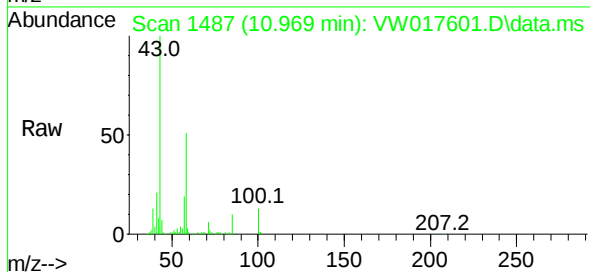
2-Hexanone
Concen: 30.04 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 33955
Ion Ratio Lower Upper
43 100
58 57.7 29.5 88.5

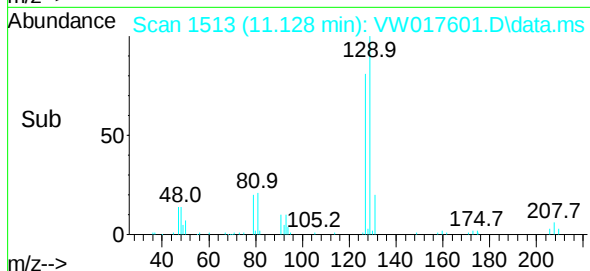
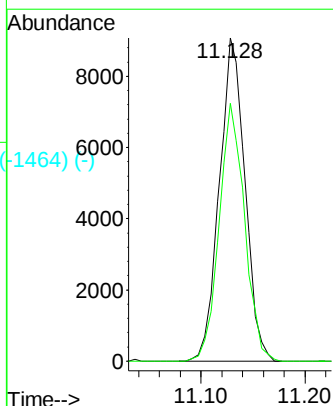
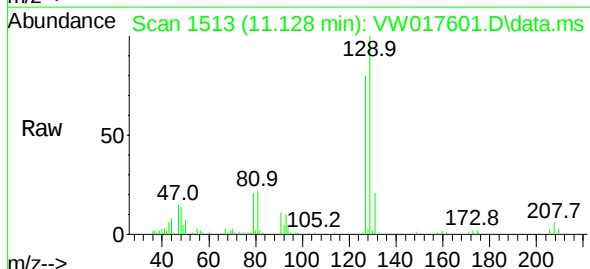
Manual Integrations
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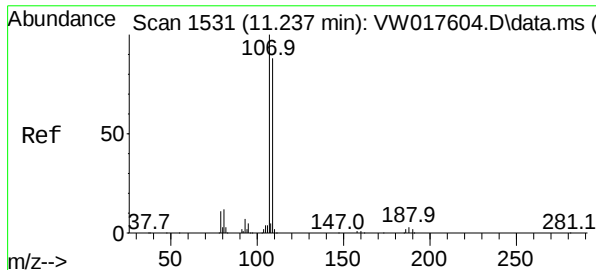
MMDadoda
12/15/2020 4:50:18 PM



Dibromochloromethane
Concen: 5.18 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 129 Resp: 15692
Ion Ratio Lower Upper
129 100
127 79.0 38.9 116.6





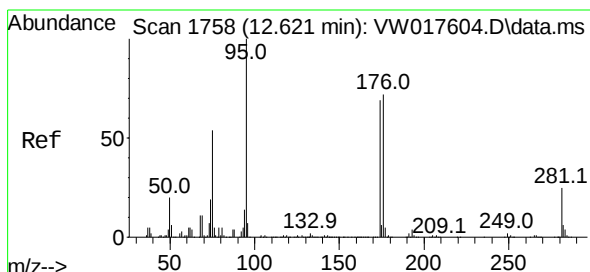
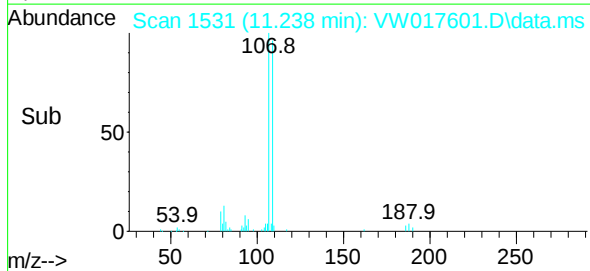
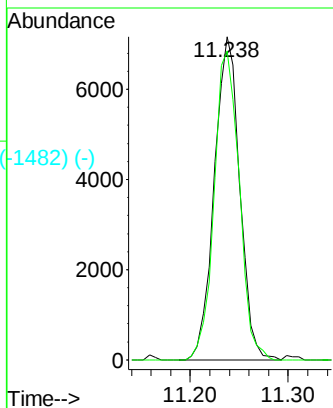
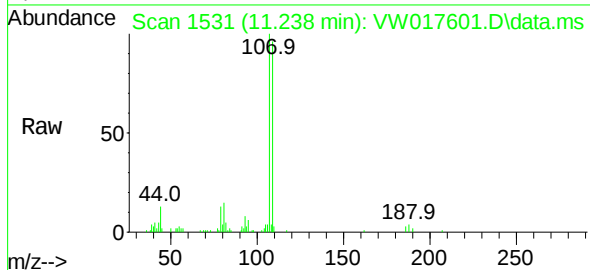
Scan 1531 (11.237 min): VW017604.D\data.ms (-1502) (-)
 1,2-Dibromoethane
 Concen: 5.53 ug/l
 RT: 11.238 min Scan# 1531
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion: 107 Resp: 12908
 Ion Ratio Lower Upper
 107 100
 109 94.5 74.7 112.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

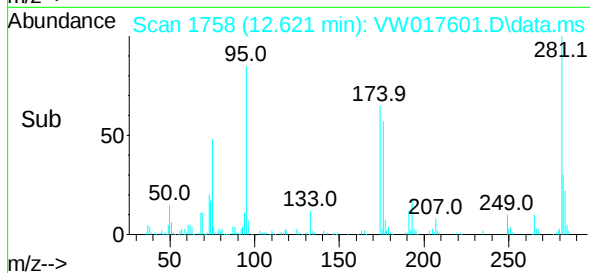
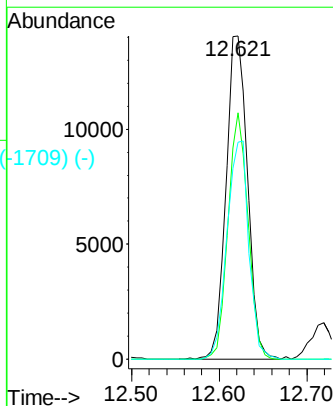
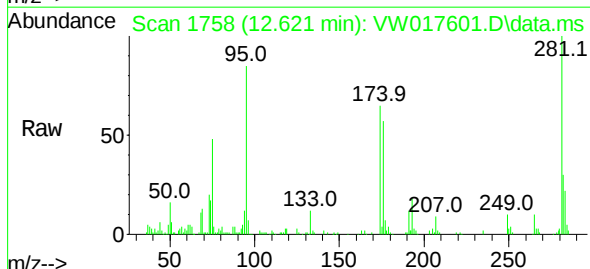
Manual Integrations
 APPROVED

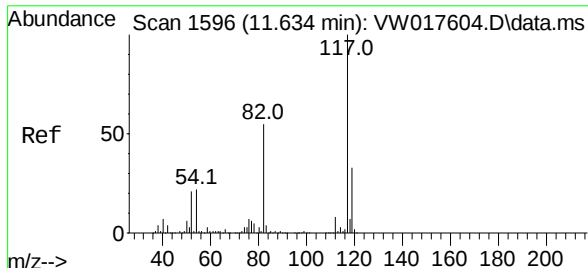
MMDadoda
 12/15/2020 4:50:18 PM



Scan 1758 (12.621 min): VW017604.D\data.ms (-1709) (-)
 4-Bromofluorobenzene
 Concen: 5.67 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion: 95 Resp: 23937
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 180.6
 176 68.7 0.0 177.6





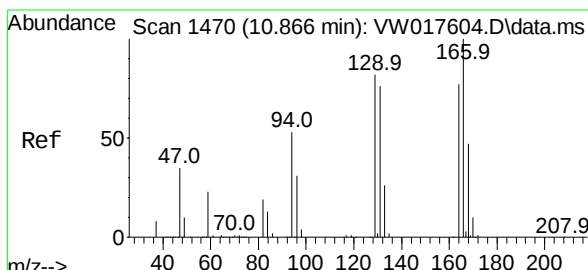
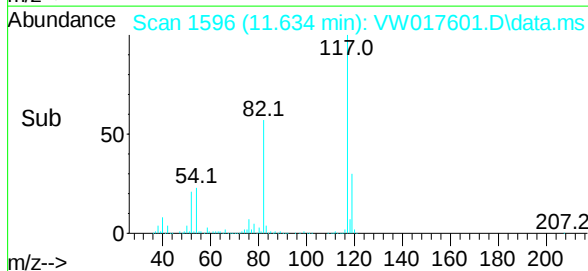
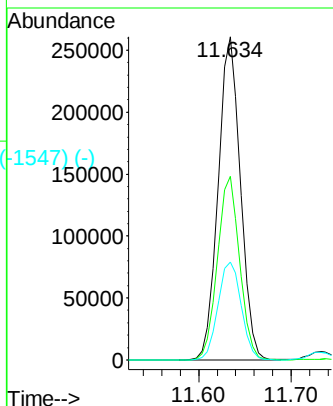
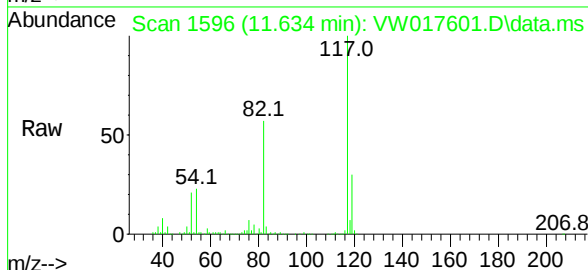
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:	117	Resp:	436505
Ion	Ratio	Lower	Upper
117	100		
82	56.9	40.7	61.1
119	30.2	25.0	37.4

