

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076147.D
 Acq On : 18 May 2023 18:29
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 19 01:54:46 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	191177	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	326909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312928	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	181529	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	88661	47.985	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.980%
35) Dibromofluoromethane	7.805	113	103714	45.898	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.800%
50) Toluene-d8	10.269	98	421974	47.904	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.800%
62) 4-Bromofluorobenzene	12.575	95	117009	47.819	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	78295	45.410	ug/l	95
3) Chloromethane	2.146	50	159753	57.042	ug/l	97
4) Vinyl Chloride	2.281	62	194327	52.259	ug/l	99
5) Bromomethane	2.681	94	128034	51.142	ug/l	97
6) Chloroethane	2.828	64	136199	54.442	ug/l	94
7) Trichlorofluoromethane	3.170	101	141709	44.961	ug/l	98
8) Diethyl Ether	3.587	74	51009	49.213	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.964	101	95473	45.987	ug/l	95
10) Methyl Iodide	4.164	142	122011	56.522	ug/l	90
11) Tert butyl alcohol	5.064	59	24835	254.096	ug/l #	100
12) 1,1-Dichloroethene	3.940	96	97640	47.255	ug/l	89
13) Acrolein	3.793	56	48603	203.183	ug/l	96
14) Allyl chloride	4.564	41	104237	49.708	ug/l #	79
15) Acrylonitrile	5.264	53	111676	260.220	ug/l	97
16) Acetone	4.028	43	82927	225.579	ug/l #	80
17) Carbon Disulfide	4.269	76	283731	50.778	ug/l	96
18) Methyl Acetate	4.564	43	68450	52.198	ug/l #	79
19) Methyl tert-butyl Ether	5.317	73	212341	52.505	ug/l	97
20) Methylene Chloride	4.799	84	142399	48.720	ug/l #	74
21) trans-1,2-Dichloroethene	5.305	96	117755	49.449	ug/l #	80
22) Diisopropyl ether	6.216	45	265887	54.626	ug/l #	92
23) Vinyl Acetate	6.158	43	617342	322.568	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	194792	50.744	ug/l	99
25) 2-Butanone	7.081	43	117717	254.671	ug/l #	75
26) 2,2-Dichloropropane	7.075	77	154894	49.486	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	137820	52.153	ug/l	84
28) Bromochloromethane	7.422	49	65316	51.029	ug/l #	71
29) Tetrahydrofuran	7.440	42	72676	269.753	ug/l #	67
30) Chloroform	7.599	83	212587	51.786	ug/l	97
31) Cyclohexane	7.875	56	132178	46.710	ug/l #	83
32) 1,1,1-Trichloroethane	7.787	97	159032	48.612	ug/l	98
36) 1,1-Dichloropropene	8.005	75	147607	48.367	ug/l	96
37) Ethyl Acetate	7.163	43	53609	50.729	ug/l #	86
38) Carbon Tetrachloride	7.987	117	124292	45.089	ug/l	95
39) Methylcyclohexane	9.269	83	164275	46.755	ug/l	95
40) Benzene	8.246	78	474076	48.318	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	23684	40.873	ug/l #	55
42) 1,2-Dichloroethane	8.328	62	111566	48.074	ug/l	91
43) Isopropyl Acetate	8.358	43	91702	46.453	ug/l #	93
44) Trichloroethene	9.028	130	121749	44.030	ug/l	89
45) 1,2-Dichloropropane	9.305	63	118191	48.837	ug/l	97
46) Dibromomethane	9.393	93	65725	48.450	ug/l	97
47) Bromodichloromethane	9.581	83	157827	48.410	ug/l	96
48) Methyl methacrylate	9.381	41	43043	49.265	ug/l #	63
49) 1,4-Dioxane	9.387	88	14711	1014.114	ug/l #	80
51) 4-Methyl-2-Pentanone	10.157	43	260058	247.695	ug/l #	80
52) Toluene	10.334	92	308414	50.329	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	145287	49.444	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	179356	50.016	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	97819	50.284	ug/l	92
56) Ethyl methacrylate	10.599	69	100122	51.205	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	153153	50.182	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	235182	250.682	ug/l	92
59) 2-Hexanone	10.922	43	178474	241.043	ug/l	76
60) Dibromochloromethane	11.075	129	108354	49.537	ug/l	99
61) 1,2-Dibromoethane	11.175	107	85696	49.522	ug/l	96
64) Tetrachloroethene	10.810	164	98610	40.979	ug/l	90
65) Chlorobenzene	11.610	112	328326	46.087	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	113536	46.310	ug/l	95
67) Ethyl Benzene	11.687	91	557007	48.931	ug/l	96
68) m/p-Xylenes	11.793	106	460393	98.956	ug/l	91
69) o-Xylene	12.122	106	211300	49.773	ug/l	91
70) Styrene	12.134	104	378601	51.439	ug/l	93
71) Bromoform	12.299	173	60930	44.184	ug/l #	98
73) Isopropylbenzene	12.422	105	520727	43.364	ug/l	98
74) N-amyl acetate	12.234	43	86732	40.549	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	12.675	83	108222	41.932	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	122856	77.339	ug/l #	100
77) Bromobenzene	12.704	156	131556	40.874	ug/l	94
78) n-propylbenzene	12.763	91	654000	43.755	ug/l	98
79) 2-Chlorotoluene	12.851	91	356690	43.118	ug/l	92
80) 1,3,5-Trimethylbenzene	12.904	105	438522	44.051	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	32469	42.879	ug/l #	71
82) 4-Chlorotoluene	12.946	91	377057	42.851	ug/l	93
83) tert-Butylbenzene	13.169	119	362434	43.080	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	447276	45.116	ug/l	93
85) sec-Butylbenzene	13.345	105	580768	44.295	ug/l	99
86) p-Isopropyltoluene	13.463	119	510105	47.548	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	302756	46.524	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	292725	45.428	ug/l	96
89) n-Butylbenzene	13.787	91	460409	45.539	ug/l	98
90) Hexachloroethane	14.057	117	93495	42.367	ug/l	94
91) 1,2-Dichlorobenzene	13.828	146	265002	46.403	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14802	44.171	ug/l	83
93) 1,2,4-Trichlorobenzene	15.098	180	148511	44.707	ug/l	98
94) Hexachlorobutadiene	15.204	225	72604	42.866	ug/l	98
95) Naphthalene	15.334	128	282292	45.735	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	133781	44.282	ug/l	98

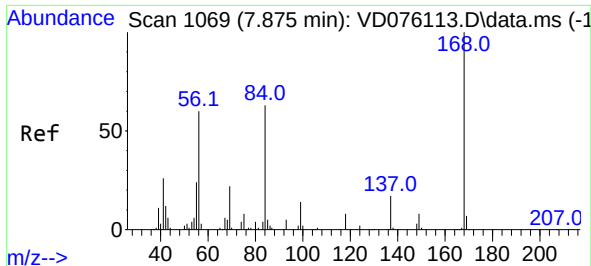
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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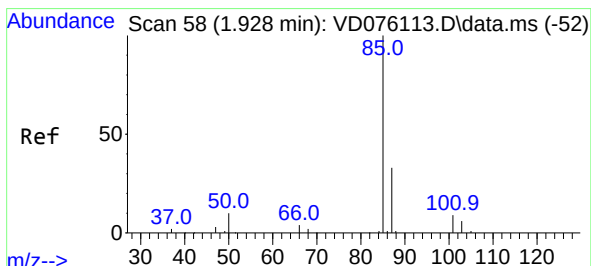
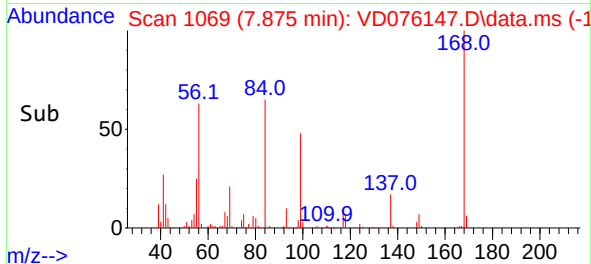
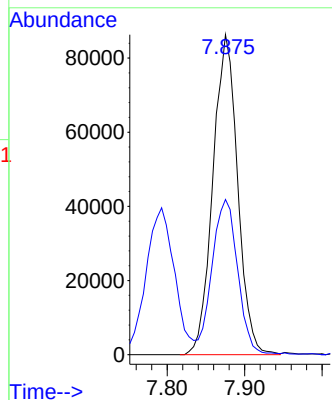
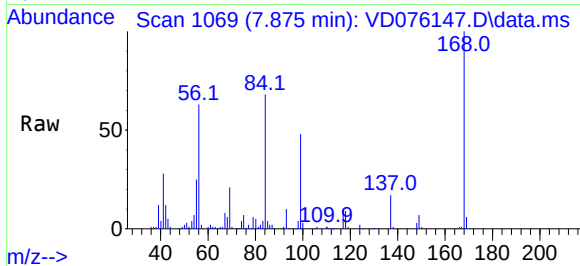
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

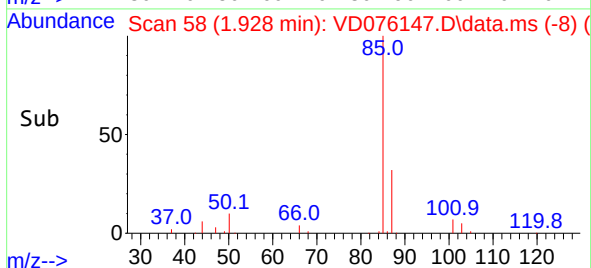
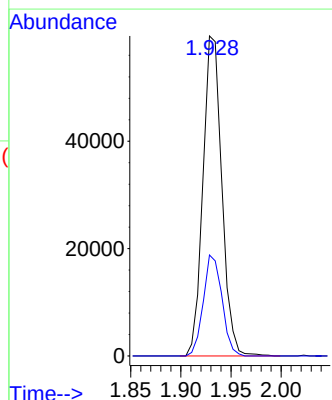
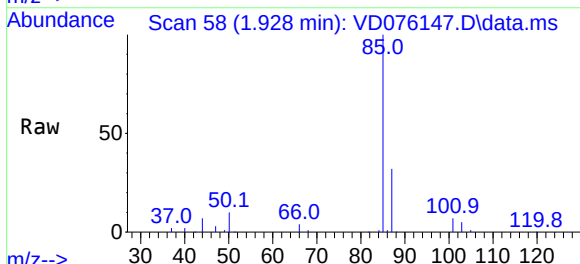
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:168 Resp: 191177
Ion Ratio Lower Upper
168 100
99 48.1 43.8 65.6

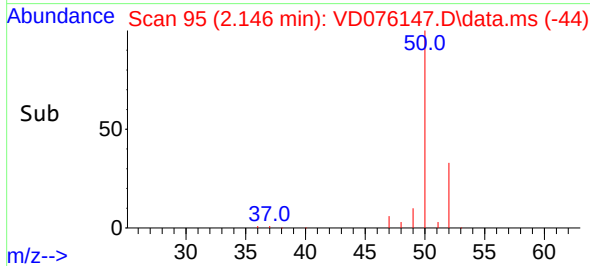
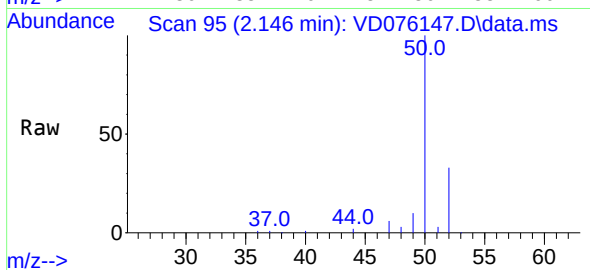
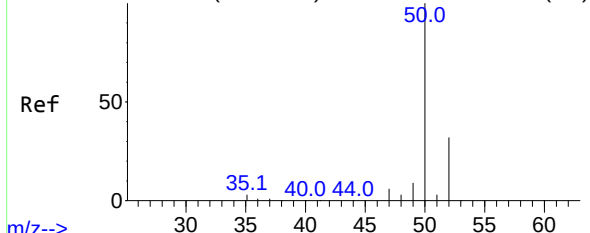


#2
Dichlorodifluoromethane
Concen: 45.410 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 85 Resp: 78295
Ion Ratio Lower Upper
85 100
87 31.5 17.3 51.7



Abundance Scan 95 (2.146 min): VD076113.D\data.ms (-88)



#3

Chloromethane

Concen: 57.042 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

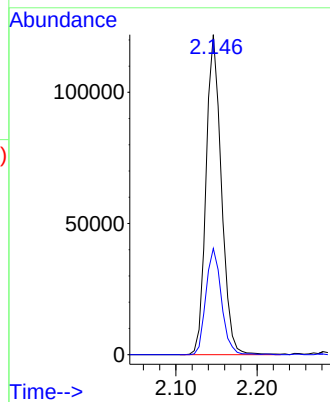
VSTDCCC050EC

Tgt Ion: 50 Resp: 159753

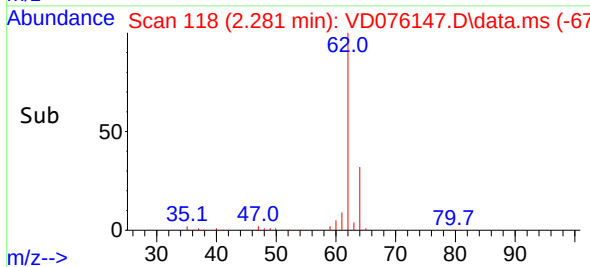
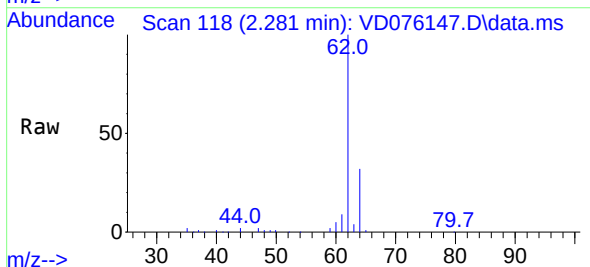
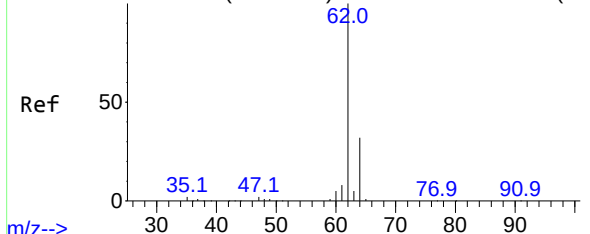
Ion Ratio Lower Upper

50 100

52 33.2 27.8 41.8



Abundance Scan 118 (2.281 min): VD076113.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 52.259 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD076147.D

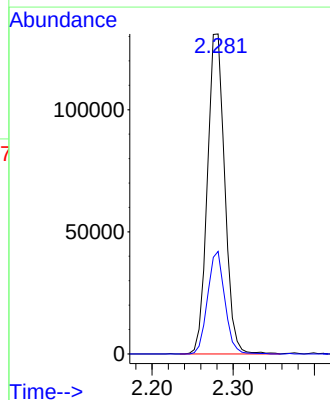
Acq: 18 May 2023 18:29

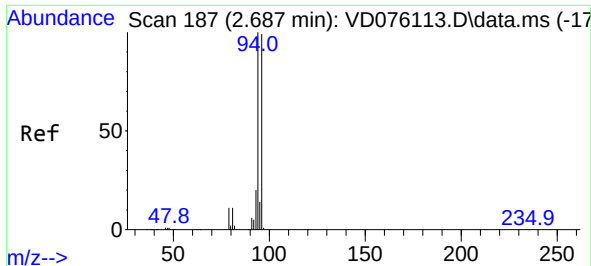
Tgt Ion: 62 Resp: 194327

Ion Ratio Lower Upper

62 100

64 32.0 25.4 38.0

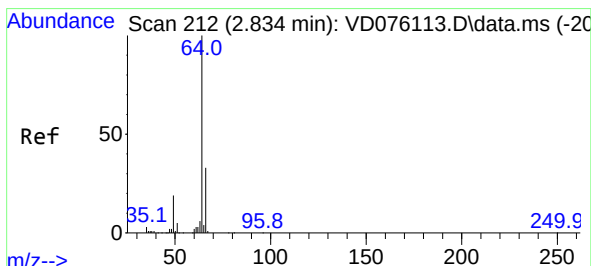
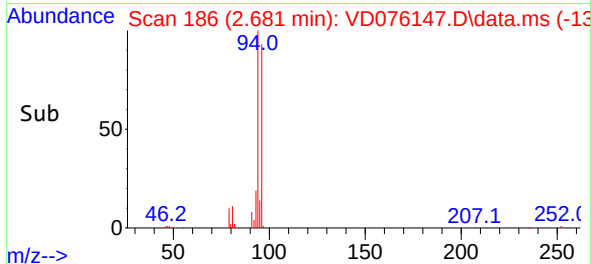
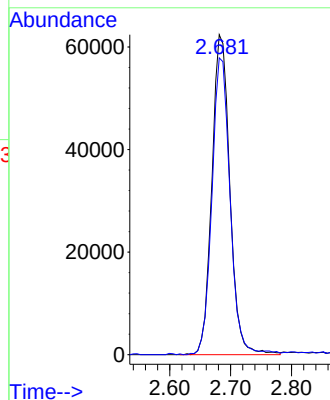
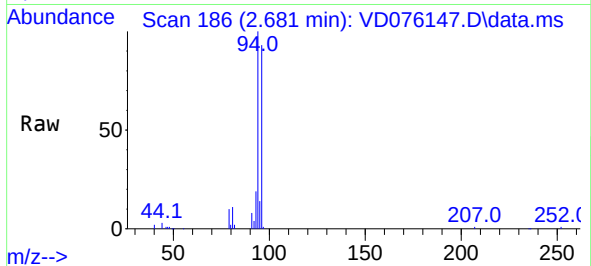




#5
Bromomethane
Concen: 51.142 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

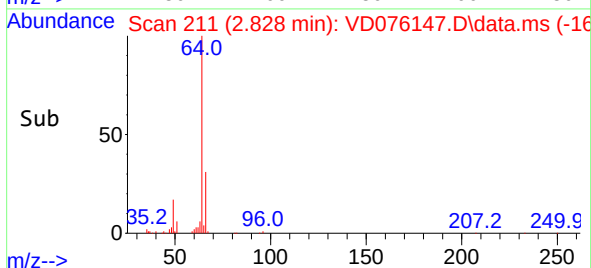
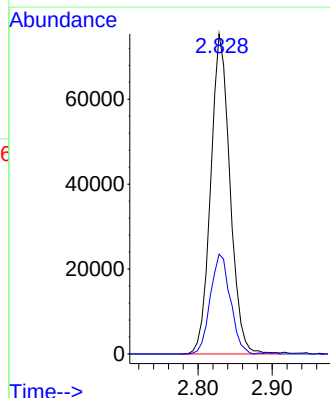
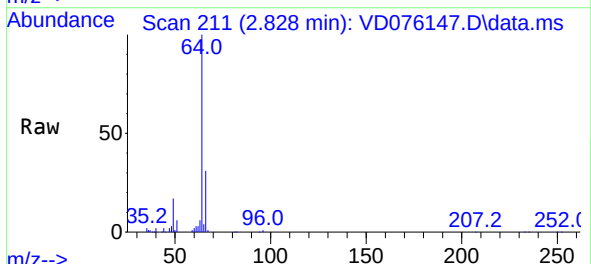
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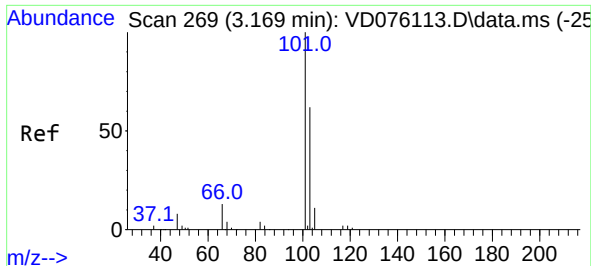
Tgt Ion: 94 Resp: 128034
Ion Ratio Lower Upper
94 100
96 93.9 77.5 116.3



#6
Chloroethane
Concen: 54.442 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 64 Resp: 136199
Ion Ratio Lower Upper
64 100
66 31.2 27.7 41.5

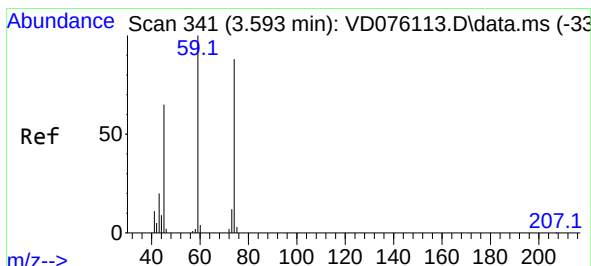
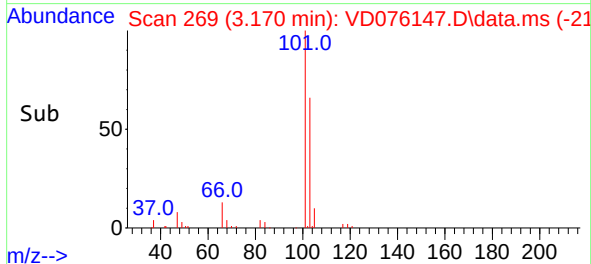
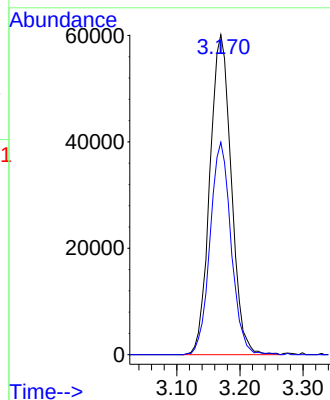
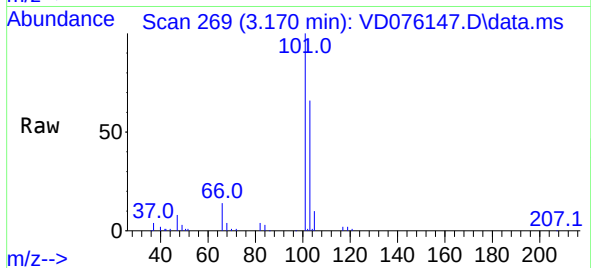




