

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031721\
 Data File : VD068632.D
 Acq On : 17 Mar 2021 12:10
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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 3/18/2021 2:17:55 PM

Quant Time: Mar 18 00:54:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	260875	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	438965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	393196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	215166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	117691	45.15	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.30%		
35) Dibromofluoromethane	7.920	113	128704	48.67	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.34%		
50) Toluene-d8	10.344	98	492987	46.81	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.62%		
62) 4-Bromofluorobenzene	12.632	95	166801	49.14	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	98.28%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	122389	48.34	ug/l	99
3) Chloromethane	2.209	50	151093	47.23	ug/l	97
4) Vinyl Chloride	2.350	62	189480	49.88	ug/l	97
5) Bromomethane	2.768	94	125508	46.40	ug/l	98
6) Chloroethane	2.921	64	124106	50.52	ug/l	96
7) Trichlorofluoromethane	3.273	101	237007	54.69	ug/l	100
8) Diethyl Ether	3.709	74	60718	47.06	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.097	101	138985	52.64	ug/l	95
10) Methyl Iodide	4.297	142	141604	45.12	ug/l	95
11) Tert butyl alcohol	5.226	59	34077	244.87	ug/l	97
12) 1,1-Dichloroethene	4.068	96	129488	49.42	ug/l	95
13) Acrolein	3.921	56	44531	223.89	ug/l	97
14) Allyl chloride	4.720	41	164625	48.67	ug/l	98
15) Acrylonitrile	5.426	53	137658	252.78	ug/l	98
16) Acetone	4.156	43	123877	299.21	ug/l	92
17) Carbon Disulfide	4.409	76	396975	46.25	ug/l	100
18) Methyl Acetate	4.720	43	55412	51.93	ug/l	95
19) Methyl tert-butyl Ether	5.485	73	312219	54.97	ug/l	95
20) Methylene Chloride	4.962	84	160053	51.85	ug/l	97
21) trans-1,2-Dichloroethene	5.467	96	165947	53.05	ug/l	96
22) Diisopropyl ether	6.367	45	356175	47.81	ug/l	95
23) Vinyl Acetate	6.303	43	940516	243.35	ug/l	99
24) 1,1-Dichloroethane	6.267	63	250791	49.12	ug/l	98
25) 2-Butanone	7.214	43	146580	246.29	ug/l	100
26) 2,2-Dichloropropane	7.209	77	228422	53.70	ug/l	100
27) cis-1,2-Dichloroethene	7.214	96	168007	48.92	ug/l	96
28) Bromochloromethane	7.544	49	94293	47.31	ug/l	83
29) Tetrahydrofuran	7.561	42	89969	232.81	ug/l	99
30) Chloroform	7.709	83	263607	48.89	ug/l	97
31) Cyclohexane	7.985	56	218537	46.10	ug/l	91
32) 1,1,1-Trichloroethane	7.903	97	241459	52.46	ug/l	97
36) 1,1-Dichloropropene	8.114	75	215047	51.54	ug/l	96
37) Ethyl Acetate	7.297	43	64499	46.59	ug/l	97
38) Carbon Tetrachloride	8.097	117	210802	53.77	ug/l	97
39) Methylcyclohexane	9.355	83	261684	50.85	ug/l	99
40) Benzene	8.350	78	587235	49.06	ug/l	93

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	37435m	46.58	ug/l	
42) 1,2-Dichloroethane	8.426	62	152591	48.48	ug/l	99
43) Isopropyl Acetate	8.450	43	126651	49.78	ug/l	98
44) Trichloroethene	9.114	130	164739	50.14	ug/l	98
45) 1,2-Dichloropropane	9.391	63	142259	49.72	ug/l	94
46) Dibromomethane	9.473	93	77900	50.05	ug/l	93
47) Bromodichloromethane	9.661	83	202439	50.28	ug/l	99
48) Methyl methacrylate	9.456	41	65477	48.28	ug/l	96
49) 1,4-Dioxane	9.461	88	18083	1018.65	ug/l	92
51) 4-Methyl-2-Pentanone	10.226	43	328325	246.59	ug/l	99
52) Toluene	10.403	92	387904	50.75	ug/l	96
53) t-1,3-Dichloropropene	10.620	75	191334	51.41	ug/l	96
54) cis-1,3-Dichloropropene	10.091	75	225758	49.72	ug/l	97
55) 1,1,2-Trichloroethane	10.802	97	110285	51.20	ug/l	97
56) Ethyl methacrylate	10.661	69	123365	49.82	ug/l	98
57) 1,3-Dichloropropane	10.944	76	183711	48.86	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.944	63	307398	247.46	ug/l	94
59) 2-Hexanone	10.985	43	239781	270.18	ug/l	100
60) Dibromochloromethane	11.138	129	136869	51.32	ug/l	100
61) 1,2-Dibromoethane	11.244	107	103574	49.13	ug/l	98
64) Tetrachloroethene	10.873	164	132866	51.75	ug/l	98
65) Chlorobenzene	11.673	112	411503	51.39	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.744	131	149335	53.65	ug/l	99
67) Ethyl Benzene	11.744	91	771608	53.98	ug/l	95
68) m/p-Xylenes	11.849	106	591663	108.99	ug/l	98
69) o-Xylene	12.179	106	271809	54.37	ug/l	94
70) Styrene	12.197	104	466869	54.61	ug/l	99
71) Bromoform	12.361	173	77407	54.74	ug/l #	98
73) Isopropylbenzene	12.479	105	754548	47.28	ug/l	98
74) N-amyl acetate	12.285	43	123761	45.52	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.726	83	127948	46.60	ug/l	96
76) 1,2,3-Trichloropropane	12.779	75	84883m	44.44	ug/l	
77) Bromobenzene	12.761	156	169585	46.57	ug/l	92
78) n-propylbenzene	12.820	91	949993	49.82	ug/l	97
79) 2-Chlorotoluene	12.908	91	522589	49.38	ug/l	100
80) 1,3,5-Trimethylbenzene	12.955	105	684048	52.30	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.526	75	38987	47.63	ug/l	97
82) 4-Chlorotoluene	13.002	91	563488	50.60	ug/l	98
83) tert-Butylbenzene	13.220	119	557553	50.07	ug/l	96
84) 1,2,4-Trimethylbenzene	13.267	105	674071	51.46	ug/l	98
85) sec-Butylbenzene	13.396	105	828114	52.64	ug/l	98
86) p-Isopropyltoluene	13.514	119	783597	54.87	ug/l	99
87) 1,3-Dichlorobenzene	13.514	146	368708	52.42	ug/l	99
88) 1,4-Dichlorobenzene	13.591	146	365507	52.45	ug/l	98
89) n-Butylbenzene	13.838	91	759743	55.16	ug/l	97
90) Hexachloroethane	14.108	117	146210	51.52	ug/l	94
91) 1,2-Dichlorobenzene	13.885	146	319064	52.89	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.502	75	21523	44.47	ug/l	93
93) 1,2,4-Trichlorobenzene	15.155	180	223248	47.91	ug/l	99
94) Hexachlorobutadiene	15.261	225	130732	50.55	ug/l	100
95) Naphthalene	15.396	128	402050	47.65	ug/l	100
96) 1,2,3-Trichlorobenzene	15.590	180	191112	47.37	ug/l	99

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ClientSampleId :
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Quant Time: Mar 18 00:54:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

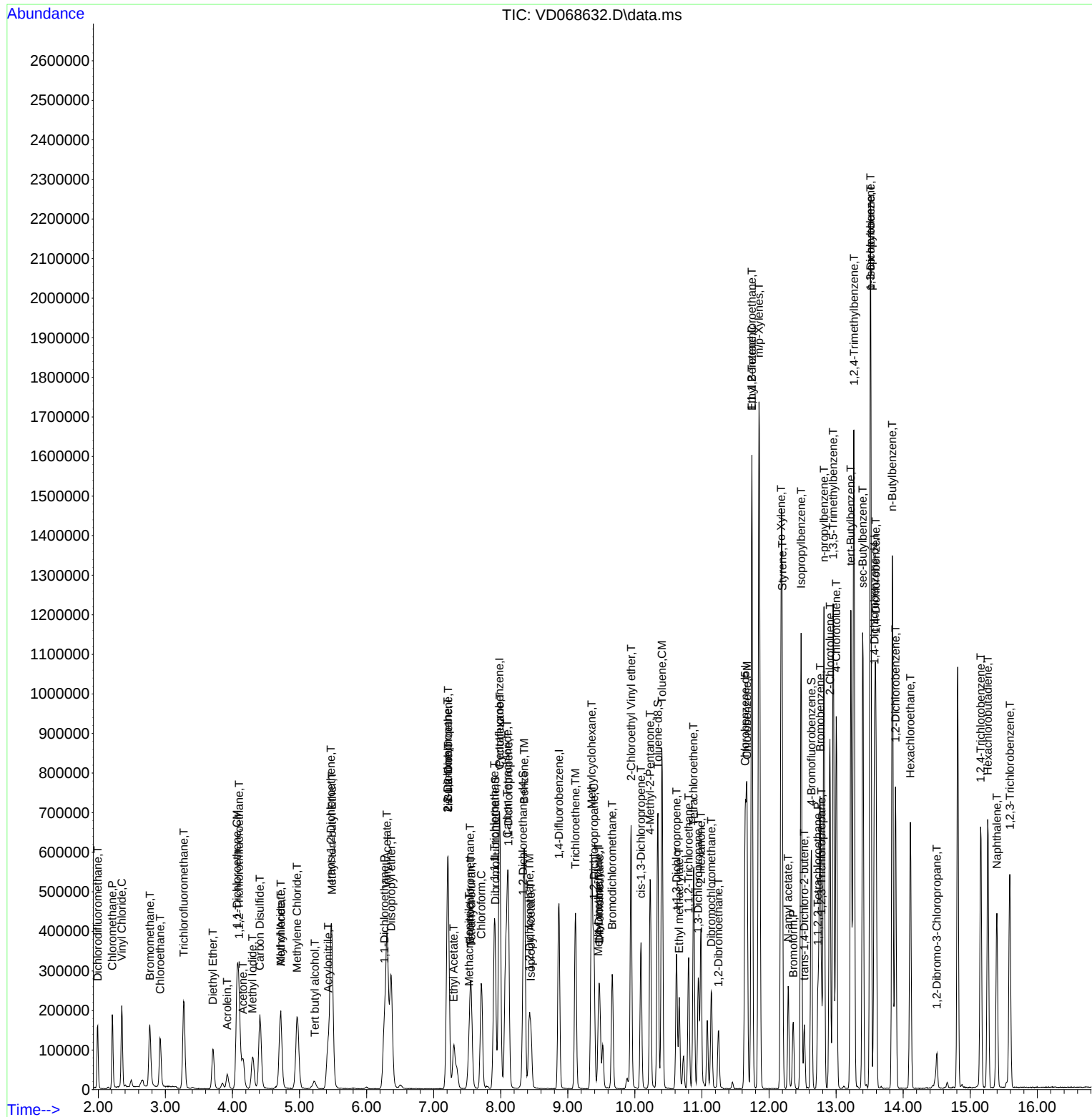
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 Data File : VD068632.D
 Acq On : 17 Mar 2021 12:10
 Operator : VA/SY
 Sample : VSTDC0050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

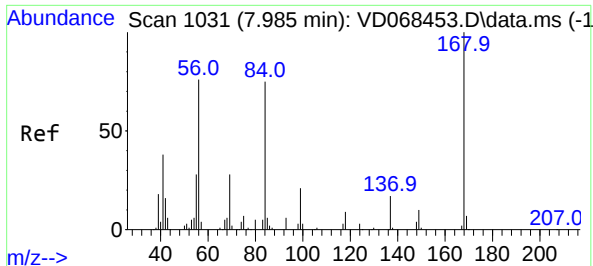
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 ClientSampleId :
 VSTDC0050

Manual Integrations
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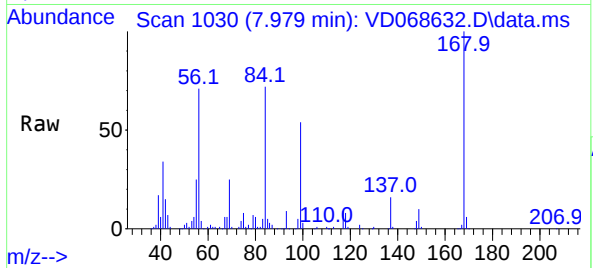
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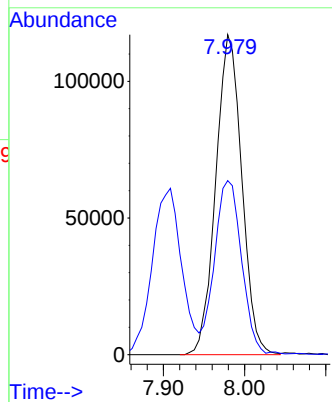




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



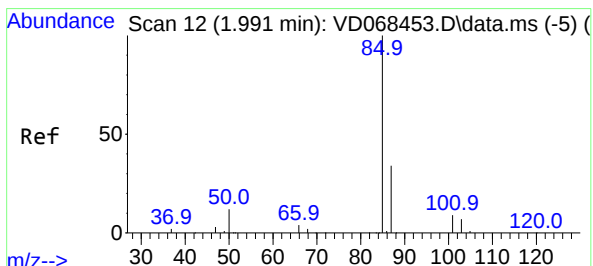
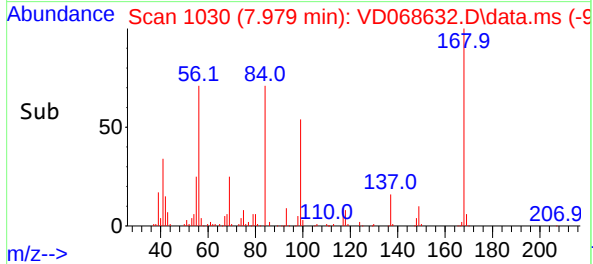
Tgt Ion:168 Resp: 260875
Ion Ratio Lower Upper
168 100
99 54.0 43.5 65.3



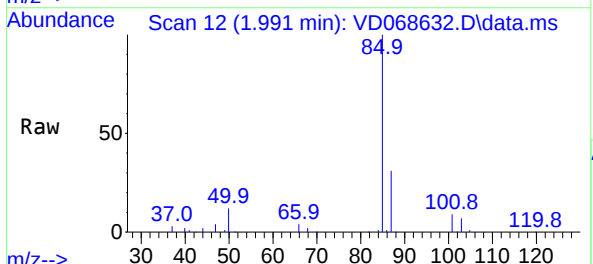
Instrument :
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ClientSampleId :
VSTDCCC050

Manual Integrations
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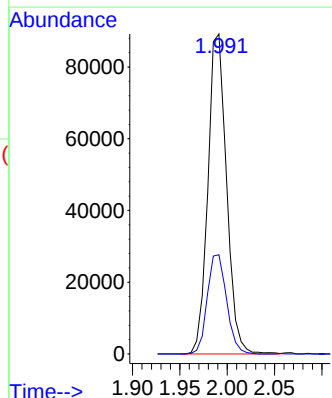
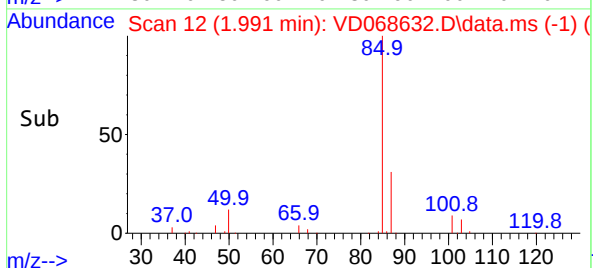
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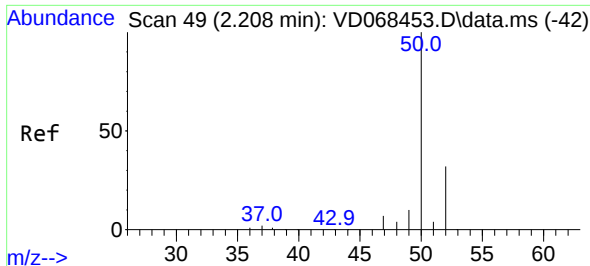


#2
Dichlorodifluoromethane
Concen: 48.34 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion: 85 Resp: 122389
Ion Ratio Lower Upper
85 100
87 31.0 15.4 46.1





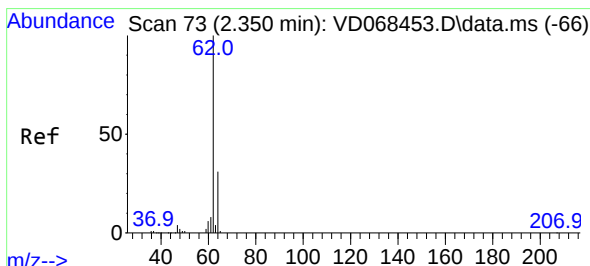
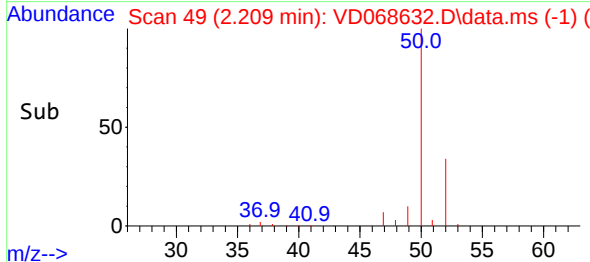
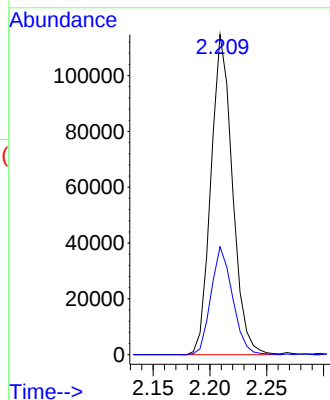
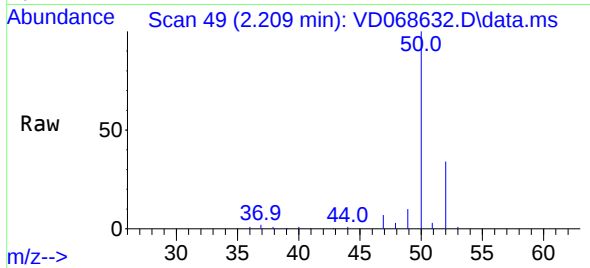
#3
Chloromethane
Concen: 47.23 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 50 Resp: 151093
Ion Ratio Lower Upper
50 100
52 33.7 25.4 38.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

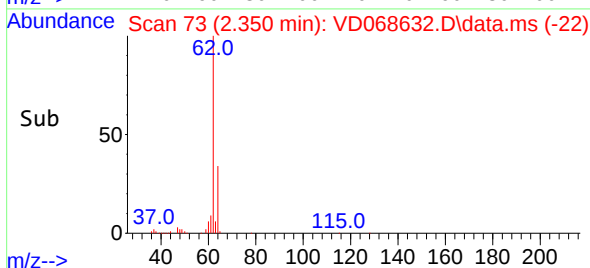
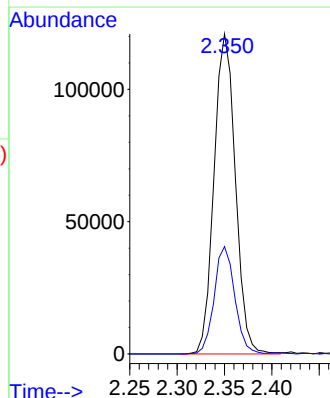
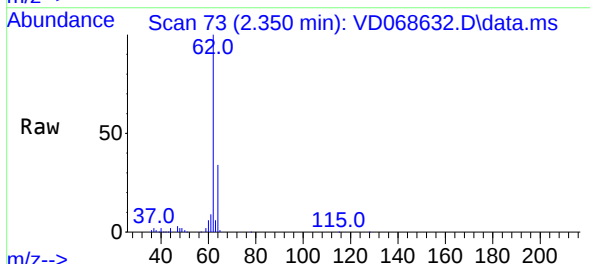
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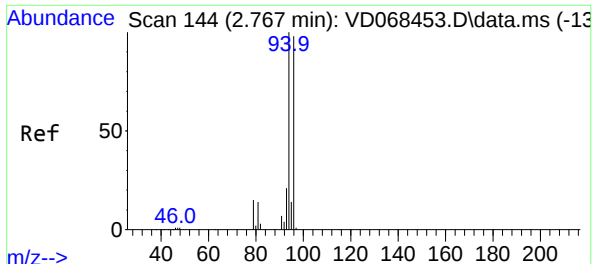
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#4
Vinyl Chloride
Concen: 49.88 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 62 Resp: 189480
Ion Ratio Lower Upper
62 100
64 33.5 25.4 38.2





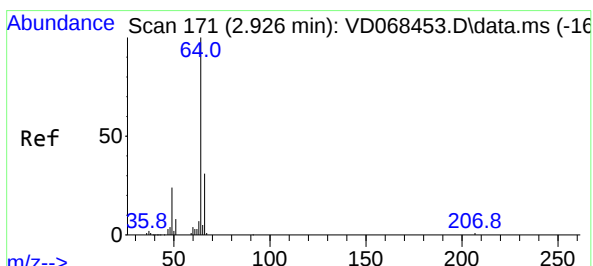
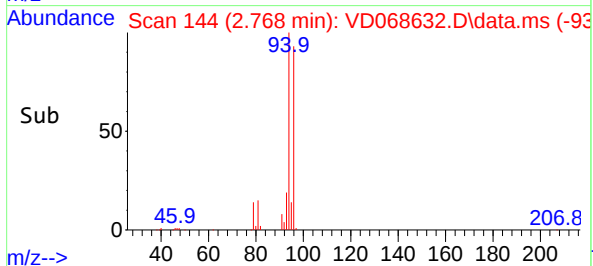
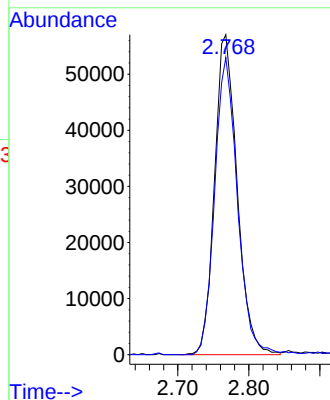
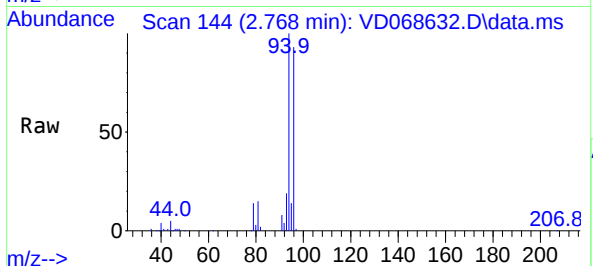
#5
Bromomethane
Concen: 46.40 ug/l
RT: 2.768 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 94 Resp: 125508
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8

Instrument :
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ClientSampleId :
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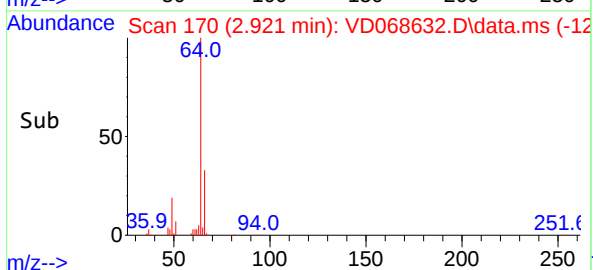
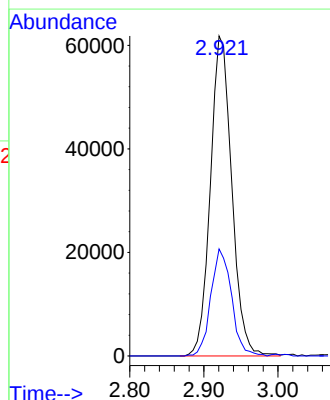
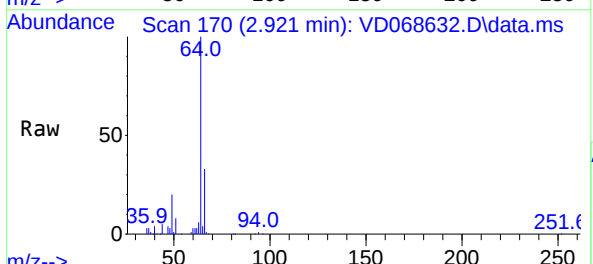
Manual Integrations
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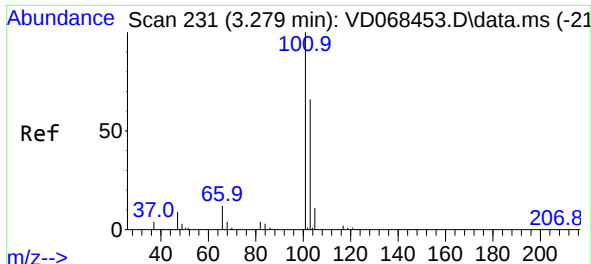
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#6
Chloroethane
Concen: 50.52 ug/l
RT: 2.921 min Scan# 170
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 64 Resp: 124106
Ion Ratio Lower Upper
64 100
66 33.5 25.1 37.7





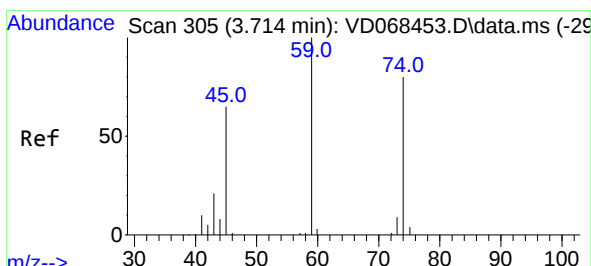
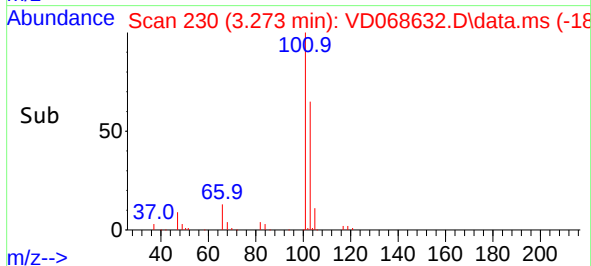
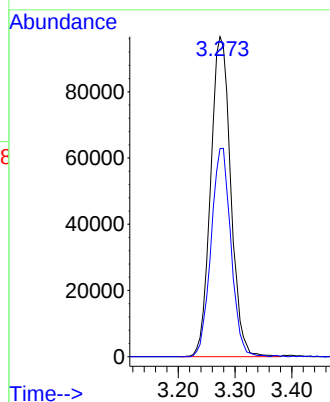
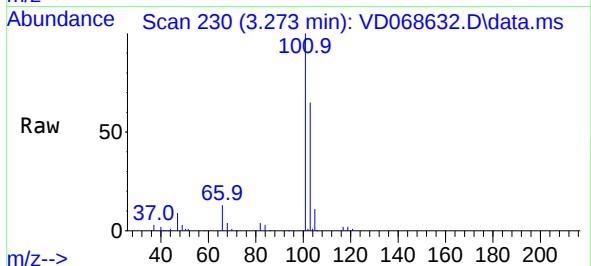
#7
Trichlorofluoromethane
Concen: 54.69 ug/l
RT: 3.273 min Scan# 230
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:101 Resp: 237007
Ion Ratio Lower Upper
101 100
103 65.0 52.0 78.0