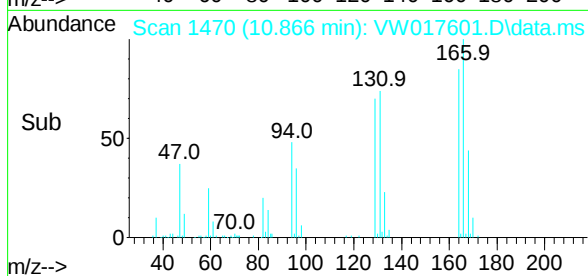
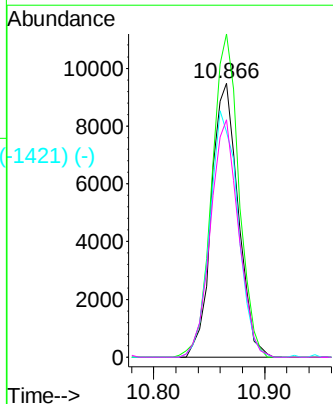
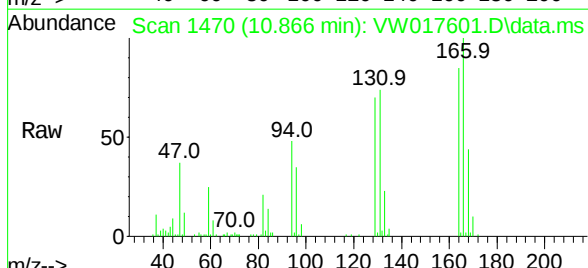
Manual Integrations
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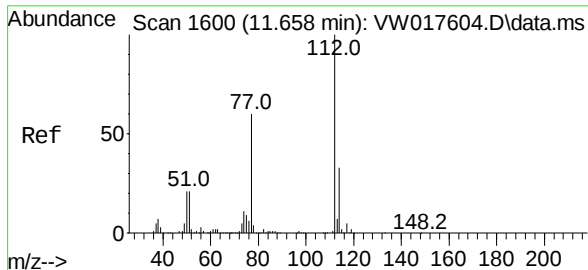
MMDadoda
12/15/2020 4:50:18 PM



Tetrachloroethene
Concen: 5.19 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	164	Resp:	15921
Ion	Ratio	Lower	Upper
164	100		
166	117.9	105.3	157.9
129	82.2	68.8	103.2
131	86.7	71.0	106.6





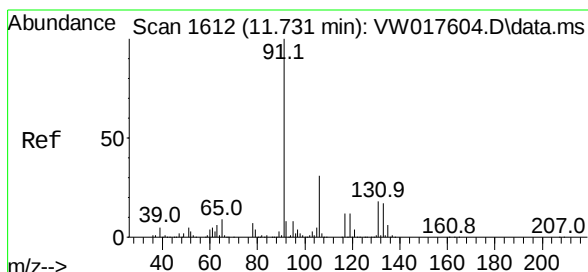
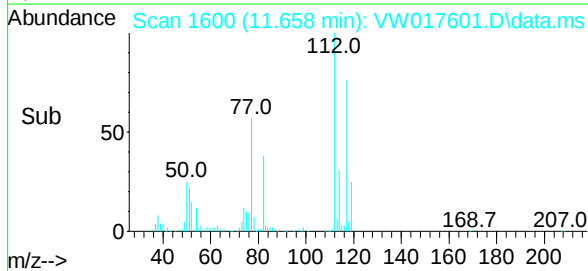
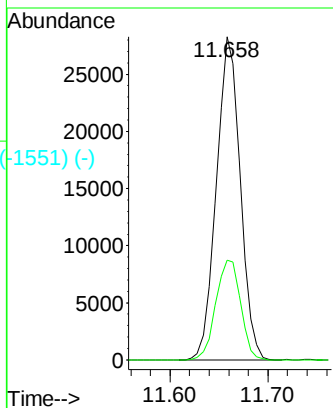
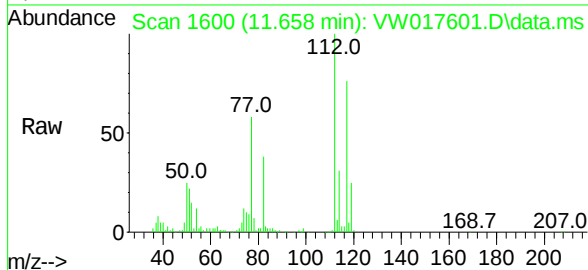
Chlorobenzene
Concen: 5.24 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 47751
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9

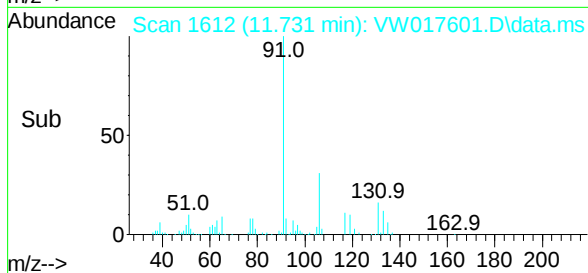
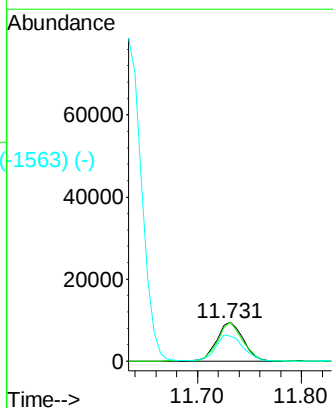
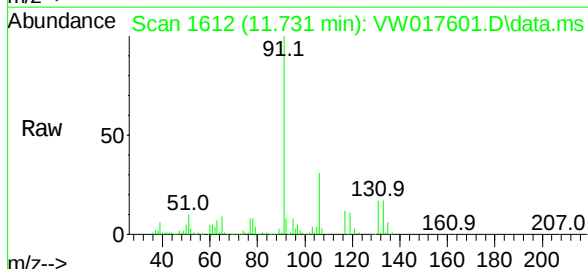
Manual Integrations
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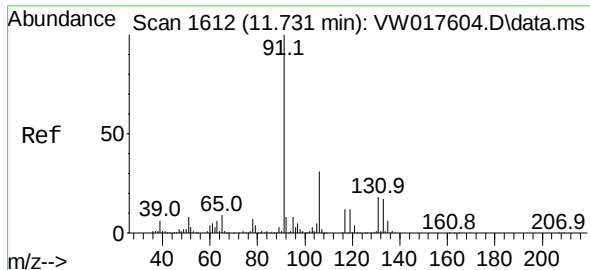
MMDadoda
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1,1,1,2-Tetrachloroethane
Concen: 5.09 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:131 Resp: 16853
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 69.1 32.5 97.4





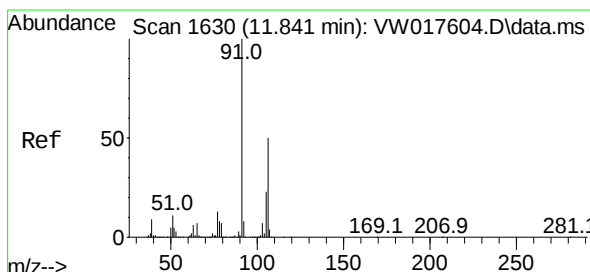
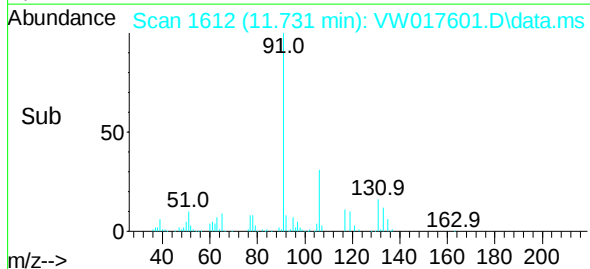
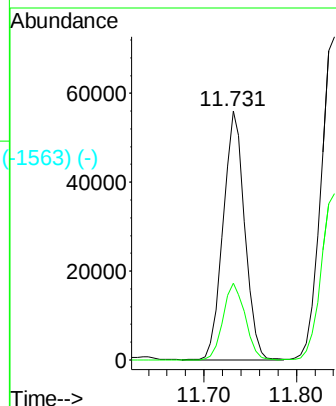
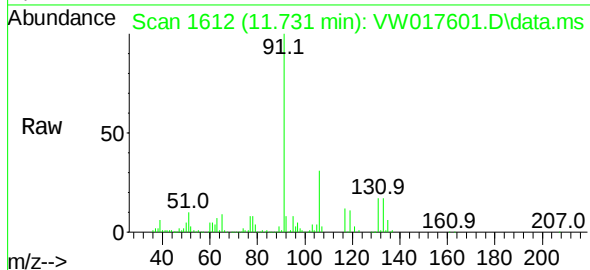
Ethyl Benzene
Concen: 5.59 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 91 Resp: 91228
Ion Ratio Lower Upper
91 100
106 30.8 25.9 38.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

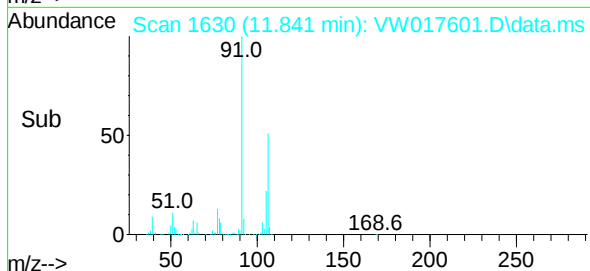
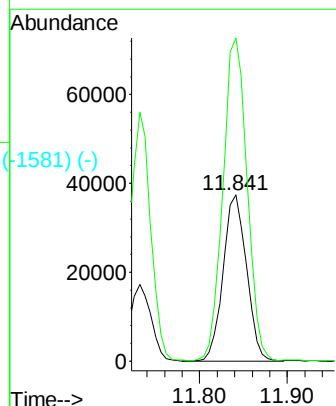
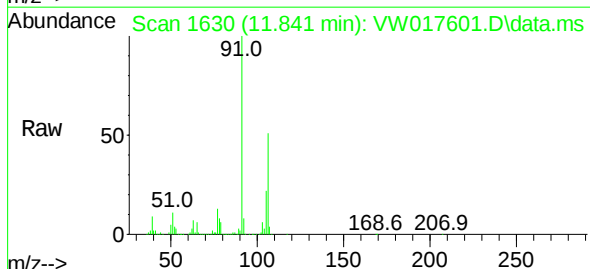
Manual Integrations
APPROVED

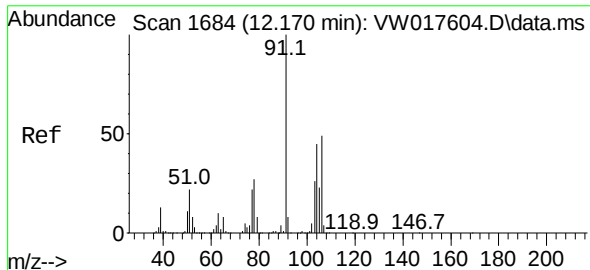
MMDadoda
12/15/2020 4:50:18 PM



m/p-Xylenes
Concen: 11.34 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:106 Resp: 69497
Ion Ratio Lower Upper
106 100
91 199.7 157.4 236.0





