

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074213.D
 Acq On : 24 Aug 2022 09:46
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 25 05:01:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	150571	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	236047	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	124667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72324	47.006	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.020%
35) Dibromofluoromethane	7.909	113	79763	50.519	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.040%
50) Toluene-d8	10.326	98	249041	49.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.020%
62) 4-Bromofluorobenzene	12.620	95	105612	52.609	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.220%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	62672	49.601	ug/l	93
3) Chloromethane	2.209	50	40925	45.460	ug/l	90
4) Vinyl Chloride	2.350	62	43044	45.546	ug/l	99
5) Bromomethane	2.768	94	29146	47.754	ug/l	99
6) Chloroethane	2.921	64	30549	49.810	ug/l	94
7) Trichlorofluoromethane	3.268	101	137607	50.121	ug/l	95
8) Diethyl Ether	3.709	74	34185	46.335	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.091	101	83202	50.085	ug/l	94
10) Methyl Iodide	4.297	142	97881	48.693	ug/l	99
11) Tert butyl alcohol	5.209	59	22178	231.473	ug/l	100
12) 1,1-Dichloroethene	4.068	96	71056	47.828	ug/l	90
13) Acrolein	3.915	56	8139	208.871	ug/l	94
14) Allyl chloride	4.709	41	111215	47.816	ug/l #	94
15) Acrylonitrile	5.415	53	83438	243.228	ug/l	98
16) Acetone	4.150	43	80430	274.380	ug/l #	89
17) Carbon Disulfide	4.403	76	208317	43.735	ug/l	100
18) Methyl Acetate	4.709	43	41294	47.648	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	173401	48.738	ug/l	94
20) Methylene Chloride	4.956	84	95285	50.969	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	88827	51.133	ug/l	90
22) Diisopropyl ether	6.362	45	244169	51.188	ug/l	93
23) Vinyl Acetate	6.303	43	619540	231.100	ug/l #	93
24) 1,1-Dichloroethane	6.250	63	157613	50.119	ug/l	98
25) 2-Butanone	7.203	43	111657	246.052	ug/l #	87
26) 2,2-Dichloropropane	7.203	77	143271	50.563	ug/l	98
27) cis-1,2-Dichloroethene	7.203	96	98402	50.406	ug/l	93
28) Bromochloromethane	7.538	49	52058	54.765	ug/l #	74
29) Tetrahydrofuran	7.556	42	71433	260.836	ug/l	90
30) Chloroform	7.703	83	177990	53.681	ug/l	97
31) Cyclohexane	7.979	56	136060	49.682	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	160665	52.290	ug/l	96
36) 1,1-Dichloropropene	8.103	75	130570	54.715	ug/l	96
37) Ethyl Acetate	7.285	43	52157	55.434	ug/l #	93
38) Carbon Tetrachloride	8.091	117	140347	54.748	ug/l	99
39) Methylcyclohexane	9.350	83	148307	49.233	ug/l	97
40) Benzene	8.344	78	372974	55.447	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	31616	55.899	ug/l	92
42) 1,2-Dichloroethane	8.414	62	109911	55.432	ug/l	97
43) Isopropyl Acetate	8.444	43	97737	51.641	ug/l #	92
44) Trichloroethene	9.103	130	103682	53.165	ug/l	93
45) 1,2-Dichloropropane	9.373	63	93926	55.937	ug/l	98
46) Dibromomethane	9.461	93	51926	55.430	ug/l	93
47) Bromodichloromethane	9.650	83	135178	55.479	ug/l	99
48) Methyl methacrylate	9.444	41	46379	53.007	ug/l #	87
49) 1,4-Dioxane	9.456	88	11272	1060.416	ug/l	98
51) 4-Methyl-2-Pentanone	10.220	43	262843	277.981	ug/l	94
52) Toluene	10.391	92	240469	54.382	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	123519	55.901	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	145370	55.488	ug/l	90
55) 1,1,2-Trichloroethane	10.785	97	72048	56.234	ug/l	95
56) Ethyl methacrylate	10.650	69	80866	55.251	ug/l	88
57) 1,3-Dichloropropane	10.932	76	118009	55.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	91021	205.447	ug/l	91
59) 2-Hexanone	10.973	43	181791	285.153	ug/l	95
60) Dibromochloromethane	11.126	129	93103	55.956	ug/l	97
61) 1,2-Dibromoethane	11.232	107	66740	53.403	ug/l	97
64) Tetrachloroethene	10.867	164	86111	50.988	ug/l	97
65) Chlorobenzene	11.655	112	260107	51.569	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	97601	51.471	ug/l	98
67) Ethyl Benzene	11.732	91	465987	53.983	ug/l	96
68) m/p-Xylenes	11.844	106	377506	109.798	ug/l	96
69) o-Xylene	12.167	106	167822	52.900	ug/l	96
70) Styrene	12.179	104	300155	55.185	ug/l	97
71) Bromoform	12.349	173	51603	50.037	ug/l #	96
73) Isopropylbenzene	12.467	105	462414	51.227	ug/l	99
74) N-amyl acetate	12.273	43	93025	47.375	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.714	83	81340	50.453	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	100499	82.560	ug/l #	100
77) Bromobenzene	12.744	156	104901	49.051	ug/l	90
78) n-propylbenzene	12.808	91	574650	52.052	ug/l	96
79) 2-Chlorotoluene	12.891	91	325830	51.112	ug/l	98
80) 1,3,5-Trimethylbenzene	12.944	105	401712	51.800	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	23036	48.666	ug/l	88
82) 4-Chlorotoluene	12.991	91	344823	51.133	ug/l	98
83) tert-Butylbenzene	13.208	119	333455	51.046	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	393869	52.187	ug/l	99
85) sec-Butylbenzene	13.385	105	516735	52.332	ug/l	98
86) p-Isopropyltoluene	13.496	119	430935	52.893	ug/l	99
87) 1,3-Dichlorobenzene	13.496	146	216653	50.081	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	213986	49.097	ug/l	100
89) n-Butylbenzene	13.826	91	400918	51.919	ug/l	98
90) Hexachloroethane	14.091	117	82819	50.106	ug/l	97
91) 1,2-Dichlorobenzene	13.873	146	186259	49.518	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	13362	50.628	ug/l	95
93) 1,2,4-Trichlorobenzene	15.138	180	114317	49.797	ug/l	98
94) Hexachlorobutadiene	15.249	225	63288	49.125	ug/l	98
95) Naphthalene	15.379	128	202681	44.045	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	98553	49.225	ug/l	98

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QLast Update : Tue Aug 23 13:12:17 2022
Response via : Initial Calibration

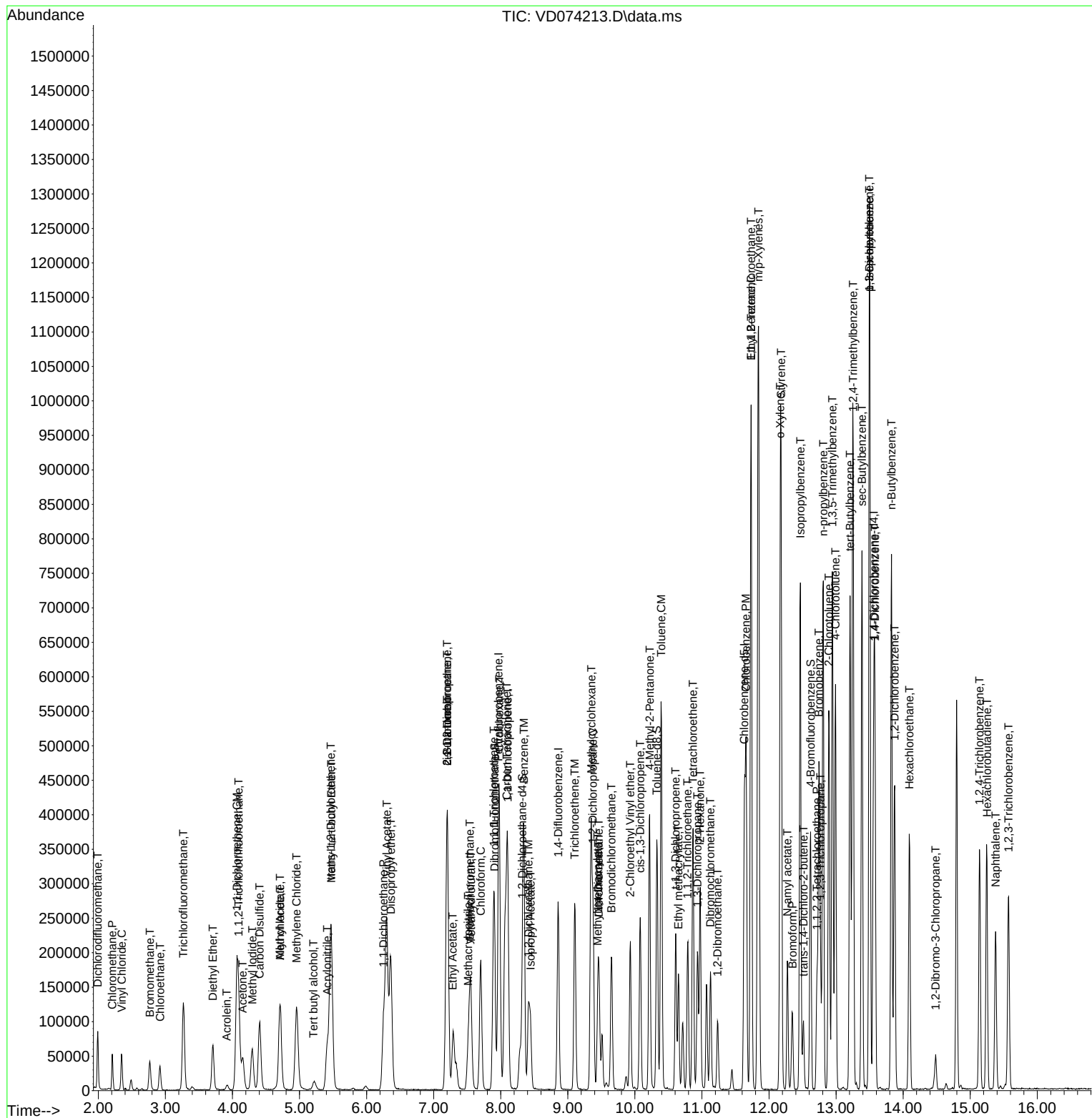
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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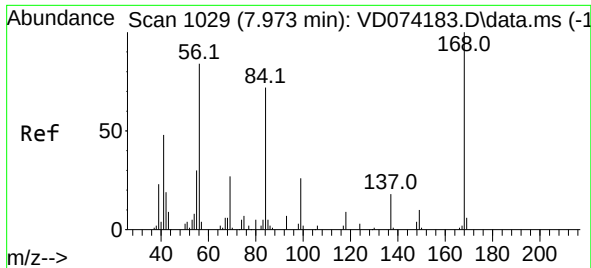
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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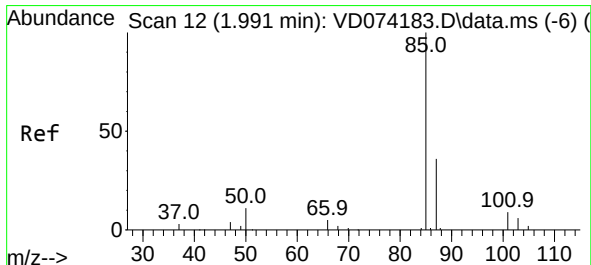
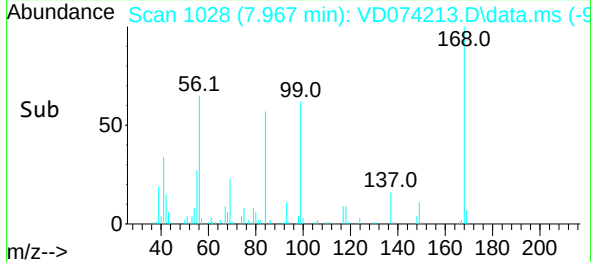
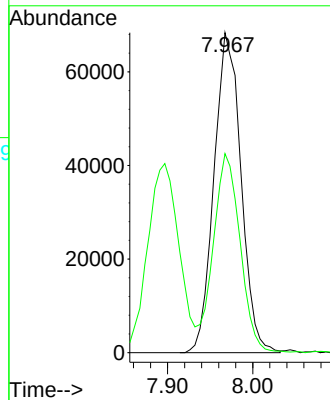
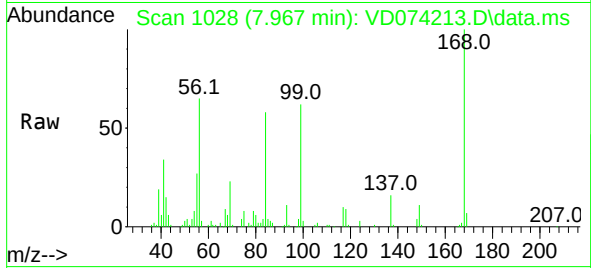




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

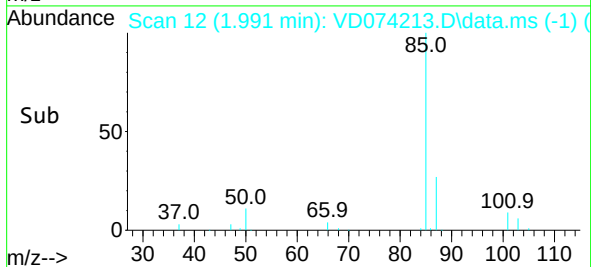
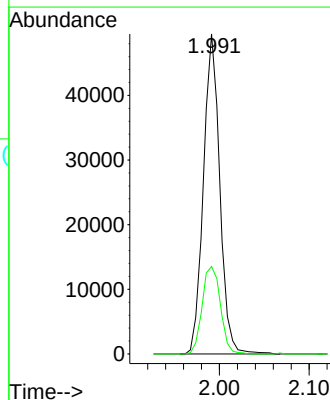
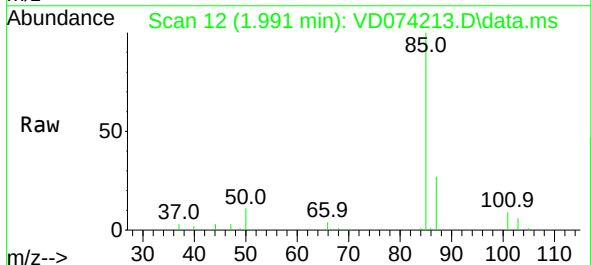
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

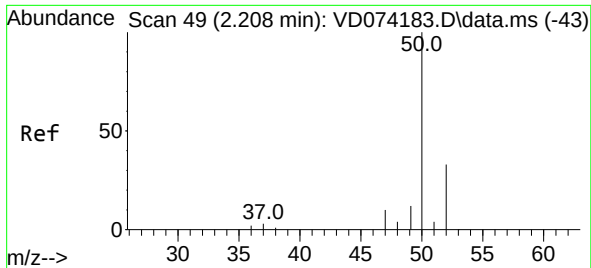
Tgt Ion:168 Resp: 150571
Ion Ratio Lower Upper
168 100
99 61.7 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 49.601 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 85 Resp: 62672
Ion Ratio Lower Upper
85 100
87 27.3 15.7 47.0

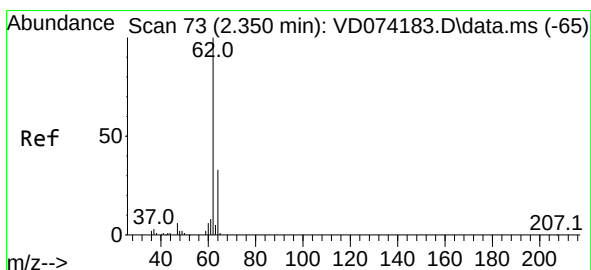
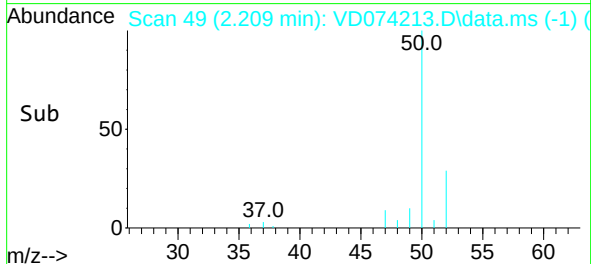
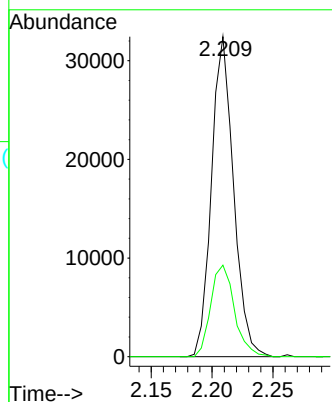
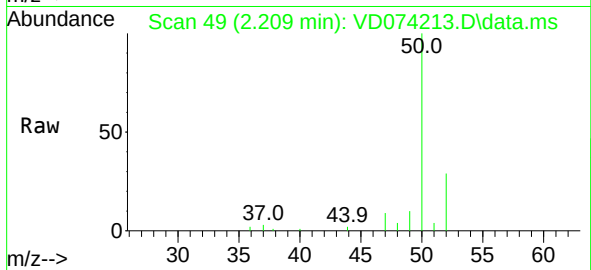




#3
Chloromethane
Concen: 45.460 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

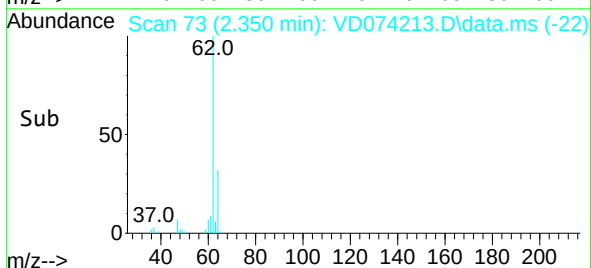
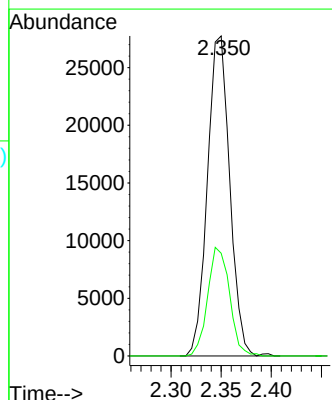
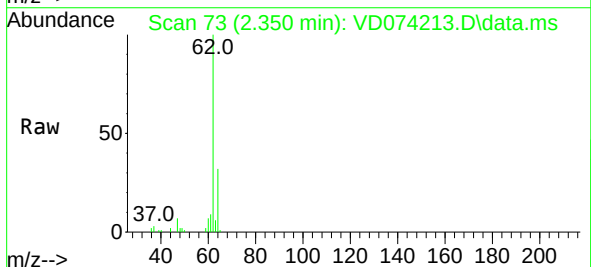
Instrument :
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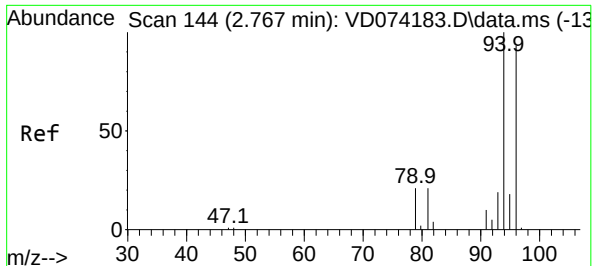
Tgt Ion: 50 Resp: 40925
Ion Ratio Lower Upper
50 100
52 28.6 27.4 41.0



#4
Vinyl Chloride
Concen: 45.546 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 62 Resp: 43044
Ion Ratio Lower Upper
62 100
64 32.1 25.4 38.0

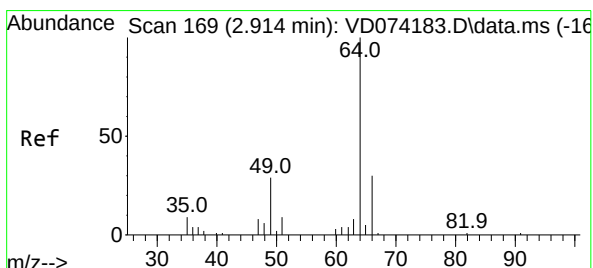
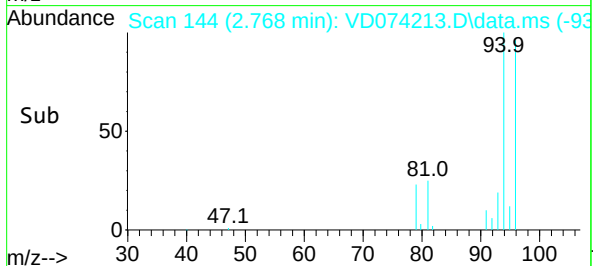
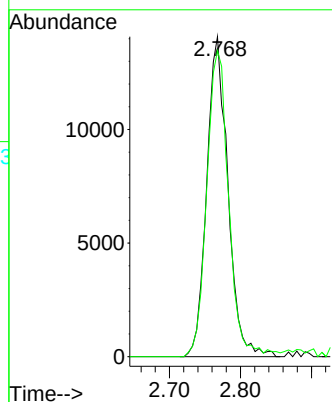
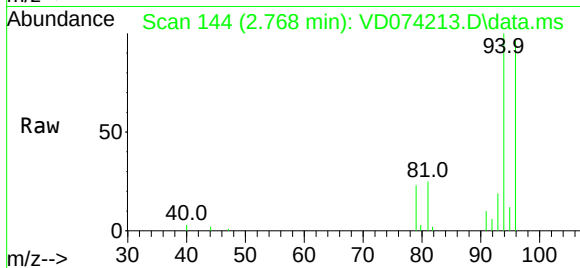




#5
Bromomethane
Concen: 47.754 ug/l
RT: 2.768 min Scan# 14
Delta R.T. 0.001 min
Lab File: VD074213.D
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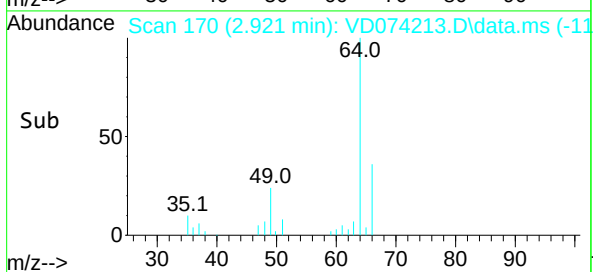
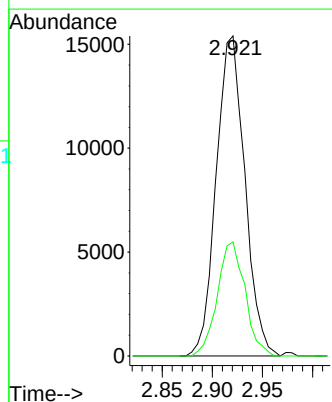
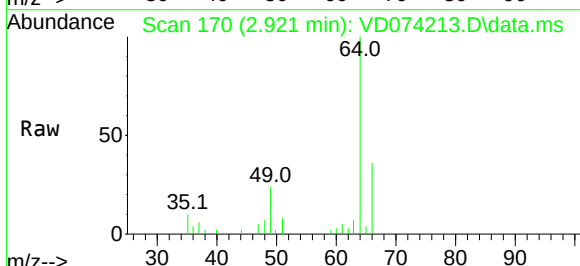
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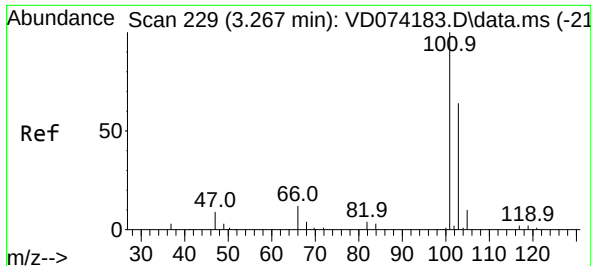
Tgt Ion: 94 Resp: 29146
Ion Ratio Lower Upper
94 100
96 95.6 77.6 116.4



#6
Chloroethane
Concen: 49.810 ug/l
RT: 2.921 min Scan# 170
Delta R.T. 0.007 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 64 Resp: 30549
Ion Ratio Lower Upper
64 100
66 35.7 25.9 38.9

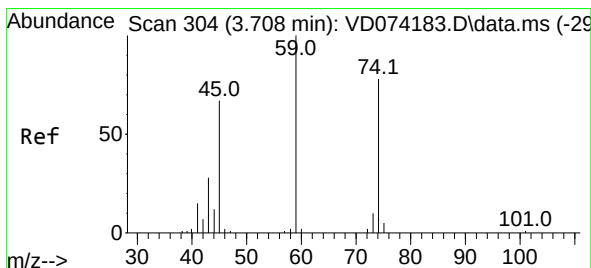
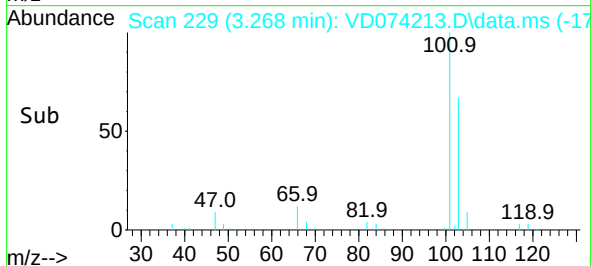
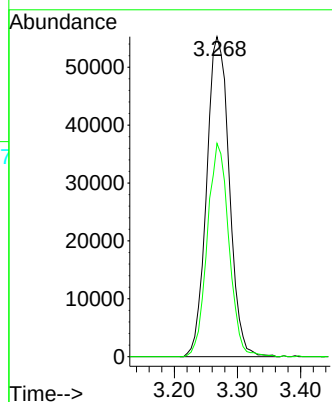
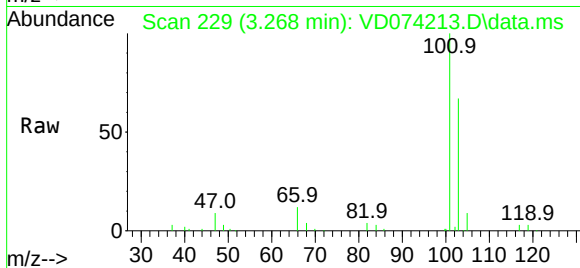




#7
 Trichlorofluoromethane
 Concen: 50.121 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

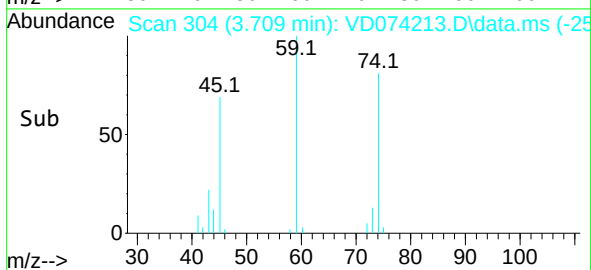
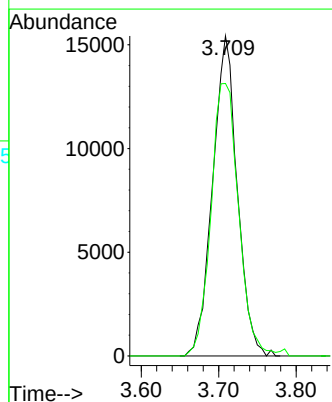
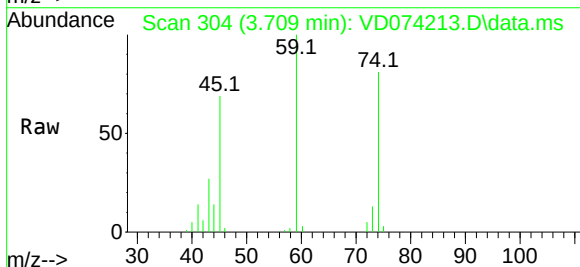
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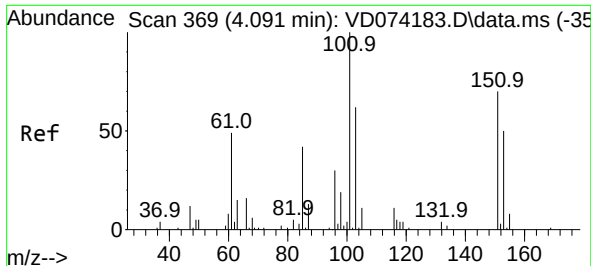
Tgt Ion:101 Resp: 137607
 Ion Ratio Lower Upper
 101 100
 103 66.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 46.335 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. 0.001 min
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Tgt Ion: 74 Resp: 34185
 Ion Ratio Lower Upper
 74 100
 45 95.2 52.6 157.8

