

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076282.D
 Acq On : 31 May 2023 12:37
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 31 16:06:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285515	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	270475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	147591	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81822	47.771	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.540%
35) Dibromofluoromethane	7.805	113	98290	49.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.600%
50) Toluene-d8	10.269	98	369620	48.044	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.080%
62) 4-Bromofluorobenzene	12.575	95	107398	50.254	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	100.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65737	41.129	ug/l	97
3) Chloromethane	2.146	50	133740	51.042	ug/l	99
4) Vinyl Chloride	2.281	62	174372	50.586	ug/l	97
5) Bromomethane	2.687	94	117519	50.639	ug/l	97
6) Chloroethane	2.834	64	127241	54.867	ug/l	93
7) Trichlorofluoromethane	3.169	101	133306	45.626	ug/l	99
8) Diethyl Ether	3.593	74	45849	47.718	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	93447	48.556	ug/l	95
10) Methyl Iodide	4.164	142	107673	53.808	ug/l	90
11) Tert butyl alcohol	5.063	59	23096	254.912	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	88455	46.181	ug/l	94
13) Acrolein	3.793	56	50478	227.639	ug/l	98
14) Allyl chloride	4.564	41	92525	47.597	ug/l #	82
15) Acrylonitrile	5.252	53	104344	262.282	ug/l	96
16) Acetone	4.022	43	97067	284.836	ug/l #	77
17) Carbon Disulfide	4.264	76	227822	43.587	ug/l	95
18) Methyl Acetate	4.564	43	61642	50.708	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	196753	52.482	ug/l	98
20) Methylene Chloride	4.799	84	131928	48.684	ug/l #	79
21) trans-1,2-Dichloroethene	5.311	96	107059	48.497	ug/l #	77
22) Diisopropyl ether	6.216	45	247903	54.942	ug/l #	90
23) Vinyl Acetate	6.152	43	563703	317.736	ug/l #	91
24) 1,1-Dichloroethane	6.105	63	186668	52.457	ug/l	99
25) 2-Butanone	7.081	43	115255	268.981	ug/l #	83
26) 2,2-Dichloropropane	7.075	77	153979	53.067	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	127127	51.895	ug/l	86
28) Bromochloromethane	7.428	49	59828	50.423	ug/l #	64
29) Tetrahydrofuran	7.440	42	65424	261.959	ug/l #	66
30) Chloroform	7.593	83	199918	52.535	ug/l	94
31) Cyclohexane	7.875	56	114644	43.704	ug/l #	82
32) 1,1,1-Trichloroethane	7.793	97	156897	51.736	ug/l	96
36) 1,1-Dichloropropene	8.005	75	135668	50.900	ug/l	94
37) Ethyl Acetate	7.169	43	47098	51.029	ug/l #	81
38) Carbon Tetrachloride	7.993	117	124734	51.810	ug/l	99
39) Methylcyclohexane	9.275	83	142681	46.496	ug/l	90
40) Benzene	8.252	78	439080	51.239	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	22438	44.337	ug/l #	63
42) 1,2-Dichloroethane	8.328	62	106594	52.591	ug/l	92
43) Isopropyl Acetate	8.357	43	87611	50.815	ug/l #	82
44) Trichloroethene	9.028	130	117560	48.679	ug/l	92
45) 1,2-Dichloropropane	9.304	63	110175	52.125	ug/l	93
46) Dibromomethane	9.393	93	61822	52.180	ug/l	95
47) Bromodichloromethane	9.581	83	150982	53.024	ug/l	97
48) Methyl methacrylate	9.375	41	37674	49.372	ug/l #	61
49) 1,4-Dioxane	9.387	88	14110	1113.703	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	248541	271.047	ug/l #	83
52) Toluene	10.334	92	285196	53.288	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	133625	52.069	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	164656	52.574	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	90558	53.301	ug/l	96
56) Ethyl methacrylate	10.598	69	90622	53.066	ug/l #	70
57) 1,3-Dichloropropane	10.881	76	142512	53.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	213023	259.982	ug/l	91
59) 2-Hexanone	10.922	43	180827	279.628	ug/l	77
60) Dibromochloromethane	11.075	129	102473	53.641	ug/l	97
61) 1,2-Dibromoethane	11.181	107	80898	53.527	ug/l	98
64) Tetrachloroethene	10.810	164	97210	46.738	ug/l	94
65) Chlorobenzene	11.610	112	312342	50.725	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	110510	52.151	ug/l	92
67) Ethyl Benzene	11.687	91	516686	52.513	ug/l	96
68) m/p-Xylenes	11.793	106	433909	107.902	ug/l	90
69) o-Xylene	12.122	106	198355	54.058	ug/l	90
70) Styrene	12.134	104	349621	54.957	ug/l	94
71) Bromoform	12.298	173	60878	51.075	ug/l #	99
73) Isopropylbenzene	12.422	105	499126	51.122	ug/l	98
74) N-amyl acetate	12.234	43	81555	46.897	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	101035	48.149	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	114971	89.018	ug/l #	100
77) Bromobenzene	12.698	156	130248	49.773	ug/l	89
78) n-propylbenzene	12.763	91	622551	51.228	ug/l	97
79) 2-Chlorotoluene	12.851	91	333951	49.652	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	418433	51.699	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	29511	47.934	ug/l #	73
82) 4-Chlorotoluene	12.945	91	357098	49.915	ug/l	92
83) tert-Butylbenzene	13.169	119	351504	51.388	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	417899	51.846	ug/l	93
85) sec-Butylbenzene	13.345	105	542205	50.863	ug/l	97
86) p-Isopropyltoluene	13.463	119	456281	52.310	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	269862	51.004	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	264410	50.470	ug/l	96
89) n-Butylbenzene	13.787	91	411184	50.023	ug/l	98
90) Hexachloroethane	14.051	117	87592	48.820	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	235062	50.625	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	12899	47.343	ug/l	80
93) 1,2,4-Trichlorobenzene	15.104	180	128103	47.431	ug/l	98
94) Hexachlorobutadiene	15.204	225	62671	45.510	ug/l	96
95) Naphthalene	15.334	128	244990	48.819	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	114277	46.524	ug/l	99

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

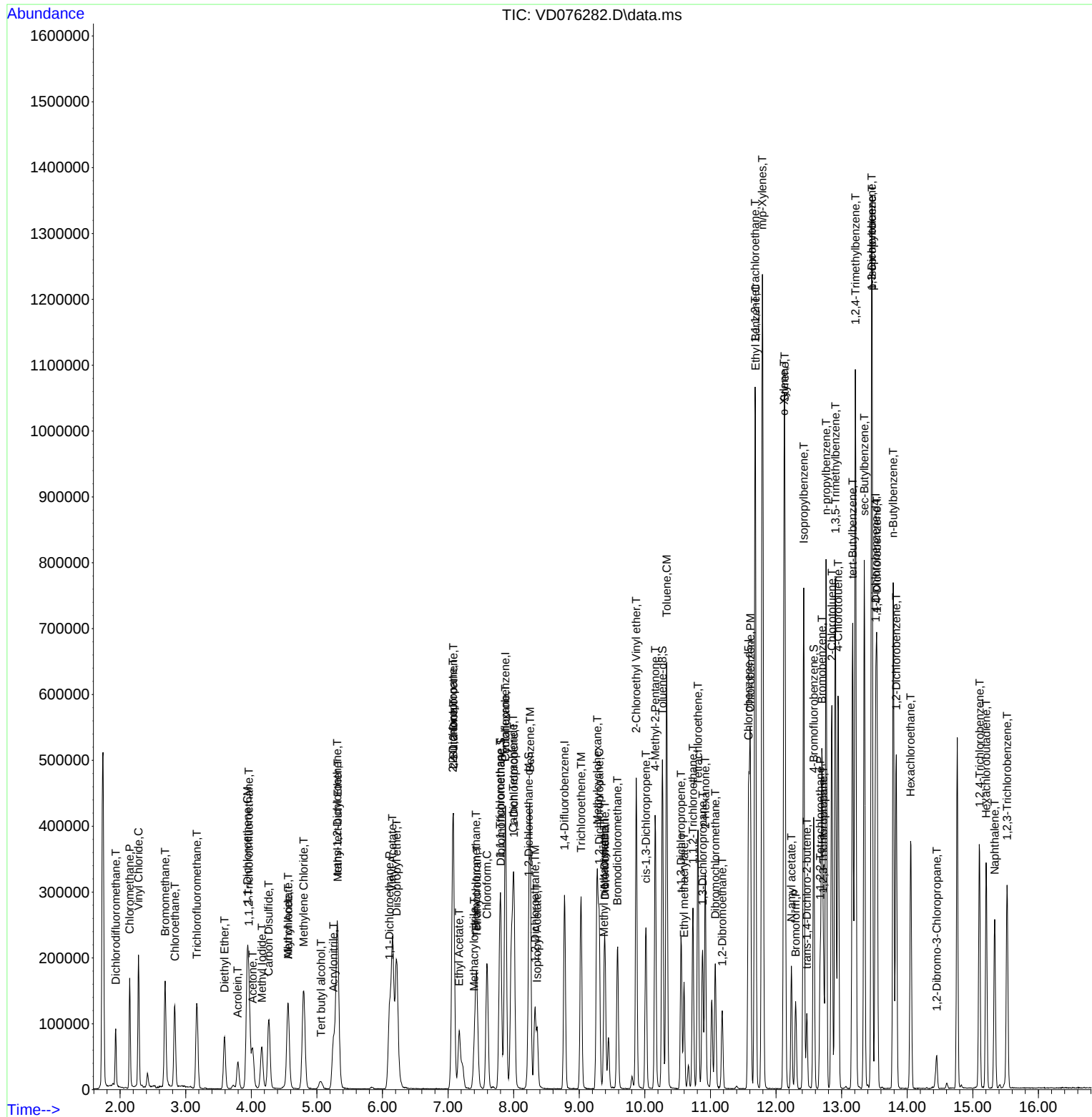
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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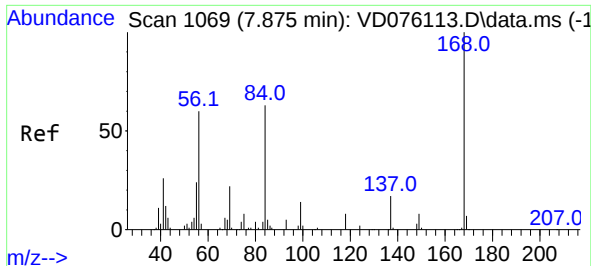
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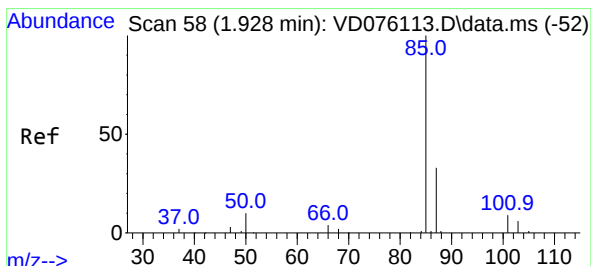
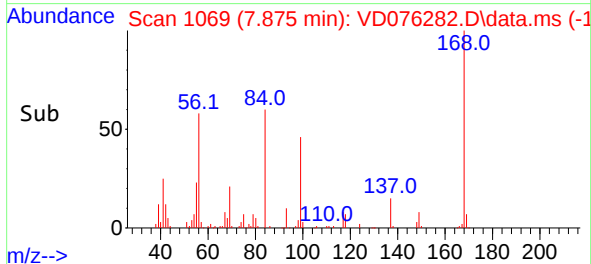
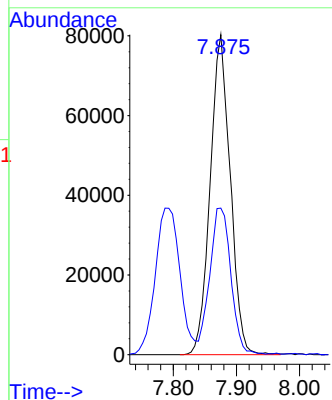
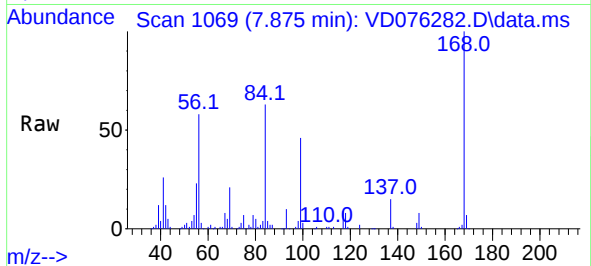




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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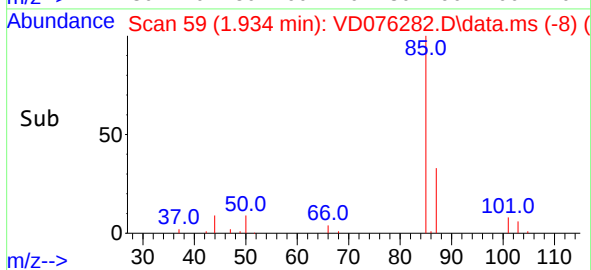
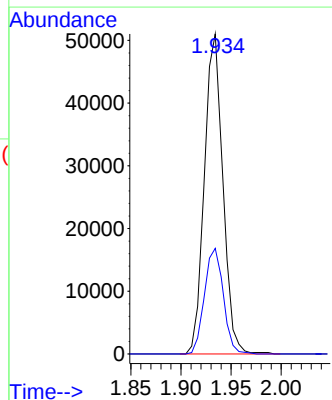
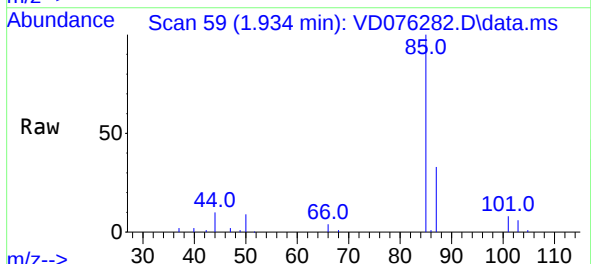
Instrument :
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VSTDCCC050

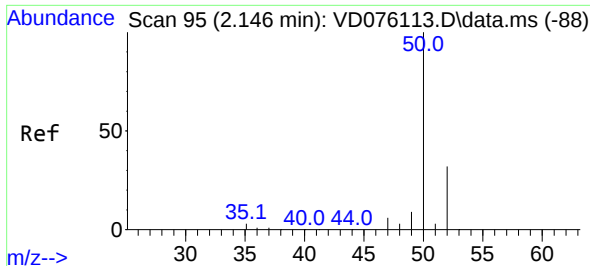
Tgt Ion:168 Resp: 177221
Ion Ratio Lower Upper
168 100
99 45.6 43.8 65.6



#2
Dichlorodifluoromethane
Concen: 41.129 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 85 Resp: 65737
Ion Ratio Lower Upper
85 100
87 33.0 17.3 51.7

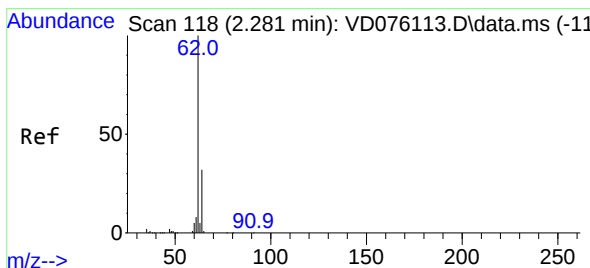
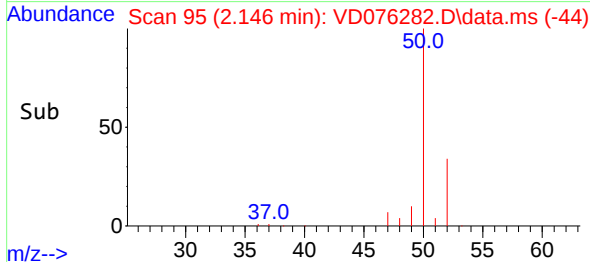
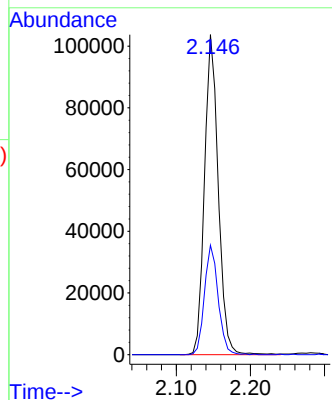
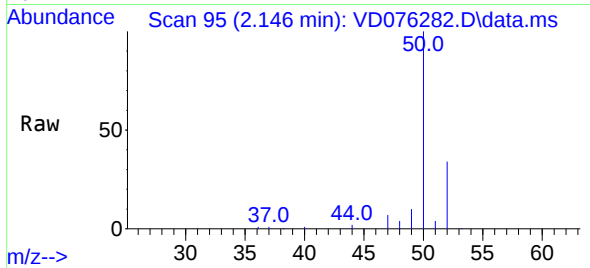




#3
Chloromethane
Concen: 51.042 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076282.D
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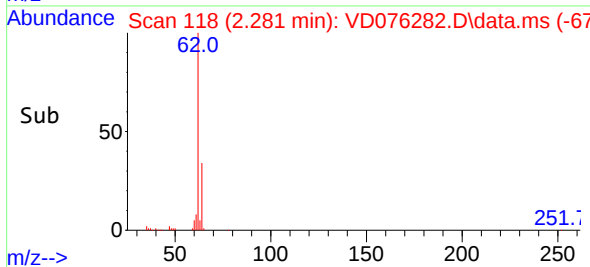
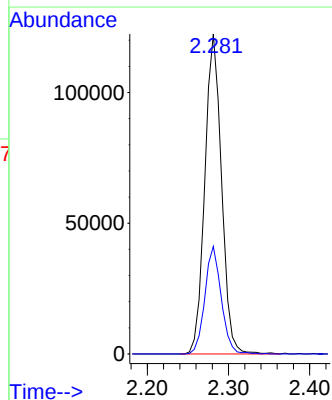
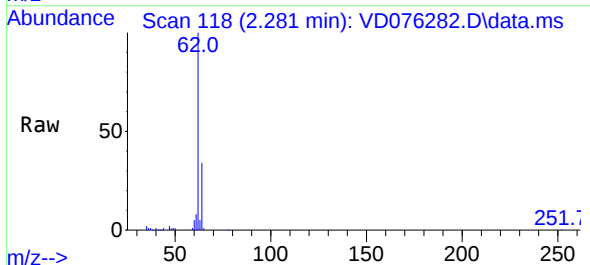
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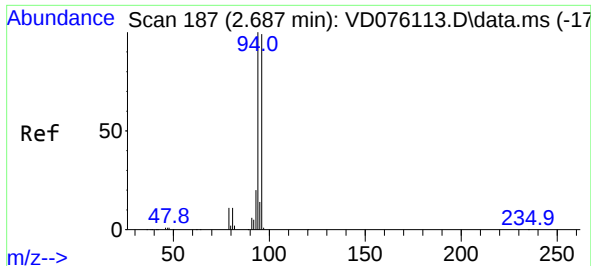
Tgt Ion: 50 Resp: 133740
Ion Ratio Lower Upper
50 100
52 34.2 27.8 41.8



#4
Vinyl Chloride
Concen: 50.586 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 62 Resp: 174372
Ion Ratio Lower Upper
62 100
64 33.6 25.4 38.0

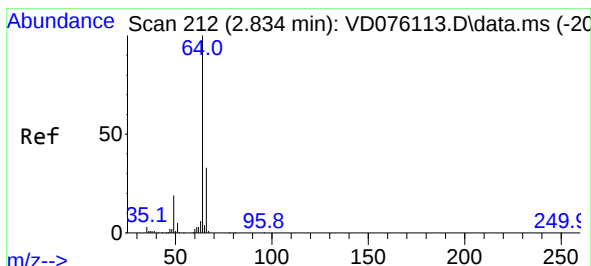
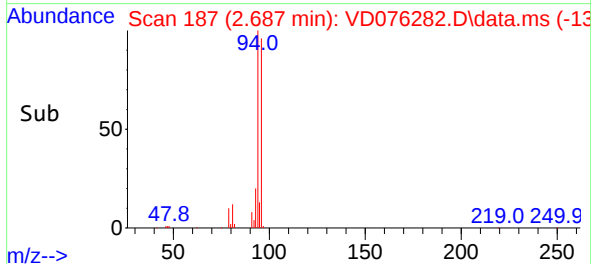
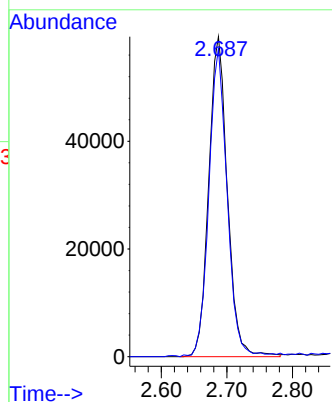
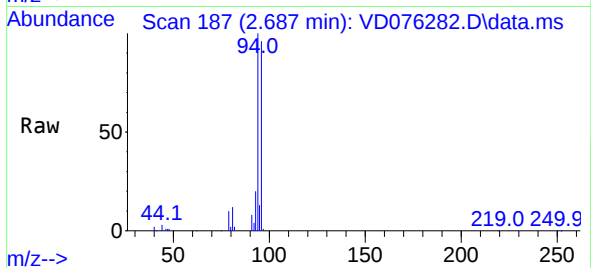




#5
Bromomethane
Concen: 50.639 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD076282.D
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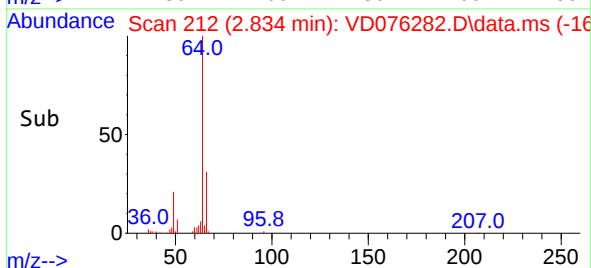
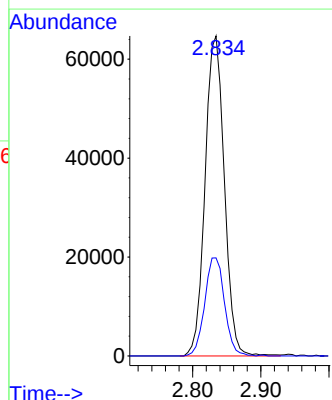
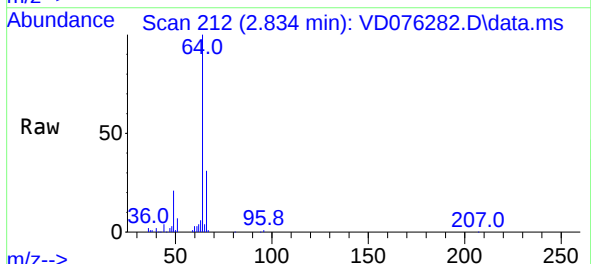
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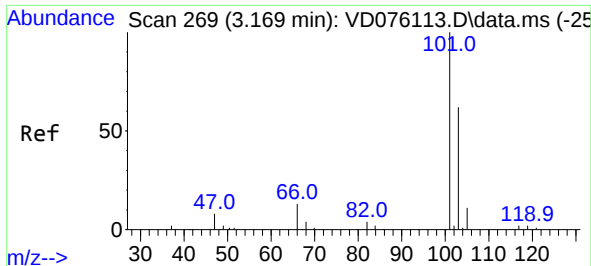
Tgt Ion: 94 Resp: 117519
Ion Ratio Lower Upper
94 100
96 94.1 77.5 116.3



#6
Chloroethane
Concen: 54.867 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 64 Resp: 127241
Ion Ratio Lower Upper
64 100
66 30.6 27.7 41.5

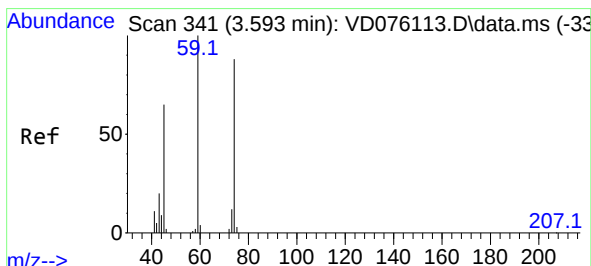
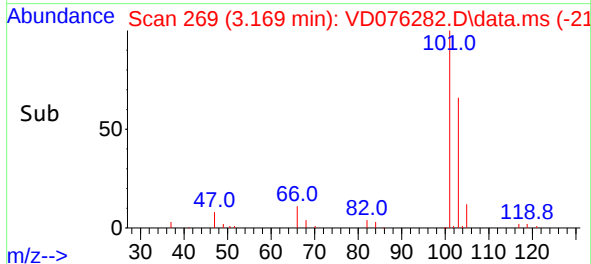
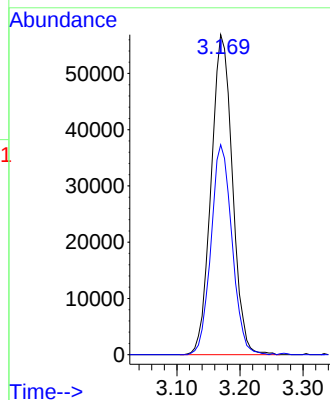
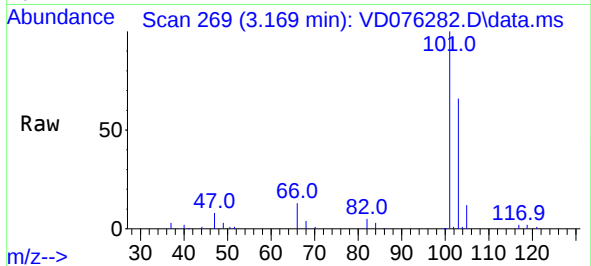




#7
Trichlorofluoromethane
Concen: 45.626 ug/l
RT: 3.169 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD076282.D
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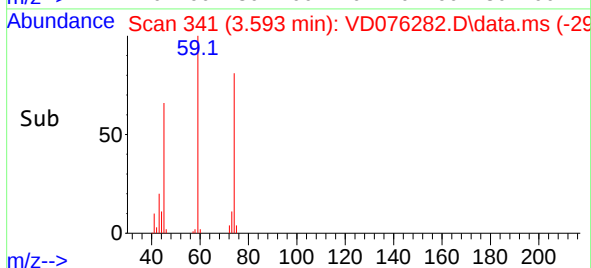
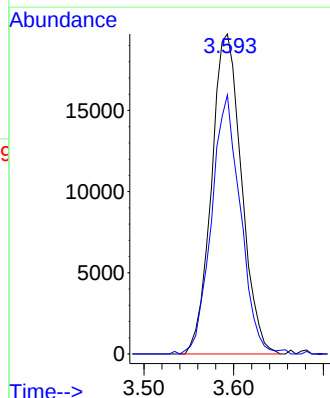
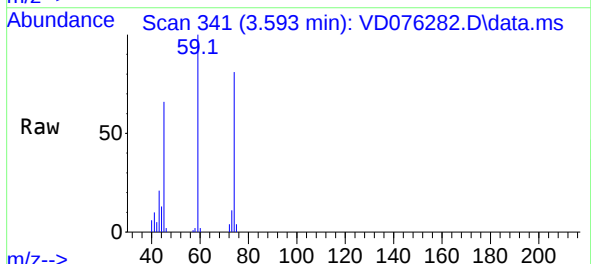
Instrument :
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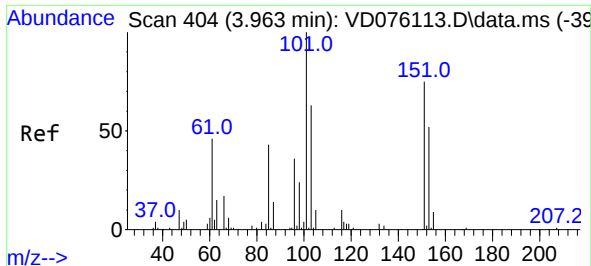
Tgt Ion:101 Resp: 133306
Ion Ratio Lower Upper
101 100
103 65.6 51.9 77.9