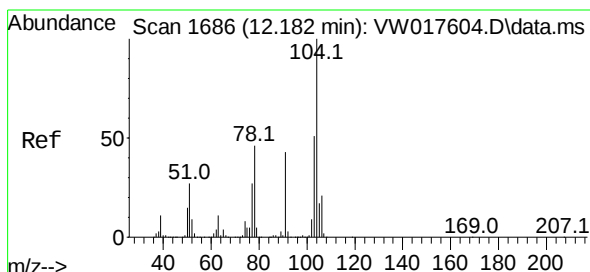
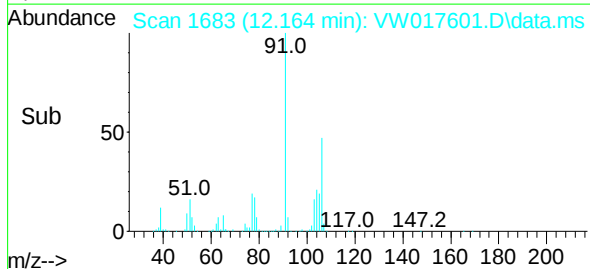
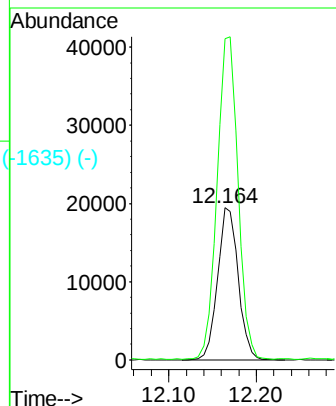
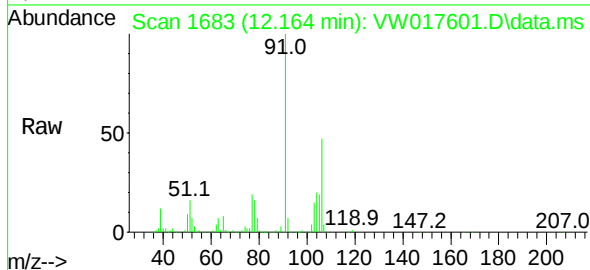
o-Xylene
Concen: 5.68 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:106 Resp: 31754
Ion Ratio Lower Upper
106 100
91 214.9 103.6 310.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

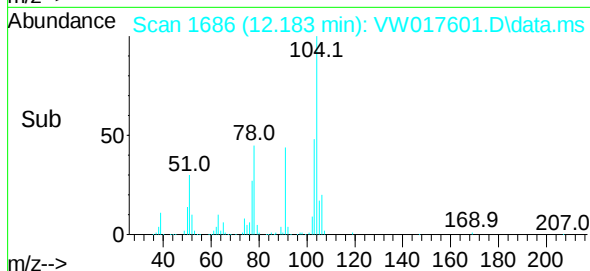
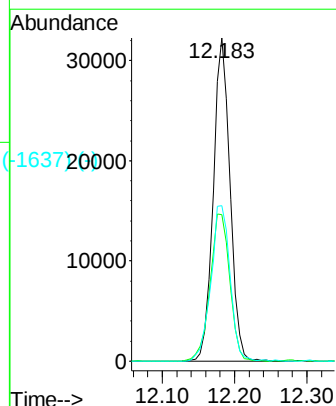
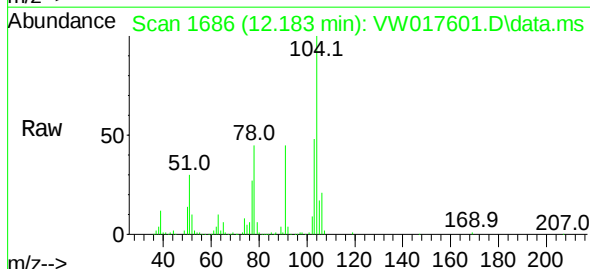
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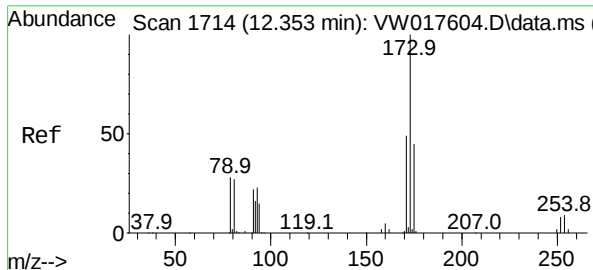
MMDadoda
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Styrene
Concen: 5.44 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:104 Resp: 52132
Ion Ratio Lower Upper
104 100
78 53.6 37.6 56.4
103 55.3 43.6 65.4





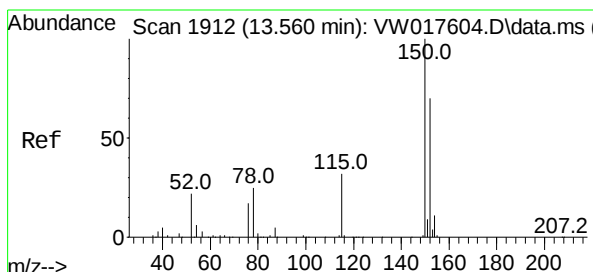
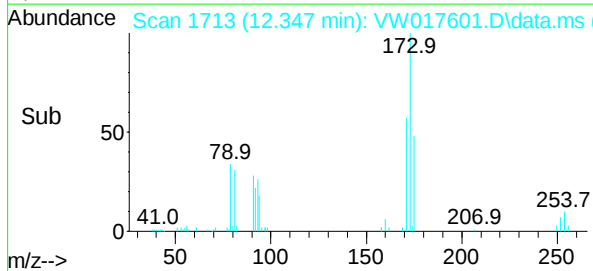
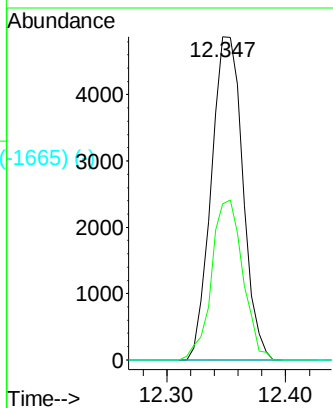
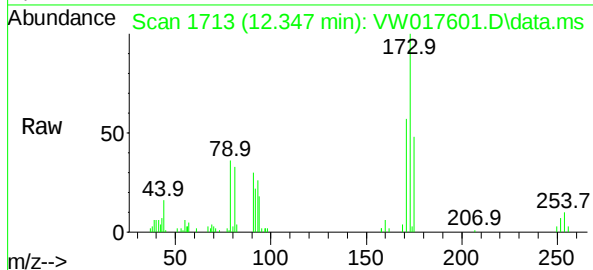
Bromoform
Concen: 5.37 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	173	Resp:	8985
Ion Ratio	Lower	Upper	
173	100		
175	49.3	24.7	74.1
254	0.0	0.1	0.1#

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

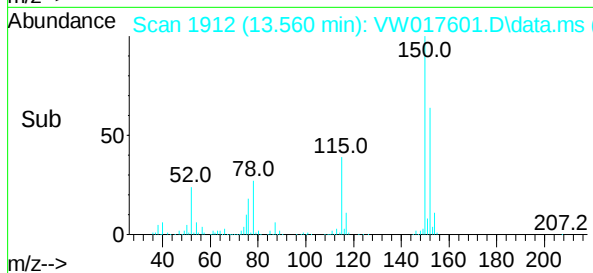
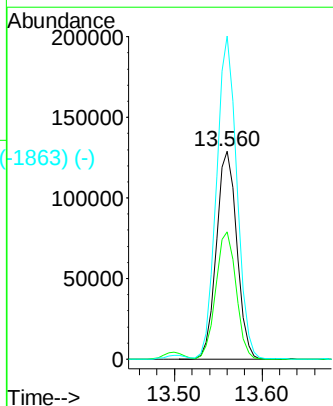
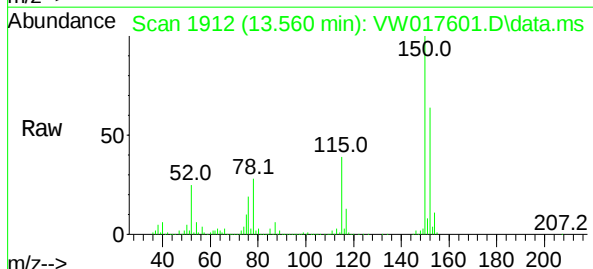
Manual Integrations
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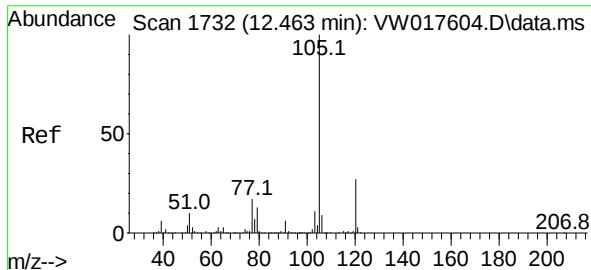
MMDadoda
12/15/2020 4:50:18 PM



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	152	Resp:	208946
Ion Ratio	Lower	Upper	
152	100		
115	60.9	27.9	83.7
150	155.0	0.0	344.0