#7
Trichlorofluoromethane
Concen: 44.961 ug/l
RT: 3.170 min Scan# 20
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

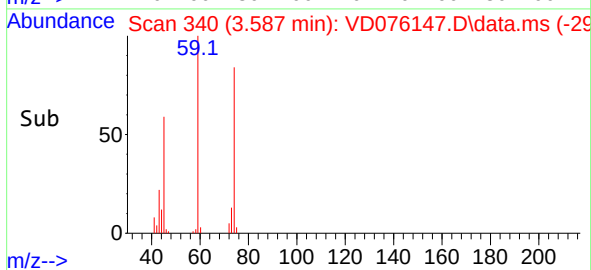
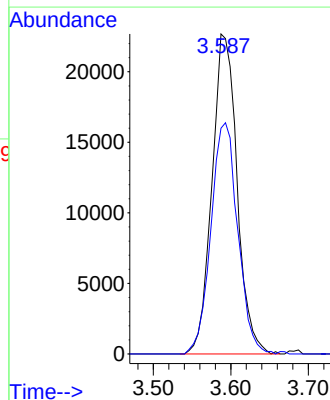
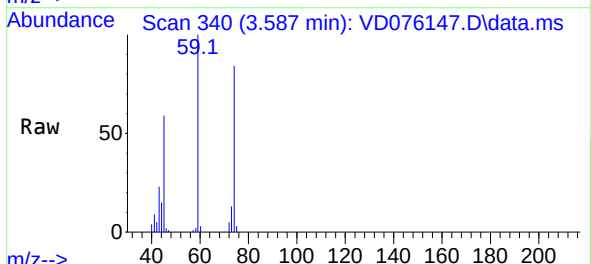
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

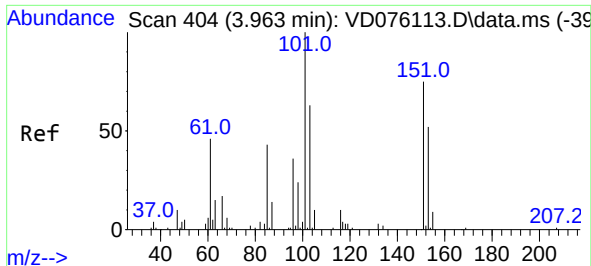
Tgt Ion:101 Resp: 141709
Ion Ratio Lower Upper
101 100
103 66.4 51.9 77.9



#8
Diethyl Ether
Concen: 49.213 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 74 Resp: 51009
Ion Ratio Lower Upper
74 100
45 77.2 50.9 152.7



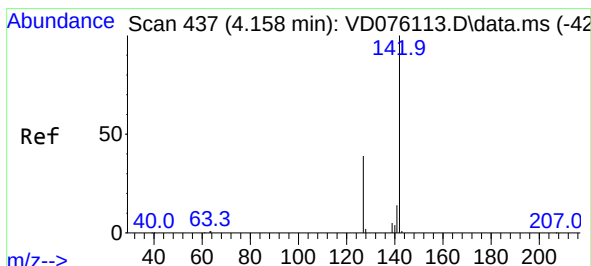
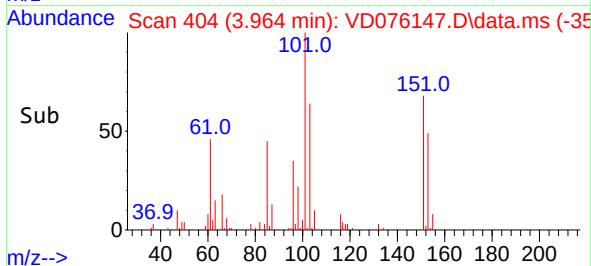
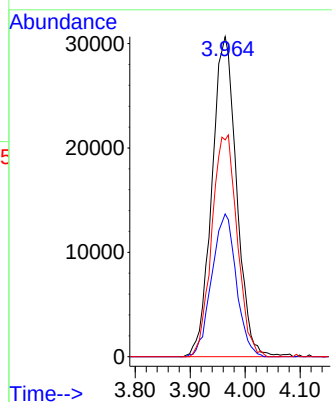
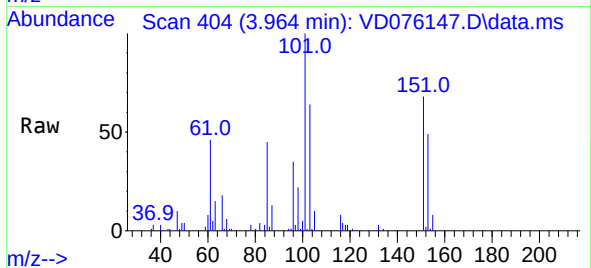


#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.987 ug/l
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD076147.D
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VSTDCCC050EC

Tgt Ion:101 Resp: 95473

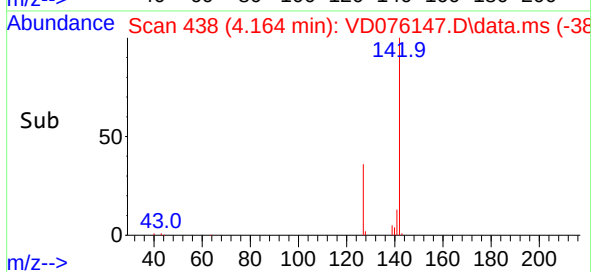
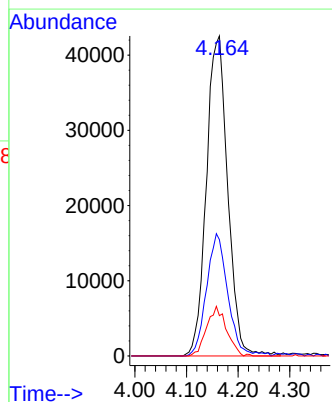
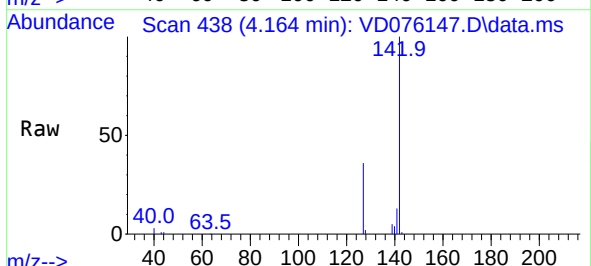
Ion	Ratio	Lower	Upper
101	100		
85	44.4	38.3	57.5
151	71.4	60.4	90.6

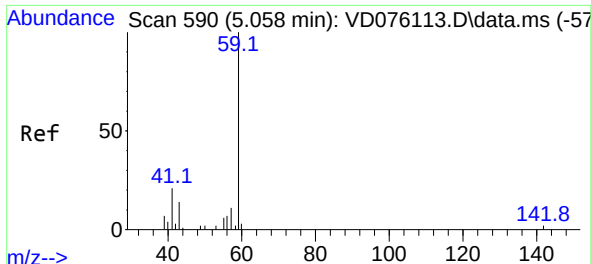


#10
Methyl Iodide
Concen: 56.522 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:142 Resp: 122011

Ion	Ratio	Lower	Upper
142	100		
127	37.6	37.1	55.7
141	14.3	11.3	16.9





#11

Tert butyl alcohol

Concen: 254.096 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.012 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

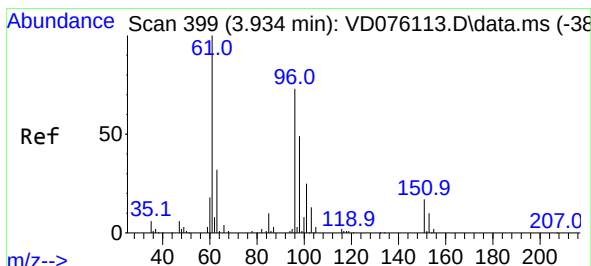
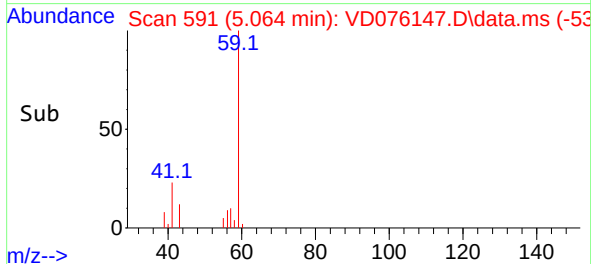
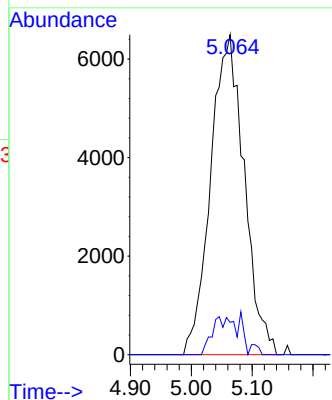
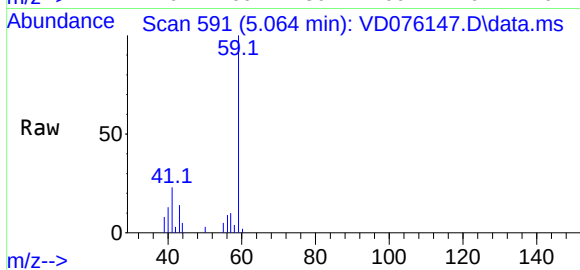
VSTDCCC050EC

Tgt Ion: 59 Resp: 24835

Ion Ratio Lower Upper

59 100

57 4.2 0.0 0.0#



#12

1,1-Dichloroethene

Concen: 47.255 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

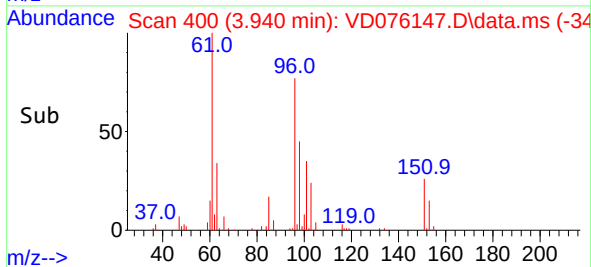
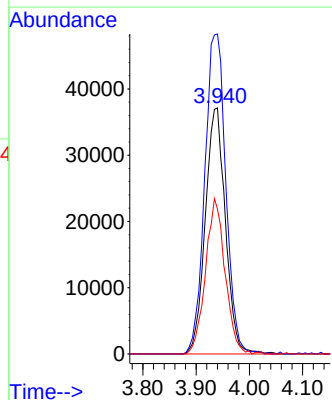
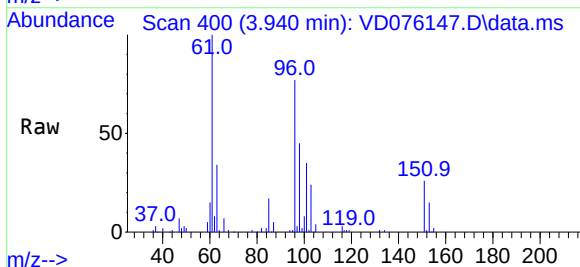
Tgt Ion: 96 Resp: 97640

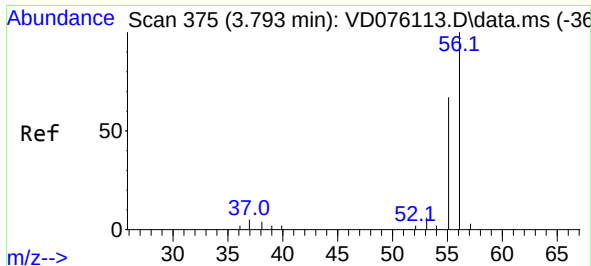
Ion Ratio Lower Upper

96 100

61 130.1 118.6 177.8

98 58.8 49.7 74.5

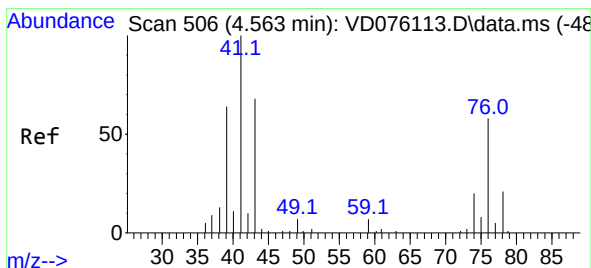
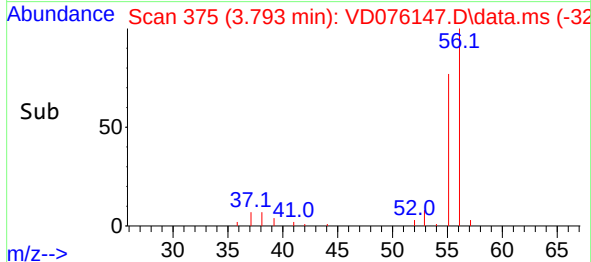
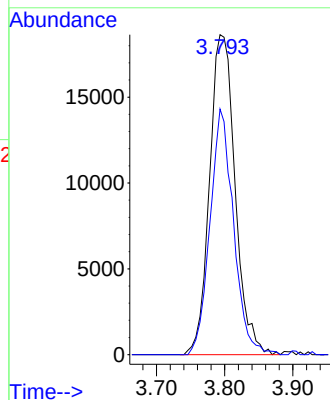
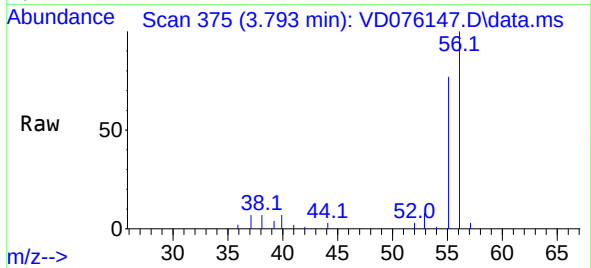




#13
Acrolein
Concen: 203.183 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

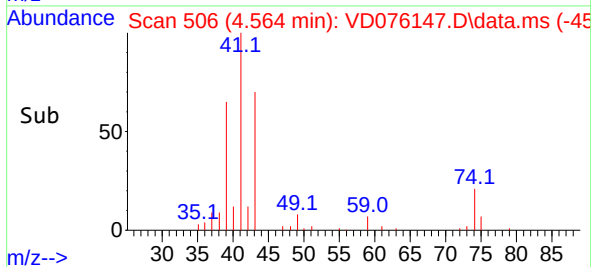
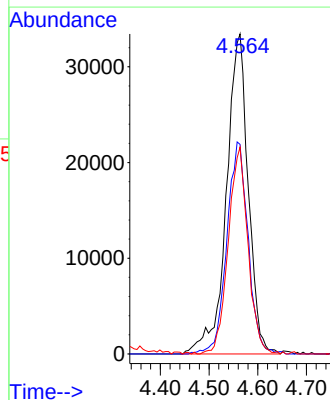
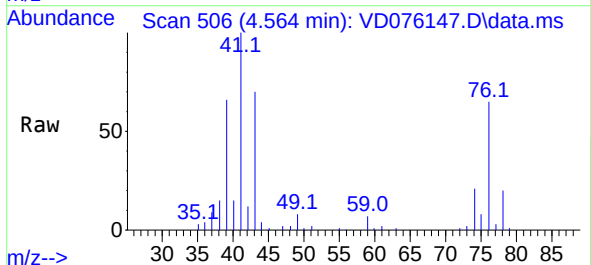
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

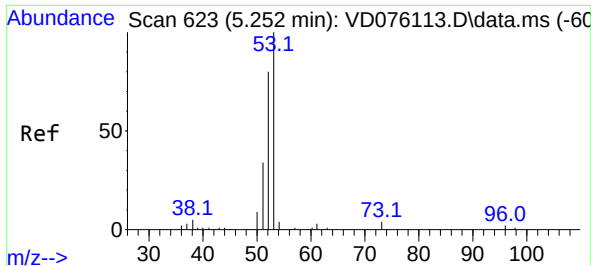
Tgt Ion: 56 Resp: 48603
Ion Ratio Lower Upper
56 100
55 70.8 53.9 80.9



#14
Allyl chloride
Concen: 49.708 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 41 Resp: 104237
Ion Ratio Lower Upper
41 100
39 64.5 60.6 90.8
76 58.3 28.6 43.0#

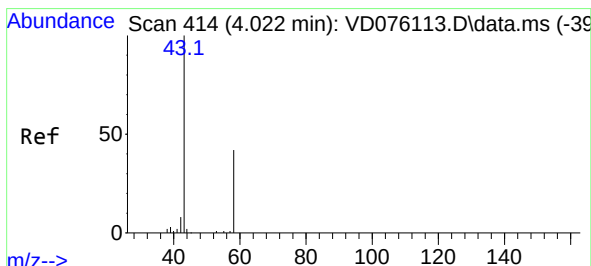
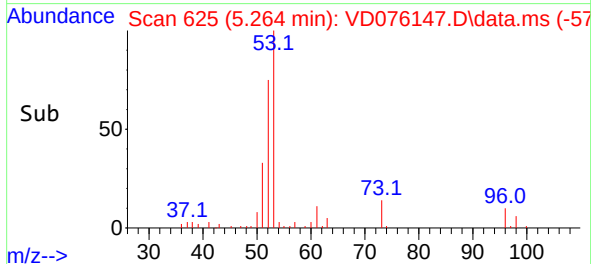
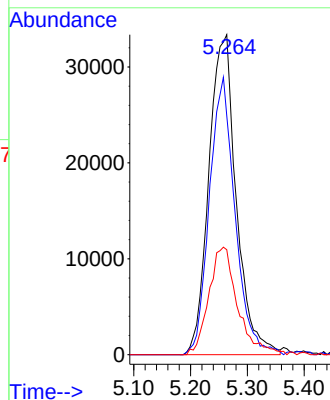
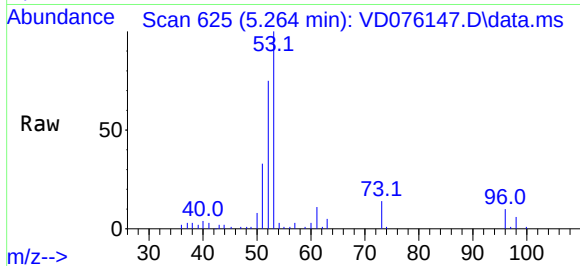




#15
Acrylonitrile
Concen: 260.220 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

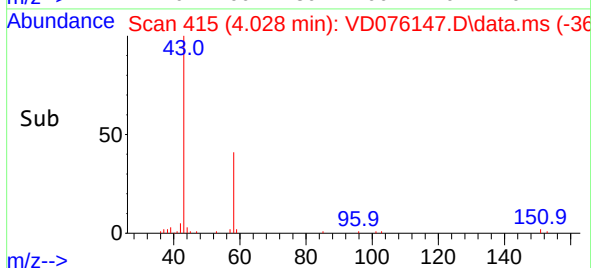
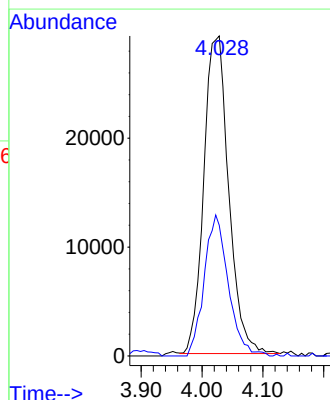
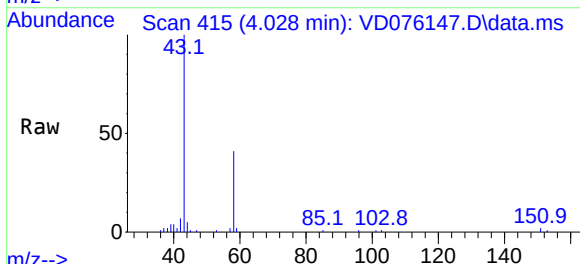
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

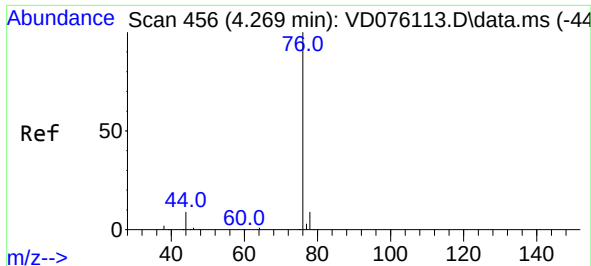
Tgt Ion: 53 Resp: 111676
Ion Ratio Lower Upper
53 100
52 81.3 66.2 99.4
51 35.3 30.7 46.1



#16
Acetone
Concen: 225.579 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 43 Resp: 82927
Ion Ratio Lower Upper
43 100
58 41.2 24.4 36.6#

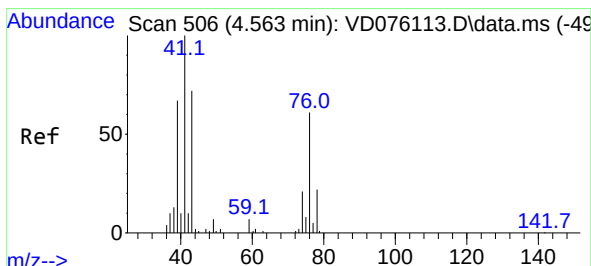
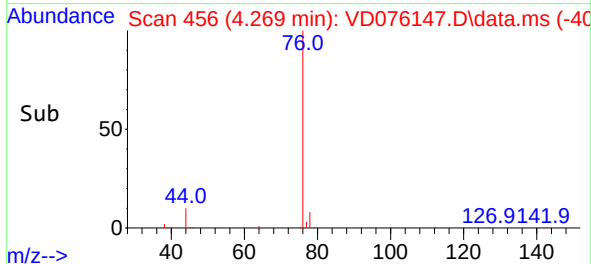
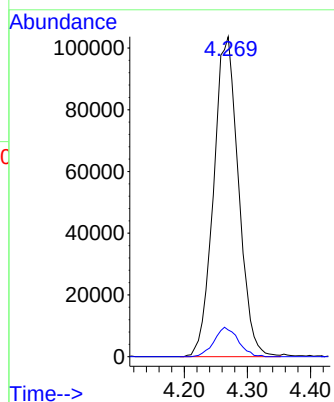
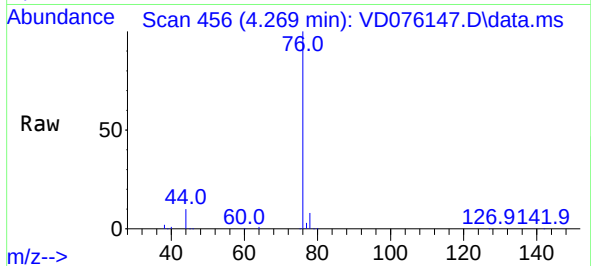