#8
Diethyl Ether
Concen: 47.718 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 74 Resp: 45849
Ion Ratio Lower Upper
74 100
45 78.0 50.9 152.7

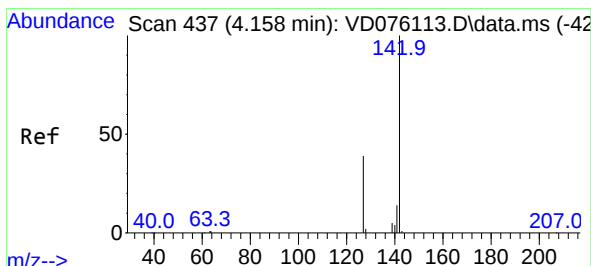
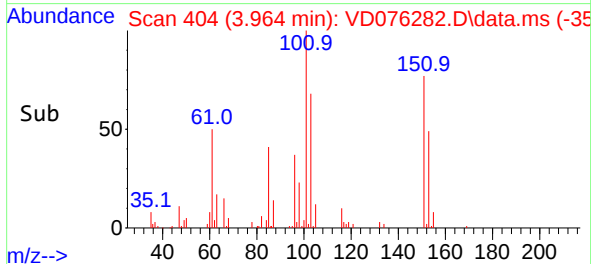
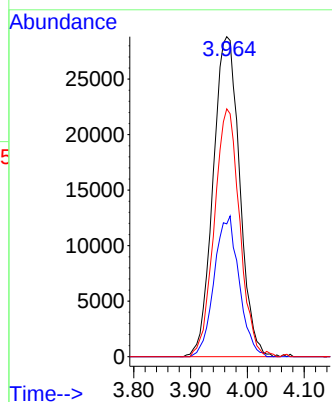
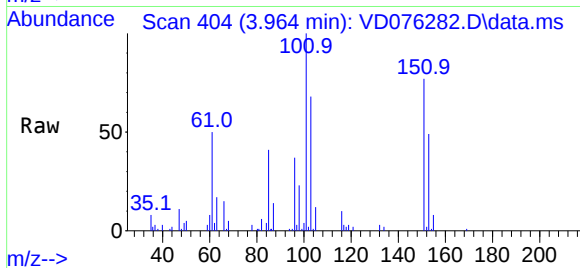




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.556 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

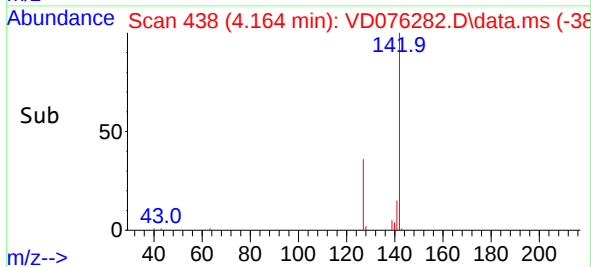
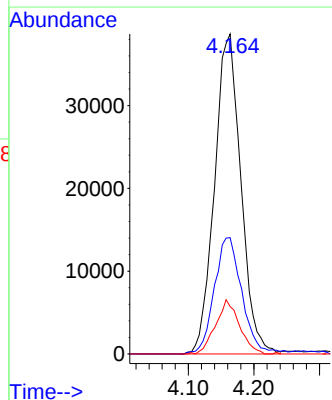
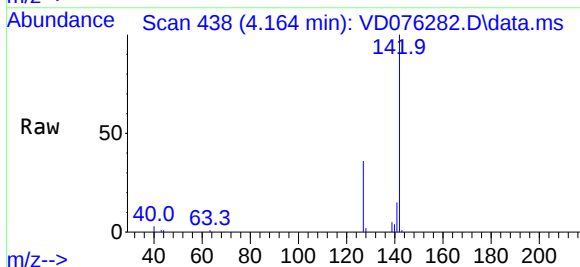
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

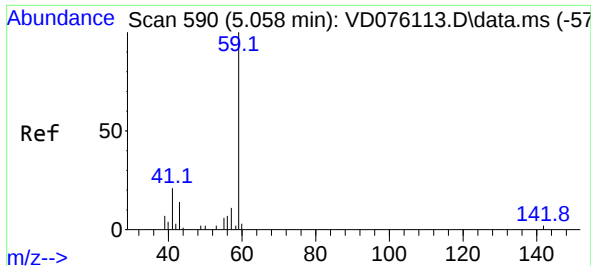
Tgt Ion:	101	Resp:	93447
Ion	Ratio	Lower	Upper
101	100		
85	41.2	38.3	57.5
151	74.2	60.4	90.6



#10
Methyl Iodide
Concen: 53.808 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:	142	Resp:	107673
Ion	Ratio	Lower	Upper
142	100		
127	38.3	37.1	55.7
141	15.3	11.3	16.9

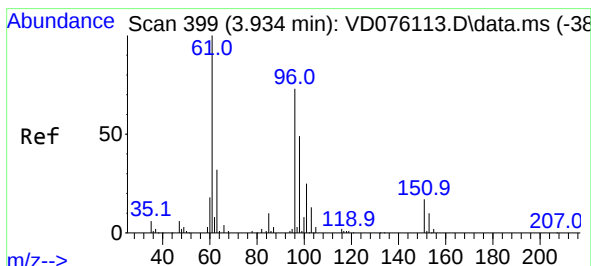
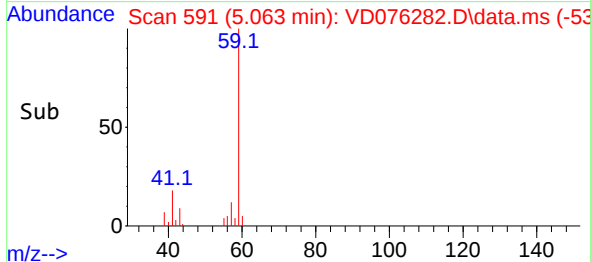
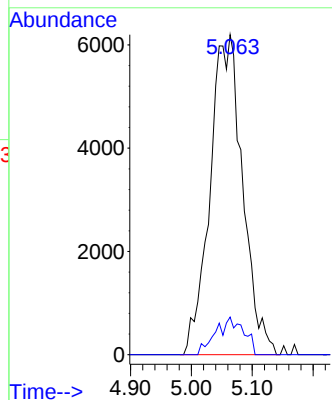
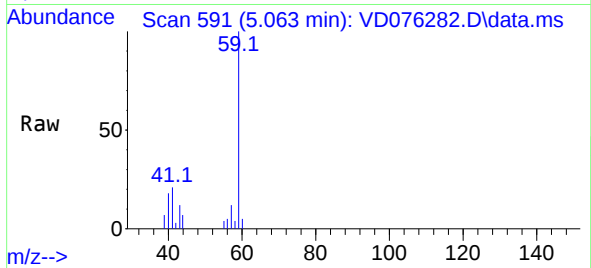




#11
Tert butyl alcohol
Concen: 254.912 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

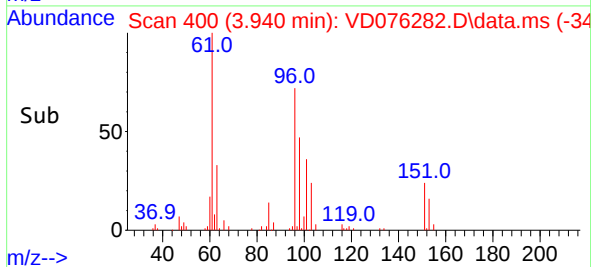
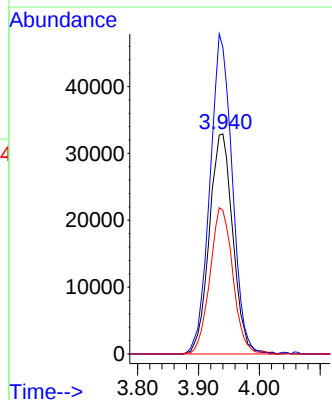
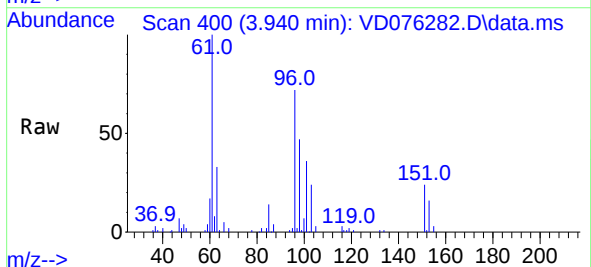
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

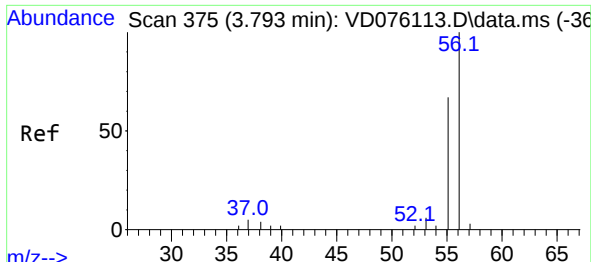
Tgt Ion: 59 Resp: 23096
Ion Ratio Lower Upper
59 100
57 10.0 0.0 0.0#



#12
1,1-Dichloroethene
Concen: 46.181 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 96 Resp: 88455
Ion Ratio Lower Upper
96 100
61 139.4 118.6 177.8
98 65.2 49.7 74.5

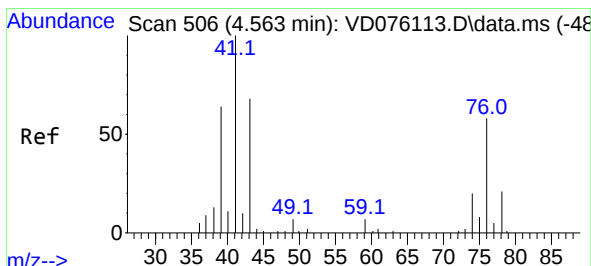
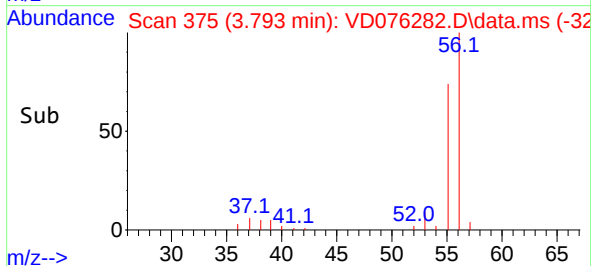
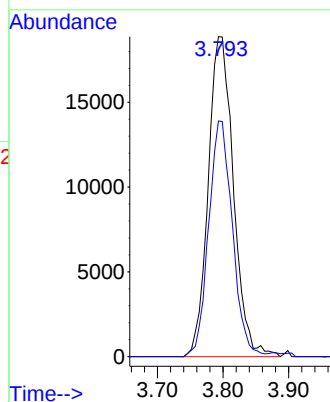
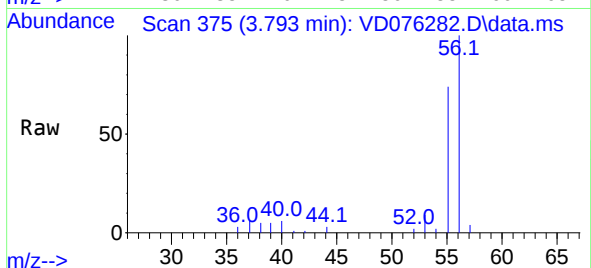




#13
Acrolein
Concen: 227.639 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

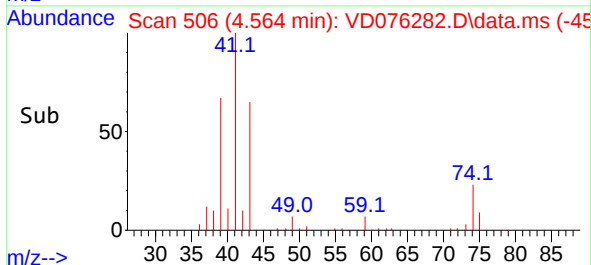
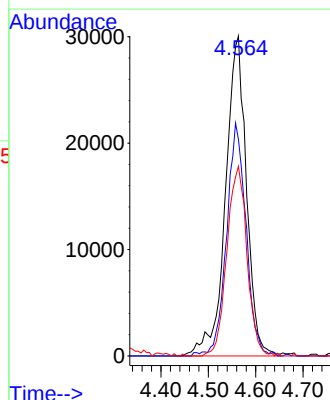
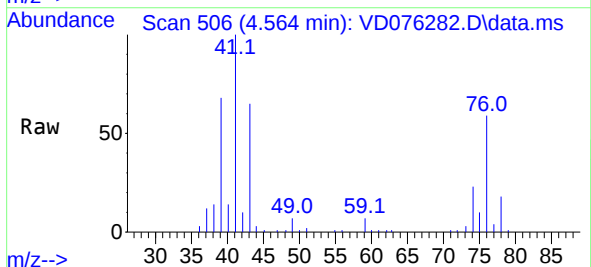
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

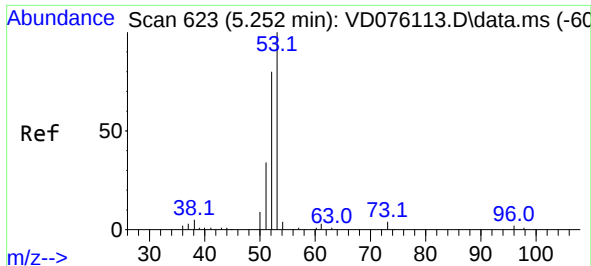
Tgt Ion: 56 Resp: 50478
Ion Ratio Lower Upper
56 100
55 69.3 53.9 80.9



#14
Allyl chloride
Concen: 47.597 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 41 Resp: 92525
Ion Ratio Lower Upper
41 100
39 67.5 60.6 90.8
76 56.9 28.6 43.0#

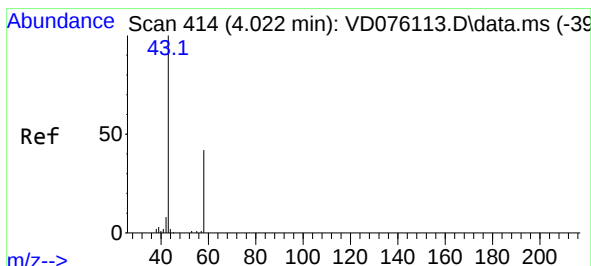
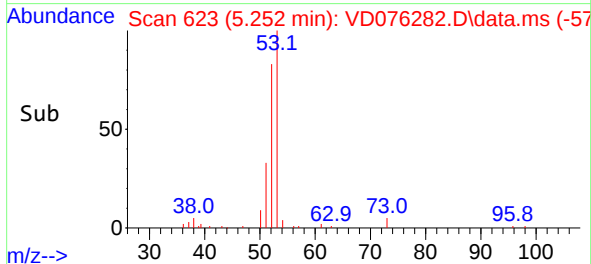
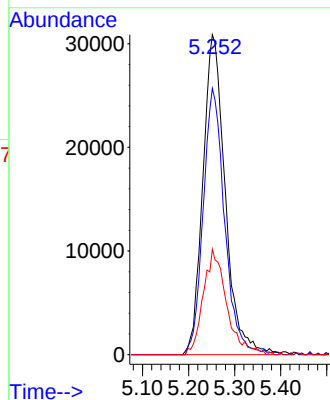
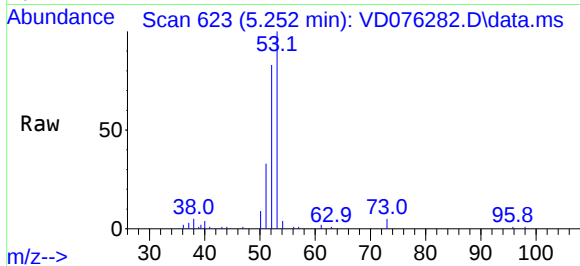




#15
Acrylonitrile
Concen: 262.282 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

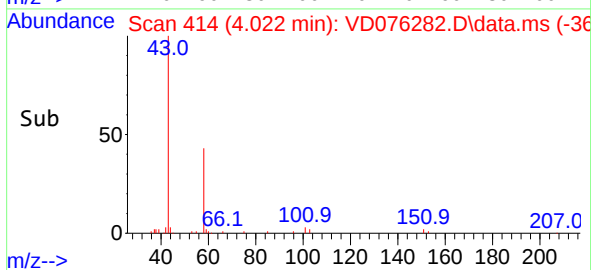
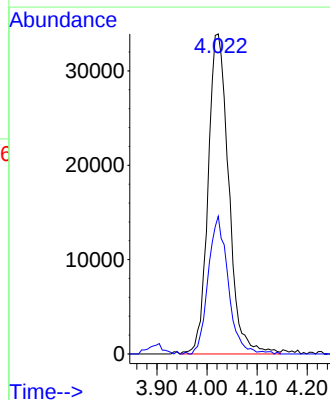
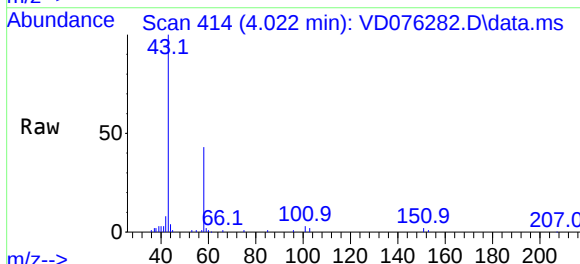
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

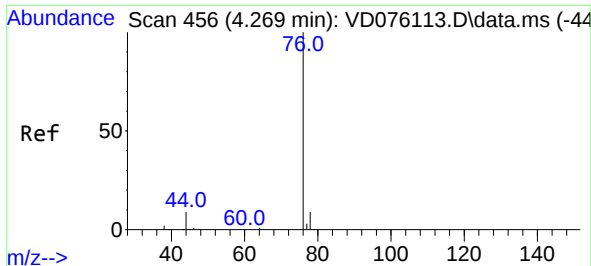
Tgt Ion: 53 Resp: 104344
Ion Ratio Lower Upper
53 100
52 79.8 66.2 99.4
51 34.2 30.7 46.1



#16
Acetone
Concen: 284.836 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 43 Resp: 97067
Ion Ratio Lower Upper
43 100
58 43.1 24.4 36.6#

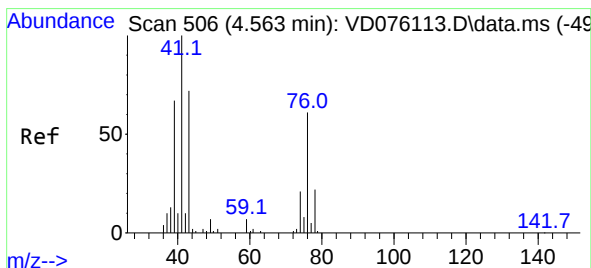
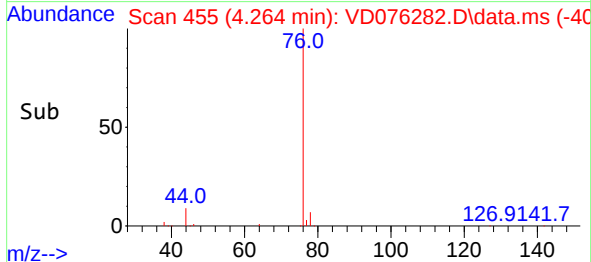
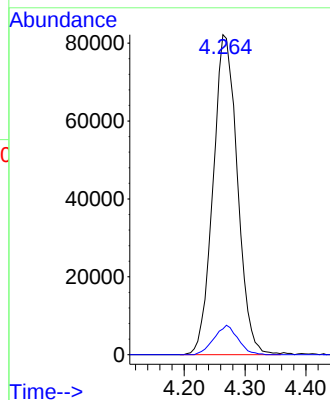
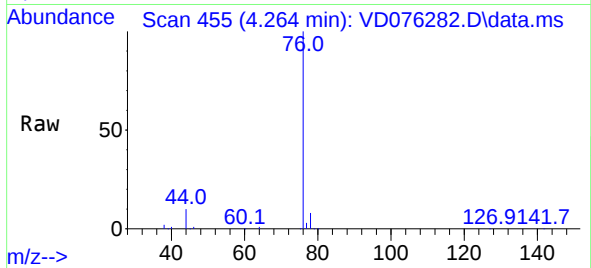




#17
Carbon Disulfide
Concen: 43.587 ug/l
RT: 4.264 min Scan# 417
Delta R.T. -0.005 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

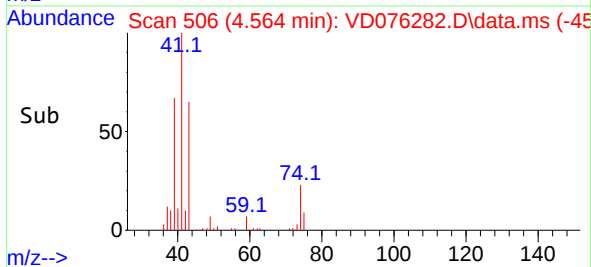
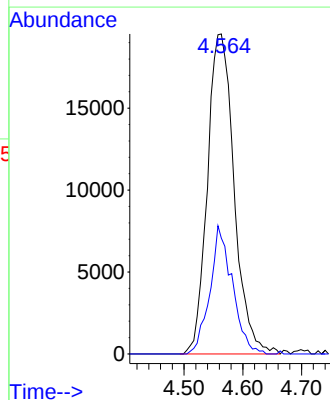
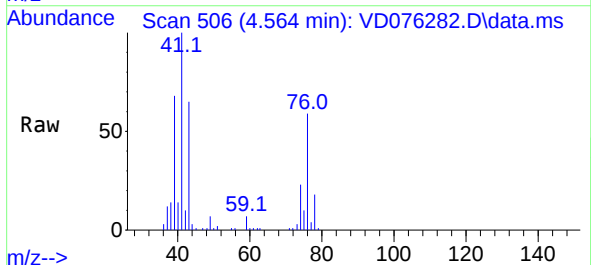
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

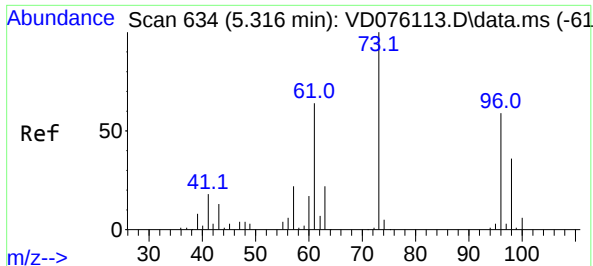
Tgt Ion: 76 Resp: 227822
Ion Ratio Lower Upper
76 100
78 8.0 8.0 12.0



#18
Methyl Acetate
Concen: 50.708 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 43 Resp: 61642
Ion Ratio Lower Upper
43 100
74 33.6 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.482 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076282.D

Acq: 31 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

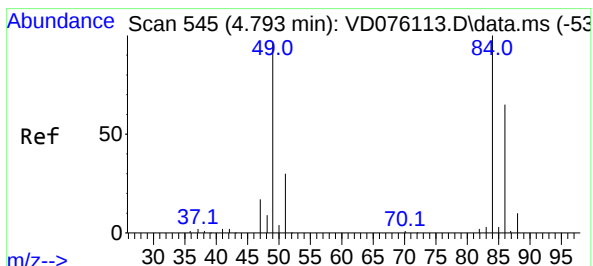
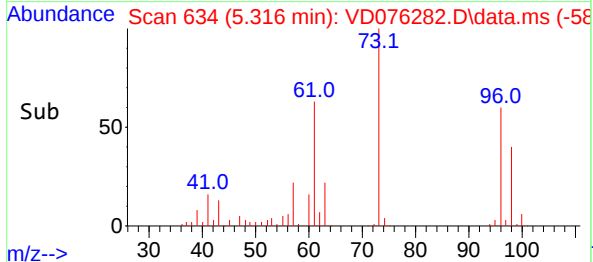
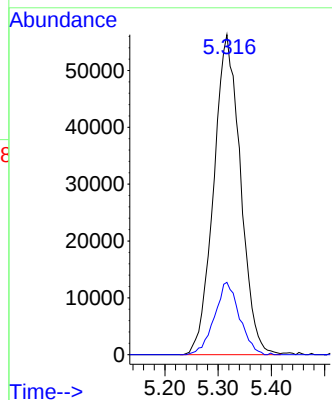
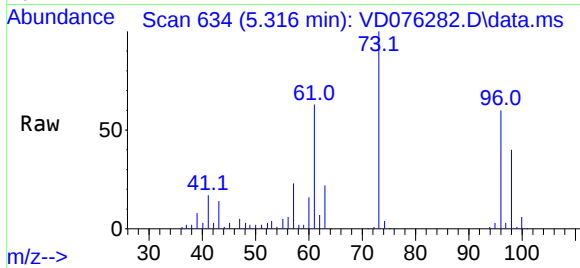
VSTDCCC050

Tgt Ion: 73 Resp: 196753

Ion Ratio Lower Upper

73 100

57 22.6 17.2 25.8



#20

Methylene Chloride

Concen: 48.684 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076282.D

Acq: 31 May 2023 12:37

Tgt Ion: 84 Resp: 131928

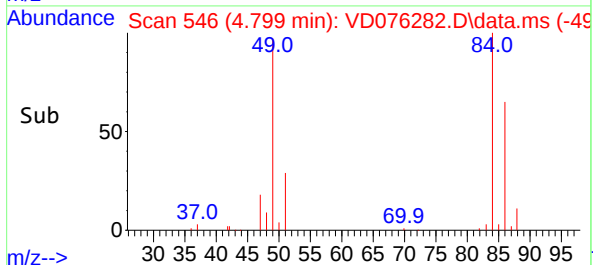
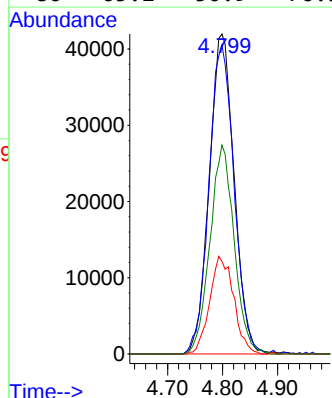
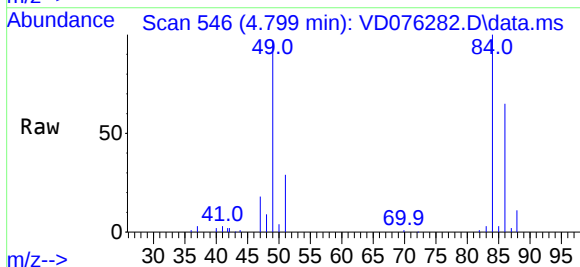
Ion Ratio Lower Upper