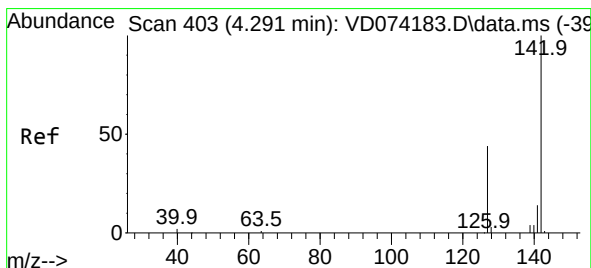
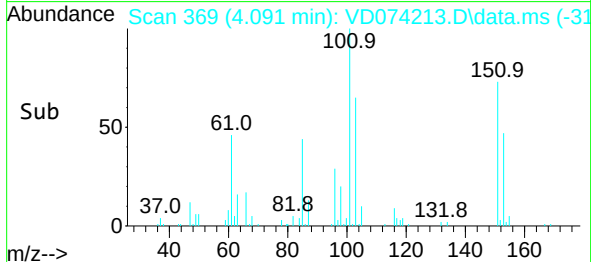
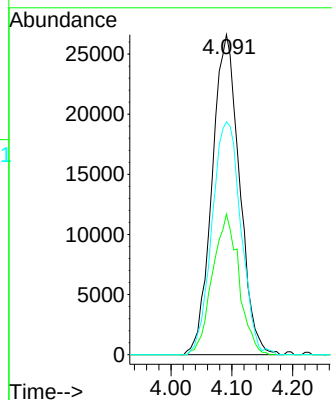
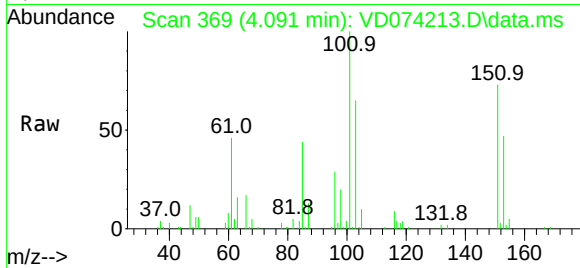




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.085 ug/l
RT: 4.091 min Scan# 369
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

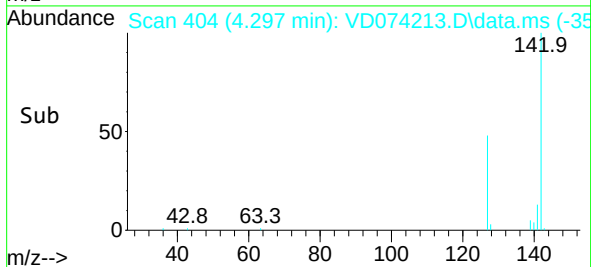
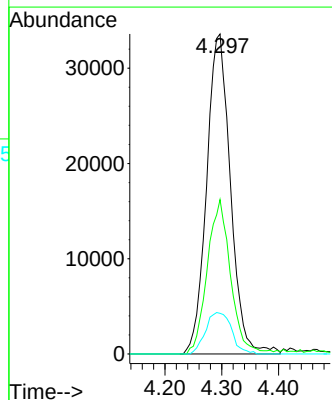
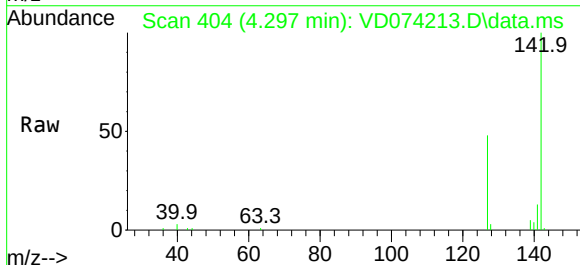
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

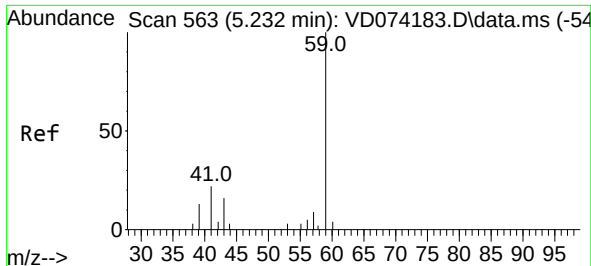
Tgt Ion:101 Resp: 83202
Ion Ratio Lower Upper
101 100
85 42.4 36.4 54.6
151 76.9 57.3 85.9



#10
Methyl Iodide
Concen: 48.693 ug/l
RT: 4.297 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:142 Resp: 97881
Ion Ratio Lower Upper
142 100
127 47.1 37.3 55.9
141 14.1 11.7 17.5

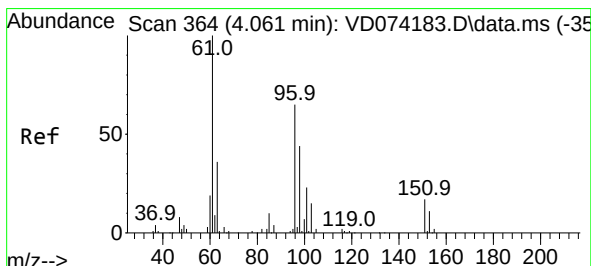
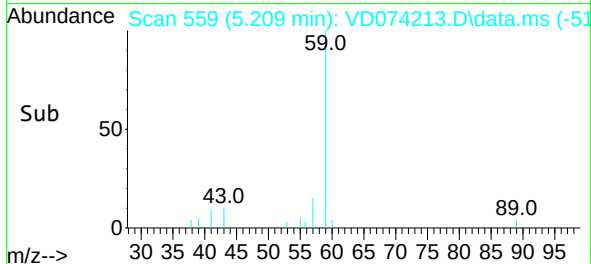
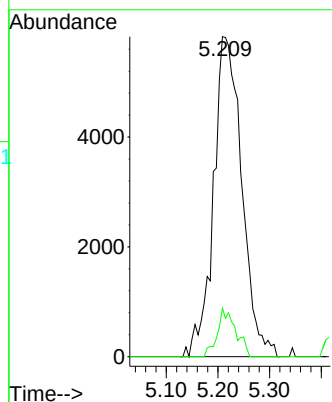
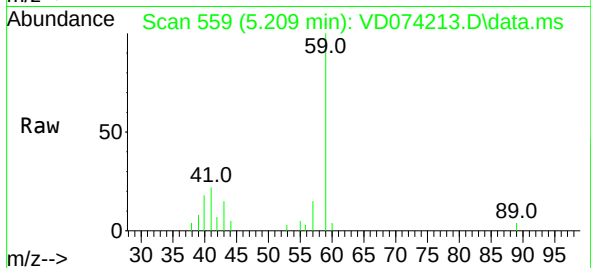




#11
Tert butyl alcohol
Concen: 231.473 ug/l
RT: 5.209 min Scan# 51
Delta R.T. -0.023 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

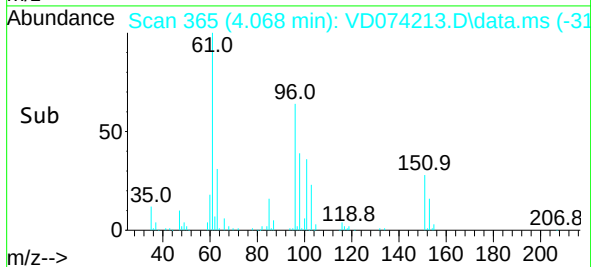
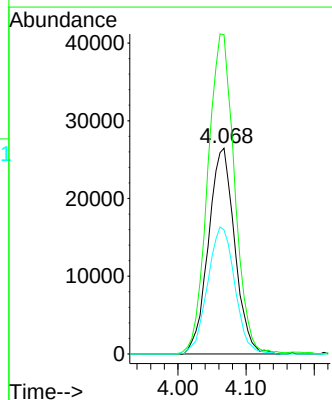
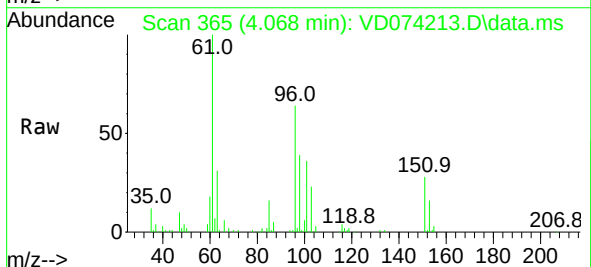
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

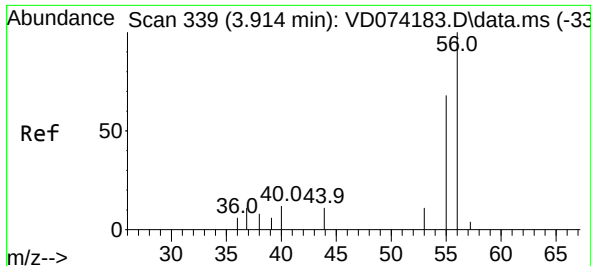
Tgt Ion: 59 Resp: 22178
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.6



#12
1,1-Dichloroethene
Concen: 47.828 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.007 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 96 Resp: 71056
Ion Ratio Lower Upper
96 100
61 155.3 138.5 207.7
98 60.2 48.6 73.0

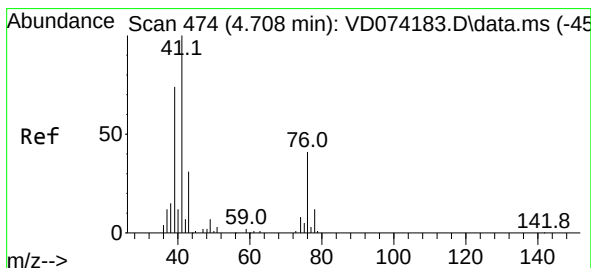
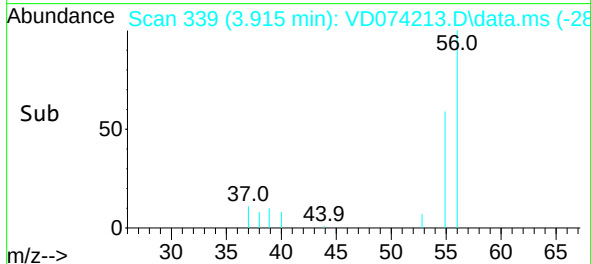
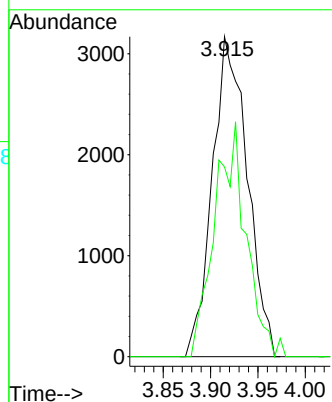
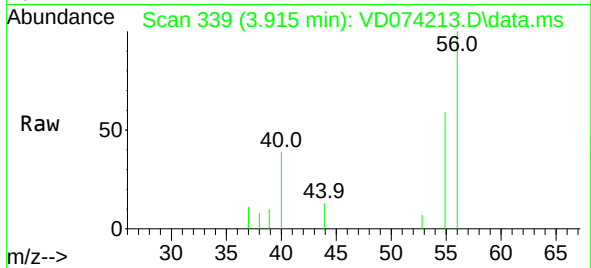




#13
Acrolein
Concen: 208.871 ug/l
RT: 3.915 min Scan# 311
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

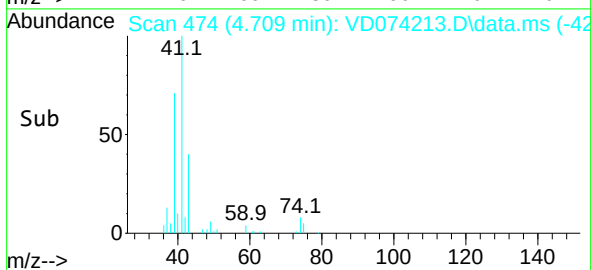
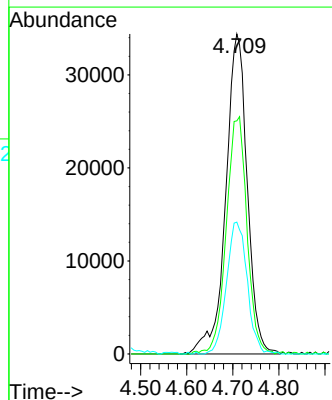
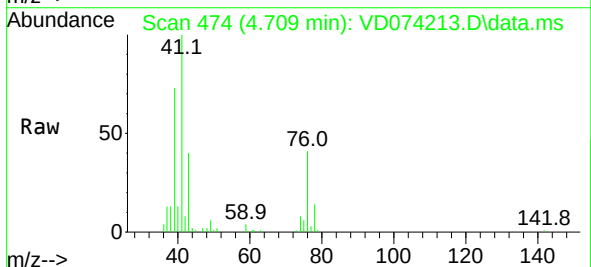
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

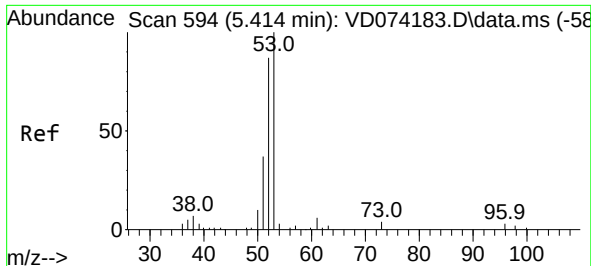
Tgt Ion: 56 Resp: 8139
Ion Ratio Lower Upper
56 100
55 66.1 57.1 85.7



#14
Allyl chloride
Concen: 47.816 ug/l
RT: 4.709 min Scan# 474
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 41 Resp: 111215
Ion Ratio Lower Upper
41 100
39 71.4 59.3 88.9
76 39.7 25.7 38.5

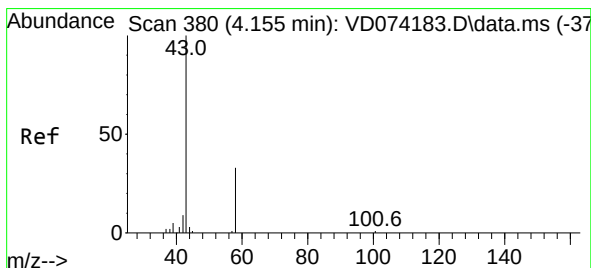
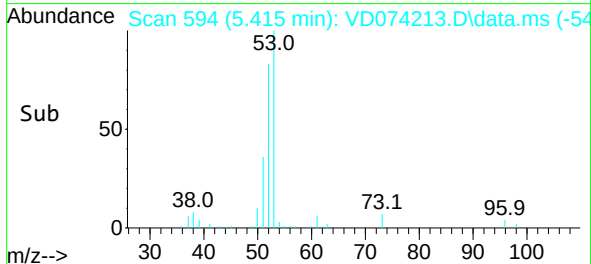
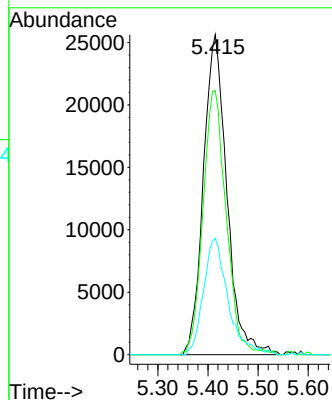
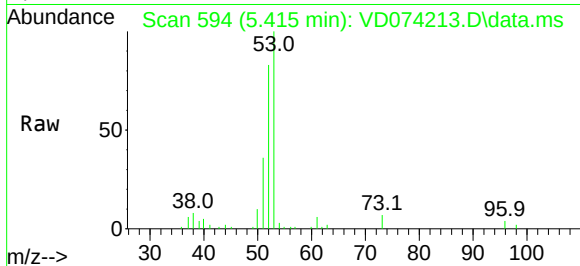




#15
Acrylonitrile
Concen: 243.228 ug/l
RT: 5.415 min Scan# 594
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

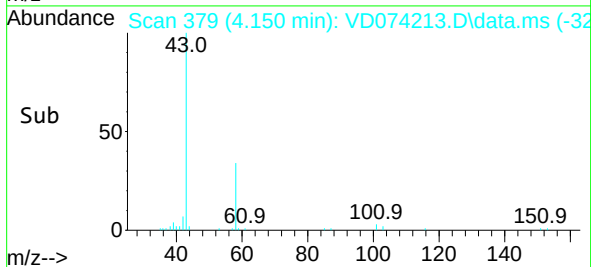
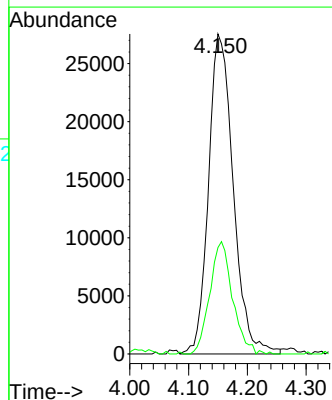
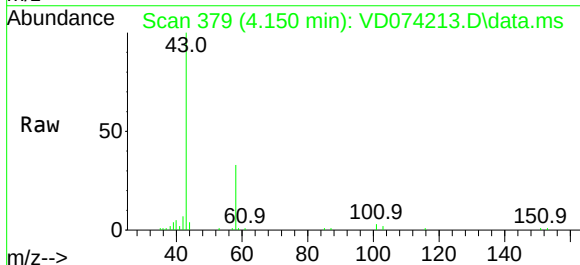
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

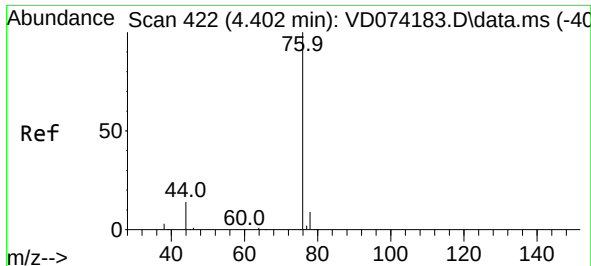
Tgt Ion: 53 Resp: 83438
Ion Ratio Lower Upper
53 100
52 81.9 67.2 100.8
51 37.8 30.3 45.5



#16
Acetone
Concen: 274.380 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 43 Resp: 80430
Ion Ratio Lower Upper
43 100
58 33.2 22.1 33.1#

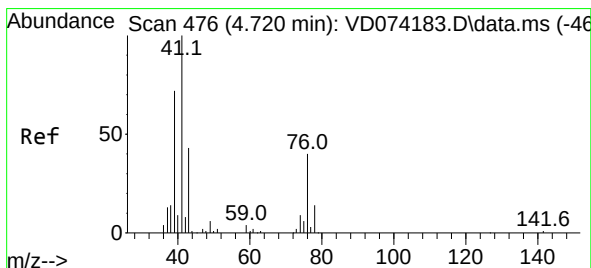
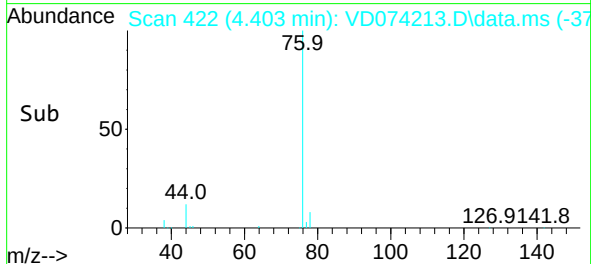
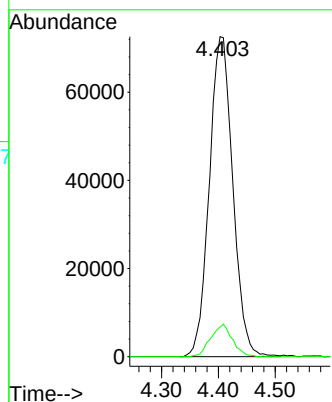
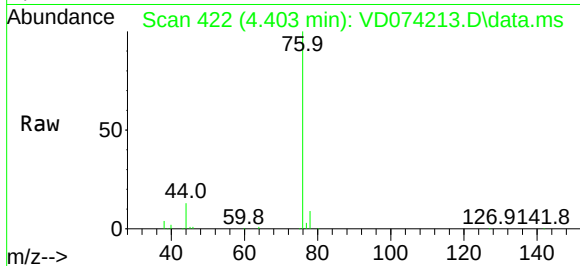




#17
Carbon Disulfide
Concen: 43.735 ug/l
RT: 4.403 min Scan# 41
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

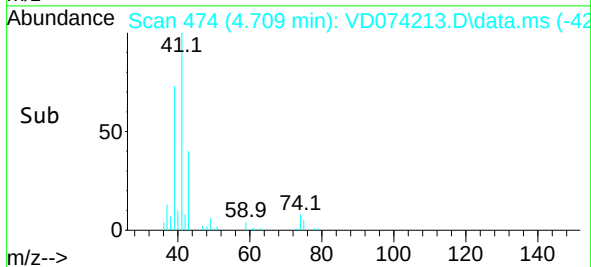
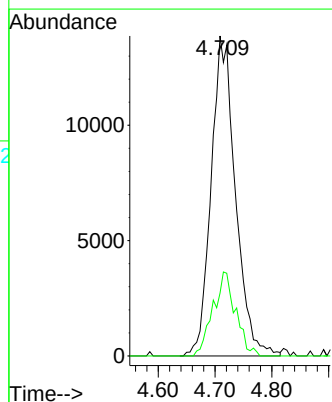
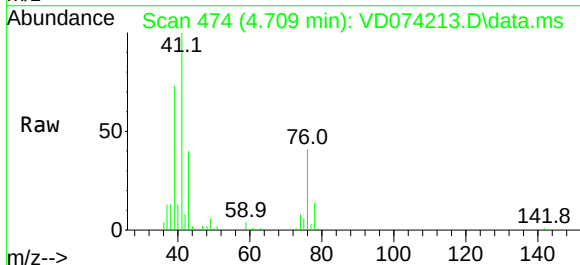
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

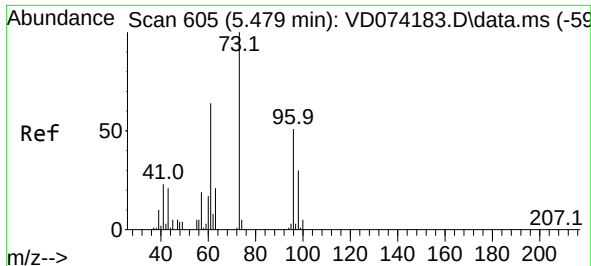
Tgt Ion: 76 Resp: 208317
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 47.648 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.011 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 43 Resp: 41294
Ion Ratio Lower Upper
43 100
74 24.4 16.7 25.1

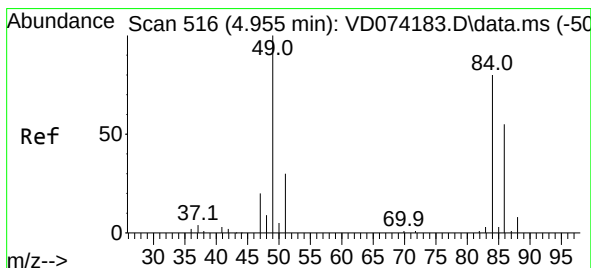
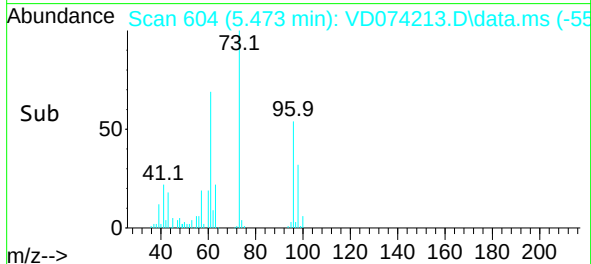
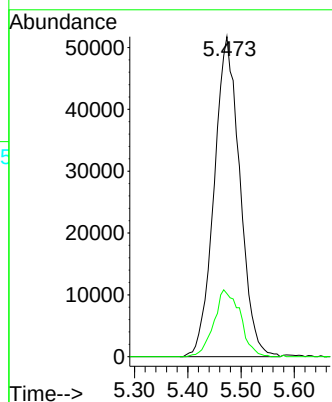
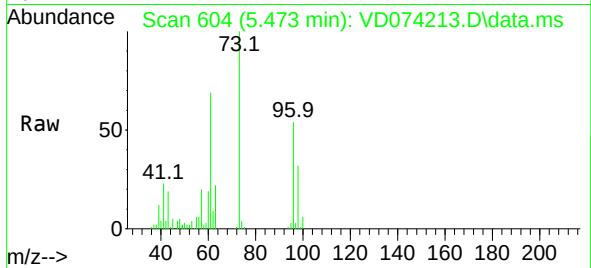




#19
Methyl tert-butyl Ether
Concen: 48.738 ug/l
RT: 5.473 min Scan# 605
Delta R.T. -0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

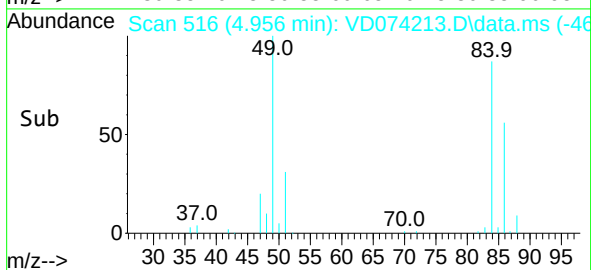
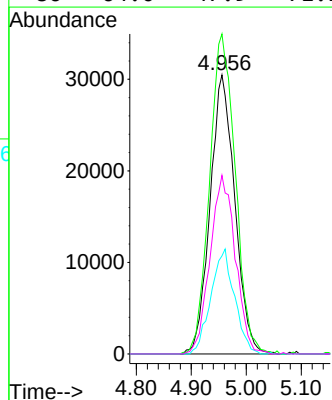
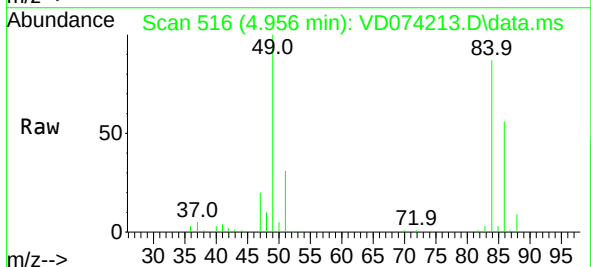
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

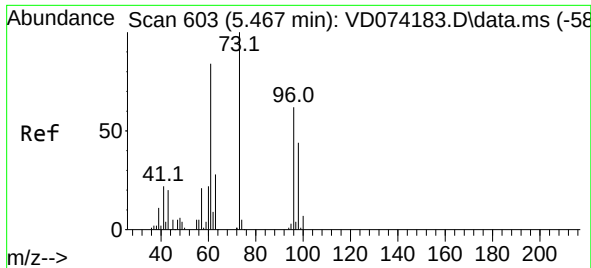
Tgt Ion: 73 Resp: 173401
Ion Ratio Lower Upper
73 100
57 19.7 18.0 27.0



#20
Methylene Chloride
Concen: 50.969 ug/l
RT: 4.956 min Scan# 516
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 84 Resp: 95285
Ion Ratio Lower Upper
84 100
49 114.7 112.8 169.2
51 35.2 32.6 48.8
86 64.0 47.9 71.9