#17
Carbon Disulfide
Concen: 50.778 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

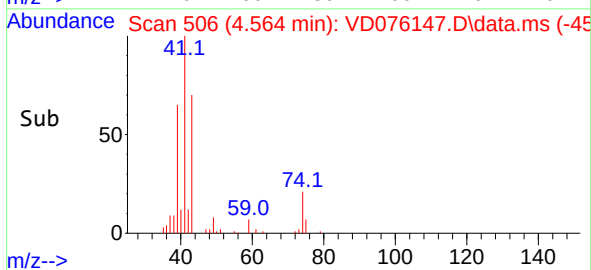
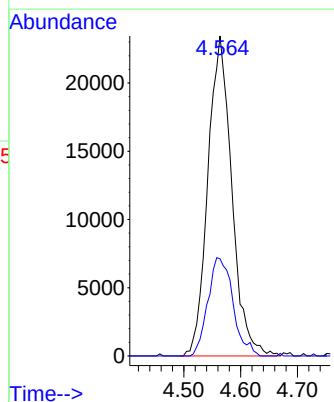
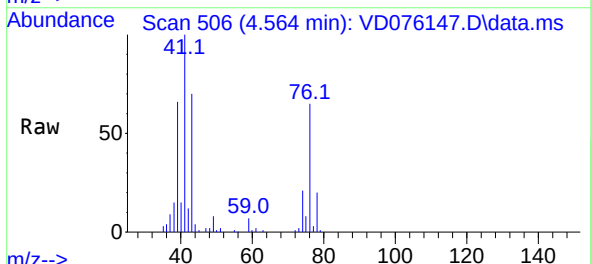
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

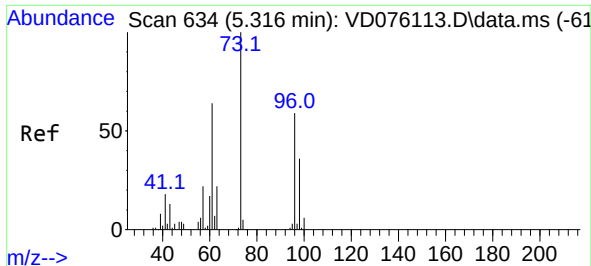
Tgt Ion: 76 Resp: 283731
Ion Ratio Lower Upper
76 100
78 8.3 8.0 12.0



#18
Methyl Acetate
Concen: 52.198 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 43 Resp: 68450
Ion Ratio Lower Upper
43 100
74 32.2 17.8 26.6#





#19

Methyl tert-butyl Ether

Concen: 52.505 ug/l

RT: 5.317 min Scan# 61

Delta R.T. -0.005 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

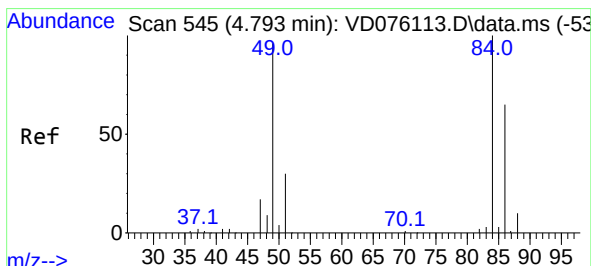
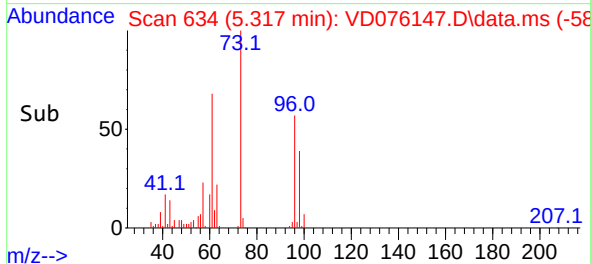
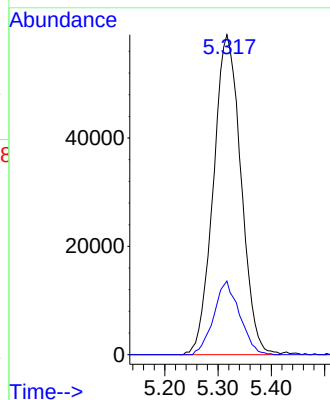
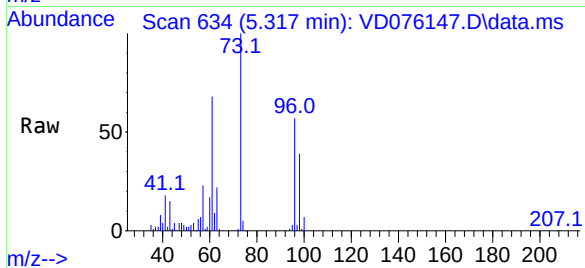
VSTDCCC050EC

Tgt Ion: 73 Resp: 212341

Ion Ratio Lower Upper

73 100

57 23.0 17.2 25.8



#20

Methylene Chloride

Concen: 48.720 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Tgt Ion: 84 Resp: 142399

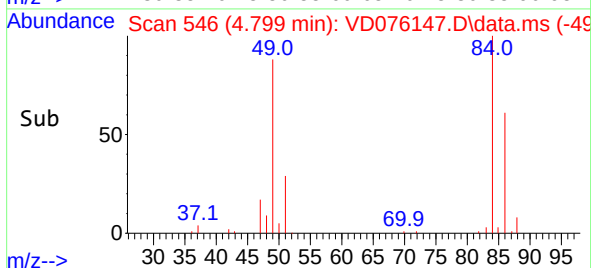
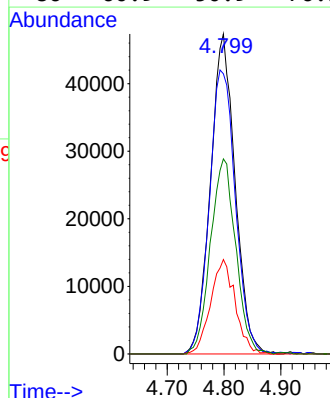
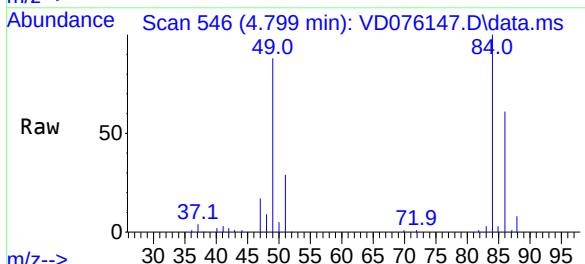
Ion Ratio Lower Upper

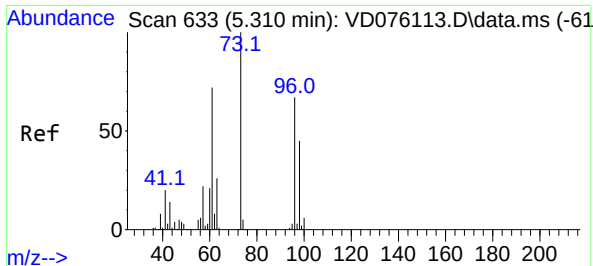
84 100

49 87.5 106.4 159.6#

51 29.5 32.4 48.6#

86 60.9 50.9 76.3

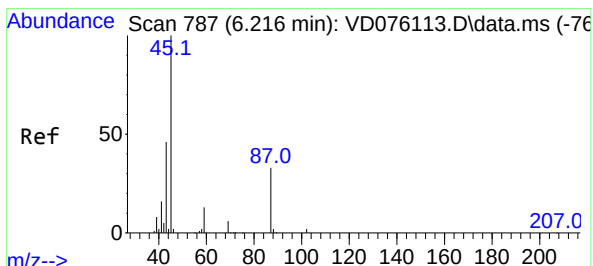
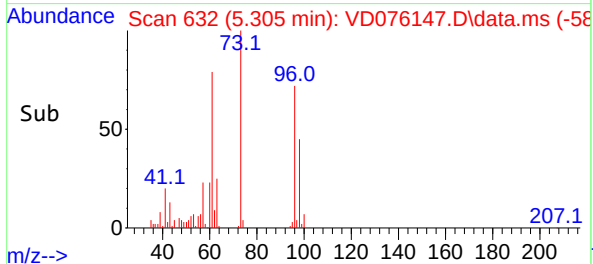
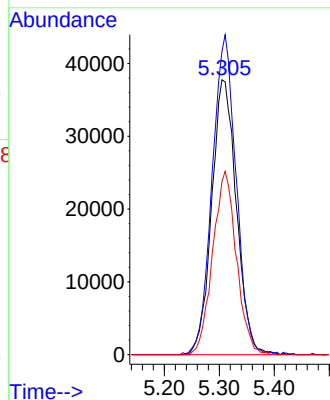
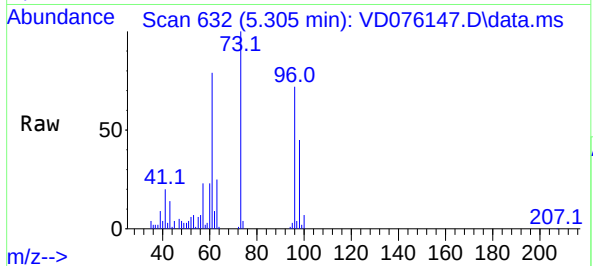




#21
trans-1,2-Dichloroethene
Concen: 49.449 ug/l
RT: 5.305 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

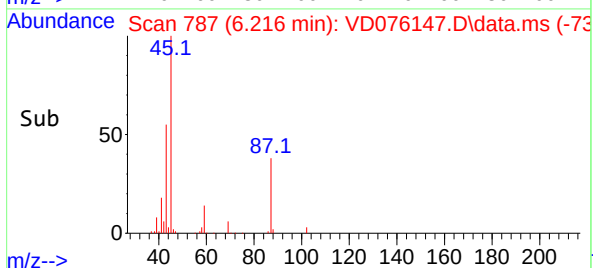
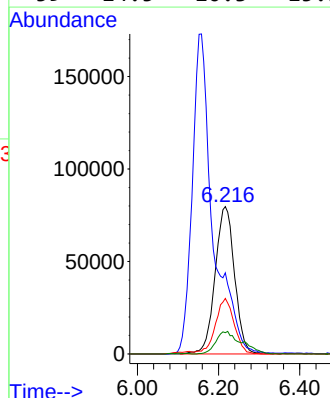
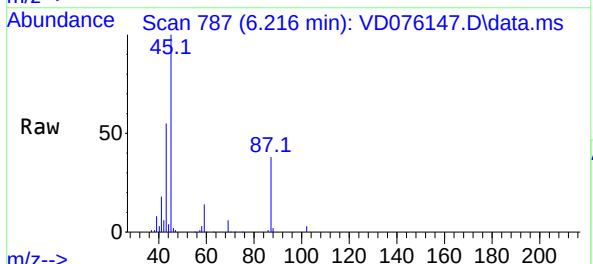
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

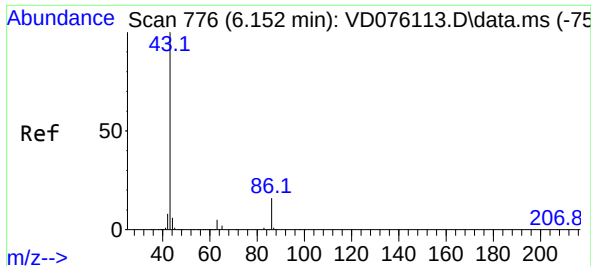
Tgt Ion: 96 Resp: 117755
Ion Ratio Lower Upper
96 100
61 110.3 117.2 175.8#
98 63.0 50.6 76.0



#22
Diisopropyl ether
Concen: 54.626 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 45 Resp: 265887
Ion Ratio Lower Upper
45 100
43 54.5 44.4 66.6
87 37.7 20.9 31.3#
59 14.5 10.3 15.5

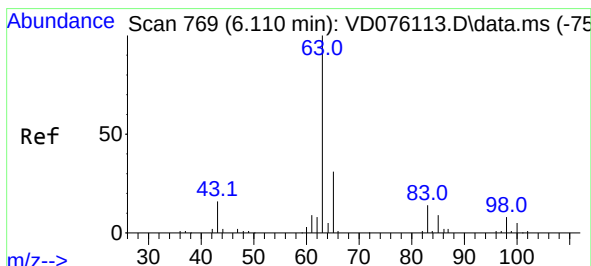
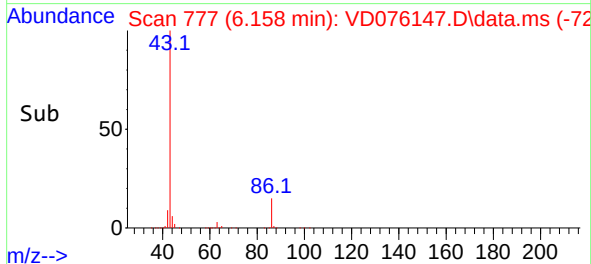
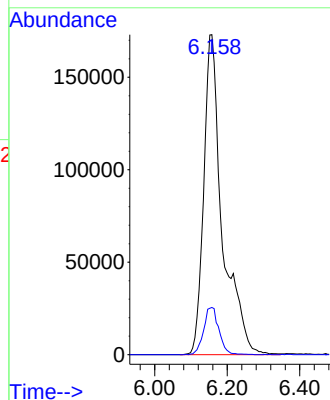
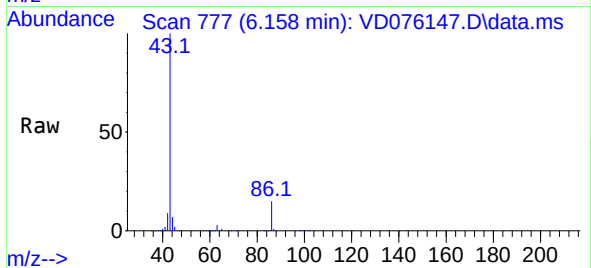




#23
 Vinyl Acetate
 Concen: 322.568 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

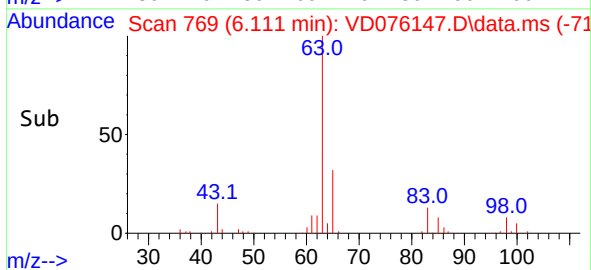
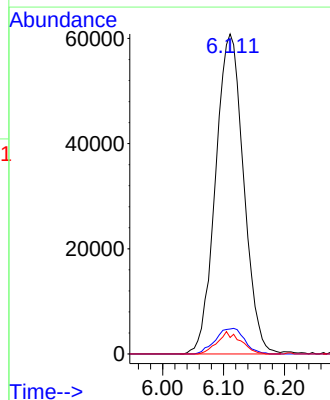
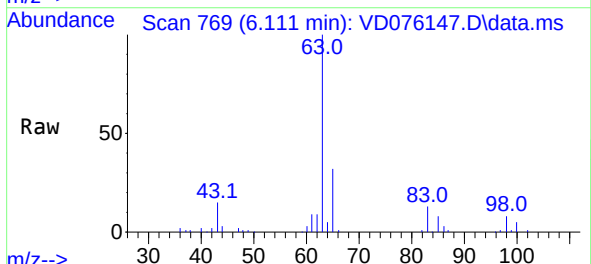
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

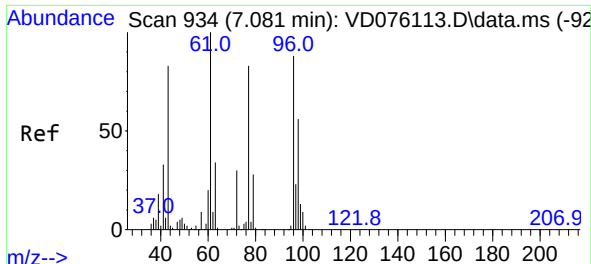
Tgt Ion: 43 Resp: 617342
 Ion Ratio Lower Upper
 43 100
 86 14.7 9.0 13.6#



#24
 1,1-Dichloroethane
 Concen: 50.744 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.001 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

Tgt Ion: 63 Resp: 194792
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.9 11.7
 100 5.1 2.0 6.0

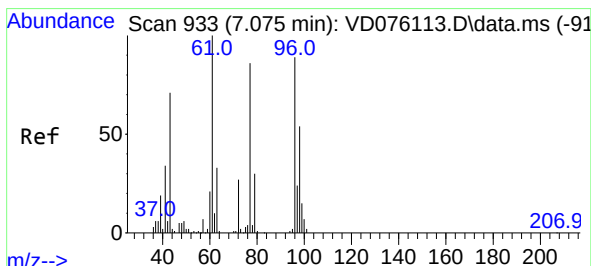
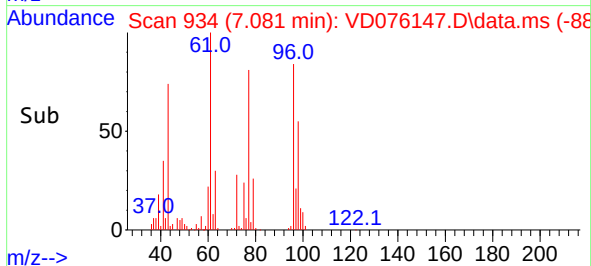
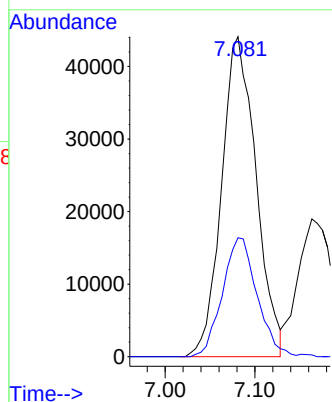
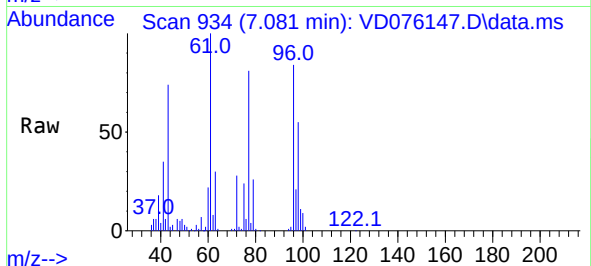




#25
2-Butanone
Concen: 254.671 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

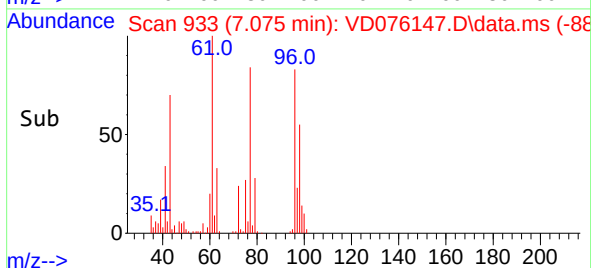
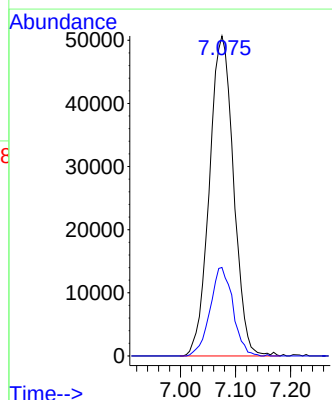
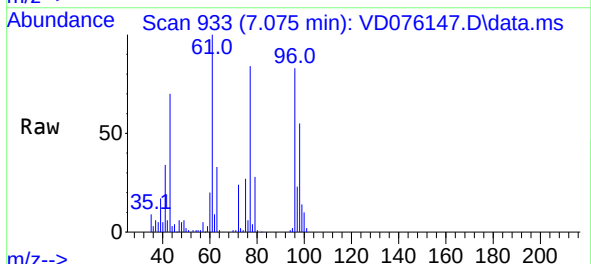
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

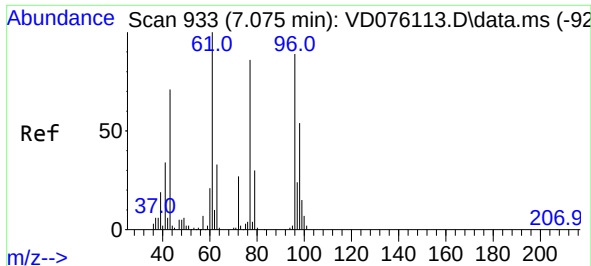
Tgt Ion: 43 Resp: 117717
Ion Ratio Lower Upper
43 100
72 37.1 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 49.486 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 77 Resp: 154894
Ion Ratio Lower Upper
77 100
97 26.1 11.1 33.1