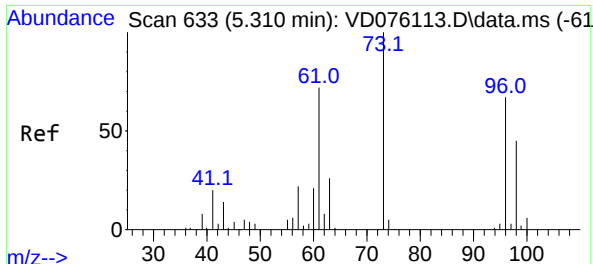
84 100

49 96.6 106.4 159.6#

51 28.9 32.4 48.6#

86 65.2 50.9 76.3

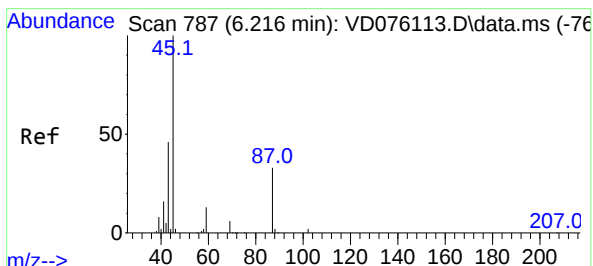
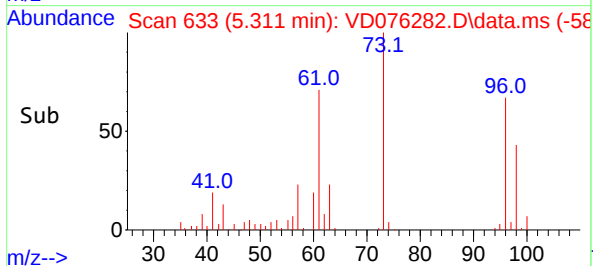
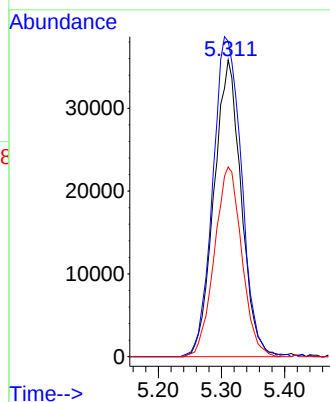
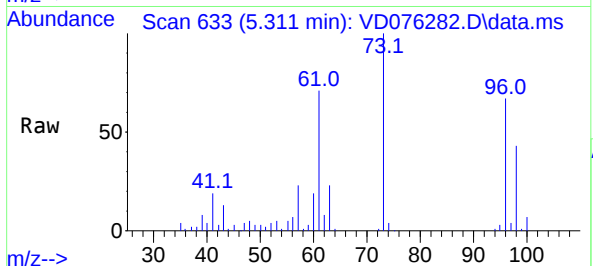




#21
trans-1,2-Dichloroethene
Concen: 48.497 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.005 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

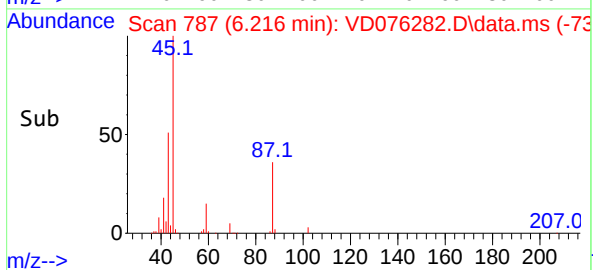
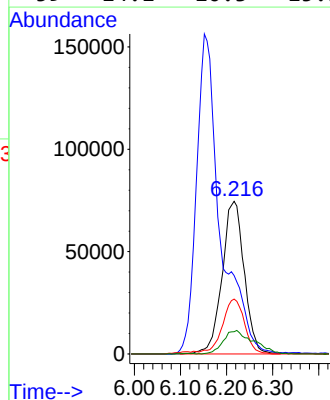
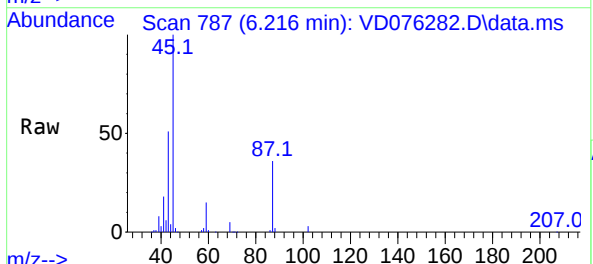
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

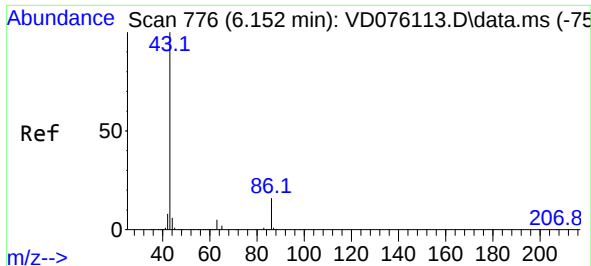
Tgt Ion: 96 Resp: 107059
Ion Ratio Lower Upper
96 100
61 106.2 117.2 175.8#
98 63.9 50.6 76.0



#22
Diisopropyl ether
Concen: 54.942 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 45 Resp: 247903
Ion Ratio Lower Upper
45 100
43 50.3 44.4 66.6
87 36.0 20.9 31.3#
59 14.1 10.3 15.5

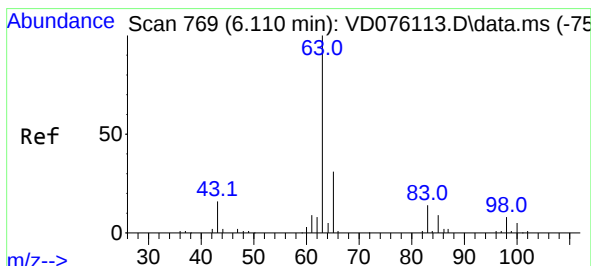
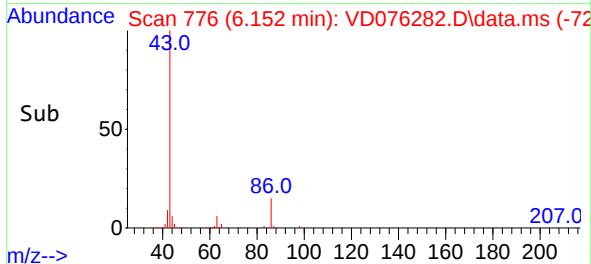
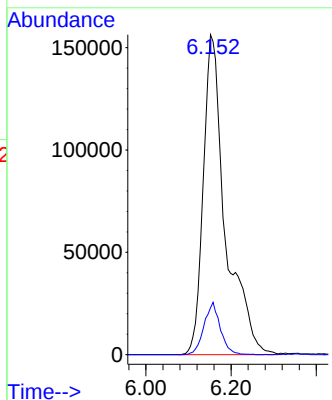
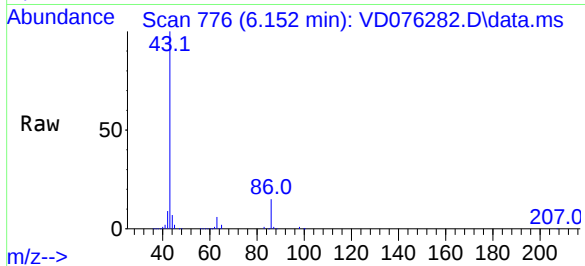




#23
Vinyl Acetate
Concen: 317.736 ug/l
RT: 6.152 min Scan# 776
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

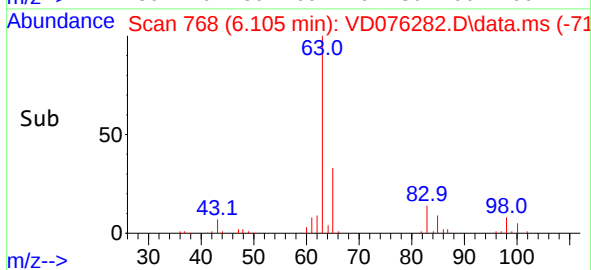
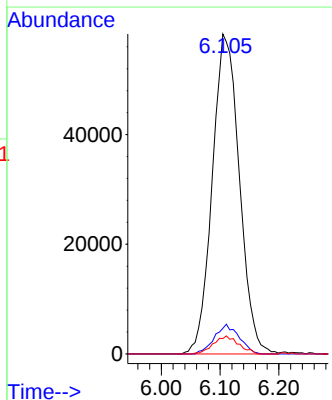
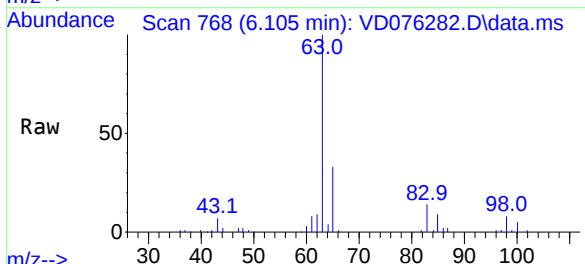
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

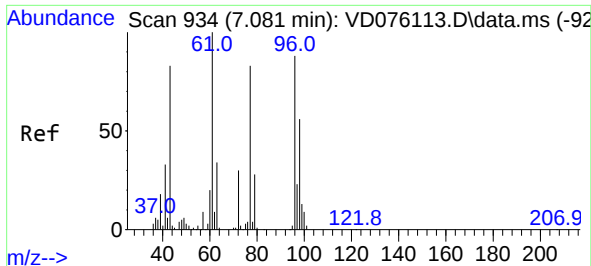
Tgt Ion: 43 Resp: 563703
Ion Ratio Lower Upper
43 100
86 14.7 9.0 13.6#



#24
1,1-Dichloroethane
Concen: 52.457 ug/l
RT: 6.105 min Scan# 768
Delta R.T. -0.005 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 63 Resp: 186668
Ion Ratio Lower Upper
63 100
98 8.0 3.9 11.7
100 4.8 2.0 6.0

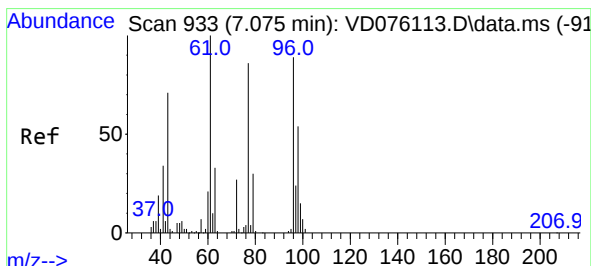
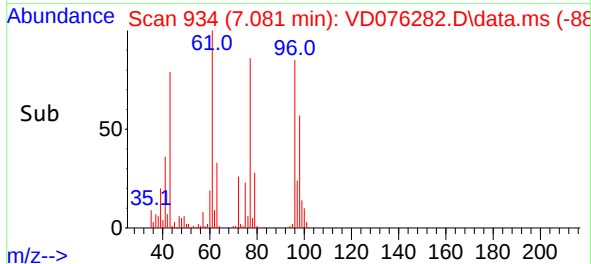
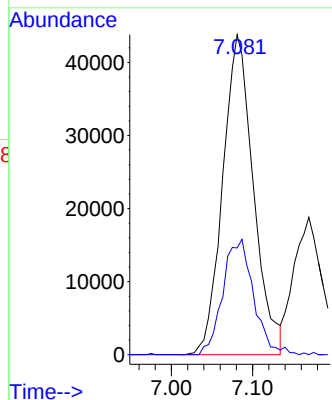
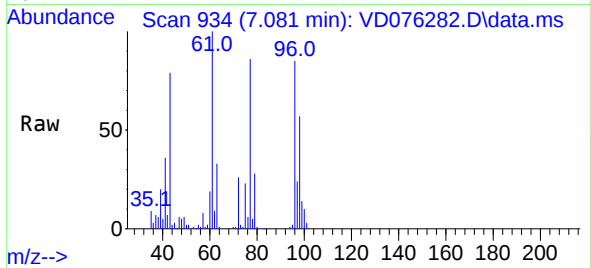




#25
2-Butanone
Concen: 268.981 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

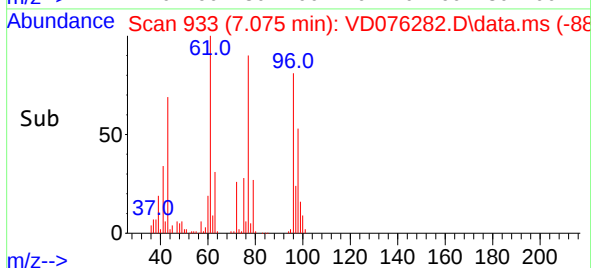
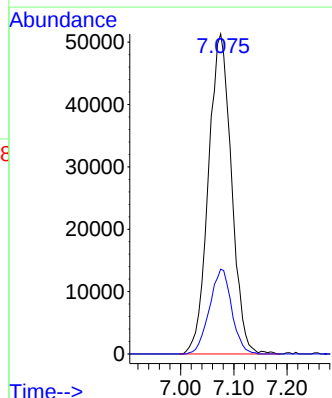
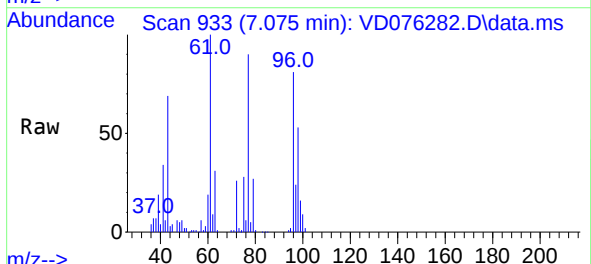
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

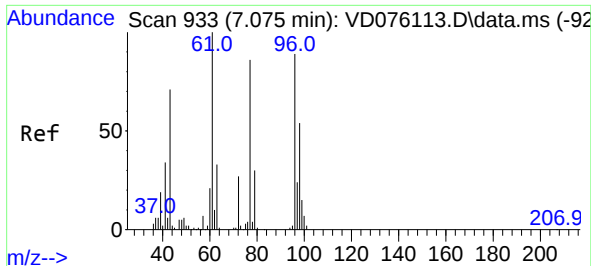
Tgt Ion: 43 Resp: 115255
Ion Ratio Lower Upper
43 100
72 33.4 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 53.067 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 77 Resp: 153979
Ion Ratio Lower Upper
77 100
97 25.5 11.1 33.1





#27

cis-1,2-Dichloroethene

Concen: 51.895 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076282.D

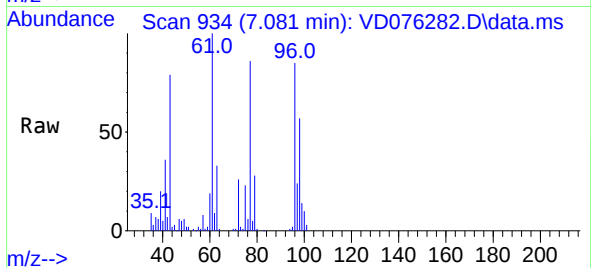
Acq: 31 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



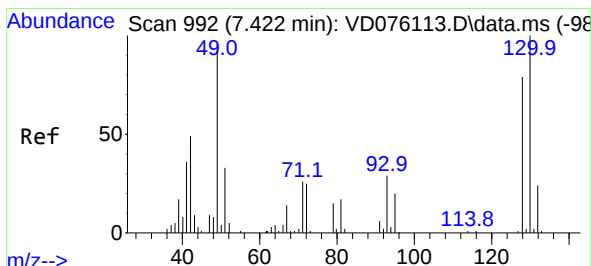
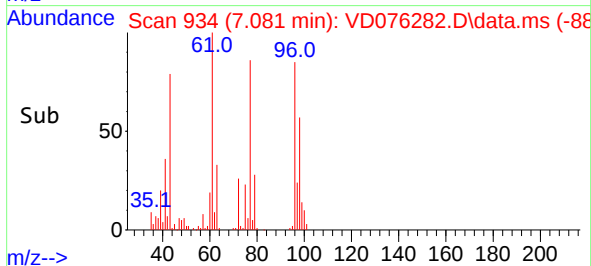
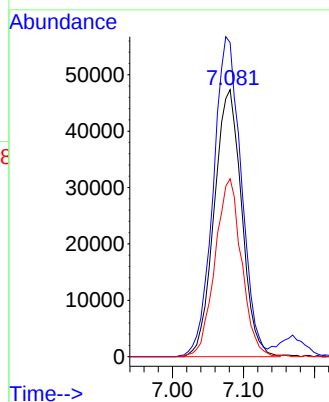
Tgt Ion: 96 Resp: 127127

Ion Ratio Lower Upper

96 100

61 122.1 0.0 295.2

98 64.6 0.0 129.2



#28

Bromochloromethane

Concen: 50.423 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD076282.D

Acq: 31 May 2023 12:37

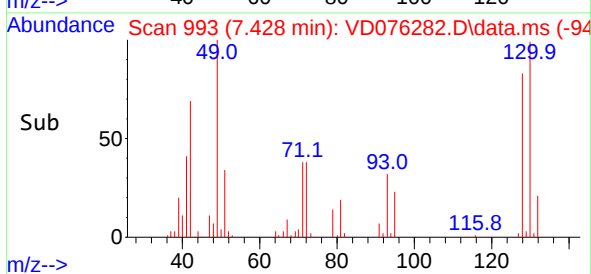
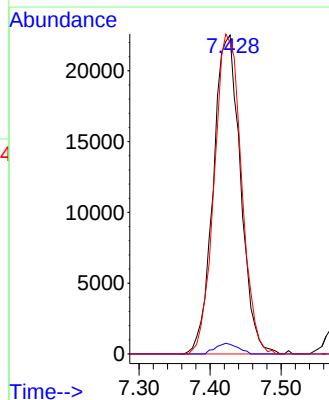
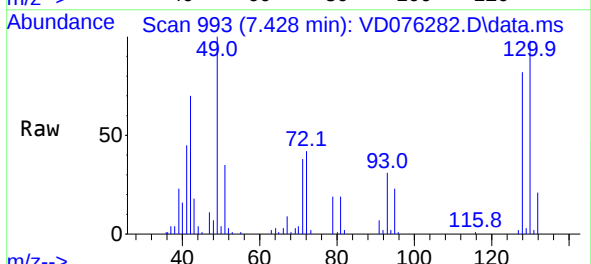
Tgt Ion: 49 Resp: 59828

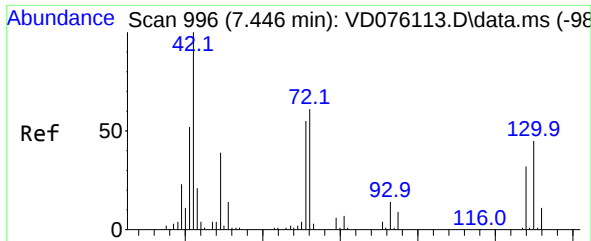
Ion Ratio Lower Upper

49 100

129 2.7 0.0 2.2#

130 100.3 56.0 84.0#

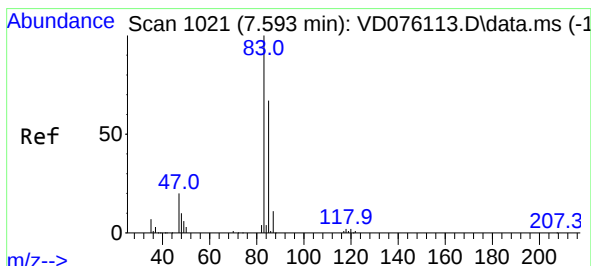
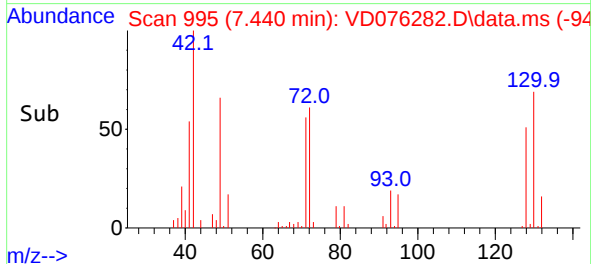
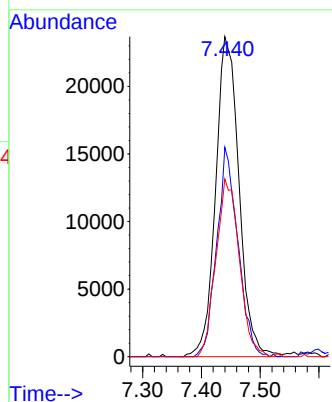
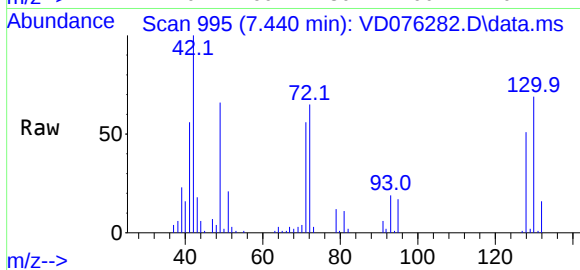




#29
Tetrahydrofuran
Concen: 261.959 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

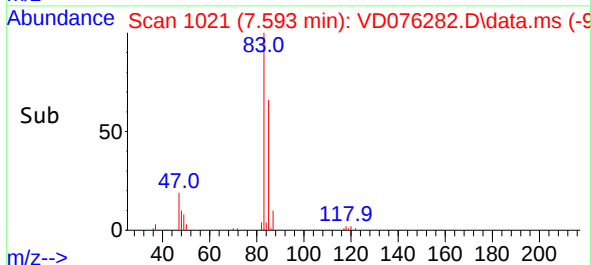
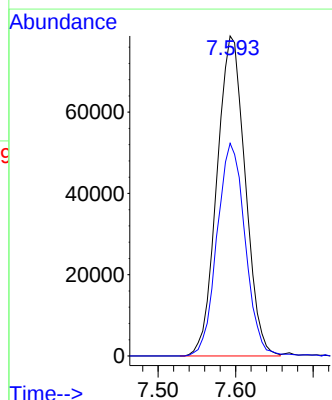
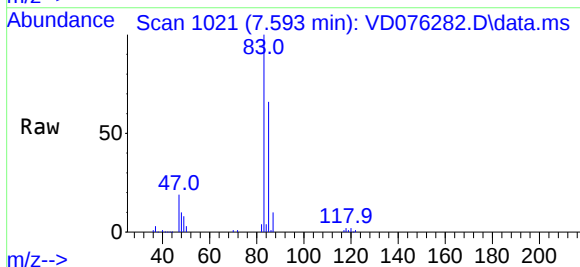
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

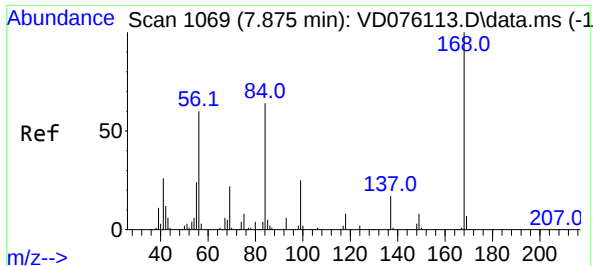
Tgt Ion: 42 Resp: 65424
Ion Ratio Lower Upper
42 100
72 59.4 31.8 47.6#
71 55.5 27.6 41.4#



#30
Chloroform
Concen: 52.535 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 83 Resp: 199918
Ion Ratio Lower Upper
83 100
85 66.5 49.4 74.2

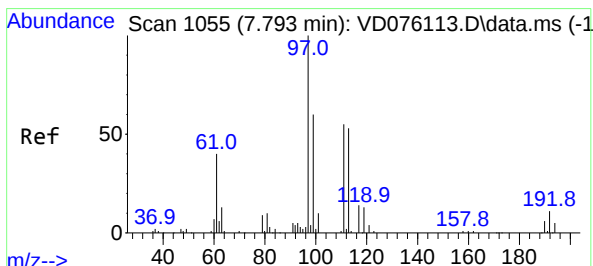
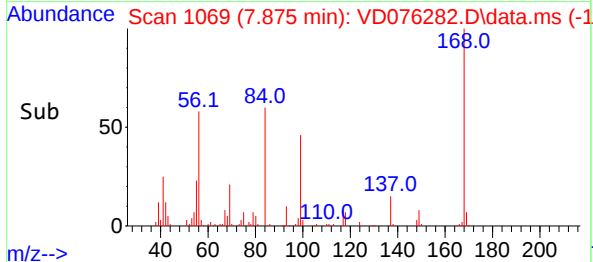
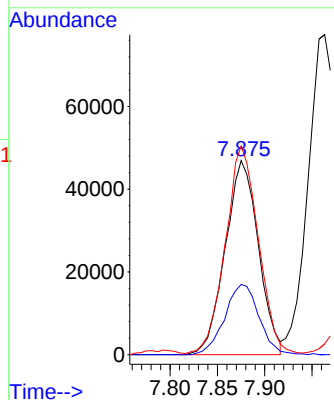
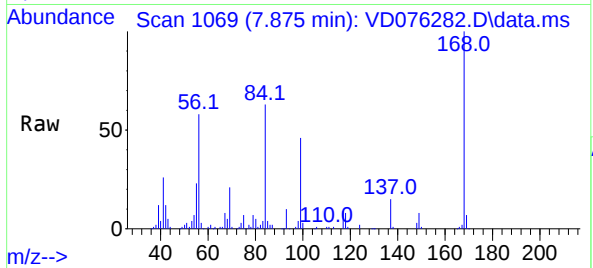




#31
Cyclohexane
Concen: 43.704 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

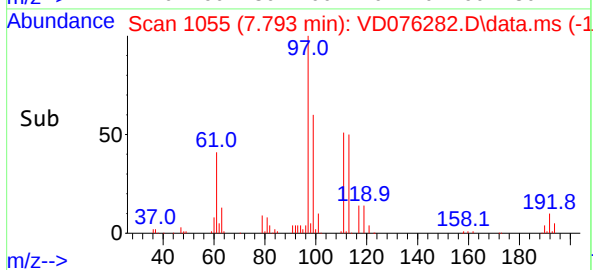
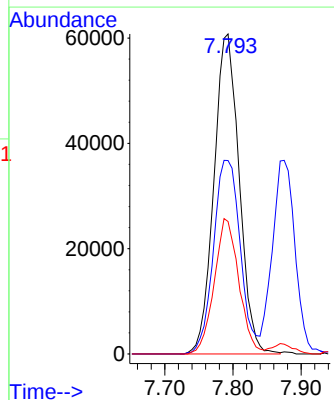
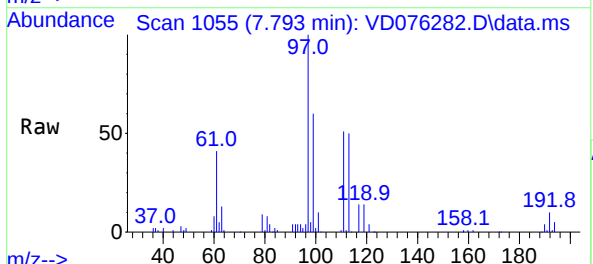
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

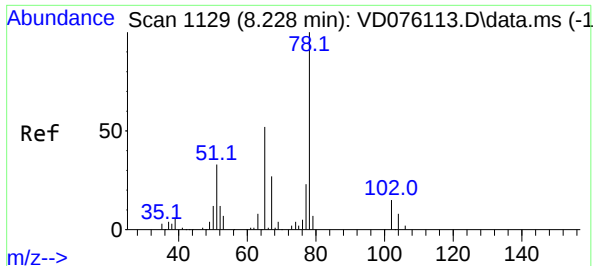
Tgt Ion: 56 Resp: 114644
Ion Ratio Lower Upper
56 100
69 36.2 25.5 38.3
84 106.6 69.6 104.4#



#32
1,1,1-Trichloroethane
Concen: 51.736 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 97 Resp: 156897
Ion Ratio Lower Upper
97 100
99 64.5 50.5 75.7
61 41.2 36.6 55.0

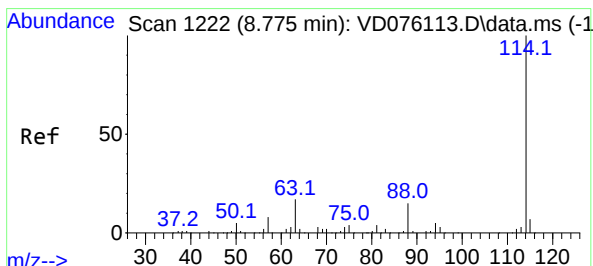
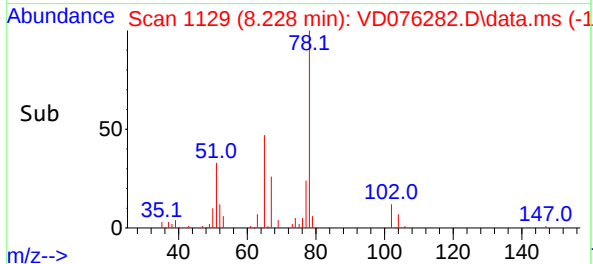
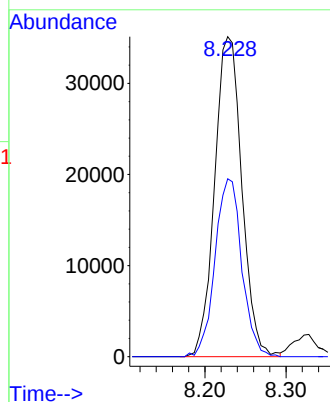
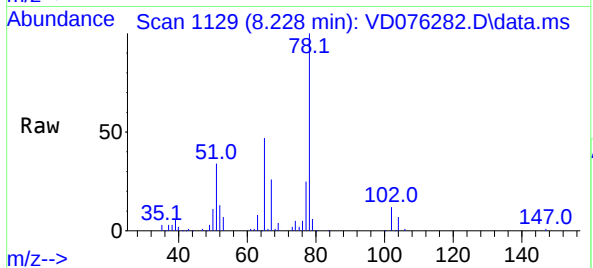