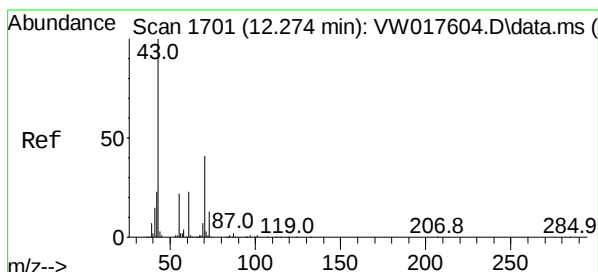
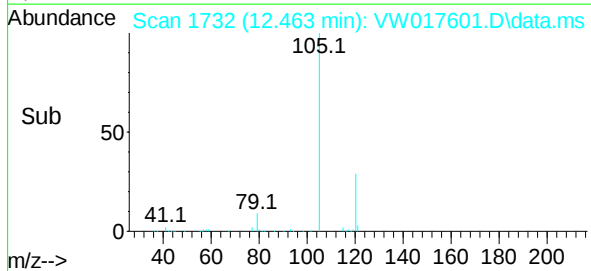
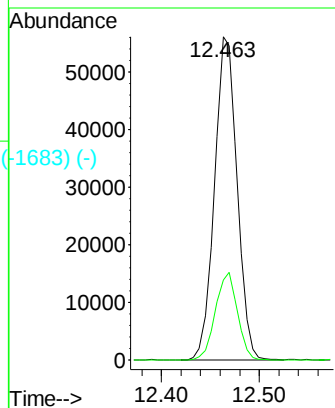
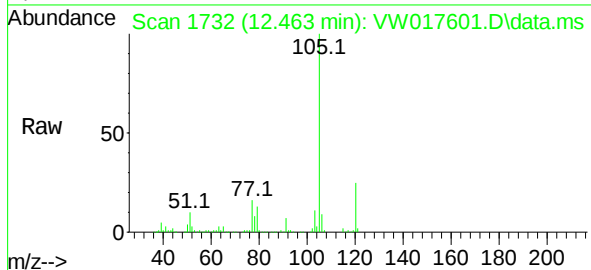
Isopropylbenzene
Concen: 6.00 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 89565
Ion Ratio Lower Upper
105 100
120 26.4 13.6 40.7

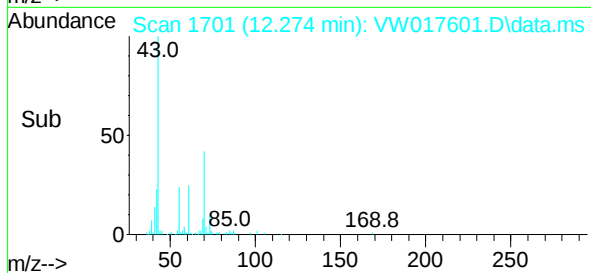
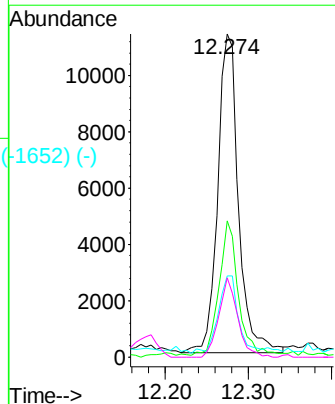
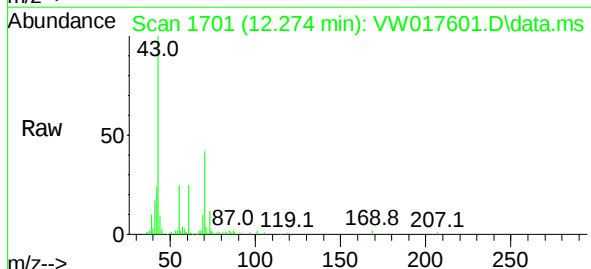
Manual Integrations
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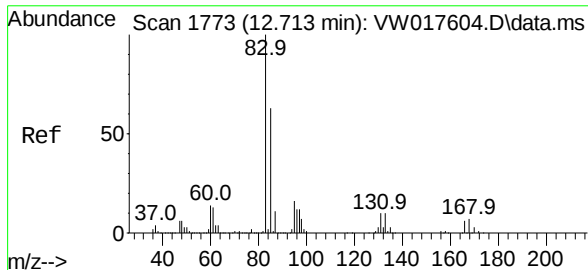
MMDadoda
12/15/2020 4:50:18 PM



N-amyI acetate
Concen: 7.17 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 43 Resp: 19770
Ion Ratio Lower Upper
43 100
70 38.7 40.2 60.4#
55 23.4 21.4 32.0
61 22.5 21.4 32.2





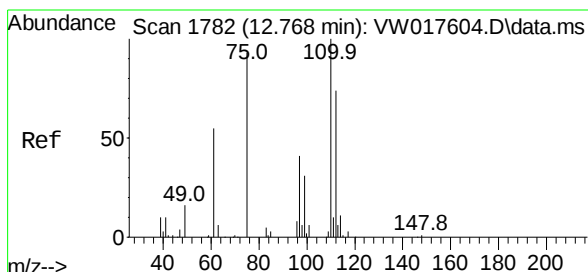
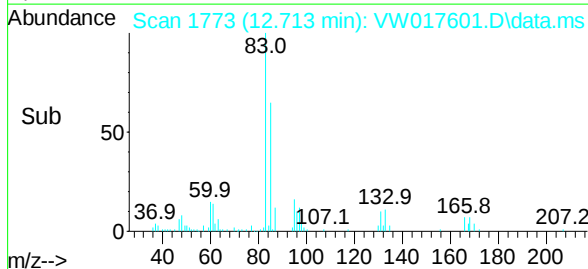
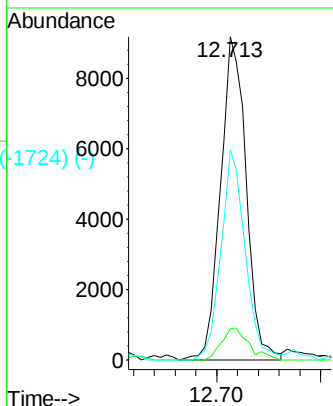
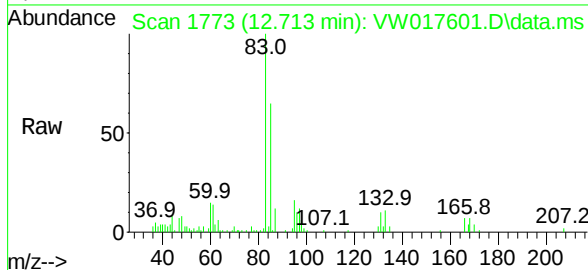
Scan 1773 (12.713 min): VW017604.D\data.ms (-1775) (-)
 1,1,2,2-Tetrachloroethane
 Concen: 6.31 ug/l
 RT: 12.713 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	83	Resp:	15873
Ion	Ratio	Lower	Upper
83	100		
131	10.6	6.1	18.3
85	61.6	32.7	98.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

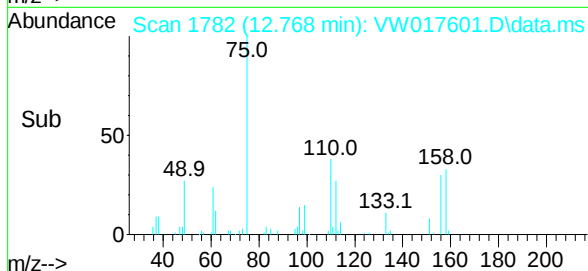
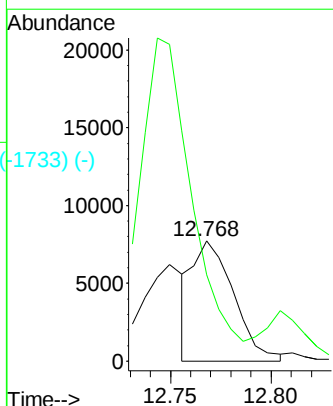
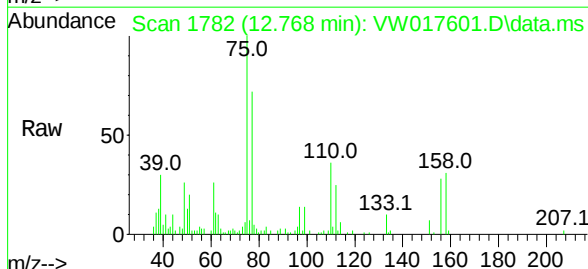
Manual Integrations
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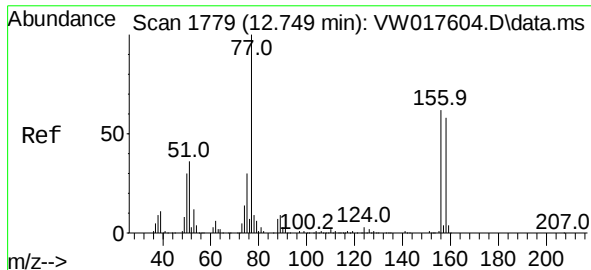
MMDadoda
 12/15/2020 4:50:18 PM



Scan 1782 (12.768 min): VW017604.D\data.ms (-1780) (-)
 1,2,3-Trichloropropane
 Concen: 5.94 ug/l m
 RT: 12.768 min Scan# 1782
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	75	Resp:	10989
Ion	Ratio	Lower	Upper
75	100		
77	0.0	178.8	536.3#





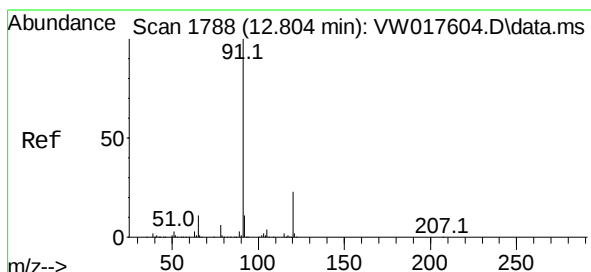
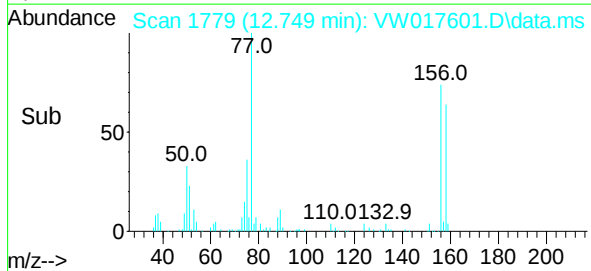
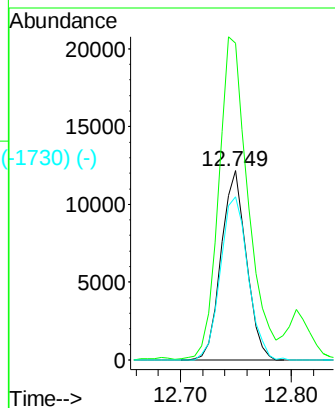
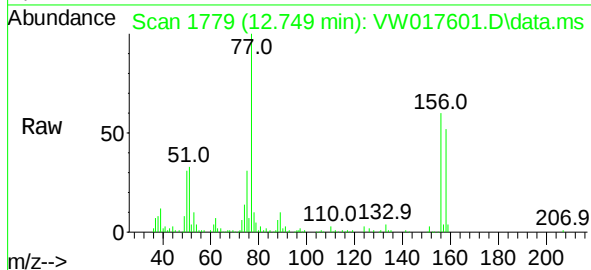
Bromobenzene
Concen: 5.49 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Tgt Ion:156 Resp: 19175
Ion Ratio Lower Upper
156 100
77 197.7 79.0 237.2
158 94.5 47.0 141.2