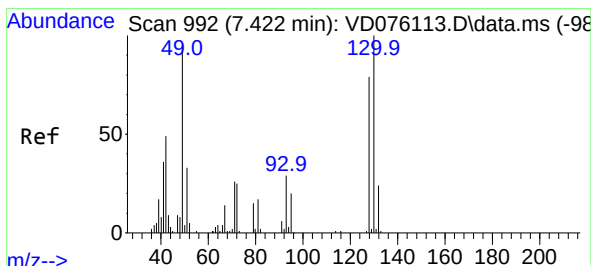
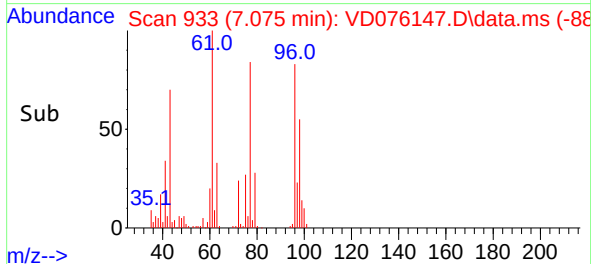
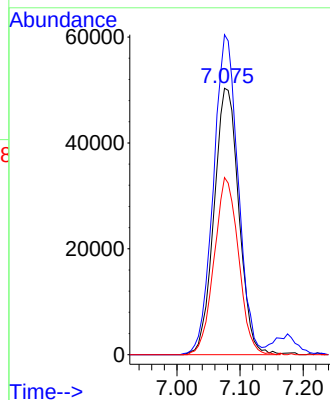
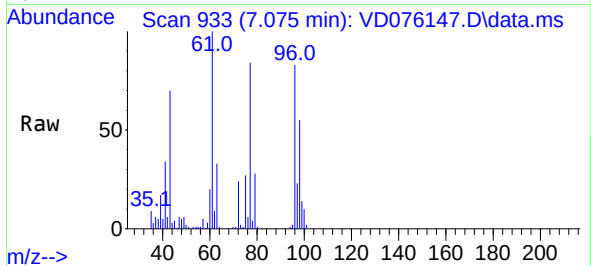


#27
 cis-1,2-Dichloroethene
 Concen: 52.153 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 137820

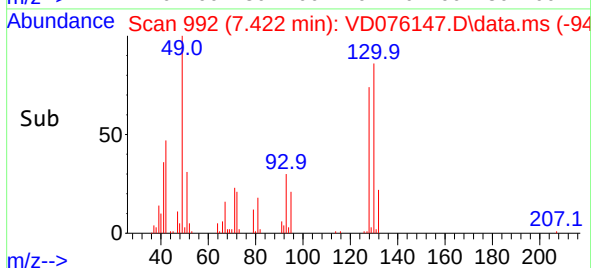
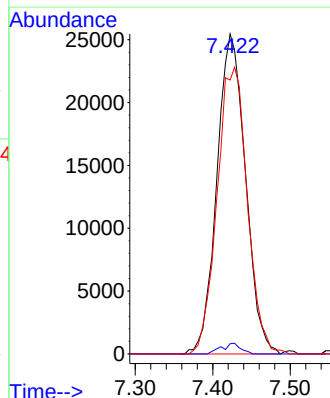
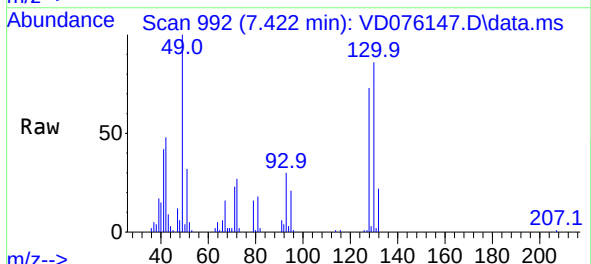
Ion	Ratio	Lower	Upper
96	100		
61	119.1	0.0	295.2
98	65.2	0.0	129.2

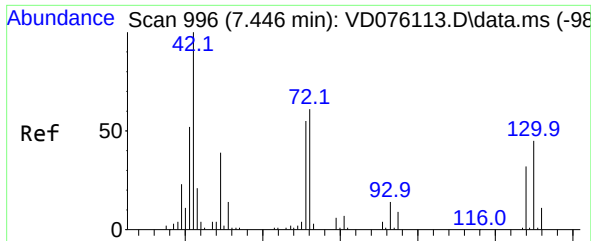


#28
 Bromochloromethane
 Concen: 51.029 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

Tgt Ion: 49 Resp: 65316

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.2#
130	94.5	56.0	84.0#





#29

Tetrahydrofuran

Concen: 269.753 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

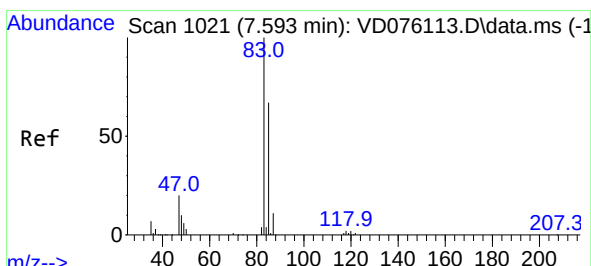
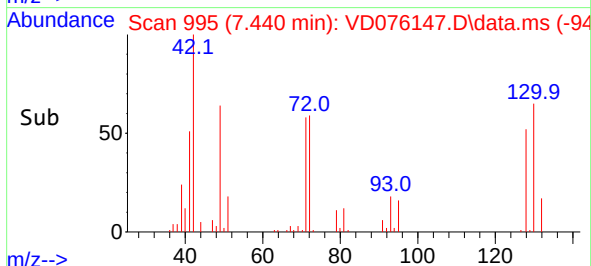
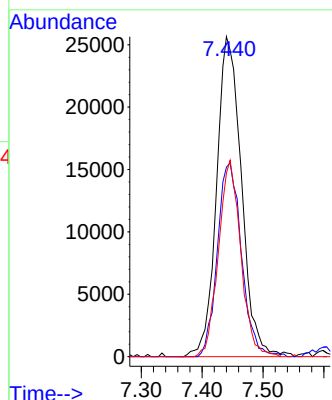
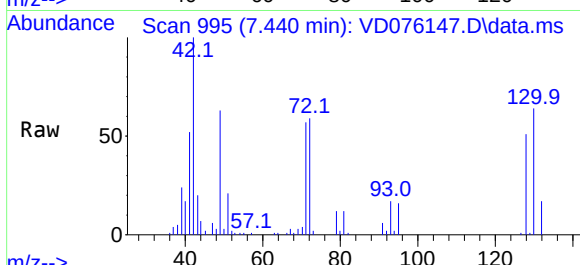
Tgt Ion: 42 Resp: 72676

Ion Ratio Lower Upper

42 100

72 58.9 31.8 47.6#

71 55.1 27.6 41.4#



#30

Chloroform

Concen: 51.786 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD076147.D

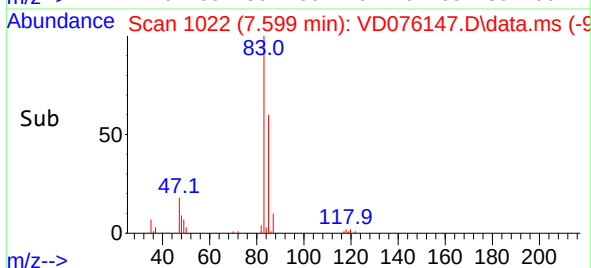
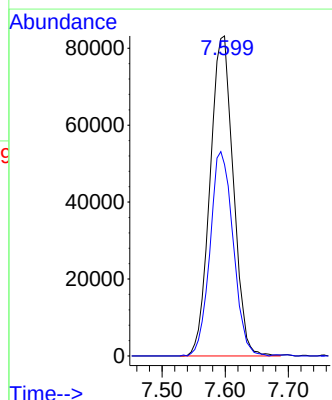
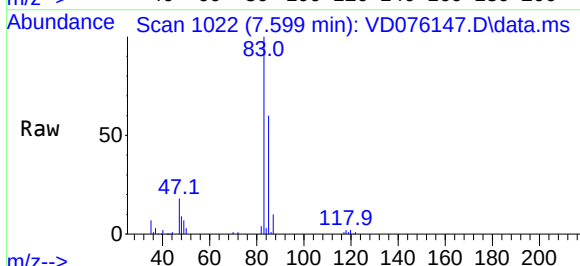
Acq: 18 May 2023 18:29

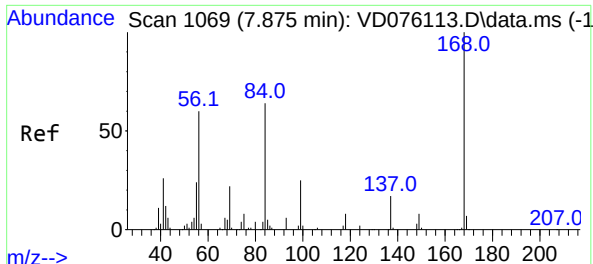
Tgt Ion: 83 Resp: 212587

Ion Ratio Lower Upper

83 100

85 59.8 49.4 74.2





#31

Cyclohexane

Concen: 46.710 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

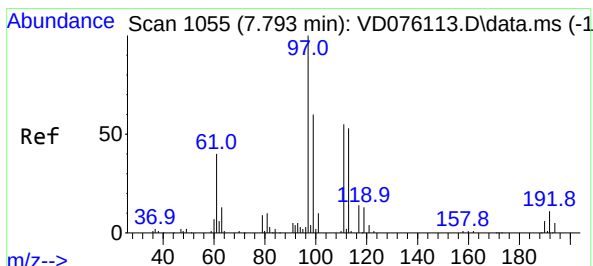
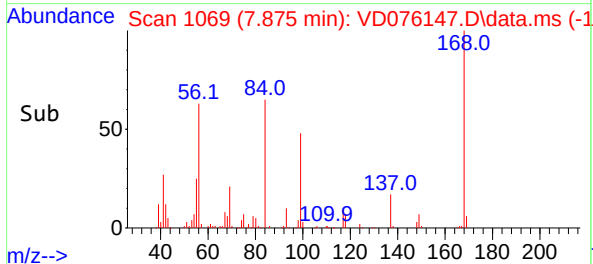
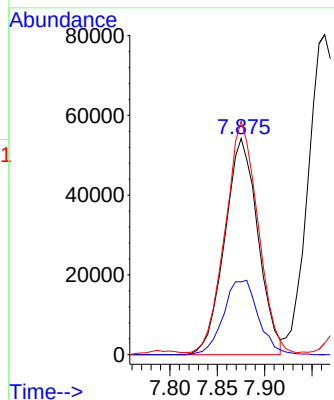
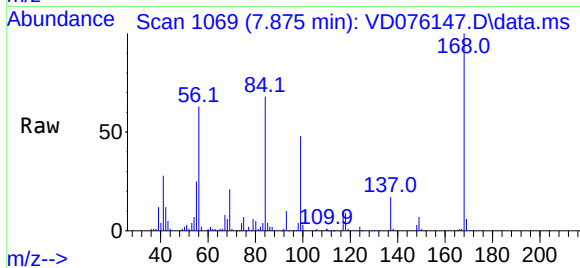
Tgt Ion: 56 Resp: 132178

Ion Ratio Lower Upper

56 100

69 33.7 25.5 38.3

84 107.0 69.6 104.4#



#32

1,1,1-Trichloroethane

Concen: 48.612 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

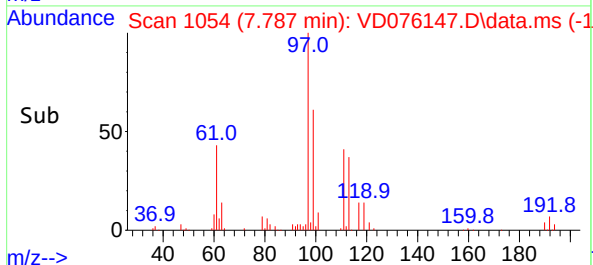
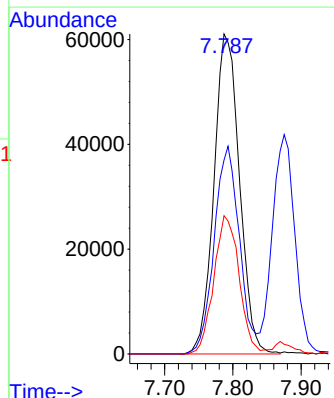
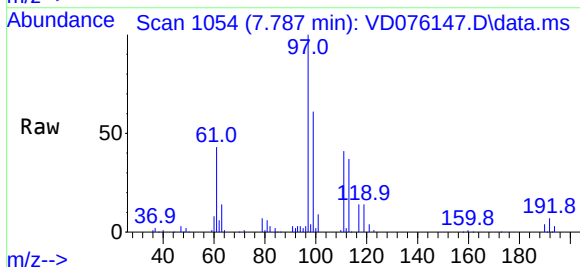
Tgt Ion: 97 Resp: 159032

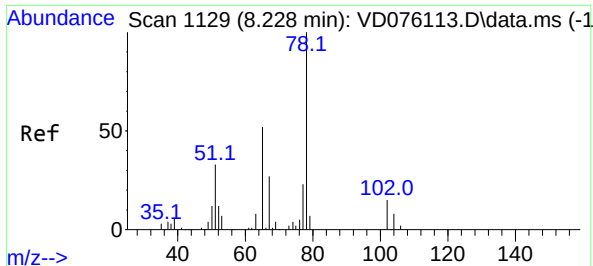
Ion Ratio Lower Upper

97 100

99 63.9 50.5 75.7

61 42.9 36.6 55.0

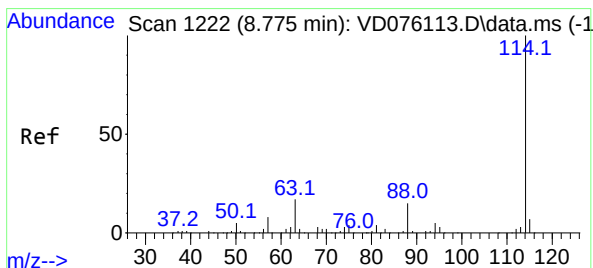
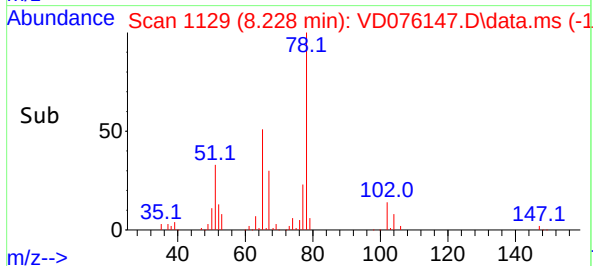
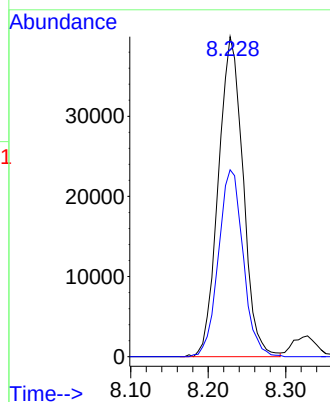
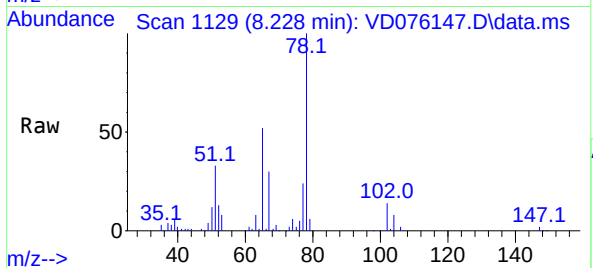




#33
1,2-Dichloroethane-d4
Concen: 47.985 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

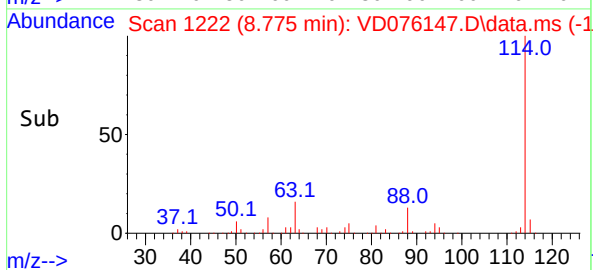
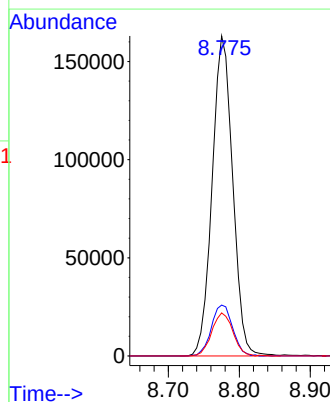
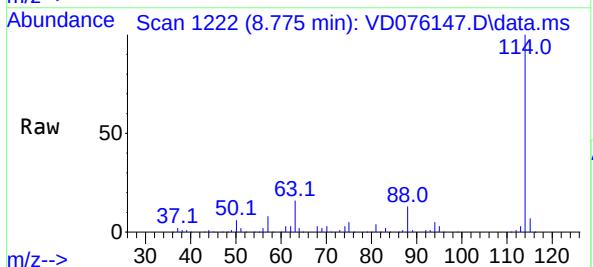
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

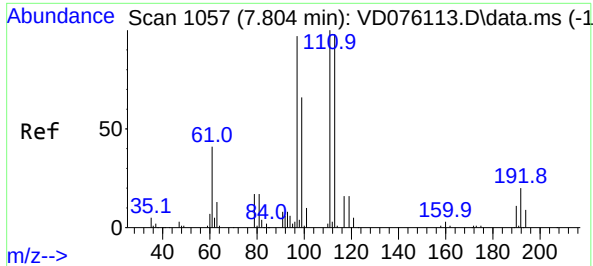
Tgt Ion: 65 Resp: 88661
Ion Ratio Lower Upper
65 100
67 58.3 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 114 Resp: 326909
Ion Ratio Lower Upper
114 100
63 15.9 0.0 41.6
88 13.5 0.0 30.6

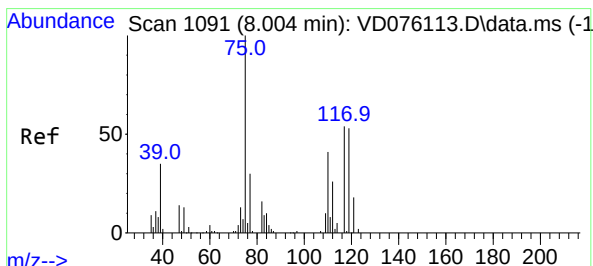
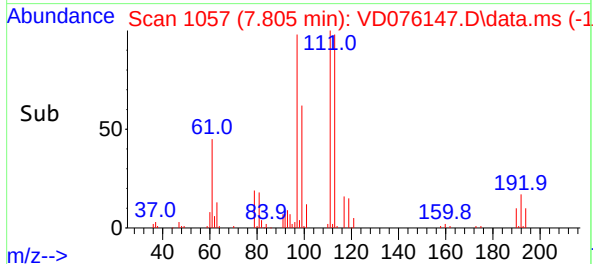
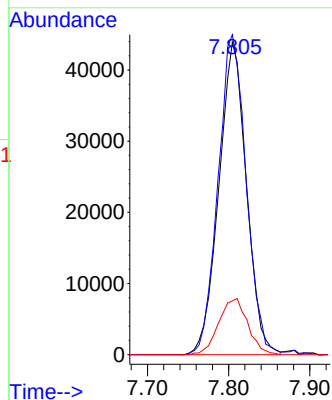
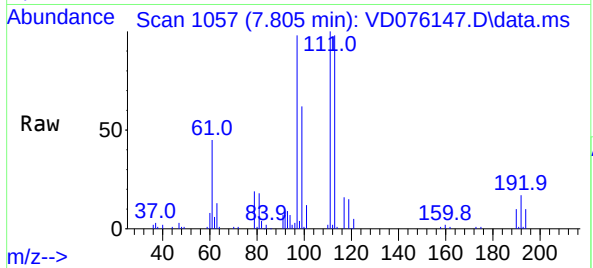




#35
Dibromofluoromethane
Concen: 45.898 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

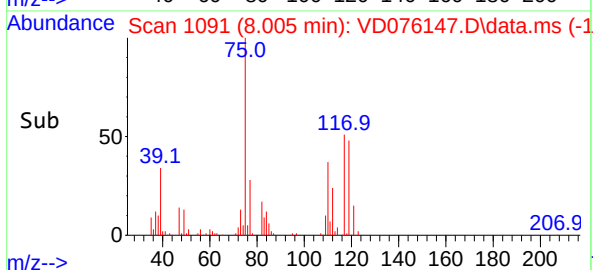
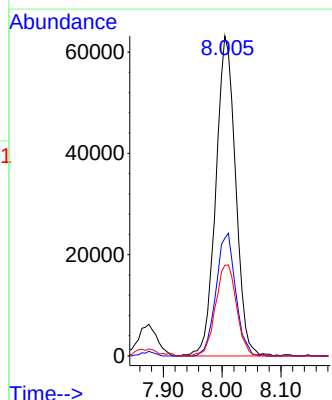
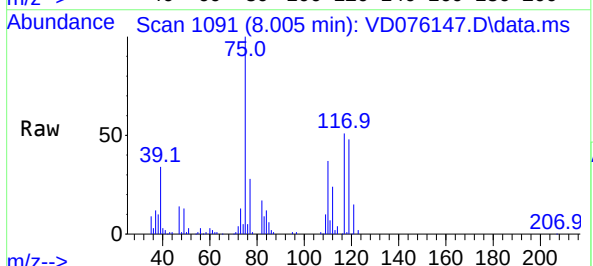
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

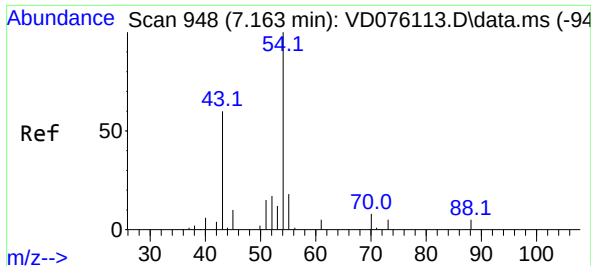
Tgt Ion:113 Resp: 103714
Ion Ratio Lower Upper
113 100
111 104.1 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 48.367 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 75 Resp: 147607
Ion Ratio Lower Upper
75 100
110 38.1 17.1 51.2
77 30.2 24.6 36.8