#33
1,2-Dichloroethane-d4
Concen: 47.771 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

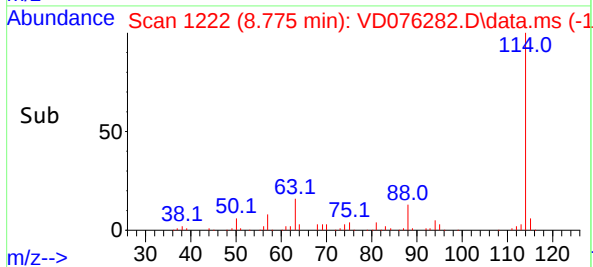
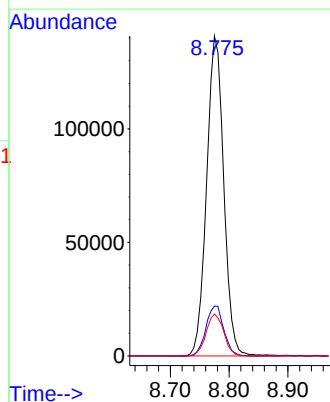
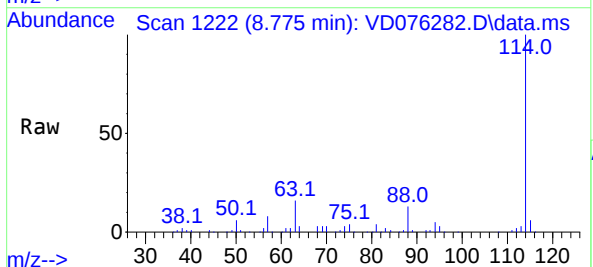
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

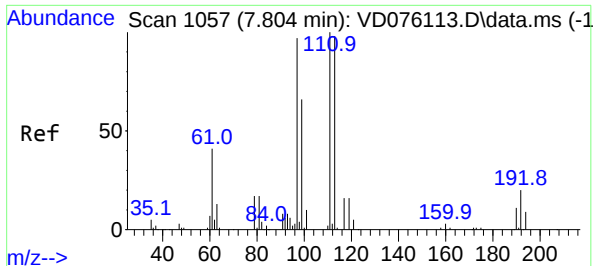
Tgt Ion: 65 Resp: 81822
Ion Ratio Lower Upper
65 100
67 54.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:114 Resp: 285515
Ion Ratio Lower Upper
114 100
63 15.6 0.0 41.6
88 13.1 0.0 30.6

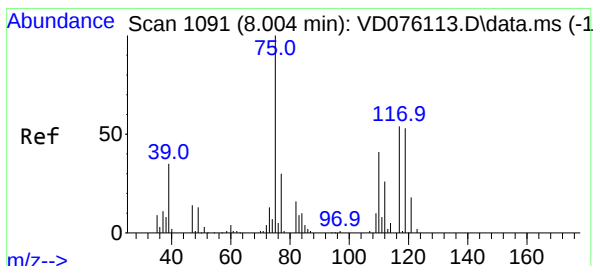
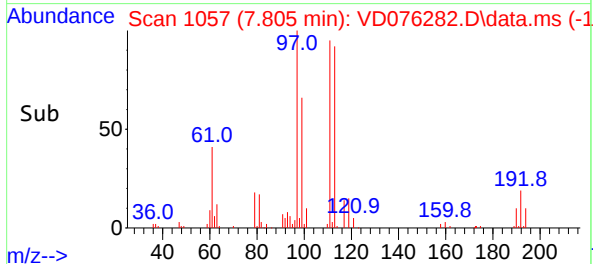
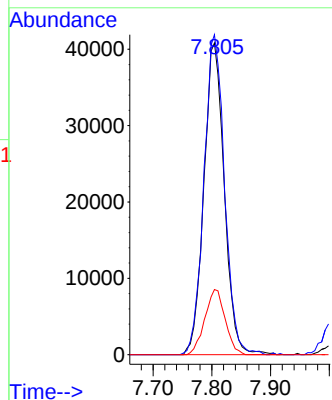
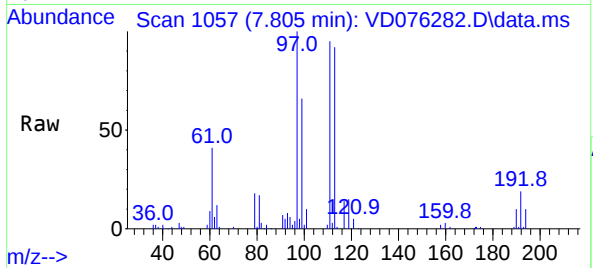




#35
Dibromofluoromethane
Concen: 49.804 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

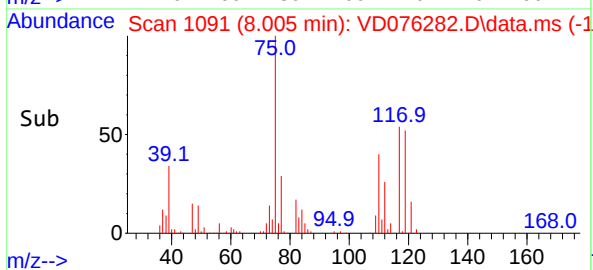
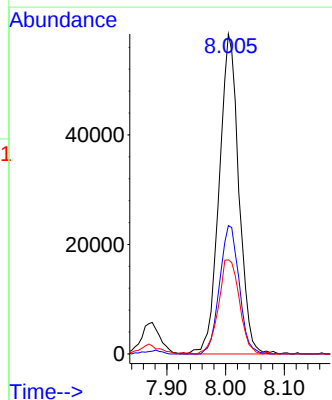
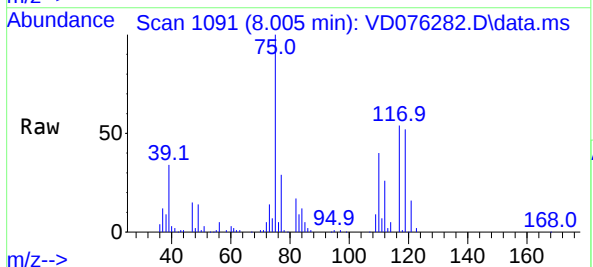
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

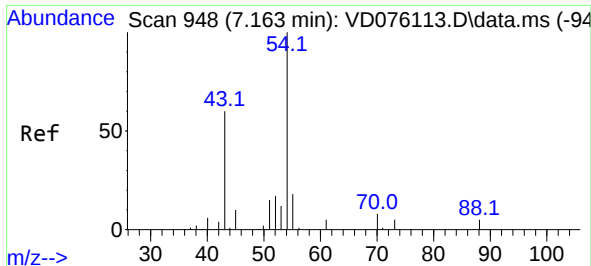
Tgt Ion:113 Resp: 98290
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 20.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 50.900 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 75 Resp: 135668
Ion Ratio Lower Upper
75 100
110 39.8 17.1 51.2
77 31.2 24.6 36.8

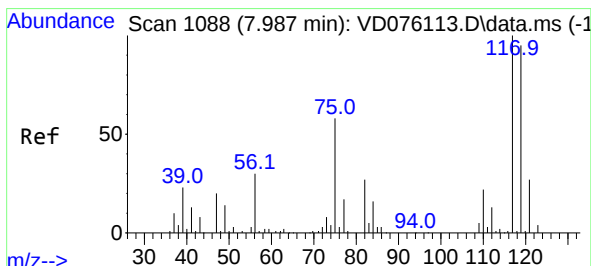
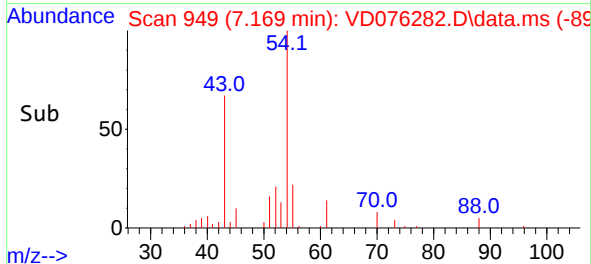
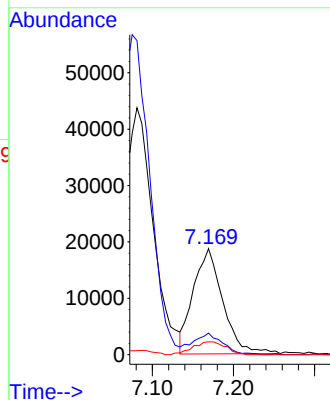
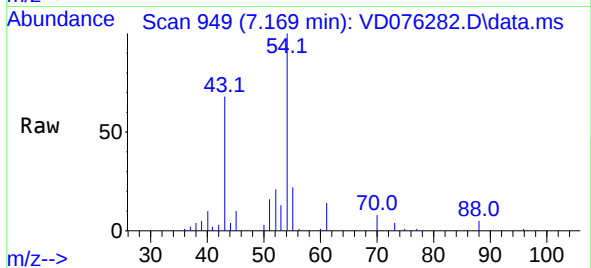




#37
Ethyl Acetate
Concen: 51.029 ug/l
RT: 7.169 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

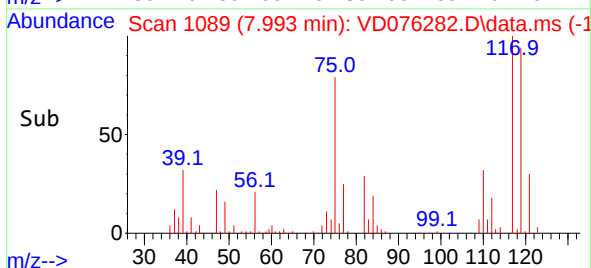
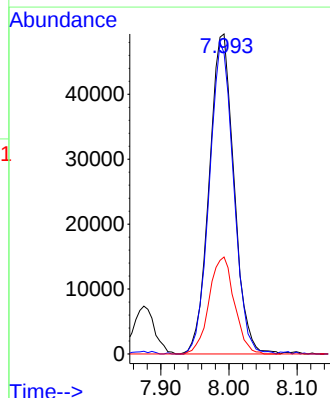
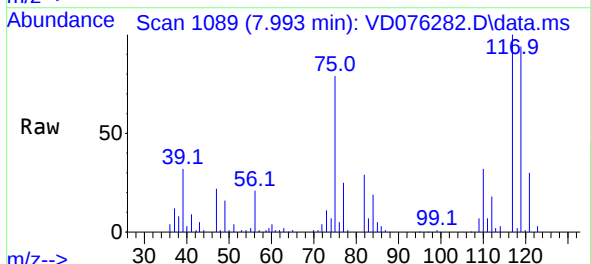
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

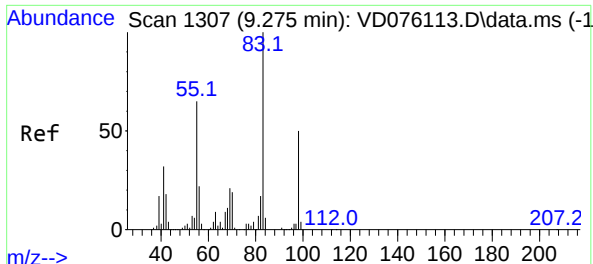
Tgt Ion: 43 Resp: 47098
Ion Ratio Lower Upper
43 100
61 20.6 0.0 0.0#
70 13.6 5.6 8.4#



#38
Carbon Tetrachloride
Concen: 51.810 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 117 Resp: 124734
Ion Ratio Lower Upper
117 100
119 94.1 74.7 112.1
121 30.3 25.9 38.9

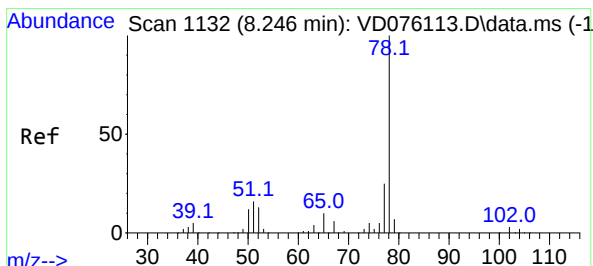
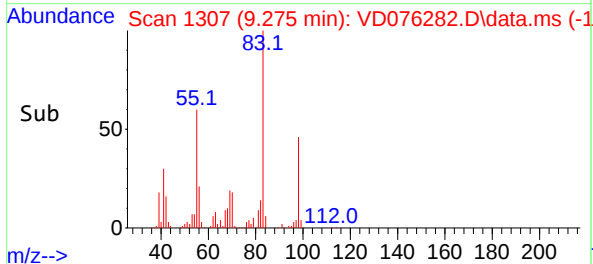
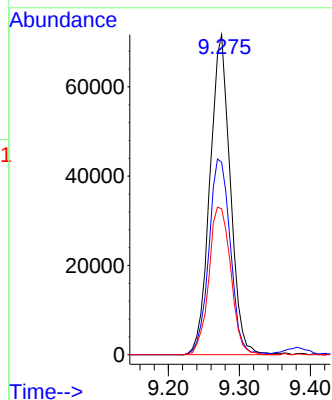
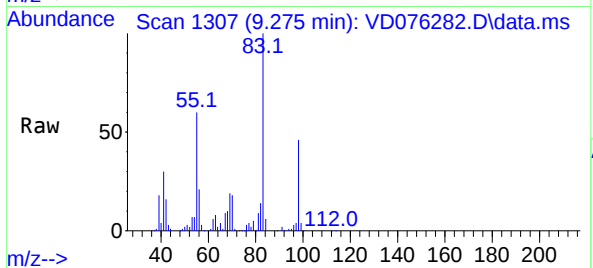




#39
Methylcyclohexane
Concen: 46.496 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

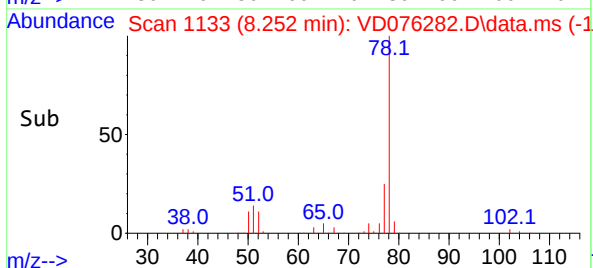
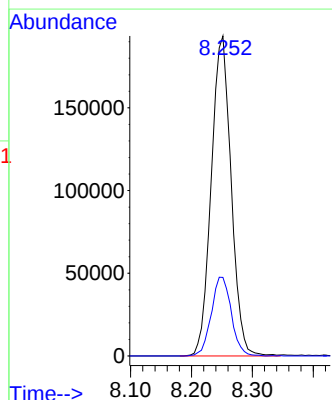
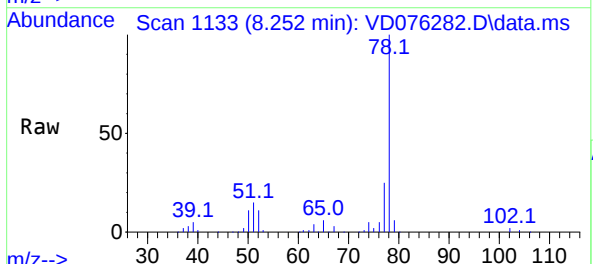
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

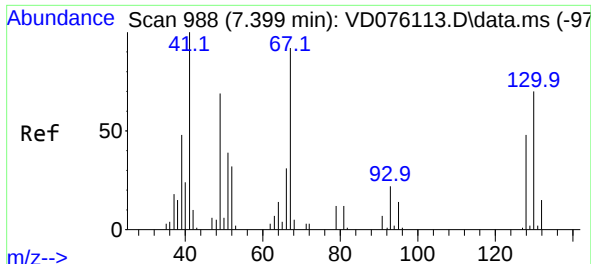
Tgt Ion: 83 Resp: 142681
Ion Ratio Lower Upper
83 100
55 60.1 56.8 85.2
98 45.6 38.9 58.3



#40
Benzene
Concen: 51.239 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 78 Resp: 439080
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7

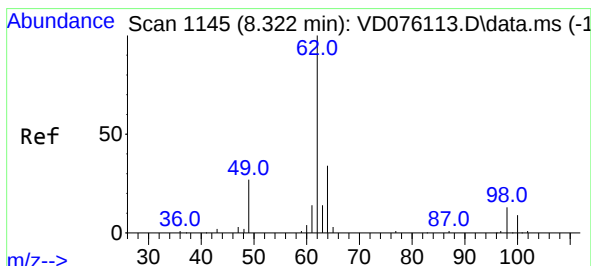
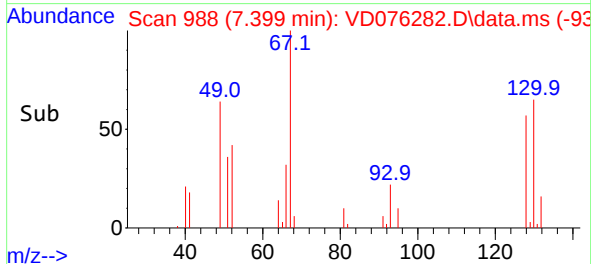
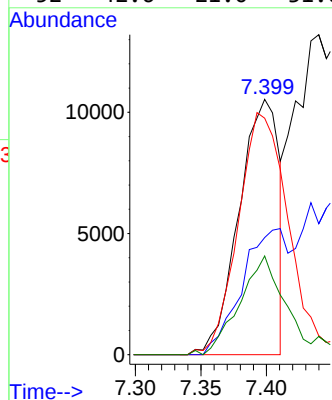
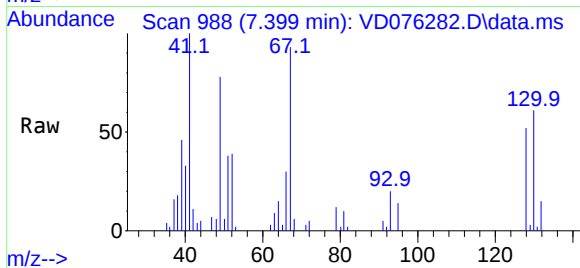




#41
Methacrylonitrile
Concen: 44.337 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

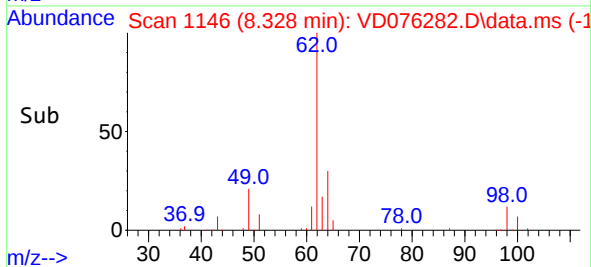
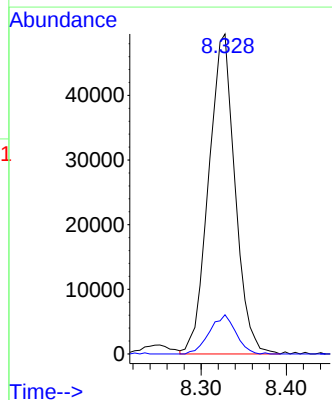
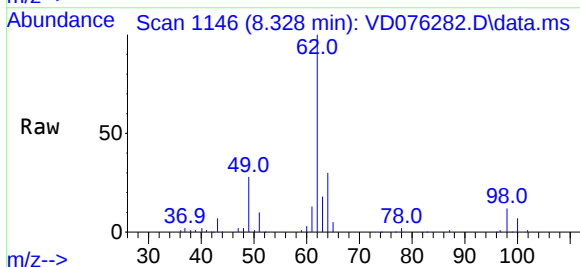
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

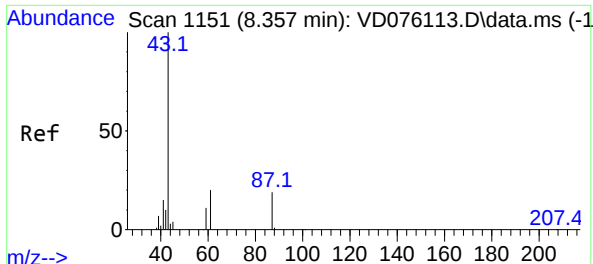
Tgt Ion: 41 Resp: 22438
Ion Ratio Lower Upper
41 100
39 55.6 45.3 67.9
67 118.7 50.5 75.7#
52 42.6 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 52.591 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 62 Resp: 106594
Ion Ratio Lower Upper
62 100
98 12.2 0.0 18.8





#43

Isopropyl Acetate

Concen: 50.815 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076282.D

Acq: 31 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

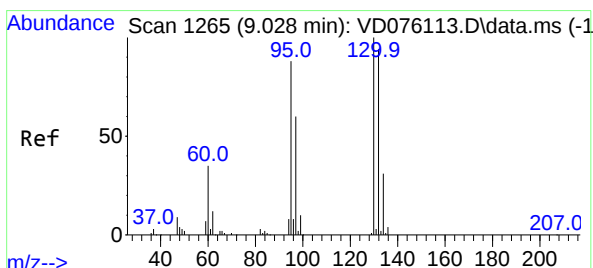
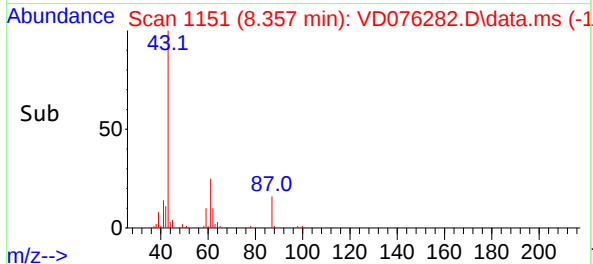
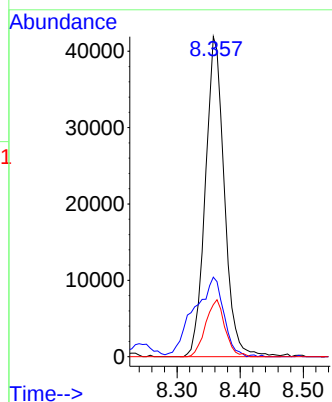
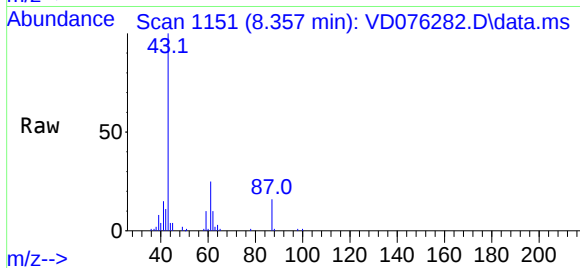
Tgt Ion: 43 Resp: 87611

Ion Ratio Lower Upper

43 100

61 38.9 23.4 35.0#

87 18.1 9.5 14.3#



#44

Trichloroethene

Concen: 48.679 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD076282.D

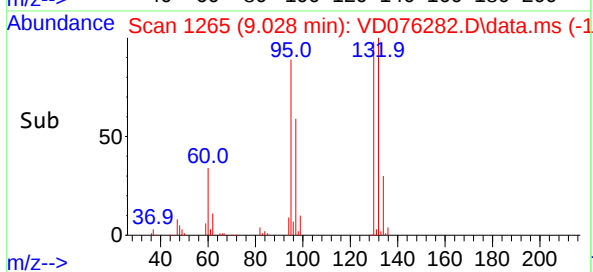
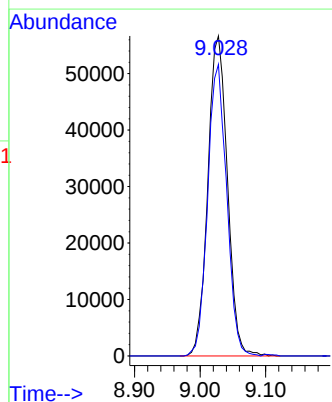
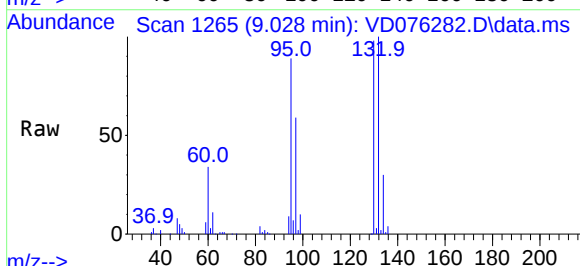
Acq: 31 May 2023 12:37

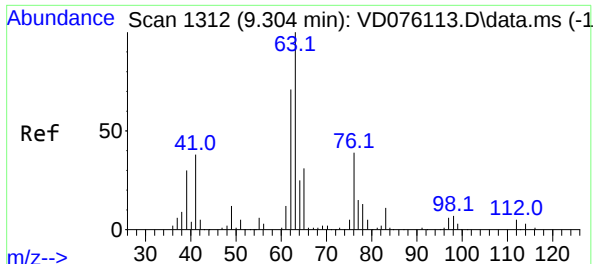
Tgt Ion:130 Resp: 117560

Ion Ratio Lower Upper

130 100

95 91.1 0.0 197.6

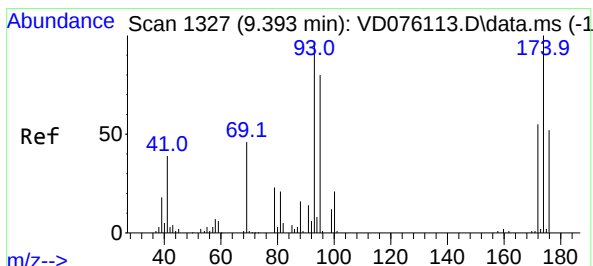
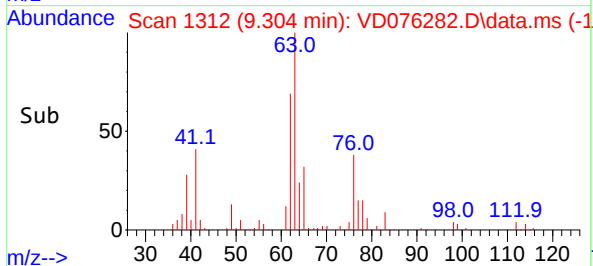
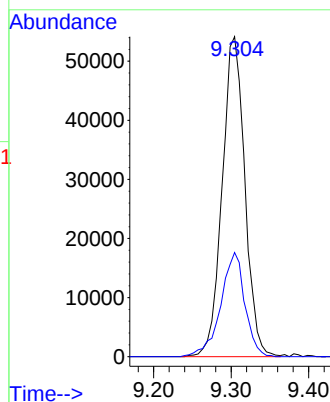
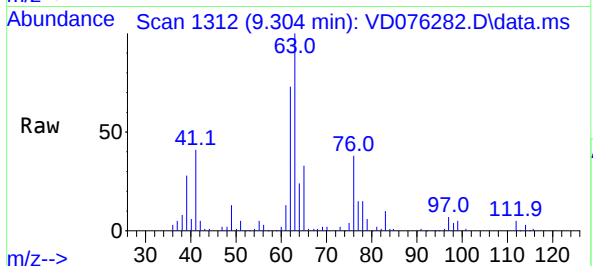




#45
1,2-Dichloropropane
Concen: 52.125 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