Instrument :
MSVOA_D
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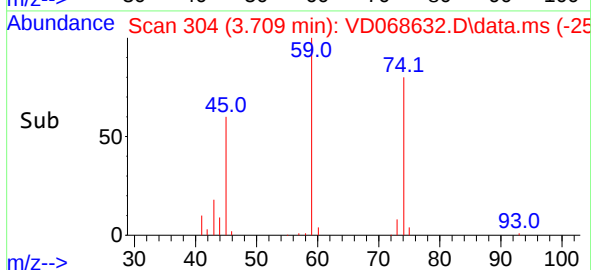
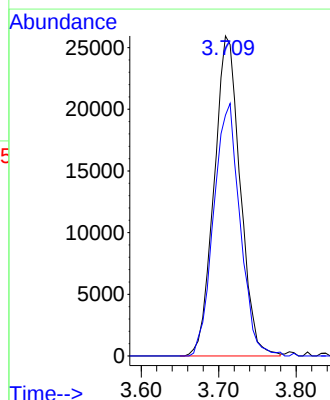
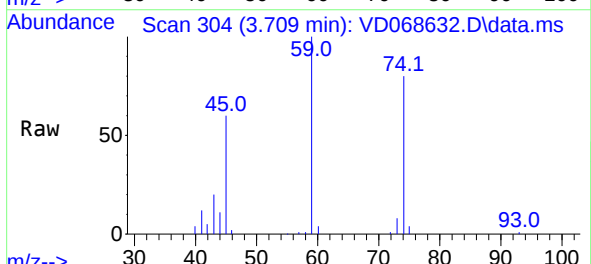
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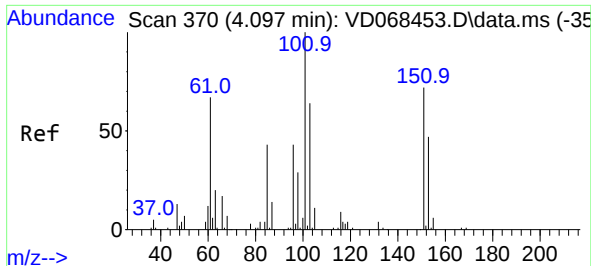
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3/18/2021 2:17:55 PM



#8
Diethyl Ether
Concen: 47.06 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 74 Resp: 60718
Ion Ratio Lower Upper
74 100
45 80.3 42.1 126.4





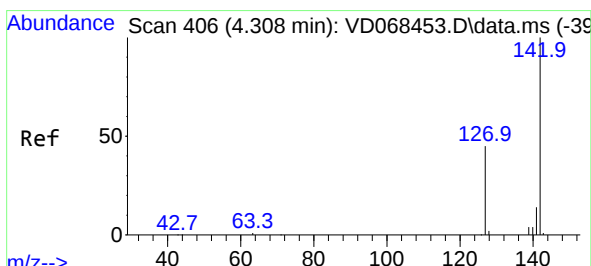
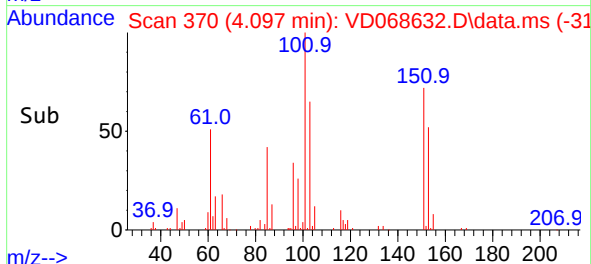
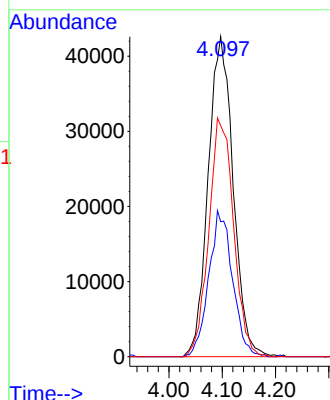
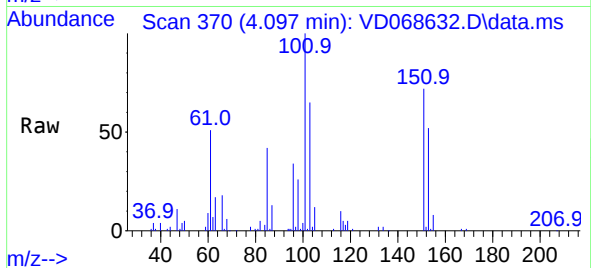
#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.64 ug/l
RT: 4.097 min Scan# 370
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:101 Resp: 138985
Ion Ratio Lower Upper
101 100
85 43.2 34.0 51.0
151 73.7 64.1 96.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

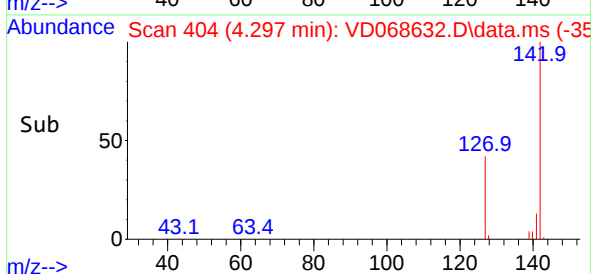
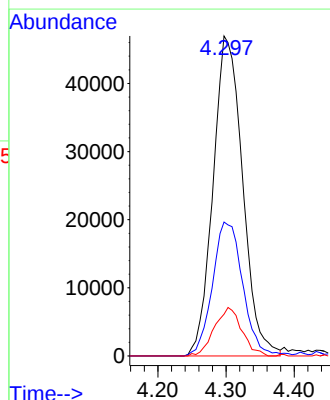
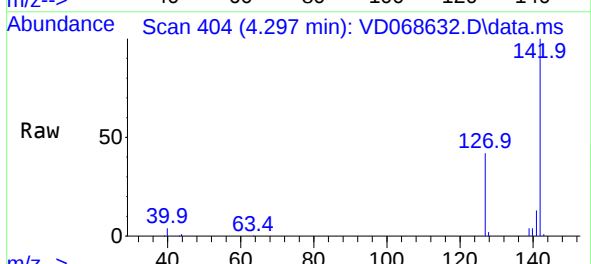
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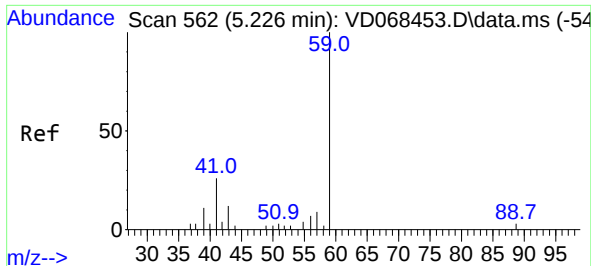
MMDadoda
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#10
Methyl Iodide
Concen: 45.12 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

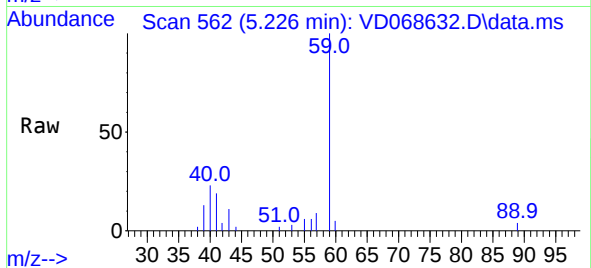
Tgt Ion:142 Resp: 141604
Ion Ratio Lower Upper
142 100
127 43.0 37.9 56.9
141 14.1 11.5 17.3





#11
Tert butyl alcohol
Concen: 244.87 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

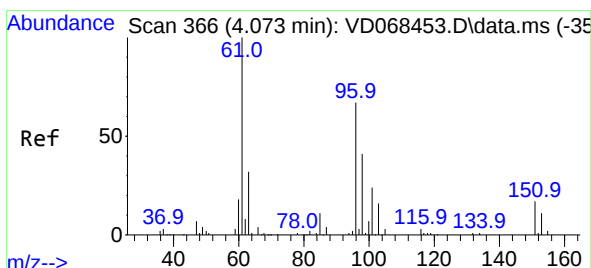
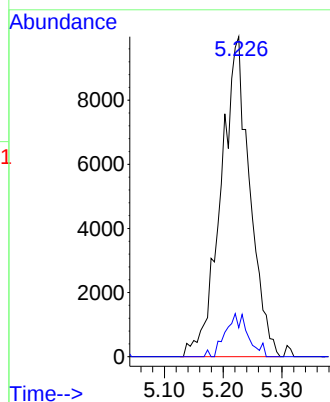
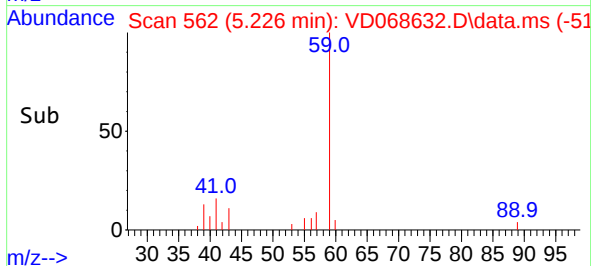
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



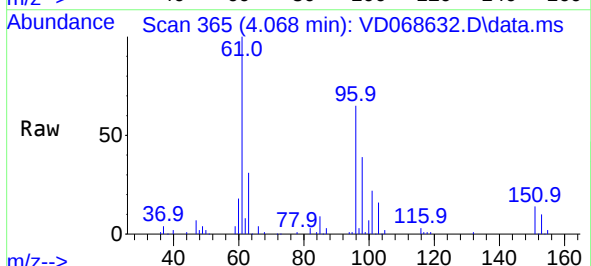
Tgt Ion: 59 Resp: 34077
Ion Ratio Lower Upper
59 100
57 10.3 7.4 11.2

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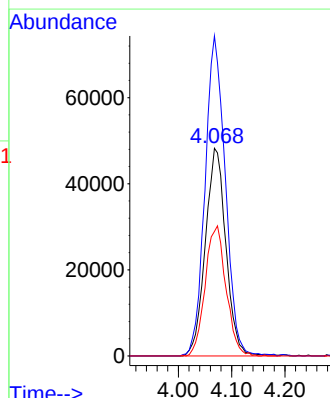
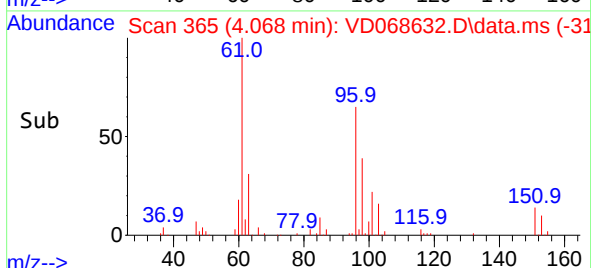
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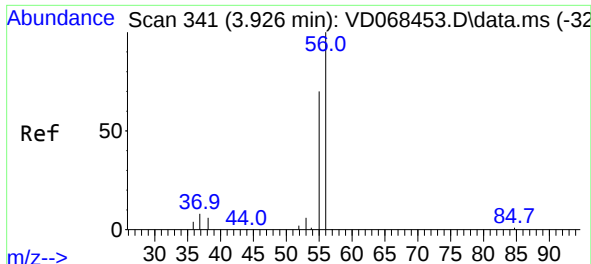


#12
1,1-Dichloroethene
Concen: 49.42 ug/l
RT: 4.068 min Scan# 365
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



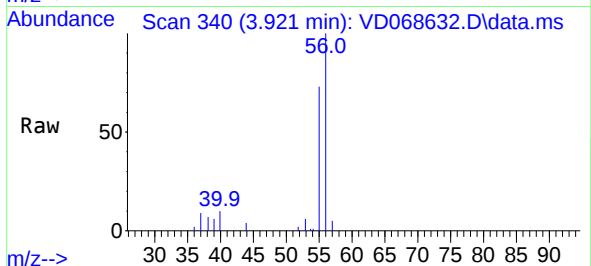
Tgt Ion: 96 Resp: 129488
Ion Ratio Lower Upper
96 100
61 154.1 116.2 174.4
98 60.0 48.6 73.0





#13
Acrolein
Concen: 223.89 ug/l
RT: 3.921 min Scan# 340
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

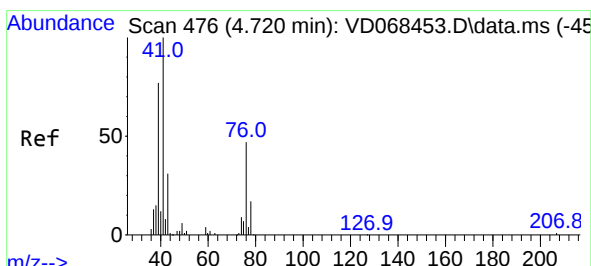
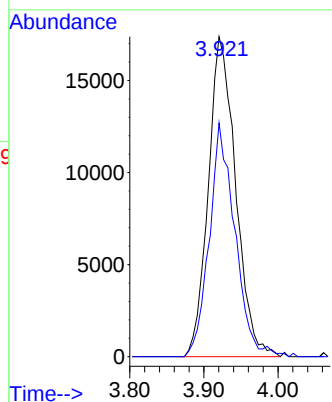
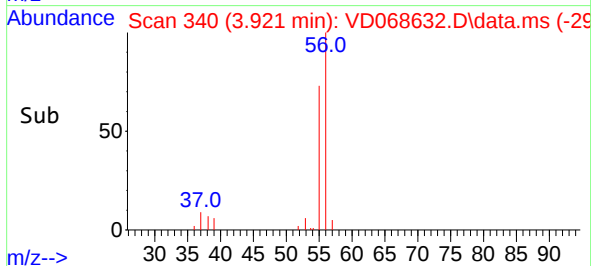
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



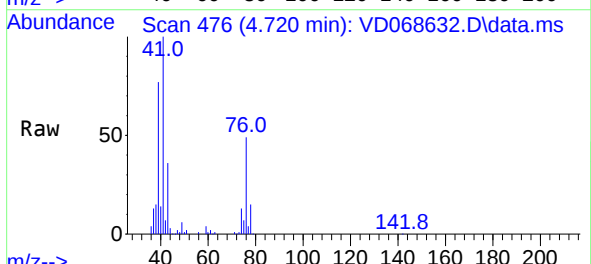
Tgt Ion: 56 Resp: 44531
Ion Ratio Lower Upper
56 100
55 68.3 56.5 84.7

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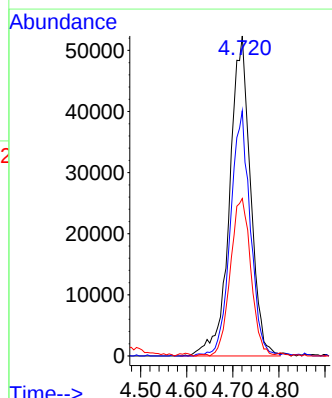
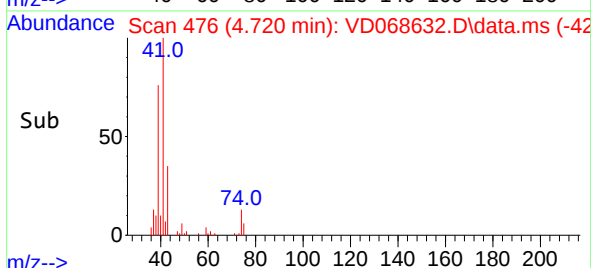
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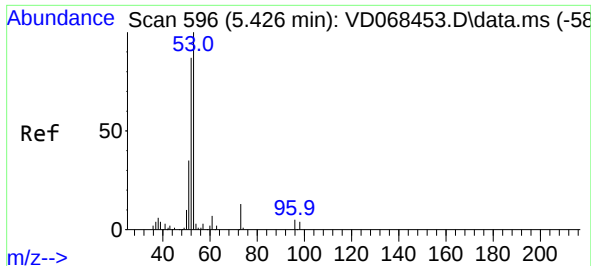


#14
Allyl chloride
Concen: 48.67 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



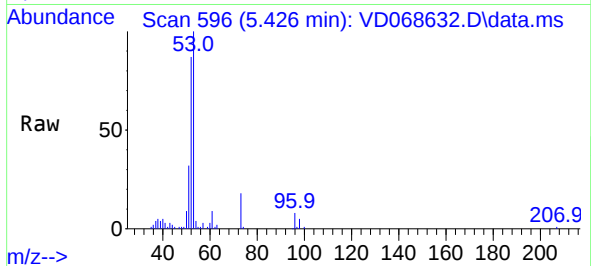
Tgt Ion: 41 Resp: 164625
Ion Ratio Lower Upper
41 100
39 72.8 56.3 84.5
76 48.2 38.9 58.3





#15
Acrylonitrile
Concen: 252.78 ug/l
RT: 5.426 min Scan# 596
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

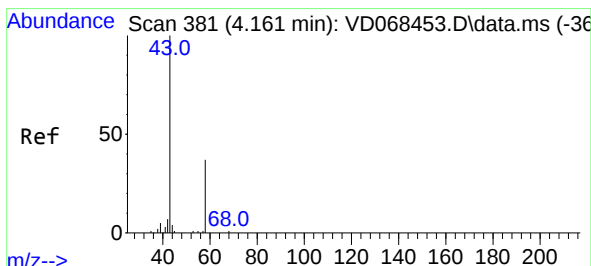
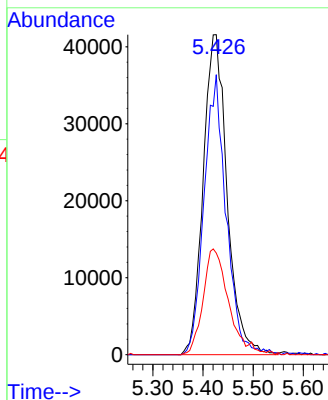
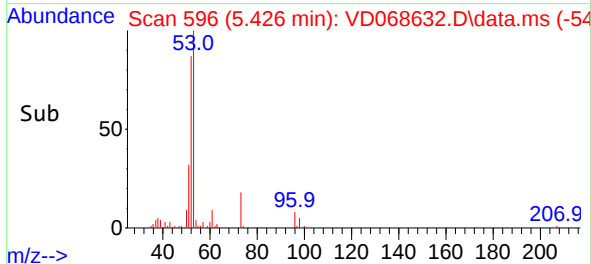
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



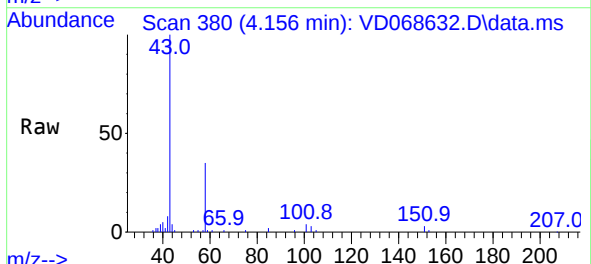
Tgt Ion: 53 Resp: 137658
Ion Ratio Lower Upper
53 100
52 80.3 66.2 99.2
51 35.5 29.0 43.4

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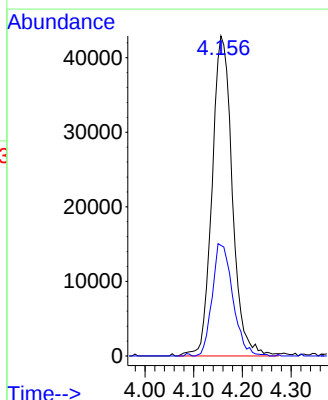
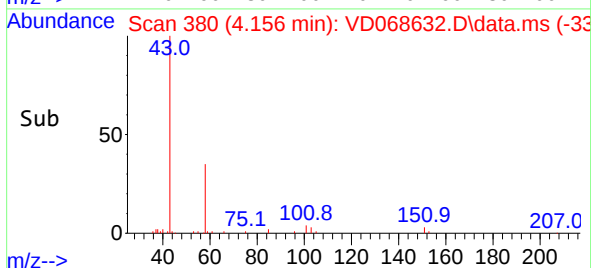
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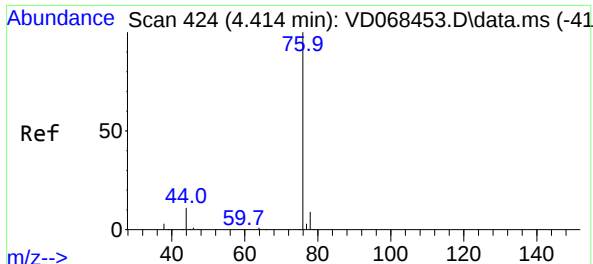


#16
Acetone
Concen: 299.21 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion: 43 Resp: 123877
Ion Ratio Lower Upper
43 100
58 34.5 24.2 36.4





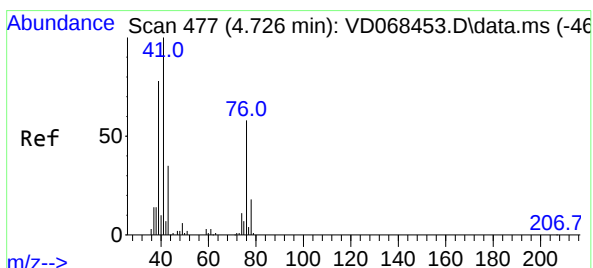
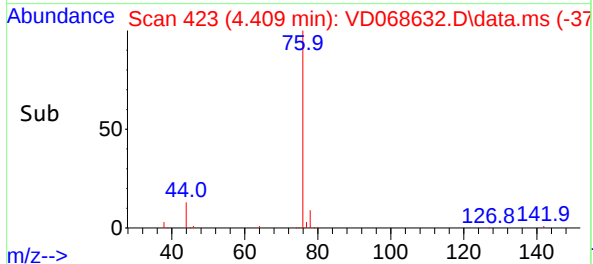
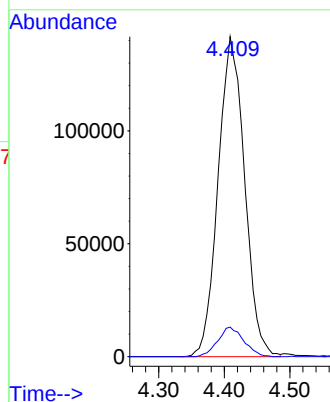
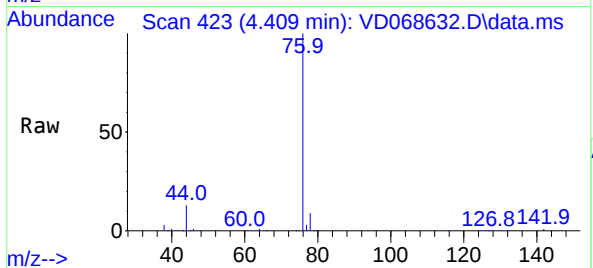
#17
Carbon Disulfide
Concen: 46.25 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 76 Resp: 396975
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

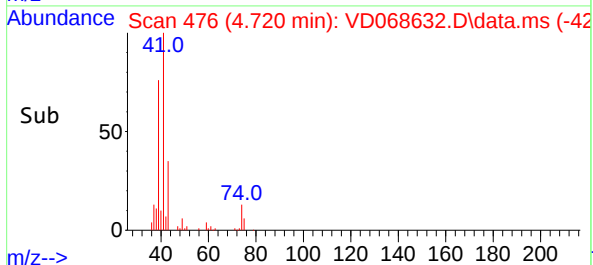
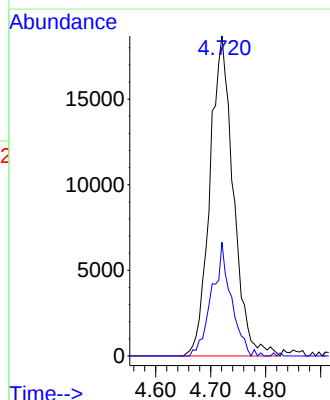
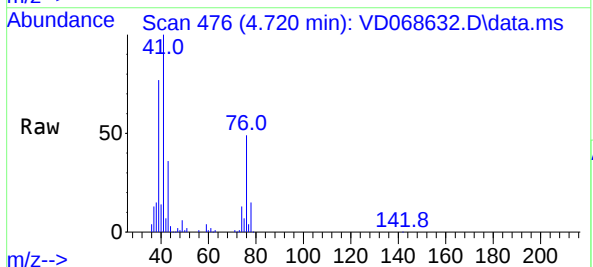
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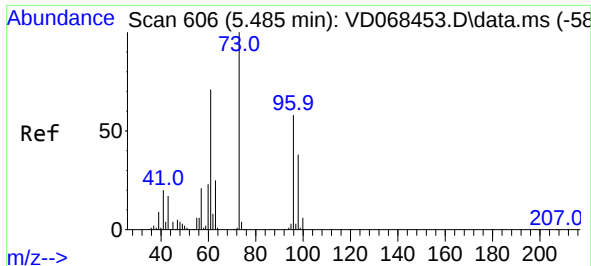
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#18
Methyl Acetate
Concen: 51.93 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

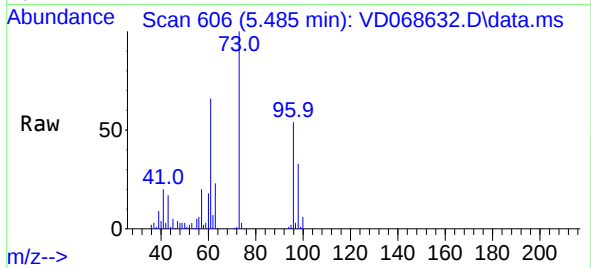
Tgt Ion: 43 Resp: 55412
Ion Ratio Lower Upper
43 100
74 29.0 25.4 38.0



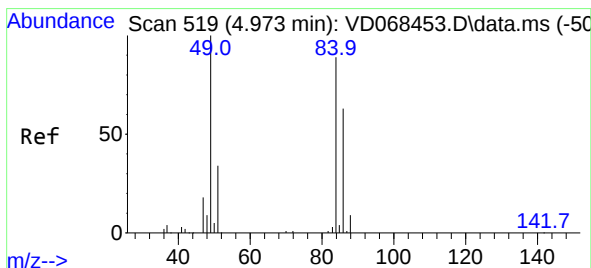
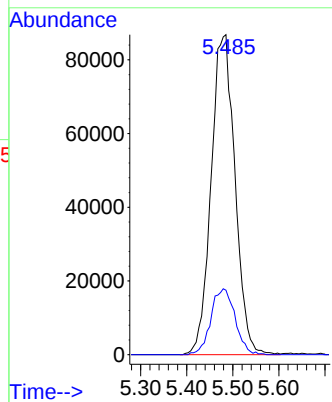
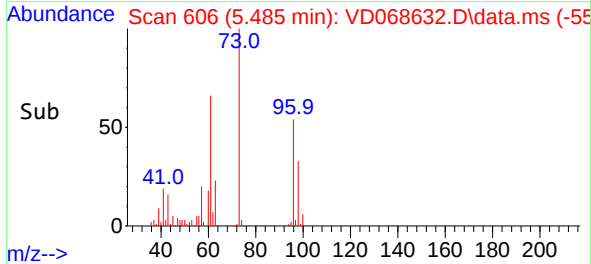


#19
Methyl tert-butyl Ether
Concen: 54.97 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

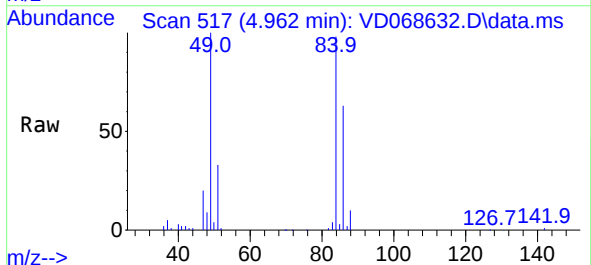
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



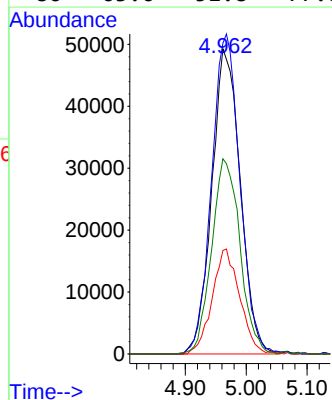
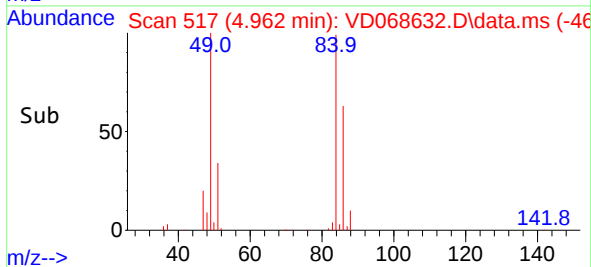
Tgt Ion: 73 Resp: 312219
Ion Ratio Lower Upper
73 100
57 20.2 14.4 21.6

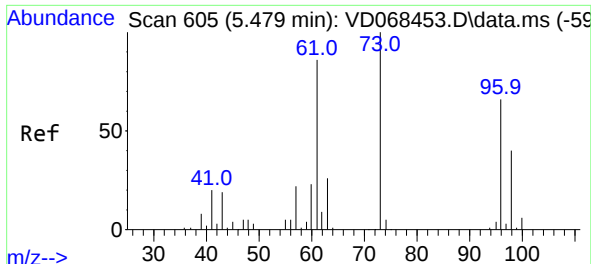


#20
Methylene Chloride
Concen: 51.85 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