#37

Ethyl Acetate

Concen: 50.729 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

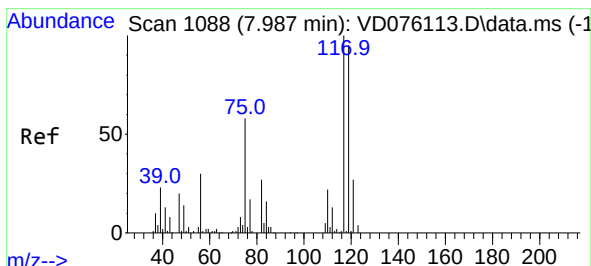
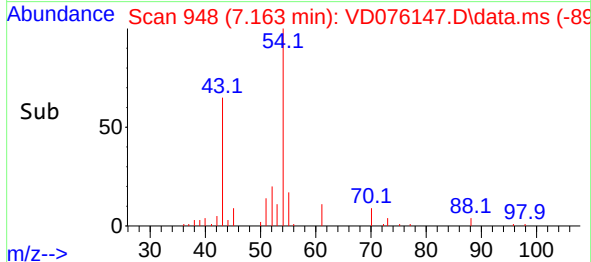
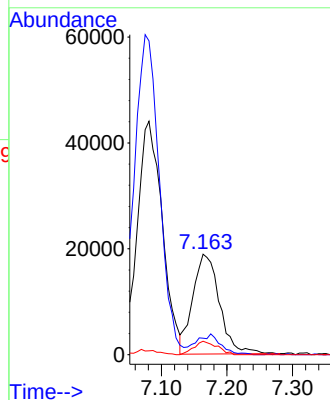
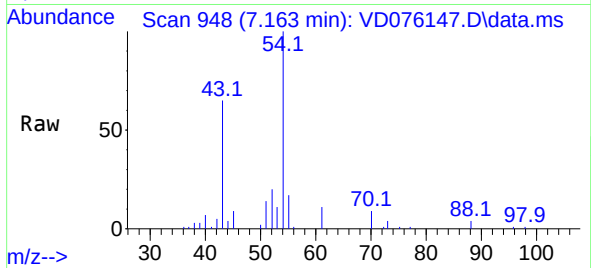
Tgt Ion: 43 Resp: 53609

Ion Ratio Lower Upper

43 100

61 19.3 0.0 0.0#

70 11.7 5.6 8.4#



#38

Carbon Tetrachloride

Concen: 45.089 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

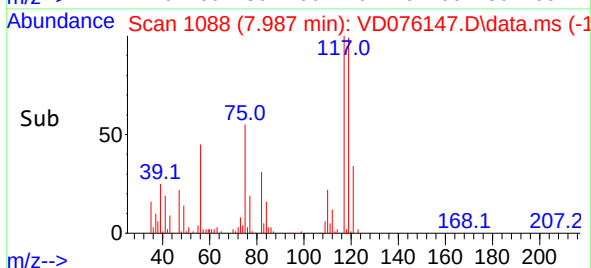
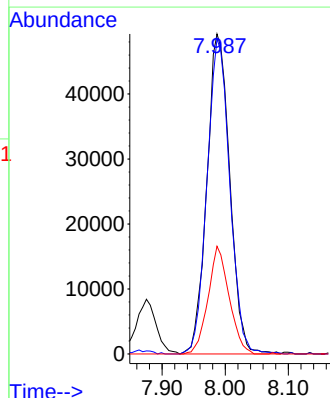
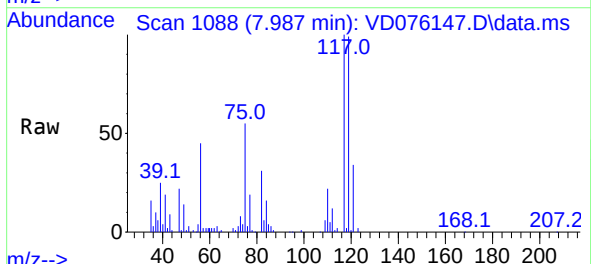
Tgt Ion: 117 Resp: 124292

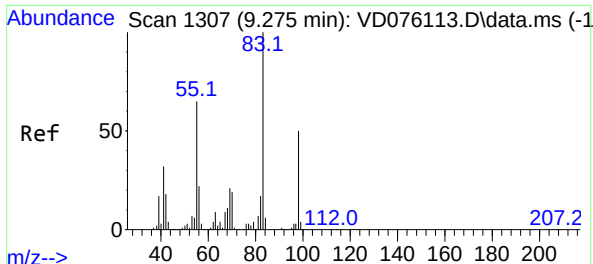
Ion Ratio Lower Upper

117 100

119 98.6 74.7 112.1

121 33.6 25.9 38.9

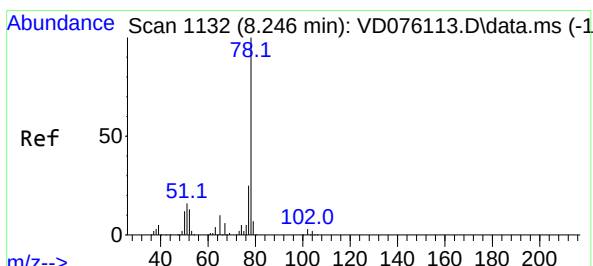
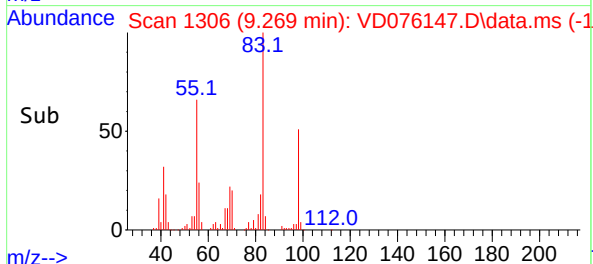
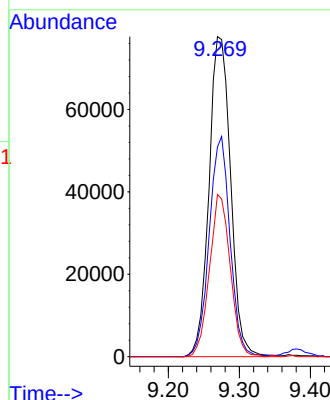
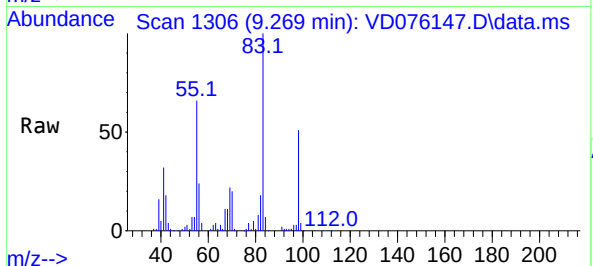




#39
Methylcyclohexane
Concen: 46.755 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

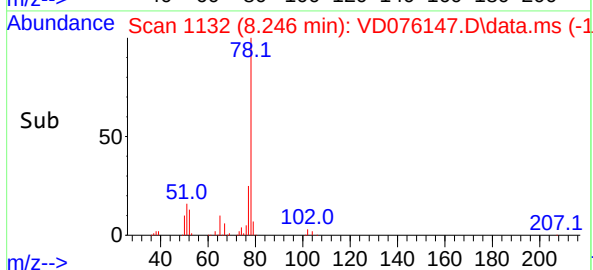
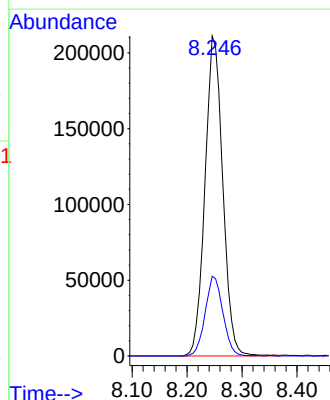
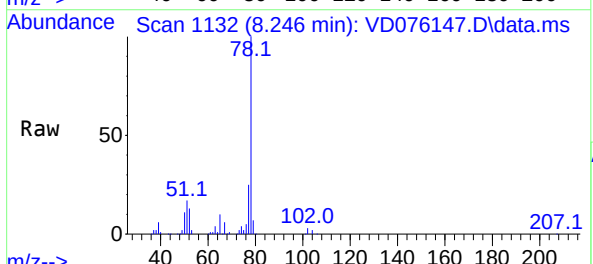
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

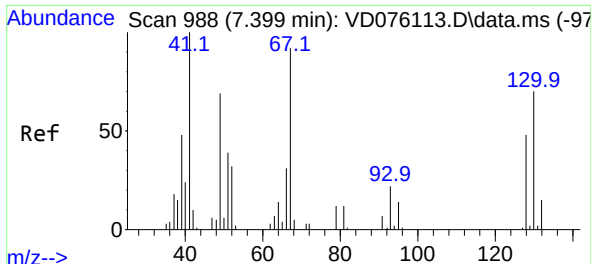
Tgt Ion: 83 Resp: 164275
Ion Ratio Lower Upper
83 100
55 65.5 56.8 85.2
98 50.7 38.9 58.3



#40
Benzene
Concen: 48.318 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 78 Resp: 474076
Ion Ratio Lower Upper
78 100
77 24.9 19.1 28.7

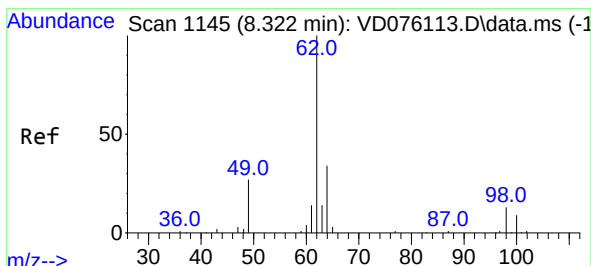
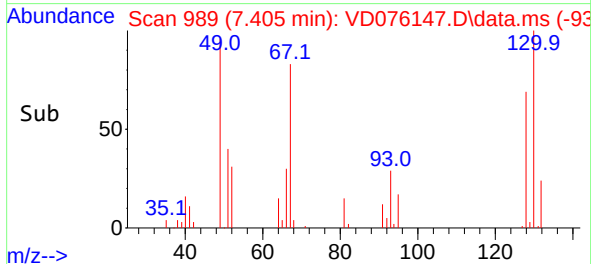
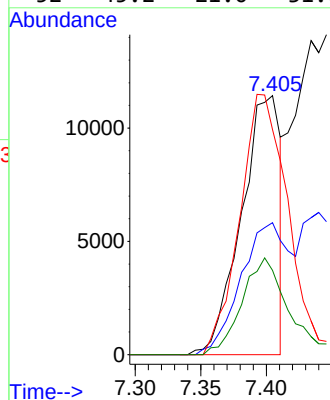
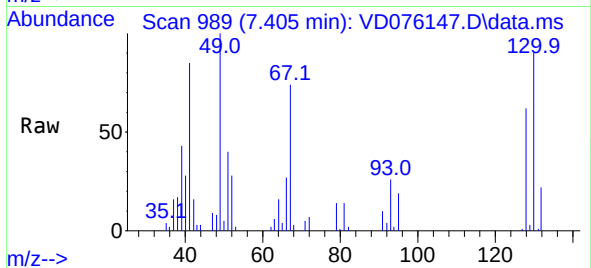




#41
Methacrylonitrile
Concen: 40.873 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

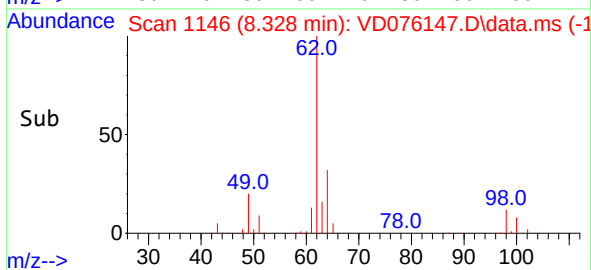
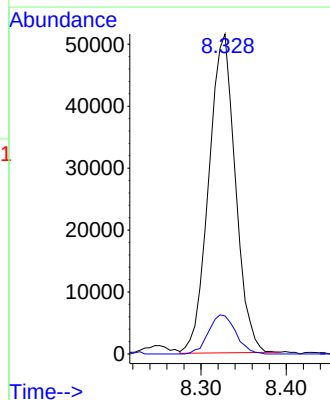
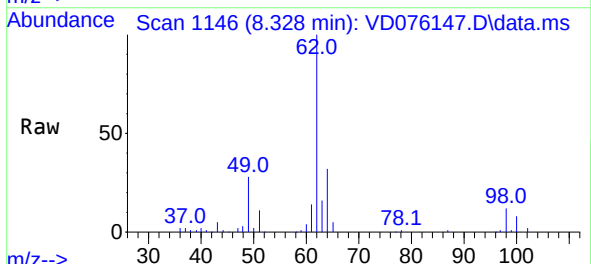
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

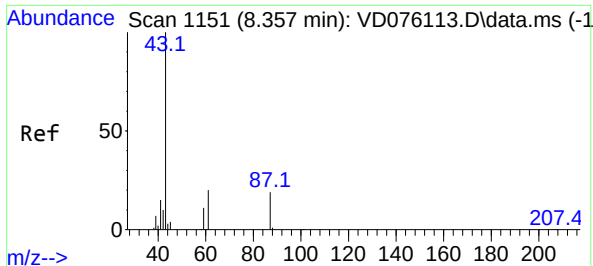
Tgt Ion: 41 Resp: 23684
Ion Ratio Lower Upper
41 100
39 65.4 45.3 67.9
67 124.1 50.5 75.7#
52 45.2 21.0 31.6#



#42
1,2-Dichloroethane
Concen: 48.074 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 62 Resp: 111566
Ion Ratio Lower Upper
62 100
98 12.5 0.0 18.8

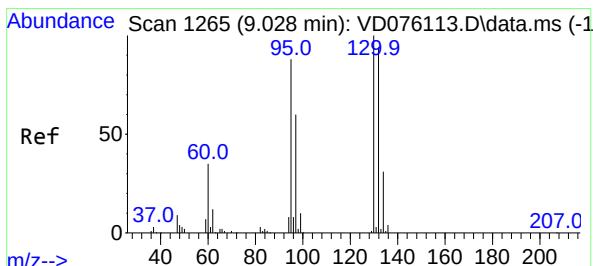
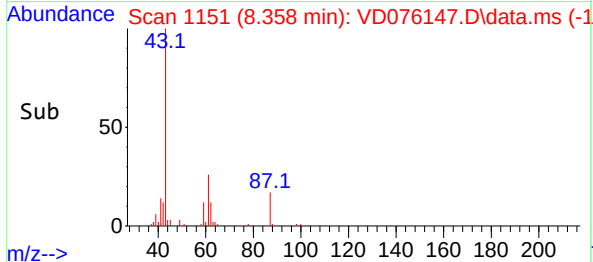
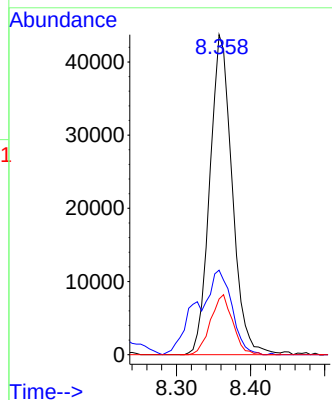
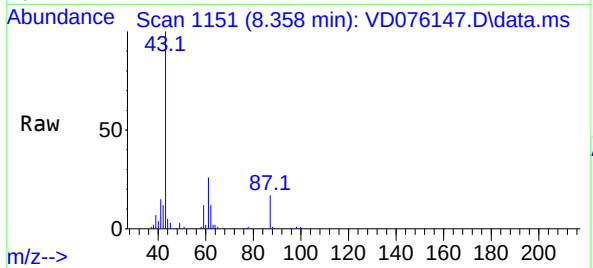




#43
Isopropyl Acetate
Concen: 46.453 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

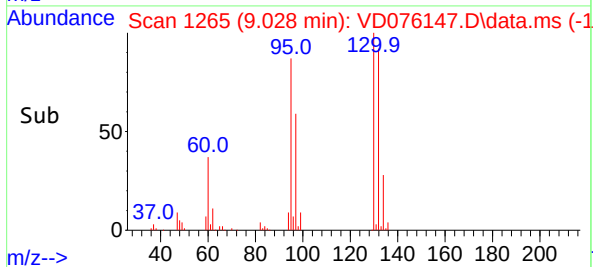
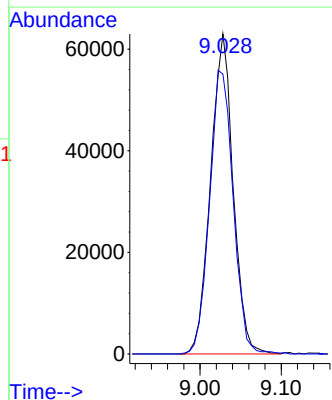
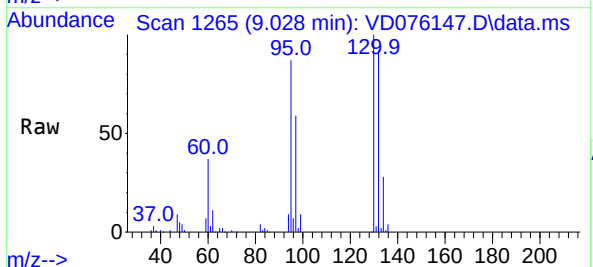
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

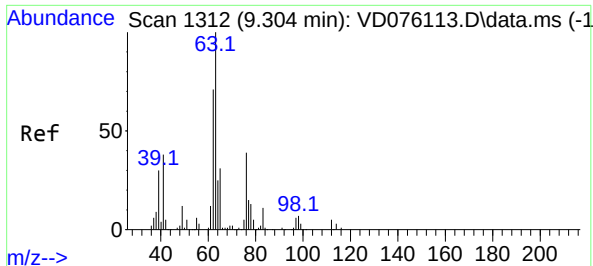
Tgt Ion: 43 Resp: 91702
Ion Ratio Lower Upper
43 100
61 27.8 23.4 35.0
87 18.5 9.5 14.3#



#44
Trichloroethene
Concen: 44.030 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:130 Resp: 121749
Ion Ratio Lower Upper
130 100
95 87.5 0.0 197.6

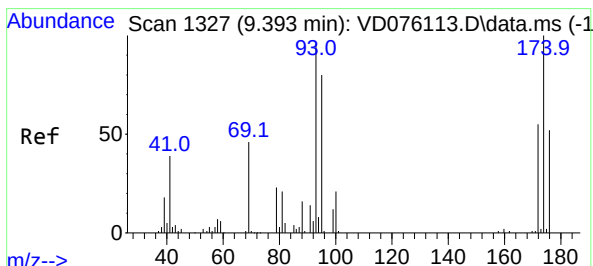
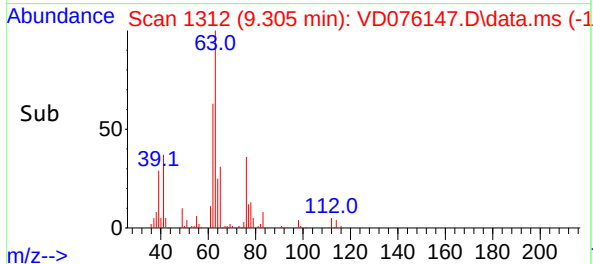
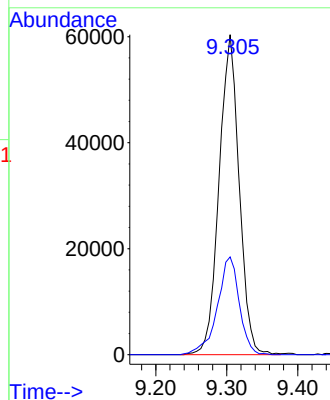
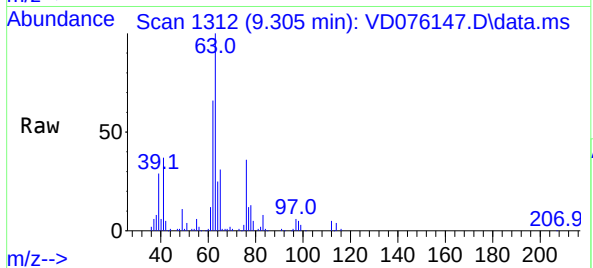




#45
1,2-Dichloropropane
Concen: 48.837 ug/l
RT: 9.305 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

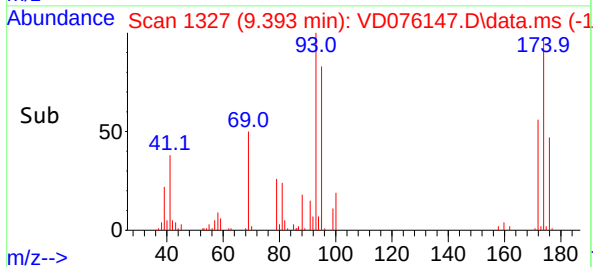
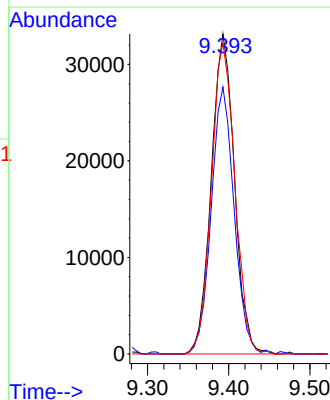
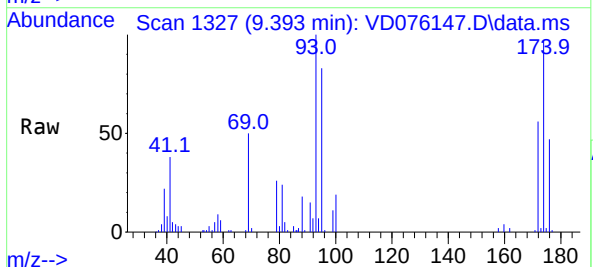
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