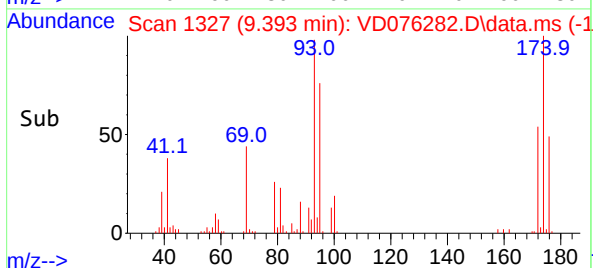
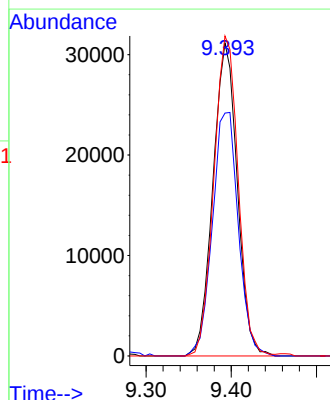
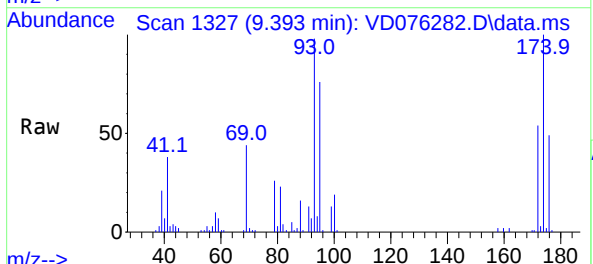
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

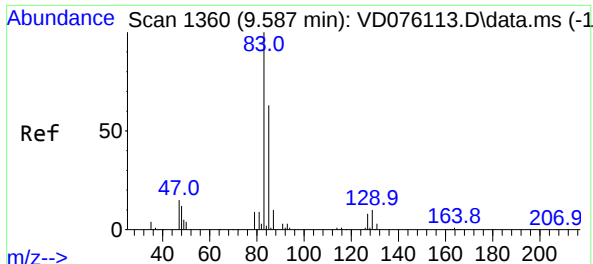
Tgt Ion: 63 Resp: 110175
Ion Ratio Lower Upper
63 100
65 32.5 23.0 34.4



#46
Dibromomethane
Concen: 52.180 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 93 Resp: 61822
Ion Ratio Lower Upper
93 100
95 82.9 64.5 96.7
174 102.3 76.2 114.4

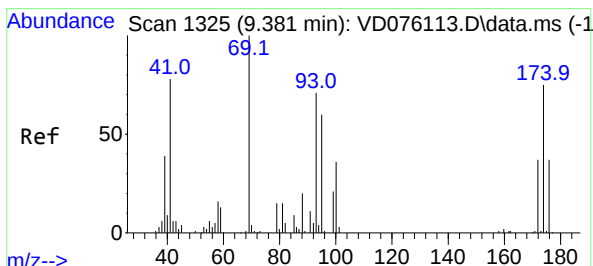
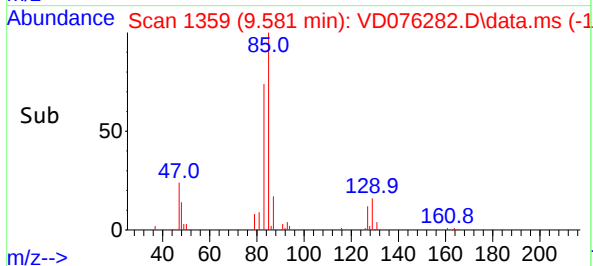
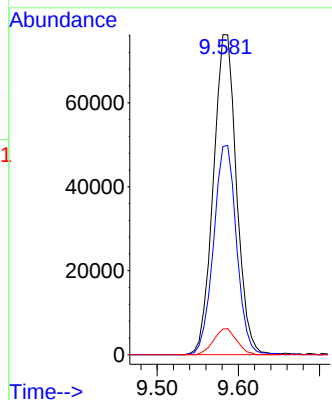
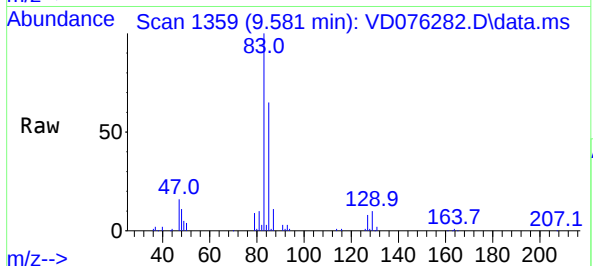




#47
Bromodichloromethane
Concen: 53.024 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

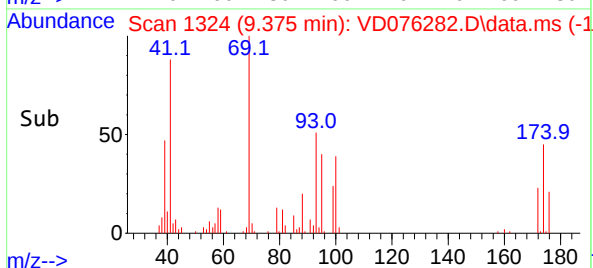
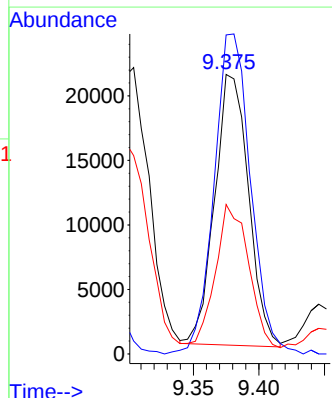
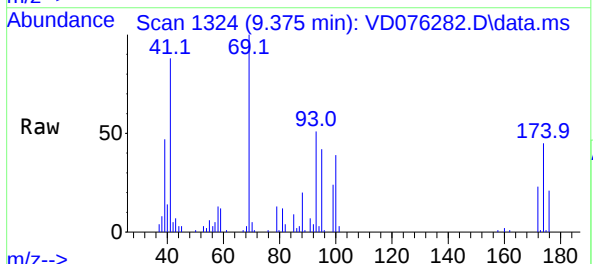
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

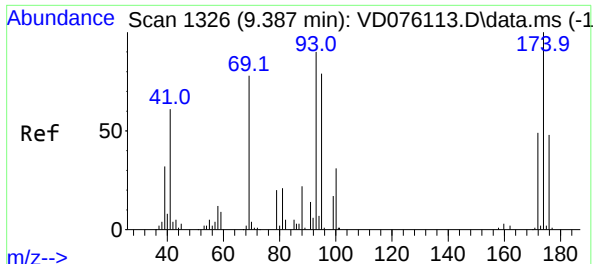
Tgt Ion: 83 Resp: 150982
Ion Ratio Lower Upper
83 100
85 65.0 53.7 80.5
127 8.0 7.0 10.6



#48
Methyl methacrylate
Concen: 49.372 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 41 Resp: 37674
Ion Ratio Lower Upper
41 100
69 127.9 58.6 88.0#
39 57.9 53.4 80.0

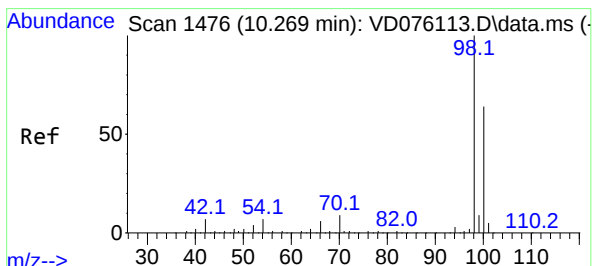
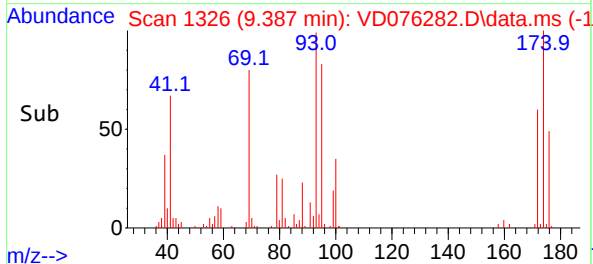
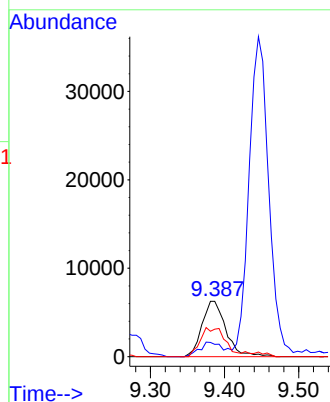
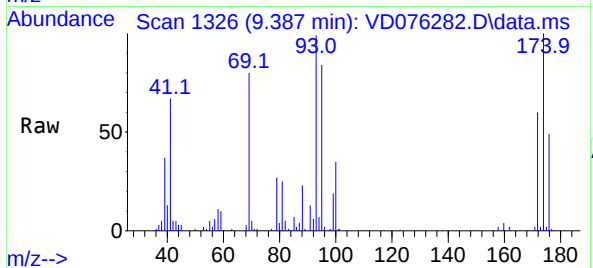




#49
1,4-Dioxane
Concen: 1113.703 ug/l
RT: 9.387 min Scan# 1113
Delta R.T. 0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

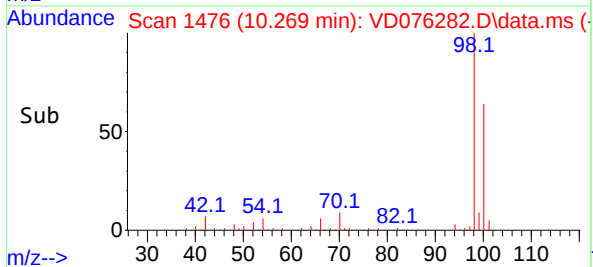
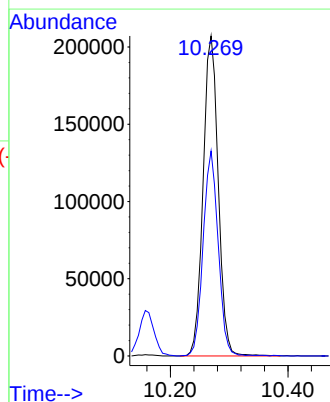
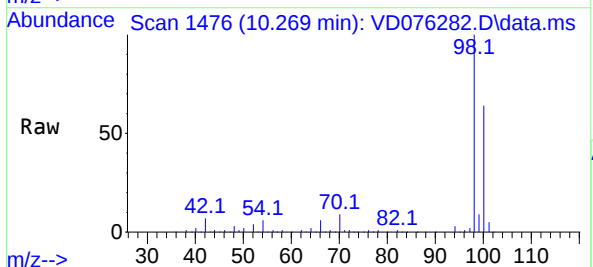
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

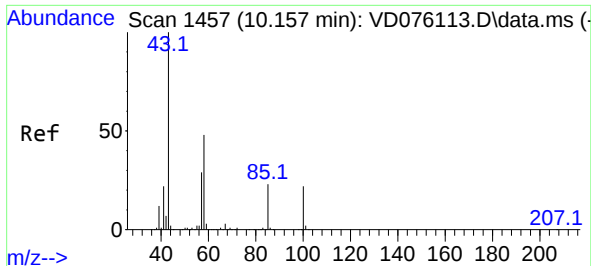
Tgt Ion: 88 Resp: 14110
Ion Ratio Lower Upper
88 100
43 26.8 34.6 51.8#
58 53.8 58.0 87.0#



#50
Toluene-d8
Concen: 48.044 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 98 Resp: 369620
Ion Ratio Lower Upper
98 100
100 63.5 52.1 78.1

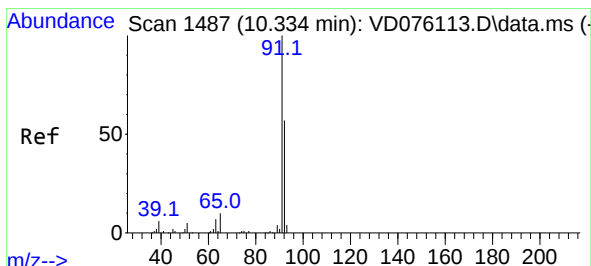
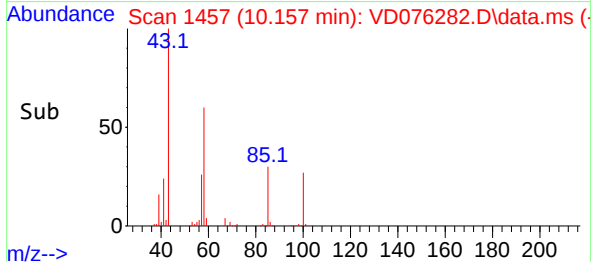
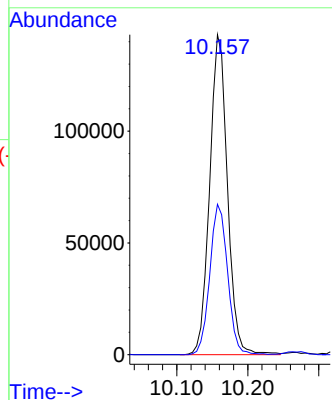
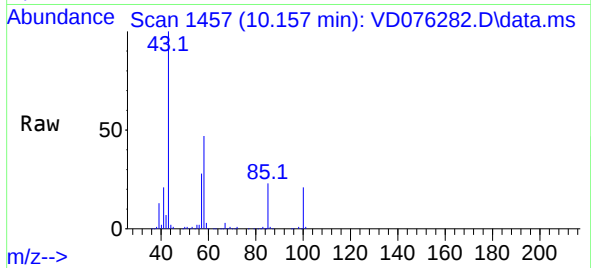




#51
4-Methyl-2-Pentanone
Concen: 271.047 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

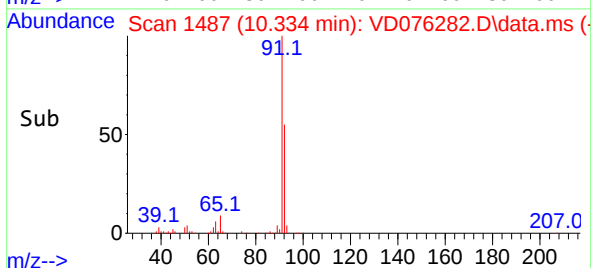
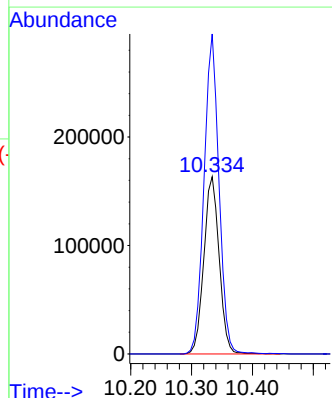
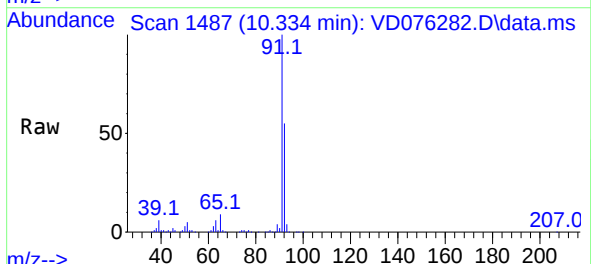
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

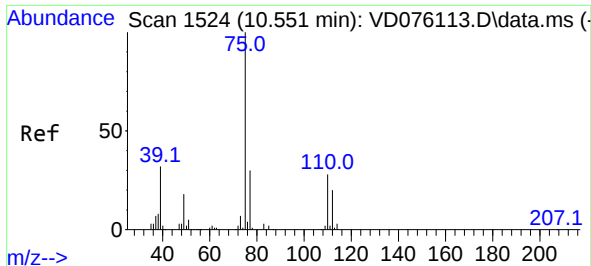
Tgt Ion: 43 Resp: 248541
Ion Ratio Lower Upper
43 100
58 47.1 29.5 44.3#



#52
Toluene
Concen: 53.288 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 92 Resp: 285196
Ion Ratio Lower Upper
92 100
91 175.8 136.5 204.7

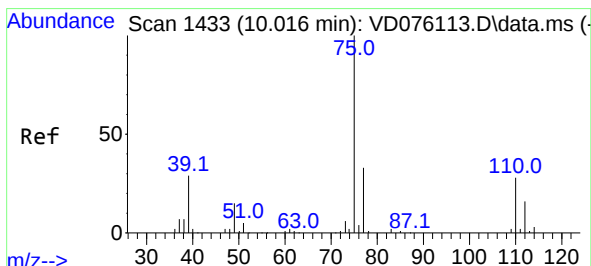
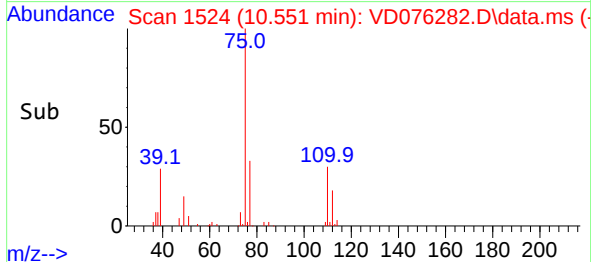
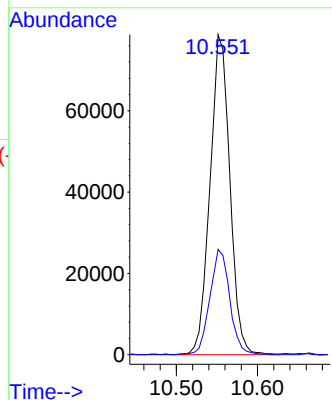
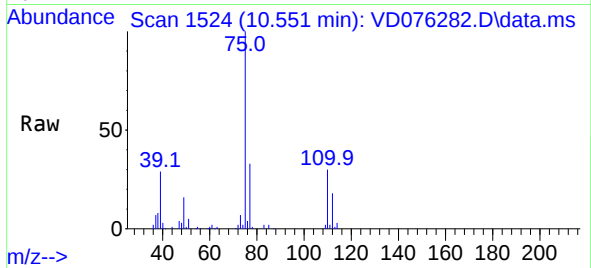




#53
t-1,3-Dichloropropene
Concen: 52.069 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

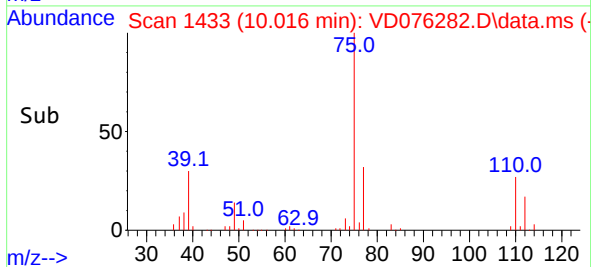
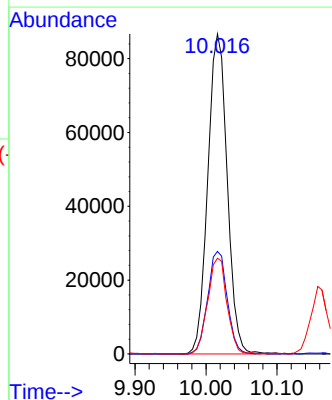
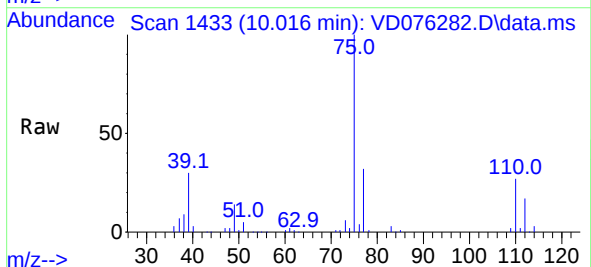
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

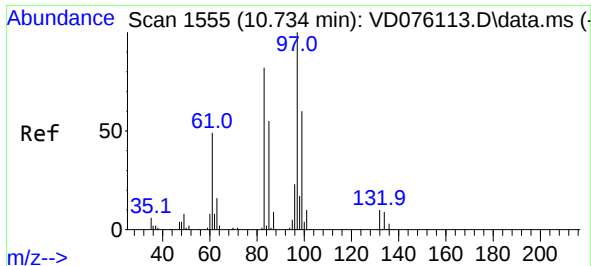
Tgt Ion: 75 Resp: 133625
Ion Ratio Lower Upper
75 100
77 32.9 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 52.574 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 75 Resp: 164656
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4
39 29.9 44.8 67.2#

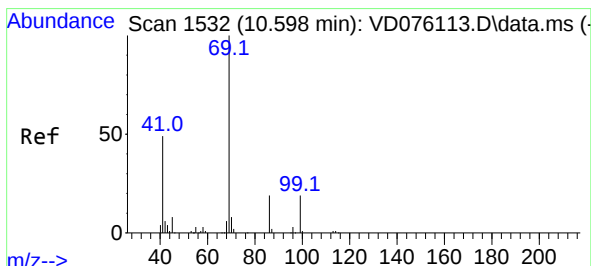
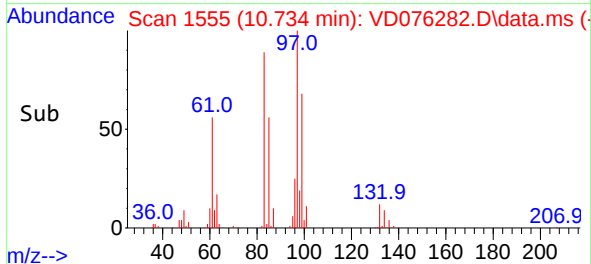
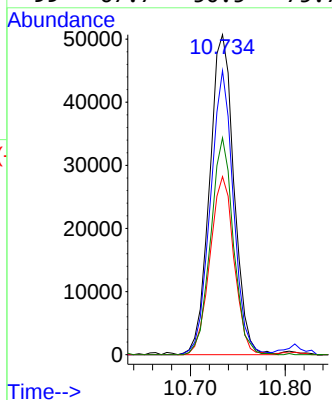
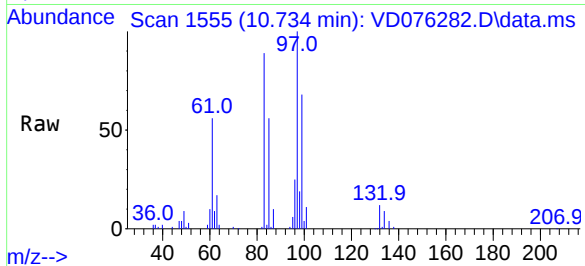




#55
1,1,2-Trichloroethane
Concen: 53.301 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

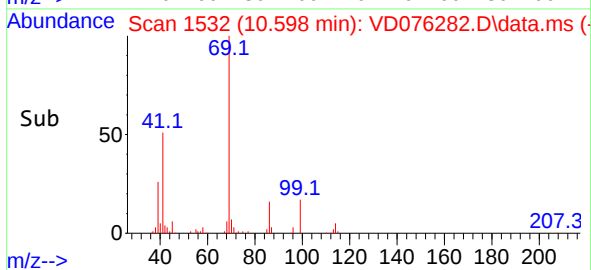
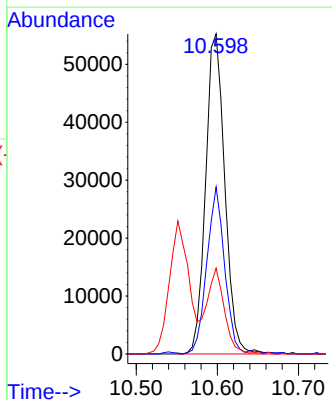
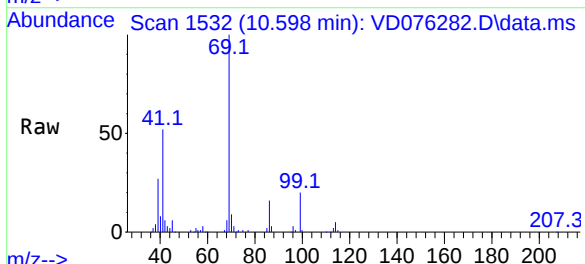
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

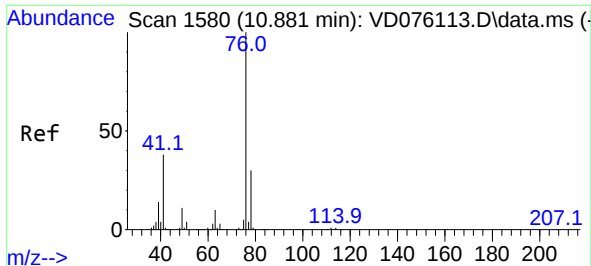
Tgt Ion:	97	Resp:	90558
Ion	Ratio	Lower	Upper
97	100		
83	88.8	74.2	111.4
85	55.7	45.4	68.0
99	67.7	50.5	75.7



#56
Ethyl methacrylate
Concen: 53.066 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:	69	Resp:	90622
Ion	Ratio	Lower	Upper
69	100		
41	49.2	59.3	88.9#
39	25.4	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 53.465 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076282.D

Acq: 31 May 2023 12:37

Instrument :

MSVOA_D

ClientSampleId :

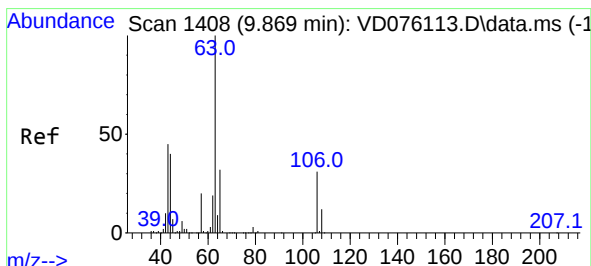
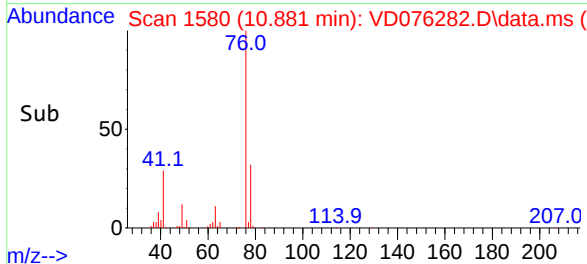
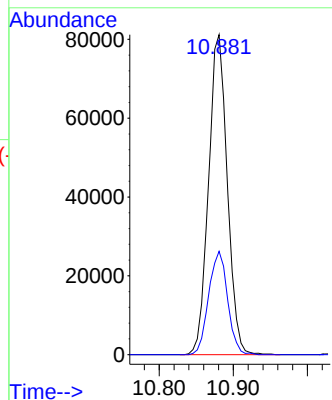
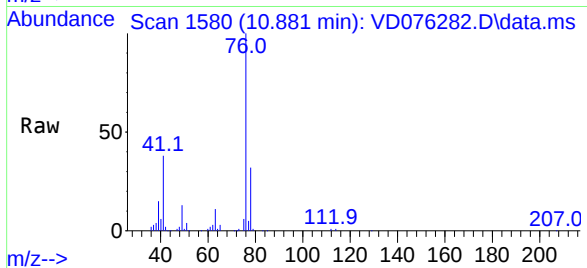
VSTDCCC050

Tgt Ion: 76 Resp: 142512

Ion Ratio Lower Upper

76 100

78 32.6 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 259.982 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076282.D

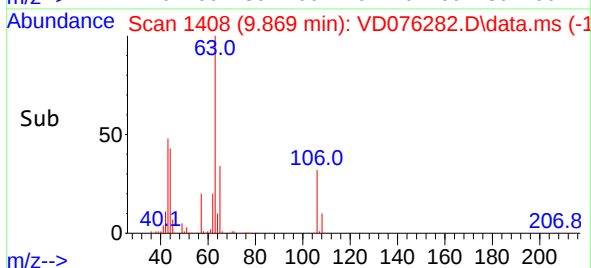
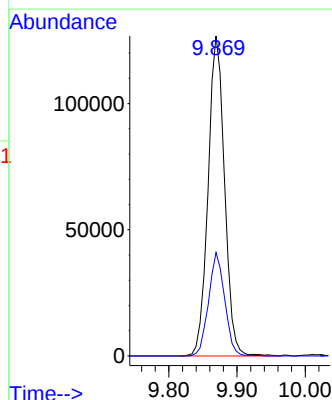
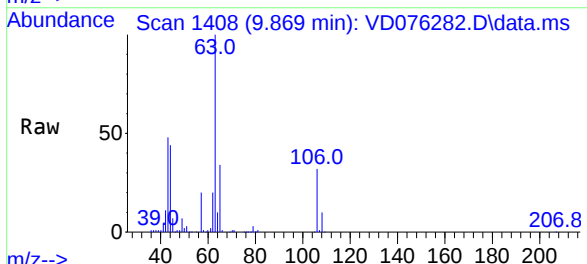
Acq: 31 May 2023 12:37