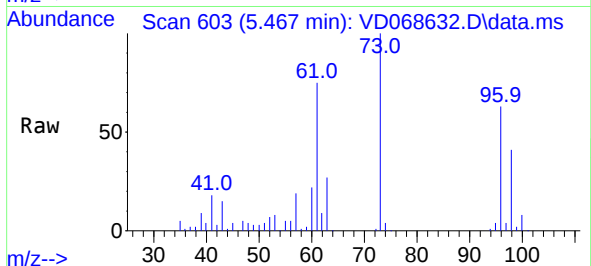


Tgt Ion: 84 Resp: 160053
Ion Ratio Lower Upper
84 100
49 101.8 77.4 116.2
51 33.9 26.1 39.1
86 63.6 51.8 77.8

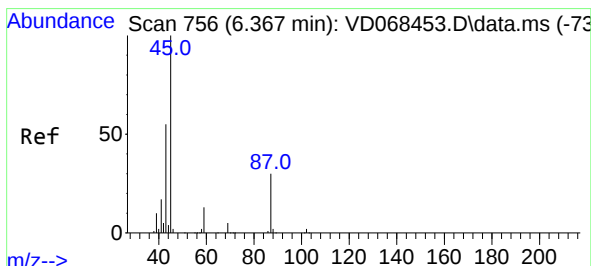
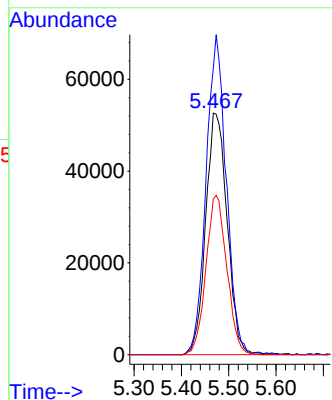
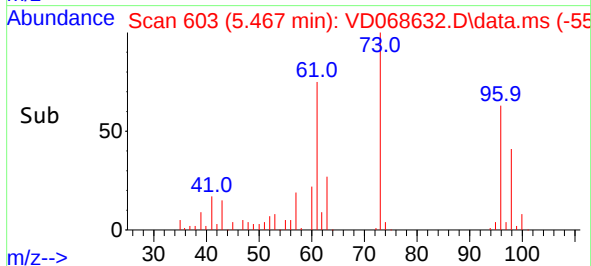




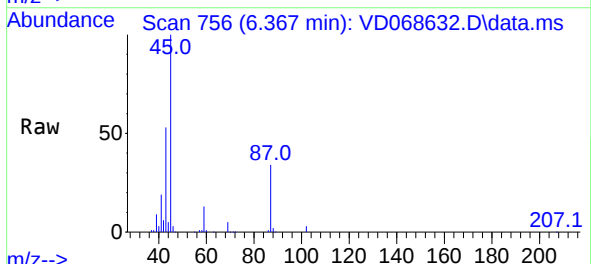
#21
trans-1,2-Dichloroethene
Concen: 53.05 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.011 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



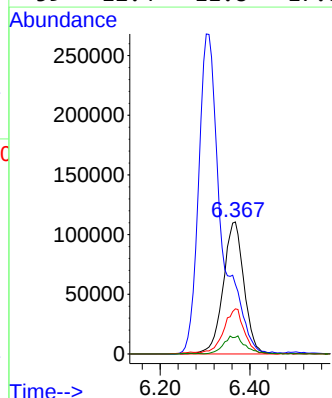
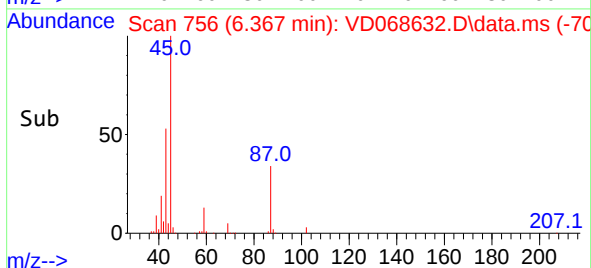
Tgt Ion: 96 Resp: 165947
Ion Ratio Lower Upper
96 100
61 118.6 96.7 145.1
98 64.4 47.6 71.4



#22
Diisopropyl ether
Concen: 47.81 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



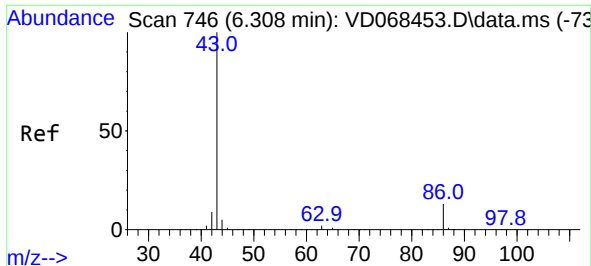
Tgt Ion: 45 Resp: 356175
Ion Ratio Lower Upper
45 100
43 52.0 43.9 65.9
87 33.7 29.9 44.9
59 12.4 11.8 17.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

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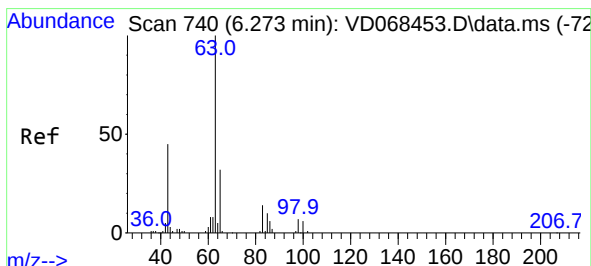
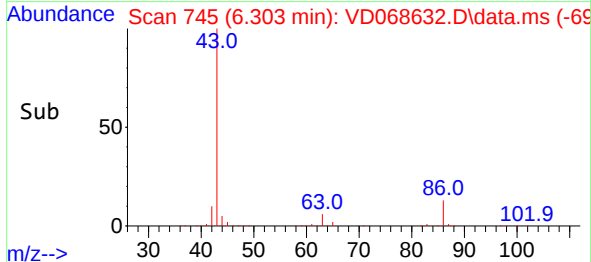
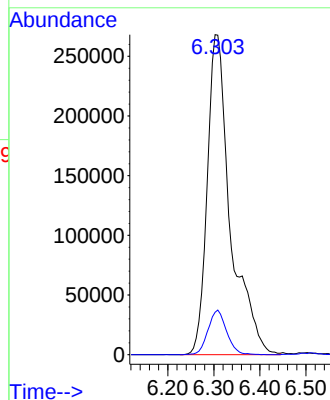
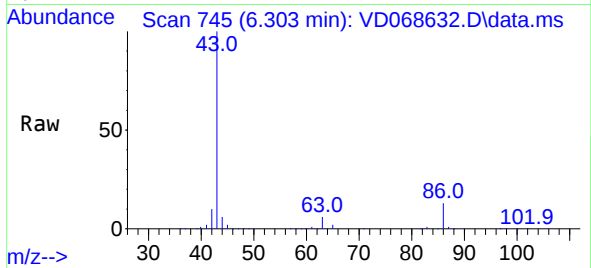
#23
 Vinyl Acetate
 Concen: 243.35 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.005 min
 Lab File: VD068632.D
 Acq: 17 Mar 2021 12:10

Tgt Ion: 43 Resp: 940516
 Ion Ratio Lower Upper
 43 100
 86 13.3 10.8 16.2

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

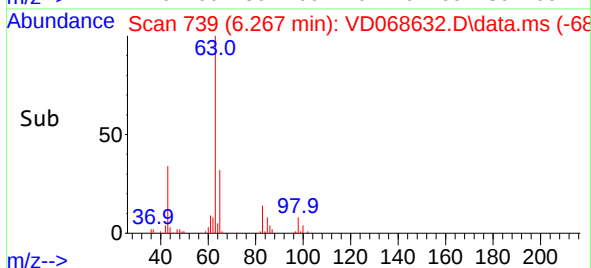
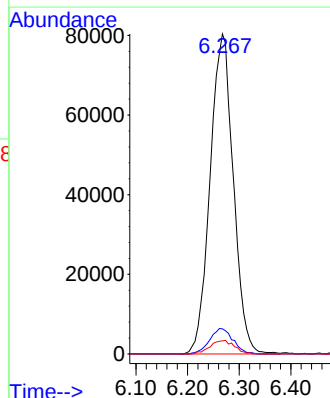
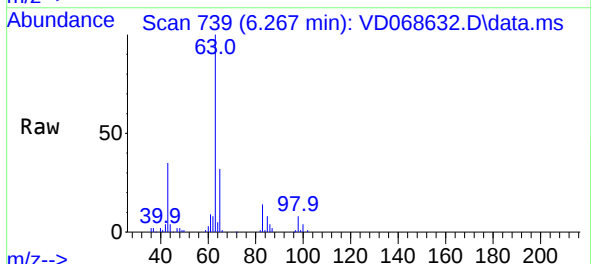
Manual Integrations
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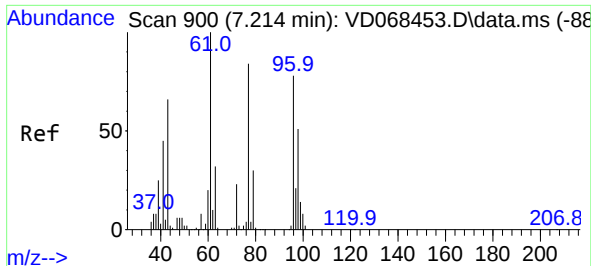
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#24
 1,1-Dichloroethane
 Concen: 49.12 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. -0.005 min
 Lab File: VD068632.D
 Acq: 17 Mar 2021 12:10

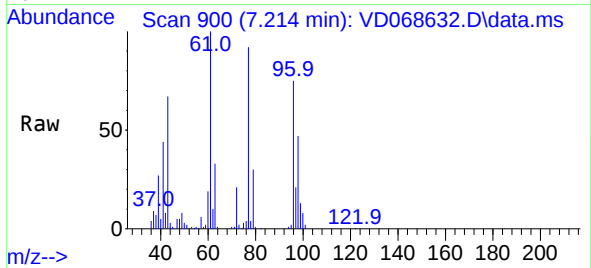
Tgt Ion: 63 Resp: 250791
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.8 11.4
 100 4.1 2.6 8.0





#25
2-Butanone
Concen: 246.29 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

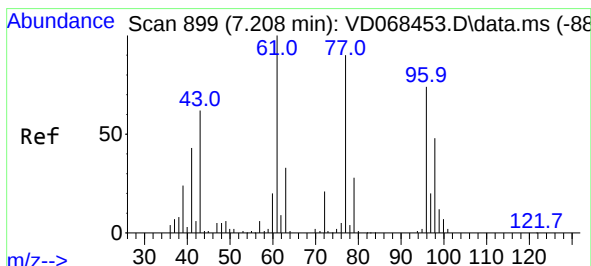
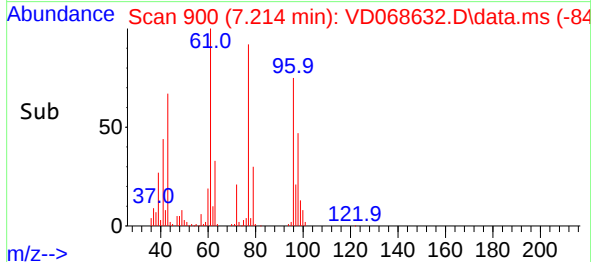
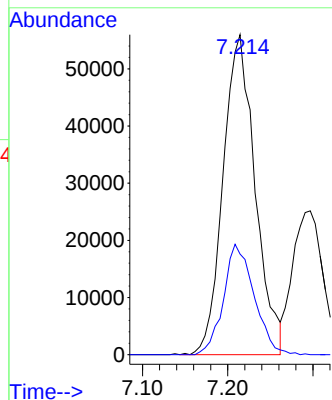
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 146580
Ion Ratio Lower Upper
43 100
72 31.5 25.1 37.7

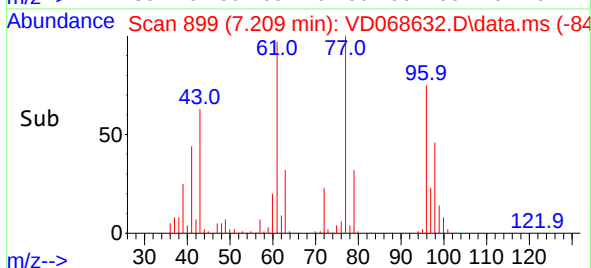
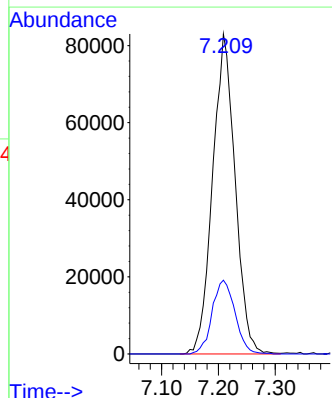
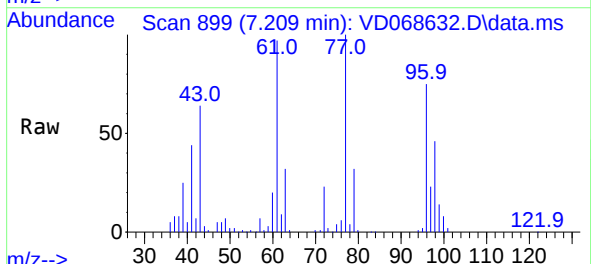
Manual Integrations
APPROVED

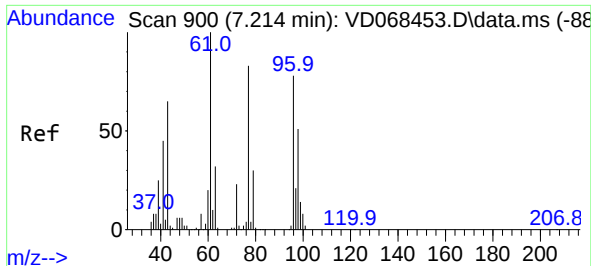
MMDadoda
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#26
2,2-Dichloropropane
Concen: 53.70 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

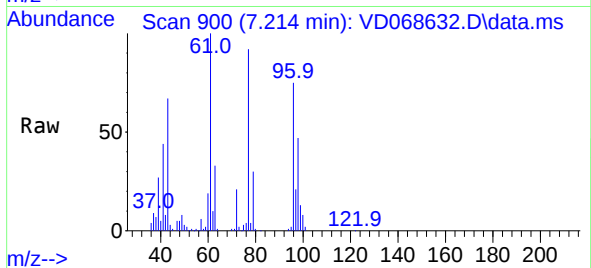
Tgt Ion: 77 Resp: 228422
Ion Ratio Lower Upper
77 100
97 23.5 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 48.92 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

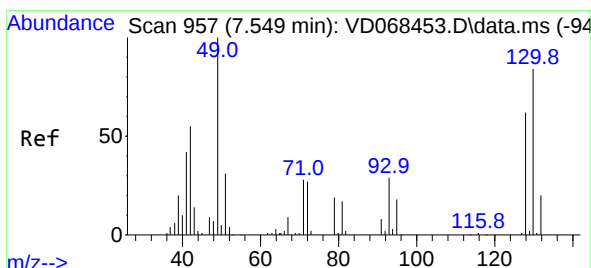
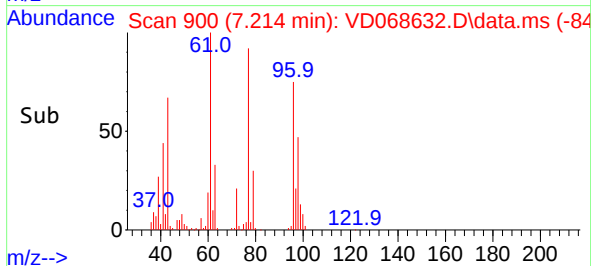
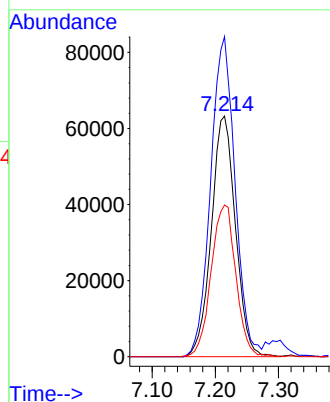
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 168007
Ion Ratio Lower Upper
96 100
61 134.4 0.0 257.4
98 64.7 0.0 126.6

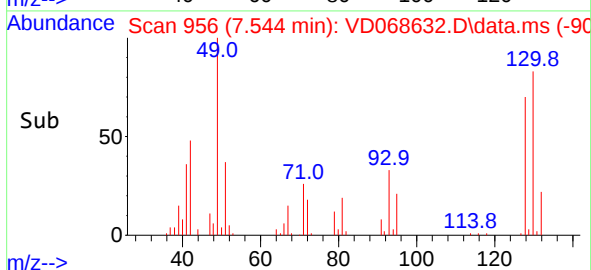
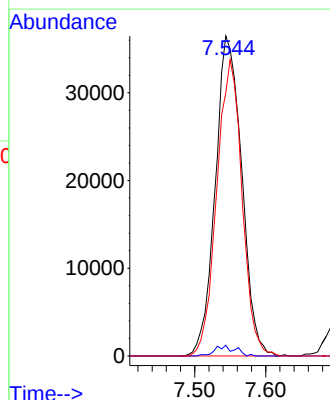
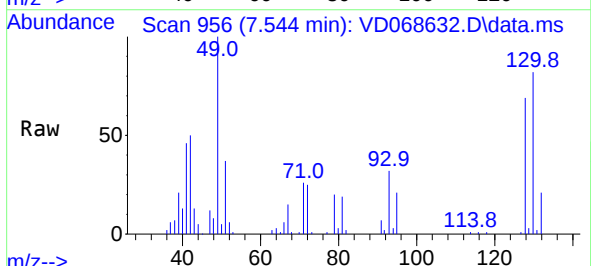
Manual Integrations
APPROVED

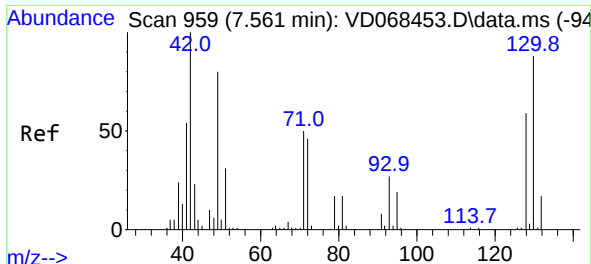
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#28
Bromochloromethane
Concen: 47.31 ug/l
RT: 7.544 min Scan# 956
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 49 Resp: 94293
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.8
130 88.3 85.5 128.3





#29

Tetrahydrofuran

Concen: 232.81 ug/l

RT: 7.561 min Scan# 959

Delta R.T. 0.000 min

Lab File: VD068632.D

Acq: 17 Mar 2021 12:10

Tgt Ion: 42 Resp: 89969

Ion Ratio Lower Upper

42 100

72 52.8 43.4 65.0

71 50.9 40.8 61.2

Instrument :

MSVOA_D

ClientSampleId :

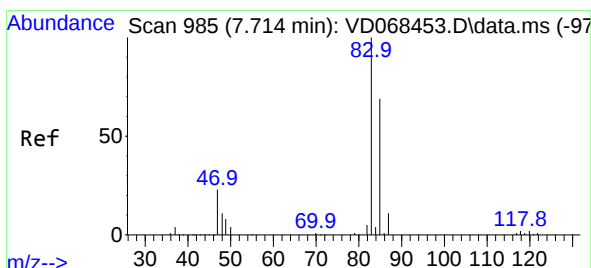
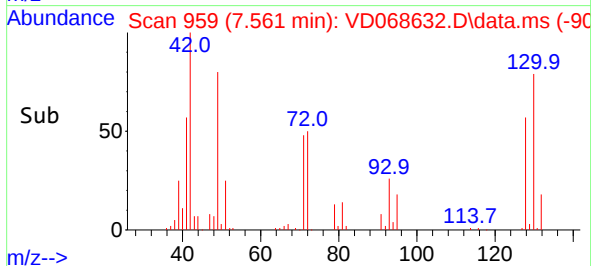
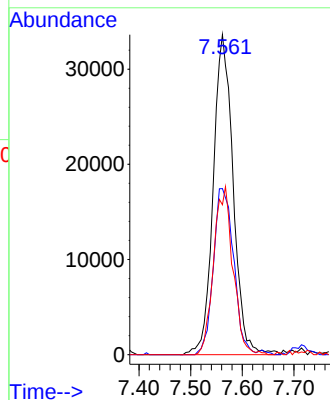
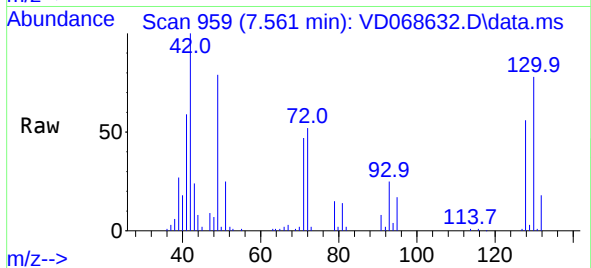
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Manual Integrations

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#30

Chloroform

Concen: 48.89 ug/l

RT: 7.709 min Scan# 984

Delta R.T. -0.005 min

Lab File: VD068632.D

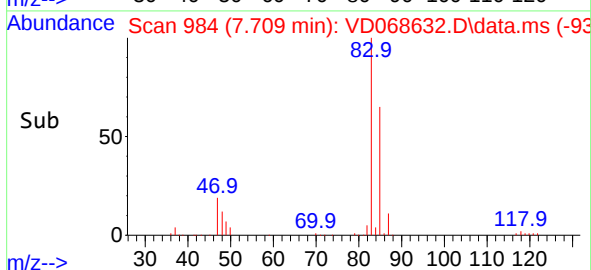
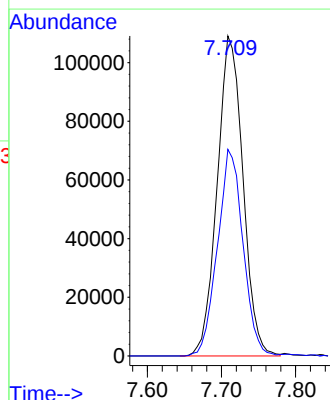
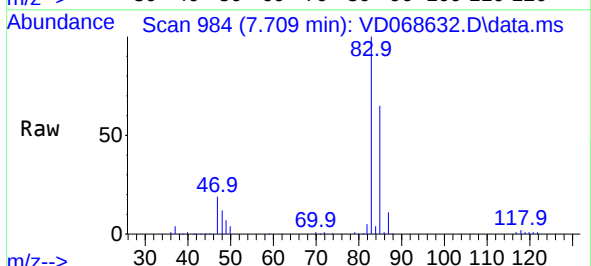
Acq: 17 Mar 2021 12:10

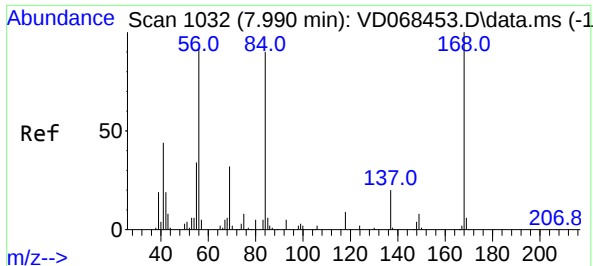
Tgt Ion: 83 Resp: 263607

Ion Ratio Lower Upper

83 100

85 64.5 53.4 80.0





#31

Cyclohexane

Concen: 46.10 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VD068632.D

Acq: 17 Mar 2021 12:10

Tgt Ion: 56 Resp: 218537

Ion Ratio Lower Upper

56 100

69 35.5 30.1 45.1

84 91.5 82.1 123.1

Instrument :

MSVOA_D

ClientSampleId :

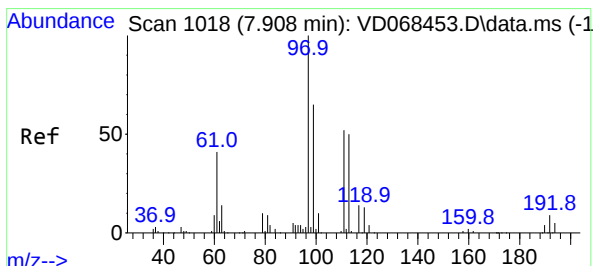
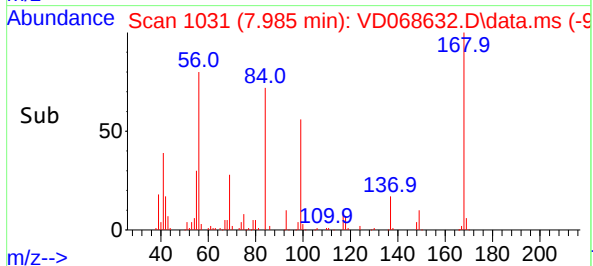
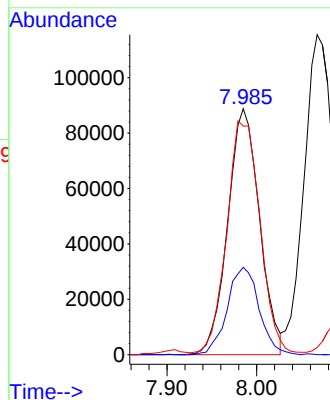
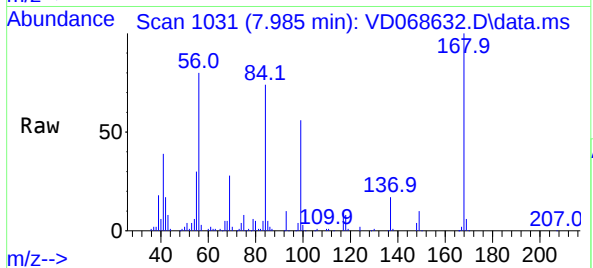
VSTDCCC050

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 52.46 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.005 min

Lab File: VD068632.D

Acq: 17 Mar 2021 12:10

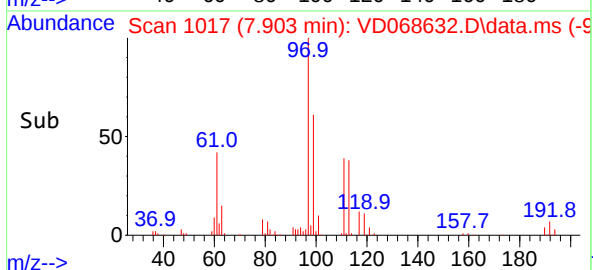
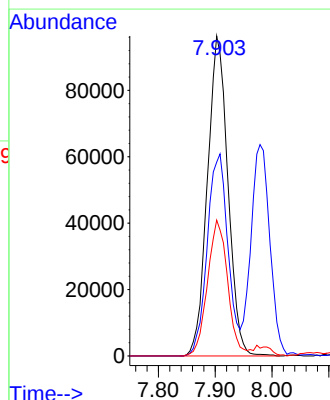
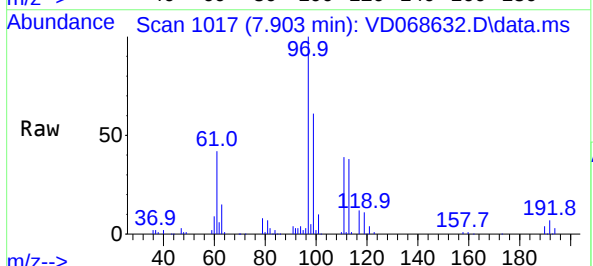
Tgt Ion: 97 Resp: 241459