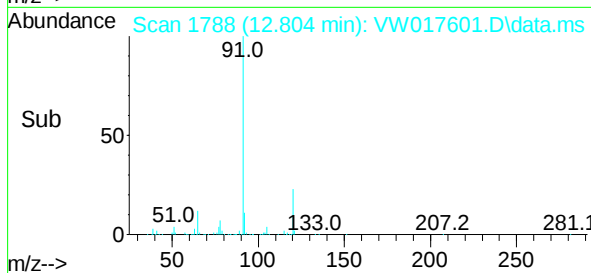
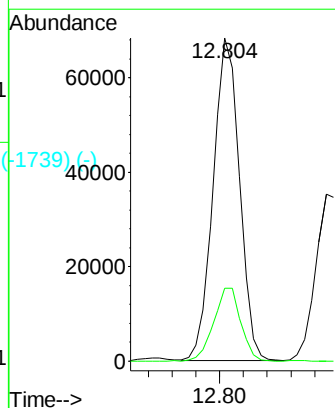
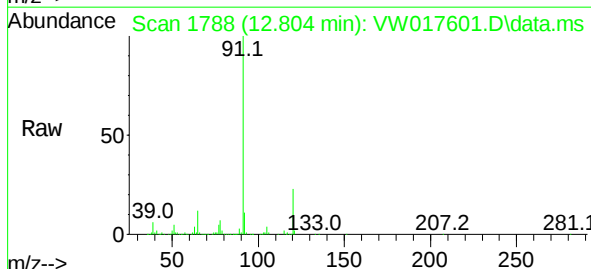
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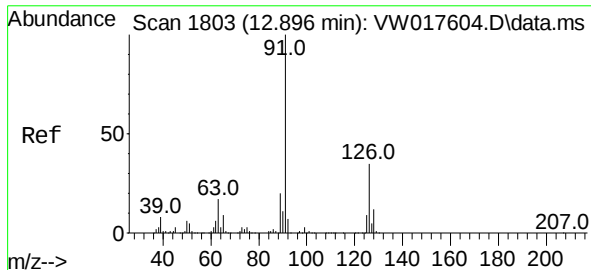
MMDadoda
12/15/2020 4:50:18 PM



n-propylbenzene
Concen: 5.86 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 91 Resp: 105297
Ion Ratio Lower Upper
91 100
120 23.2 12.0 36.1





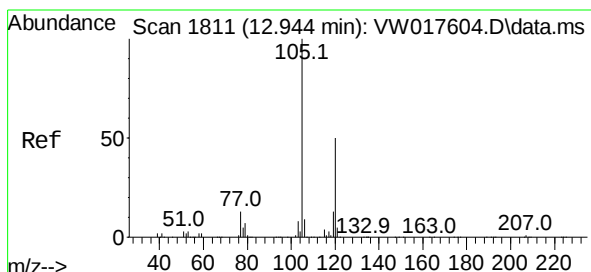
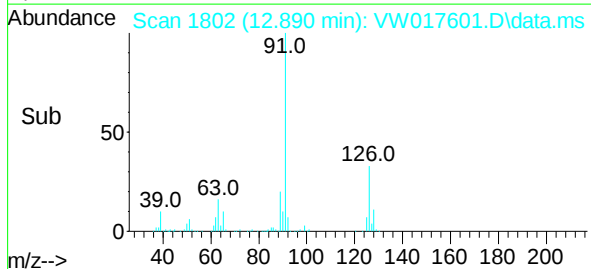
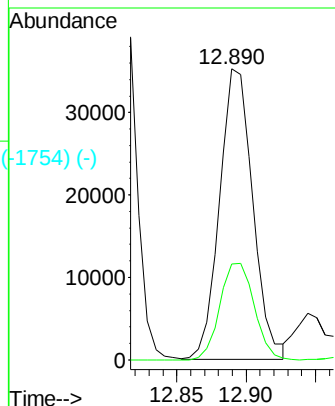
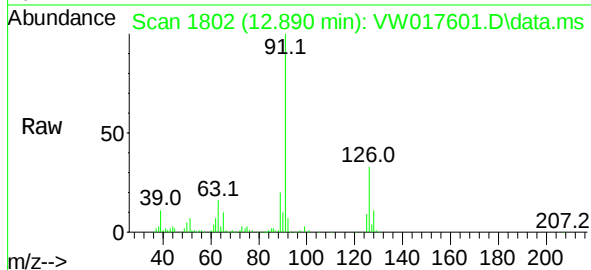
2-Chlorotoluene
Concen: 5.79 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.006 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 91 Resp: 58521
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

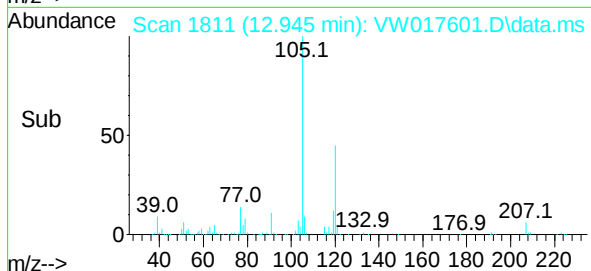
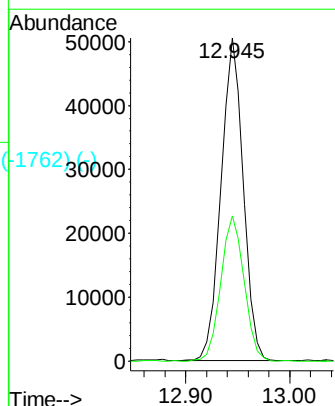
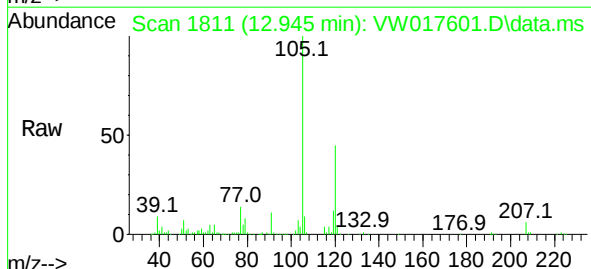
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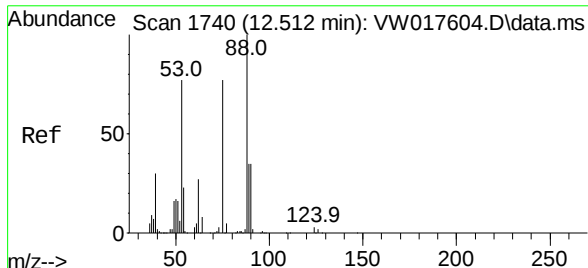
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1,3,5-Trimethylbenzene
Concen: 6.03 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion: 105 Resp: 75834
Ion Ratio Lower Upper
105 100
120 47.0 24.9 74.8





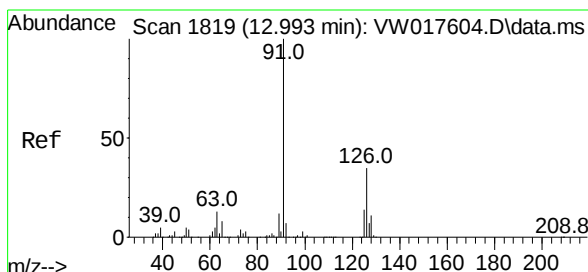
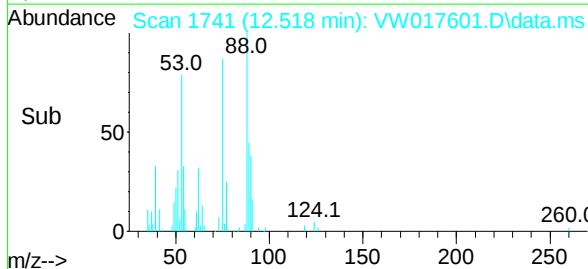
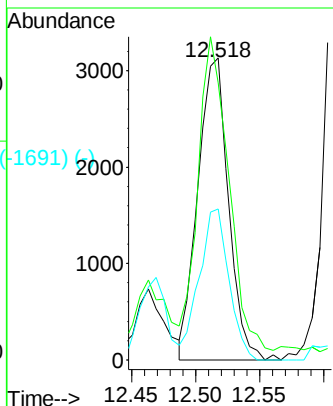
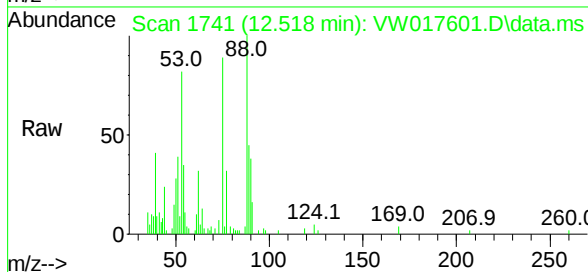
Scan 1740 (12.512 min): VW017604.D\data.ms (-1736) (-)
 trans-1,4-Dichloro-2-butene
 Concen: 6.48 ug/l
 RT: 12.518 min Scan# 1741
 Delta R.T. 0.006 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	75	Resp:	5211
Ion	Ratio	Lower	Upper
75	100		
53	103.4	77.0	115.4
89	48.5	38.7	58.1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