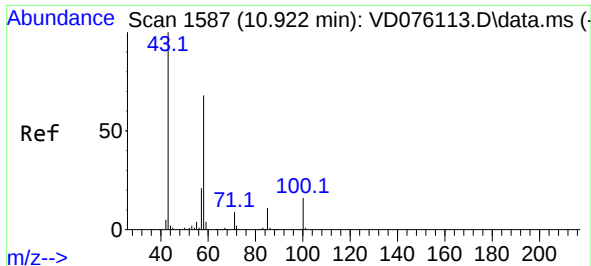
Tgt Ion: 63 Resp: 213023

Ion Ratio Lower Upper

63 100

106 31.6 21.4 32.2

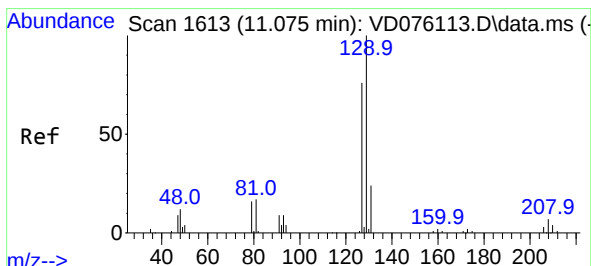
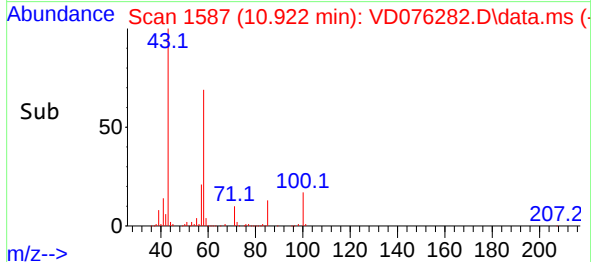
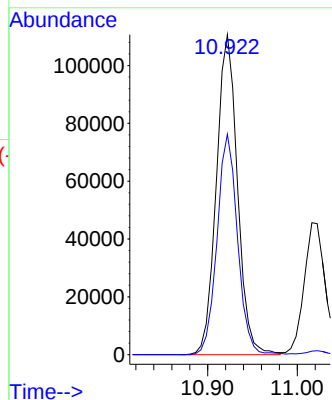
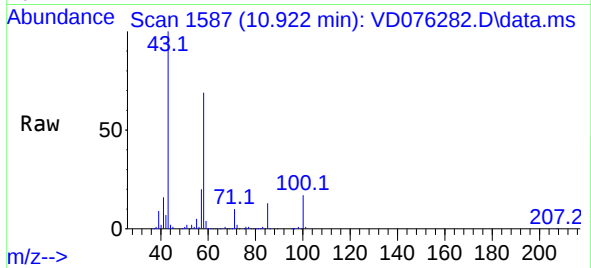




#59
2-Hexanone
Concen: 279.628 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

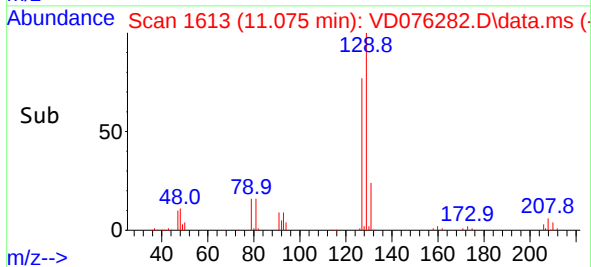
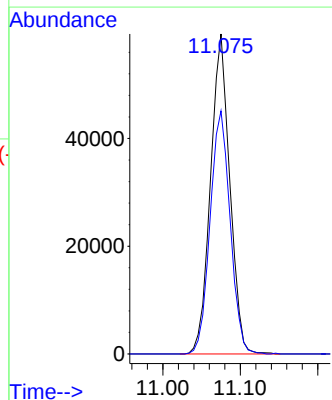
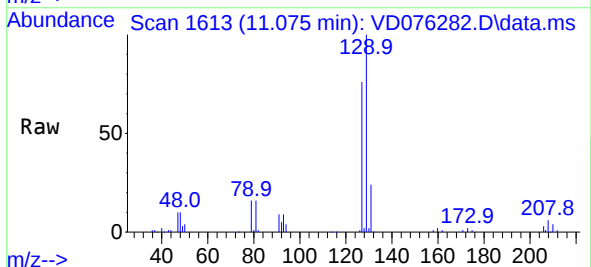
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

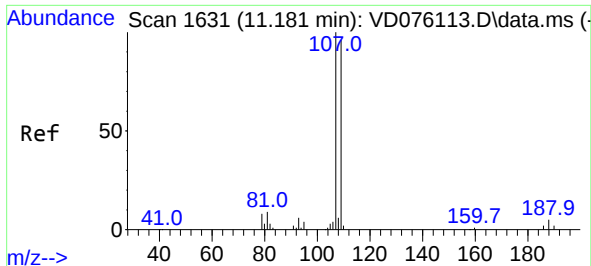
Tgt Ion: 43 Resp: 180827
Ion Ratio Lower Upper
43 100
58 66.7 25.3 75.8



#60
Dibromochloromethane
Concen: 53.641 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:129 Resp: 102473
Ion Ratio Lower Upper
129 100
127 79.0 38.1 114.5

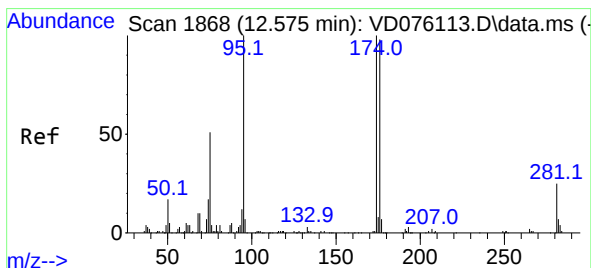
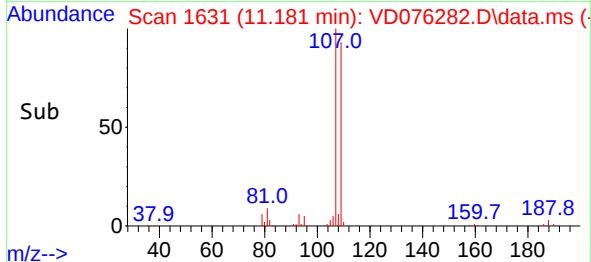
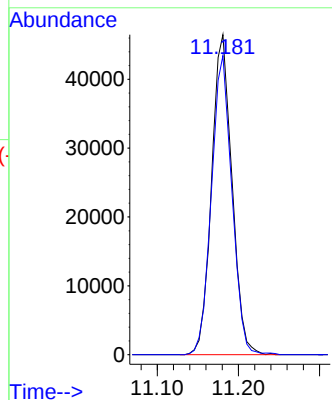
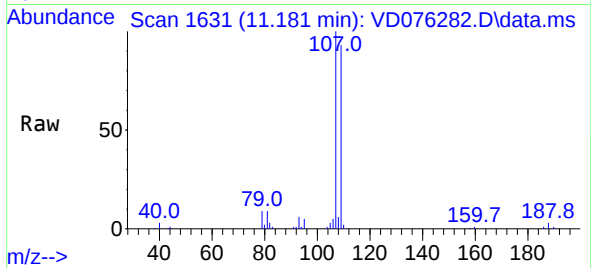




#61
1,2-Dibromoethane
Concen: 53.527 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

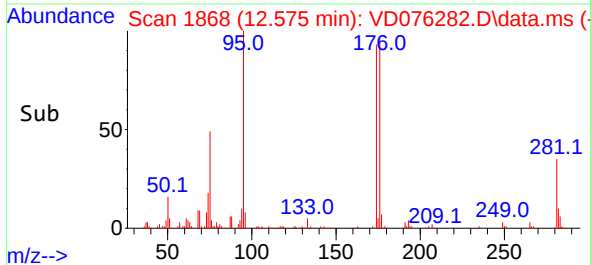
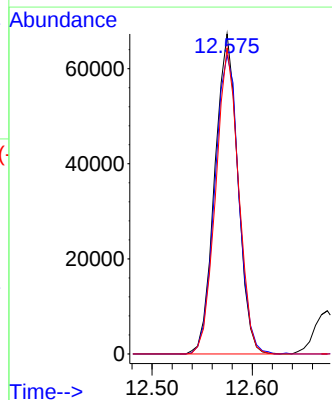
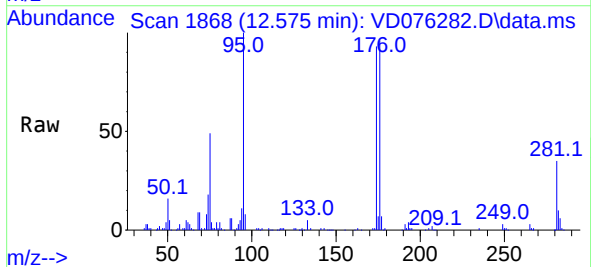
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

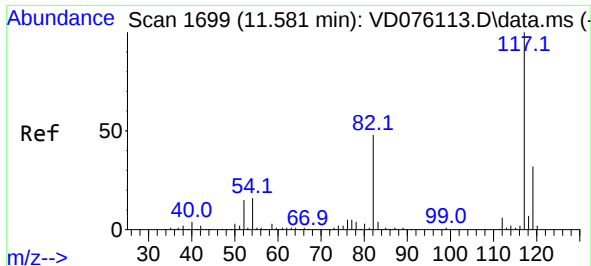
Tgt Ion:107 Resp: 80898
Ion Ratio Lower Upper
107 100
109 94.0 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 50.254 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 95 Resp: 107398
Ion Ratio Lower Upper
95 100
174 97.1 0.0 164.0
176 94.5 0.0 156.8

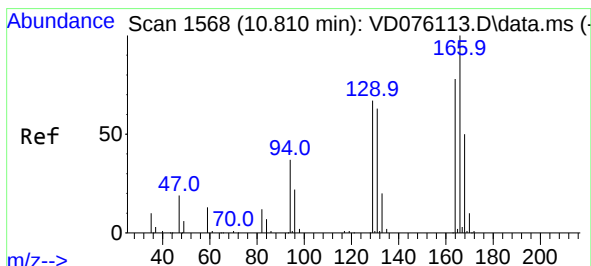
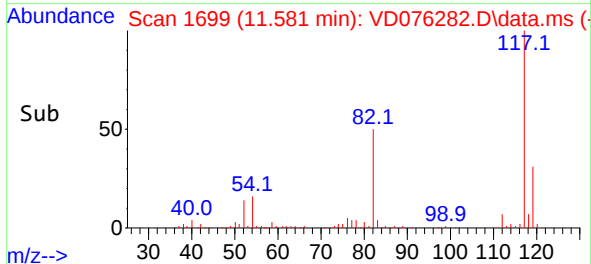
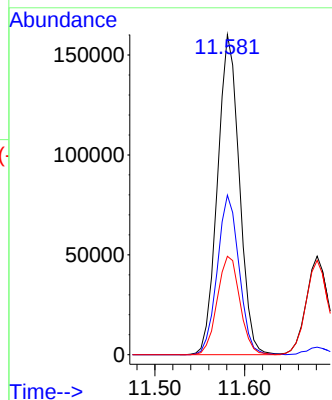
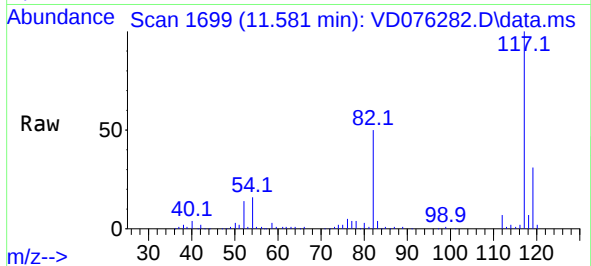




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

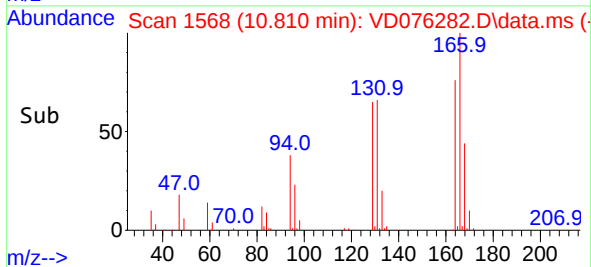
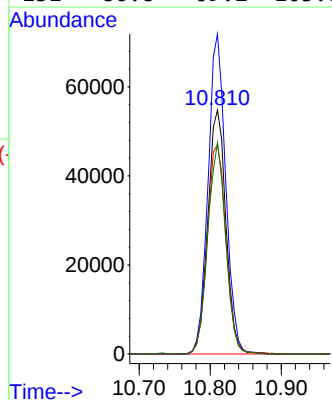
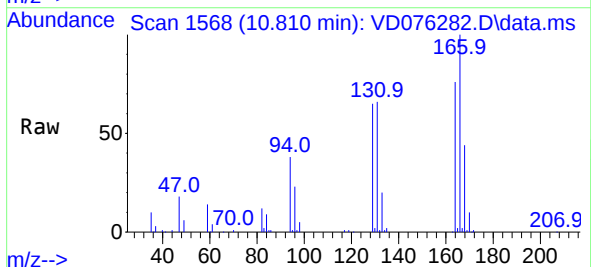
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

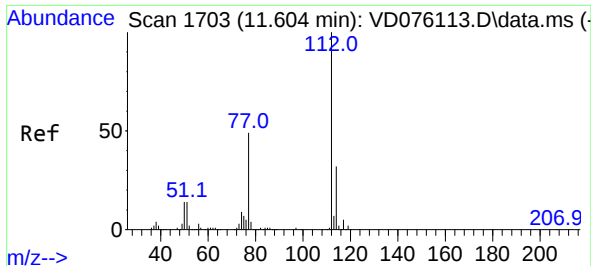
Tgt Ion:117 Resp: 270475
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 30.8 25.1 37.7



#64
Tetrachloroethene
Concen: 46.738 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:164 Resp: 97210
Ion Ratio Lower Upper
164 100
166 131.3 94.9 142.3
129 85.9 73.0 109.6
131 86.8 69.2 103.8

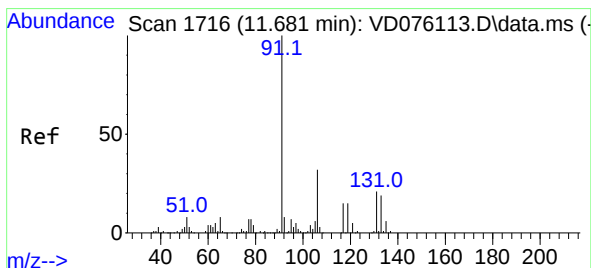
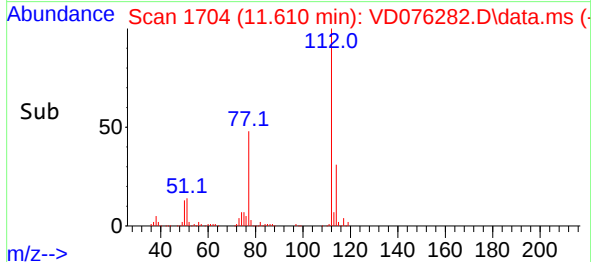
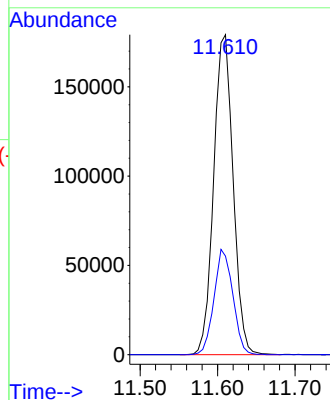
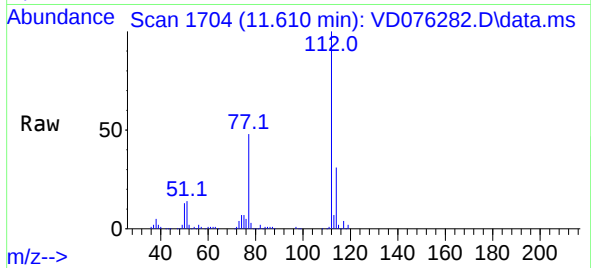




#65
Chlorobenzene
Concen: 50.725 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

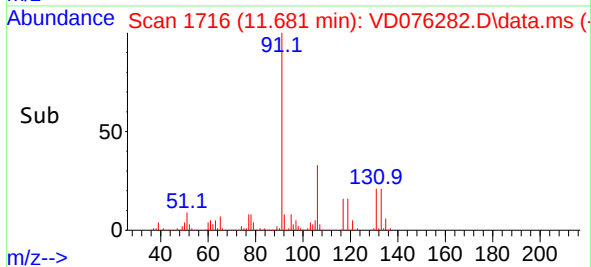
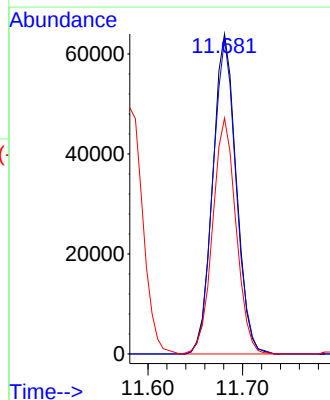
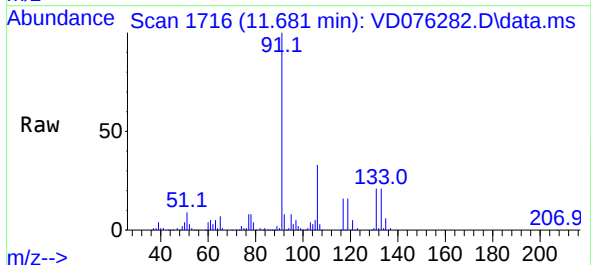
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

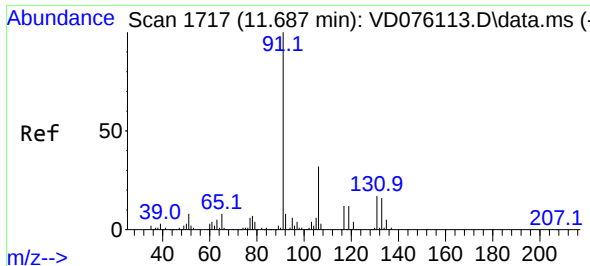
Tgt Ion:112 Resp: 312342
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 52.151 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:131 Resp: 110510
Ion Ratio Lower Upper
131 100
133 97.4 46.7 140.0
119 73.5 31.9 95.9

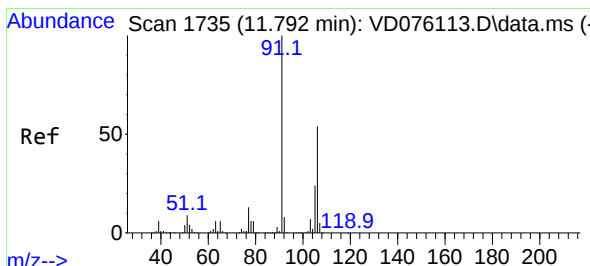
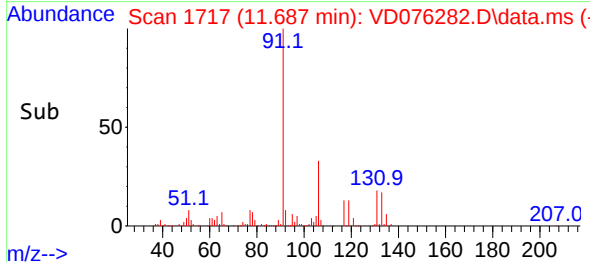
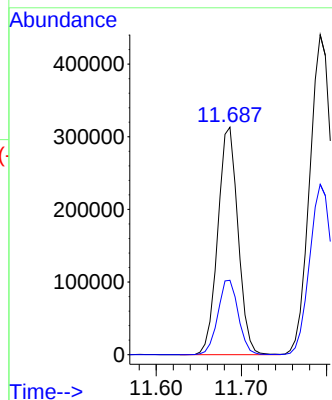
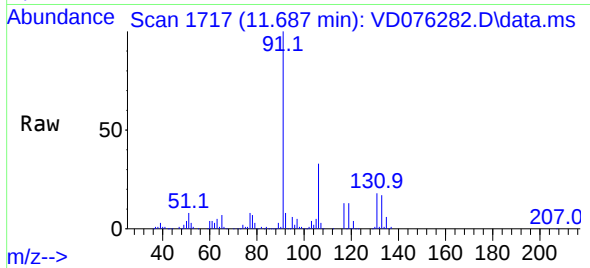




#67
Ethyl Benzene
Concen: 52.513 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

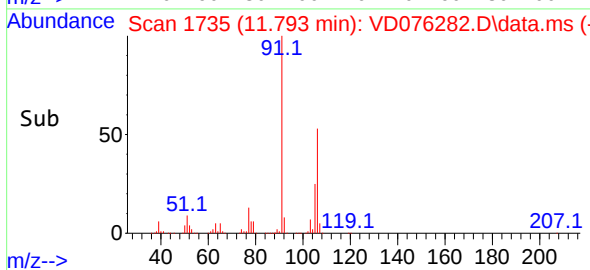
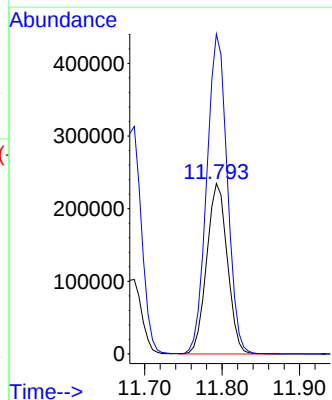
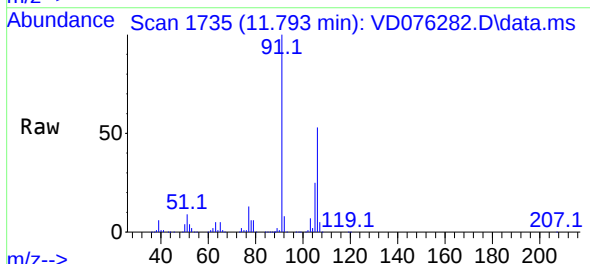
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

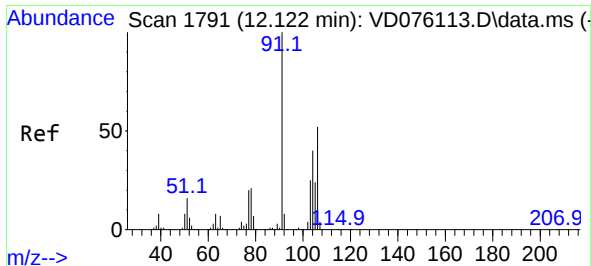
Tgt Ion: 91 Resp: 516686
Ion Ratio Lower Upper
91 100
106 32.7 24.5 36.7



#68
m/p-Xylenes
Concen: 107.902 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:106 Resp: 433909
Ion Ratio Lower Upper
106 100
91 186.7 161.5 242.3

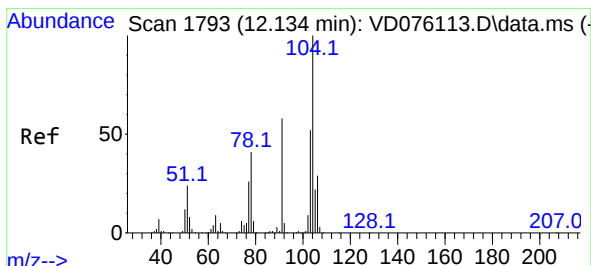
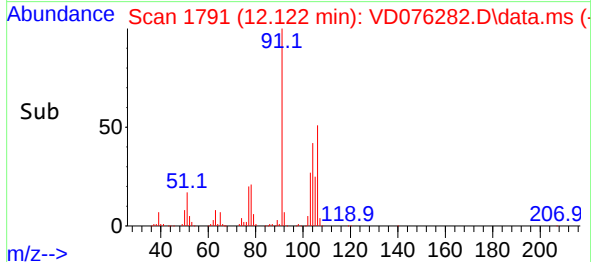
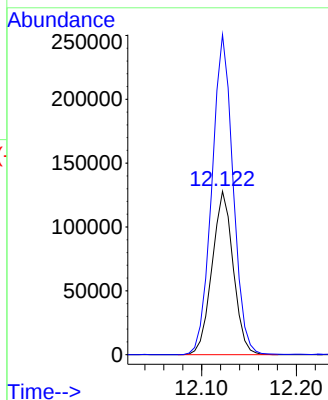
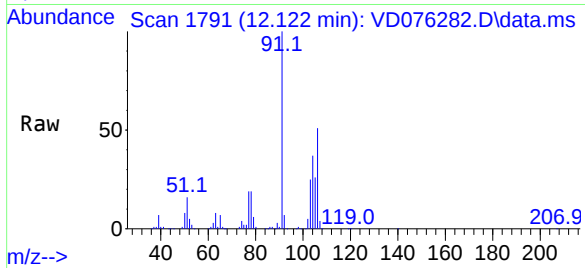




#69
o-Xylene
Concen: 54.058 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

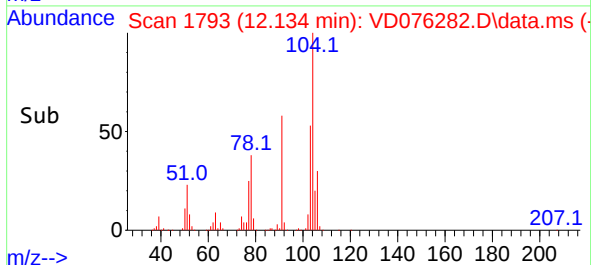
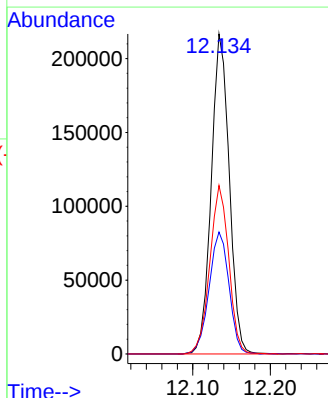
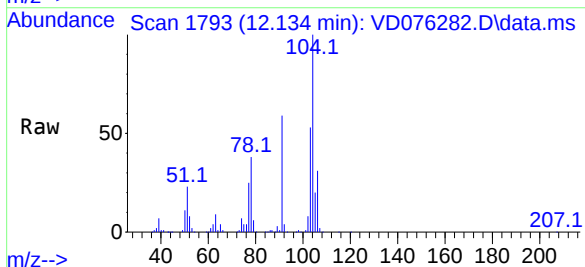
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

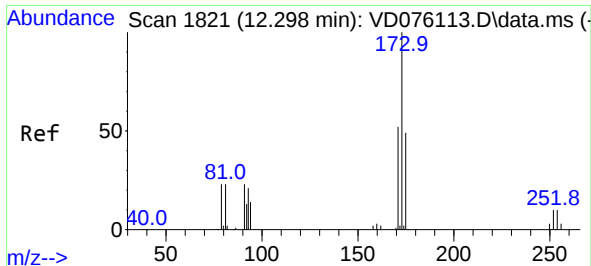
Tgt Ion:106 Resp: 198355
Ion Ratio Lower Upper
106 100
91 196.4 105.7 317.1