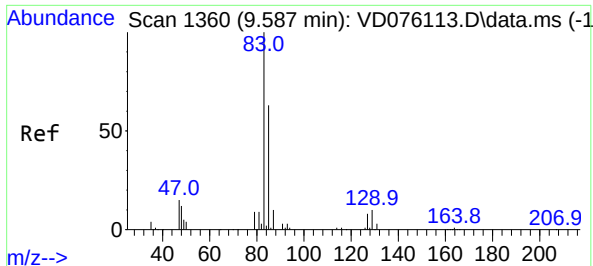
Tgt Ion: 63 Resp: 118191
Ion Ratio Lower Upper
63 100
65 30.5 23.0 34.4



#46
Dibromomethane
Concen: 48.450 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 93 Resp: 65725
Ion Ratio Lower Upper
93 100
95 82.8 64.5 96.7
174 98.3 76.2 114.4

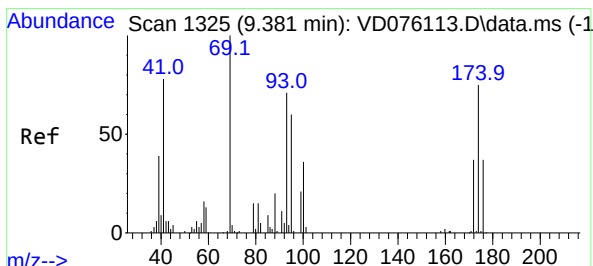
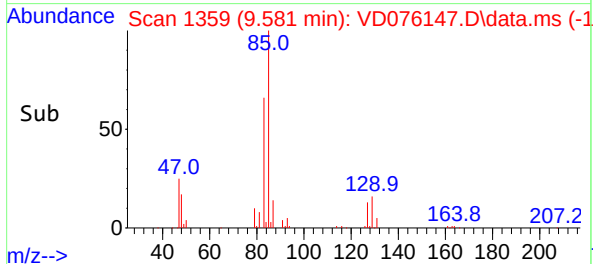
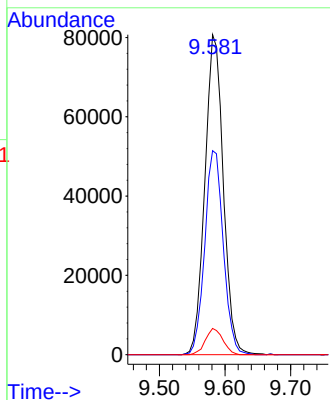
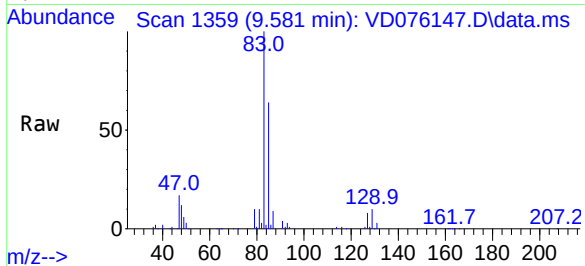




#47
Bromodichloromethane
Concen: 48.410 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

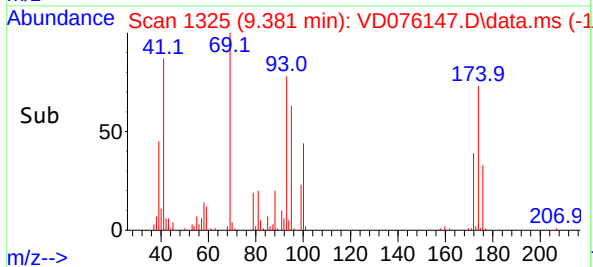
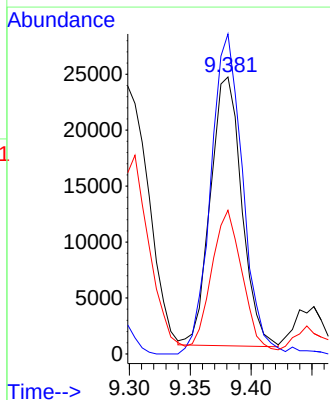
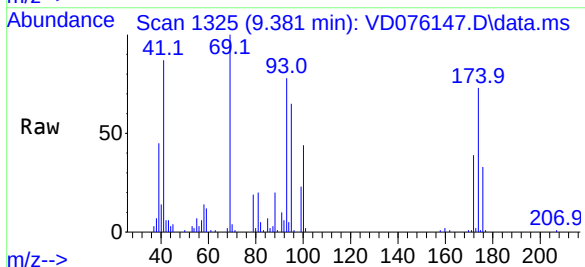
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

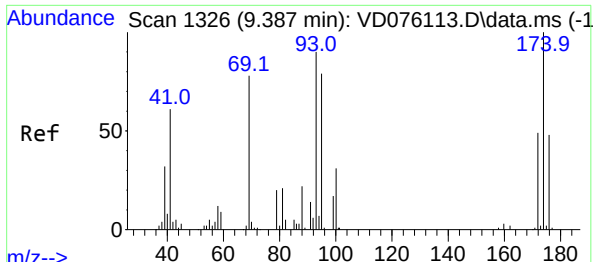
Tgt Ion: 83 Resp: 157827
Ion Ratio Lower Upper
83 100
85 63.8 53.7 80.5
127 8.2 7.0 10.6



#48
Methyl methacrylate
Concen: 49.265 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 41 Resp: 43043
Ion Ratio Lower Upper
41 100
69 120.7 58.6 88.0#
39 54.0 53.4 80.0

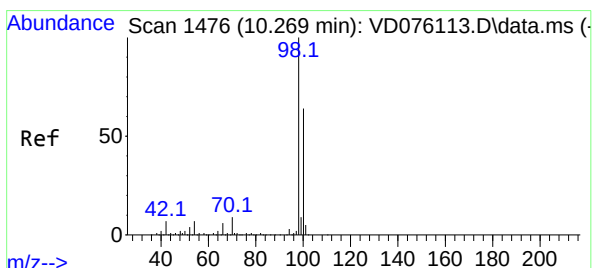
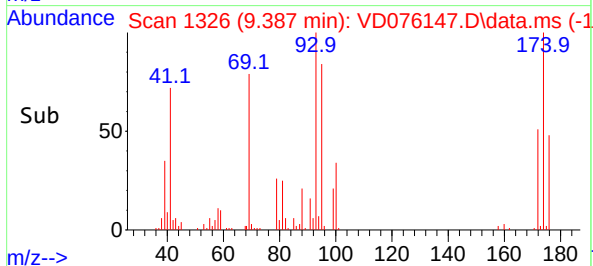
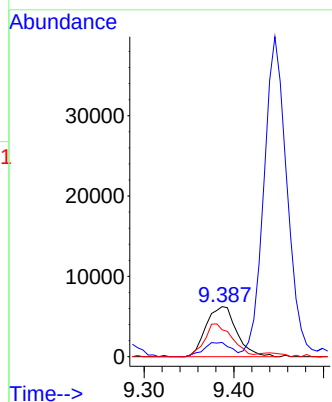
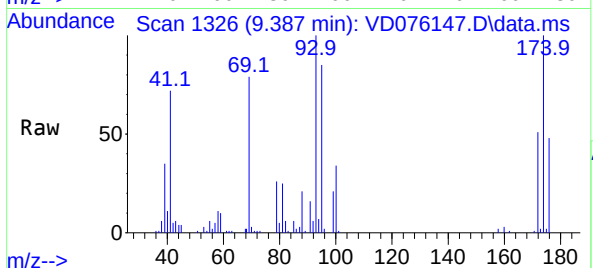




#49
1,4-Dioxane
Concen: 1014.114 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

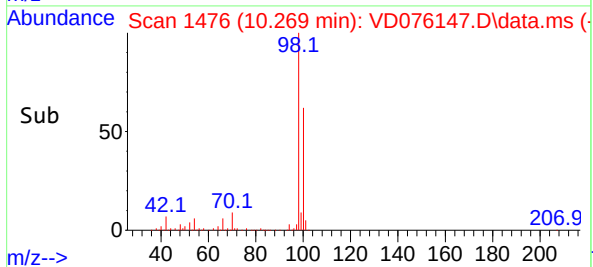
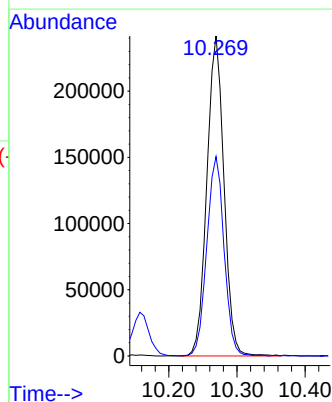
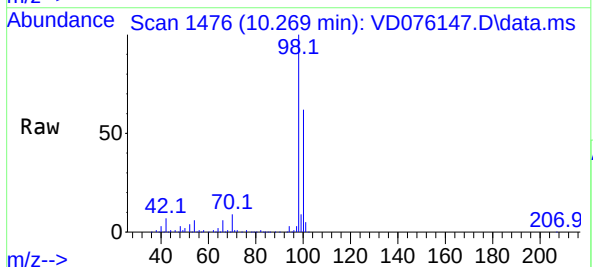
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

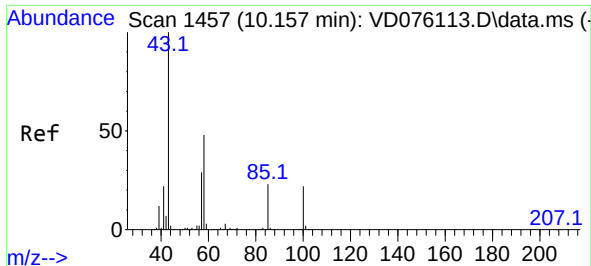
Tgt Ion: 88 Resp: 14711
Ion Ratio Lower Upper
88 100
43 25.2 34.6 51.8#
58 59.3 58.0 87.0



#50
Toluene-d8
Concen: 47.904 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 98 Resp: 421974
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

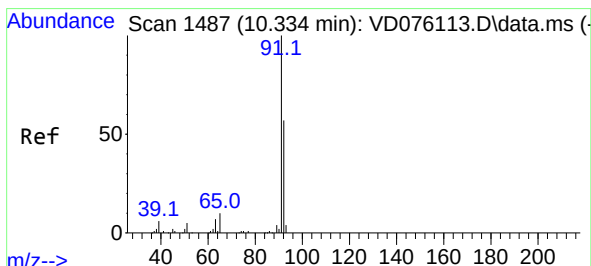
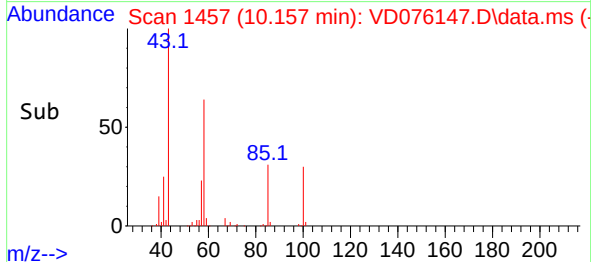
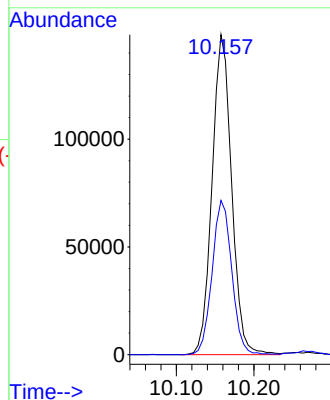
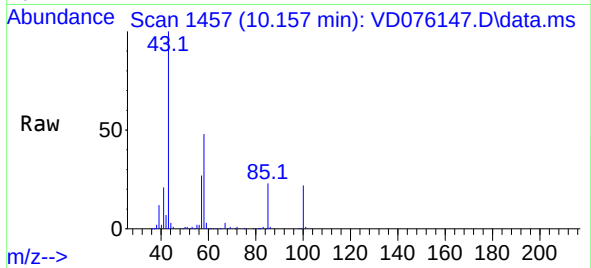




#51
4-Methyl-2-Pentanone
Concen: 247.695 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

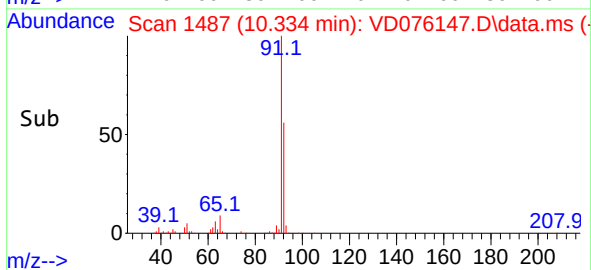
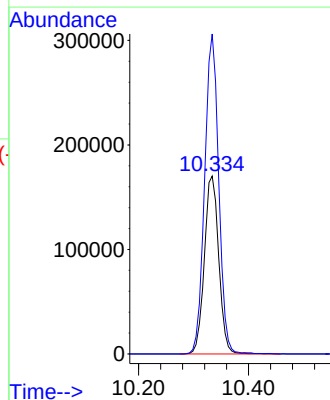
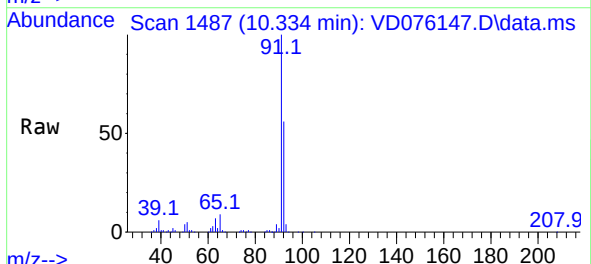
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

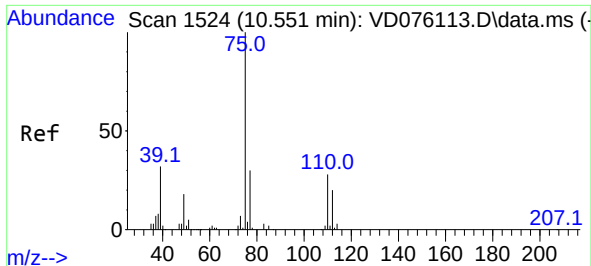
Tgt Ion: 43 Resp: 260058
Ion Ratio Lower Upper
43 100
58 48.5 29.5 44.3#



#52
Toluene
Concen: 50.329 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 92 Resp: 308414
Ion Ratio Lower Upper
92 100
91 176.3 136.5 204.7

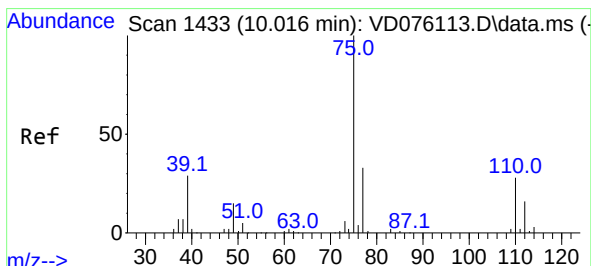
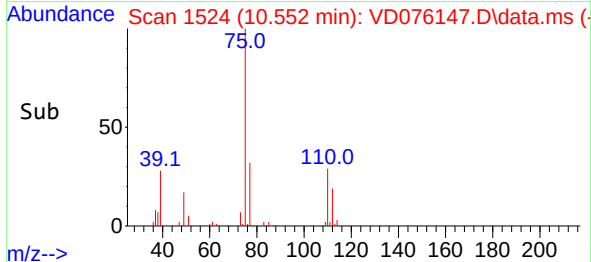
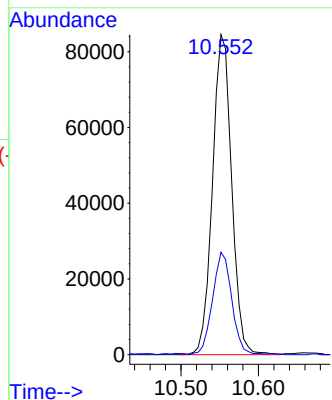
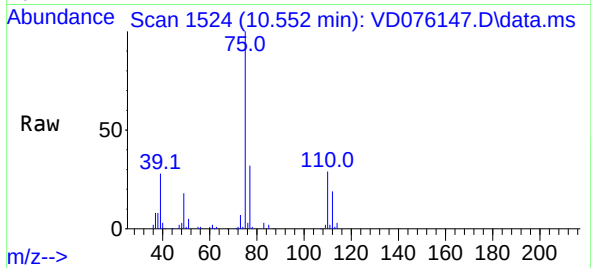




#53
t-1,3-Dichloropropene
Concen: 49.444 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

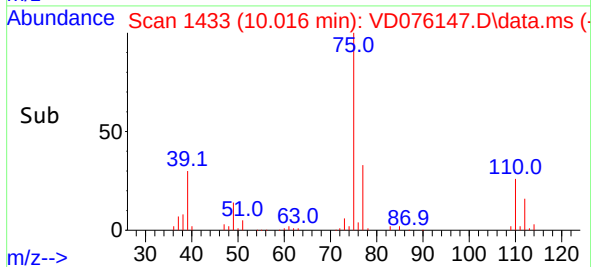
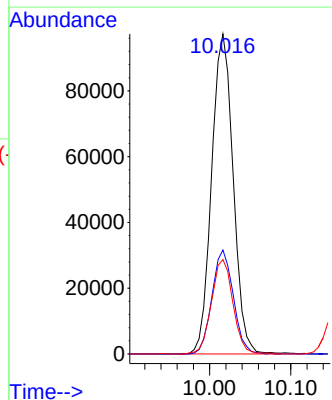
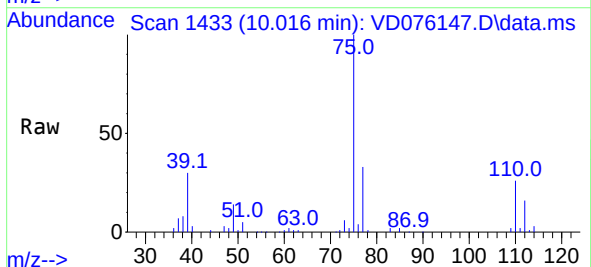
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

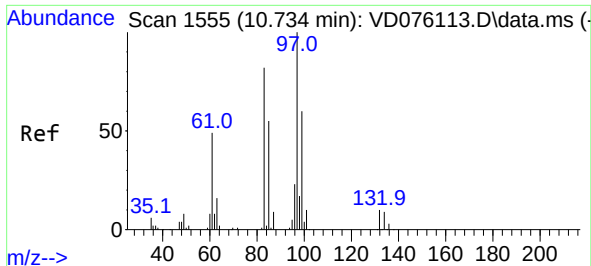
Tgt Ion: 75 Resp: 145287
Ion Ratio Lower Upper
75 100
77 31.8 26.3 39.5



#54
cis-1,3-Dichloropropene
Concen: 50.016 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 75 Resp: 179356
Ion Ratio Lower Upper
75 100
77 32.5 25.6 38.4
39 29.5 44.8 67.2#

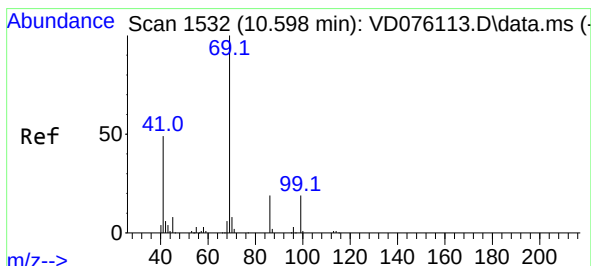
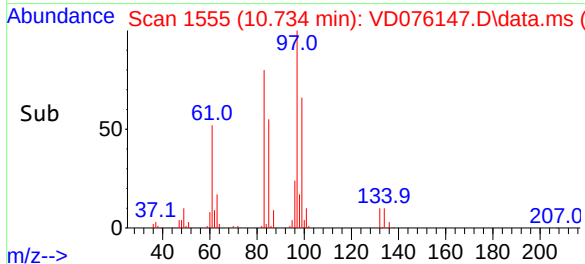
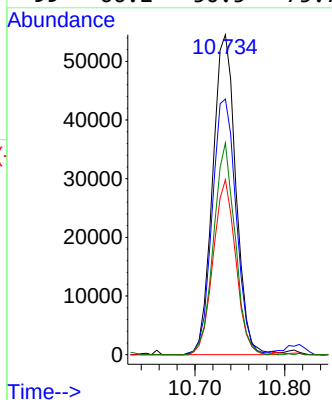
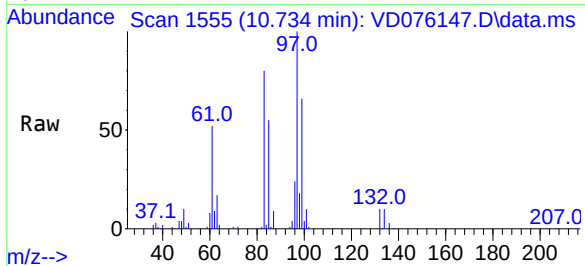




#55
1,1,2-Trichloroethane
Concen: 50.284 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

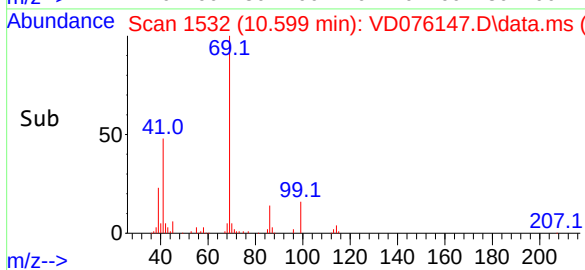
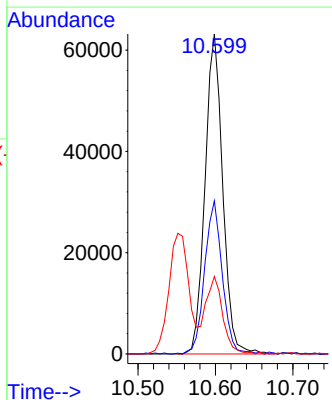
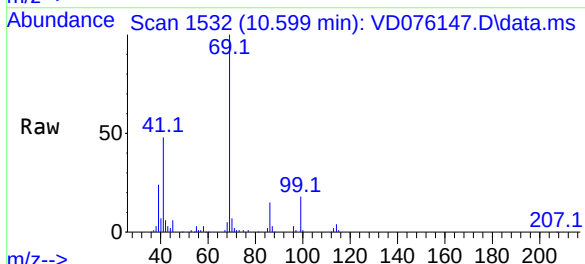
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