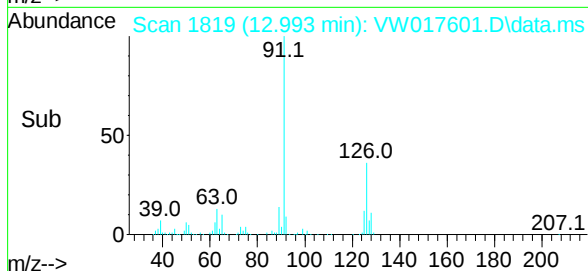
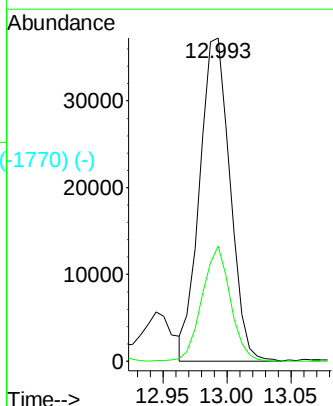
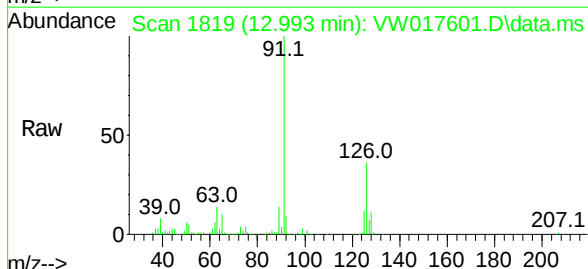
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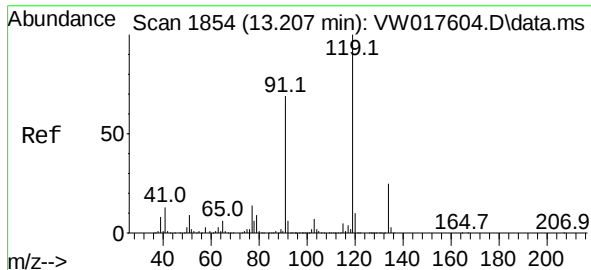
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Scan 1819 (12.993 min): VW017604.D\data.ms (-1832) (-)
 4-Chlorotoluene
 Concen: 5.78 ug/l
 RT: 12.993 min Scan# 1819
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

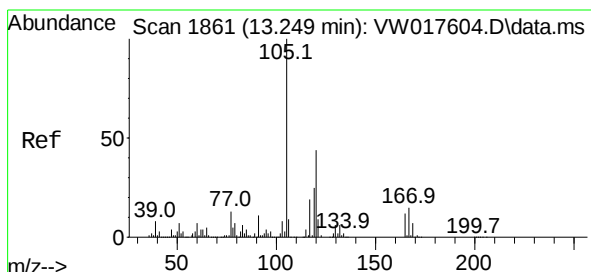
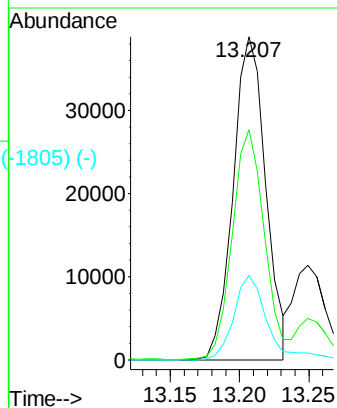
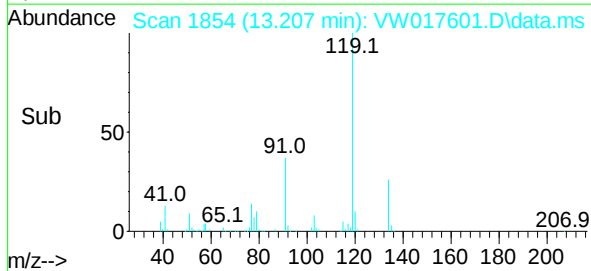
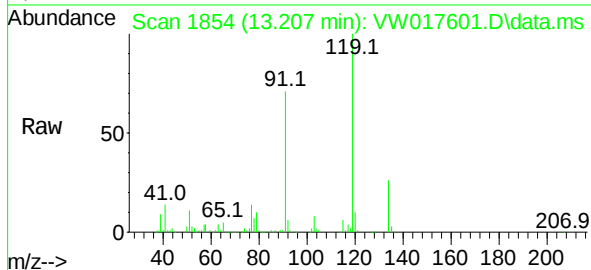
Tgt Ion:	91	Resp:	61490
Ion	Ratio	Lower	Upper
91	100		
126	33.1	18.1	54.3





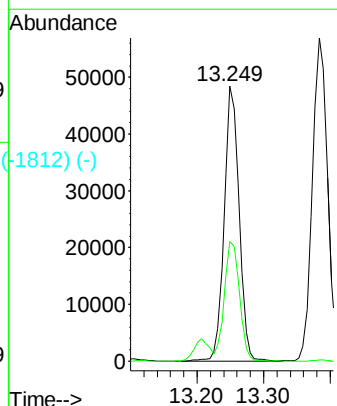
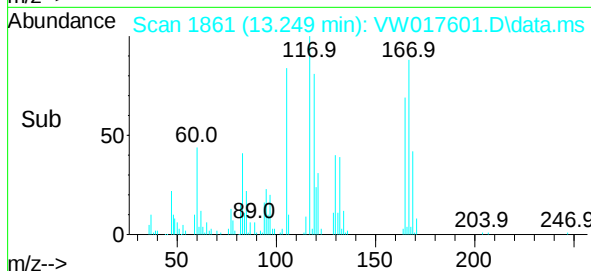
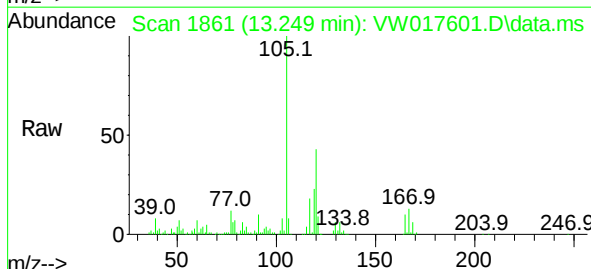
Scan 1854 (13.207 min): VW017604.D\data.ms (-1805) (-)
 tert-Butylbenzene
 Concen: 5.89 ug/l
 RT: 13.207 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	119	Resp:	63535
Ion	Ratio	Lower	Upper
119	100		
91	71.2	31.3	93.9
134	26.9	14.0	42.0



Scan 1861 (13.249 min): VW017604.D\data.ms (-1806) (-)
 1,2,4-Trimethylbenzene
 Concen: 6.02 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

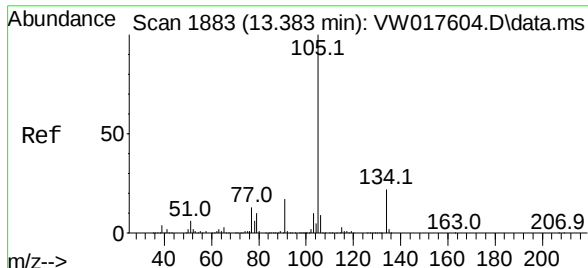
Tgt Ion:	105	Resp:	75485
Ion	Ratio	Lower	Upper
105	100		
120	44.4	23.4	70.0



Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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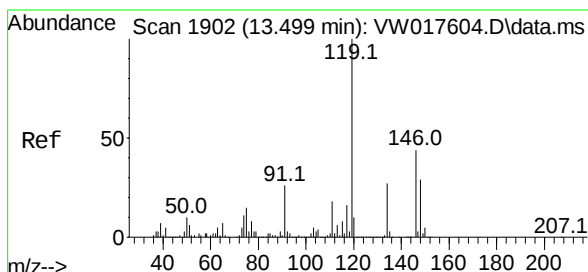
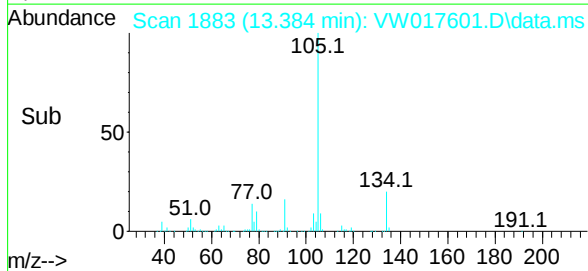
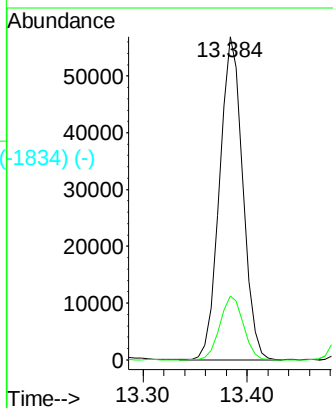
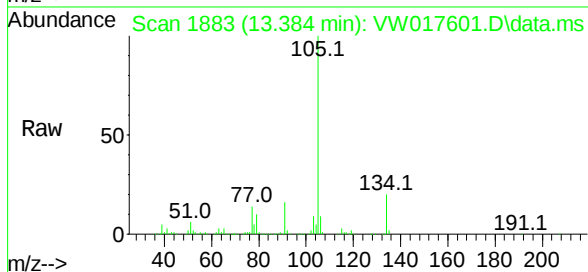
sec-Butylbenzene
Concen: 5.88 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:105 Resp: 89191
Ion Ratio Lower Upper
105 100
134 19.9 10.6 31.8

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

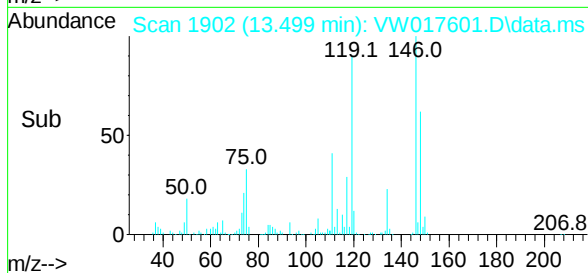
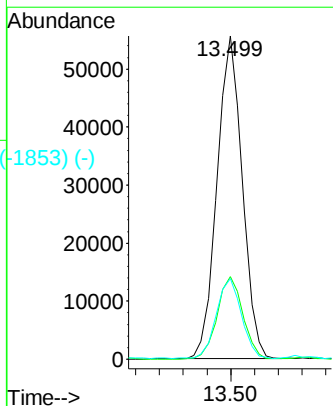
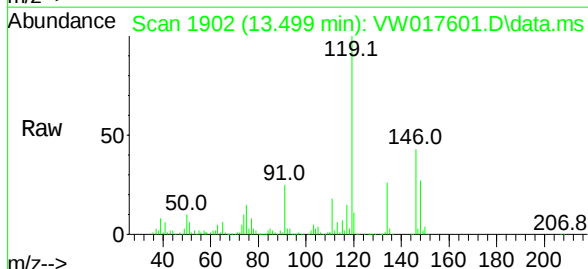
Manual Integrations
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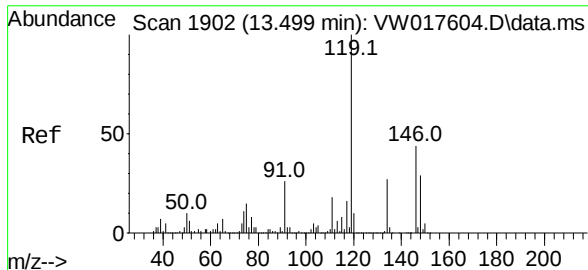
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p-Isopropyltoluene
Concen: 5.85 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:119 Resp: 81931
Ion Ratio Lower Upper
119 100
134 26.1 13.8 41.3
91 25.1 11.3 33.9