#70
Styrene
Concen: 54.957 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:104 Resp: 349621
Ion Ratio Lower Upper
104 100
78 42.2 40.2 60.4
103 55.4 44.2 66.2

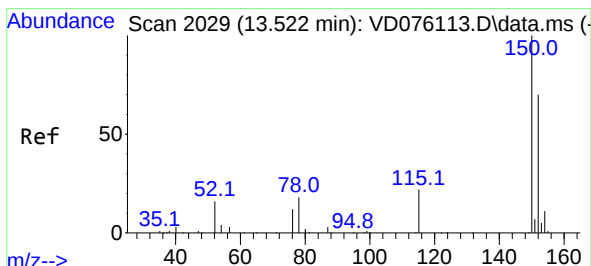
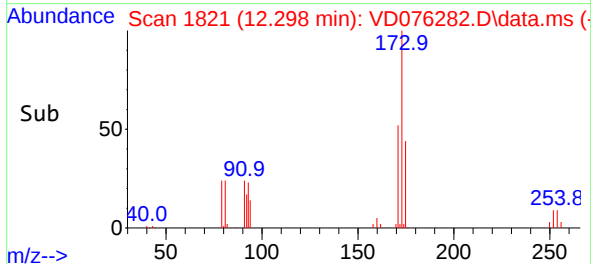
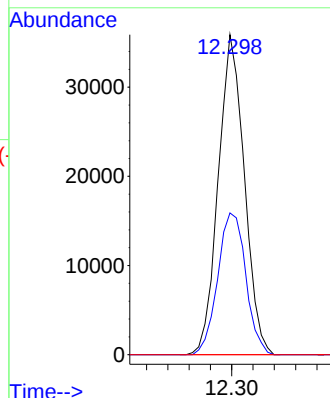
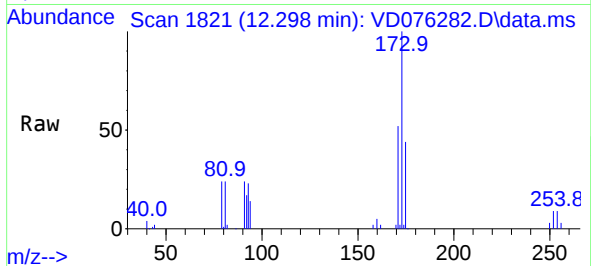




#71
Bromoform
Concen: 51.075 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

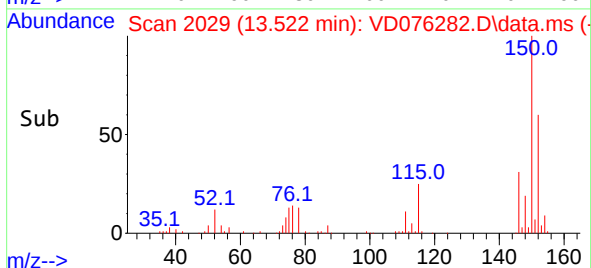
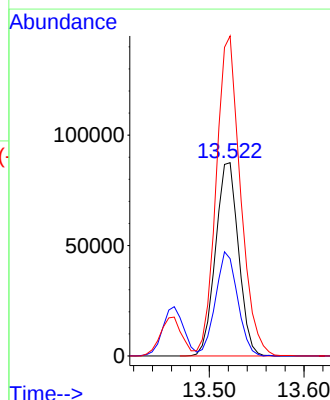
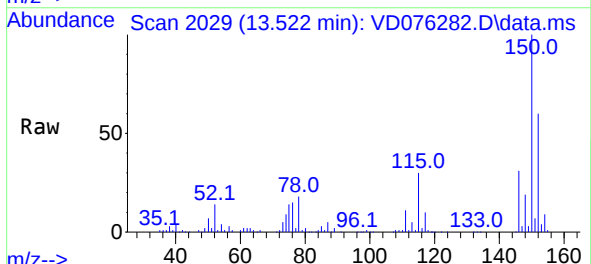
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

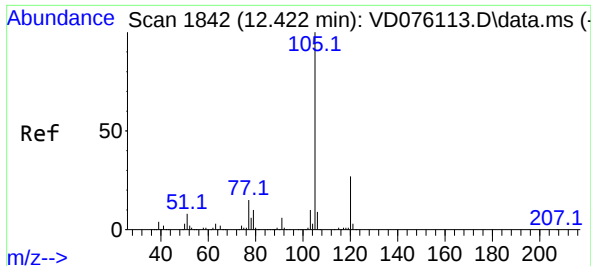
Tgt Ion:173 Resp: 60878
Ion Ratio Lower Upper
173 100
175 47.8 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:152 Resp: 147591
Ion Ratio Lower Upper
152 100
115 52.0 30.1 90.3
150 175.2 0.0 364.8

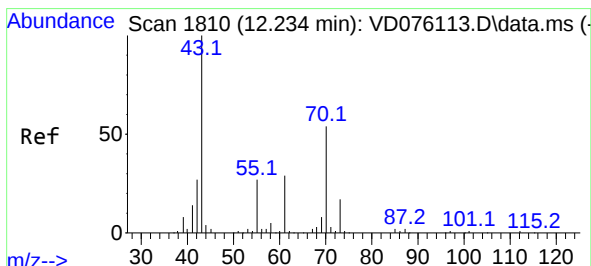
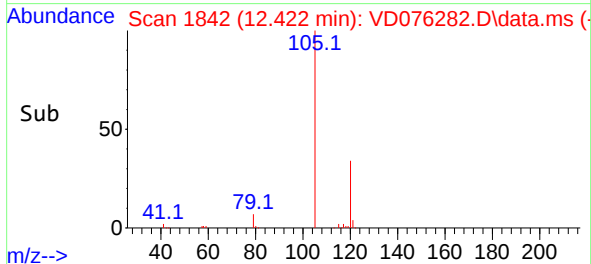
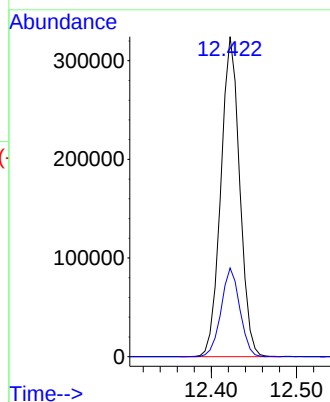
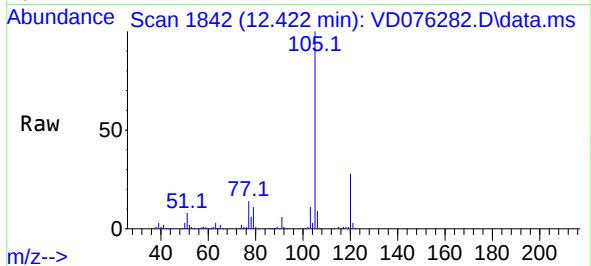




#73
Isopropylbenzene
Concen: 51.122 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

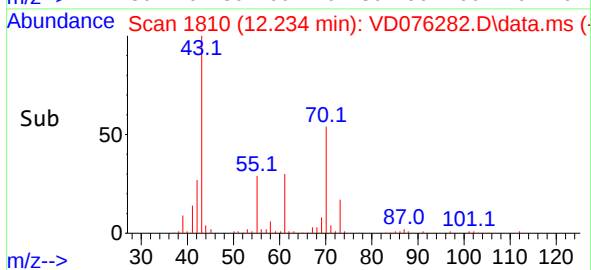
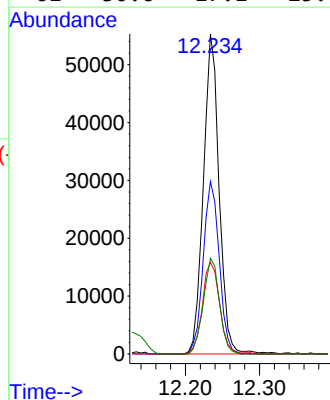
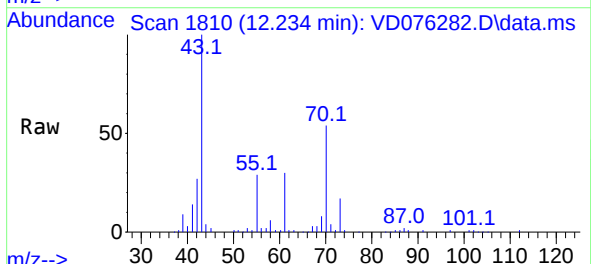
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

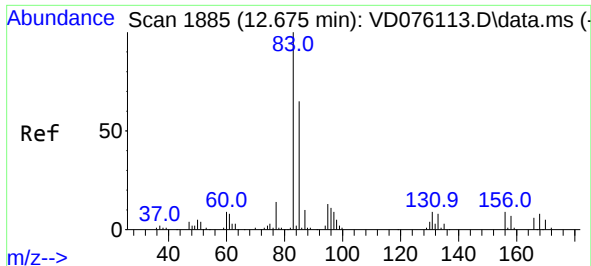
Tgt Ion:105 Resp: 499126
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 46.897 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 43 Resp: 81555
Ion Ratio Lower Upper
43 100
70 55.0 31.0 46.4#
55 31.5 18.6 28.0#
61 30.6 17.1 25.7#

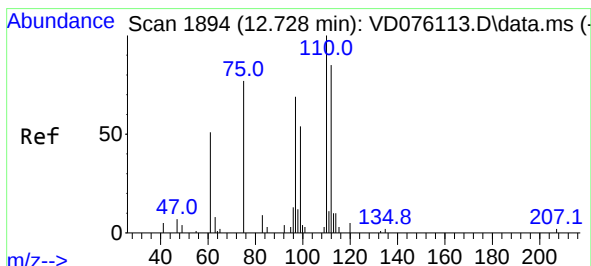
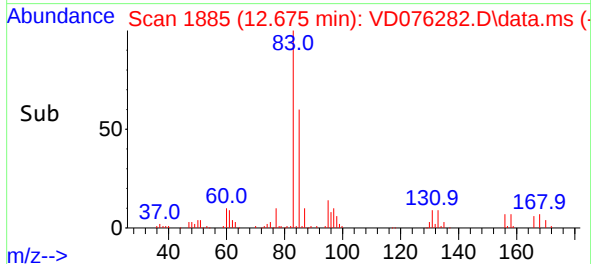
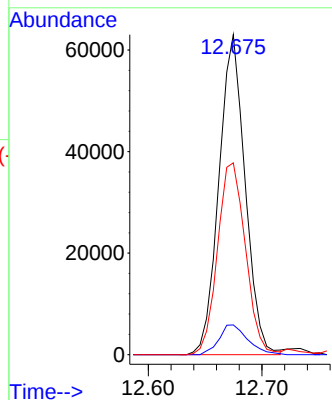
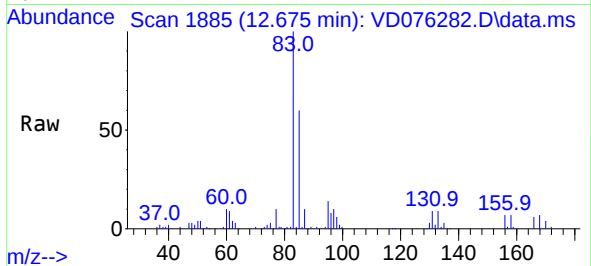




#75
1,1,2,2-Tetrachloroethane
Concen: 48.149 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

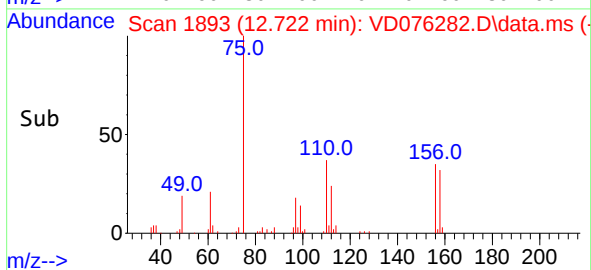
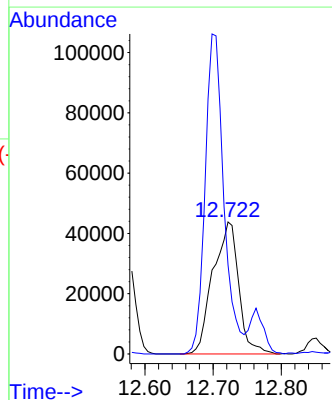
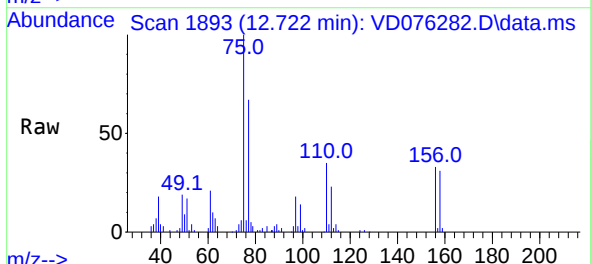
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

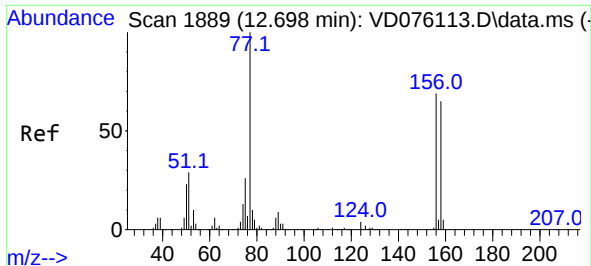
Tgt Ion: 83 Resp: 101035
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.2
85 63.9 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 89.018 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 75 Resp: 114971
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

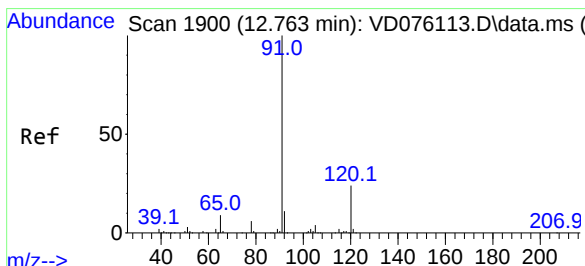
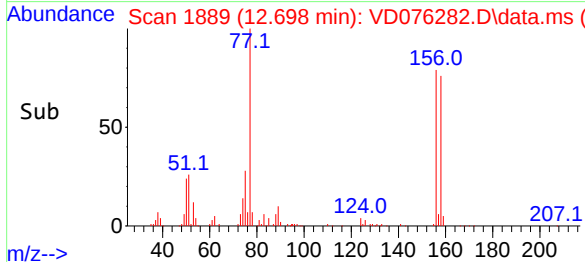
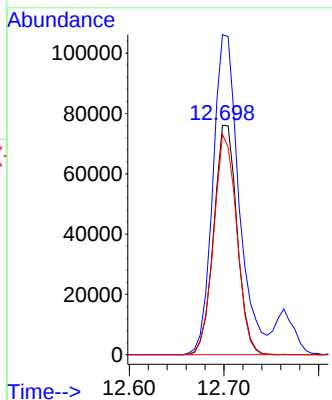
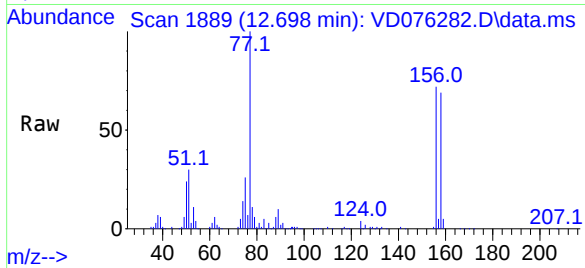




#77
Bromobenzene
Concen: 49.773 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

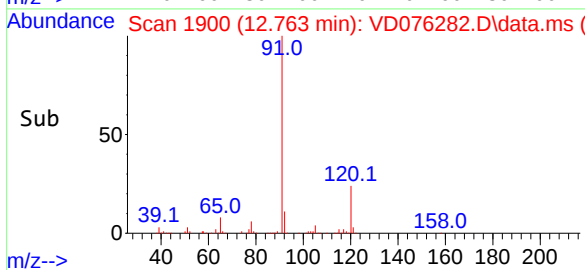
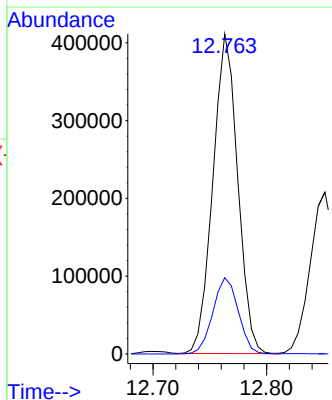
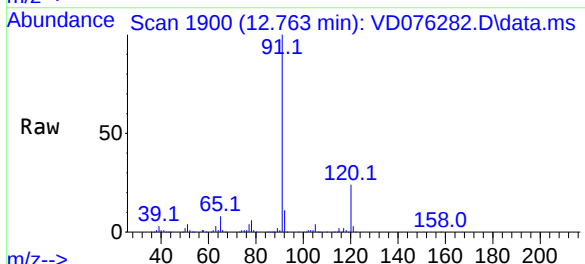
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

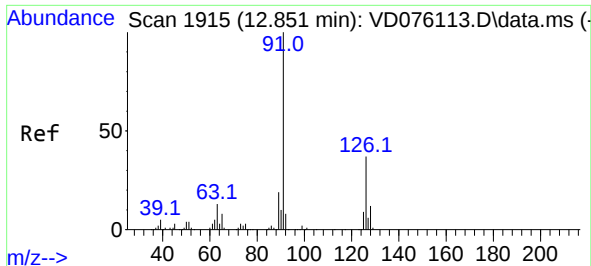
Tgt Ion:156 Resp: 130248
Ion Ratio Lower Upper
156 100
77 155.8 89.5 268.6
158 95.2 47.8 143.4



#78
n-propylbenzene
Concen: 51.228 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 91 Resp: 622551
Ion Ratio Lower Upper
91 100
120 24.4 11.4 34.2

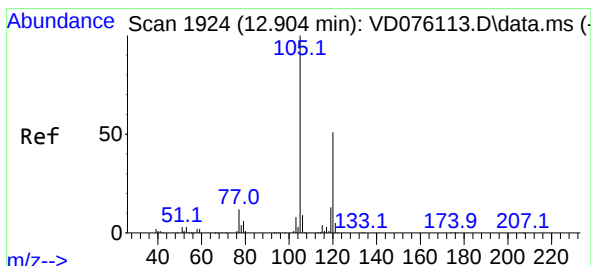
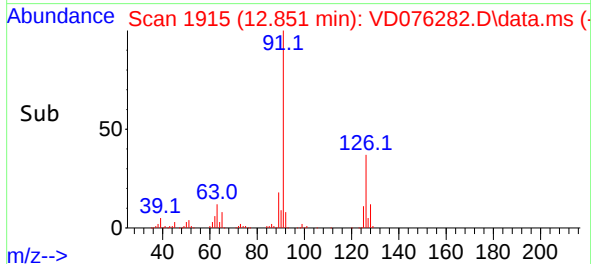
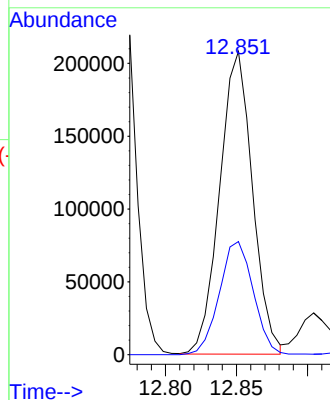
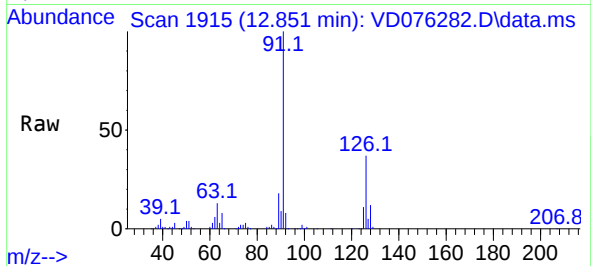




#79
2-Chlorotoluene
Concen: 49.652 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

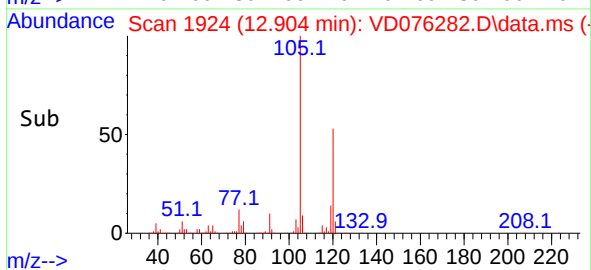
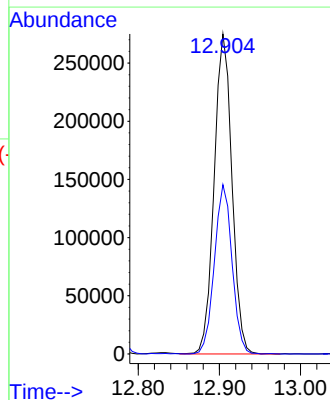
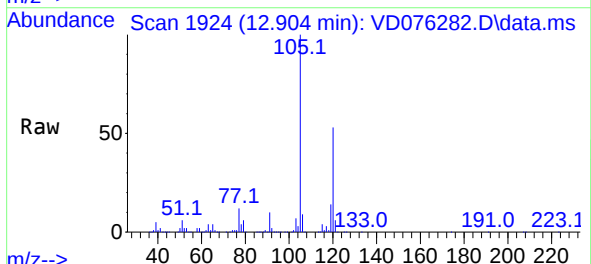
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

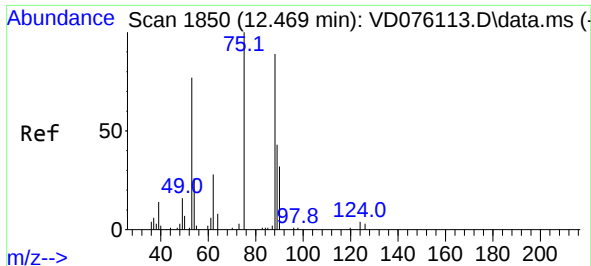
Tgt Ion: 91 Resp: 333951
Ion Ratio Lower Upper
91 100
126 38.8 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 51.699 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 105 Resp: 418433
Ion Ratio Lower Upper
105 100
120 52.4 24.3 72.8

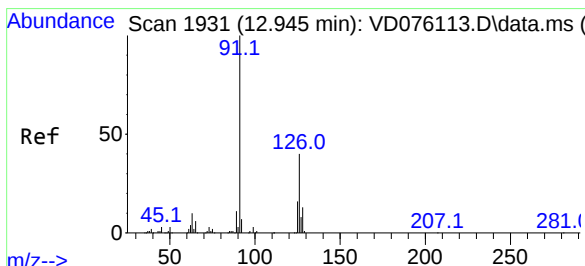
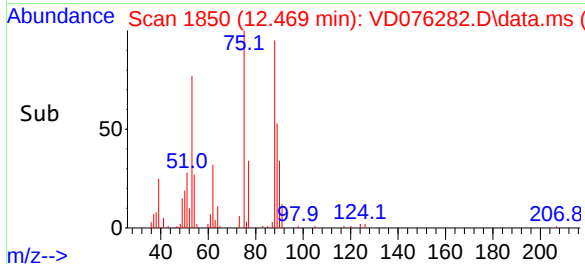
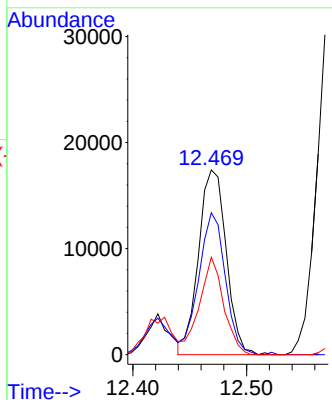
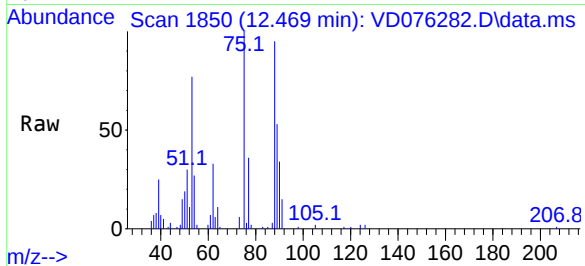




#81
trans-1,4-Dichloro-2-butene
Concen: 47.934 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

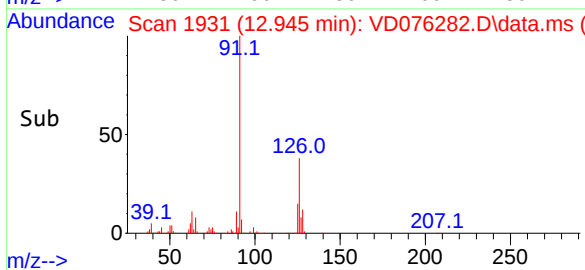
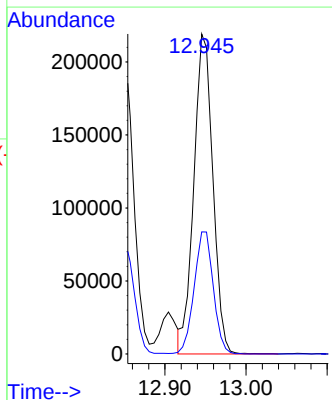
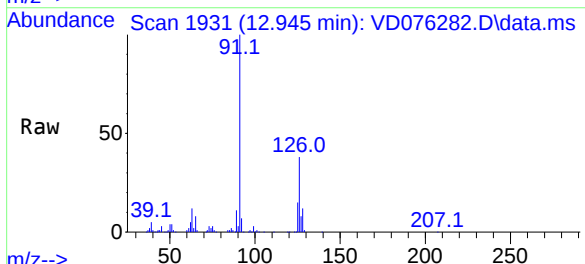
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

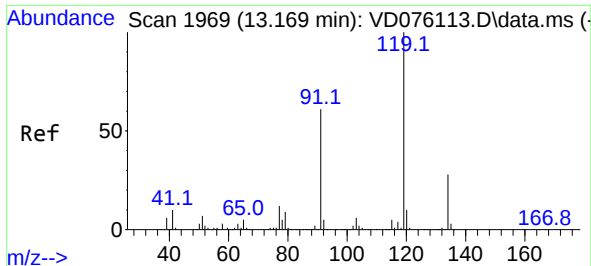
Tgt Ion: 75 Resp: 29511
Ion Ratio Lower Upper
75 100
53 73.9 90.5 135.7#
89 46.5 40.2 60.4



#82
4-Chlorotoluene
Concen: 49.915 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 91 Resp: 357098
Ion Ratio Lower Upper
91 100
126 38.5 17.1 51.2

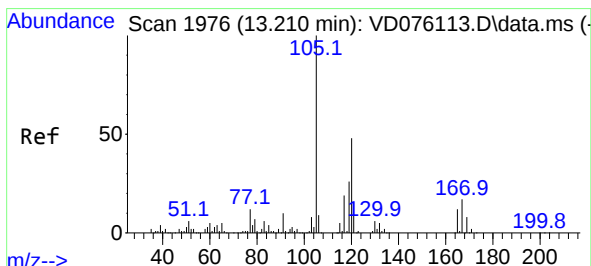
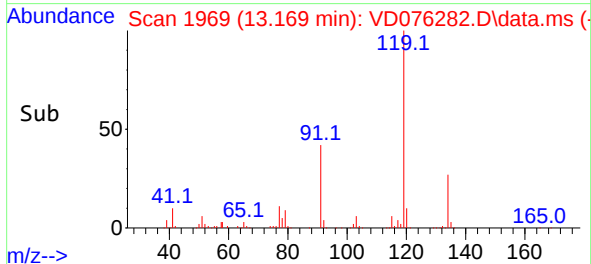
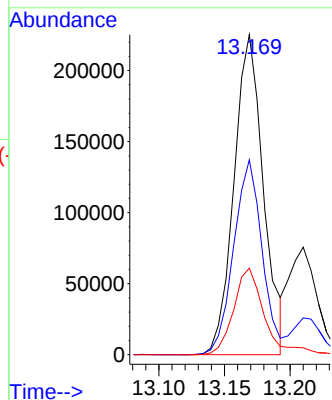
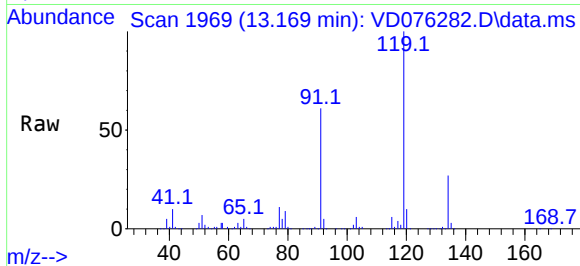