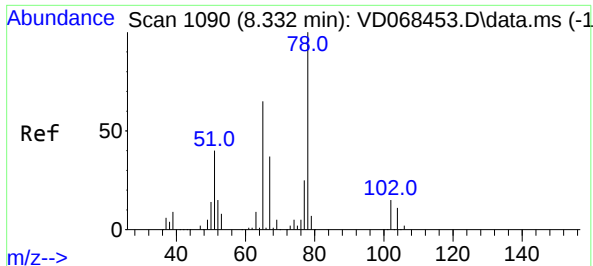
Ion Ratio Lower Upper

97 100

99 63.9 52.1 78.1

61 41.6 30.1 45.1





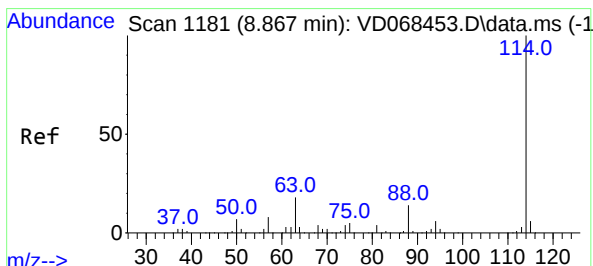
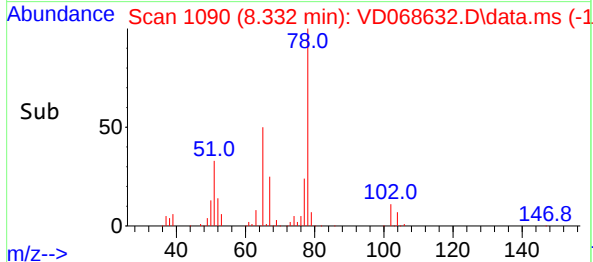
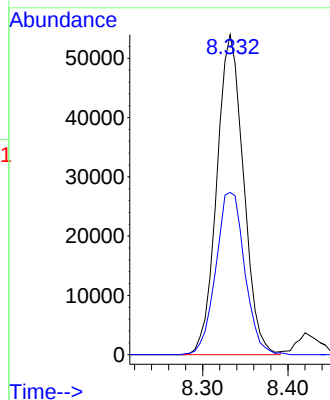
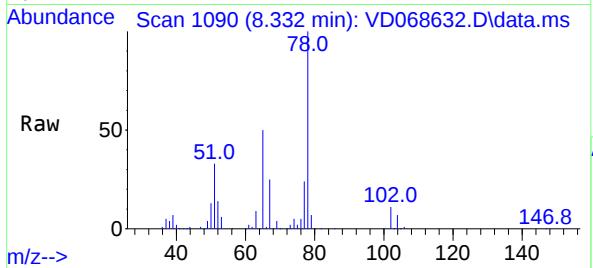
#33
1,2-Dichloroethane-d4
Concen: 45.15 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 65 Resp: 117691
Ion Ratio Lower Upper
65 100
67 54.8 0.0 105.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

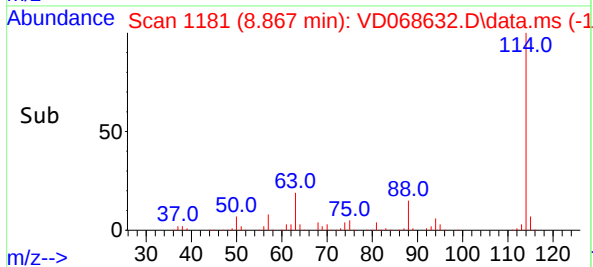
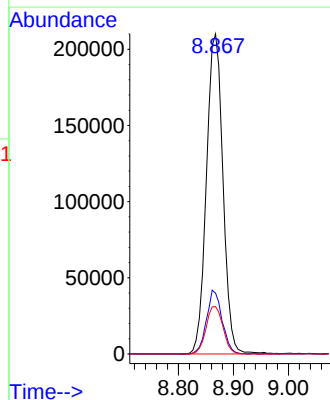
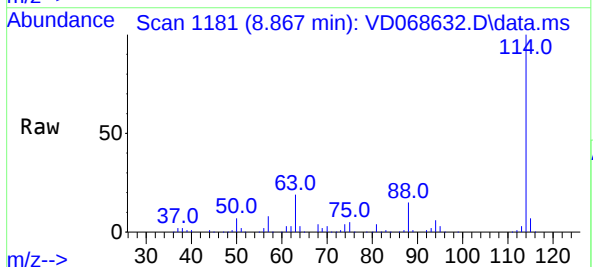
Manual Integrations
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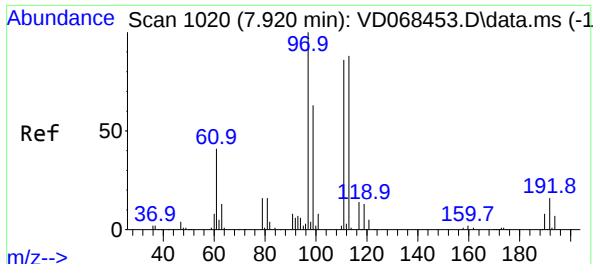
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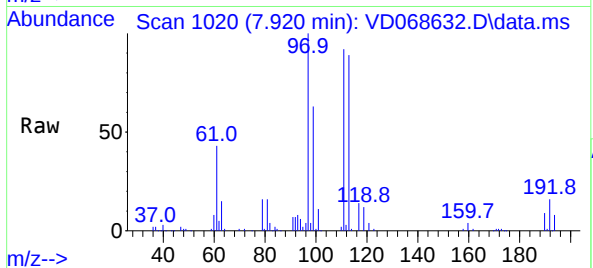
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 114 Resp: 438965
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 14.8 0.0 31.6

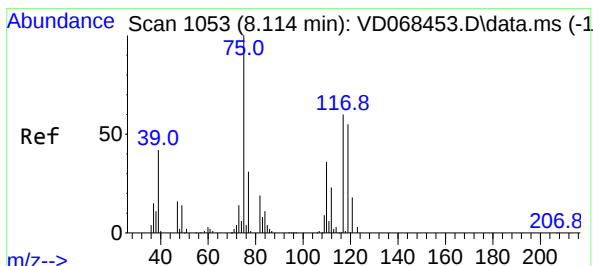
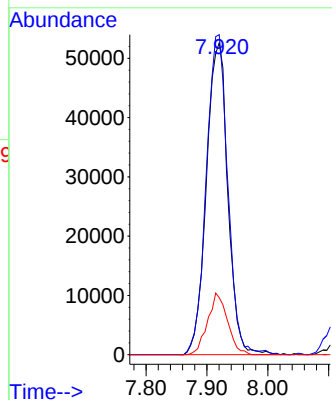
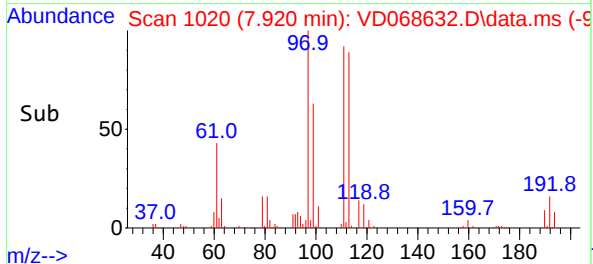




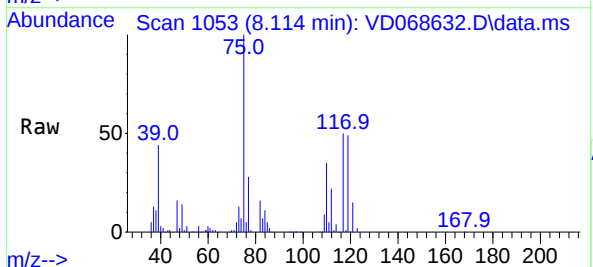
#35
Dibromofluoromethane
Concen: 48.67 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



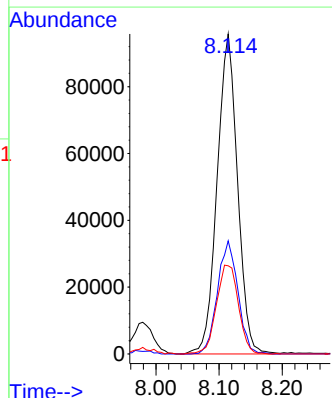
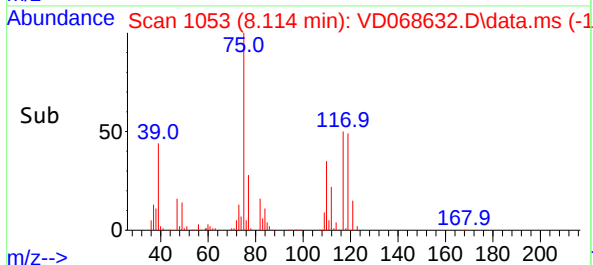
Tgt Ion:113 Resp: 128704
Ion Ratio Lower Upper
113 100
111 103.1 81.4 122.0
192 18.3 16.1 24.1



#36
1,1-Dichloropropene
Concen: 51.54 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



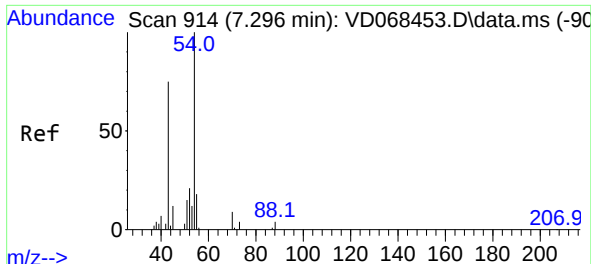
Tgt Ion: 75 Resp: 215047
Ion Ratio Lower Upper
75 100
110 35.3 19.4 58.2
77 30.0 25.3 37.9



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

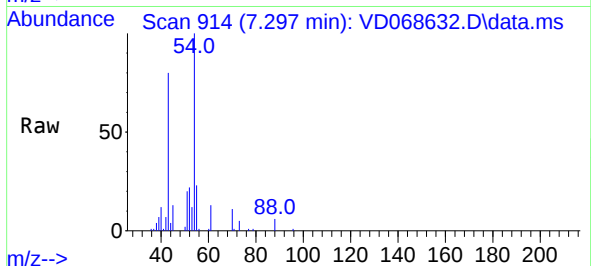
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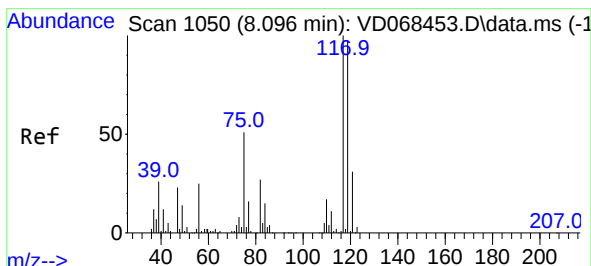
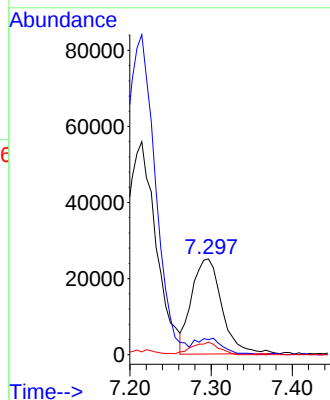
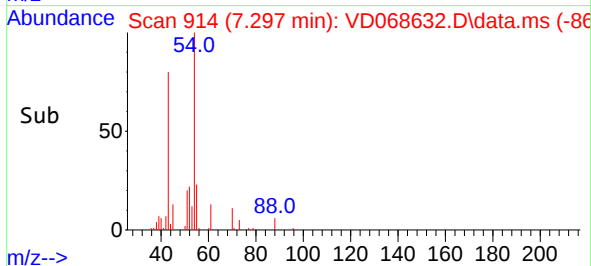


#37
Ethyl Acetate
Concen: 46.59 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

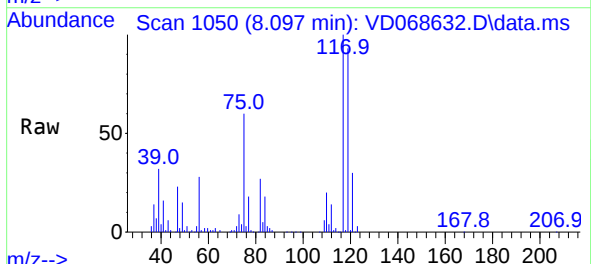
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



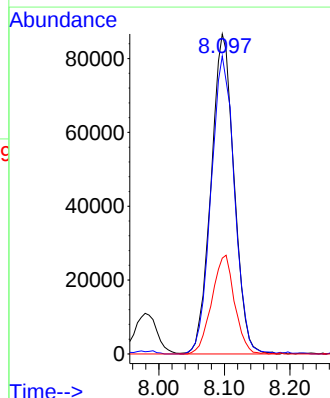
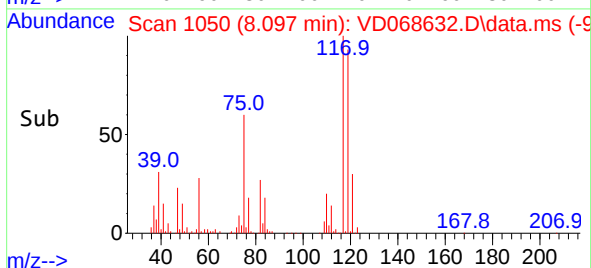
Tgt Ion: 43 Resp: 64499
Ion Ratio Lower Upper
43 100
61 15.7 12.9 19.3
70 11.8 11.0 16.6

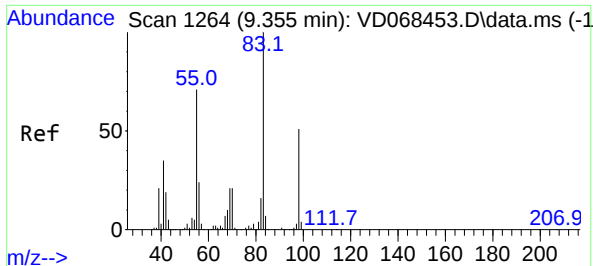


#38
Carbon Tetrachloride
Concen: 53.77 ug/l
RT: 8.097 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



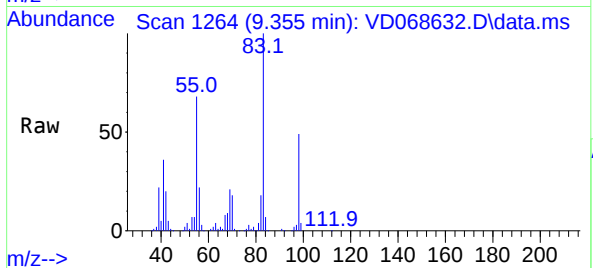
Tgt Ion: 117 Resp: 210802
Ion Ratio Lower Upper
117 100
119 93.1 77.3 115.9
121 29.9 24.7 37.1





#39
Methylcyclohexane
Concen: 50.85 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

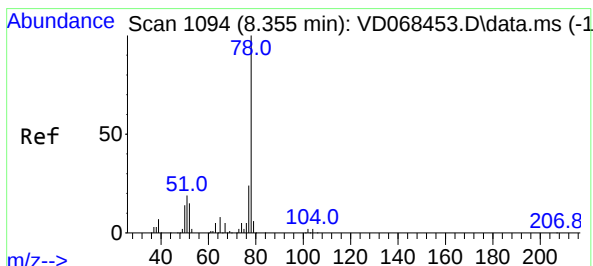
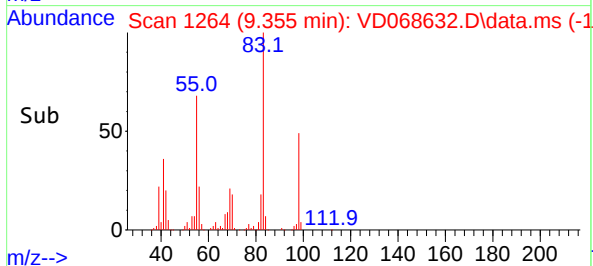
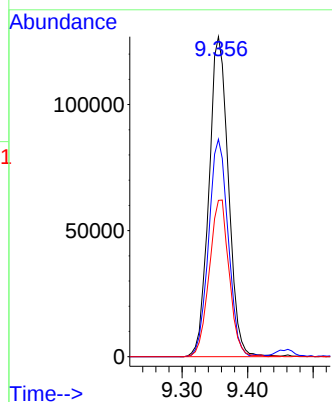
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 261684
Ion Ratio Lower Upper
83 100
55 67.9 55.2 82.8
98 48.8 39.1 58.7

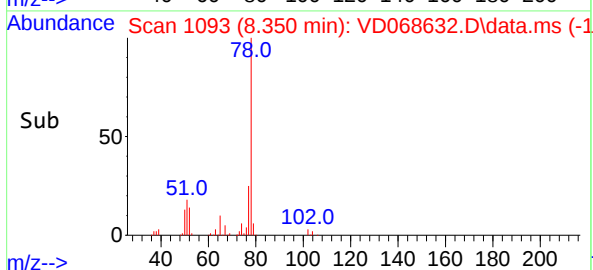
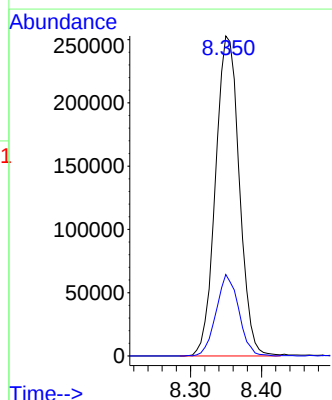
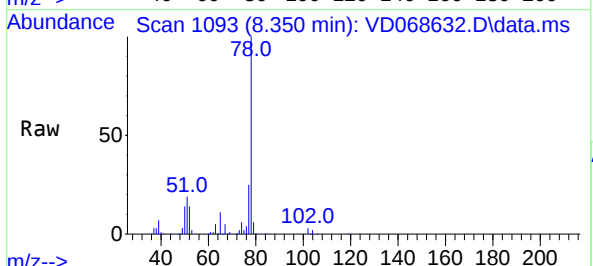
Manual Integrations
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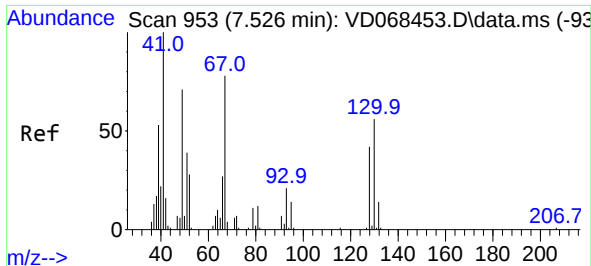
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#40
Benzene
Concen: 49.06 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

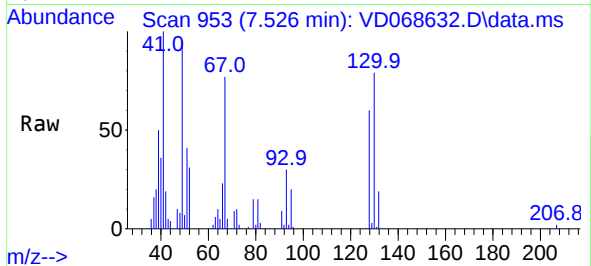
Tgt Ion: 78 Resp: 587235
Ion Ratio Lower Upper
78 100
77 25.4 17.8 26.6





#41
Methacrylonitrile
Concen: 46.58 ug/l m
RT: 7.526 min Scan# 953
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

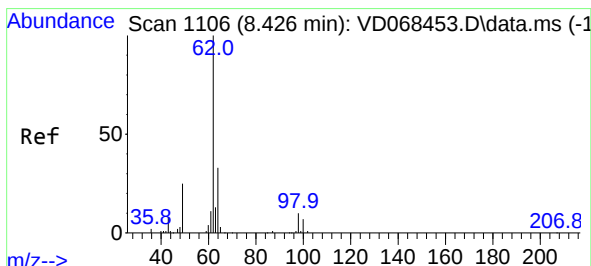
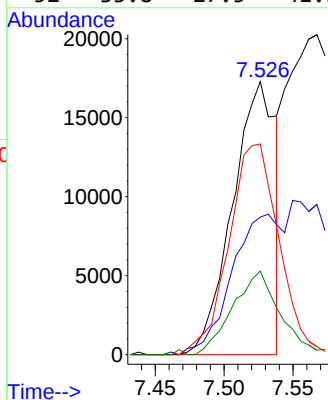
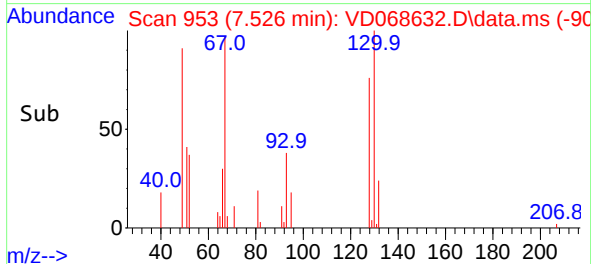
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



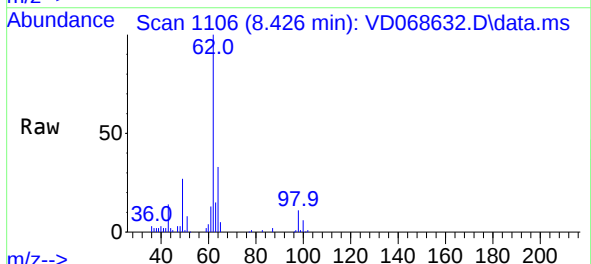
Tgt Ion: 41 Resp: 37435
Ion Ratio Lower Upper
41 100
39 61.8 45.2 67.8
67 90.6 67.4 101.2
52 33.8 27.5 41.3

Manual Integrations
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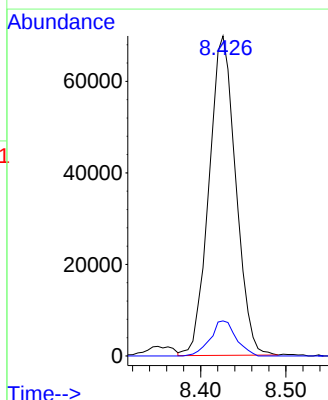
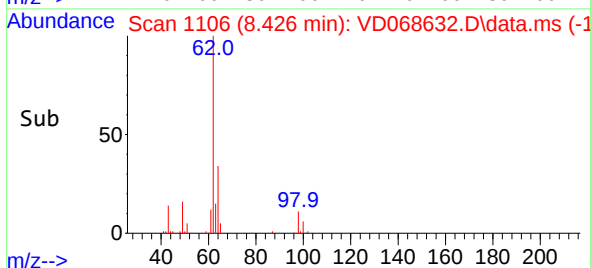
MMDadoda
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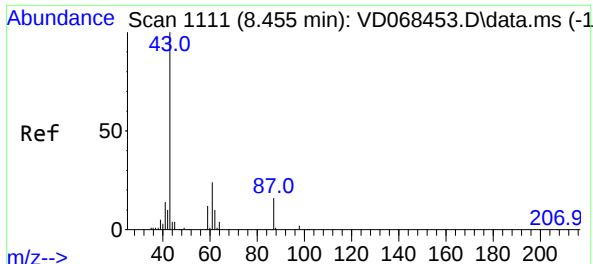


#42
1,2-Dichloroethane
Concen: 48.48 ug/l
RT: 8.426 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion: 62 Resp: 152591
Ion Ratio Lower Upper
62 100
98 10.6 0.0 21.8





#43

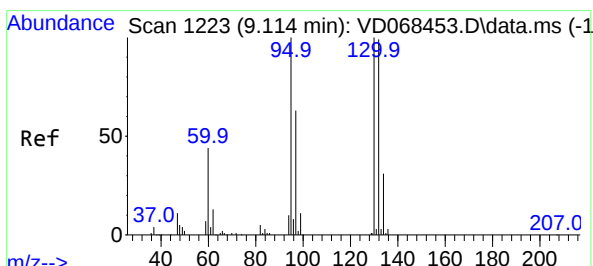
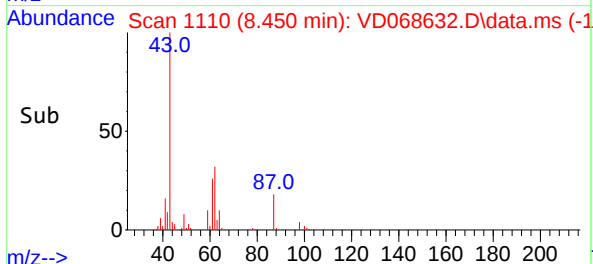
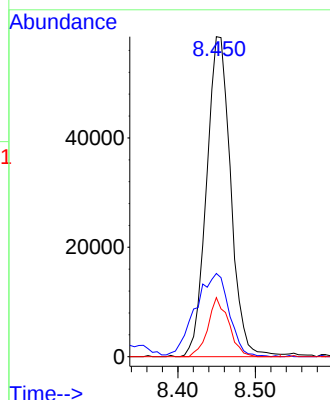
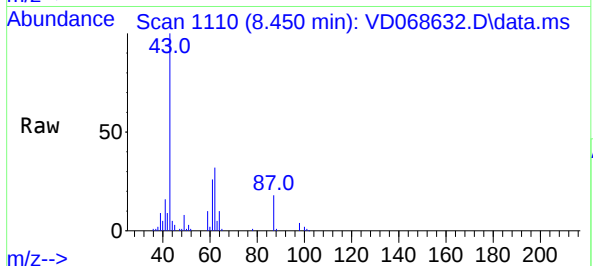
Isopropyl Acetate
Concen: 49.78 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 43 Resp: 126651
Ion Ratio Lower Upper
43 100
61 36.5 28.7 43.1
87 15.9 13.9 20.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
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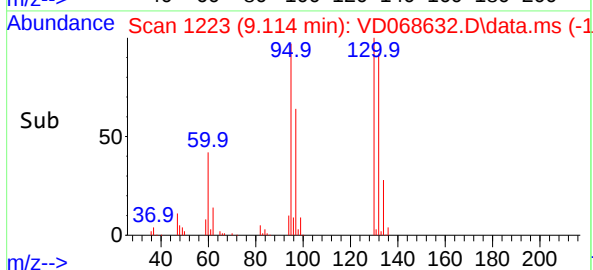
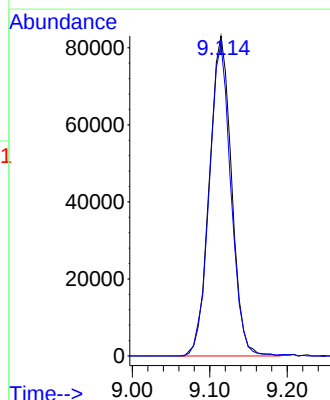
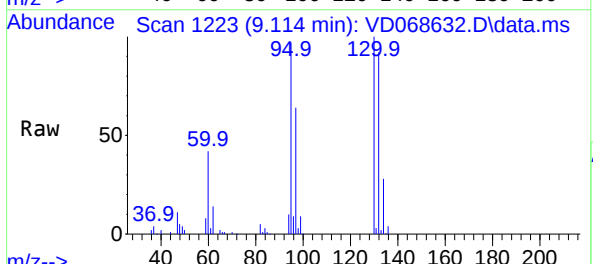
MMDadoda
3/18/2021 2:17:55 PM

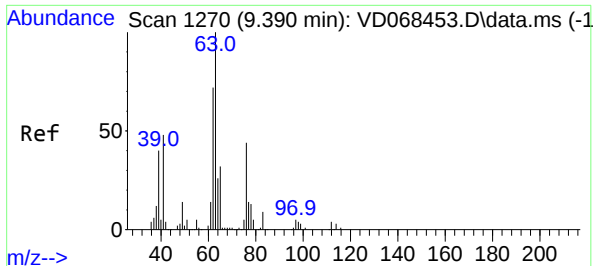


#44

Trichloroethene
Concen: 50.14 ug/l
RT: 9.114 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:130 Resp: 164739
Ion Ratio Lower Upper
130 100
95 97.5 0.0 191.2





#45

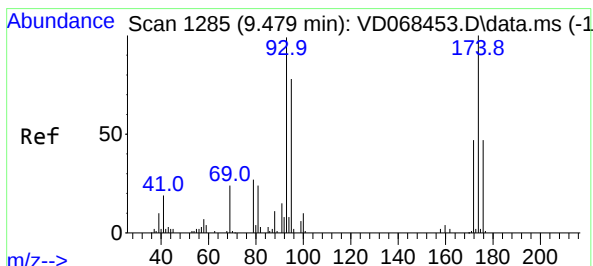
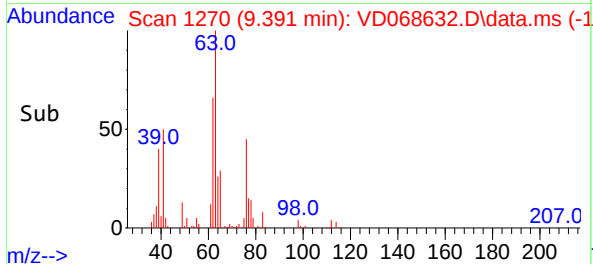
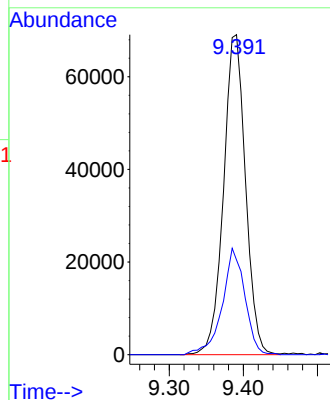
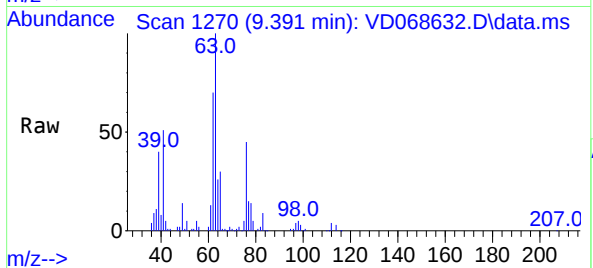
1,2-Dichloropropane
Concen: 49.72 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 63 Resp: 142259
Ion Ratio Lower Upper
63 100
65 29.6 26.6 40.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