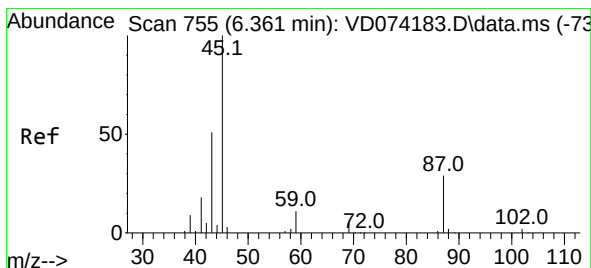
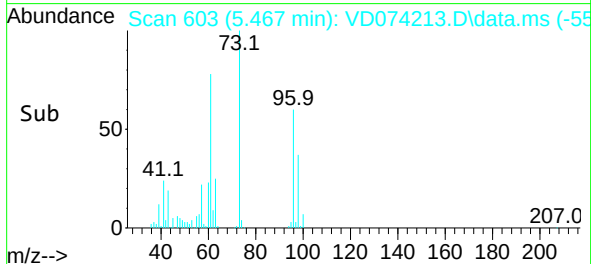
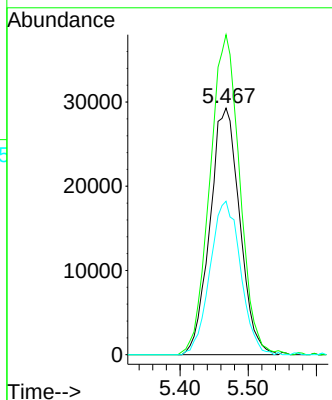
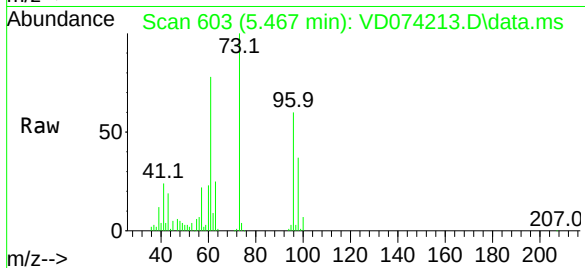




#21
trans-1,2-Dichloroethene
Concen: 51.133 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

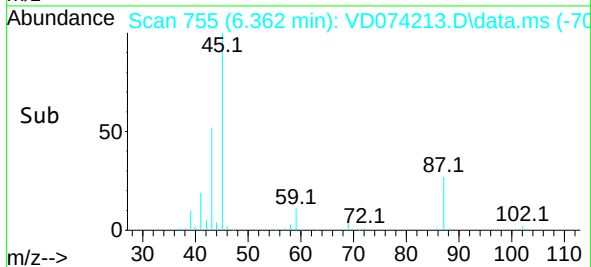
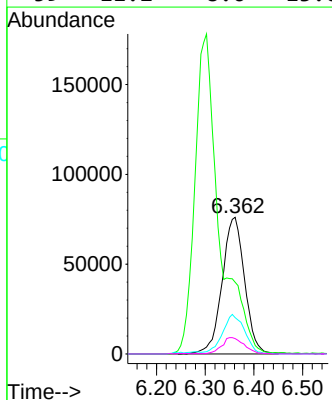
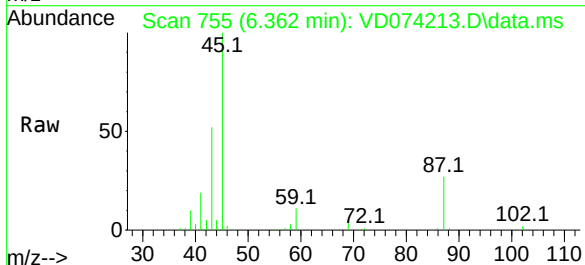
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

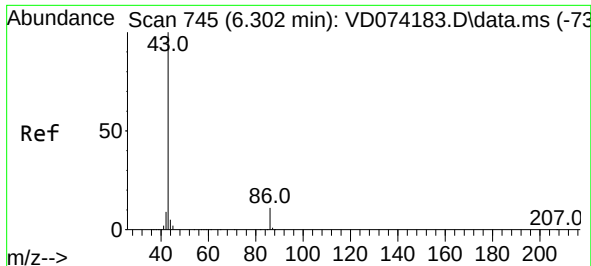
Tgt Ion: 96 Resp: 88827
Ion Ratio Lower Upper
96 100
61 129.8 117.9 176.9
98 62.3 49.4 74.2



#22
Diisopropyl ether
Concen: 51.188 ug/l
RT: 6.362 min Scan# 755
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 45 Resp: 244169
Ion Ratio Lower Upper
45 100
43 51.8 46.6 70.0
87 26.6 18.4 27.6
59 11.2 8.6 13.0

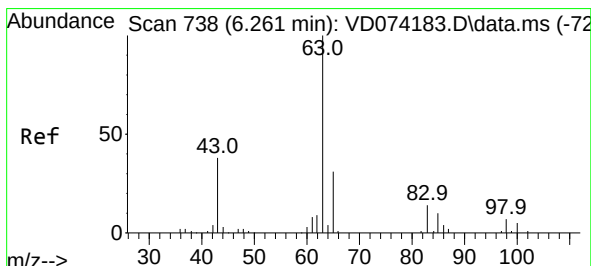
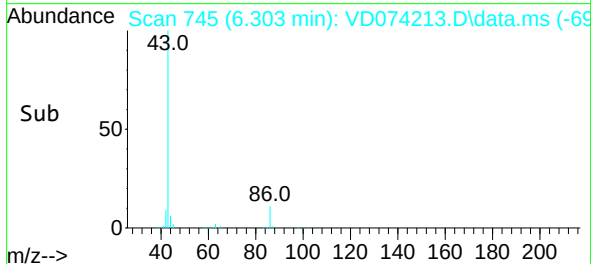
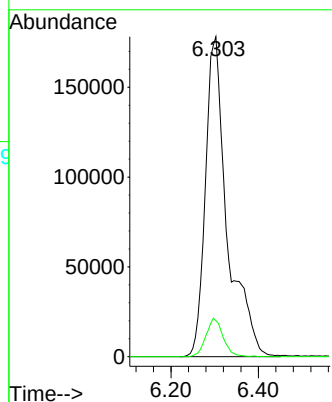
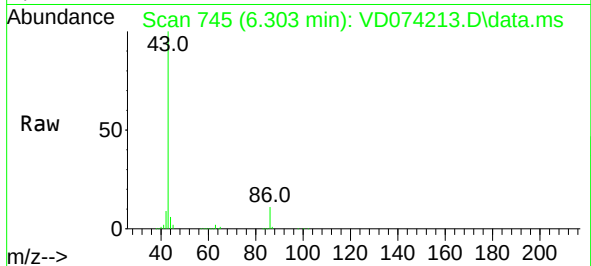




#23
 Vinyl Acetate
 Concen: 231.100 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. 0.001 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

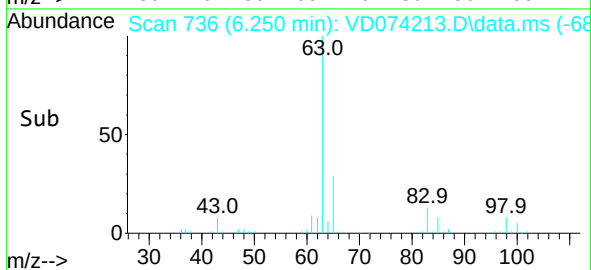
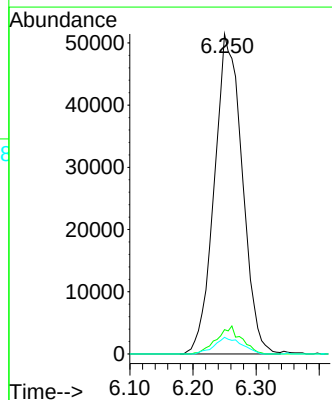
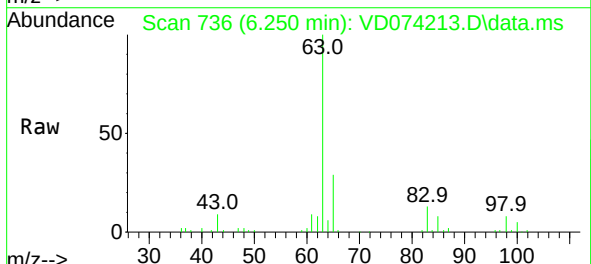
Instrument :
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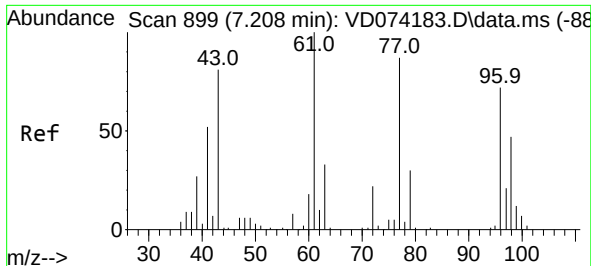
Tgt Ion: 43 Resp: 619540
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 50.119 ug/l
 RT: 6.250 min Scan# 736
 Delta R.T. -0.011 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

Tgt Ion: 63 Resp: 157613
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.6 10.9
 100 5.2 2.1 6.5

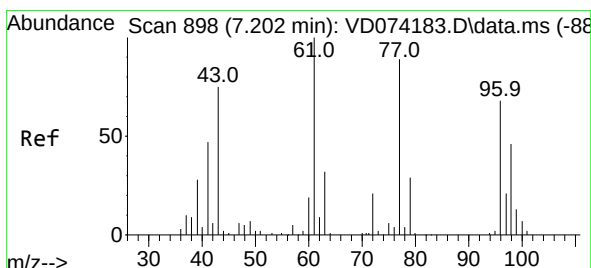
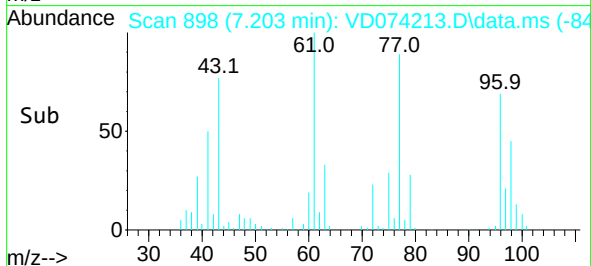
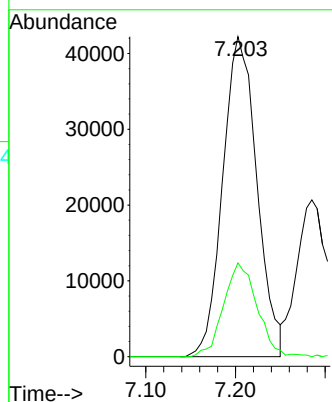
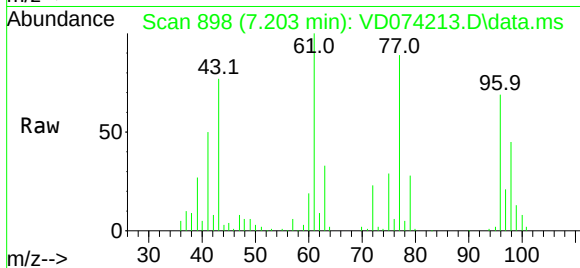




#25
2-Butanone
Concen: 246.052 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

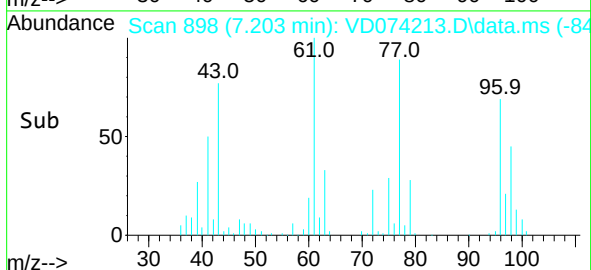
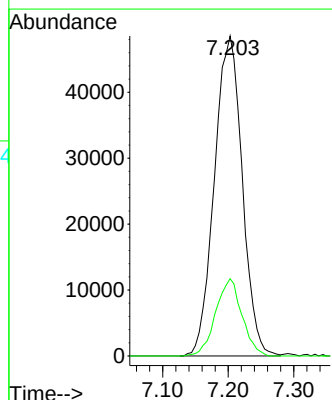
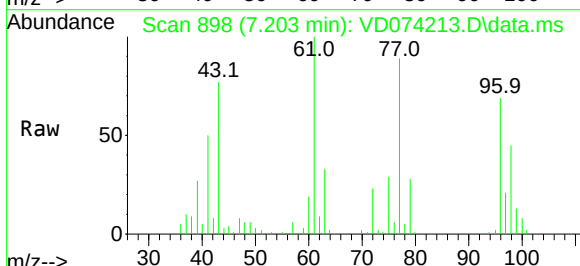
Instrument :
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ClientSampleId :
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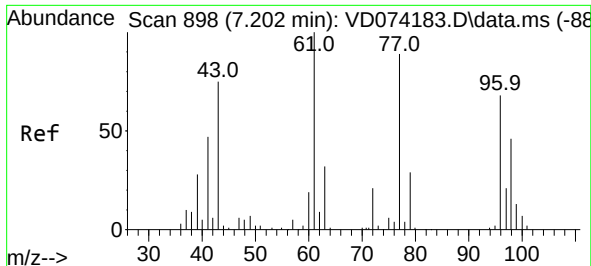
Tgt Ion: 43 Resp: 111657
Ion Ratio Lower Upper
43 100
72 29.3 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 50.563 ug/l
RT: 7.203 min Scan# 898
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 77 Resp: 143271
Ion Ratio Lower Upper
77 100
97 22.7 10.8 32.4

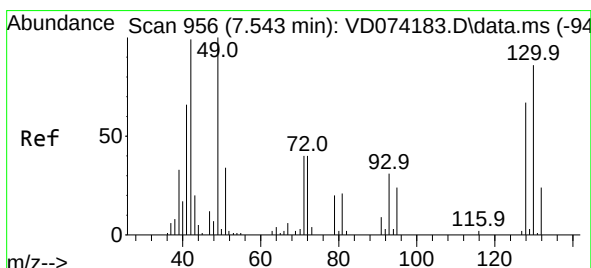
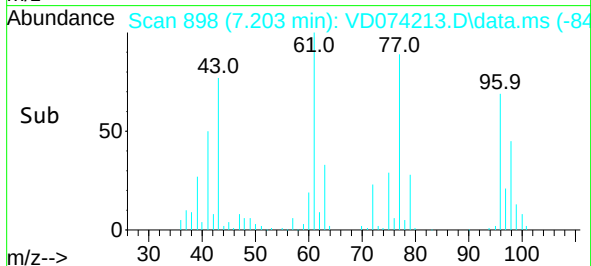
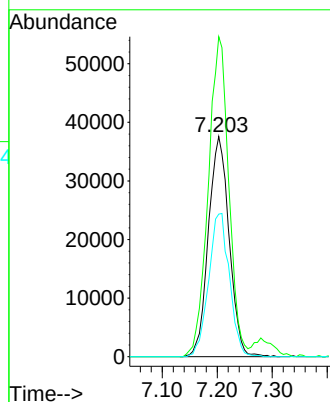
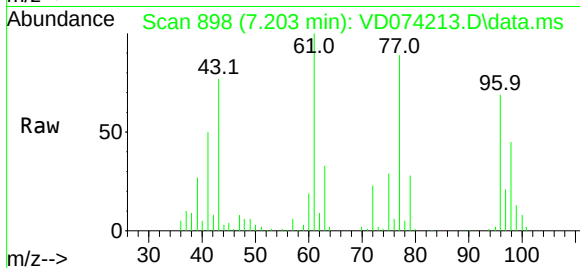




#27
 cis-1,2-Dichloroethene
 Concen: 50.406 ug/l
 RT: 7.203 min Scan# 898
 Delta R.T. 0.001 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

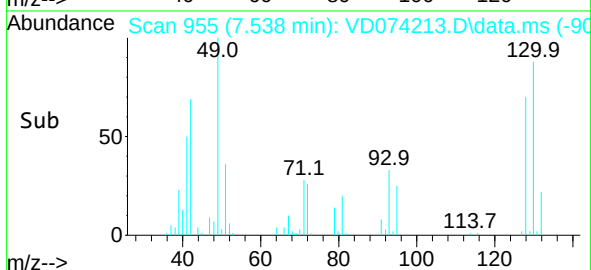
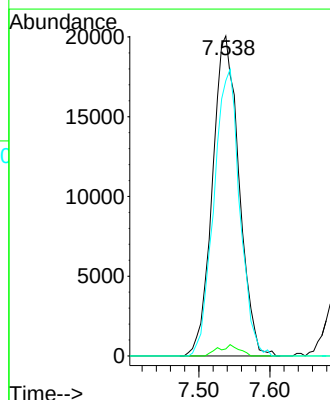
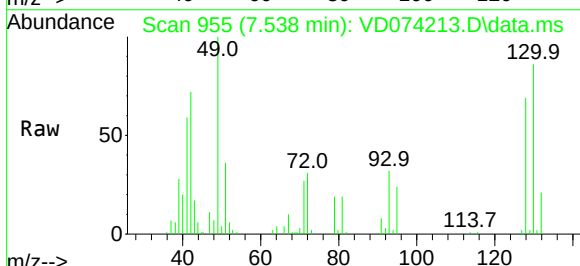
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

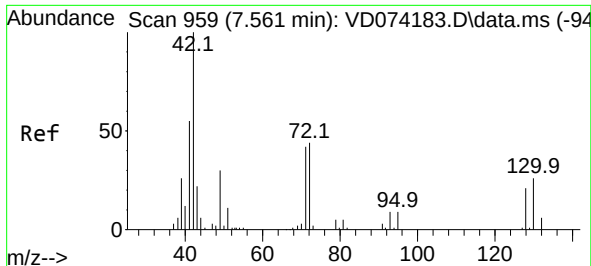
Tgt Ion: 96 Resp: 98402
 Ion Ratio Lower Upper
 96 100
 61 143.8 0.0 313.8
 98 65.4 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.765 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.005 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

Tgt Ion: 49 Resp: 52058
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.0
 130 87.1 52.6 79.0#





#29

Tetrahydrofuran

Concen: 260.836 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

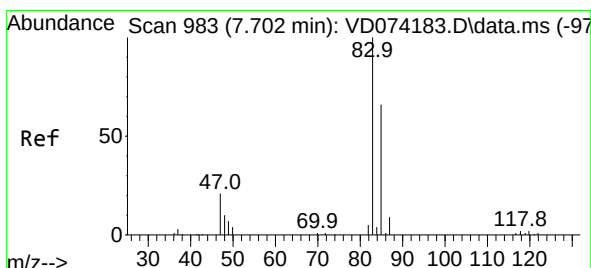
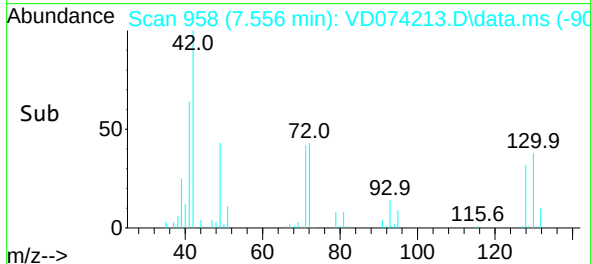
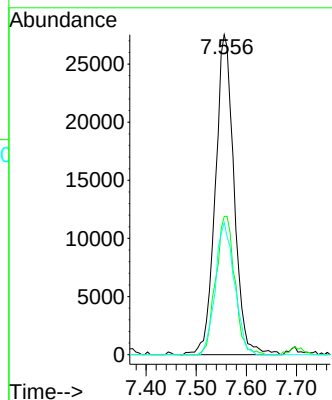
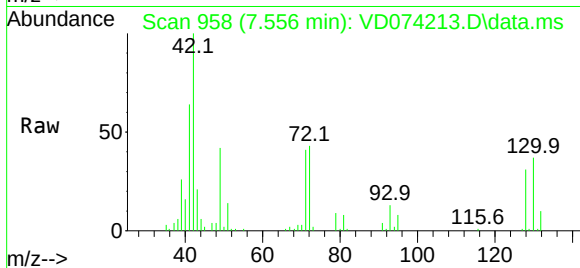
Tgt Ion: 42 Resp: 71433

Ion Ratio Lower Upper

42 100

72 43.9 30.7 46.1

71 41.7 28.6 43.0



#30

Chloroform

Concen: 53.681 ug/l

RT: 7.703 min Scan# 983

Delta R.T. 0.001 min

Lab File: VD074213.D

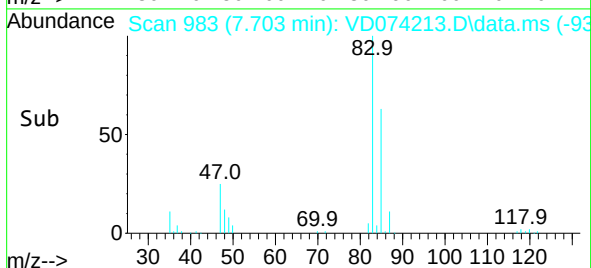
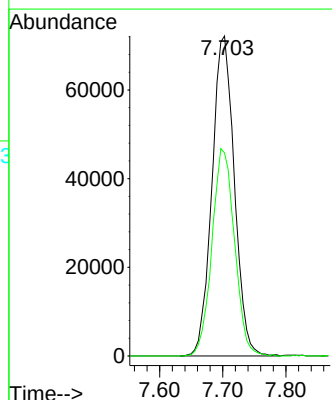
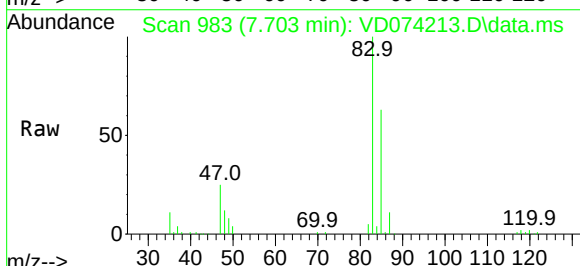
Acq: 24 Aug 2022 09:46

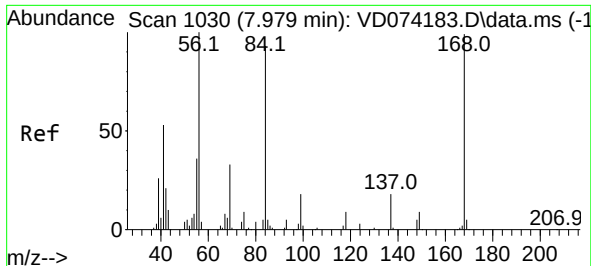
Tgt Ion: 83 Resp: 177990

Ion Ratio Lower Upper

83 100

85 63.5 52.7 79.1





#31

Cyclohexane

Concen: 49.682 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

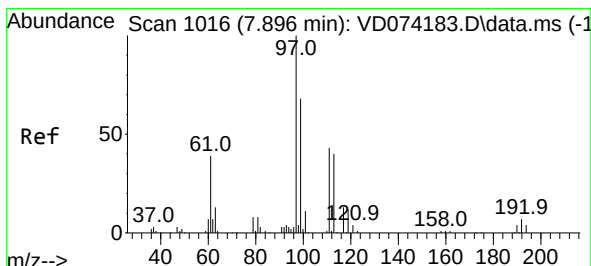
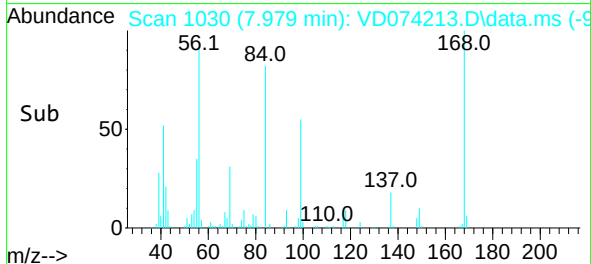
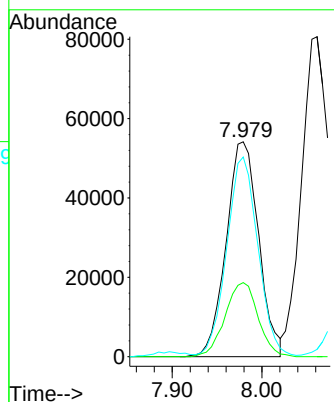
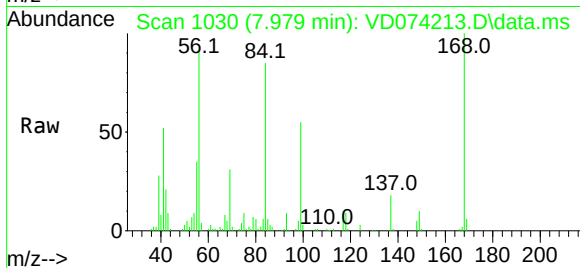
Tgt Ion: 56 Resp: 136060

Ion Ratio Lower Upper

56 100

69 34.4 25.4 38.2

84 91.4 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 52.290 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

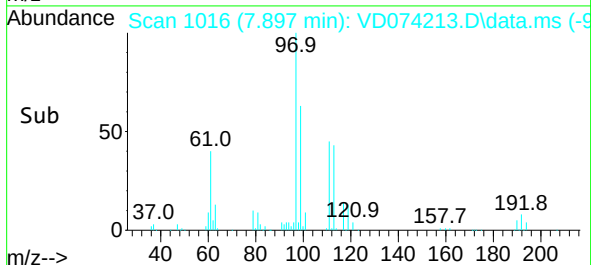
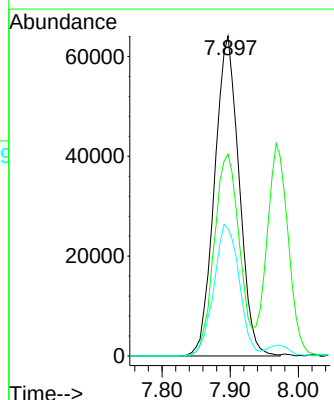
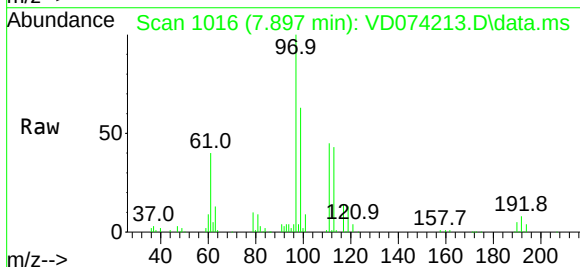
Tgt Ion: 97 Resp: 160665

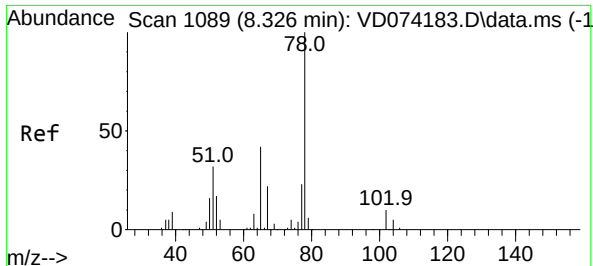
Ion Ratio Lower Upper

97 100

99 64.4 52.4 78.6

61 42.4 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 47.006 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

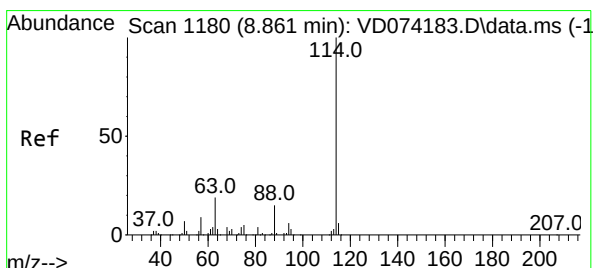
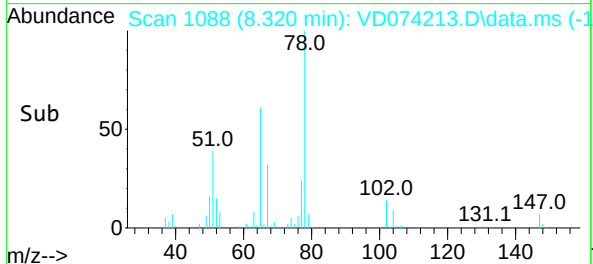
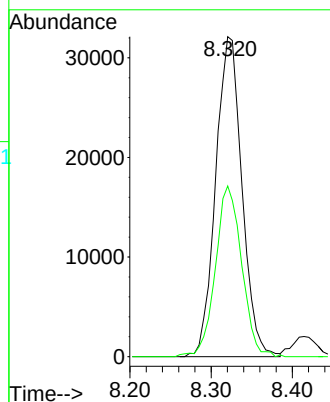
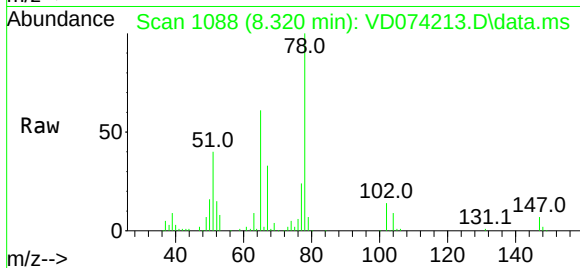
VSTDCCC050