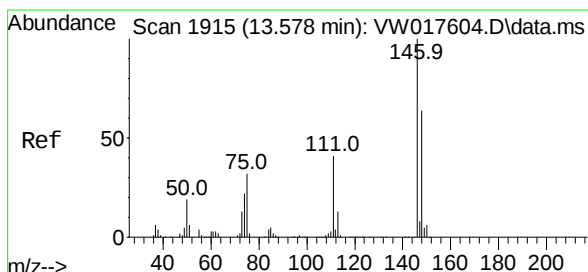
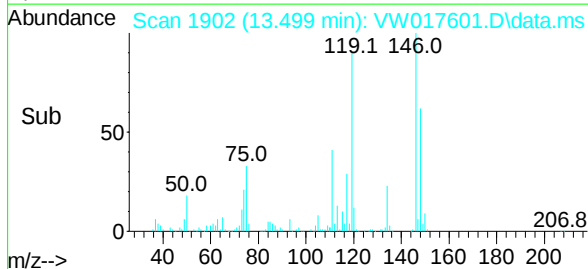
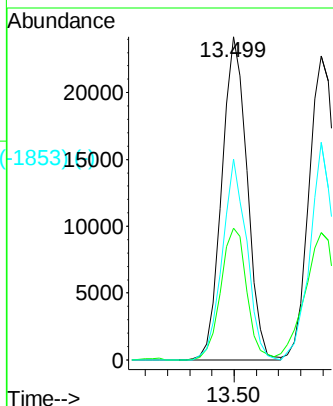
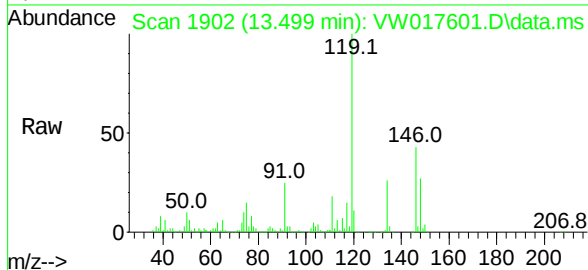
Scan 1902 (13.499 min): VW017604.D\data.ms (-1834) (-)
 1,3-Dichlorobenzene
 Concen: 5.53 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	146	Resp:	38357
Ion	Ratio	Lower	Upper
146	100		
111	41.8	19.1	57.5
148	59.5	32.5	97.4

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

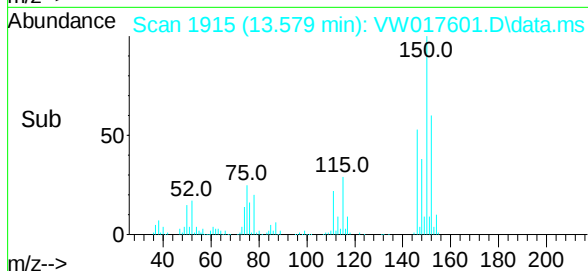
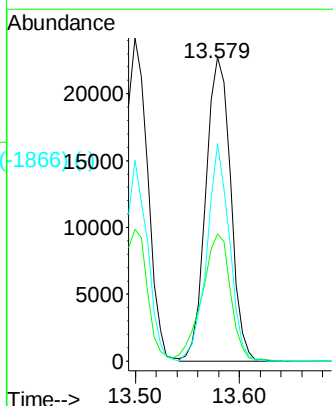
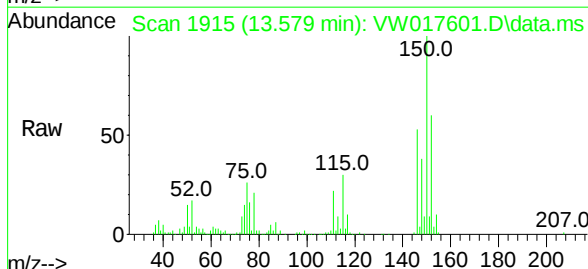
Manual Integrations
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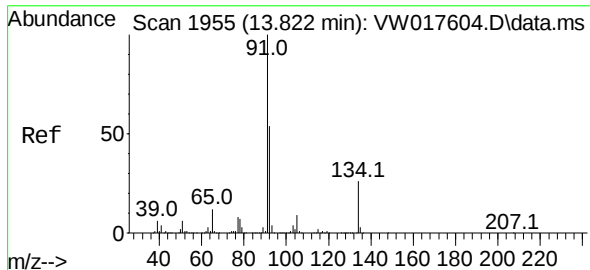
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Scan 1915 (13.578 min): VW017604.D\data.ms (-1838) (-)
 1,4-Dichlorobenzene
 Concen: 5.52 ug/l
 RT: 13.579 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	146	Resp:	37736
Ion	Ratio	Lower	Upper
146	100		
111	48.0	18.5	55.5
148	65.1	31.8	95.4





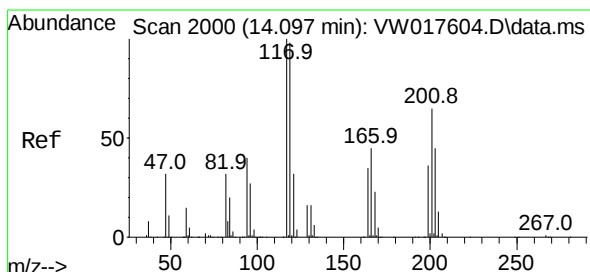
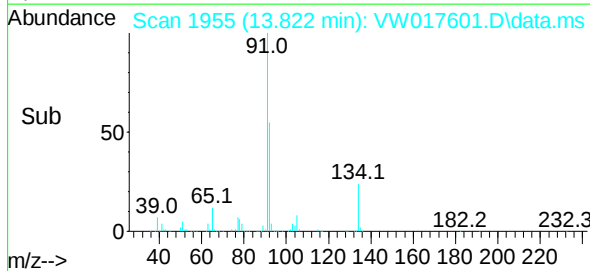
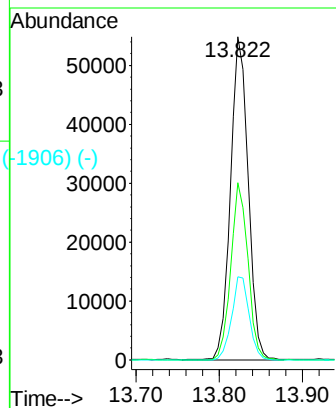
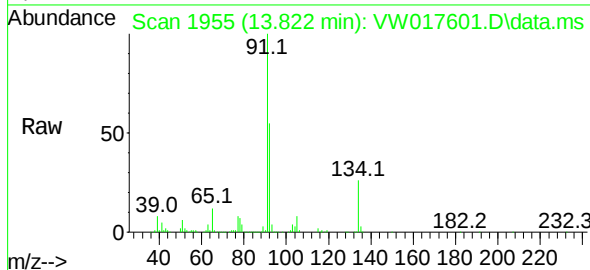
n-Butylbenzene
Concen: 6.20 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.6	79.7
134	25.4	14.3	42.9

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

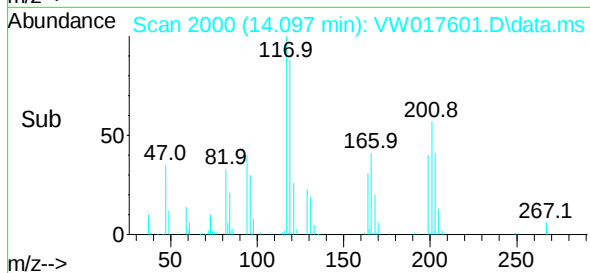
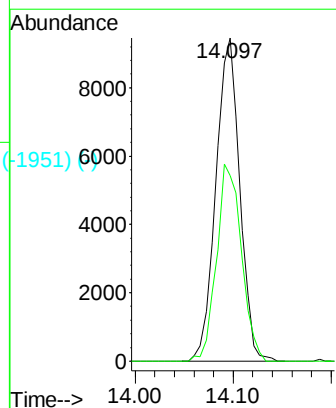
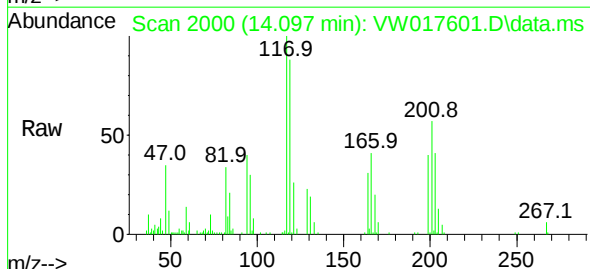
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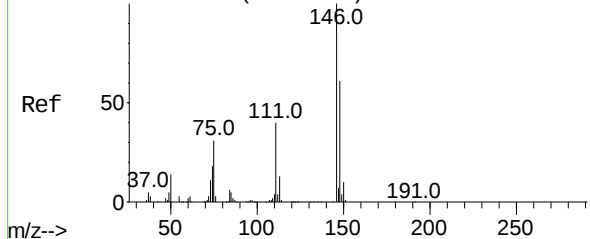


Hexachloroethane
Concen: 5.99 ug/l
RT: 14.097 min Scan# 2000
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion	Ratio	Lower	Upper
117	100		
201	63.2	41.9	125.7



Abundance Scan 1963 (13.871 min): VW017604.D\data.ms (-1914) (-)



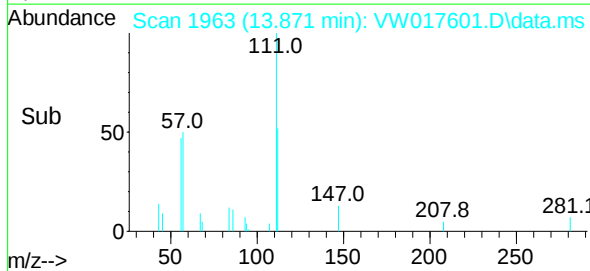
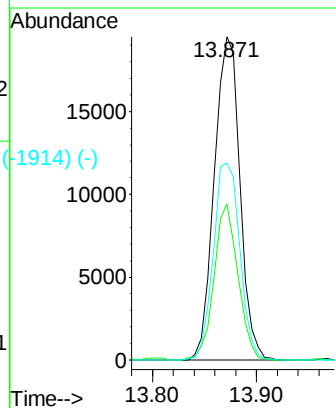
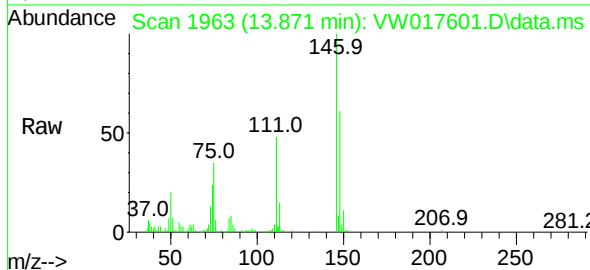
1,2-Dichlorobenzene
Concen: 5.56 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion:	146	Resp:	33582
Ion	Ratio	Lower	Upper
146	100		
111	45.0	20.1	60.3
148	63.2	33.1	99.3