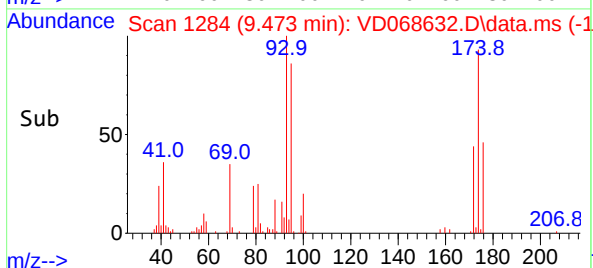
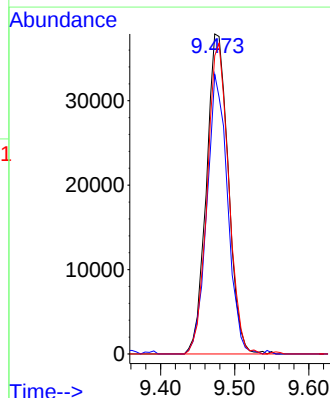
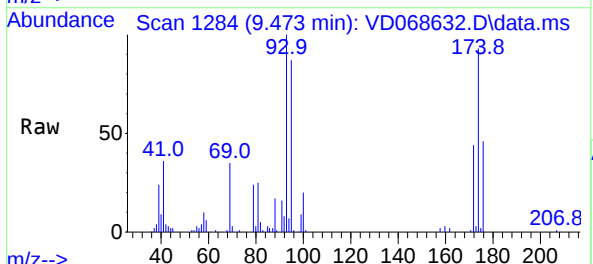
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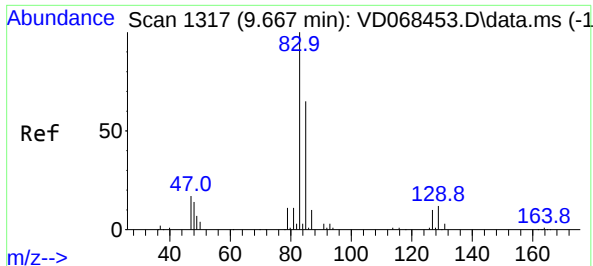


#46

Dibromomethane
Concen: 50.05 ug/l
RT: 9.473 min Scan# 1284
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

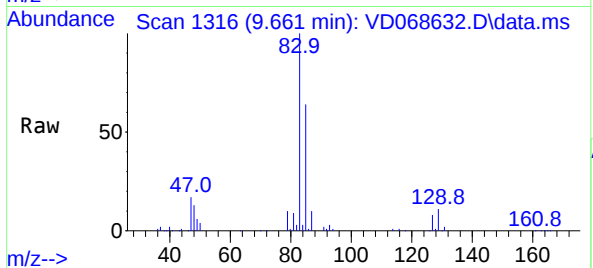
Tgt Ion: 93 Resp: 77900
Ion Ratio Lower Upper
93 100
95 82.5 67.3 100.9
174 94.7 84.6 127.0





#47
Bromodichloromethane
Concen: 50.28 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

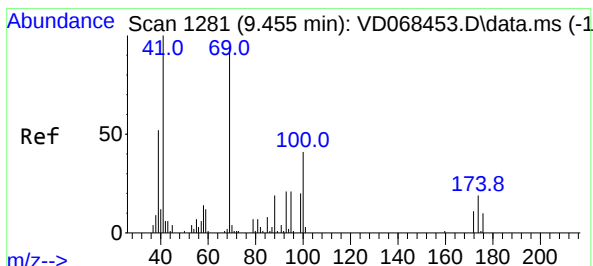
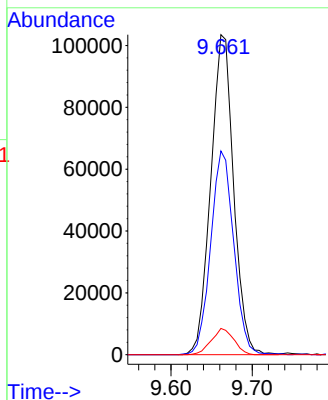
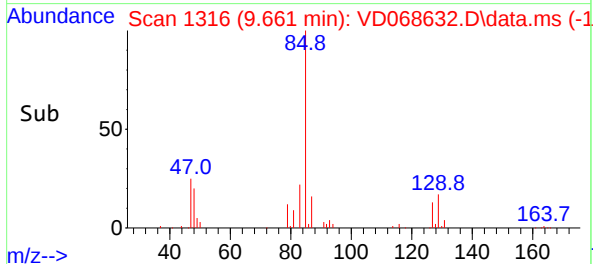
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



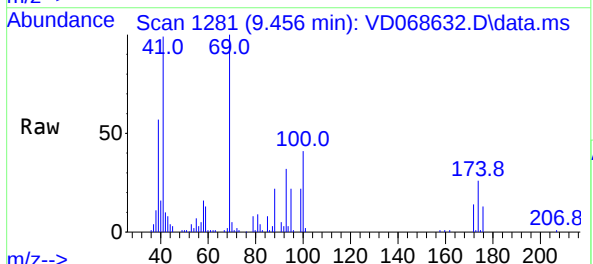
Tgt Ion: 83 Resp: 202439
Ion Ratio Lower Upper
83 100
85 63.6 51.6 77.4
127 8.2 7.4 11.0

Manual Integrations
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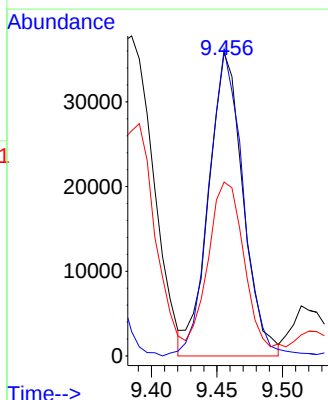
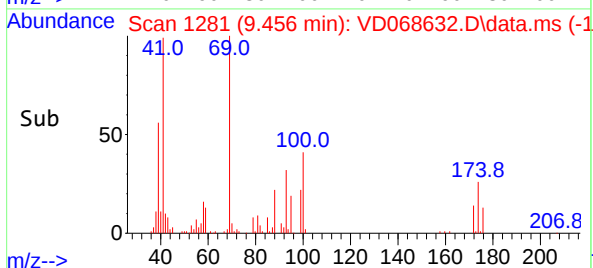
MMDadoda
3/18/2021 2:17:55 PM

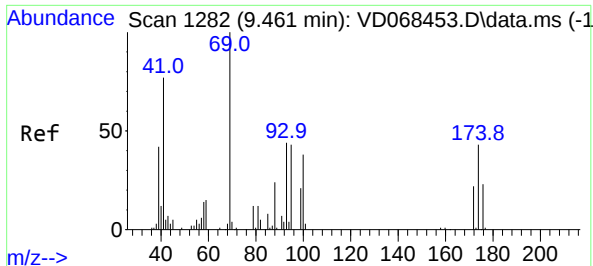


#48
Methyl methacrylate
Concen: 48.28 ug/l
RT: 9.456 min Scan# 1281
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion: 41 Resp: 65477
Ion Ratio Lower Upper
41 100
69 100.0 77.1 115.7
39 54.9 41.5 62.3





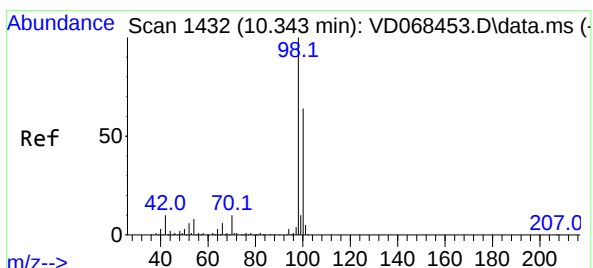
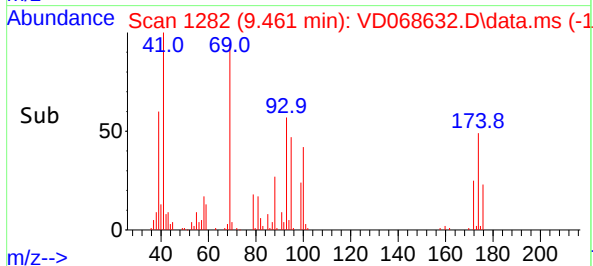
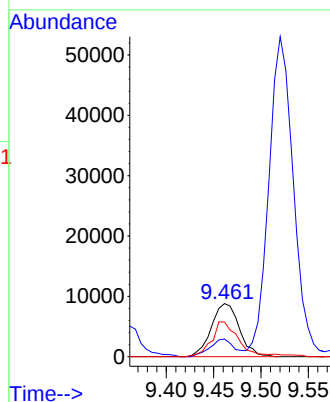
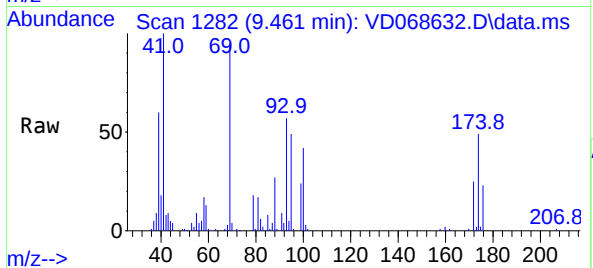
#49
1,4-Dioxane
Concen: 1018.65 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 88 Resp: 18083
Ion Ratio Lower Upper
88 100
43 30.2 22.1 33.1
58 65.0 46.7 70.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

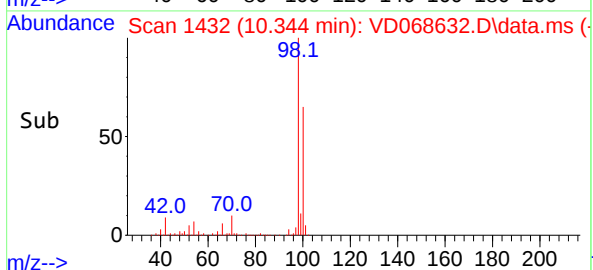
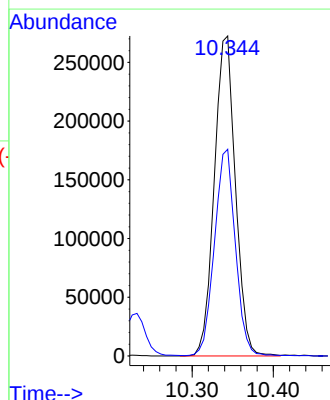
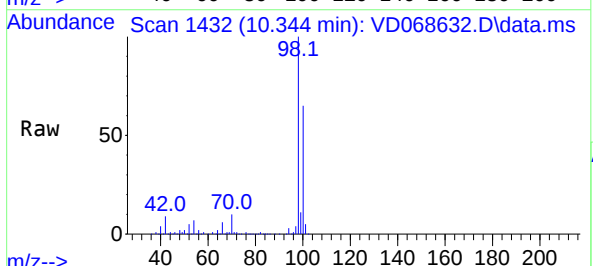
Manual Integrations
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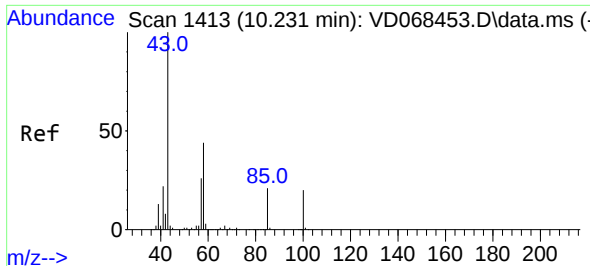
MMDadoda
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#50
Toluene-d8
Concen: 46.81 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 98 Resp: 492987
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4





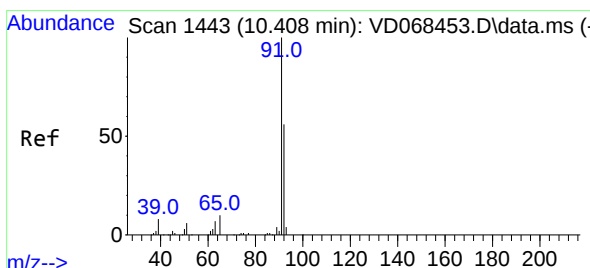
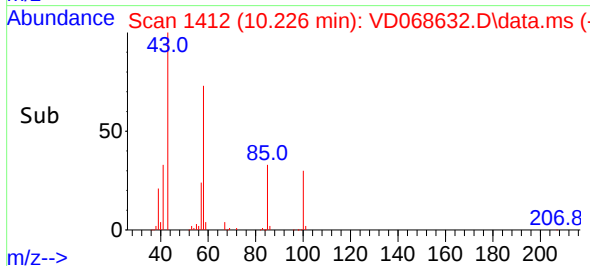
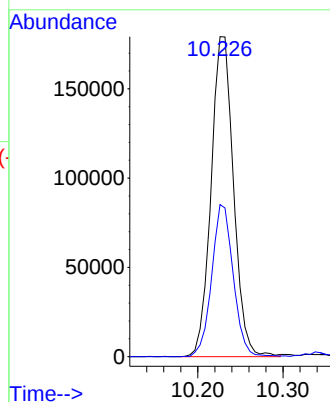
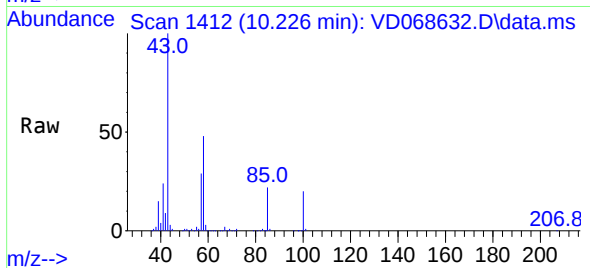
#51
4-Methyl-2-Pentanone
Concen: 246.59 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 43 Resp: 328325
Ion Ratio Lower Upper
43 100
58 45.7 36.1 54.1

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

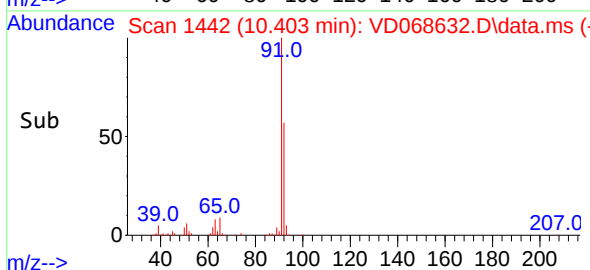
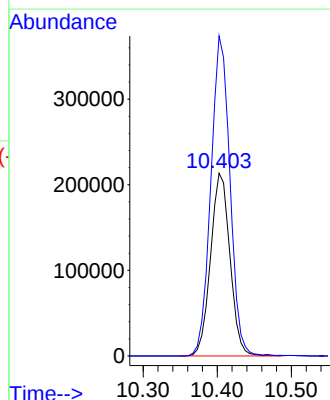
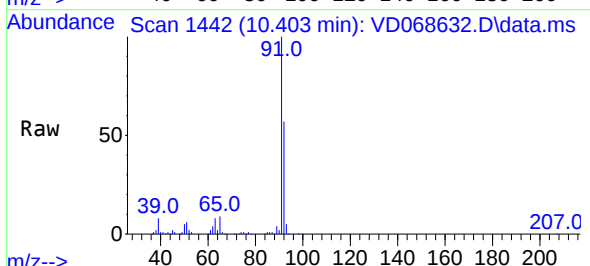
Manual Integrations
APPROVED

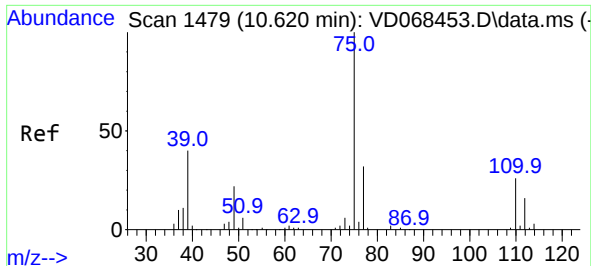
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#52
Toluene
Concen: 50.75 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 92 Resp: 387904
Ion Ratio Lower Upper
92 100
91 173.0 134.1 201.1





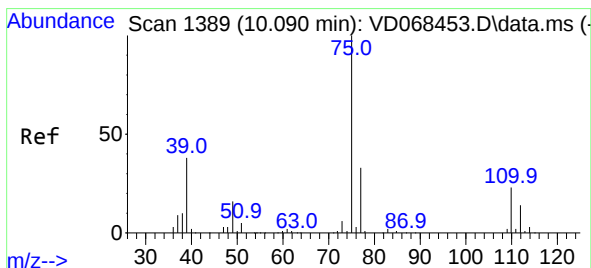
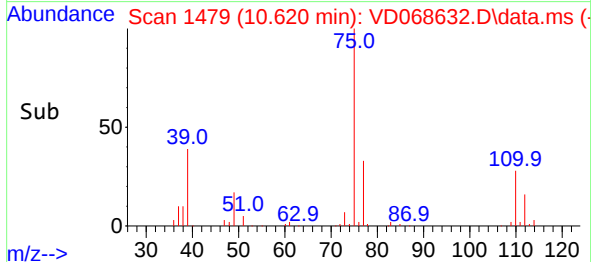
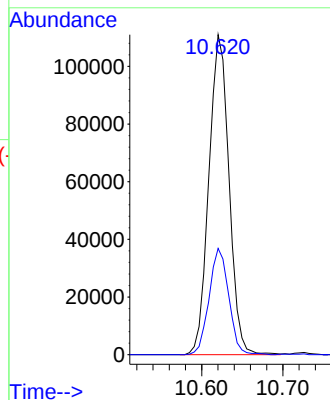
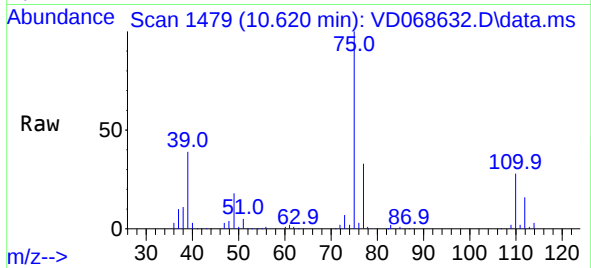
#53
t-1,3-Dichloropropene
Concen: 51.41 ug/l
RT: 10.620 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 75 Resp: 191334
Ion Ratio Lower Upper
75 100
77 33.2 25.0 37.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

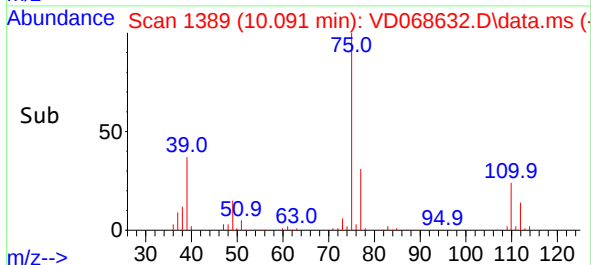
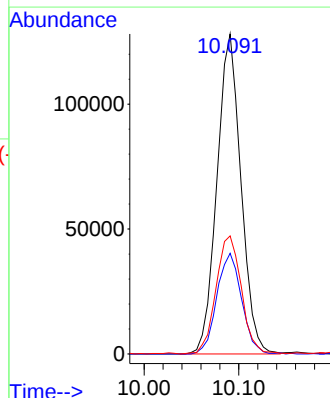
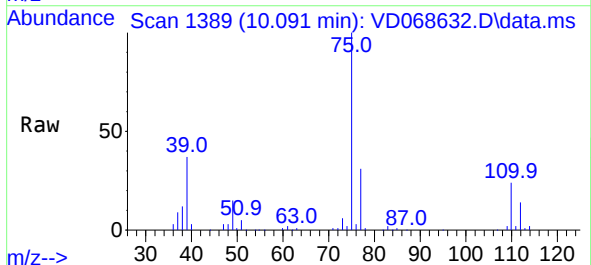
Manual Integrations
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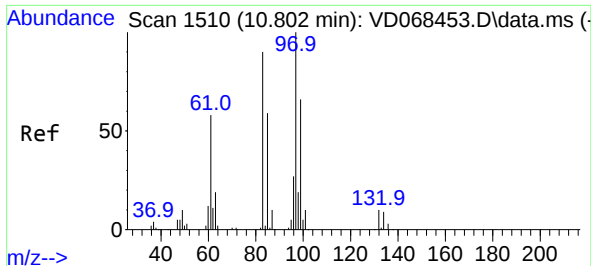
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#54
cis-1,3-Dichloropropene
Concen: 49.72 ug/l
RT: 10.091 min Scan# 1389
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 75 Resp: 225758
Ion Ratio Lower Upper
75 100
77 31.5 24.6 37.0
39 36.9 31.4 47.0





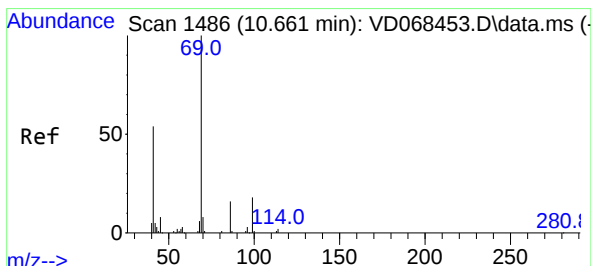
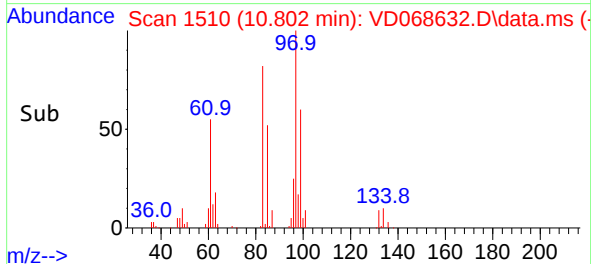
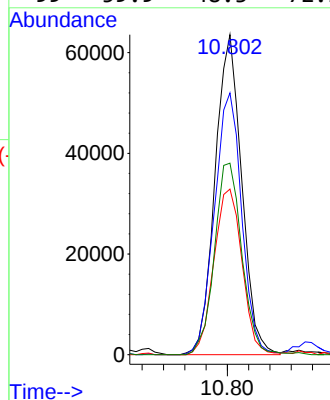
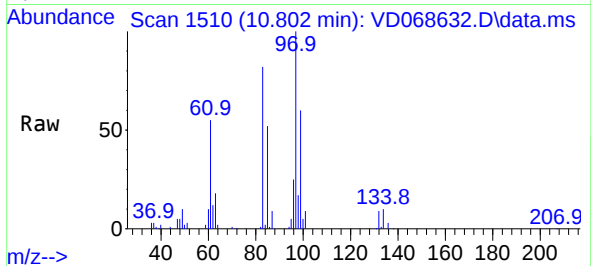
#55
1,1,2-Trichloroethane
Concen: 51.20 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:	97	Resp:	110285
Ion	Ratio	Lower	Upper
97	100		
83	81.8	61.8	92.6
85	51.8	42.2	63.2
99	59.9	48.3	72.5

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

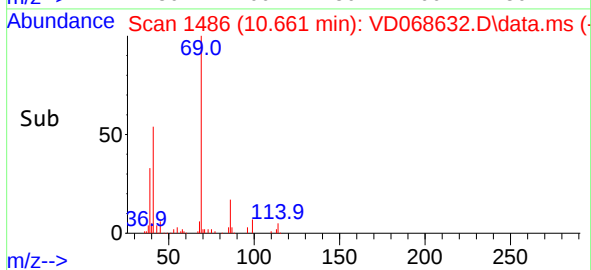
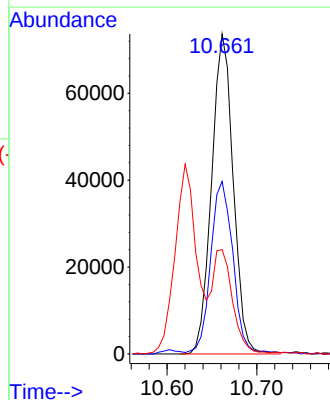
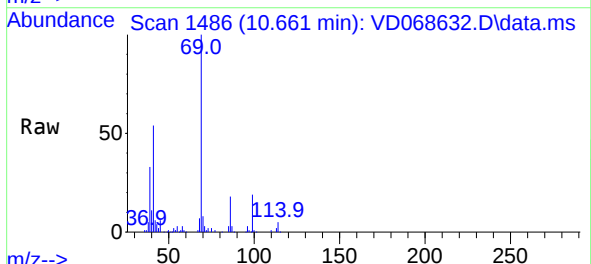
Manual Integrations
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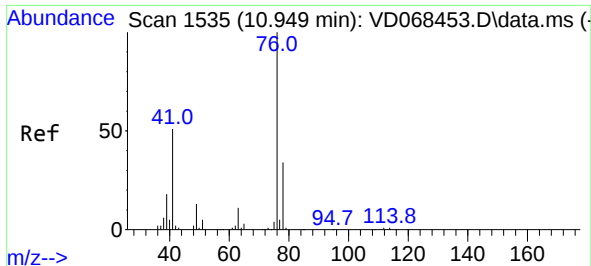
MMDadoda
3/18/2021 2:17:55 PM



#56
Ethyl methacrylate
Concen: 49.82 ug/l
RT: 10.661 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:	69	Resp:	123365
Ion	Ratio	Lower	Upper
69	100		
41	55.9	44.9	67.3
39	30.0	21.9	32.9





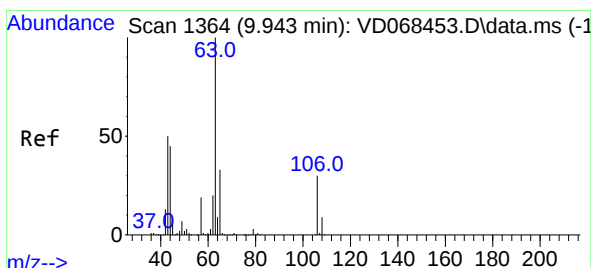
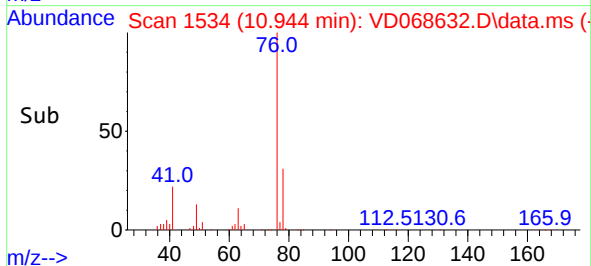
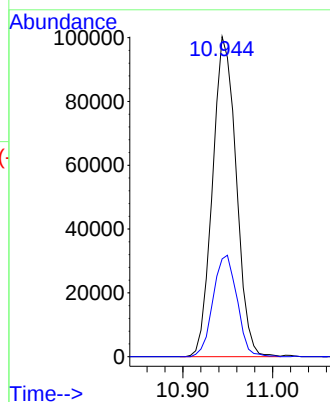
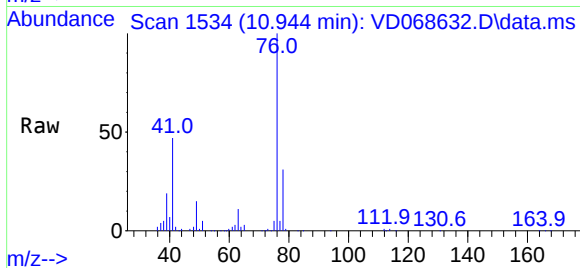
#57
1,3-Dichloropropane
Concen: 48.86 ug/l
RT: 10.944 min Scan# 1534
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 76 Resp: 183711
Ion Ratio Lower Upper
76 100
78 32.1 25.6 38.4