Tgt Ion: 65 Resp: 72324

Ion Ratio Lower Upper

65 100

67 53.3 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

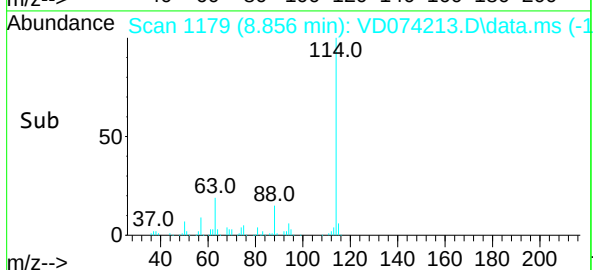
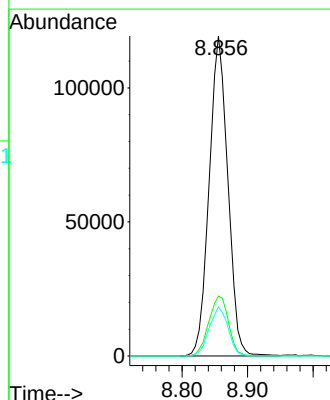
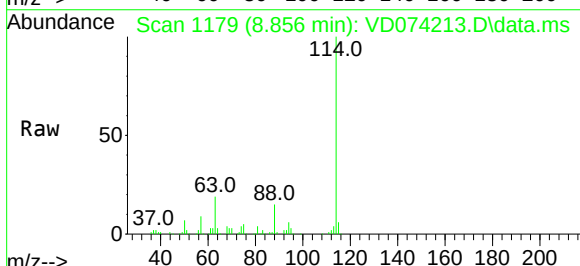
Tgt Ion: 114 Resp: 236047

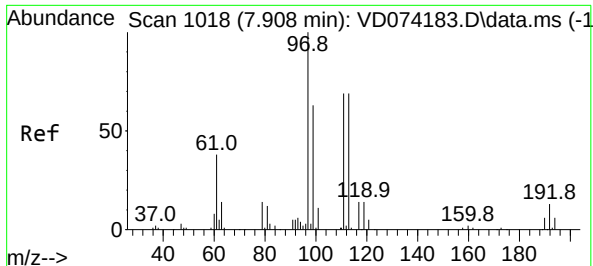
Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.519 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

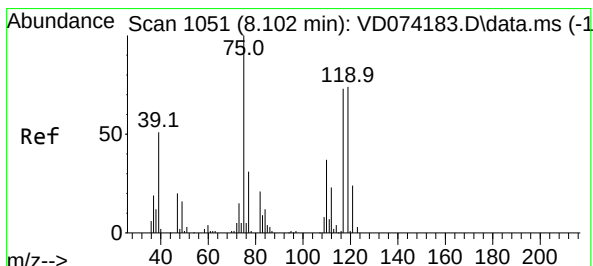
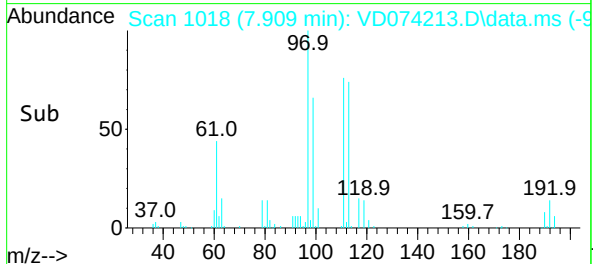
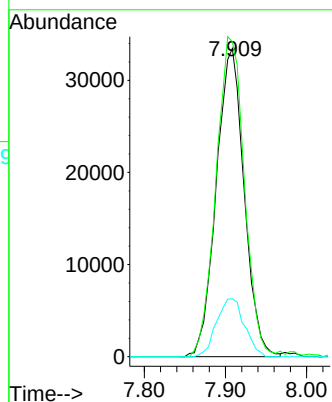
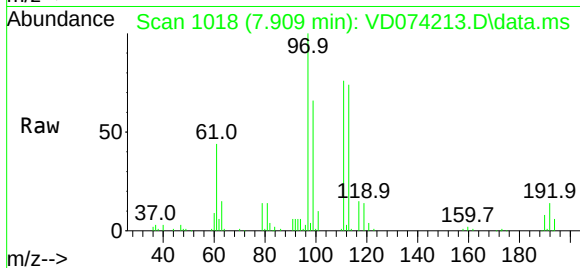
Tgt Ion:113 Resp: 79763

Ion Ratio Lower Upper

113 100

111 105.4 83.8 125.6

192 18.8 14.6 21.8



#36

1,1-Dichloropropene

Concen: 54.715 ug/l

RT: 8.103 min Scan# 1051

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

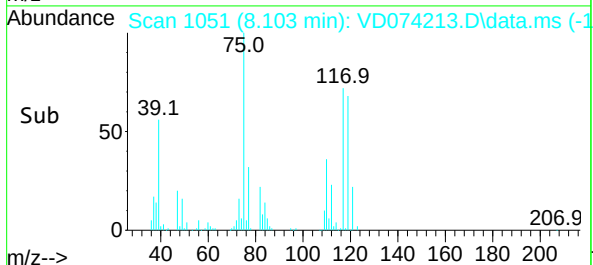
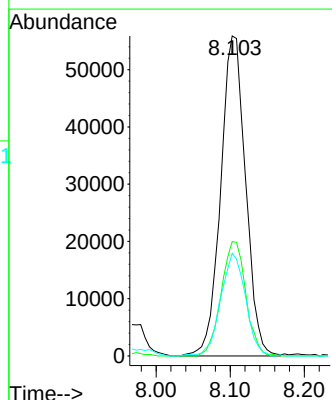
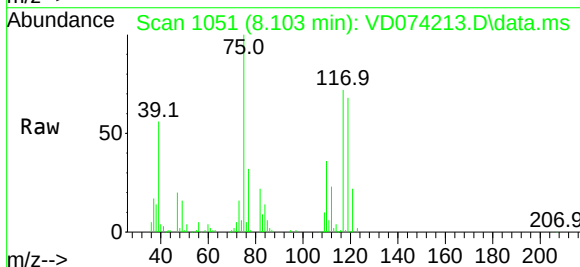
Tgt Ion: 75 Resp: 130570

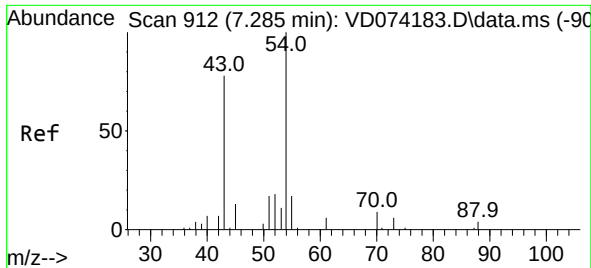
Ion Ratio Lower Upper

75 100

110 35.3 16.4 49.1

77 32.1 24.2 36.2

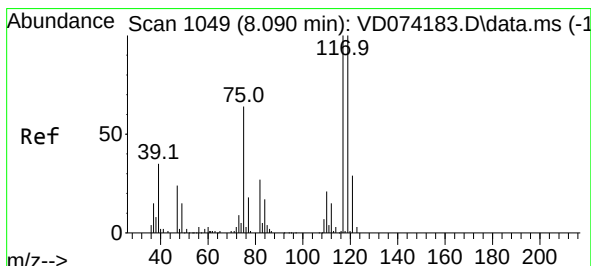
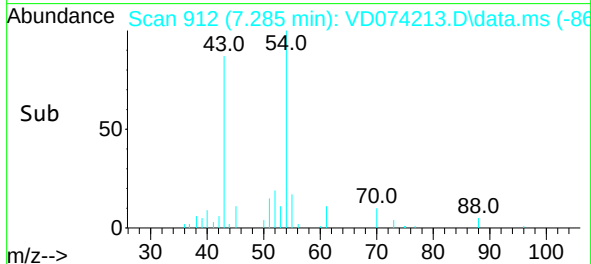
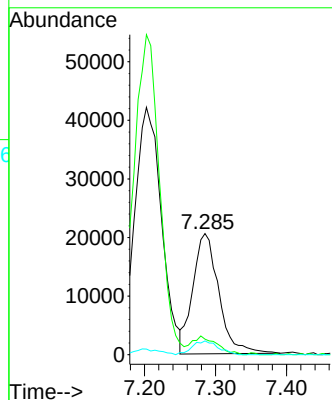
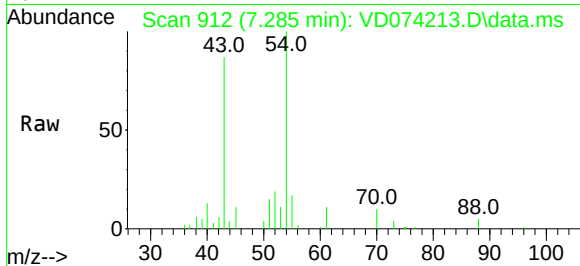




#37
Ethyl Acetate
Concen: 55.434 ug/l
RT: 7.285 min Scan# 912
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

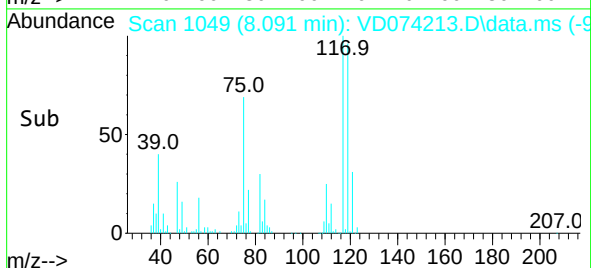
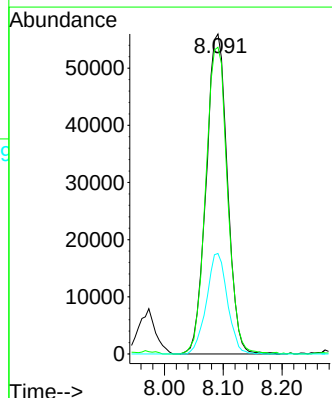
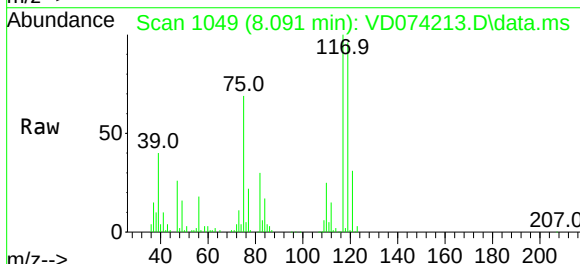
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

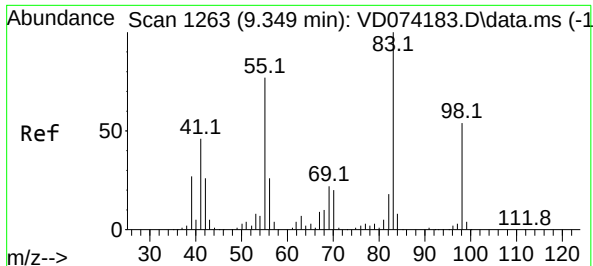
Tgt Ion: 43 Resp: 52157
Ion Ratio Lower Upper
43 100
61 14.8 9.8 14.8#
70 11.3 6.9 10.3#



#38
Carbon Tetrachloride
Concen: 54.748 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 117 Resp: 140347
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.6
121 31.4 24.5 36.7





#39

Methylcyclohexane

Concen: 49.233 ug/l

RT: 9.350 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

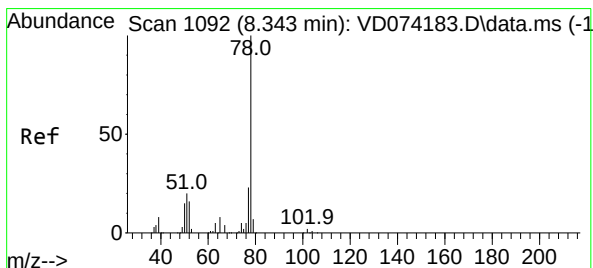
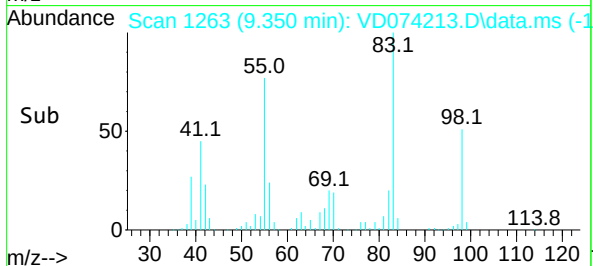
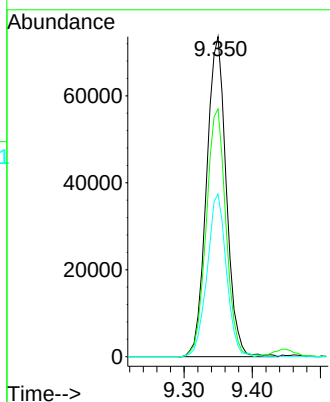
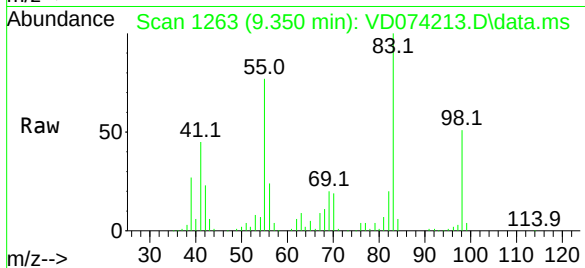
Tgt Ion: 83 Resp: 148307

Ion Ratio Lower Upper

83 100

55 77.4 63.2 94.8

98 50.8 38.2 57.4



#40

Benzene

Concen: 55.447 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. 0.001 min

Lab File: VD074213.D

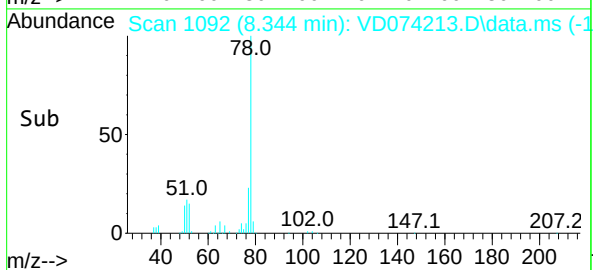
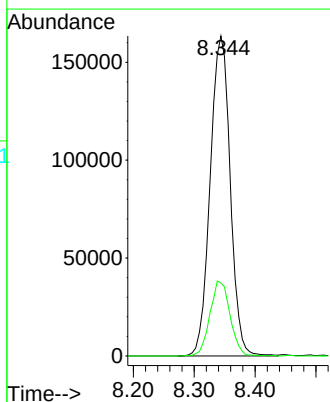
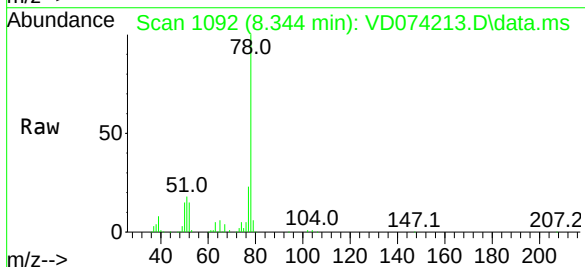
Acq: 24 Aug 2022 09:46

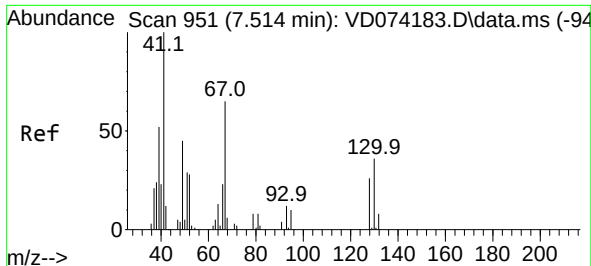
Tgt Ion: 78 Resp: 372974

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7

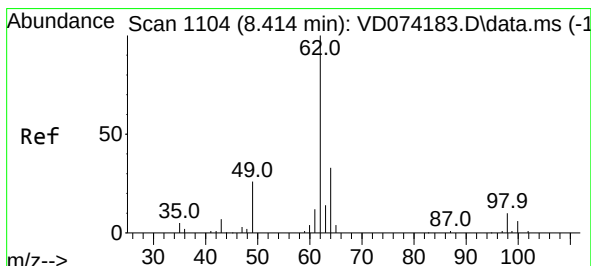
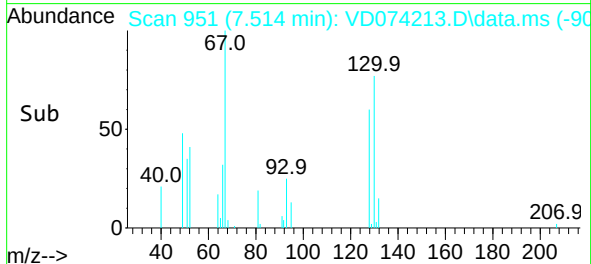
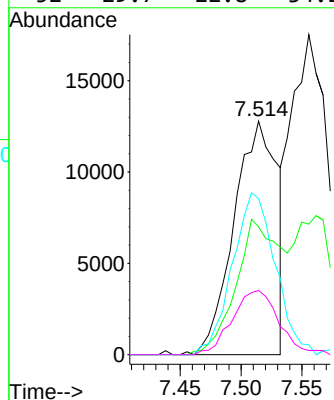
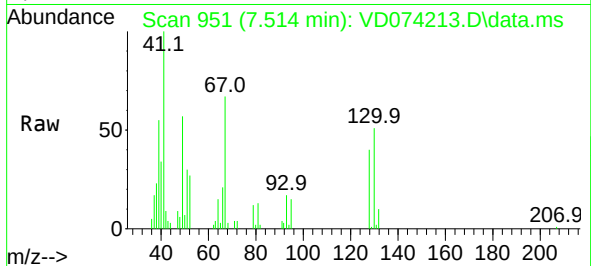




#41
Methacrylonitrile
Concen: 55.899 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

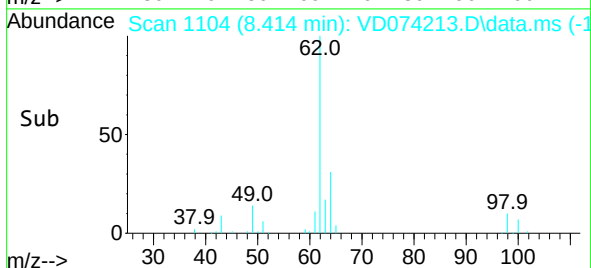
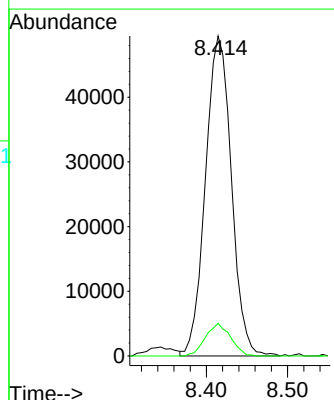
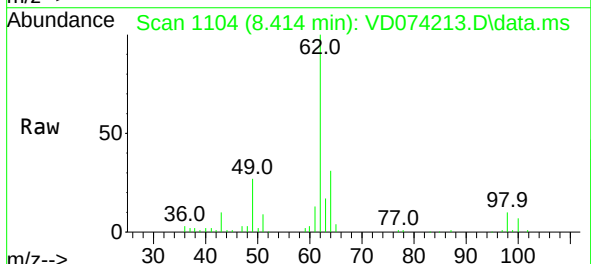
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

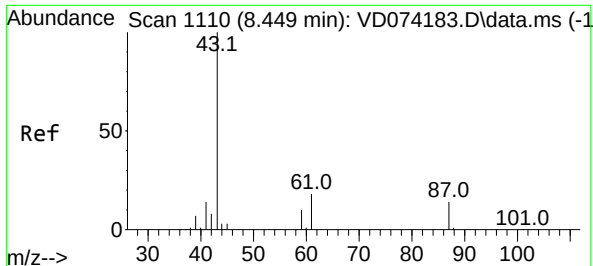
Tgt Ion: 41 Resp: 31616
Ion Ratio Lower Upper
41 100
39 60.8 44.6 67.0
67 69.0 48.2 72.4
52 29.7 22.8 34.2



#42
1,2-Dichloroethane
Concen: 55.432 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 62 Resp: 109911
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 51.641 ug/l

RT: 8.444 min Scan# 1110

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

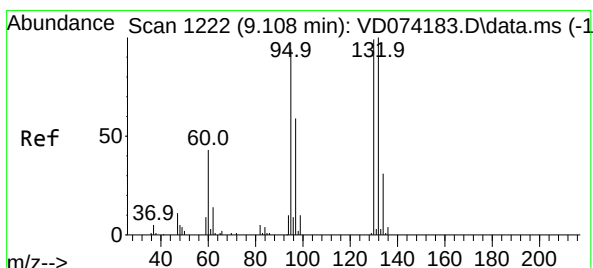
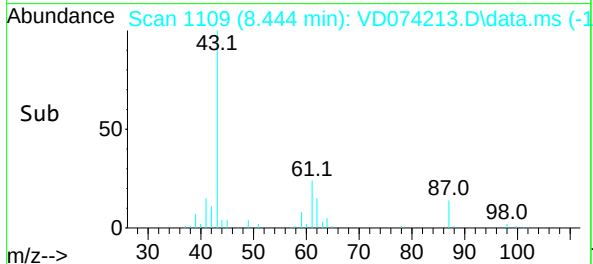
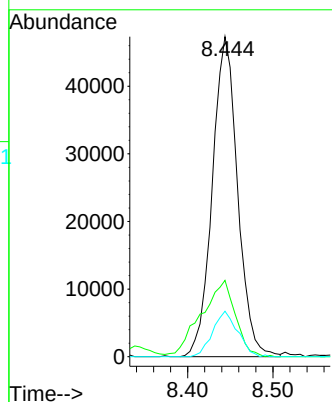
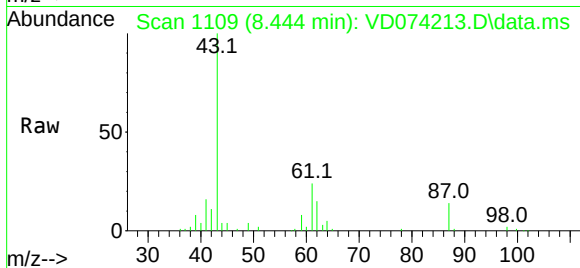
Tgt Ion: 43 Resp: 97737

Ion Ratio Lower Upper

43 100

61 32.3 22.4 33.6

87 14.1 8.7 13.1#



#44

Trichloroethene

Concen: 53.165 ug/l

RT: 9.103 min Scan# 1221

Delta R.T. -0.005 min

Lab File: VD074213.D

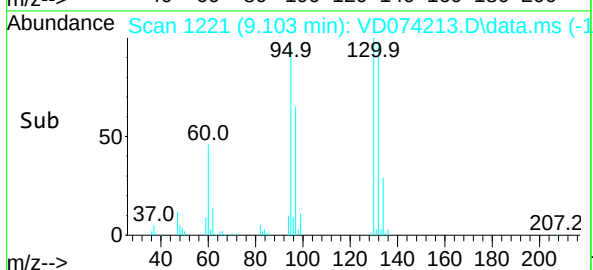
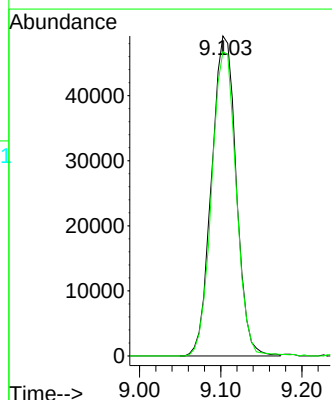
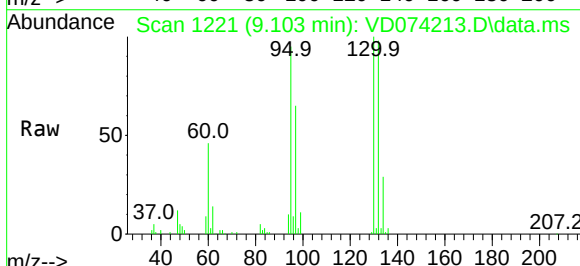
Acq: 24 Aug 2022 09:46

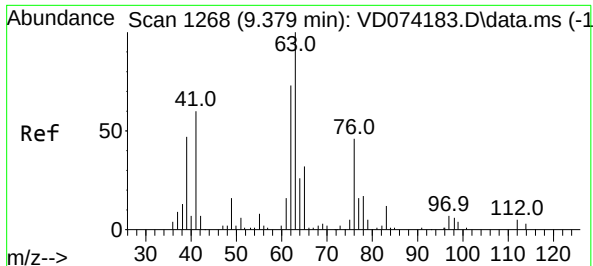
Tgt Ion:130 Resp: 103682

Ion Ratio Lower Upper

130 100

95 95.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 55.937 ug/l

RT: 9.373 min Scan# 1267

Delta R.T. -0.006 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

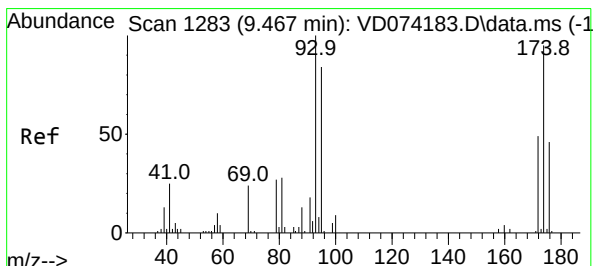
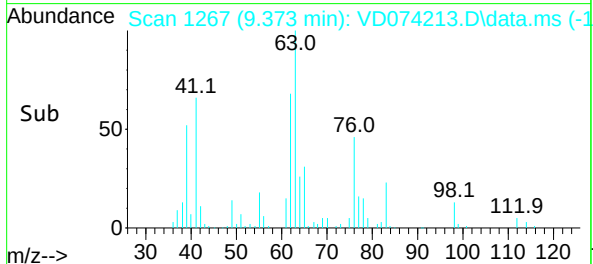
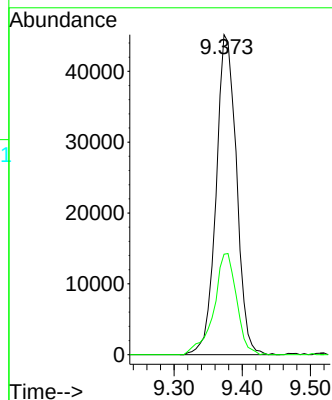
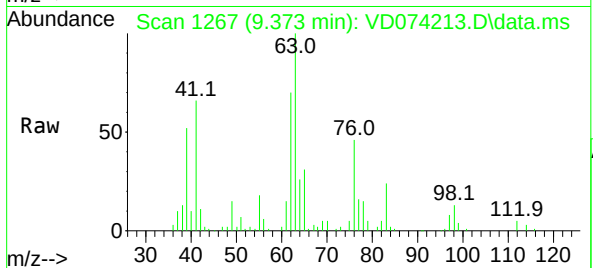
VSTDCCC050