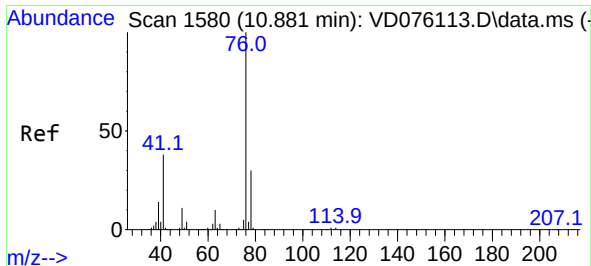
Tgt Ion:	97	Resp:	97819
Ion	Ratio	Lower	Upper
97	100		
83	79.9	74.2	111.4
85	54.7	45.4	68.0
99	66.2	50.5	75.7



#56
Ethyl methacrylate
Concen: 51.205 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:	69	Resp:	100122
Ion	Ratio	Lower	Upper
69	100		
41	47.9	59.3	88.9#
39	24.3	36.0	54.0#





#57

1,3-Dichloropropane

Concen: 50.182 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

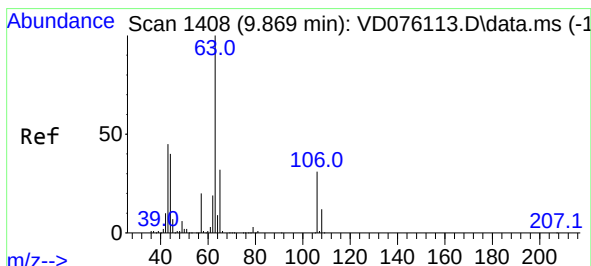
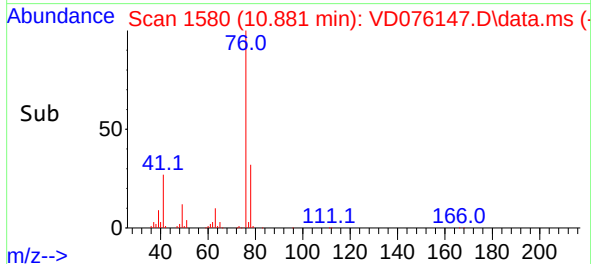
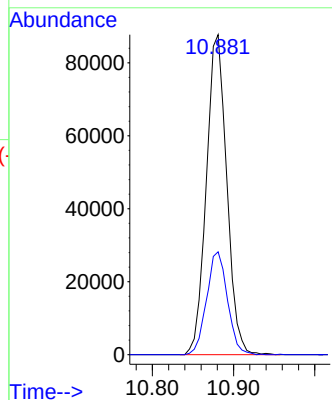
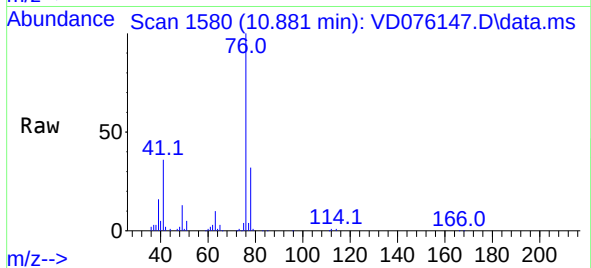
VSTDCCC050EC

Tgt Ion: 76 Resp: 153153

Ion Ratio Lower Upper

76 100

78 32.8 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 250.682 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076147.D

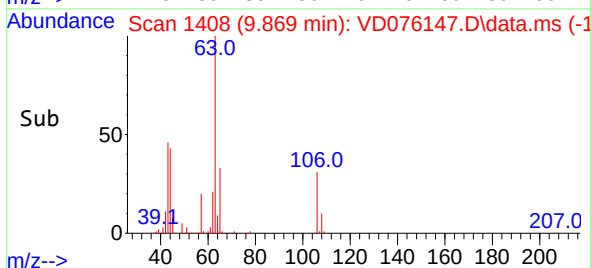
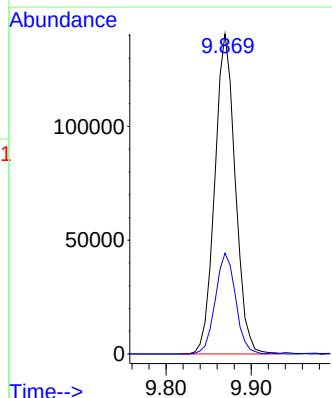
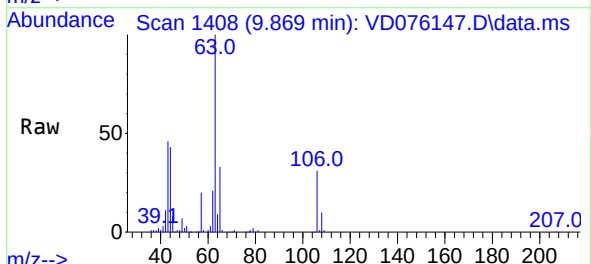
Acq: 18 May 2023 18:29

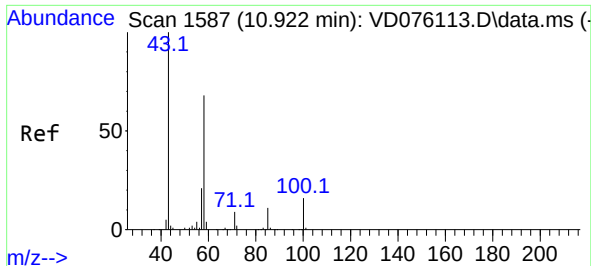
Tgt Ion: 63 Resp: 235182

Ion Ratio Lower Upper

63 100

106 31.1 21.4 32.2

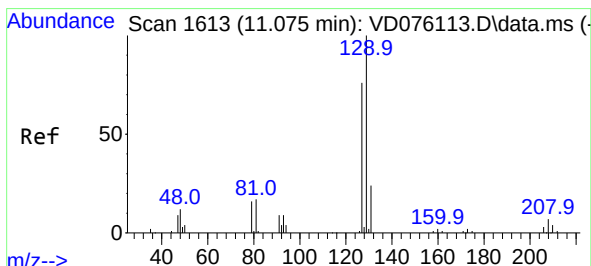
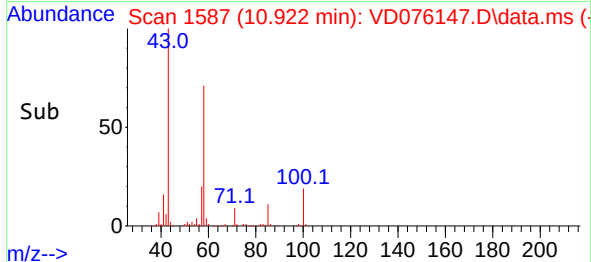
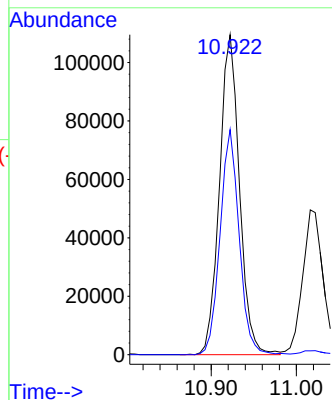
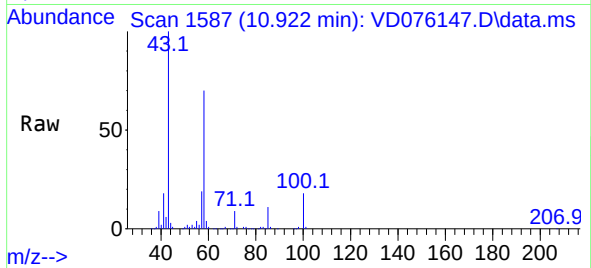




#59
2-Hexanone
Concen: 241.043 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

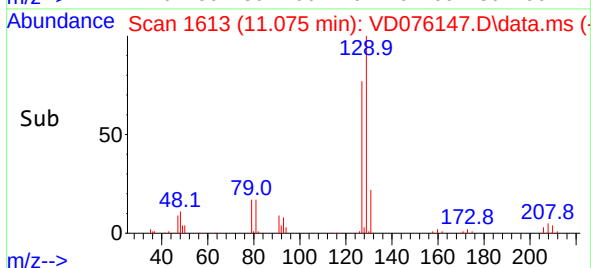
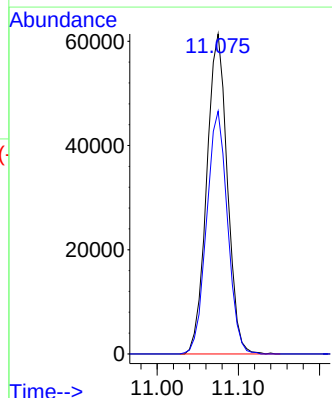
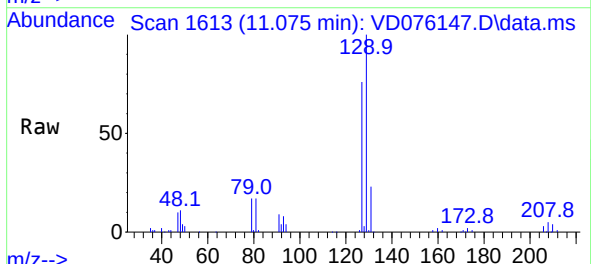
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

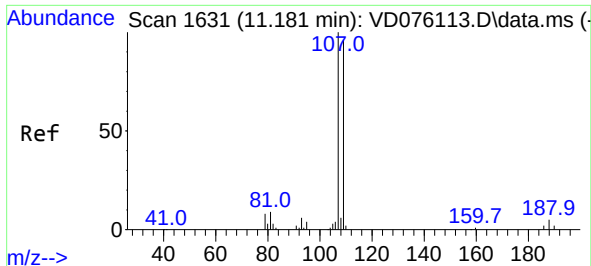
Tgt Ion: 43 Resp: 178474
Ion Ratio Lower Upper
43 100
58 67.2 25.3 75.8



#60
Dibromochloromethane
Concen: 49.537 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:129 Resp: 108354
Ion Ratio Lower Upper
129 100
127 76.9 38.1 114.5

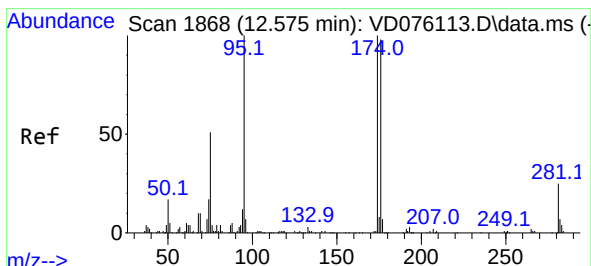
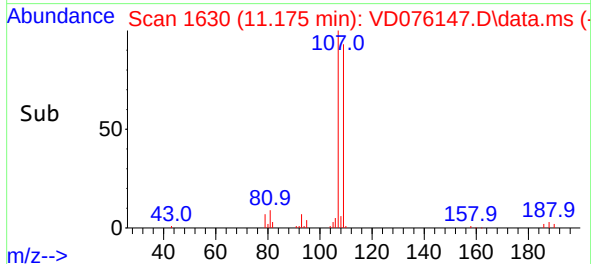
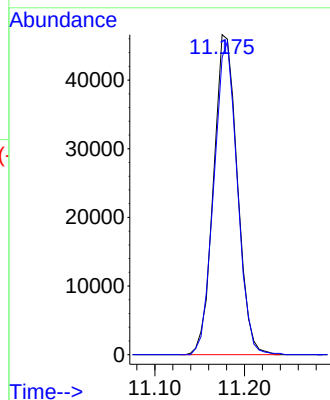
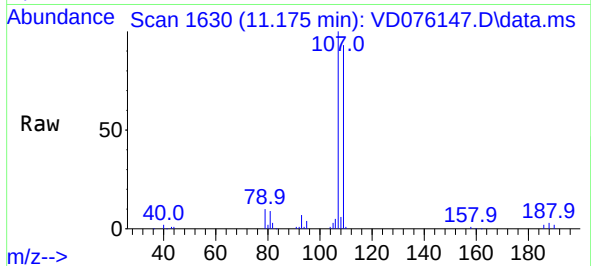




#61
1,2-Dibromoethane
Concen: 49.522 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

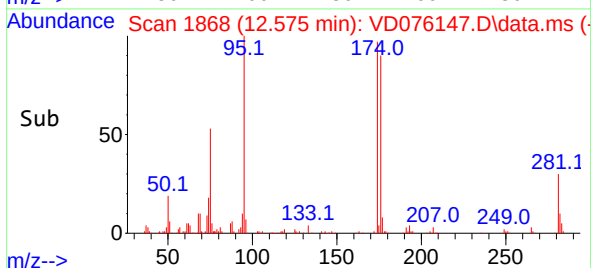
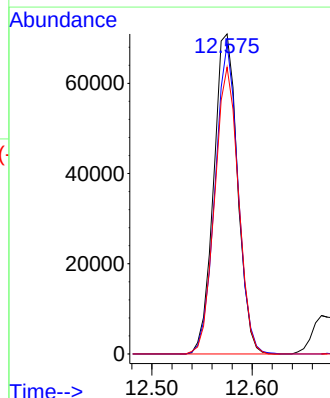
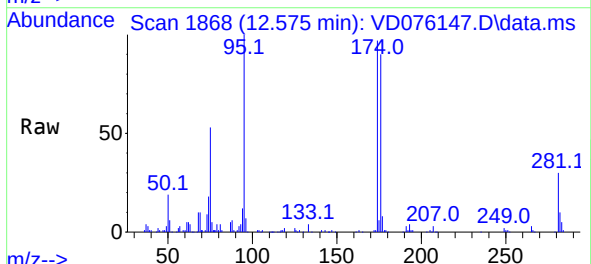
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

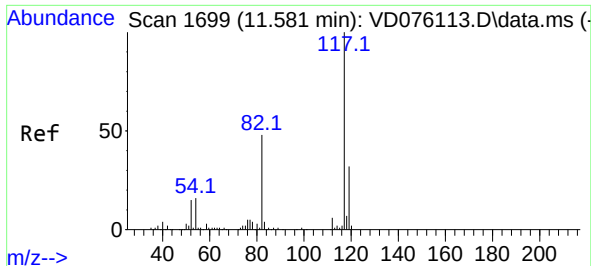
Tgt Ion:107 Resp: 85696
Ion Ratio Lower Upper
107 100
109 96.2 73.6 110.4



#62
4-Bromofluorobenzene
Concen: 47.819 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 95 Resp: 117009
Ion Ratio Lower Upper
95 100
174 93.0 0.0 164.0
176 89.0 0.0 156.8



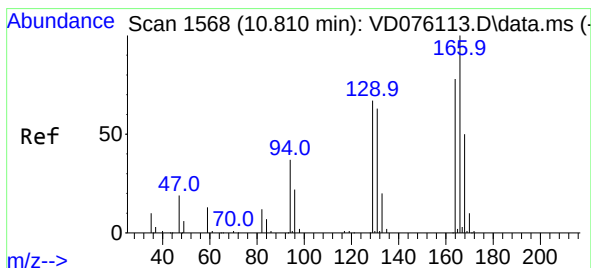
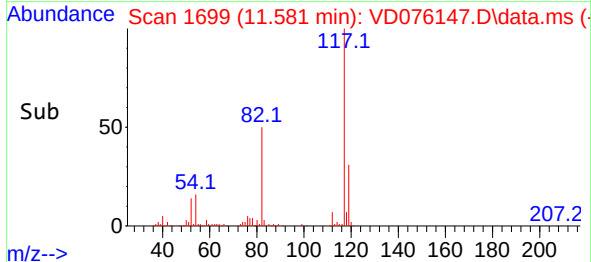
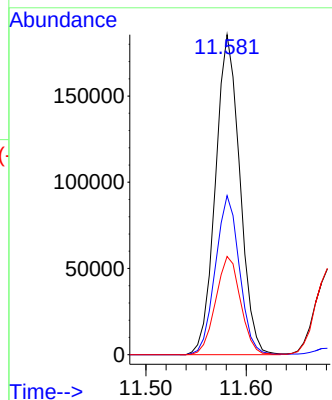
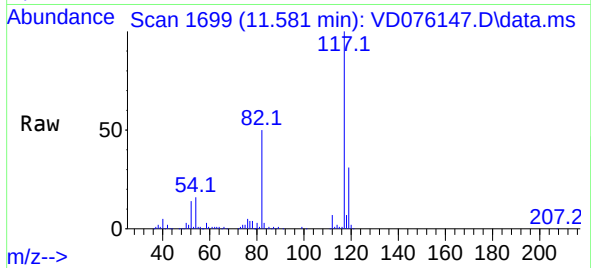


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:117 Resp: 312928

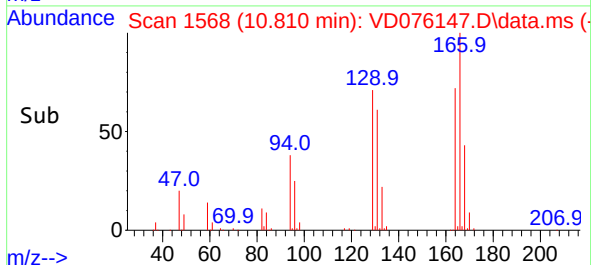
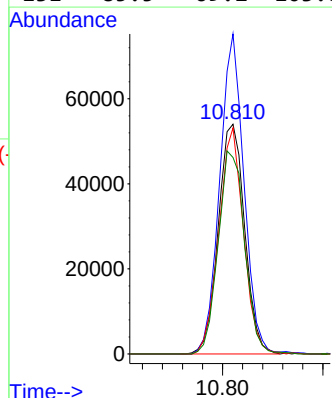
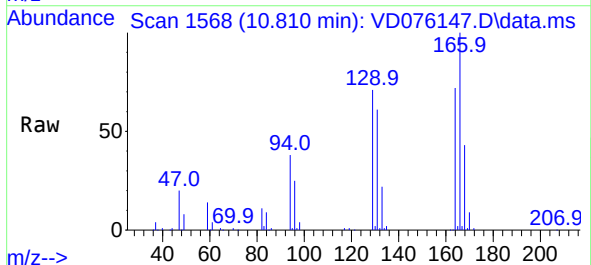
Ion	Ratio	Lower	Upper
117	100		
82	49.7	44.0	66.0
119	30.7	25.1	37.7

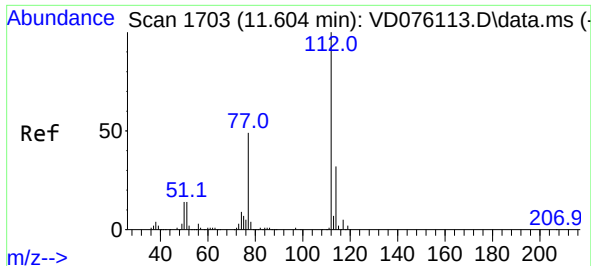


#64
Tetrachloroethene
Concen: 40.979 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:164 Resp: 98610

Ion	Ratio	Lower	Upper
164	100		
166	139.2	94.9	142.3
129	98.4	73.0	109.6
131	85.5	69.2	103.8

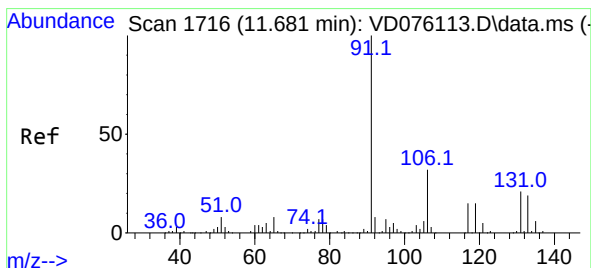
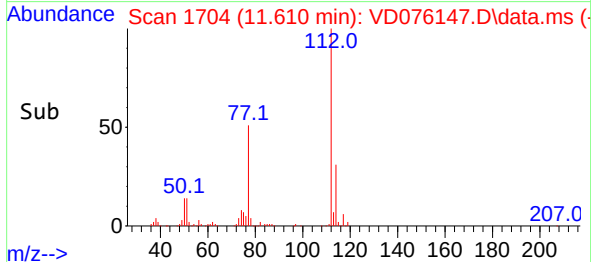
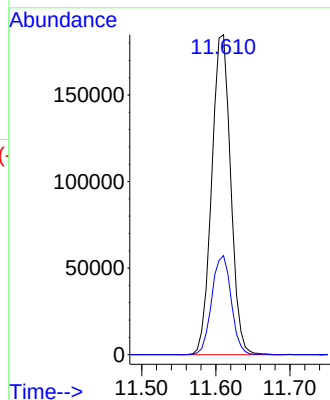
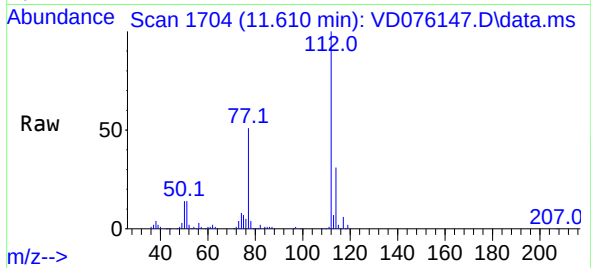




#65
Chlorobenzene
Concen: 46.087 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