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

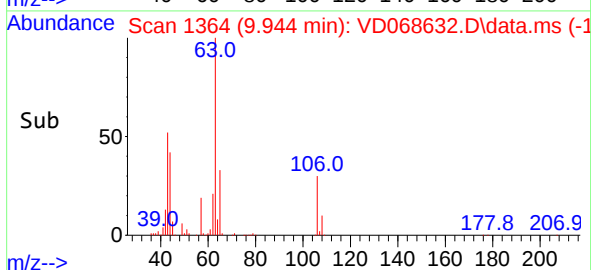
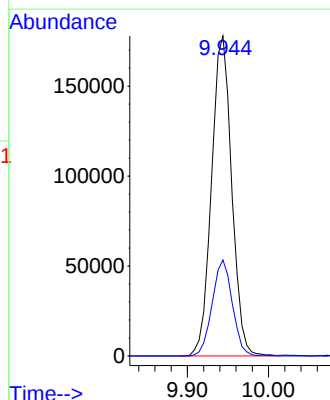
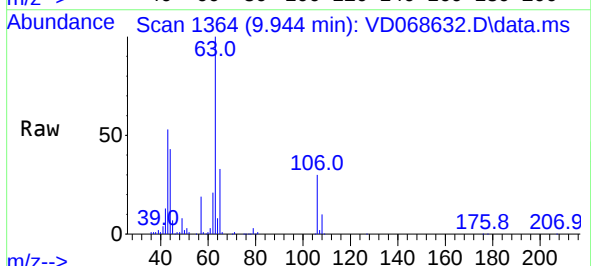
Manual Integrations
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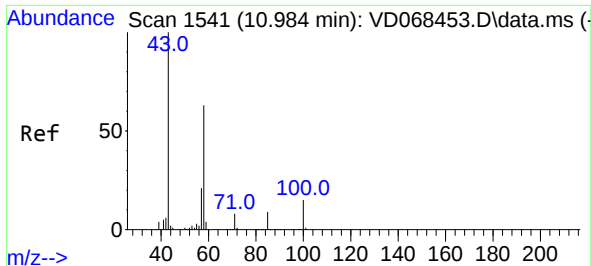
MMDadoda
3/18/2021 2:17:55 PM



#58
2-Chloroethyl Vinyl ether
Concen: 247.46 ug/l
RT: 9.944 min Scan# 1364
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 63 Resp: 307398
Ion Ratio Lower Upper
63 100
106 30.0 27.0 40.4





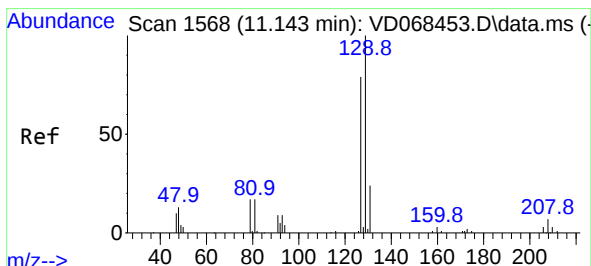
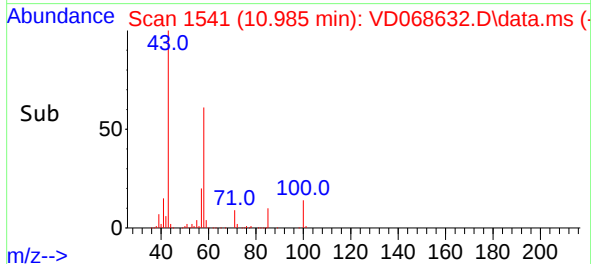
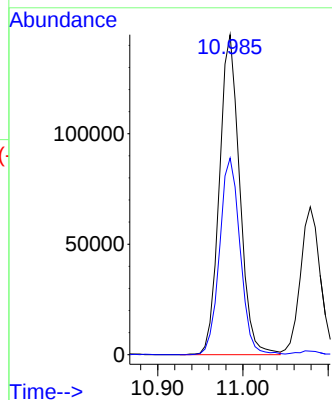
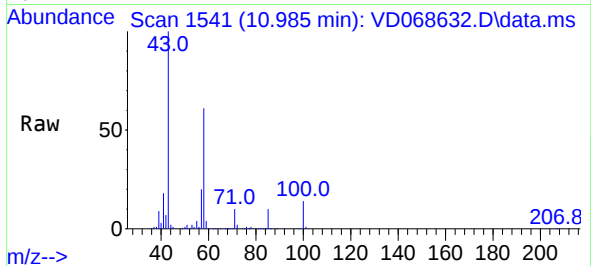
#59
2-Hexanone
Concen: 270.18 ug/l
RT: 10.985 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 43 Resp: 239781
Ion Ratio Lower Upper
43 100
58 62.2 31.0 93.0

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

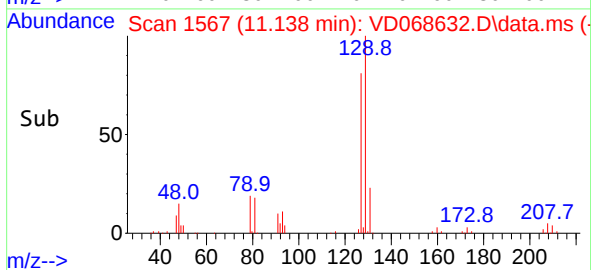
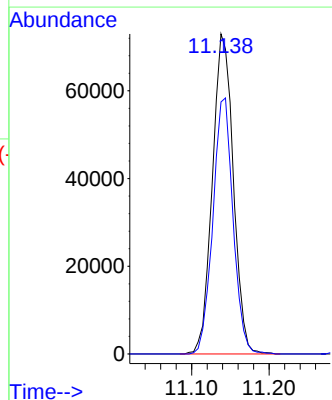
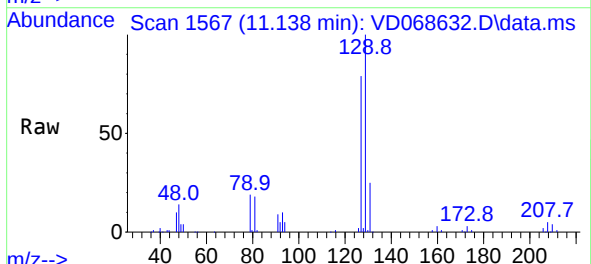
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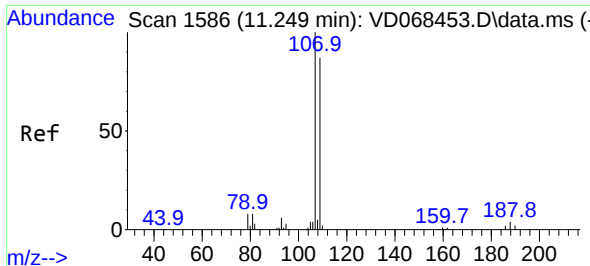
MMDadoda
3/18/2021 2:17:55 PM



#60
Dibromochloromethane
Concen: 51.32 ug/l
RT: 11.138 min Scan# 1567
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

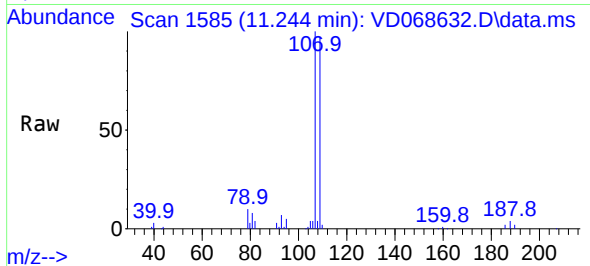
Tgt Ion:129 Resp: 136869
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.13 ug/l
RT: 11.244 min Scan# 1585
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

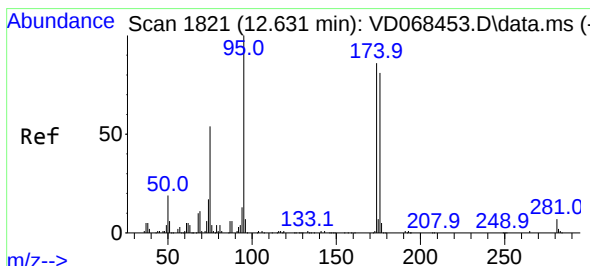
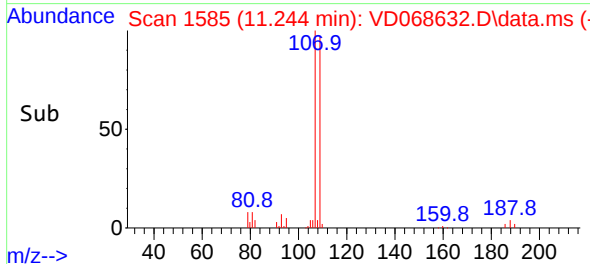
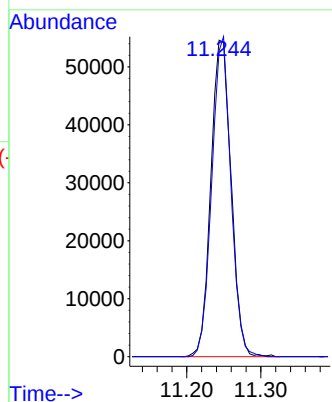
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



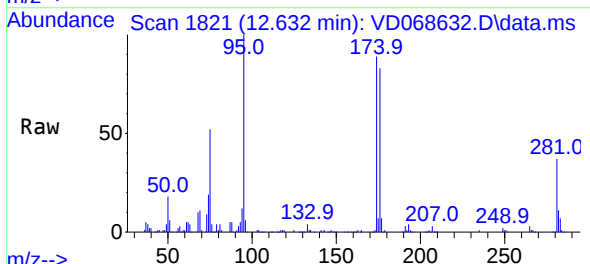
Tgt Ion:107 Resp: 103574
Ion Ratio Lower Upper
107 100
109 95.3 74.8 112.2

Manual Integrations
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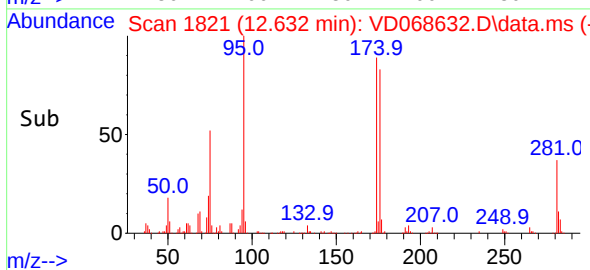
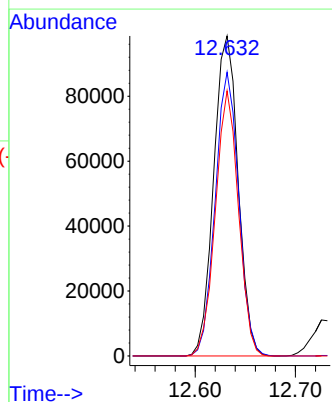
MMDadoda
3/18/2021 2:17:55 PM

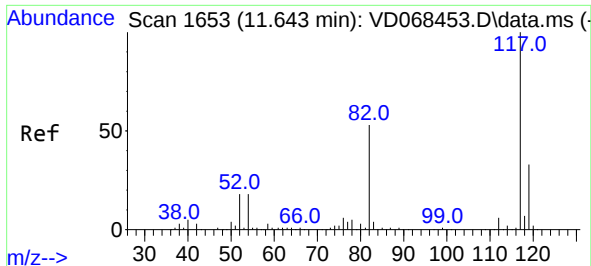


#62
4-Bromofluorobenzene
Concen: 49.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



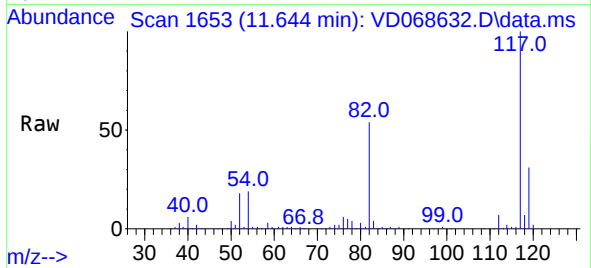
Tgt Ion: 95 Resp: 166801
Ion Ratio Lower Upper
95 100
174 85.4 0.0 172.4
176 78.3 0.0 168.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

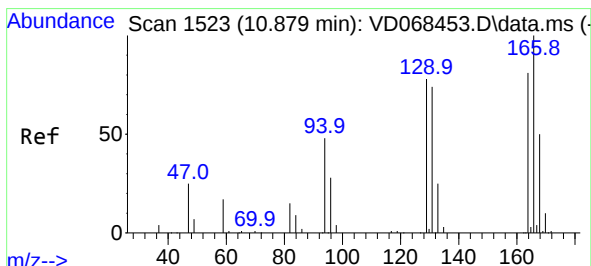
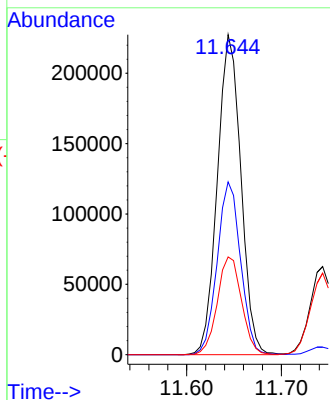
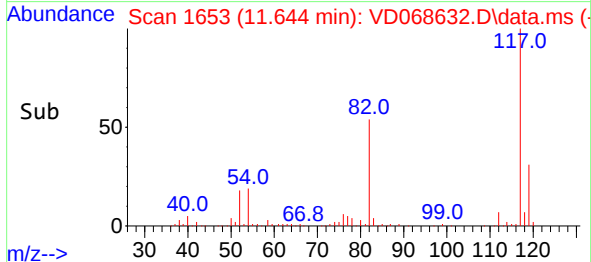
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



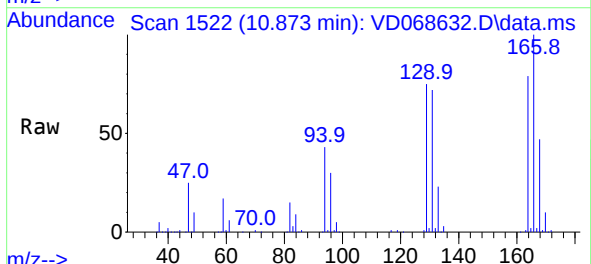
Tgt Ion:117 Resp: 393196
Ion Ratio Lower Upper
117 100
82 54.0 41.4 62.0
119 30.6 26.1 39.1

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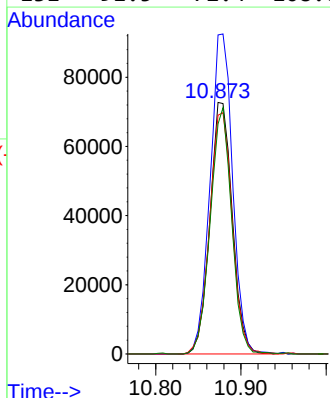
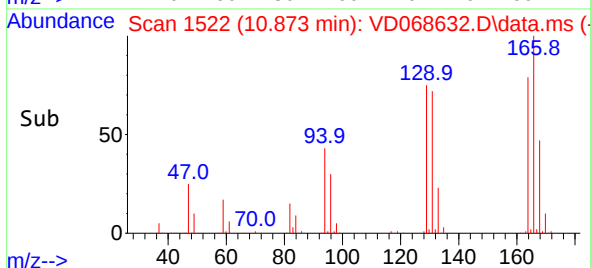
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3/18/2021 2:17:55 PM

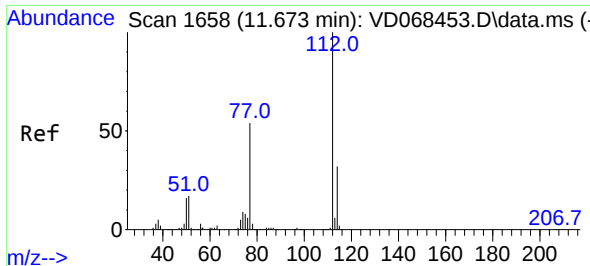


#64
Tetrachloroethene
Concen: 51.75 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion:164 Resp: 132866
Ion Ratio Lower Upper
164 100
166 126.8 105.5 158.3
129 94.9 75.6 113.4
131 91.5 72.4 108.6





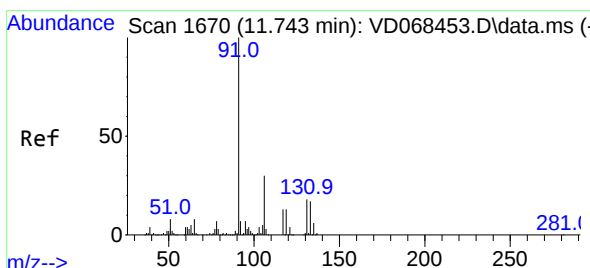
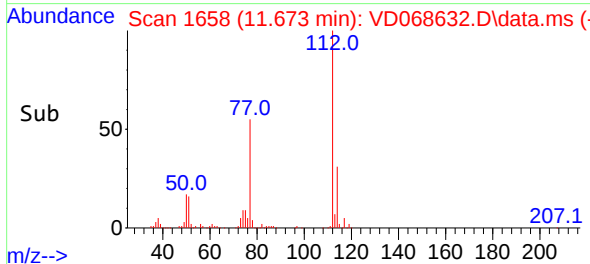
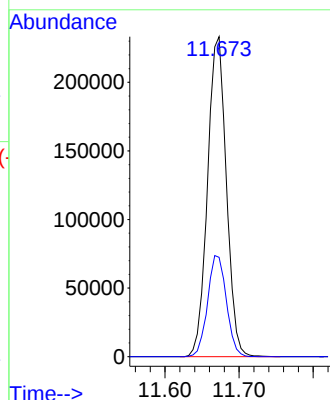
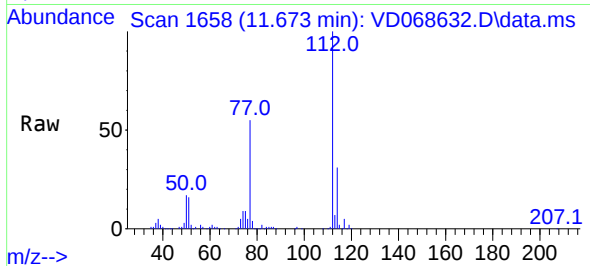
#65
Chlorobenzene
Concen: 51.39 ug/l
RT: 11.673 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 411503
Ion Ratio Lower Upper
112 100
114 31.1 25.7 38.5

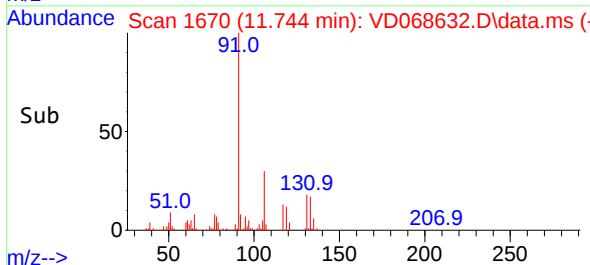
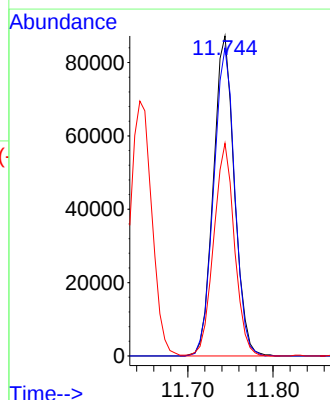
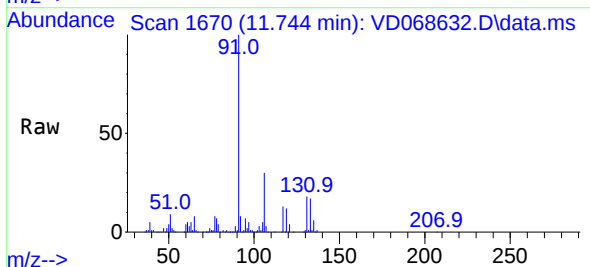
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#66
1,1,1,2-Tetrachloroethane
Concen: 53.65 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:131 Resp: 149335
Ion Ratio Lower Upper
131 100
133 96.6 48.1 144.4
119 65.6 31.6 94.8





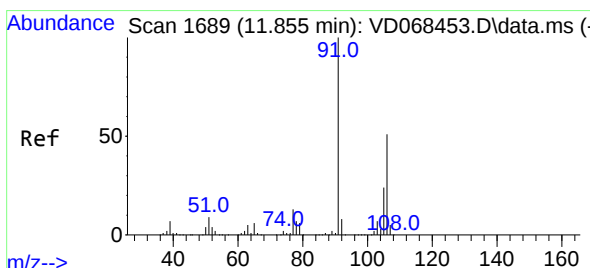
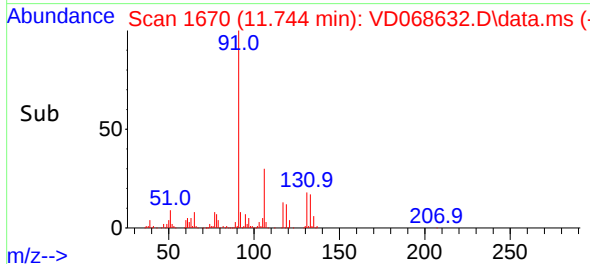
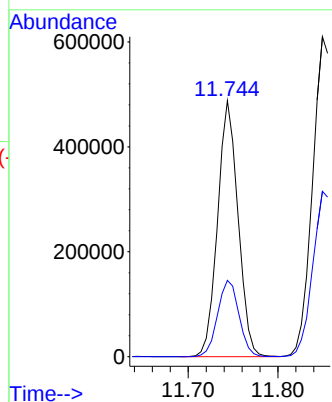
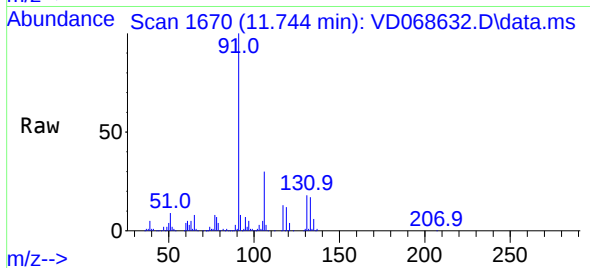
#67
Ethyl Benzene
Concen: 53.98 ug/l
RT: 11.744 min Scan# 1670
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 771608
Ion Ratio Lower Upper
91 100
106 29.8 25.9 38.9

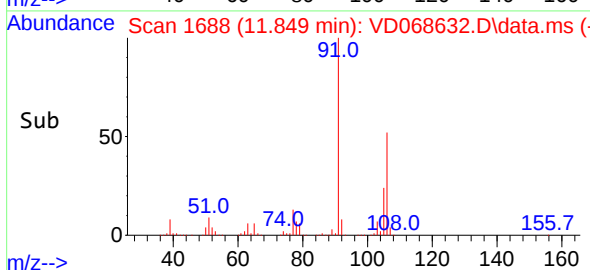
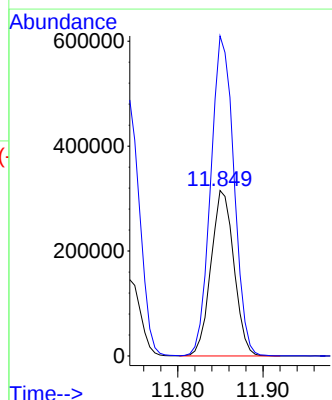
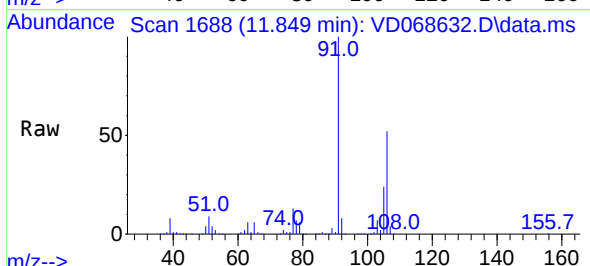
Manual Integrations
APPROVED

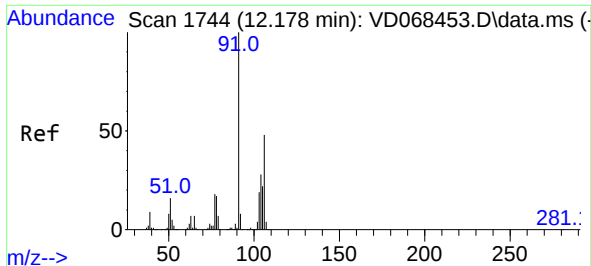
MMDadoda
3/18/2021 2:17:55 PM



#68
m/p-Xylenes
Concen: 108.99 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion: 106 Resp: 591663
Ion Ratio Lower Upper
106 100
91 195.5 159.1 238.7





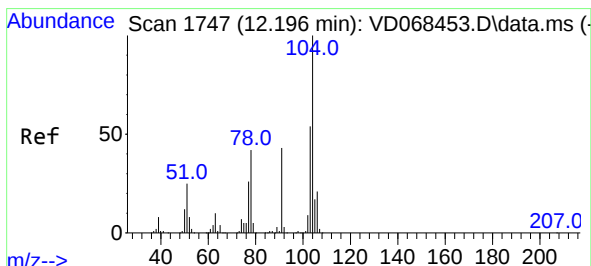
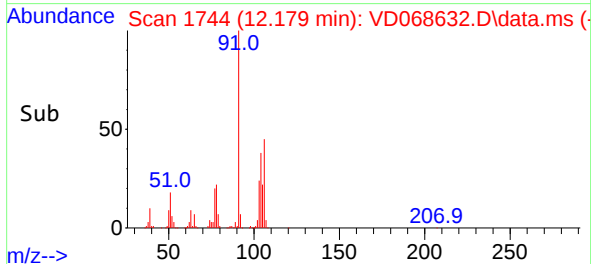
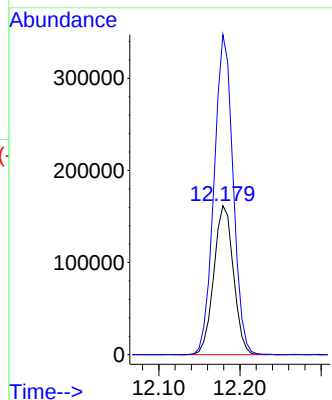
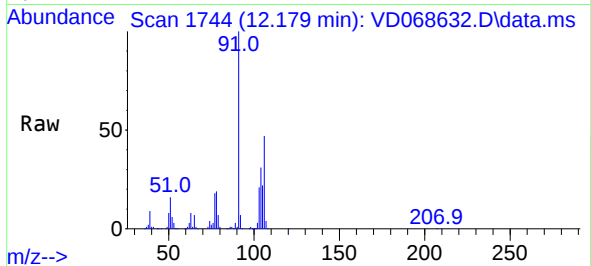
#69
o-Xylene
Concen: 54.37 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:106 Resp: 271809
Ion Ratio Lower Upper
106 100
91 208.3 108.7 325.9

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

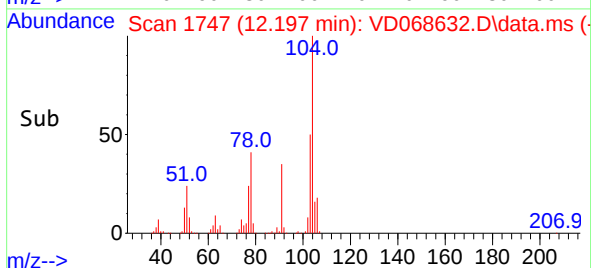
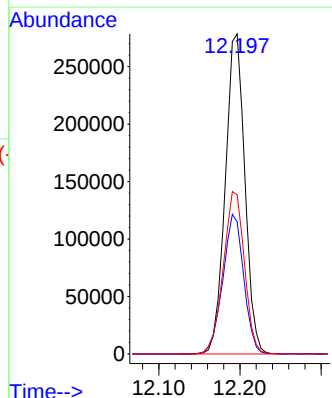
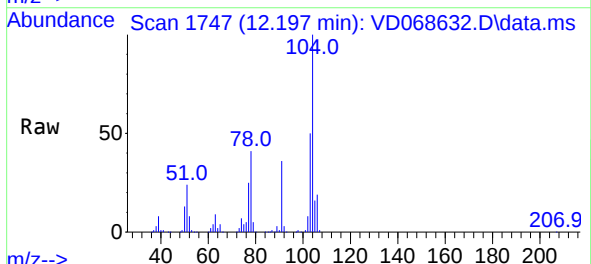
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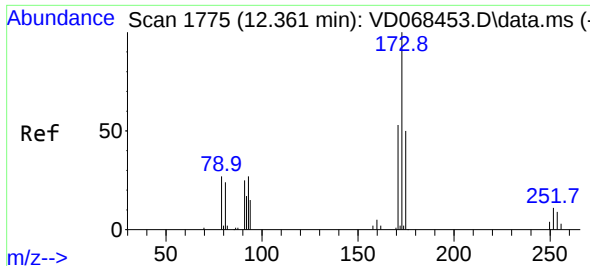
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#70
Styrene
Concen: 54.61 ug/l
RT: 12.197 min Scan# 1747
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:104 Resp: 466869
Ion Ratio Lower Upper
104 100
78 46.7 38.2 57.2
103 54.7 43.1 64.7