Tgt Ion: 63 Resp: 93926

Ion Ratio Lower Upper

63 100

65 31.4 26.2 39.4



#46

Dibromomethane

Concen: 55.430 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

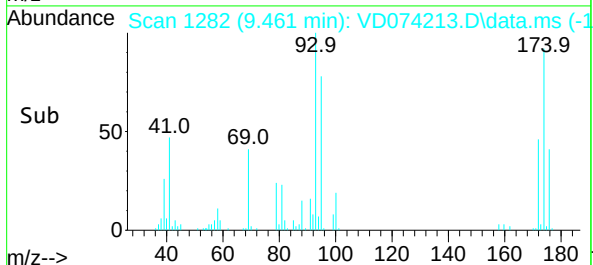
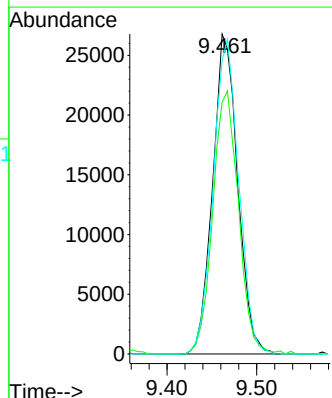
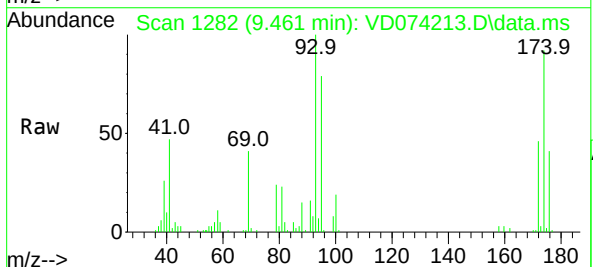
Tgt Ion: 93 Resp: 51926

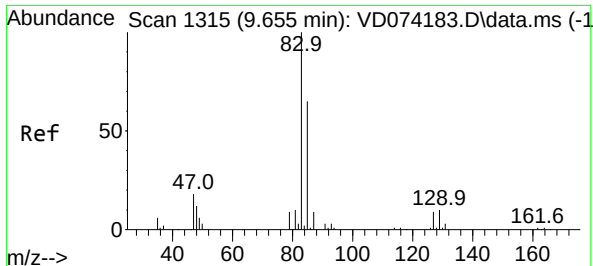
Ion Ratio Lower Upper

93 100

95 84.7 66.7 100.1

174 100.2 71.6 107.4





#47

Bromodichloromethane

Concen: 55.479 ug/l

RT: 9.650 min Scan# 11

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

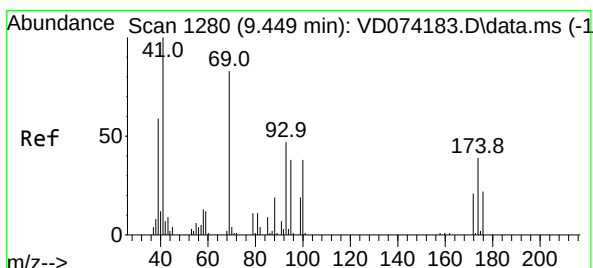
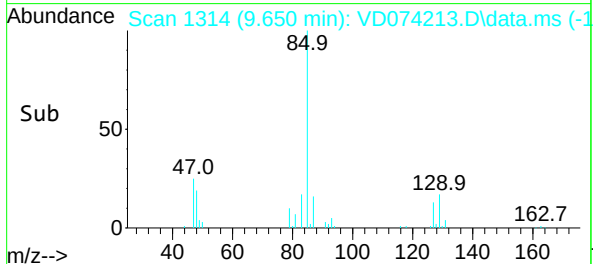
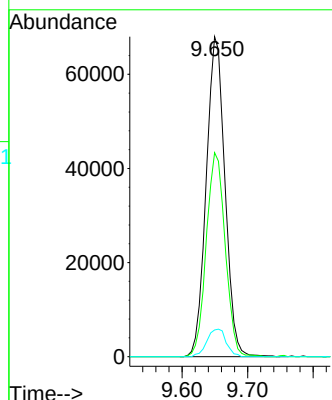
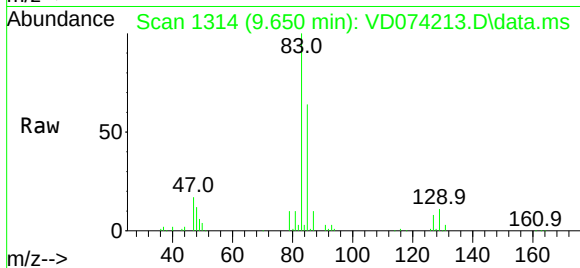
Tgt Ion: 83 Resp: 135178

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

127 8.4 6.1 9.1



#48

Methyl methacrylate

Concen: 53.007 ug/l

RT: 9.444 min Scan# 1279

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

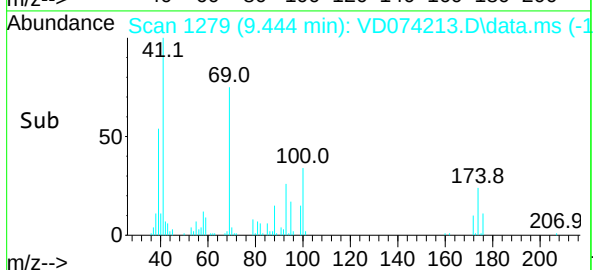
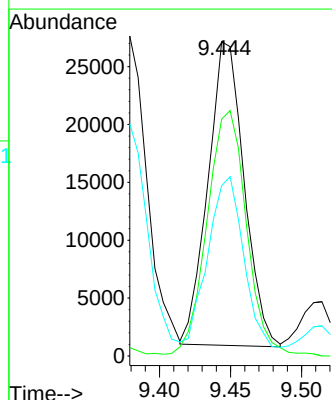
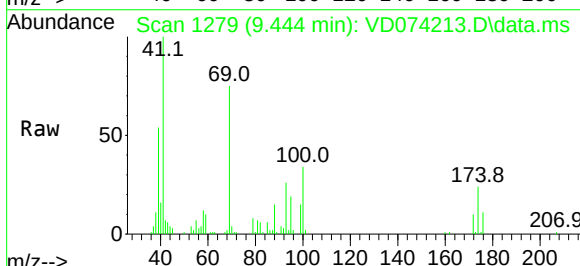
Tgt Ion: 41 Resp: 46379

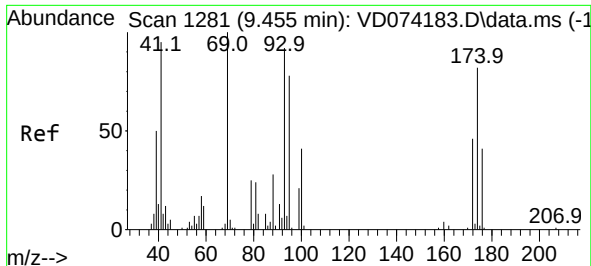
Ion Ratio Lower Upper

41 100

69 88.5 56.7 85.1#

39 55.3 42.7 64.1





#49

1,4-Dioxane

Concen: 1060.416 ug/l

RT: 9.456 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

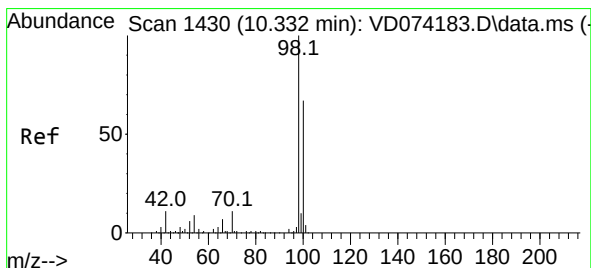
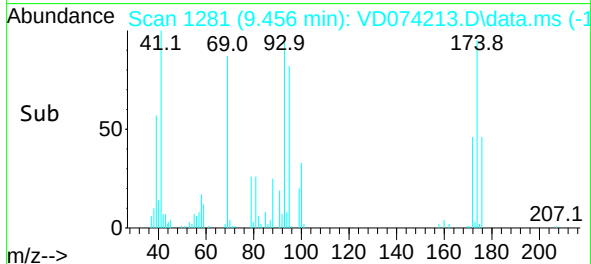
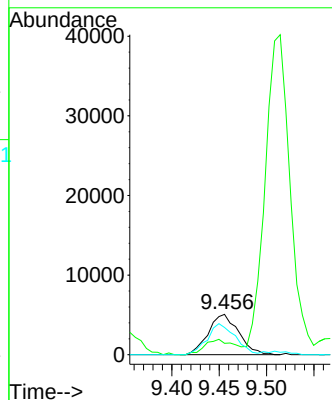
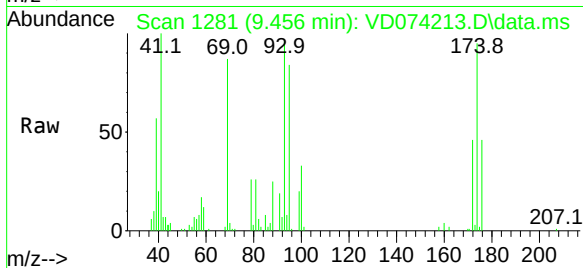
Tgt Ion: 88 Resp: 11272

Ion Ratio Lower Upper

88 100

43 36.6 31.0 46.4

58 71.1 58.1 87.1



#50

Toluene-d8

Concen: 49.009 ug/l

RT: 10.326 min Scan# 1429

Delta R.T. -0.006 min

Lab File: VD074213.D

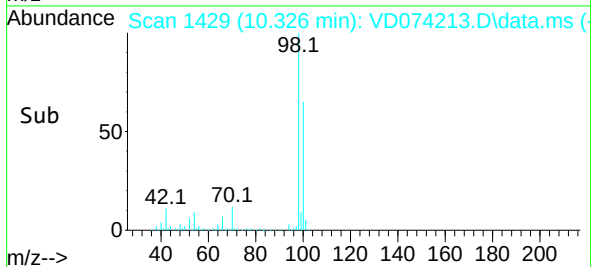
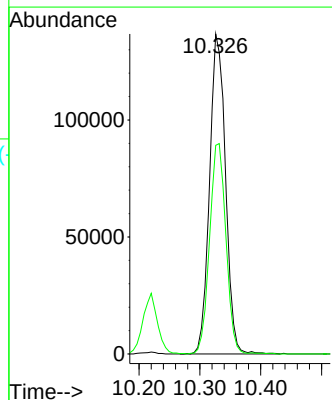
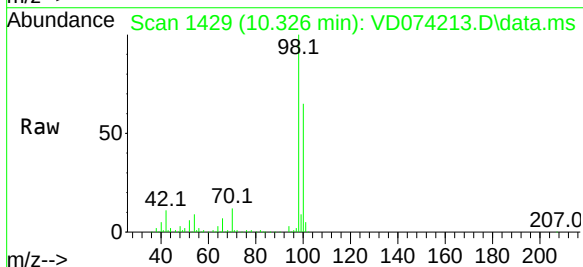
Acq: 24 Aug 2022 09:46

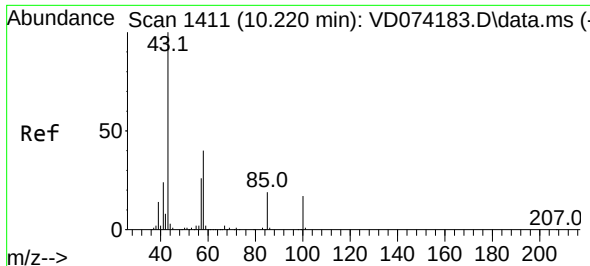
Tgt Ion: 98 Resp: 249041

Ion Ratio Lower Upper

98 100

100 67.2 52.4 78.6

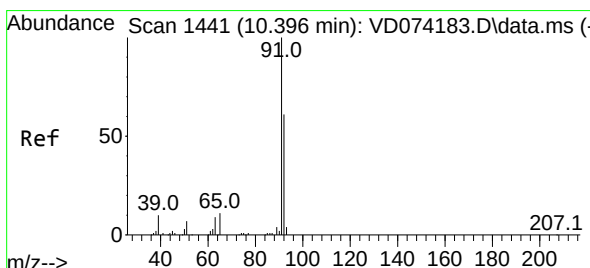
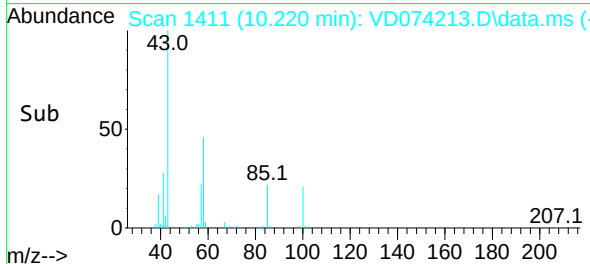
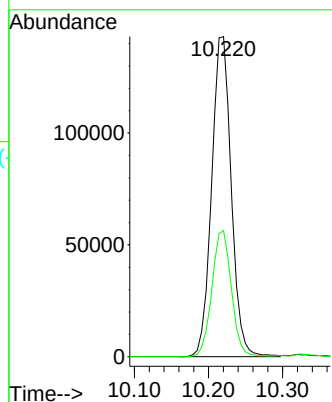
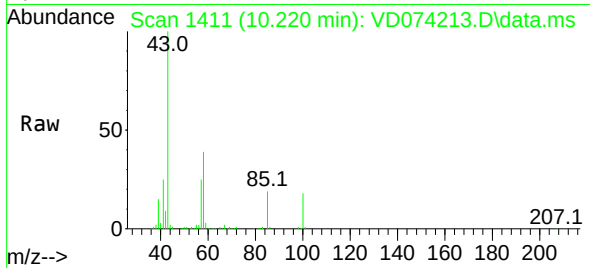




#51
4-Methyl-2-Pentanone
Concen: 277.981 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

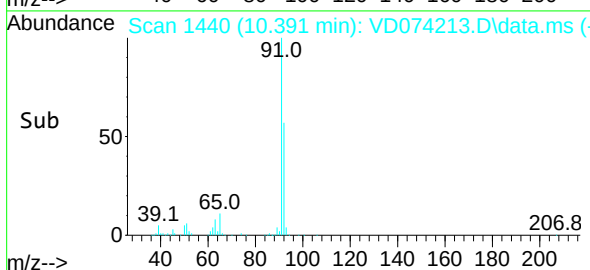
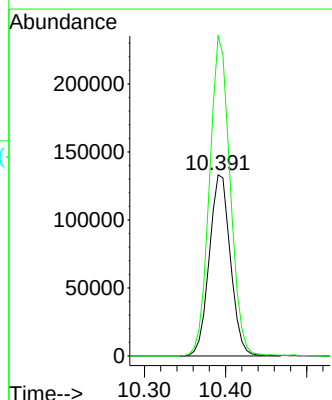
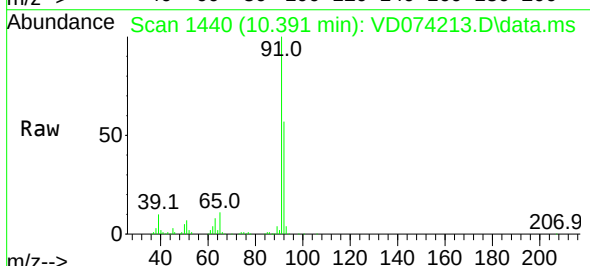
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

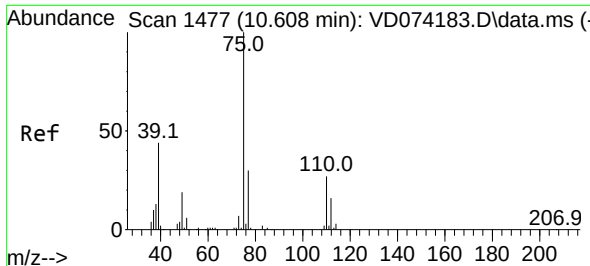
Tgt Ion: 43 Resp: 262843
Ion Ratio Lower Upper
43 100
58 39.1 28.6 43.0



#52
Toluene
Concen: 54.382 ug/l
RT: 10.391 min Scan# 1440
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 92 Resp: 240469
Ion Ratio Lower Upper
92 100
91 173.0 139.6 209.4

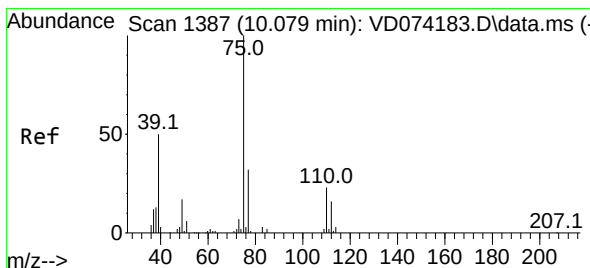
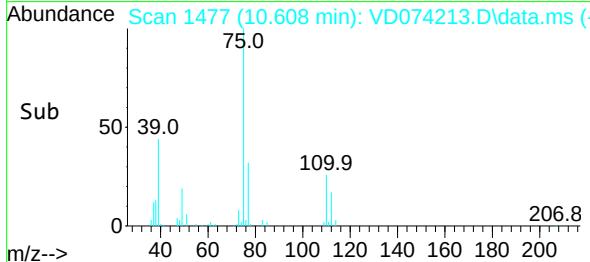
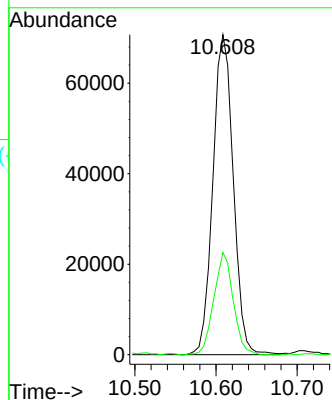
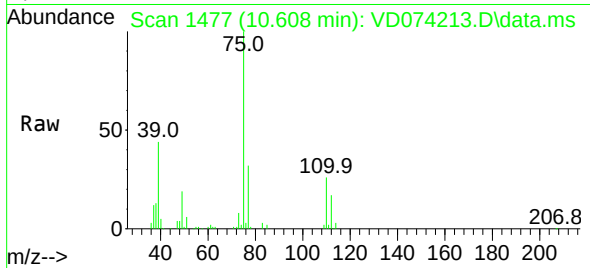




#53
t-1,3-Dichloropropene
Concen: 55.901 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

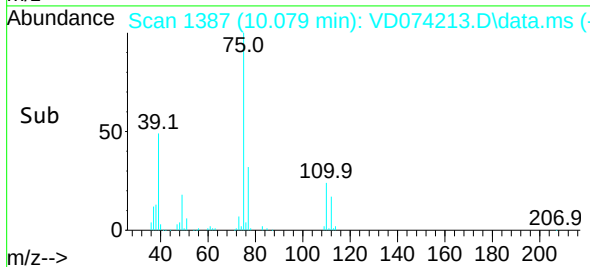
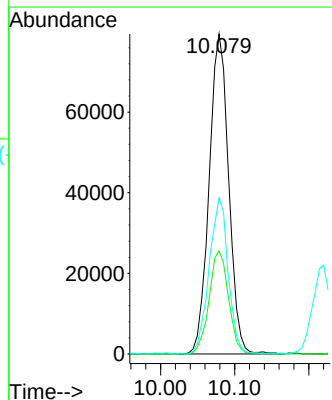
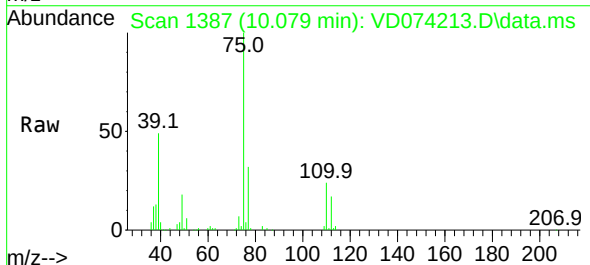
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

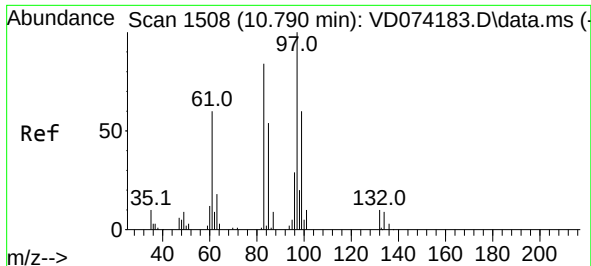
Tgt Ion: 75 Resp: 123519
Ion Ratio Lower Upper
75 100
77 31.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 55.488 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 75 Resp: 145370
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 48.5 46.8 70.2

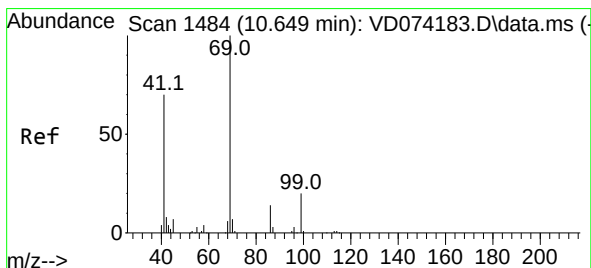
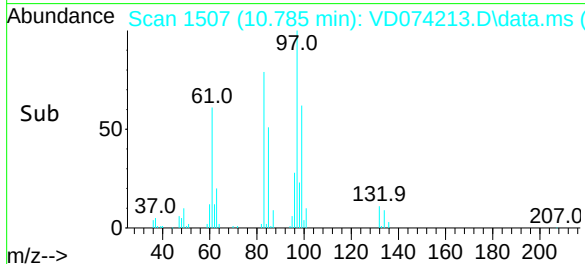
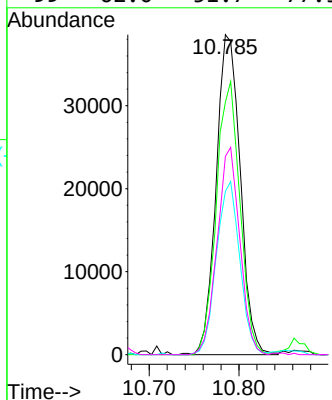
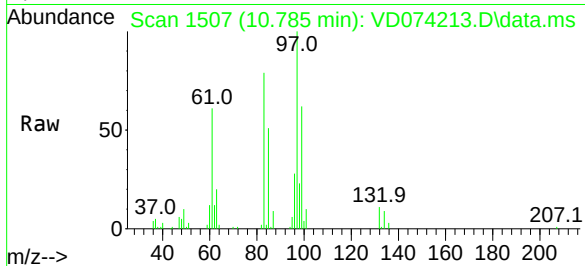




#55
1,1,2-Trichloroethane
Concen: 56.234 ug/l
RT: 10.785 min Scan# 1507
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

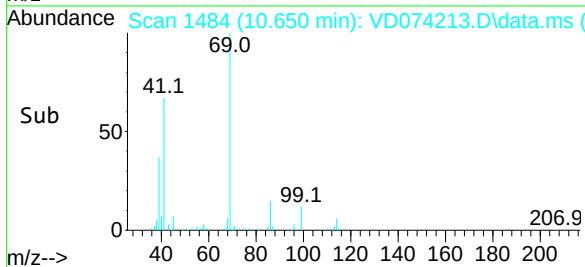
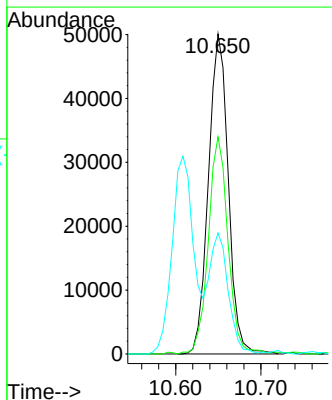
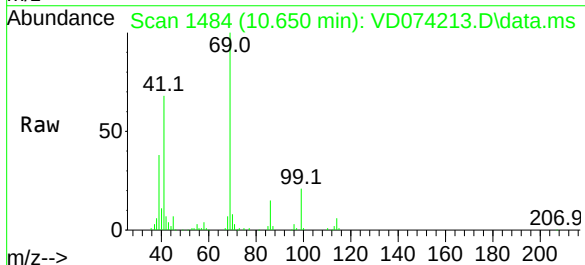
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

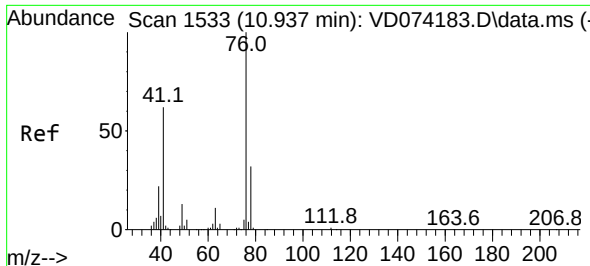
Tgt Ion:	97	Resp:	72048
Ion	Ratio	Lower	Upper
97	100		
83	78.9	69.0	103.4
85	51.0	42.6	63.8
99	62.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 55.251 ug/l
RT: 10.650 min Scan# 1484
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:	69	Resp:	80866
Ion	Ratio	Lower	Upper
69	100		
41	67.3	63.0	94.6
39	35.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 55.119 ug/l

RT: 10.932 min Scan# 1532

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

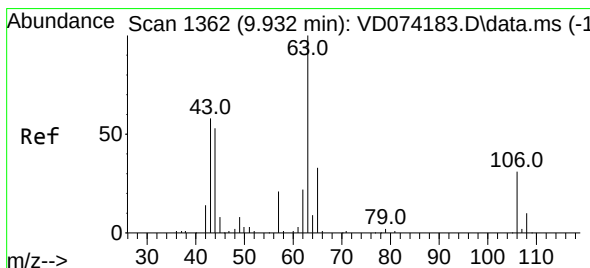
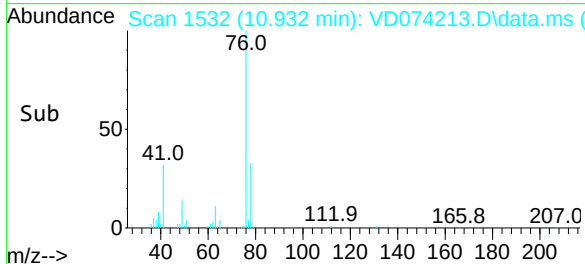
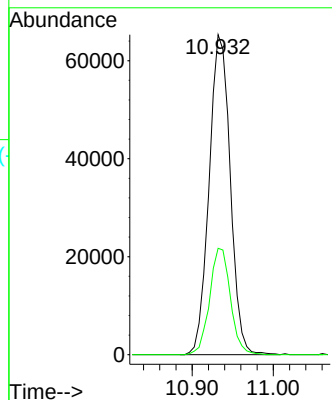
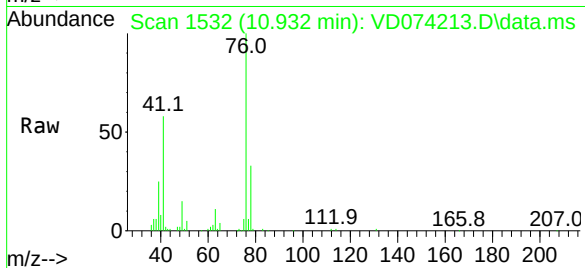
VSTDCCC050

Tgt Ion: 76 Resp: 118009

Ion Ratio Lower Upper

76 100

78 32.7 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 205.447 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD074213.D

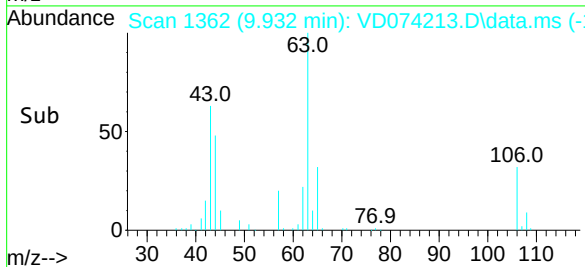
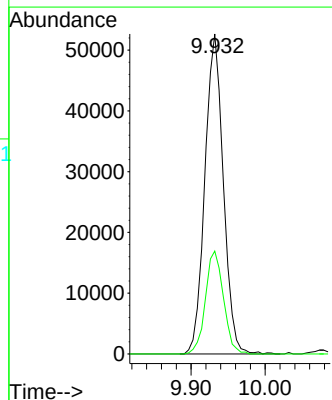
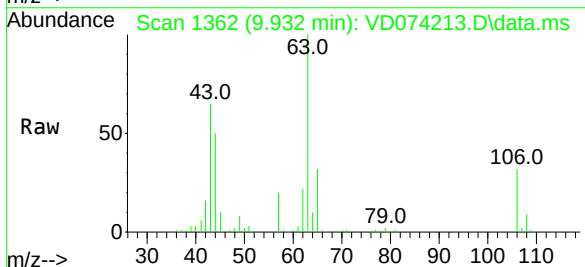
Acq: 24 Aug 2022 09:46