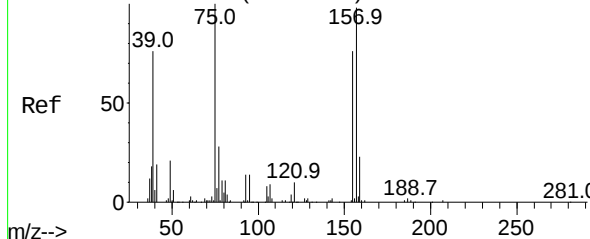
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005

Manual Integrations
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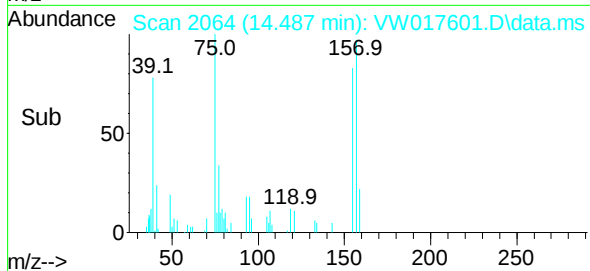
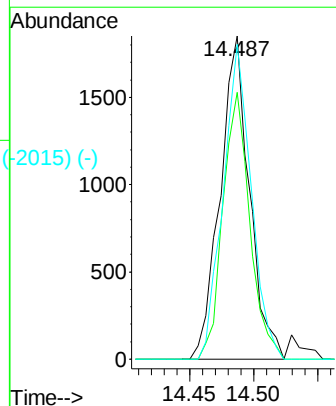
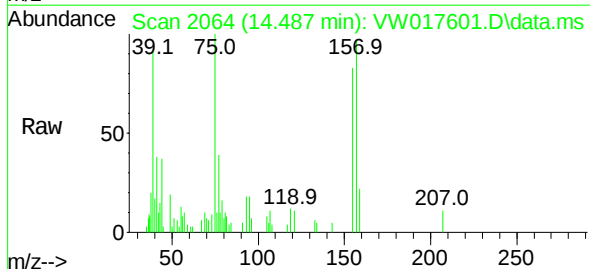


Abundance Scan 2064 (14.487 min): VW017604.D\data.ms (-2092) (-)



1,2-Dibromo-3-Chloropropane
Concen: 6.74 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

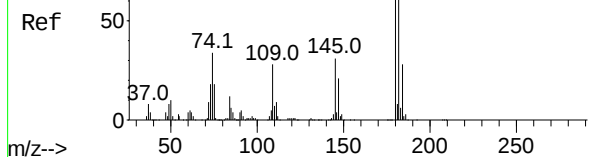
Tgt Ion:	75	Resp:	2932
Ion	Ratio	Lower	Upper
75	100		
155	75.8	47.6	142.8
157	93.5	62.2	186.6



Abundance Scan 2170 (15.133 min): VW017604.D\data.ms (-2103) (-)

1,2,4-Trichlorobenzene
Concen: 5.41 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

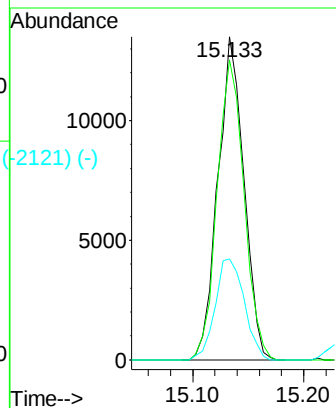
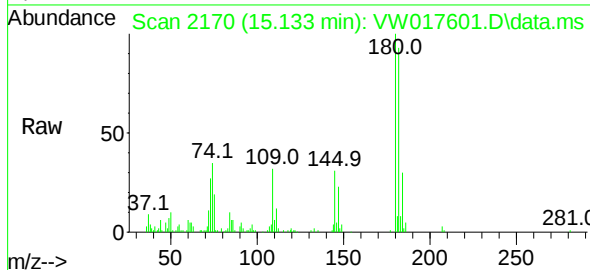
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC005



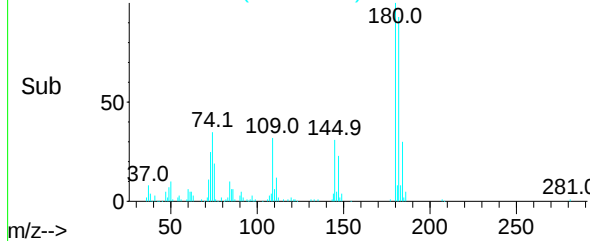
Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.3	144.9
145	35.0	14.9	44.5

Manual Integrations
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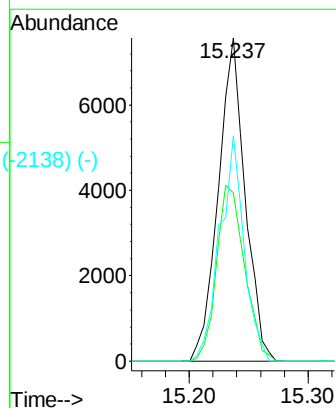
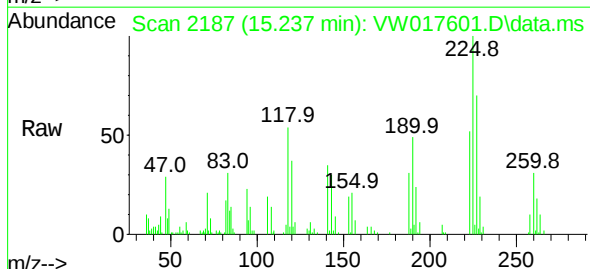
Abundance Scan 2170 (15.133 min): VW017601.D\data.ms (-2121) (-)



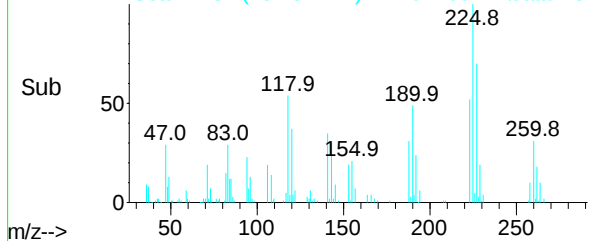
Abundance Scan 2187 (15.237 min): VW017604.D\data.ms (-2194) (-)

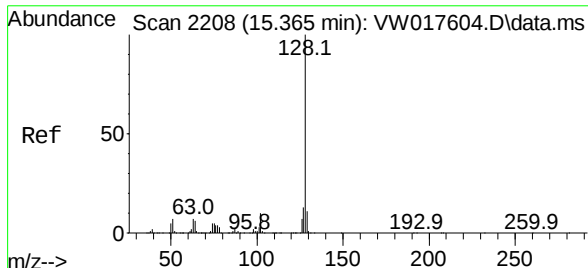
Hexachlorobutadiene
Concen: 4.94 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VW017601.D
Acq: 14 Dec 2020 10:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	56.9	31.9	95.7
227	63.0	33.0	99.0



Abundance Scan 2187 (15.237 min): VW017601.D\data.ms (-2138) (-)





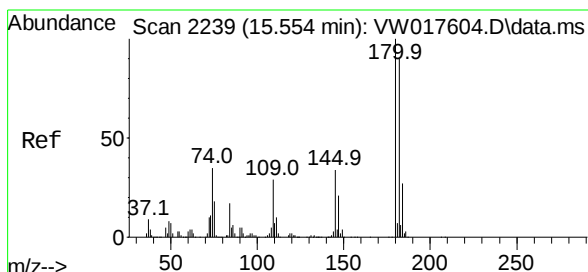
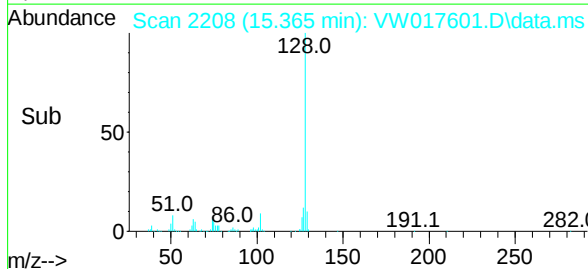
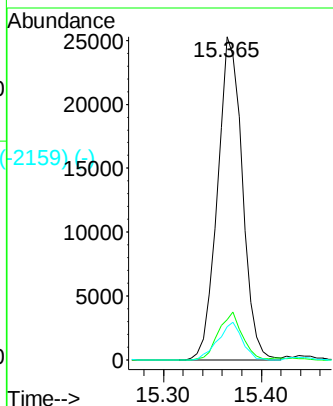
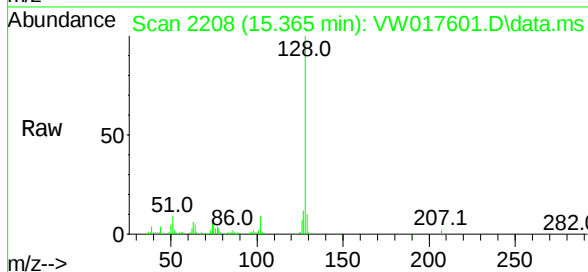
Scan 2208 (15.365 min): VW017604.D\data.ms (-2195) (-)
 Naphthalene
 Concen: 6.30 ug/l
 RT: 15.365 min Scan# 2208
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	128	Resp:	44538
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.4	15.6
129	11.3	8.6	12.8

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
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Scan 2239 (15.554 min): VW017604.D\data.ms (-2236) (-)
 1,2,3-Trichlorobenzene
 Concen: 5.48 ug/l
 RT: 15.554 min Scan# 2239
 Delta R.T. 0.000 min
 Lab File: VW017601.D
 Acq: 14 Dec 2020 10:02

Tgt Ion:	180	Resp:	19345
Ion	Ratio	Lower	Upper
180	100		
182	94.1	49.4	148.2
145	33.9	16.3	48.9