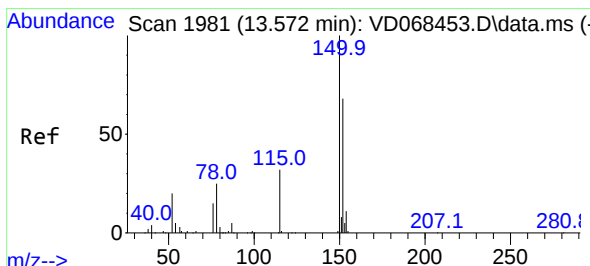
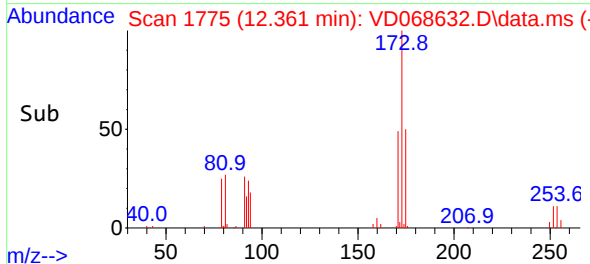
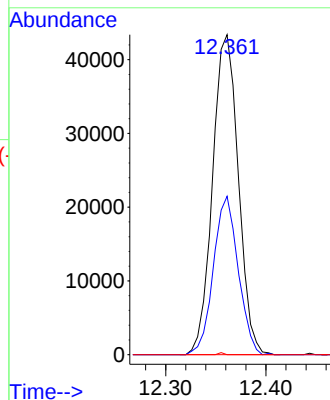
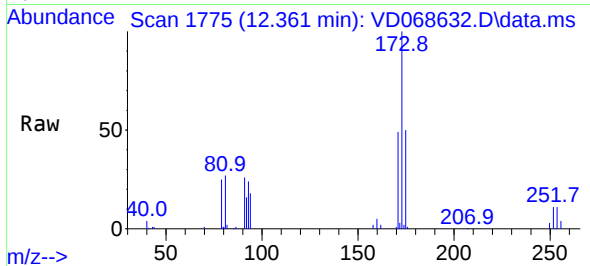
#71
Bromoform
Concen: 54.74 ug/l
RT: 12.361 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:173 Resp: 77407
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.1 0.0 0.0#

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

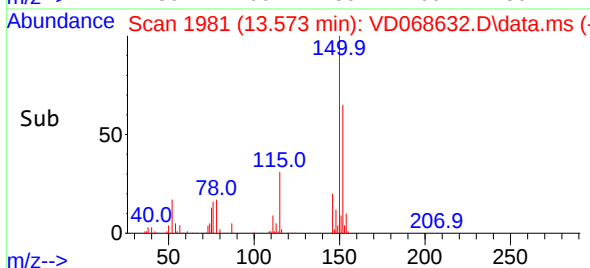
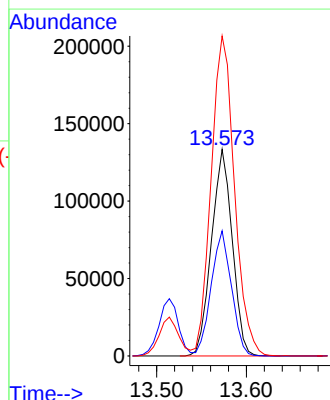
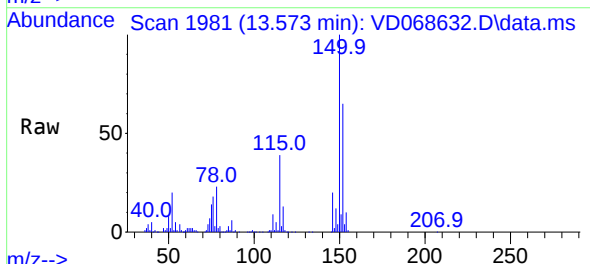
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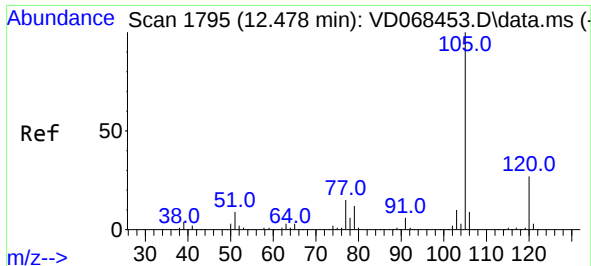
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#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:152 Resp: 215166
Ion Ratio Lower Upper
152 100
115 58.7 28.9 86.8
150 173.7 0.0 344.4





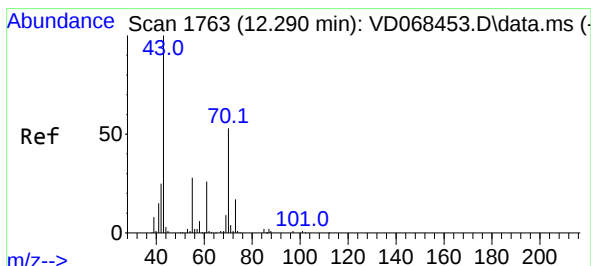
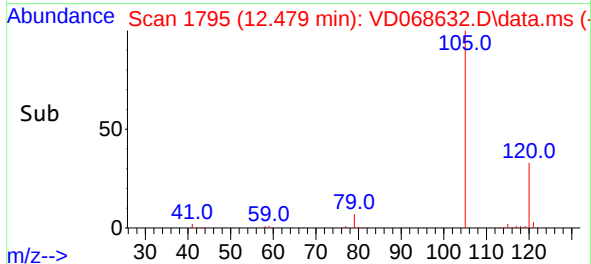
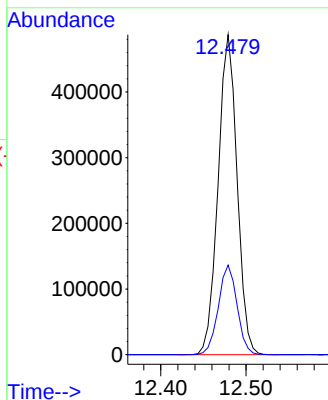
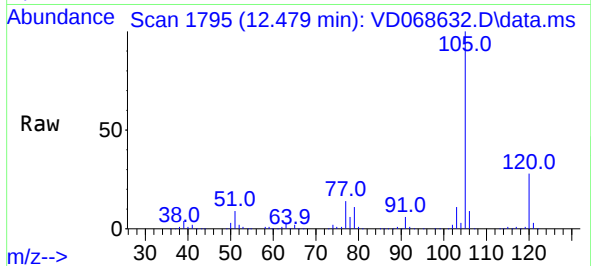
#73
Isopropylbenzene
Concen: 47.28 ug/l
RT: 12.479 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 754548
Ion Ratio Lower Upper
105 100
120 27.5 13.2 39.6

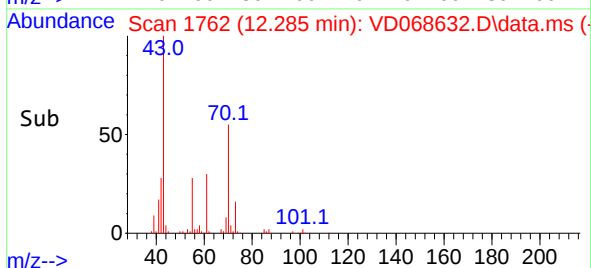
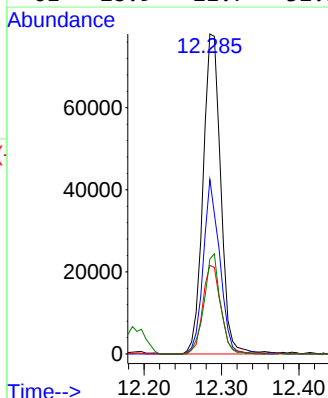
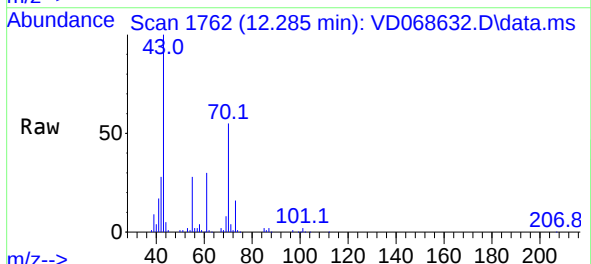
Manual Integrations
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#74
N-ethyl acetate
Concen: 45.52 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

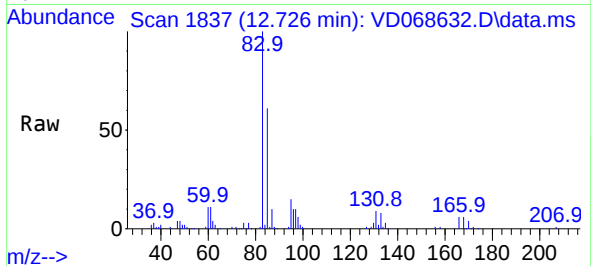
Tgt Ion: 43 Resp: 123761
Ion Ratio Lower Upper
43 100
70 50.2 41.8 62.8
55 28.6 24.2 36.4
61 28.9 21.7 32.5





#75
1,1,2,2-Tetrachloroethane
Concen: 46.60 ug/l
RT: 12.726 min Scan# 1837
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

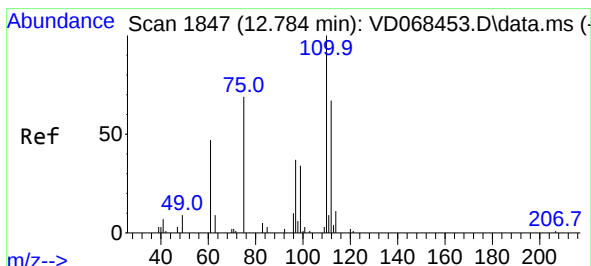
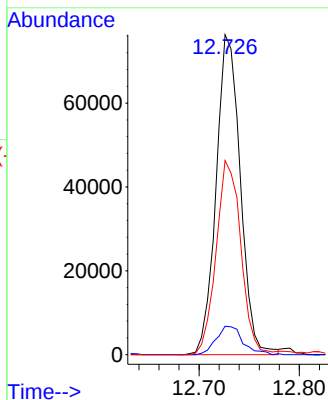
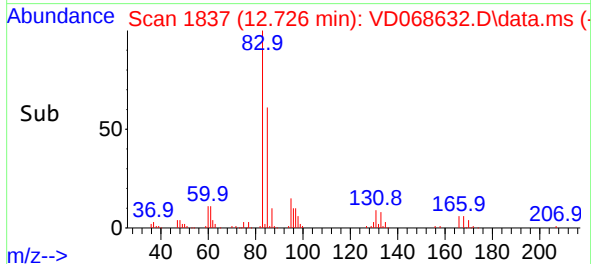
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



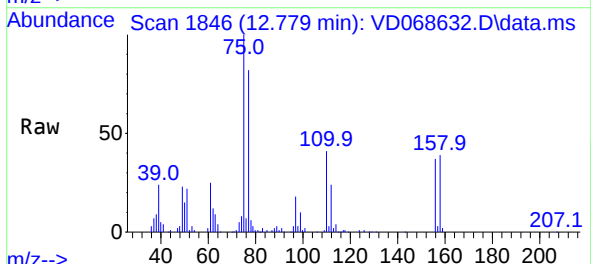
Tgt Ion: 83 Resp: 127948
Ion Ratio Lower Upper
83 100
131 9.8 5.8 17.4
85 61.8 32.4 97.2

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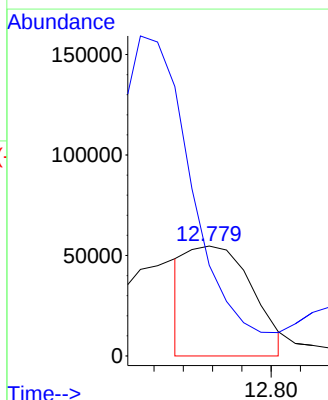
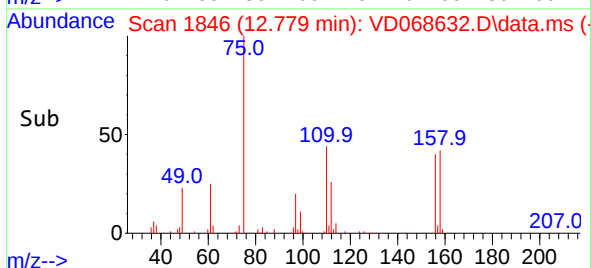
MMDadoda
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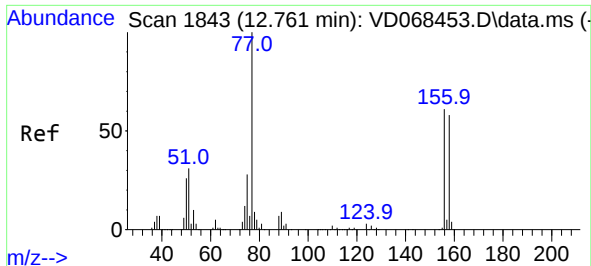


#76
1,2,3-Trichloropropane
Concen: 44.44 ug/l m
RT: 12.779 min Scan# 1846
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

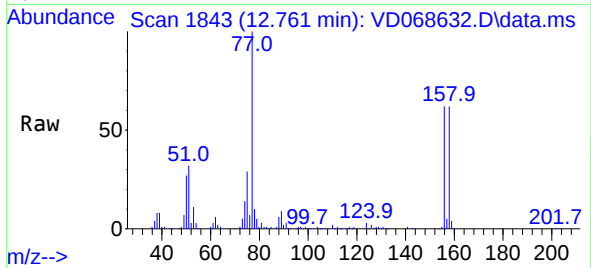


Tgt Ion: 75 Resp: 84883
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

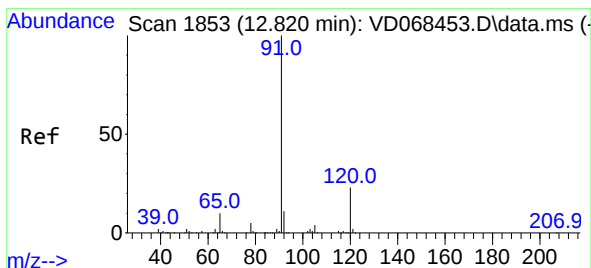
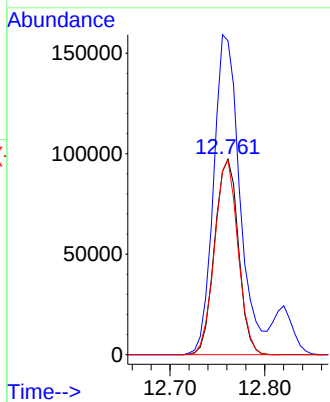
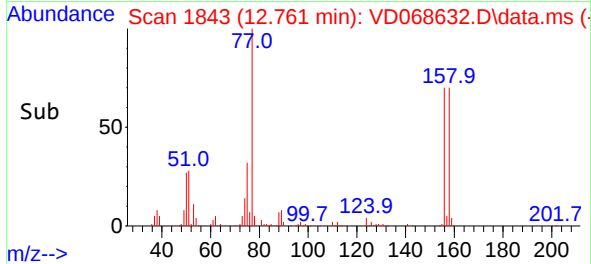




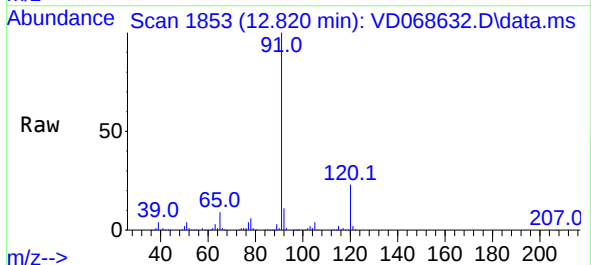
#77
Bromobenzene
Concen: 46.57 ug/l
RT: 12.761 min Scan# 1843
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



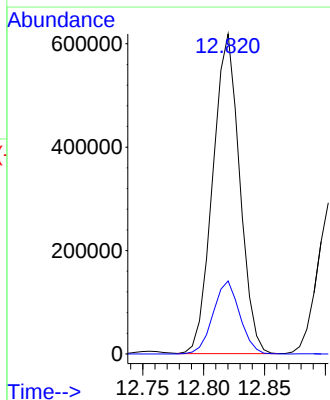
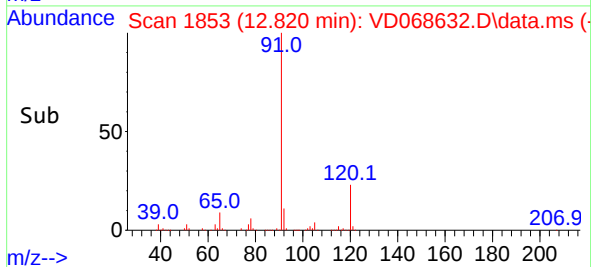
Tgt Ion:156 Resp: 169585
Ion Ratio Lower Upper
156 100
77 180.9 82.8 248.3
158 98.0 48.0 144.0



#78
n-propylbenzene
Concen: 49.82 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



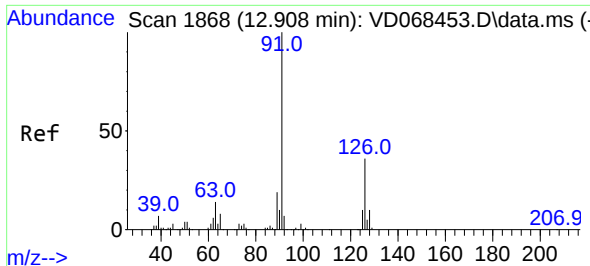
Tgt Ion: 91 Resp: 949993
Ion Ratio Lower Upper
91 100
120 22.6 12.0 36.0



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

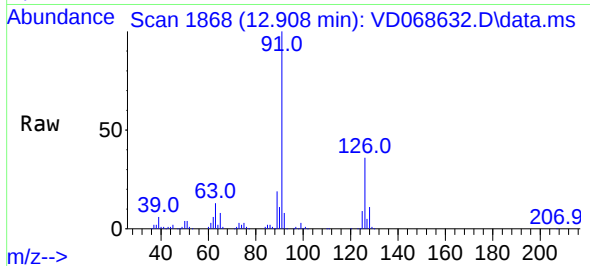
Manual Integrations
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#79
2-Chlorotoluene
Concen: 49.38 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

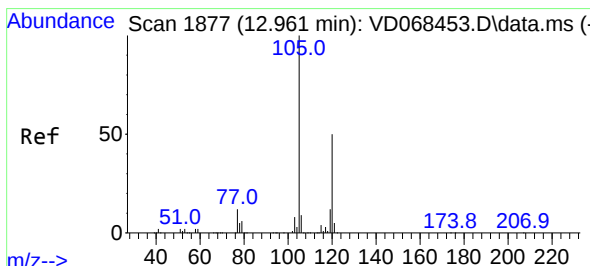
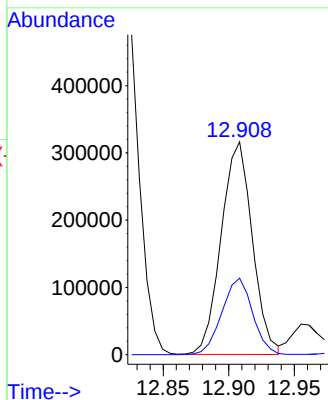
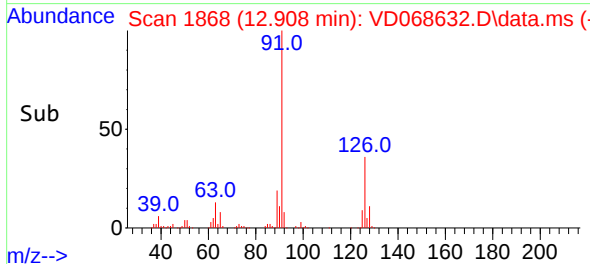
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



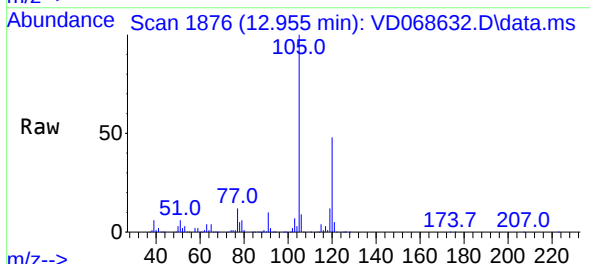
Tgt Ion: 91 Resp: 522589
Ion Ratio Lower Upper
91 100
126 35.4 17.8 53.5

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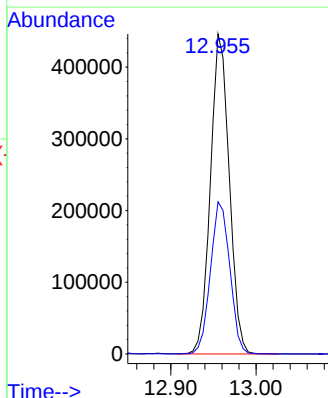
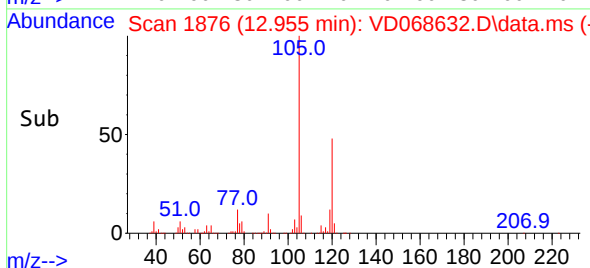
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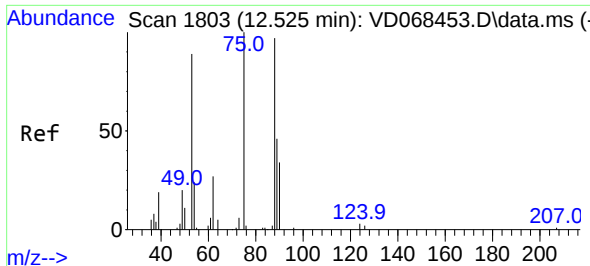


#80
1,3,5-Trimethylbenzene
Concen: 52.30 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



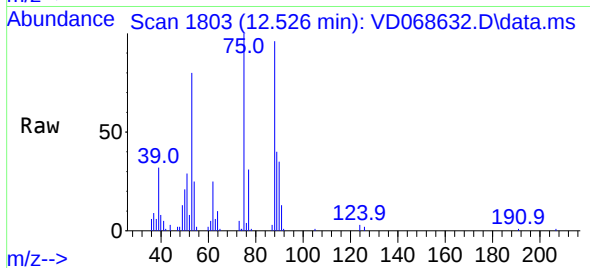
Tgt Ion: 105 Resp: 684048
Ion Ratio Lower Upper
105 100
120 48.9 24.2 72.6





#81
trans-1,4-Dichloro-2-butene
Concen: 47.63 ug/l
RT: 12.526 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

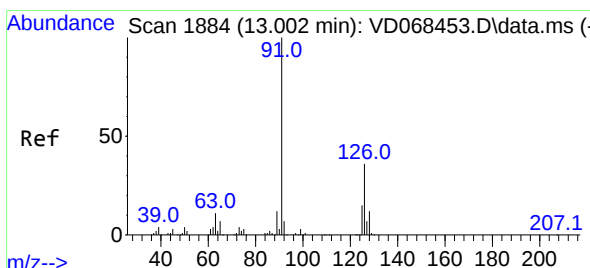
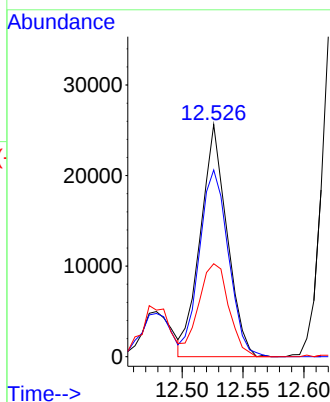
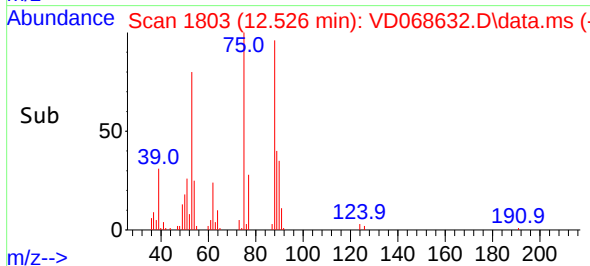
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



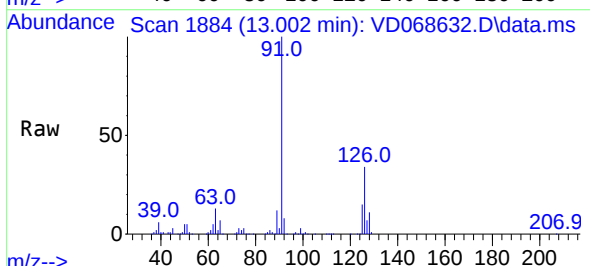
Tgt Ion: 75 Resp: 38987
Ion Ratio Lower Upper
75 100
53 88.1 70.2 105.2
89 45.7 40.3 60.5

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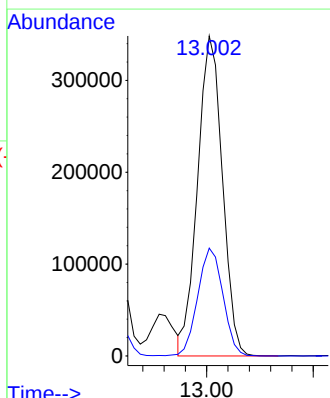
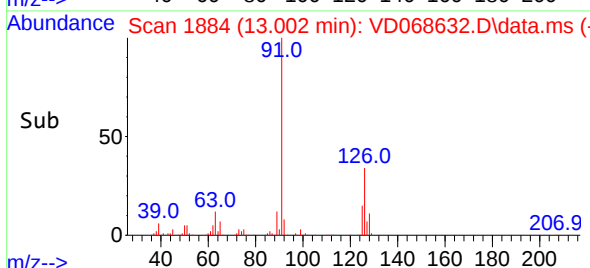
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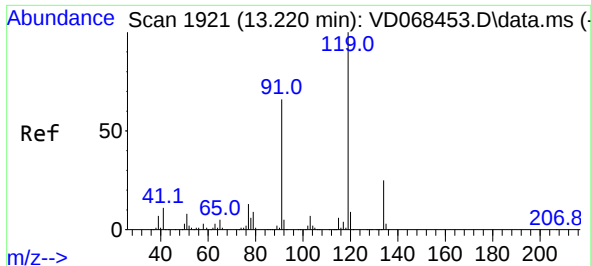


#82
4-Chlorotoluene
Concen: 50.60 ug/l
RT: 13.002 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



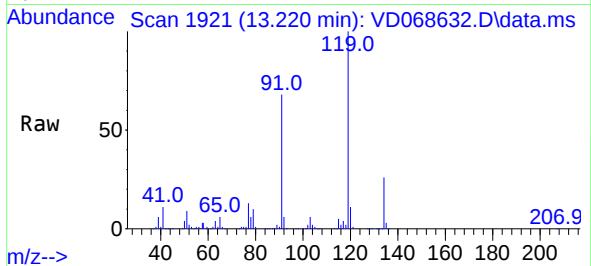
Tgt Ion: 91 Resp: 563488
Ion Ratio Lower Upper
91 100
126 34.3 17.7 53.1





#83
tert-Butylbenzene
Concen: 50.07 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

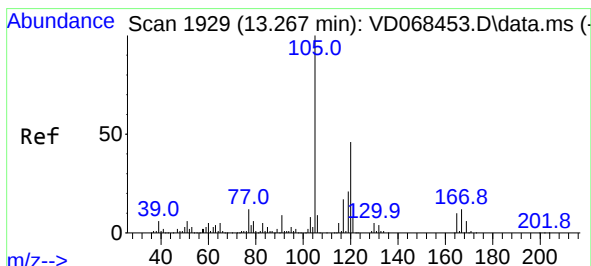
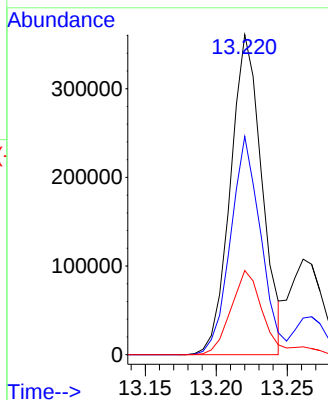
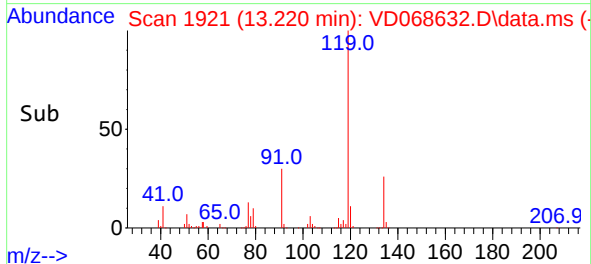
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