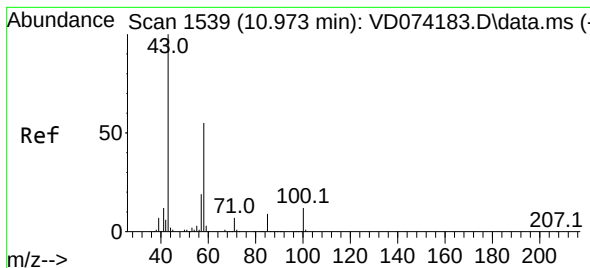
Tgt Ion: 63 Resp: 91021

Ion Ratio Lower Upper

63 100

106 31.4 21.4 32.0

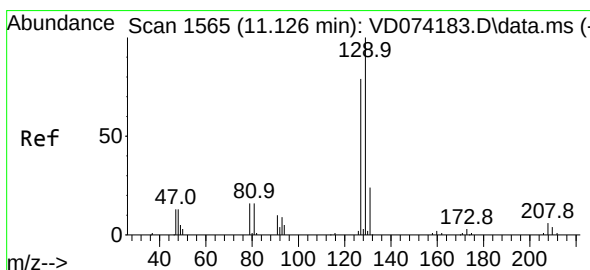
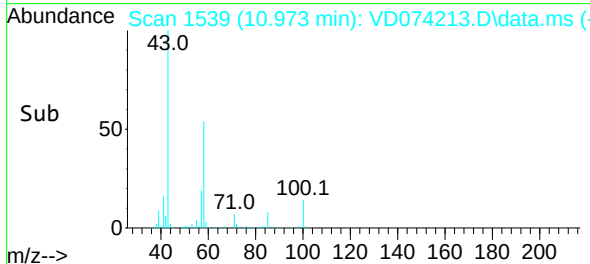
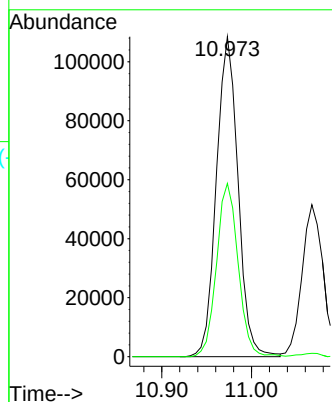
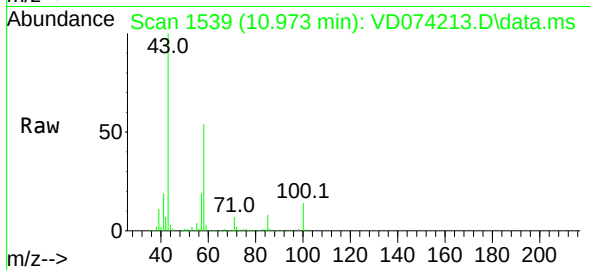




#59
2-Hexanone
Concen: 285.153 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

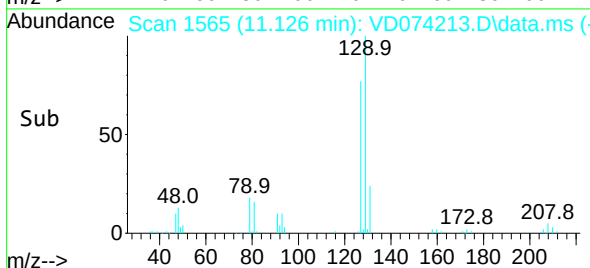
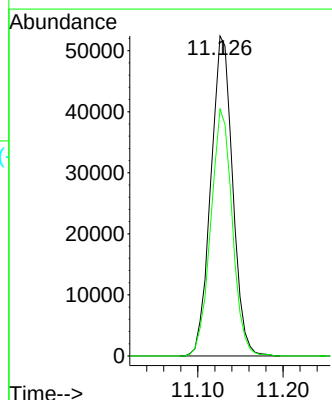
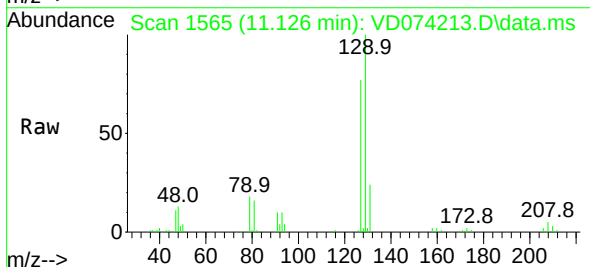
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

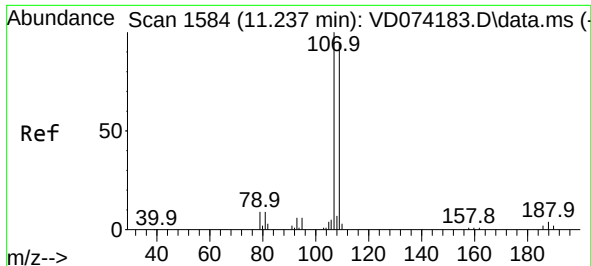
Tgt Ion: 43 Resp: 181791
Ion Ratio Lower Upper
43 100
58 54.0 25.3 75.9



#60
Dibromochloromethane
Concen: 55.956 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 129 Resp: 93103
Ion Ratio Lower Upper
129 100
127 76.2 39.2 117.6

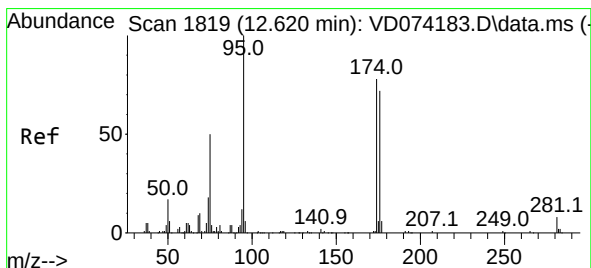
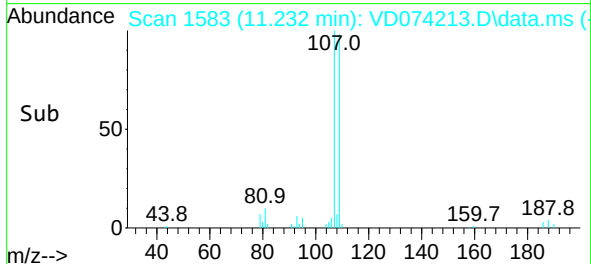
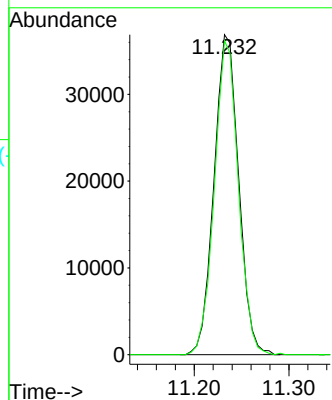
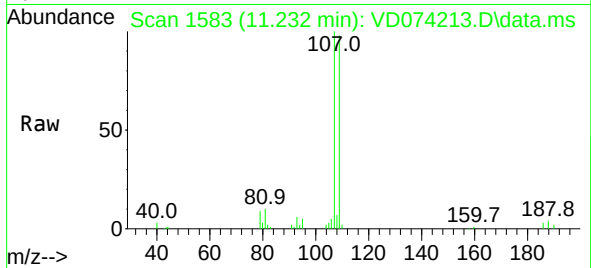




#61
1,2-Dibromoethane
Concen: 53.403 ug/l
RT: 11.232 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

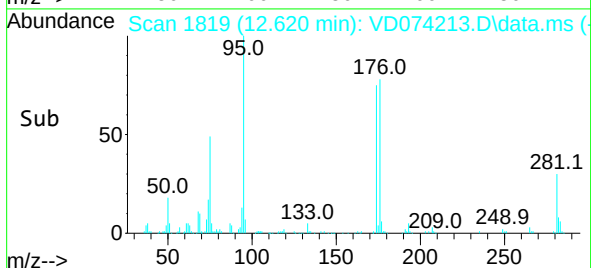
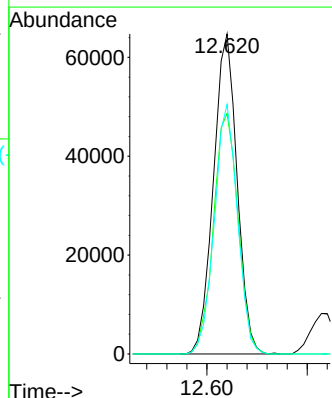
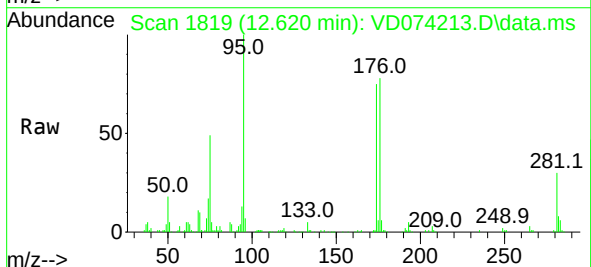
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

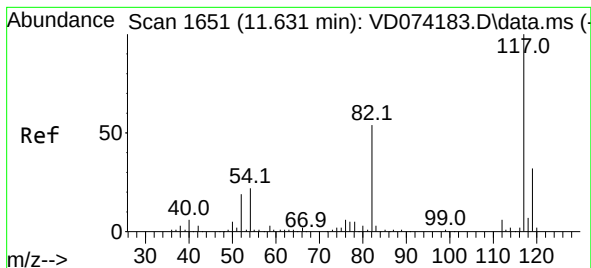
Tgt Ion:107 Resp: 66740
Ion Ratio Lower Upper
107 100
109 95.4 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 52.609 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 95 Resp: 105612
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 76.4 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.632 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

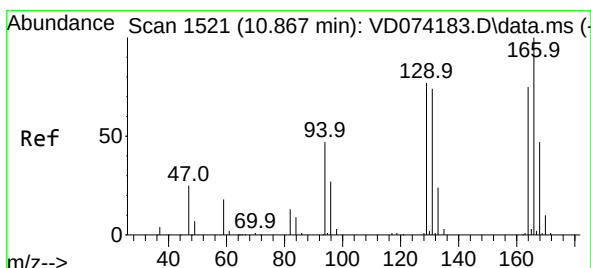
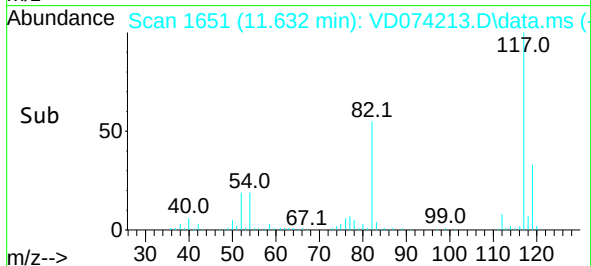
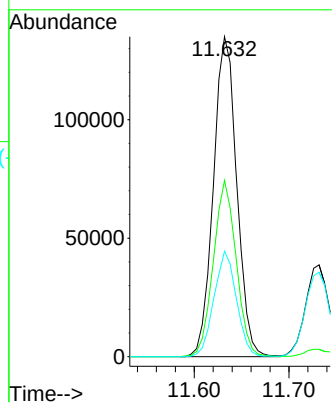
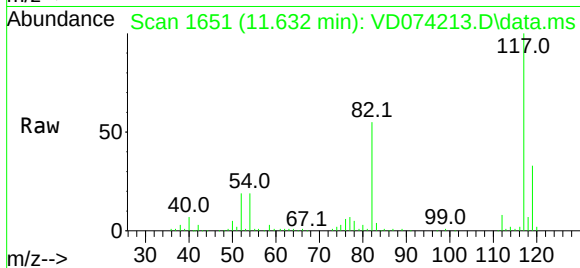
Tgt Ion:117 Resp: 231430

Ion Ratio Lower Upper

117 100

82 55.1 45.3 67.9

119 32.9 26.6 40.0



#64

Tetrachloroethene

Concen: 50.988 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Tgt Ion:164 Resp: 86111

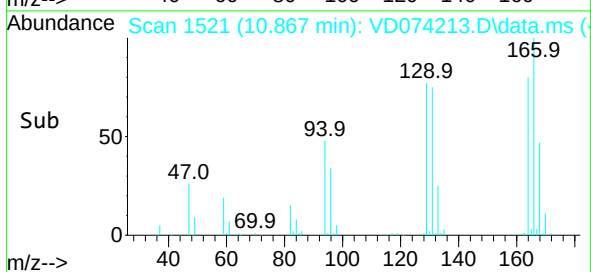
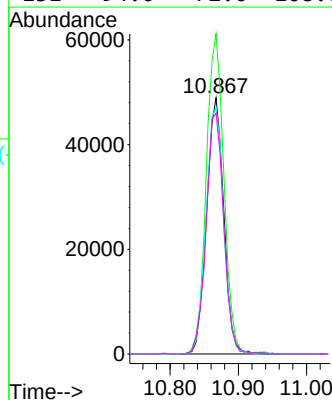
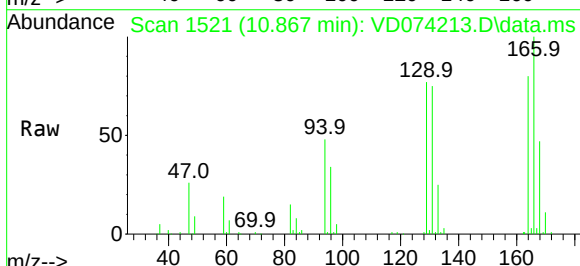
Ion Ratio Lower Upper

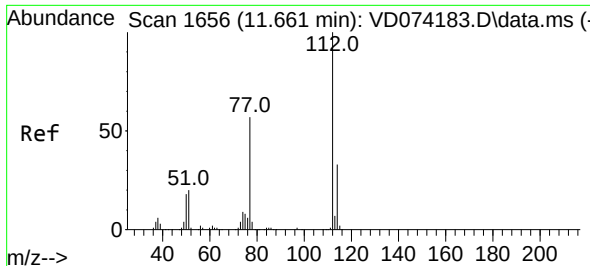
164 100

166 125.0 98.5 147.7

129 96.2 74.6 111.8

131 94.0 72.0 108.0

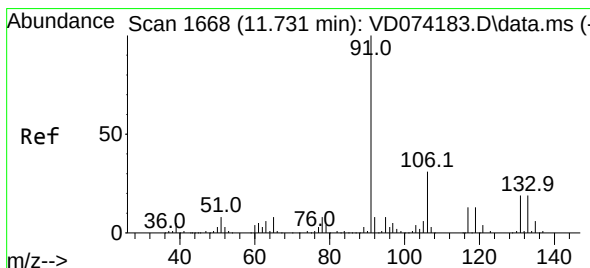
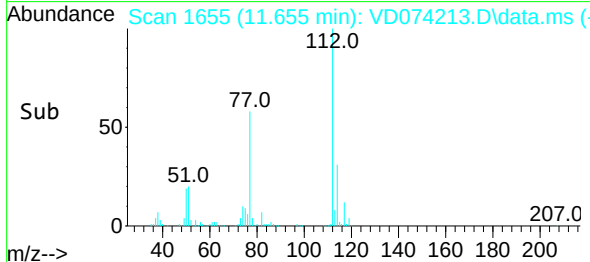
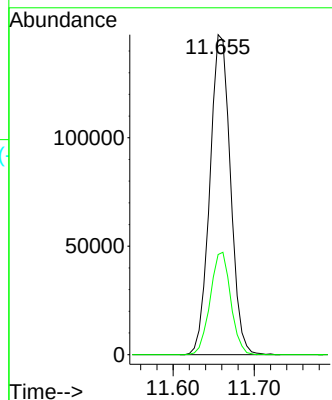
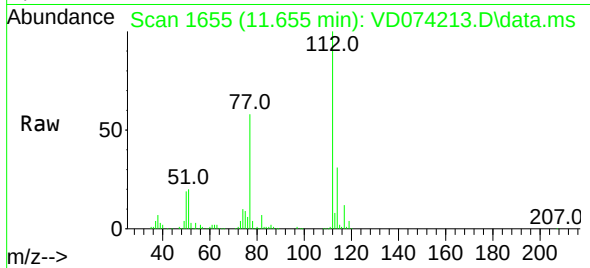




#65
Chlorobenzene
Concen: 51.569 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

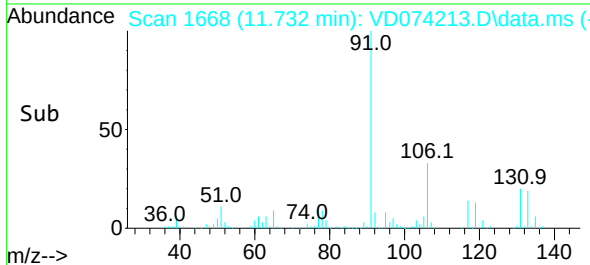
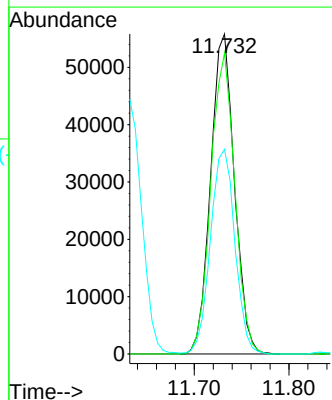
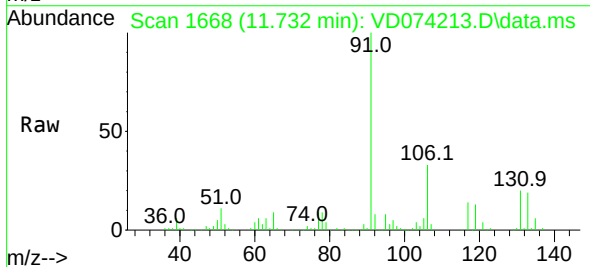
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

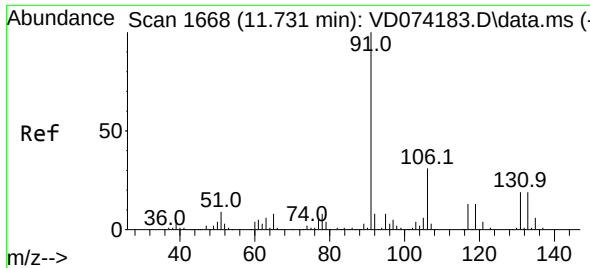
Tgt Ion:112 Resp: 260107
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.471 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:131 Resp: 97601
Ion Ratio Lower Upper
131 100
133 94.7 48.1 144.3
119 65.7 31.9 95.9

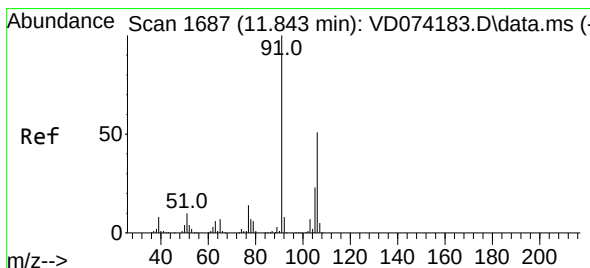
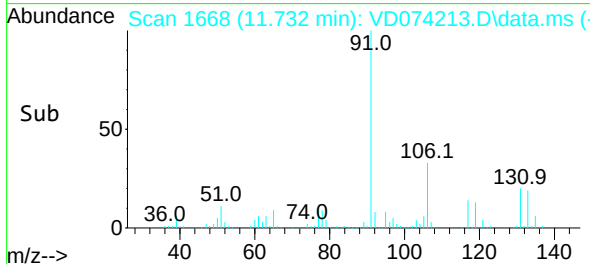
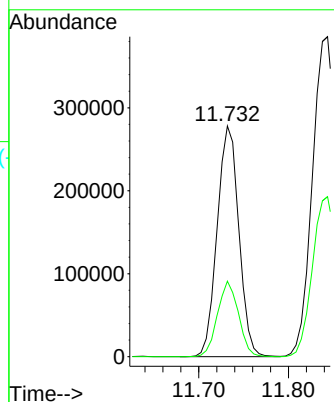
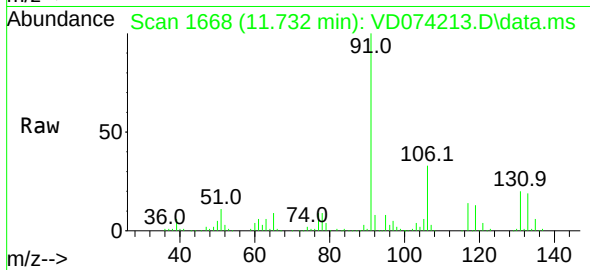




#67
Ethyl Benzene
Concen: 53.983 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

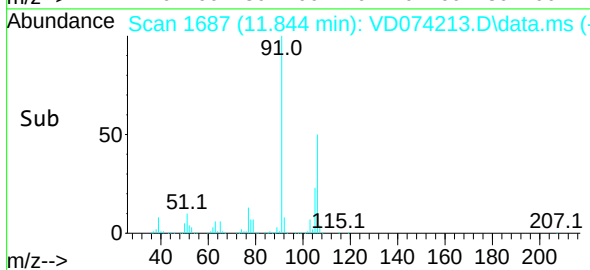
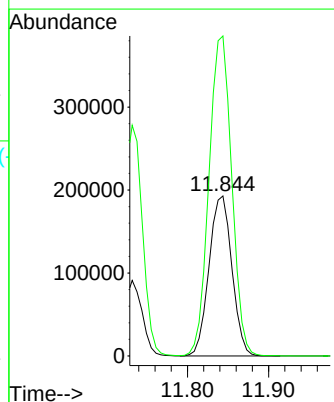
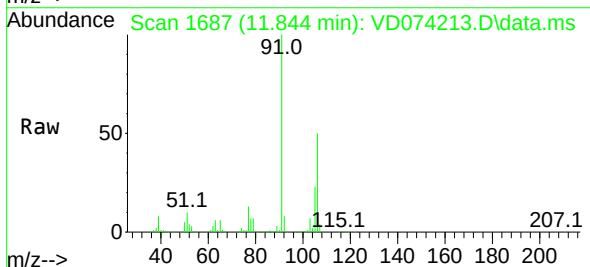
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

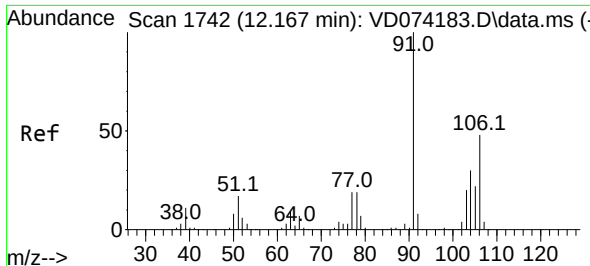
Tgt Ion: 91 Resp: 465987
Ion Ratio Lower Upper
91 100
106 32.7 24.2 36.4



#68
m/p-Xylenes
Concen: 109.798 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 106 Resp: 377506
Ion Ratio Lower Upper
106 100
91 199.1 163.7 245.5

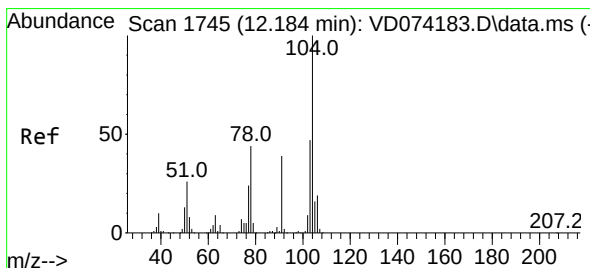
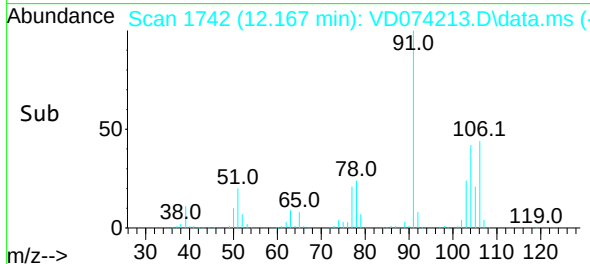
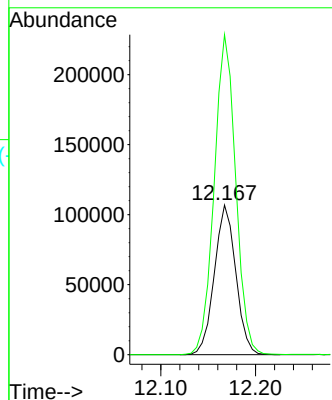
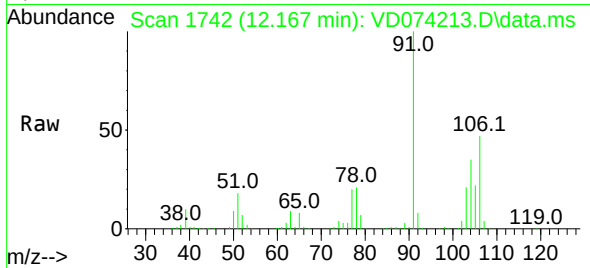




#69
o-Xylene
Concen: 52.900 ug/l
RT: 12.167 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

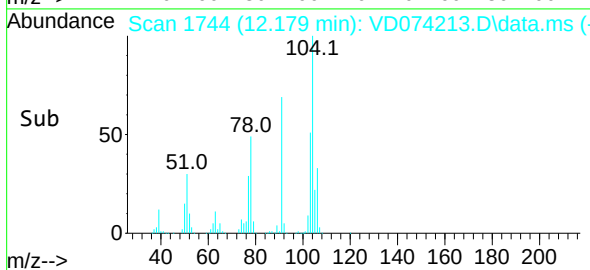
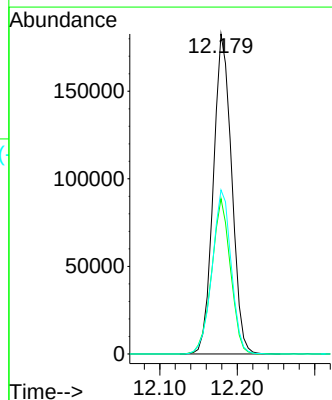
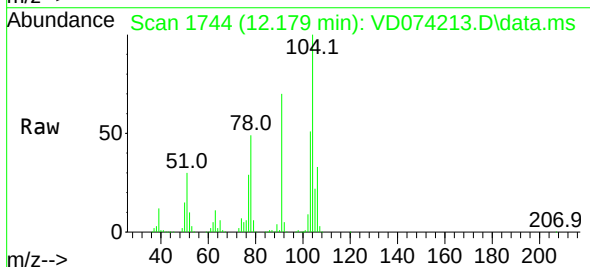
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

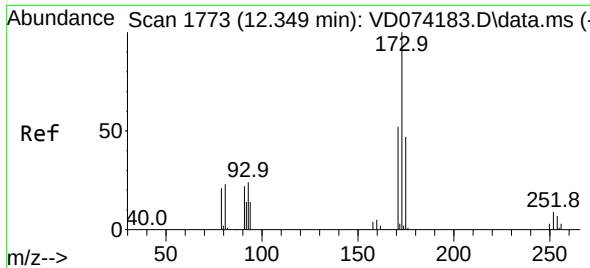
Tgt Ion:106 Resp: 167822
Ion Ratio Lower Upper
106 100
91 214.6 110.4 331.2



#70
Styrene
Concen: 55.185 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. -0.005 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:104 Resp: 300155
Ion Ratio Lower Upper
104 100
78 49.7 41.8 62.8
103 53.1 44.2 66.4