#83
tert-Butylbenzene
Concen: 51.388 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

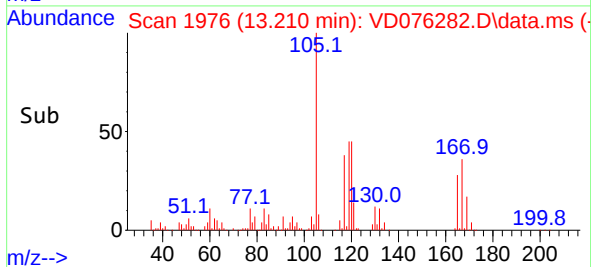
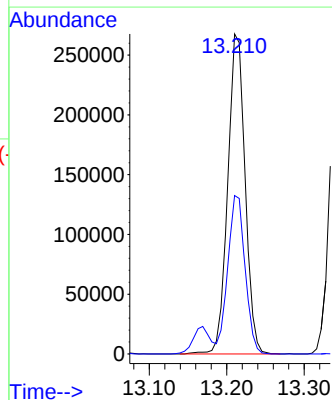
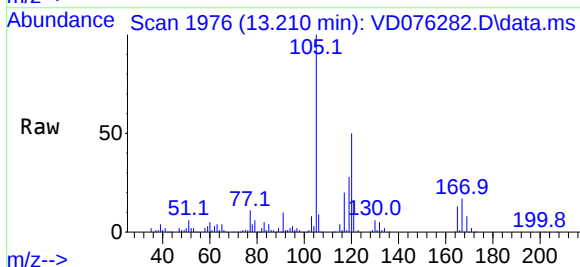
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

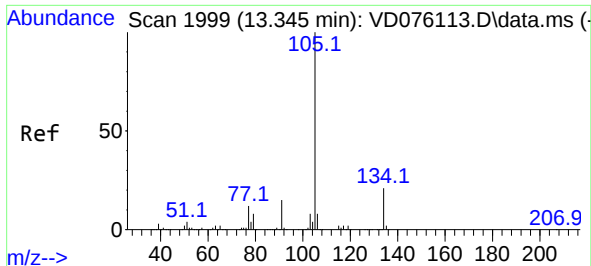
Tgt Ion:119 Resp: 351504
Ion Ratio Lower Upper
119 100
91 58.7 32.4 97.0
134 28.3 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 51.846 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:105 Resp: 417899
Ion Ratio Lower Upper
105 100
120 49.1 22.3 66.9

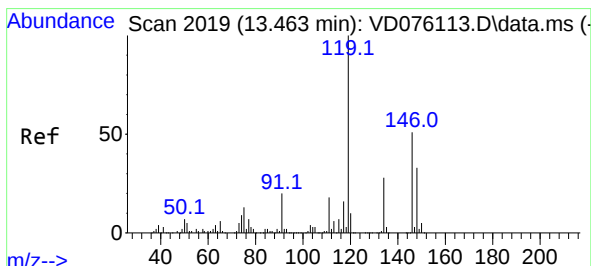
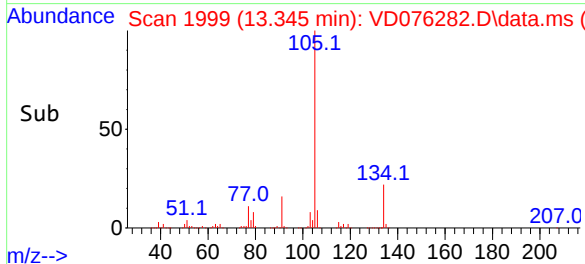
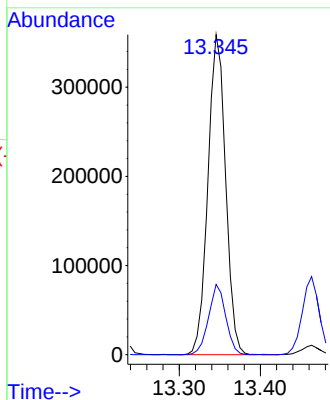
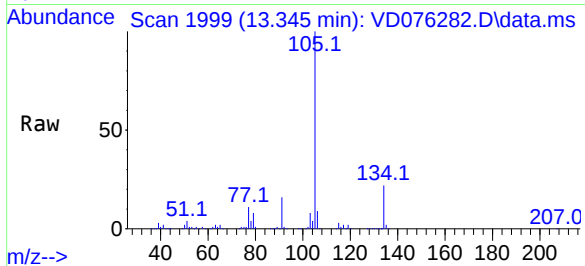




#85
 sec-Butylbenzene
 Concen: 50.863 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076282.D
 Acq: 31 May 2023 12:37

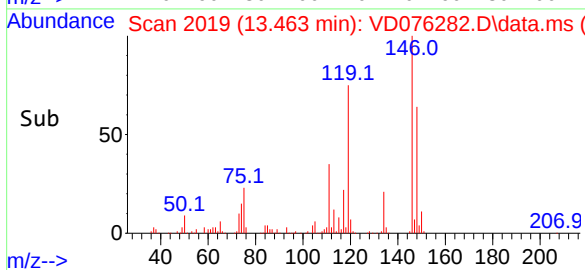
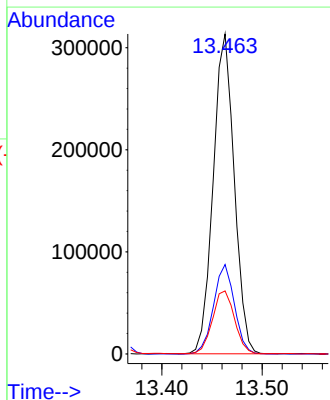
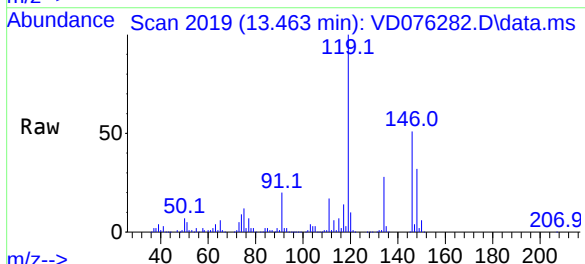
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

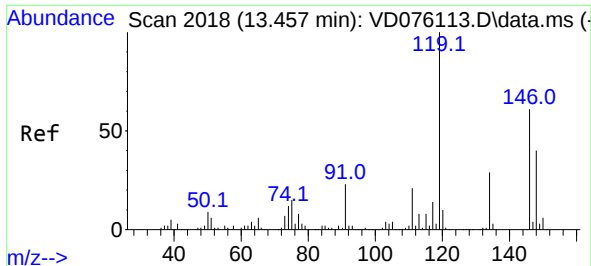
Tgt Ion:105 Resp: 542205
 Ion Ratio Lower Upper
 105 100
 134 21.3 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 52.310 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076282.D
 Acq: 31 May 2023 12:37

Tgt Ion:119 Resp: 456281
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 20.6 12.4 37.4

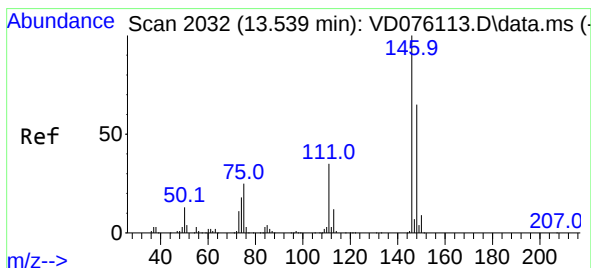
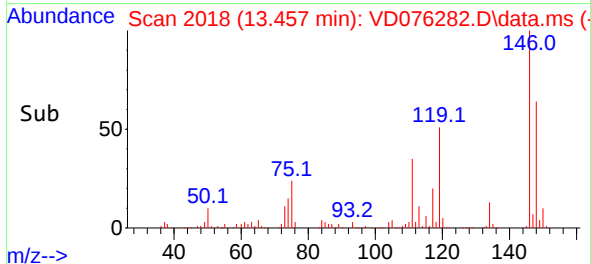
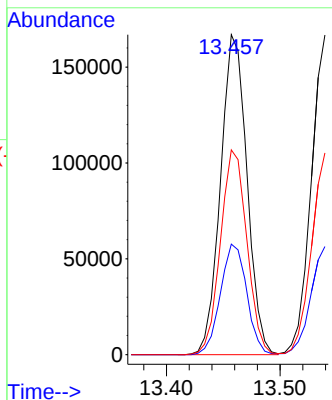
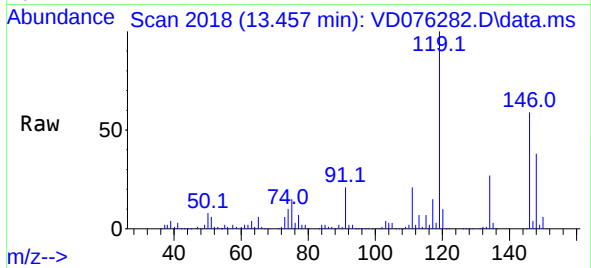




#87
1,3-Dichlorobenzene
Concen: 51.004 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

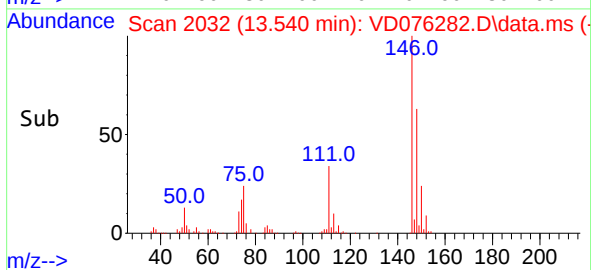
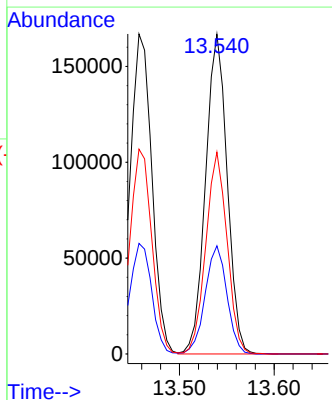
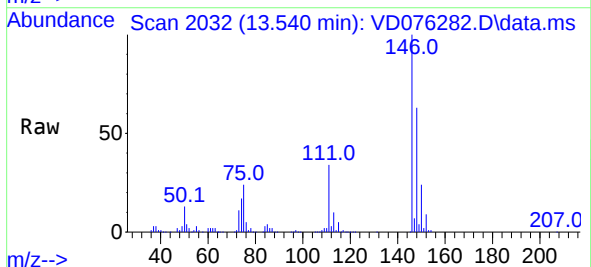
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

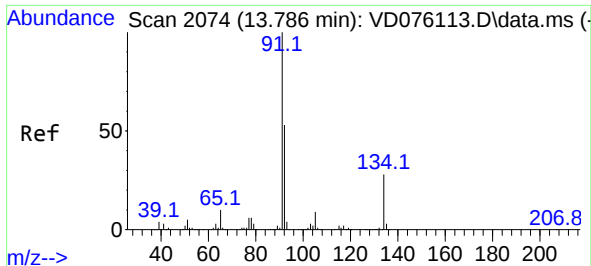
Tgt Ion:146 Resp: 269862
Ion Ratio Lower Upper
146 100
111 34.5 19.8 59.3
148 64.0 31.0 93.0



#88
1,4-Dichlorobenzene
Concen: 50.470 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:146 Resp: 264410
Ion Ratio Lower Upper
146 100
111 34.1 19.6 58.8
148 62.2 31.7 95.1

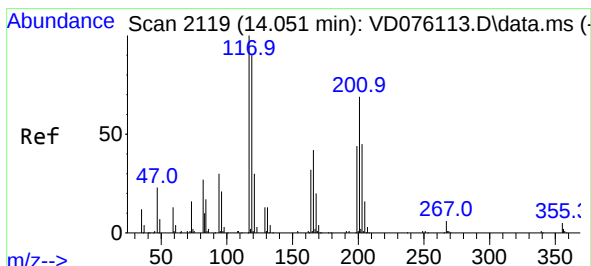
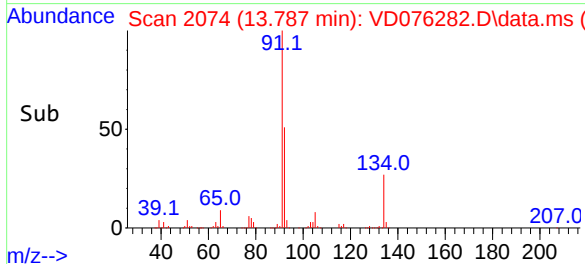
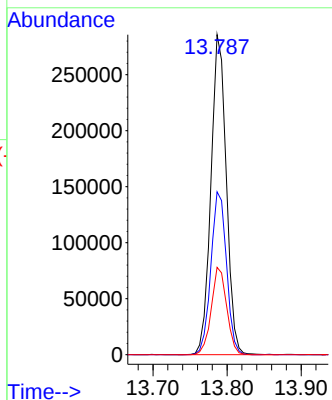
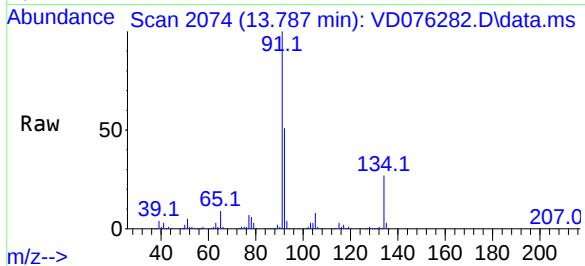




#89
n-Butylbenzene
Concen: 50.023 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

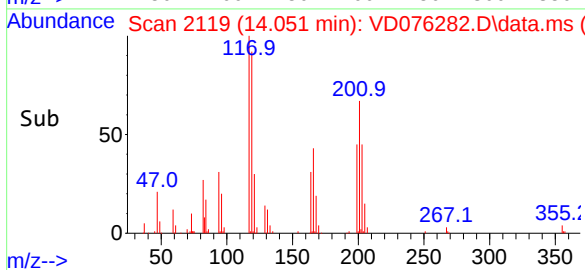
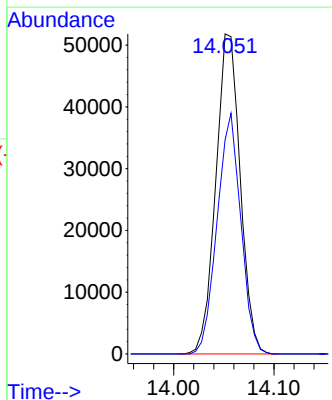
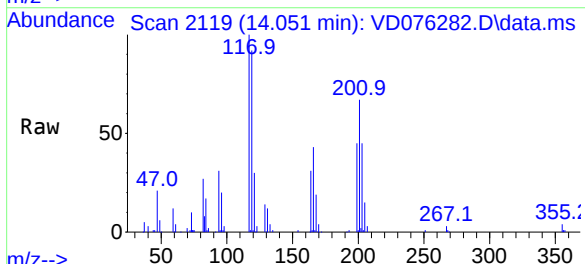
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

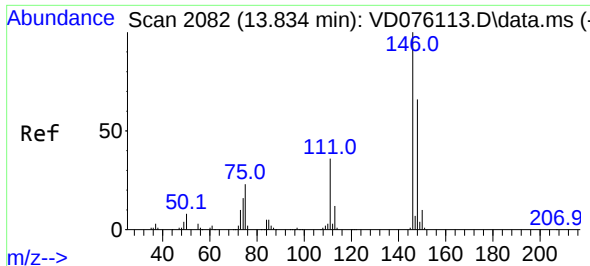
Tgt Ion: 91 Resp: 411184
Ion Ratio Lower Upper
91 100
92 51.7 26.2 78.5
134 27.3 12.7 38.0



#90
Hexachloroethane
Concen: 48.820 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion: 117 Resp: 87592
Ion Ratio Lower Upper
117 100
201 72.9 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 50.625 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD076282.D

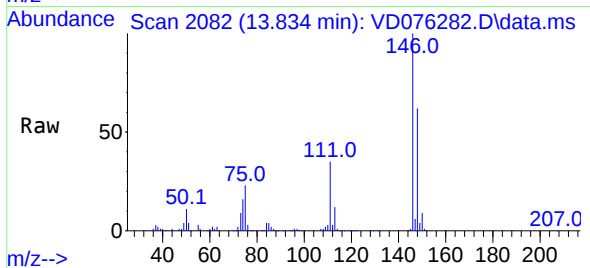
Acq: 31 May 2023 12:37

Instrument :

MSVOA_D

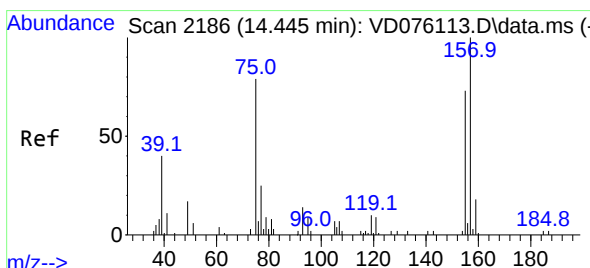
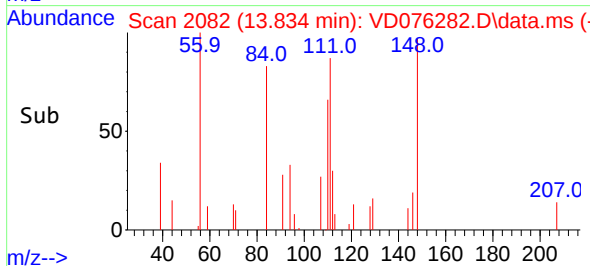
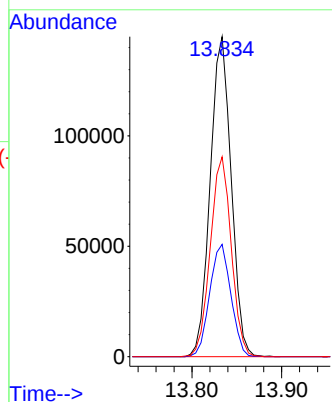
ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 235062

Ion	Ratio	Lower	Upper
146	100		
111	35.5	20.6	61.8
148	62.6	32.0	96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.343 ug/l

RT: 14.451 min Scan# 2187

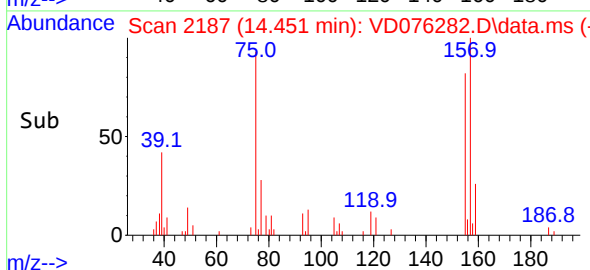
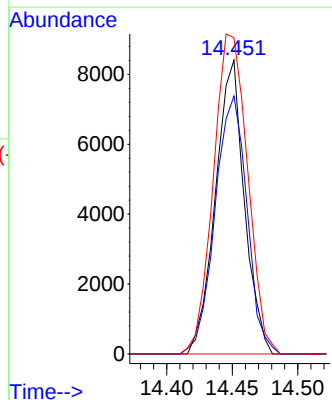
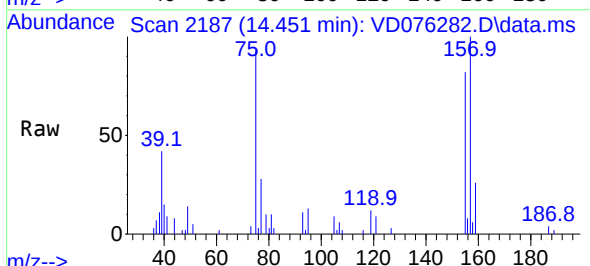
Delta R.T. 0.000 min

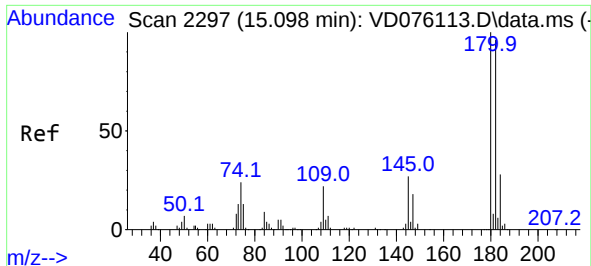
Lab File: VD076282.D

Acq: 31 May 2023 12:37

Tgt Ion: 75 Resp: 12899

Ion	Ratio	Lower	Upper
75	100		
155	96.5	39.5	118.5
157	128.8	53.5	160.7

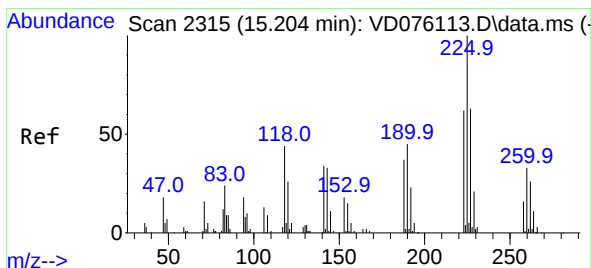
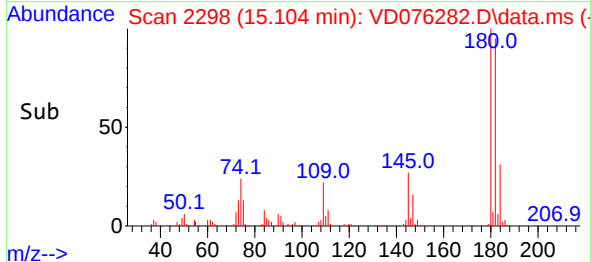
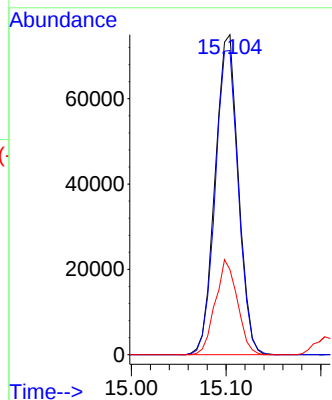
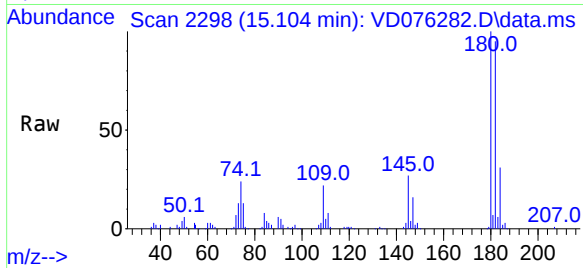




#93
1,2,4-Trichlorobenzene
Concen: 47.431 ug/l
RT: 15.104 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

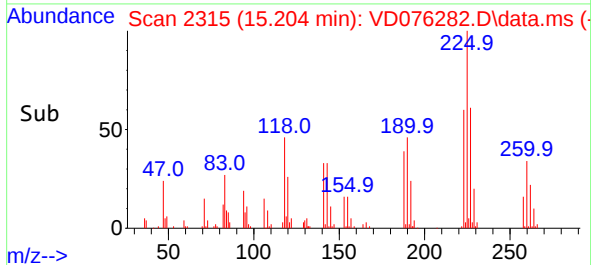
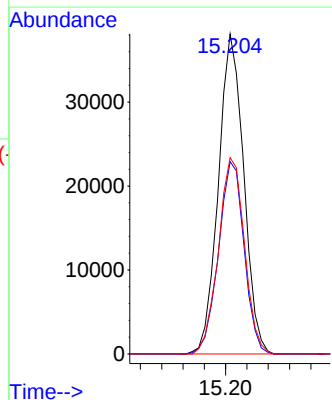
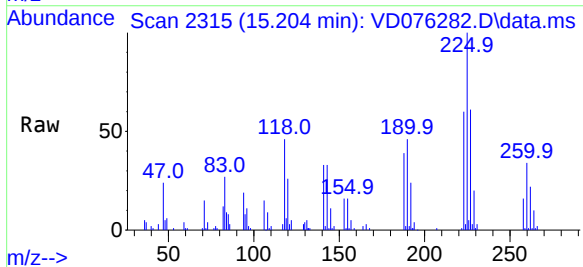
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

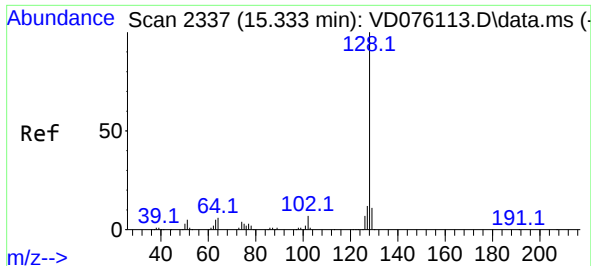
Tgt Ion:180 Resp: 128103
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.7
145 28.2 15.9 47.7



#94
Hexachlorobutadiene
Concen: 45.510 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:225 Resp: 62671
Ion Ratio Lower Upper
225 100
223 60.8 33.1 99.2
227 63.3 31.9 95.9

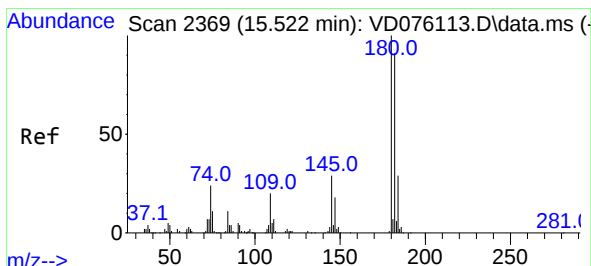
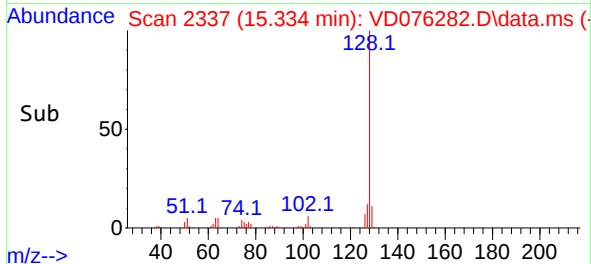
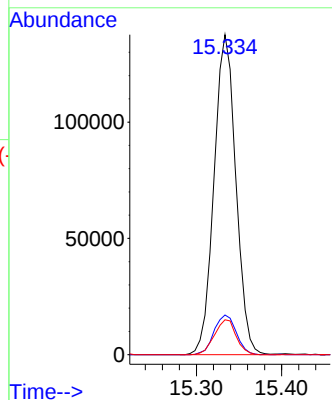
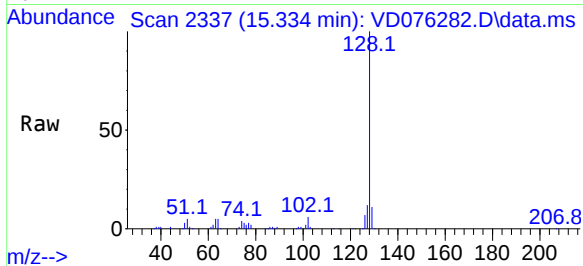




#95
Naphthalene
Concen: 48.819 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:	128	Resp:	244990
Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	10.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 46.524 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076282.D
Acq: 31 May 2023 12:37

Tgt Ion:	180	Resp:	114277
Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.7	143.1
145	30.4	16.4	49.4