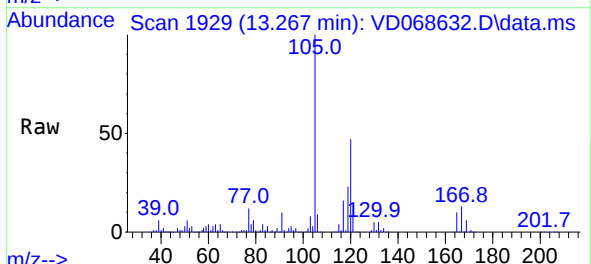
Tgt Ion:119 Resp: 557553
Ion Ratio Lower Upper
119 100
91 65.6 31.1 93.5
134 27.9 13.3 39.8

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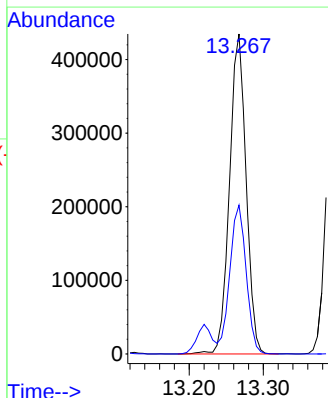
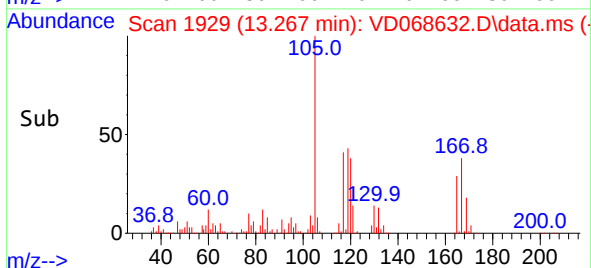
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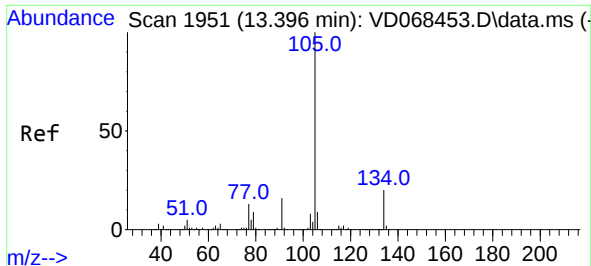


#84
1,2,4-Trimethylbenzene
Concen: 51.46 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



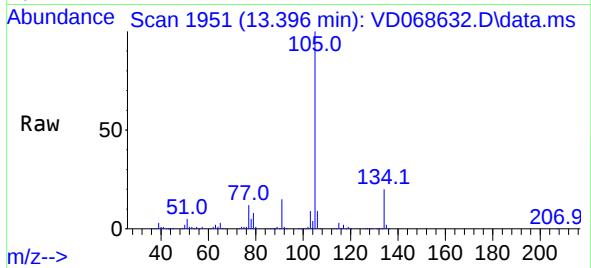
Tgt Ion:105 Resp: 674071
Ion Ratio Lower Upper
105 100
120 46.0 22.4 67.0





#85
sec-Butylbenzene
Concen: 52.64 ug/l
RT: 13.396 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

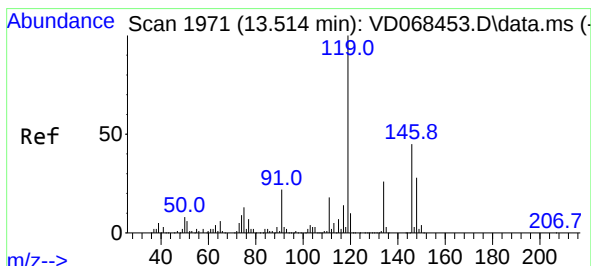
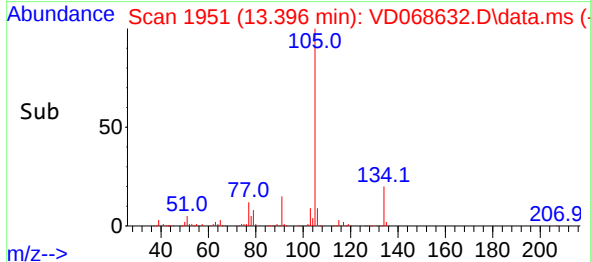
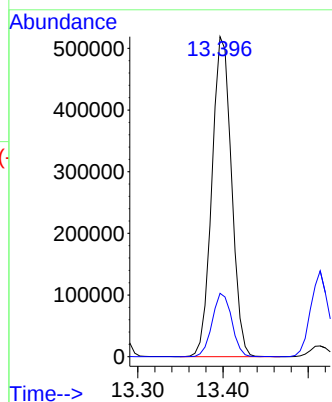
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



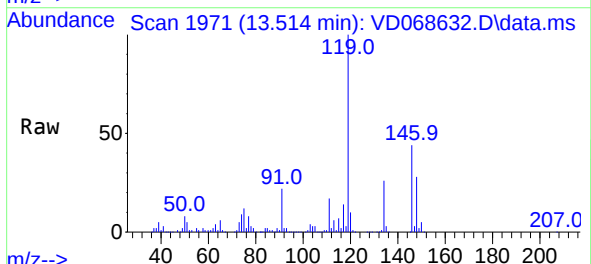
Tgt Ion:105 Resp: 828114
Ion Ratio Lower Upper
105 100
134 19.7 10.3 30.9

Manual Integrations
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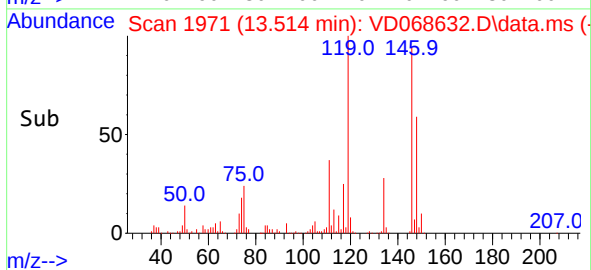
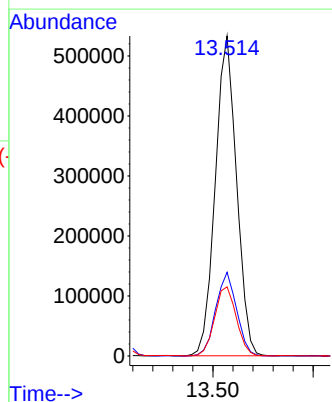
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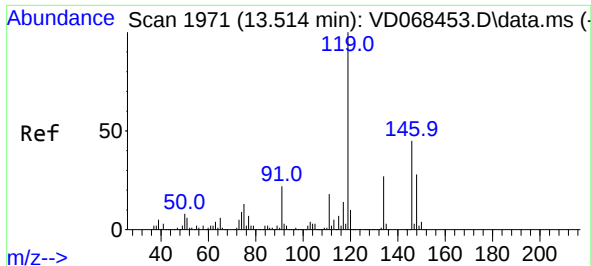


#86
p-Isopropyltoluene
Concen: 54.87 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

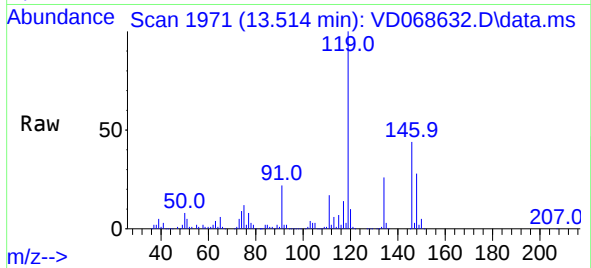


Tgt Ion:119 Resp: 783597
Ion Ratio Lower Upper
119 100
134 25.8 12.9 38.7
91 22.2 11.7 35.0

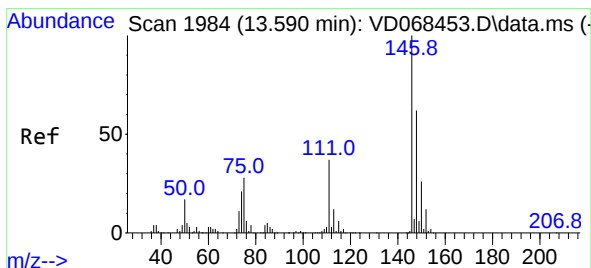
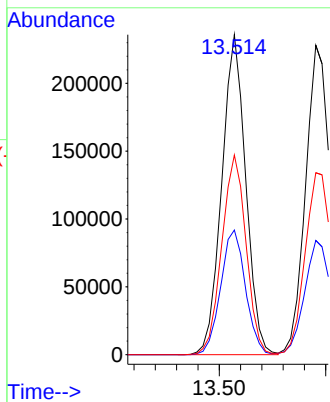
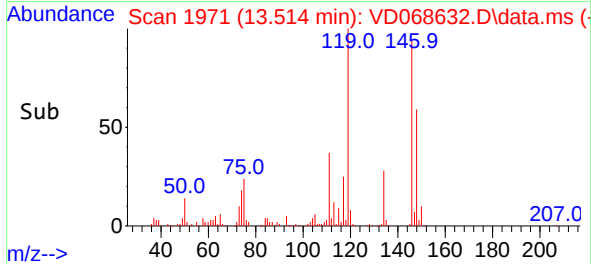




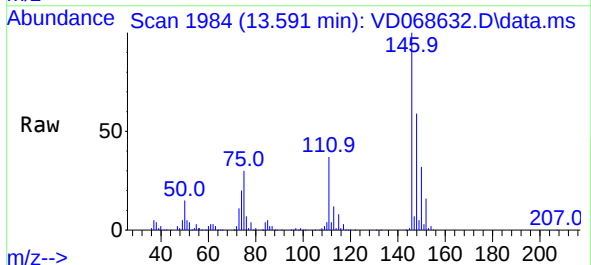
#87
1,3-Dichlorobenzene
Concen: 52.42 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



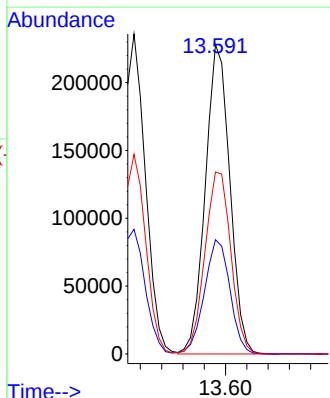
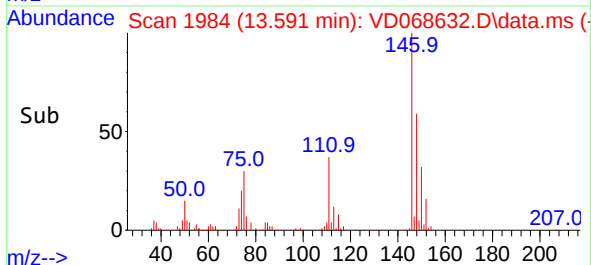
Tgt Ion:146 Resp: 368708
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 63.0 31.6 95.0



#88
1,4-Dichlorobenzene
Concen: 52.45 ug/l
RT: 13.591 min Scan# 1984
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



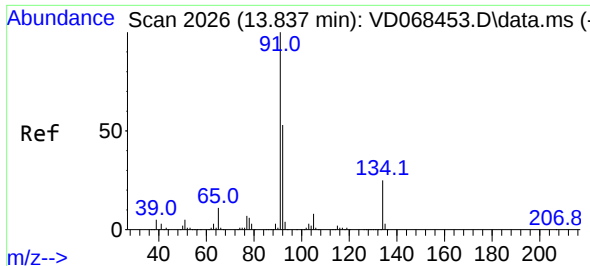
Tgt Ion:146 Resp: 365507
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 62.2 31.9 95.7



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

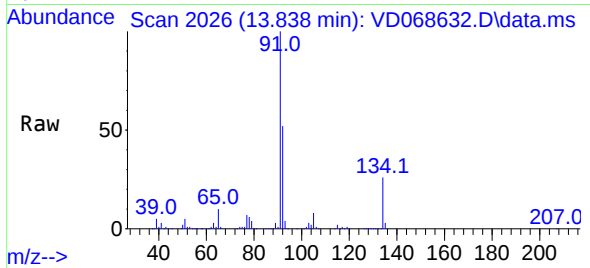
Manual Integrations
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#89
n-Butylbenzene
Concen: 55.16 ug/l
RT: 13.838 min Scan# 2026
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

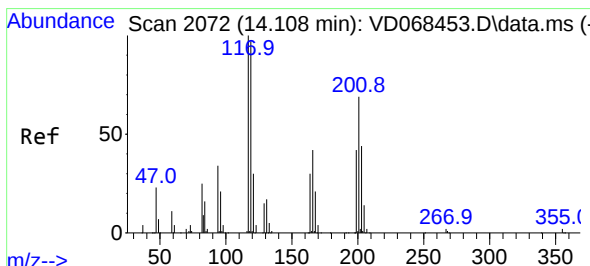
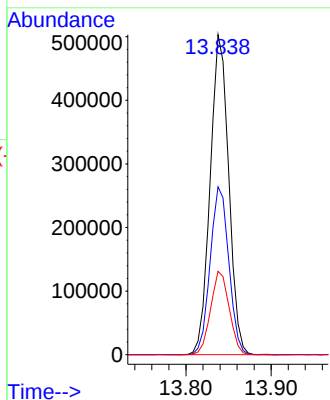
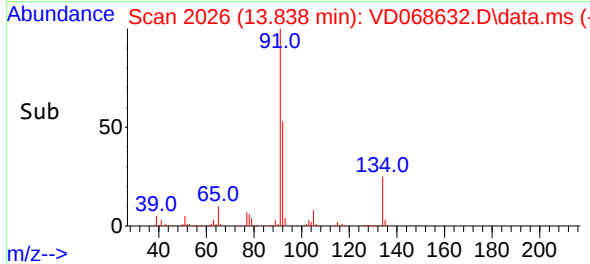
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



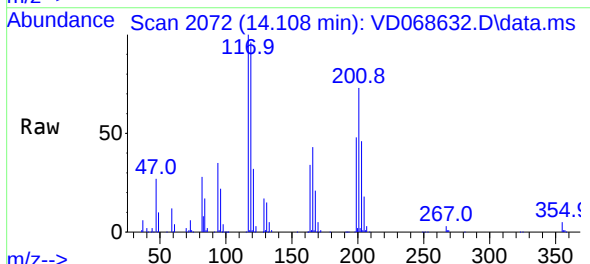
Tgt Ion: 91 Resp: 759743
Ion Ratio Lower Upper
91 100
92 52.8 27.2 81.6
134 26.1 13.9 41.7

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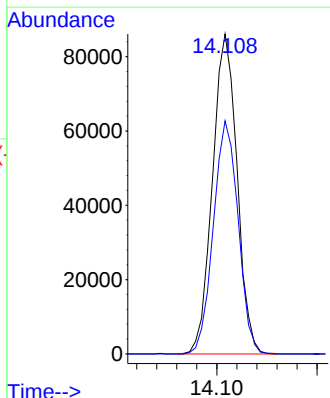
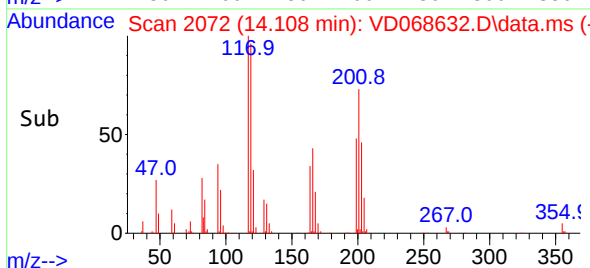
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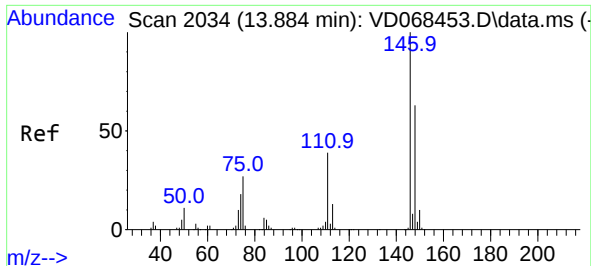


#90
Hexachloroethane
Concen: 51.52 ug/l
RT: 14.108 min Scan# 2072
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

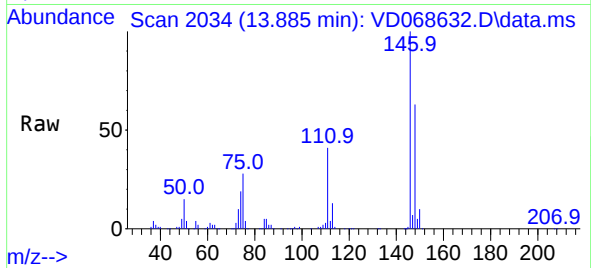


Tgt Ion: 117 Resp: 146210
Ion Ratio Lower Upper
117 100
201 73.7 39.5 118.5

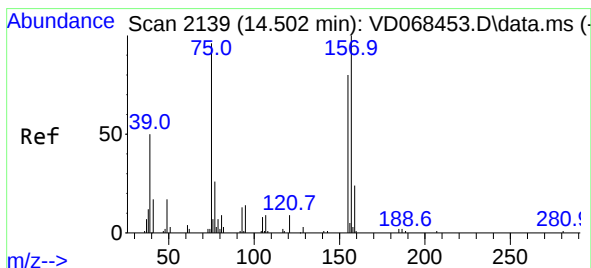
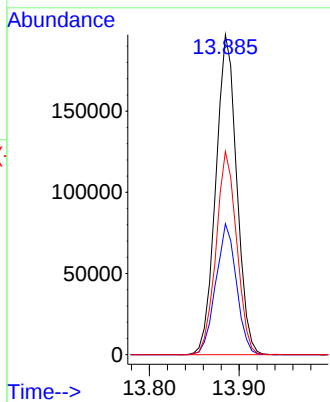
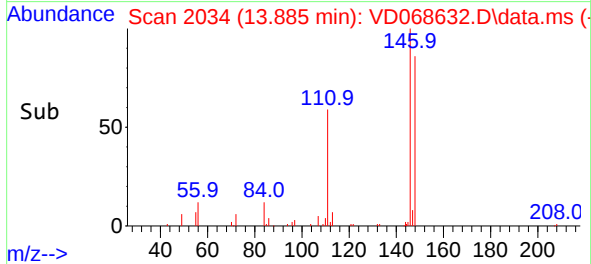




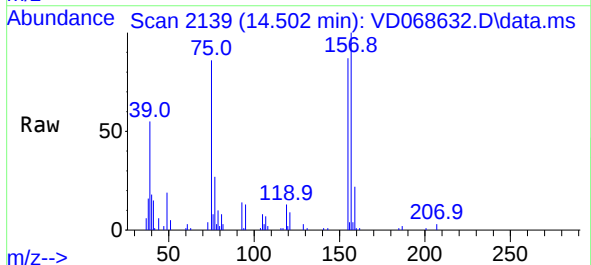
#91
1,2-Dichlorobenzene
Concen: 52.89 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



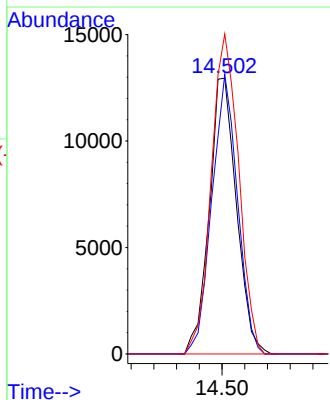
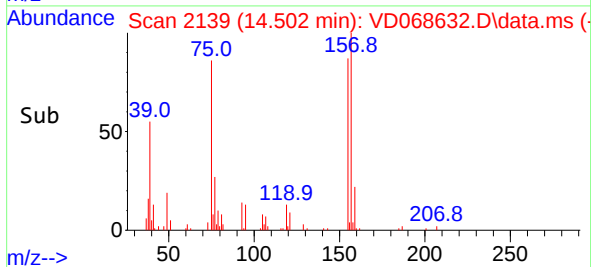
Tgt Ion:146 Resp: 319064
Ion Ratio Lower Upper
146 100
111 40.4 20.3 60.9
148 62.7 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.47 ug/l
RT: 14.502 min Scan# 2139
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



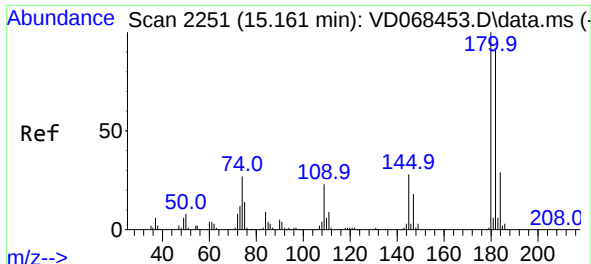
Tgt Ion: 75 Resp: 21523
Ion Ratio Lower Upper
75 100
155 95.5 48.0 144.2
157 116.9 65.0 194.8



Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

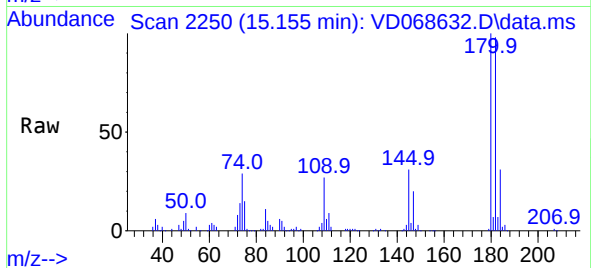
Manual Integrations
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#93
1,2,4-Trichlorobenzene
Concen: 47.91 ug/l
RT: 15.155 min Scan# 2250
Delta R.T. -0.005 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

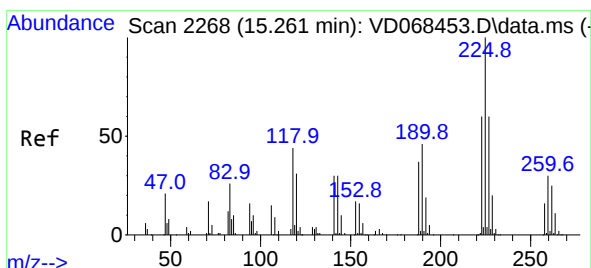
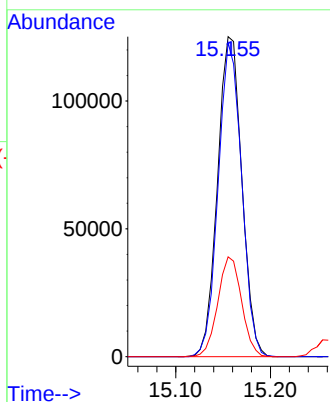
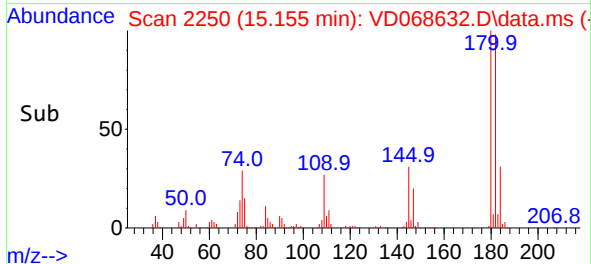
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



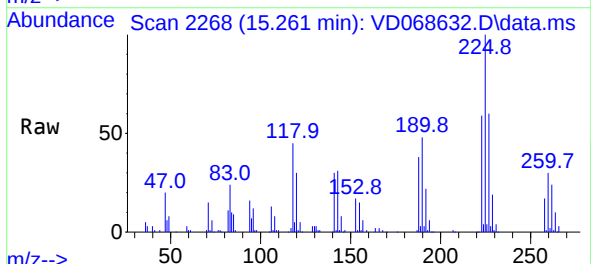
Tgt Ion:180 Resp: 223248
Ion Ratio Lower Upper
180 100
182 94.6 46.8 140.4
145 30.5 15.2 45.5

Manual Integrations
APPROVED

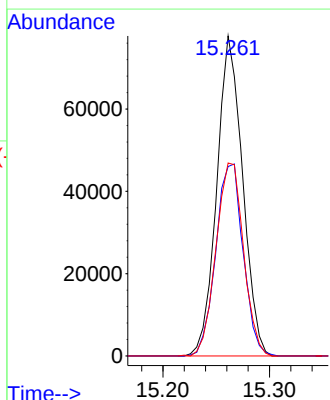
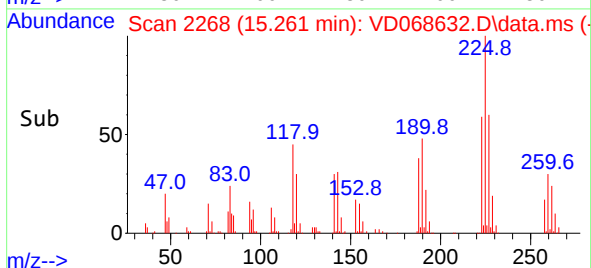
MMDadoda
3/18/2021 2:17:55 PM

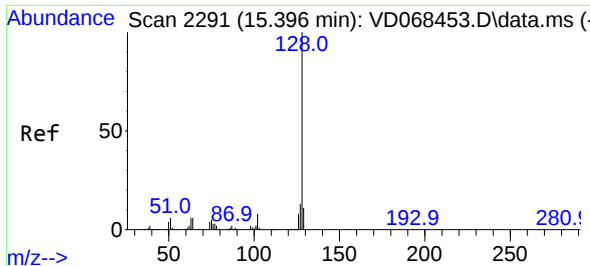


#94
Hexachlorobutadiene
Concen: 50.55 ug/l
RT: 15.261 min Scan# 2268
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10



Tgt Ion:225 Resp: 130732
Ion Ratio Lower Upper
225 100
223 63.5 31.9 95.5
227 64.4 32.1 96.5





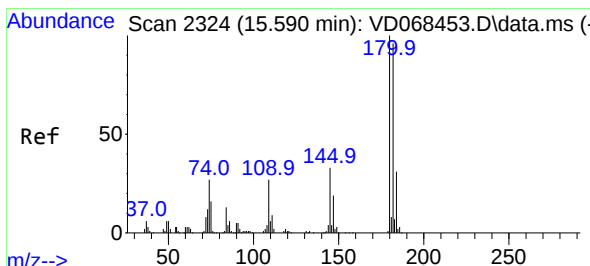
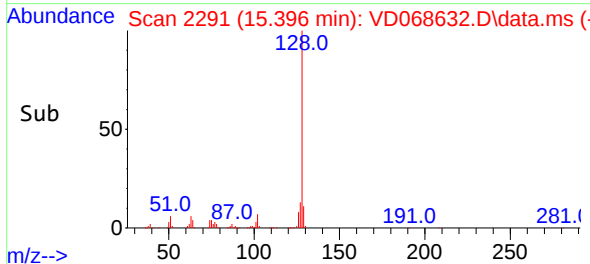
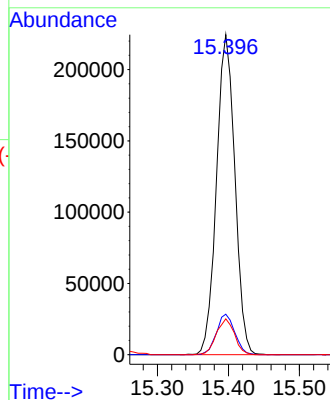
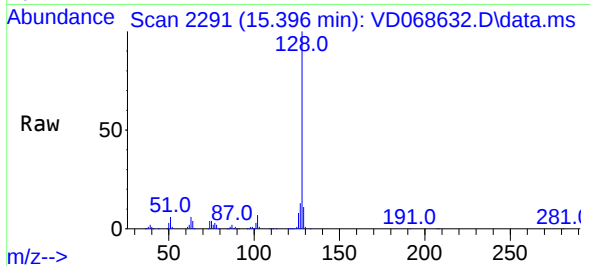
#95
Naphthalene
Concen: 47.65 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:128 Resp: 402050
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 11.1 8.8 13.2

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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3/18/2021 2:17:55 PM



#96
1,2,3-Trichlorobenzene
Concen: 47.37 ug/l
RT: 15.590 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VD068632.D
Acq: 17 Mar 2021 12:10

Tgt Ion:180 Resp: 191112
Ion Ratio Lower Upper
180 100
182 96.3 48.3 144.8
145 32.4 16.7 50.1