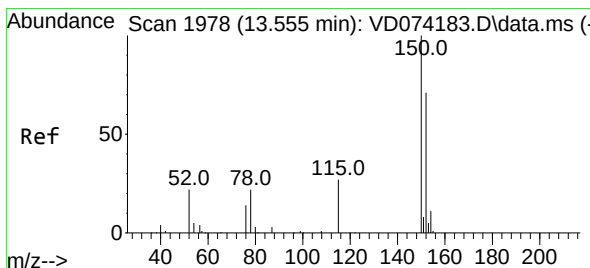
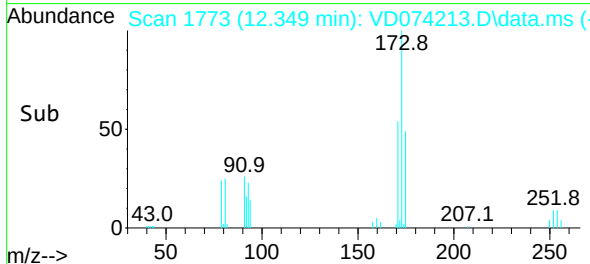
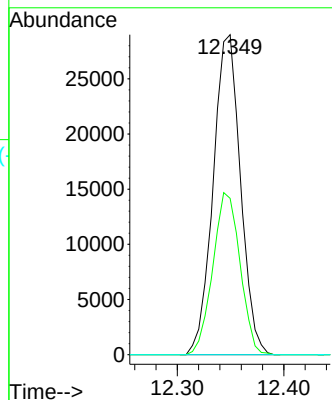
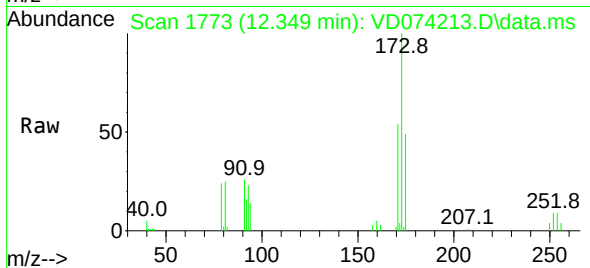




#71
Bromoform
Concen: 50.037 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

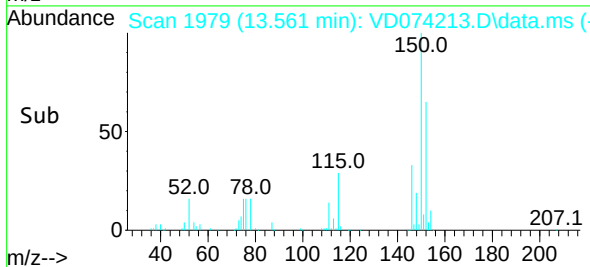
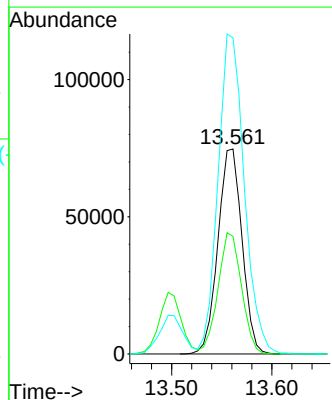
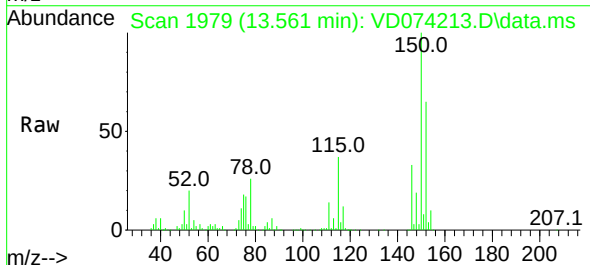
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

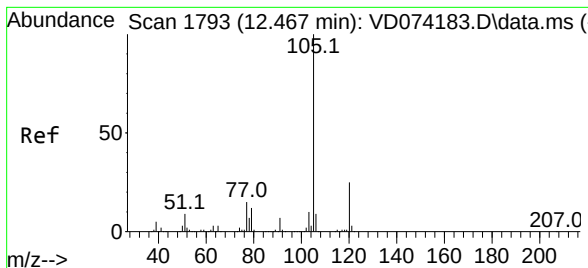
Tgt Ion:173 Resp: 51603
Ion Ratio Lower Upper
173 100
175 50.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:152 Resp: 124667
Ion Ratio Lower Upper
152 100
115 57.6 31.3 93.8
150 169.9 0.0 348.6





#73

Isopropylbenzene

Concen: 51.227 ug/l

RT: 12.467 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

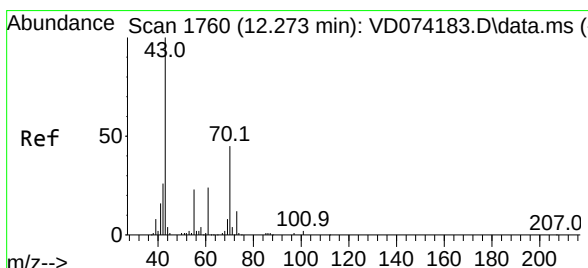
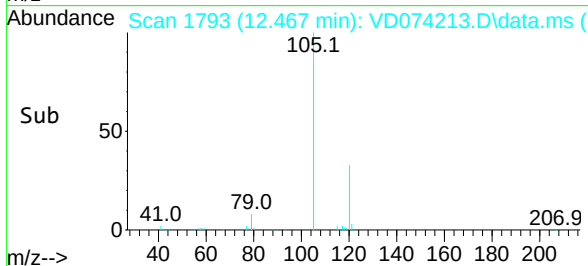
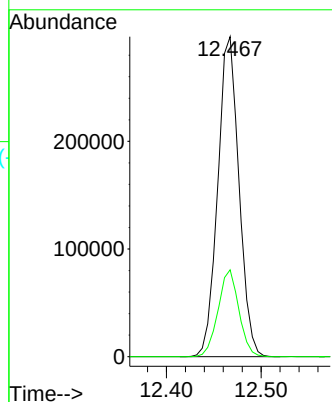
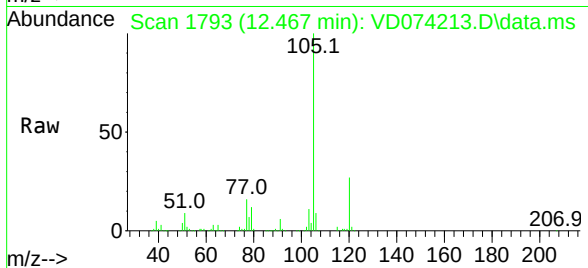
VSTDCCC050

Tgt Ion:105 Resp: 462414

Ion Ratio Lower Upper

105 100

120 26.6 13.0 38.9



#74

N-ethyl acetate

Concen: 47.375 ug/l

RT: 12.273 min Scan# 1760

Delta R.T. 0.000 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Tgt Ion: 43 Resp: 93025

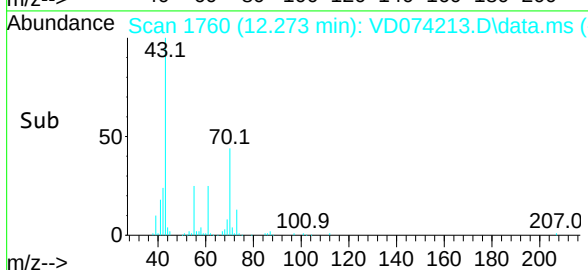
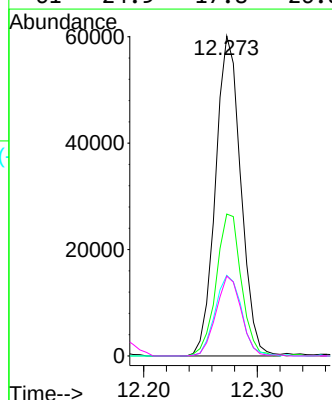
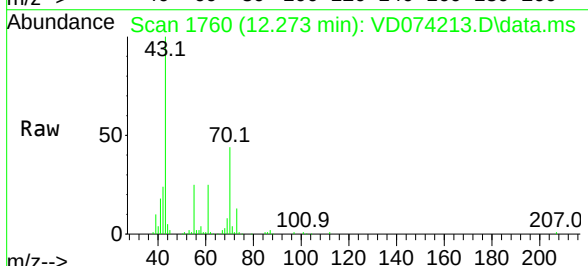
Ion Ratio Lower Upper

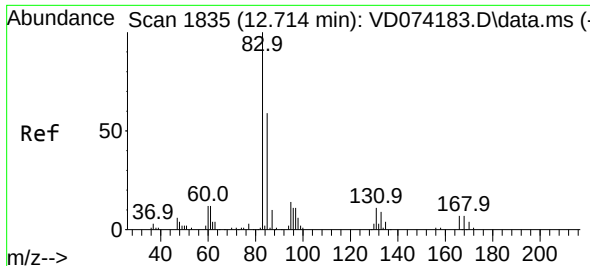
43 100

70 44.0 31.3 46.9

55 26.4 20.0 30.0

61 24.9 17.8 26.8

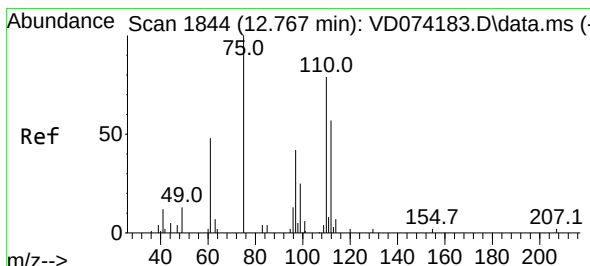
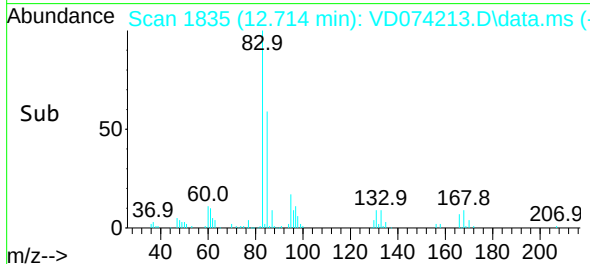
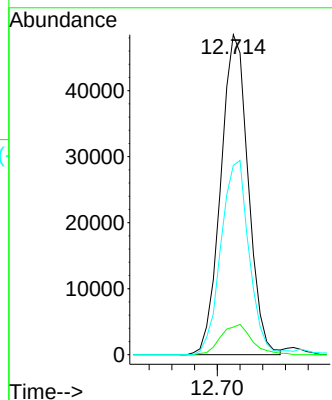
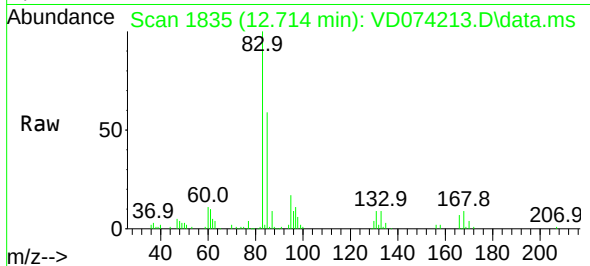




#75
1,1,2-Tetrachloroethane
Concen: 50.453 ug/l
RT: 12.714 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

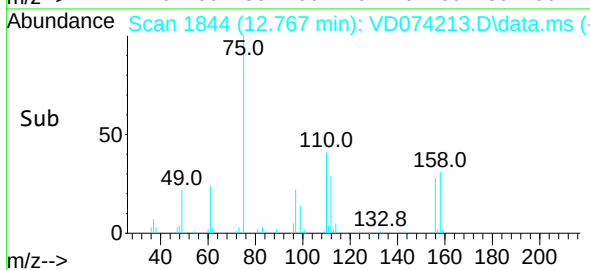
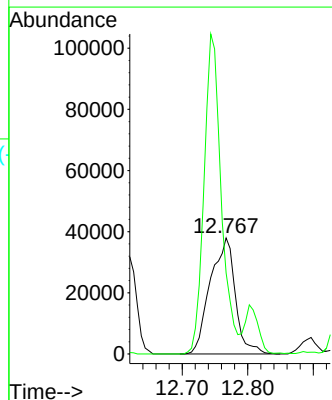
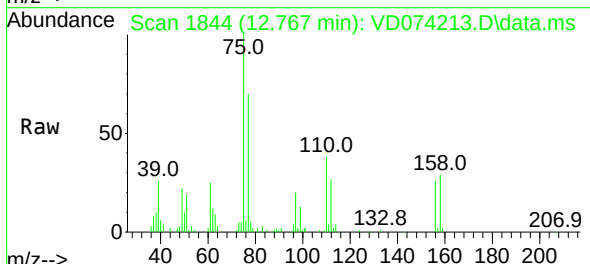
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

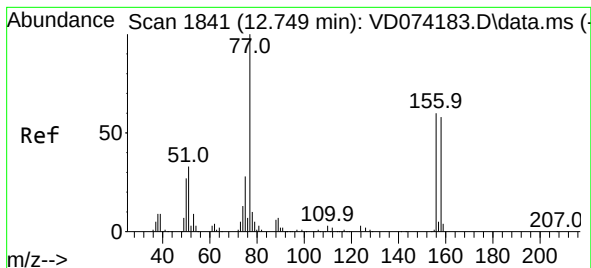
Tgt Ion: 83 Resp: 81340
Ion Ratio Lower Upper
83 100
131 10.6 5.0 14.9
85 61.9 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 82.560 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 75 Resp: 100499
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.051 ug/l

RT: 12.744 min Scan# 1840

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

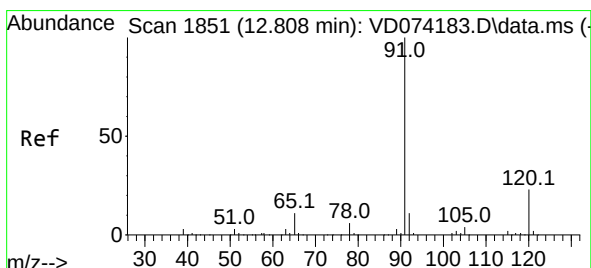
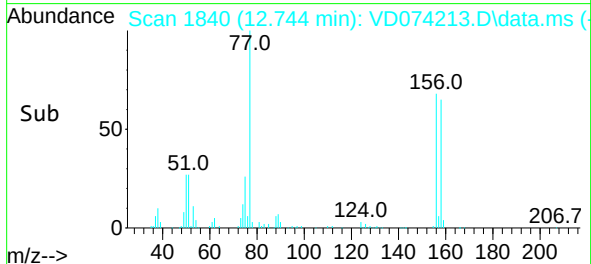
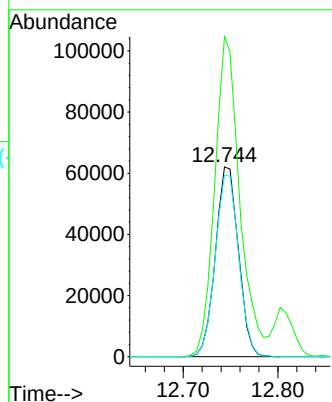
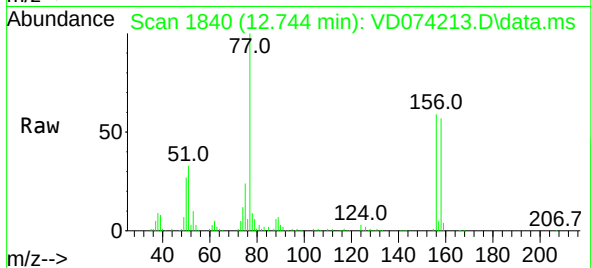
Tgt Ion:156 Resp: 104901

Ion Ratio Lower Upper

156 100

77 182.6 102.8 308.3

158 97.7 48.7 146.1



#78

n-propylbenzene

Concen: 52.052 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. 0.000 min

Lab File: VD074213.D

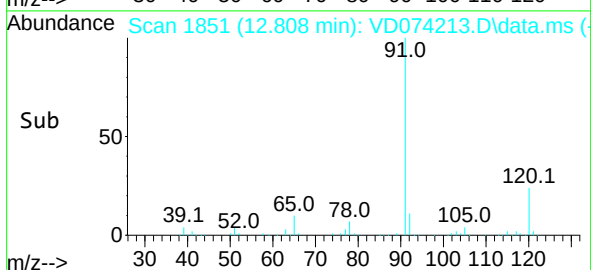
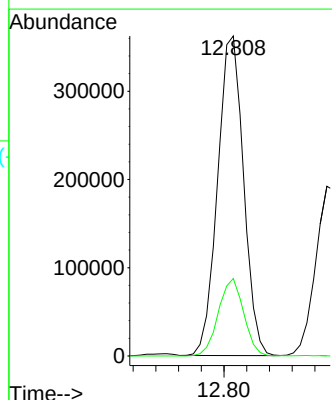
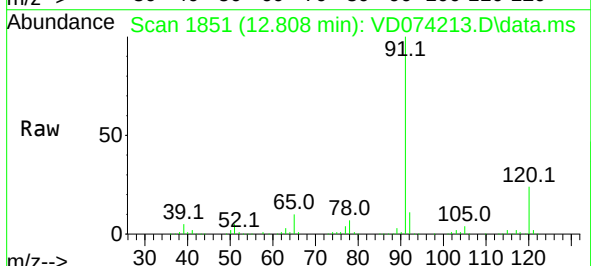
Acq: 24 Aug 2022 09:46

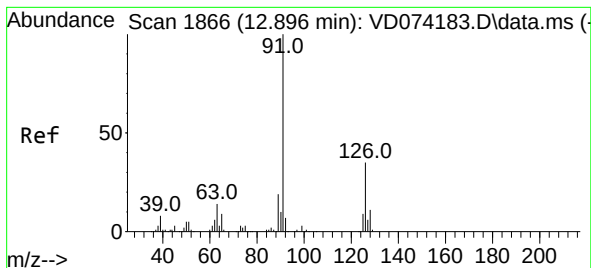
Tgt Ion: 91 Resp: 574650

Ion Ratio Lower Upper

91 100

120 23.6 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.112 ug/l

RT: 12.891 min Scan# 1866

Delta R.T. -0.005 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

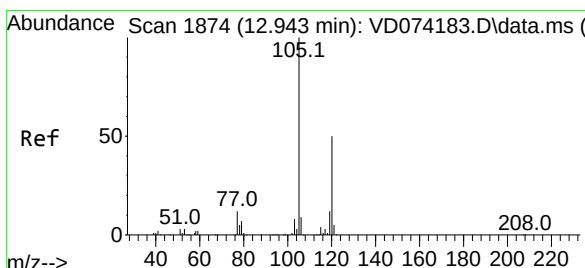
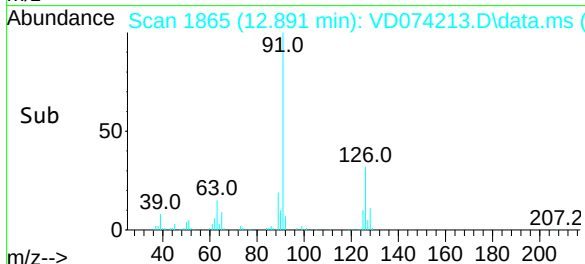
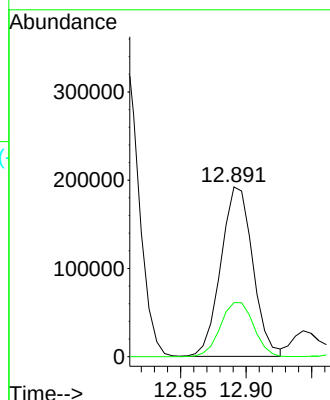
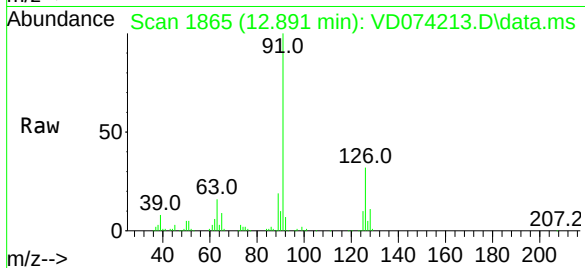
VSTDCCC050

Tgt Ion: 91 Resp: 325830

Ion Ratio Lower Upper

91 100

126 33.4 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 51.800 ug/l

RT: 12.944 min Scan# 1874

Delta R.T. 0.001 min

Lab File: VD074213.D

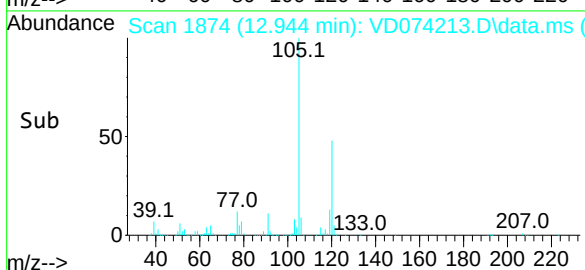
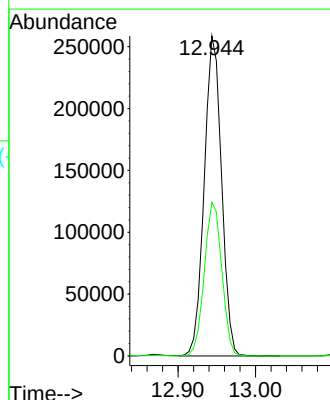
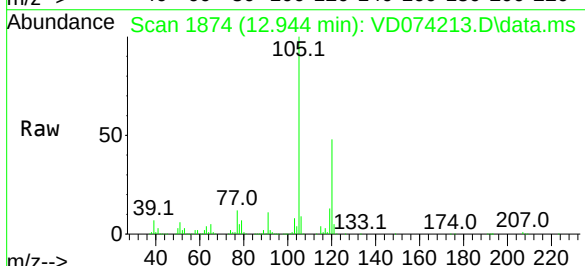
Acq: 24 Aug 2022 09:46

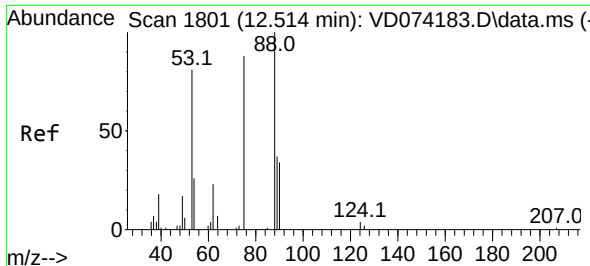
Tgt Ion:105 Resp: 401712

Ion Ratio Lower Upper

105 100

120 48.5 24.3 72.8

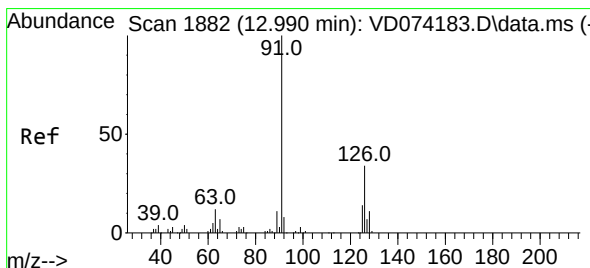
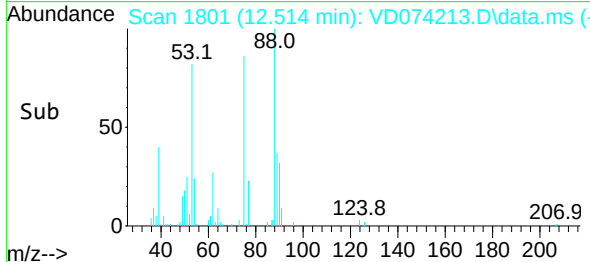
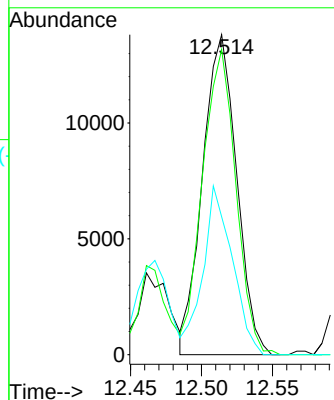
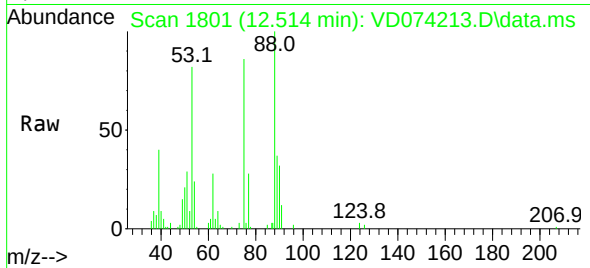




#81
trans-1,4-Dichloro-2-butene
Concen: 48.666 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

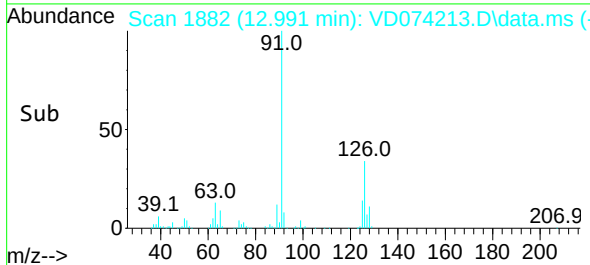
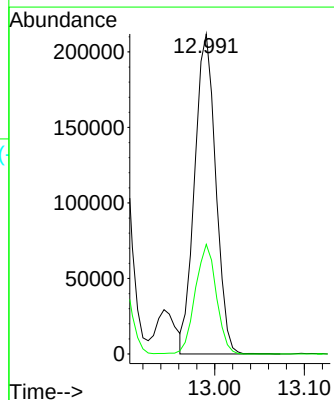
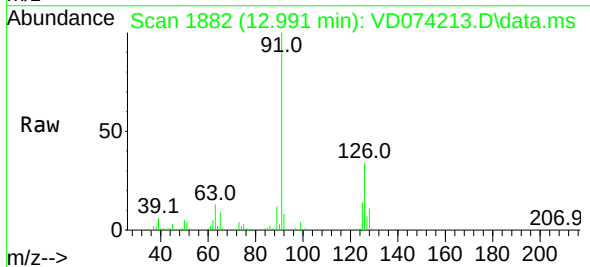
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

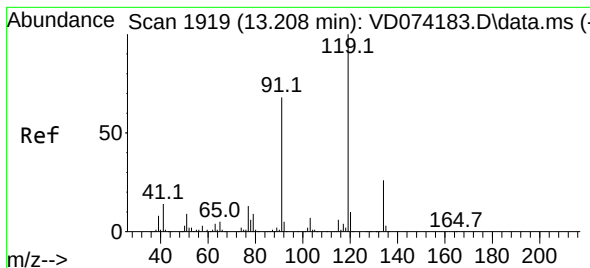
Tgt Ion: 75 Resp: 23036
Ion Ratio Lower Upper
75 100
53 93.4 86.5 129.7
89 45.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 51.133 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 91 Resp: 344823
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5





#83

tert-Butylbenzene

Concen: 51.046 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. 0.000 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

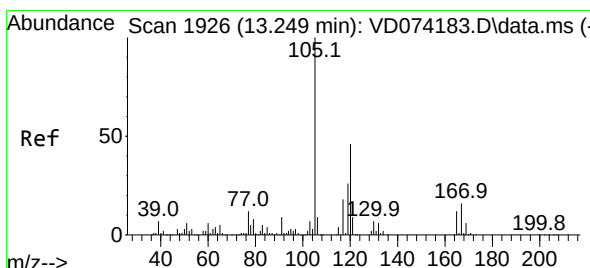
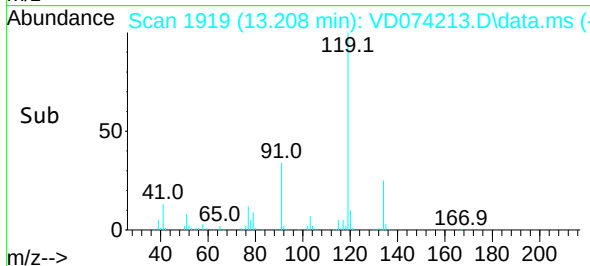
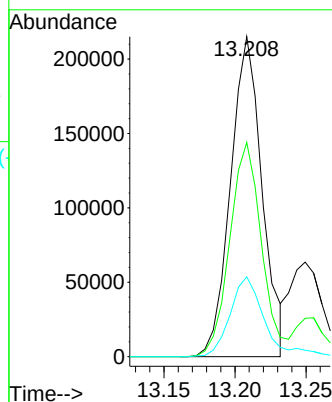
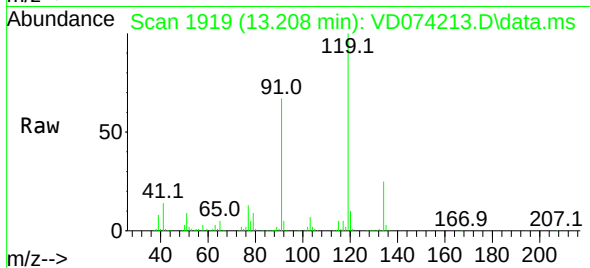
Tgt Ion:119 Resp: 333455

Ion Ratio Lower Upper

119 100

91 67.5 34.8 104.5

134 27.2 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 52.187 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. 0.006 min

Lab File: VD074213.D

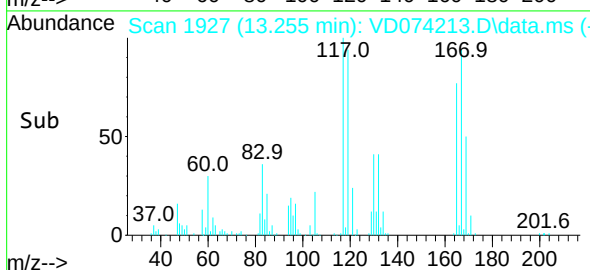
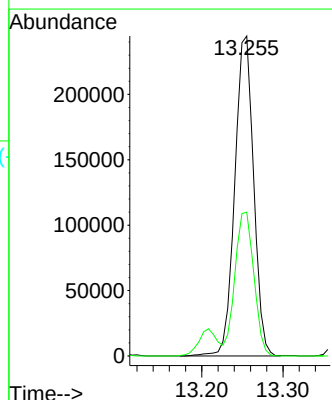
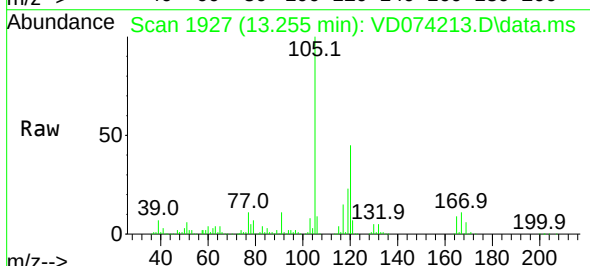
Acq: 24 Aug 2022 09:46

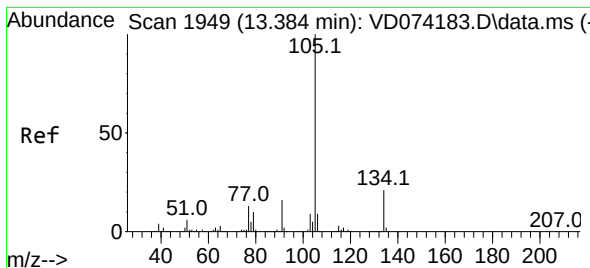
Tgt Ion:105 Resp: 393869

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 52.332 ug/l

RT: 13.385 min Scan# 1949

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

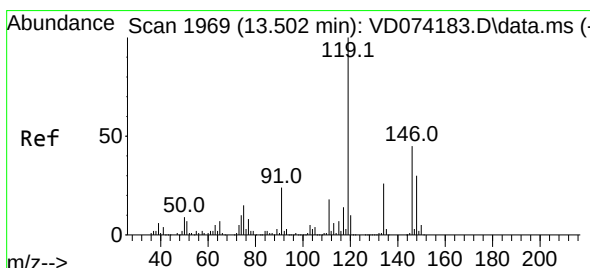
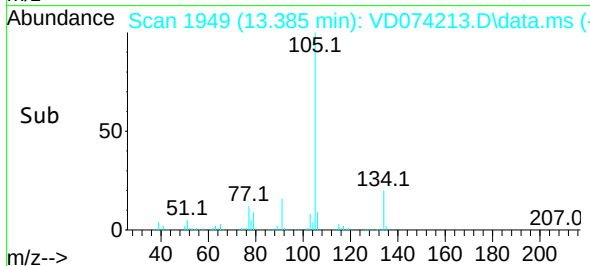
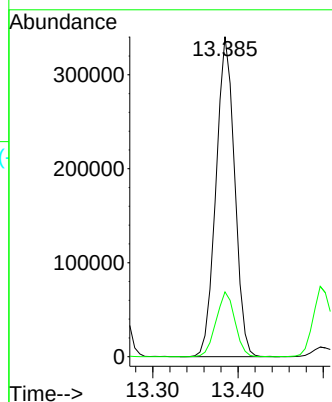
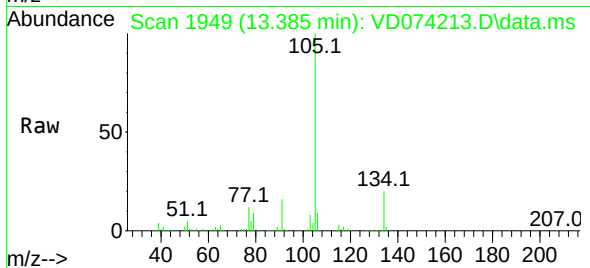
VSTDCCC050

Tgt Ion:105 Resp: 516735

Ion Ratio Lower Upper

105 100

134 20.5 9.8 29.3



#86

p-Isopropyltoluene

Concen: 52.893 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

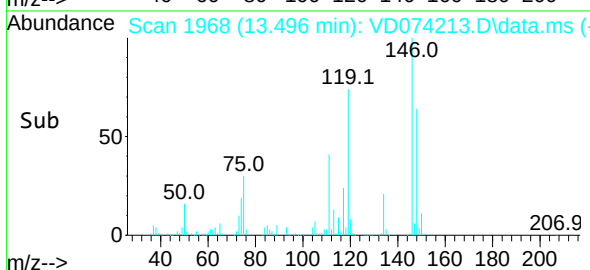
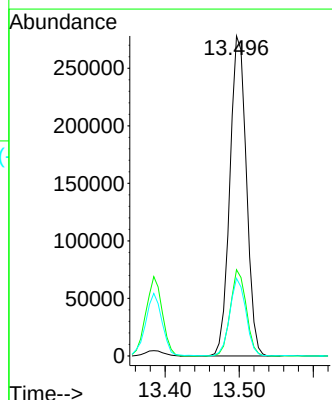
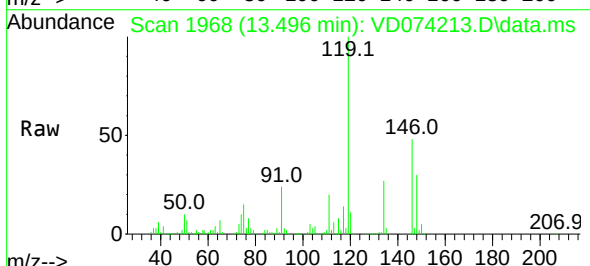
Tgt Ion:119 Resp: 430935

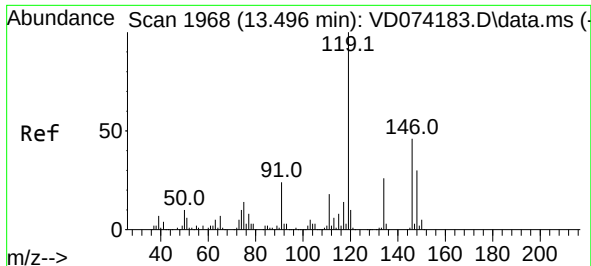
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 23.7 12.1 36.3

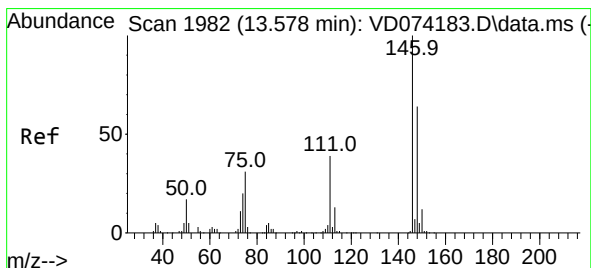
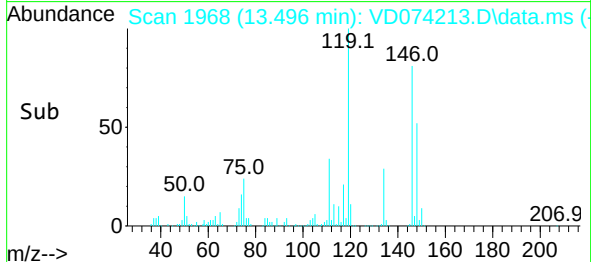
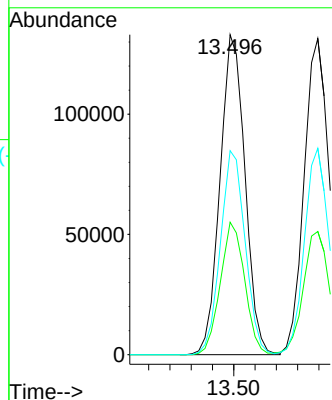
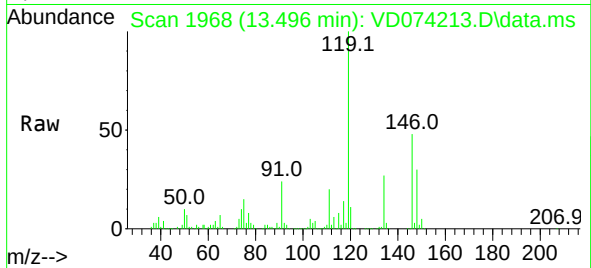




#87
1,3-Dichlorobenzene
Concen: 50.081 ug/l
RT: 13.496 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

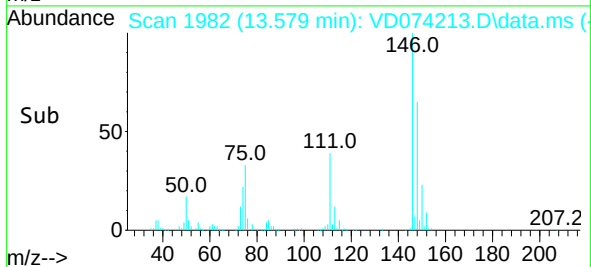
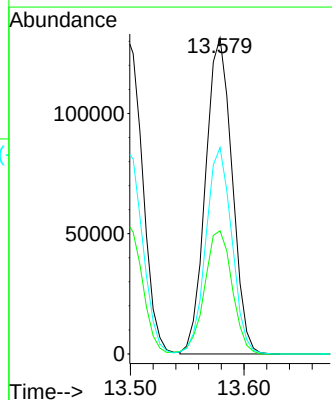
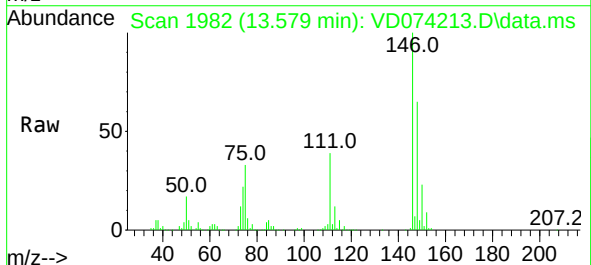
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

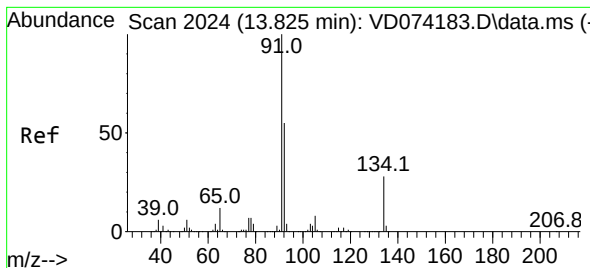
Tgt Ion:146 Resp: 216653
Ion Ratio Lower Upper
146 100
111 40.5 20.4 61.3
148 63.2 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.097 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:146 Resp: 213986
Ion Ratio Lower Upper
146 100
111 40.3 20.3 60.9
148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 51.919 ug/l

RT: 13.826 min Scan# 20

Delta R.T. 0.001 min

Lab File: VD074213.D

Acq: 24 Aug 2022 09:46

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

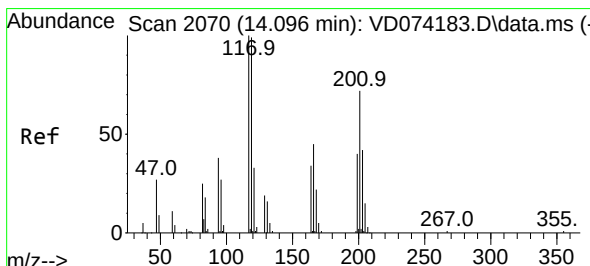
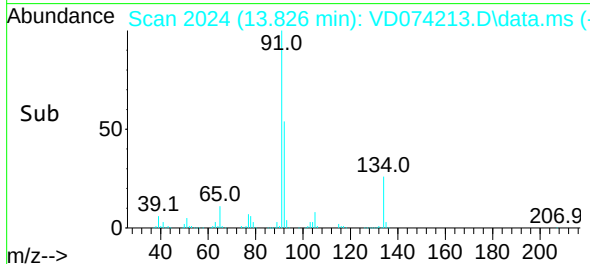
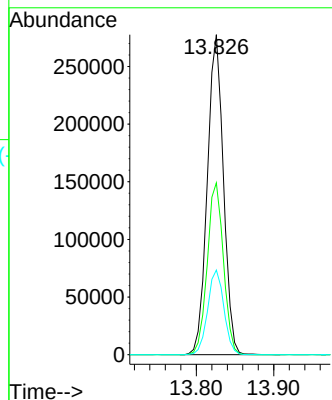
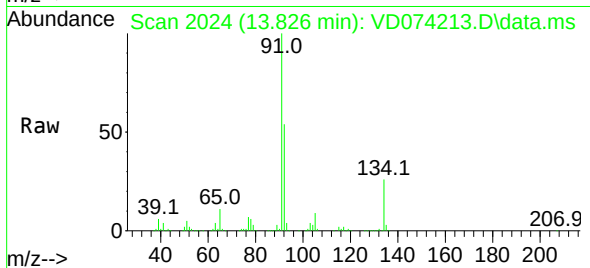
Tgt Ion: 91 Resp: 400918

Ion Ratio Lower Upper

91 100

92 53.8 26.6 79.8

134 26.6 12.3 36.9



#90

Hexachloroethane

Concen: 50.106 ug/l

RT: 14.091 min Scan# 2069

Delta R.T. -0.005 min

Lab File: VD074213.D

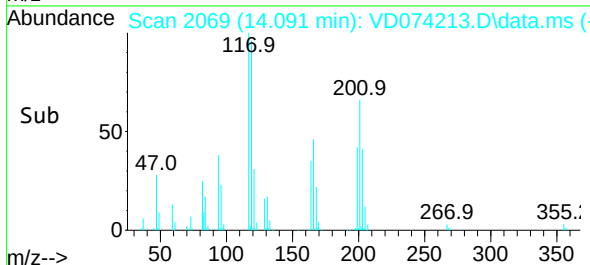
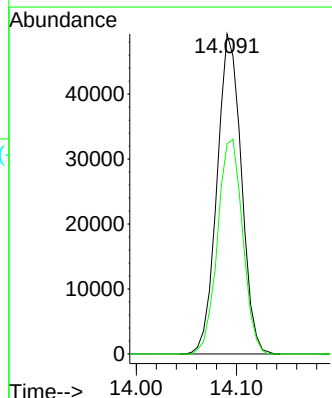
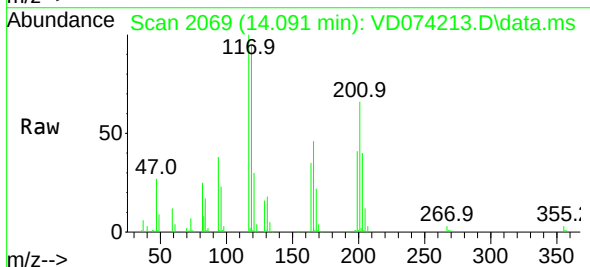
Acq: 24 Aug 2022 09:46

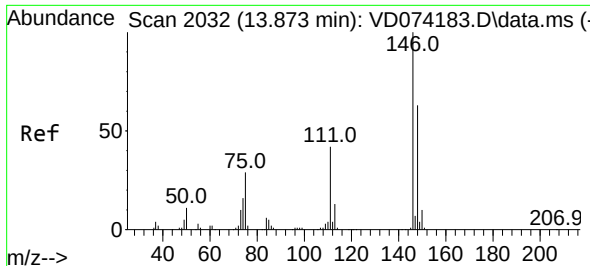
Tgt Ion: 117 Resp: 82819

Ion Ratio Lower Upper

117 100

201 69.3 33.4 100.2

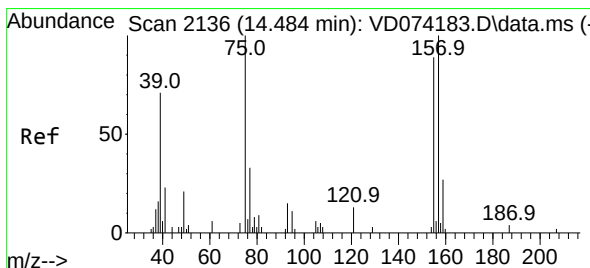
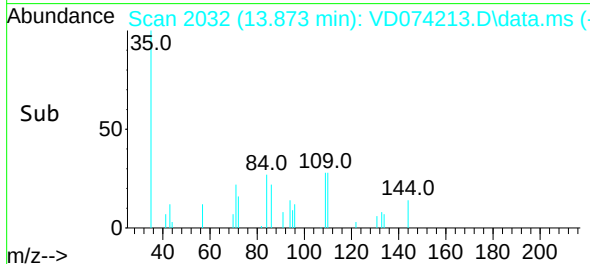
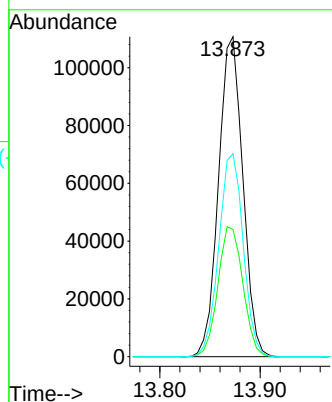
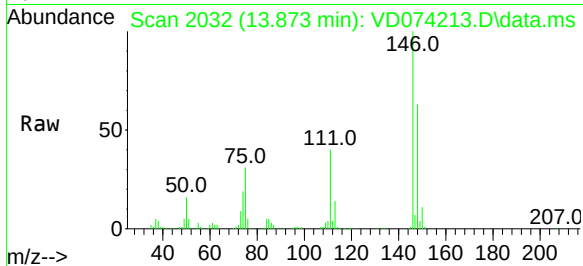




#91
1,2-Dichlorobenzene
Concen: 49.518 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

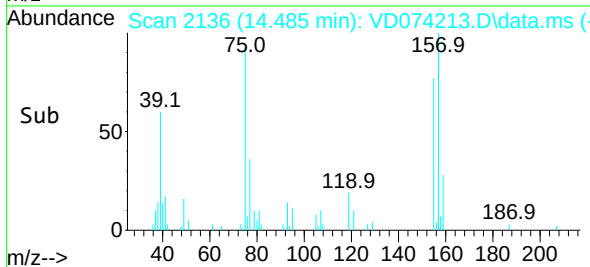
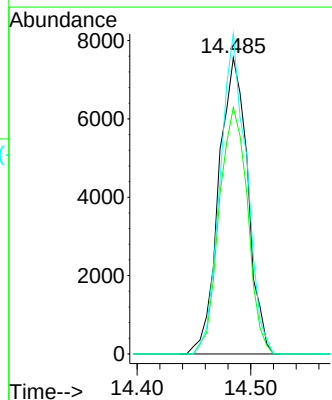
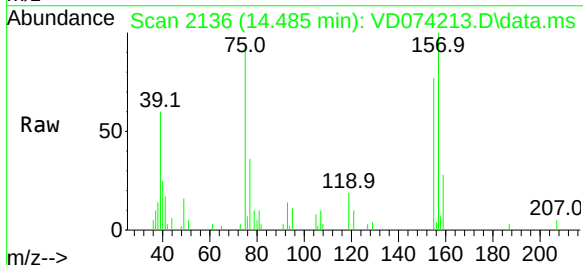
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

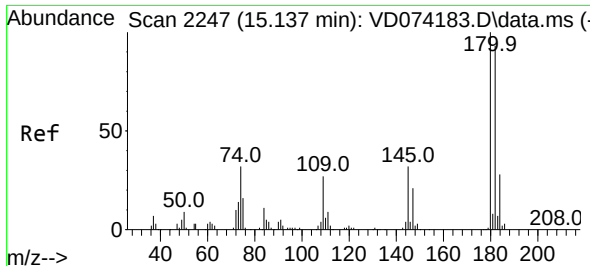
Tgt Ion:146 Resp: 186259
Ion Ratio Lower Upper
146 100
111 41.8 21.1 63.3
148 63.8 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.628 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion: 75 Resp: 13362
Ion Ratio Lower Upper
75 100
155 81.3 36.8 110.3
157 98.7 48.4 145.0

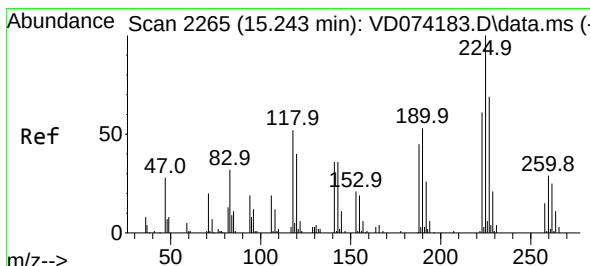
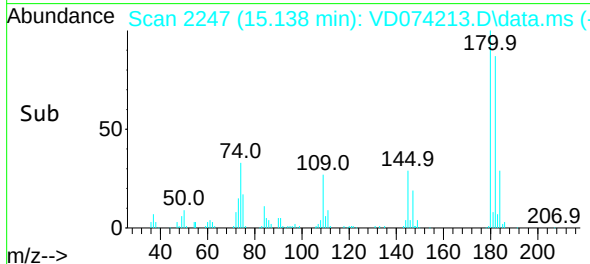
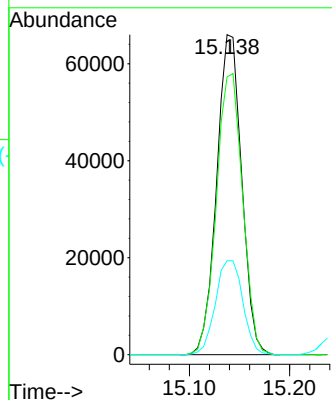
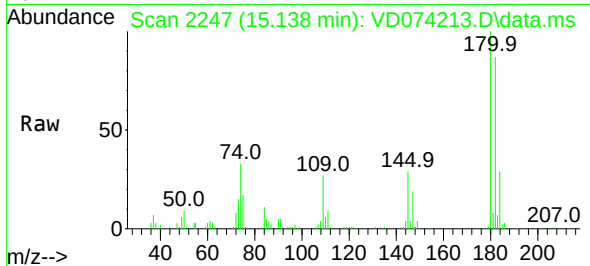




#93
 1,2,4-Trichlorobenzene
 Concen: 49.797 ug/l
 RT: 15.138 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

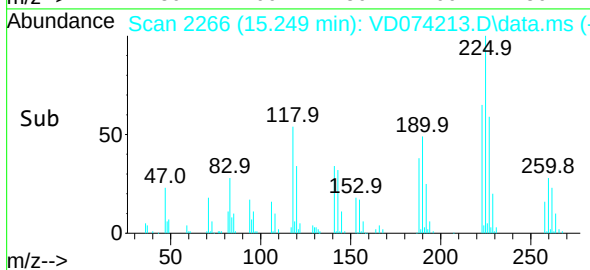
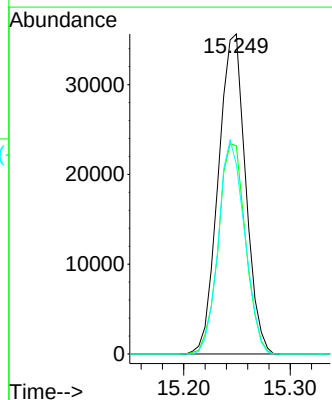
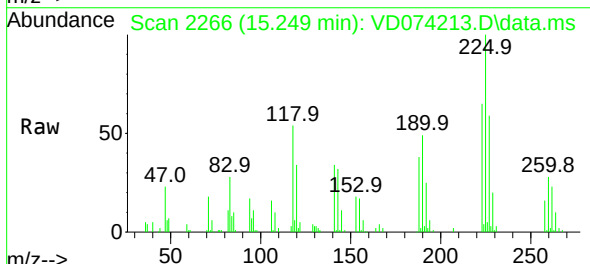
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

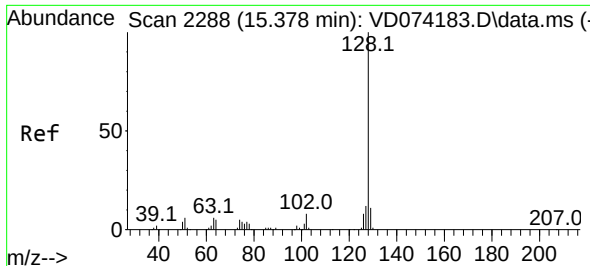
Tgt Ion:180 Resp: 114317
 Ion Ratio Lower Upper
 180 100
 182 92.1 47.3 142.0
 145 32.1 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 49.125 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: VD074213.D
 Acq: 24 Aug 2022 09:46

Tgt Ion:225 Resp: 63288
 Ion Ratio Lower Upper
 225 100
 223 65.4 31.1 93.2
 227 64.2 32.4 97.0

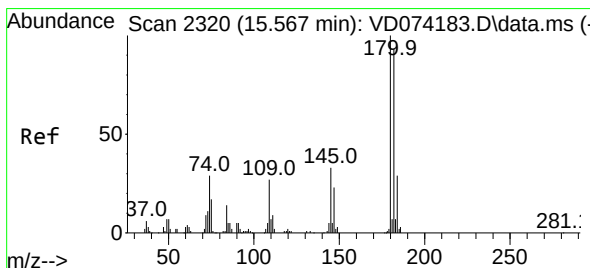
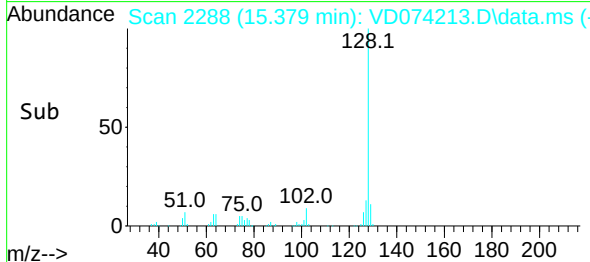
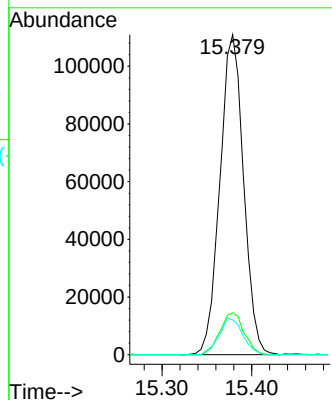
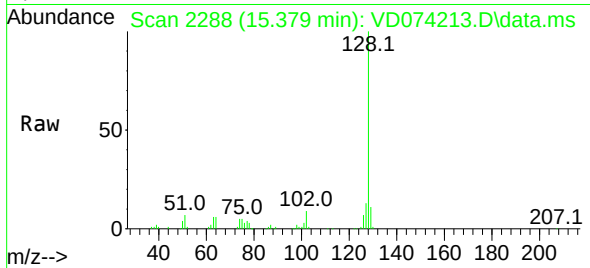




#95
Naphthalene
Concen: 44.045 ug/l
RT: 15.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 202681
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 11.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 49.225 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. 0.006 min
Lab File: VD074213.D
Acq: 24 Aug 2022 09:46

Tgt Ion:180 Resp: 98553
Ion Ratio Lower Upper
180 100
182 93.2 47.6 142.9
145 34.1 17.1 51.3