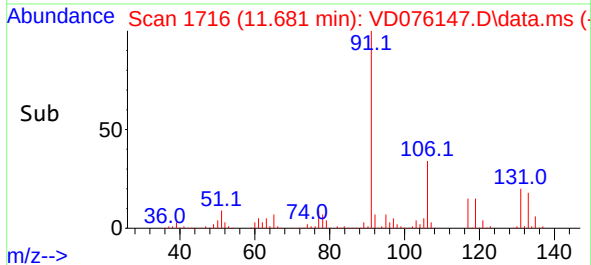
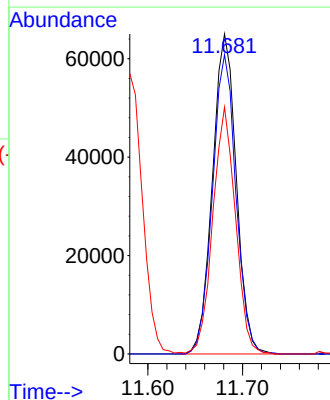
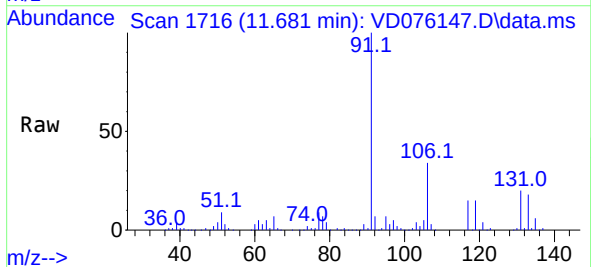
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

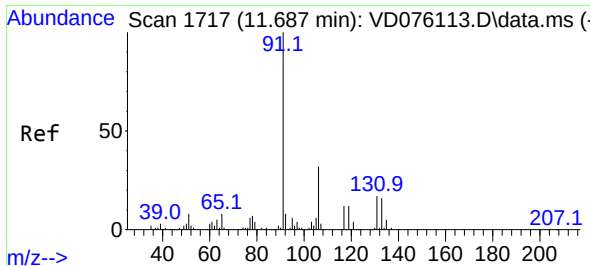
Tgt Ion:112 Resp: 328326
Ion Ratio Lower Upper
112 100
114 30.9 25.8 38.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.310 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:131 Resp: 113536
Ion Ratio Lower Upper
131 100
133 92.6 46.7 140.0
119 73.5 31.9 95.9

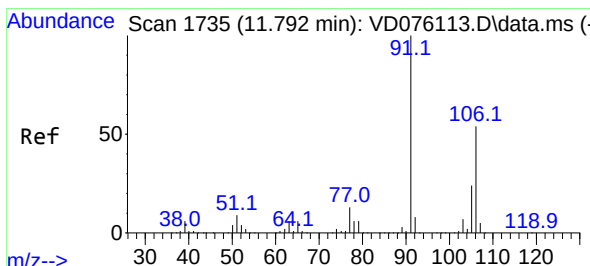
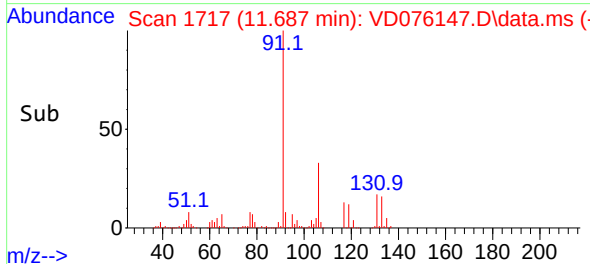
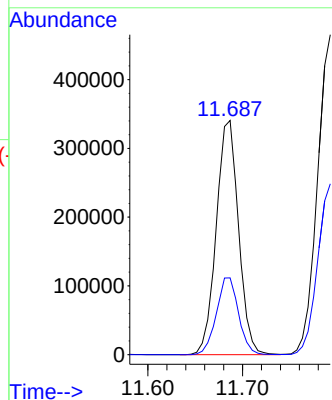
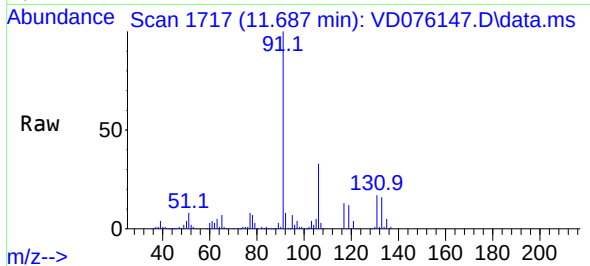




#67
Ethyl Benzene
Concen: 48.931 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

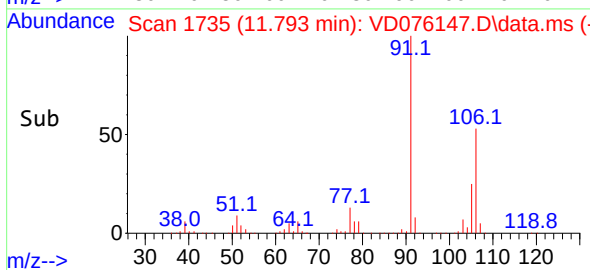
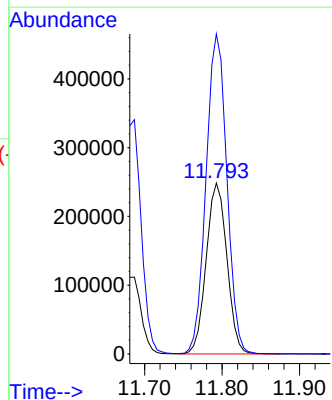
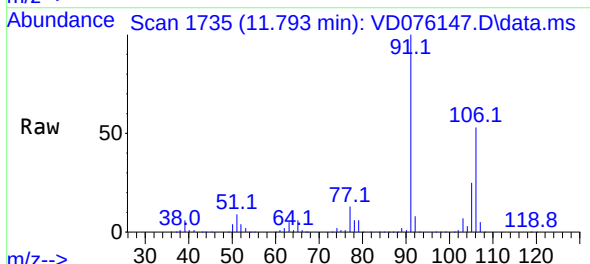
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

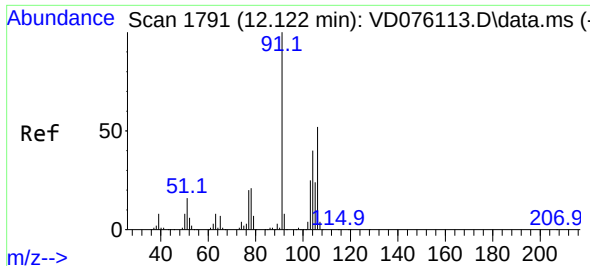
Tgt Ion: 91 Resp: 557007
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 98.956 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 106 Resp: 460393
Ion Ratio Lower Upper
106 100
91 188.5 161.5 242.3

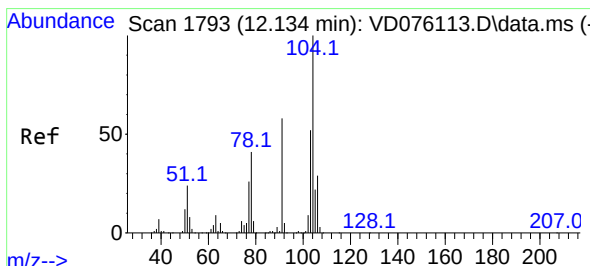
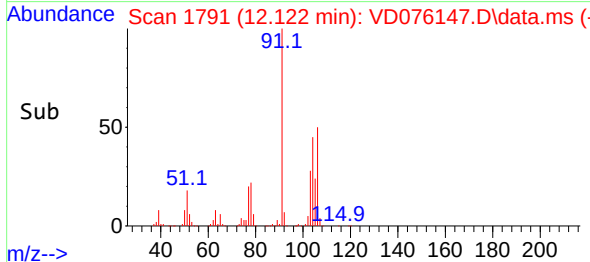
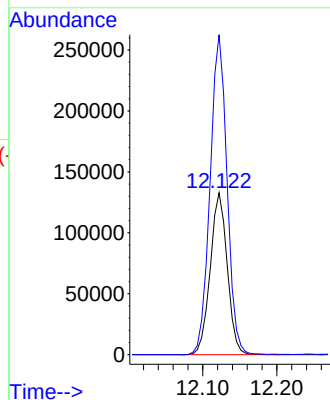
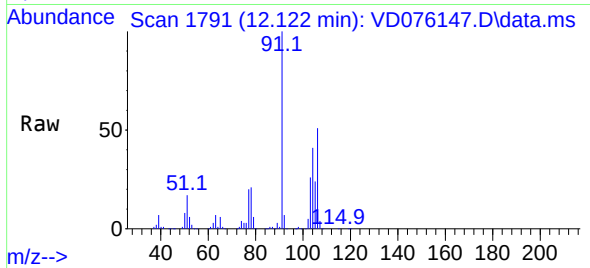




#69
o-Xylene
Concen: 49.773 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

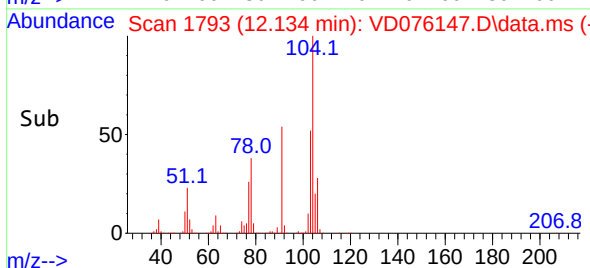
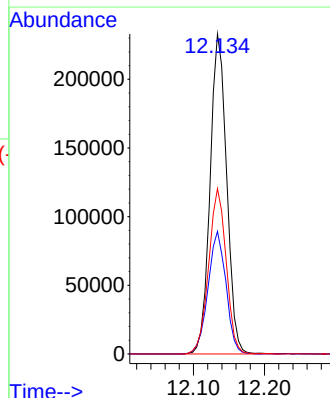
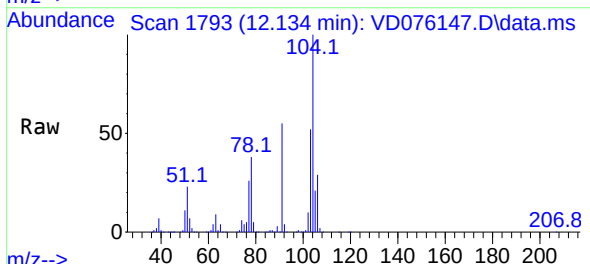
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

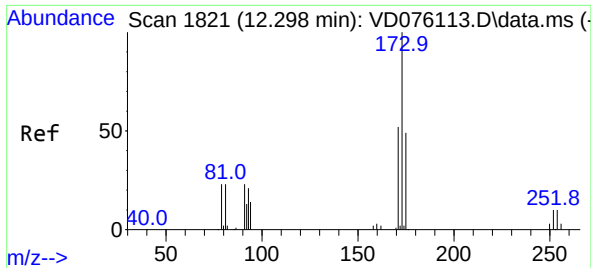
Tgt Ion:106 Resp: 211300
Ion Ratio Lower Upper
106 100
91 197.3 105.7 317.1



#70
Styrene
Concen: 51.439 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:104 Resp: 378601
Ion Ratio Lower Upper
104 100
78 41.5 40.2 60.4
103 54.5 44.2 66.2

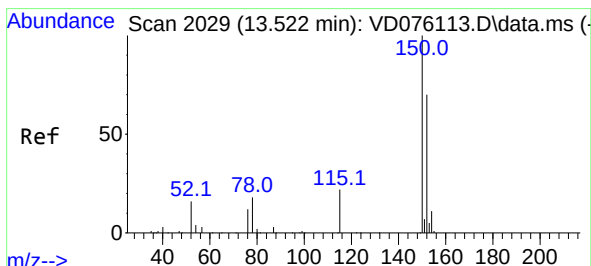
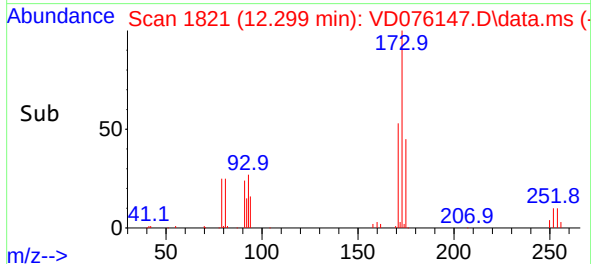
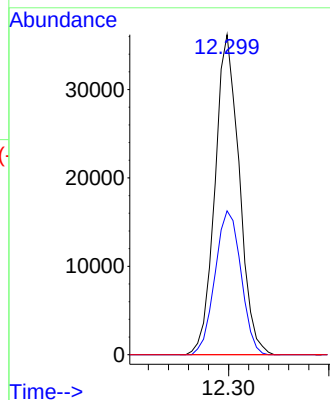
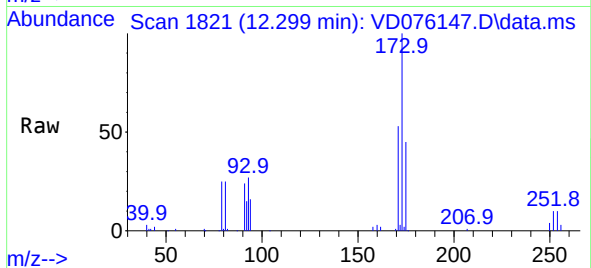




#71
Bromoform
Concen: 44.184 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

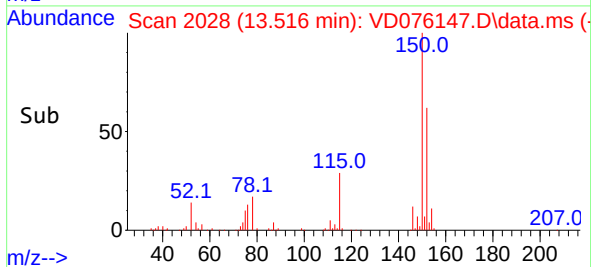
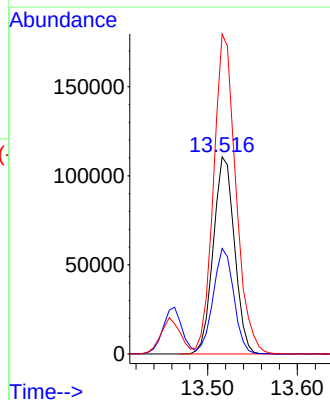
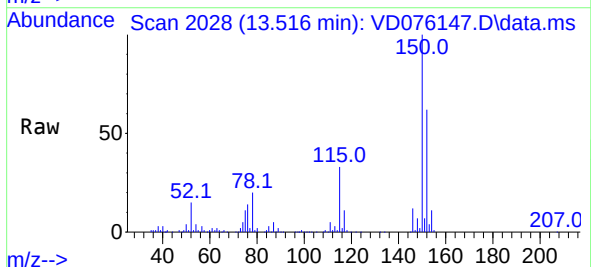
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

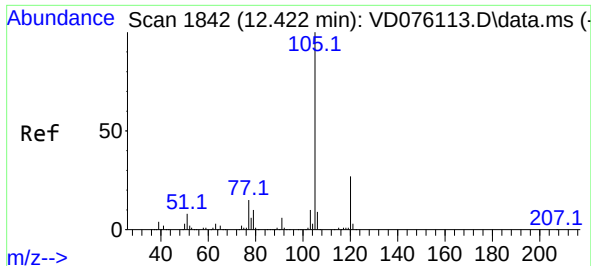
Tgt Ion:173 Resp: 60930
Ion Ratio Lower Upper
173 100
175 48.1 23.5 70.5
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:152 Resp: 181529
Ion Ratio Lower Upper
152 100
115 52.2 30.1 90.3
150 171.3 0.0 364.8

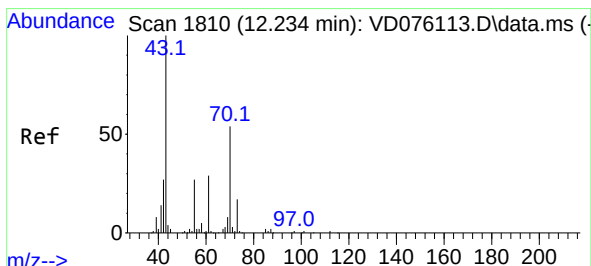
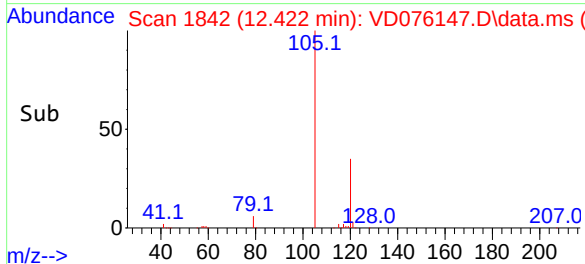
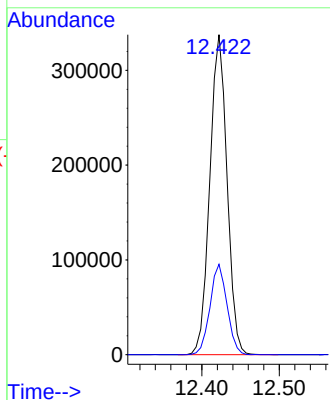
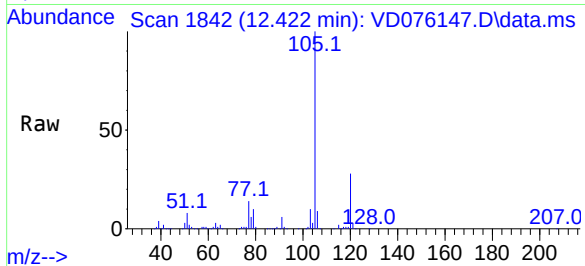




#73
Isopropylbenzene
Concen: 43.364 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

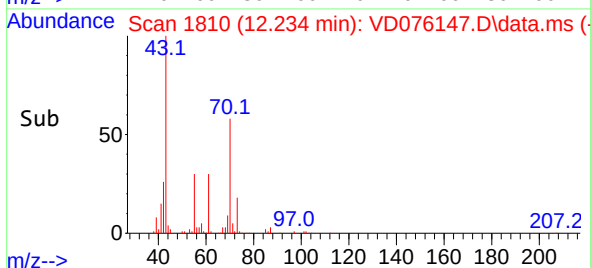
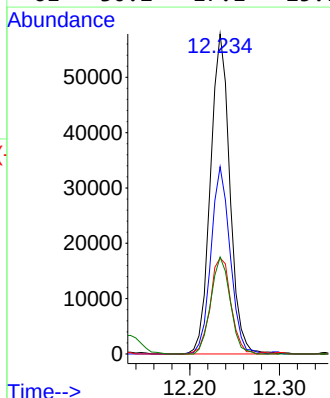
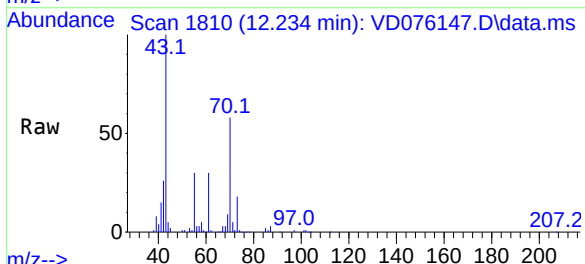
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

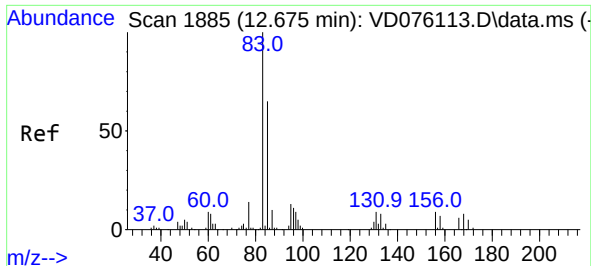
Tgt Ion:105 Resp: 520727
Ion Ratio Lower Upper
105 100
120 27.9 13.4 40.1



#74
N-ethyl acetate
Concen: 40.549 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 43 Resp: 86732
Ion Ratio Lower Upper
43 100
70 58.0 31.0 46.4#
55 31.9 18.6 28.0#
61 30.2 17.1 25.7#

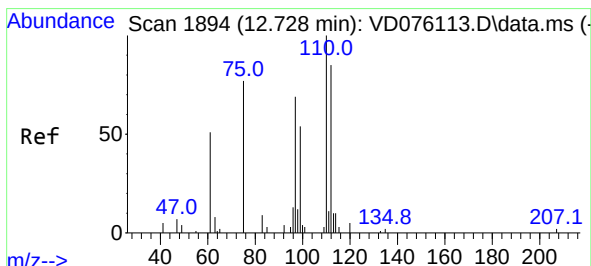
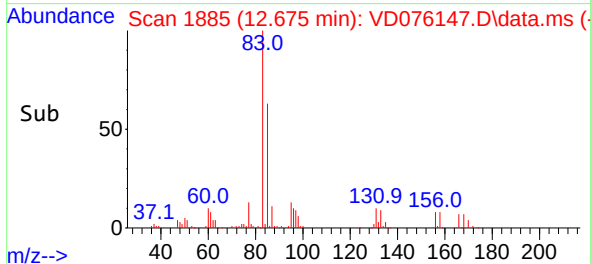
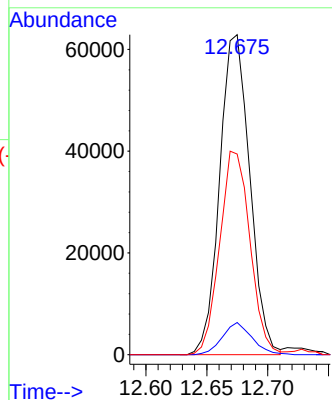
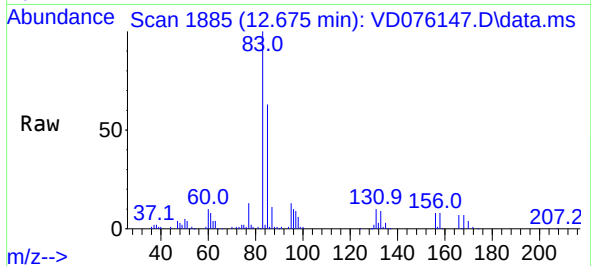




#75
1,1,2,2-Tetrachloroethane
Concen: 41.932 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

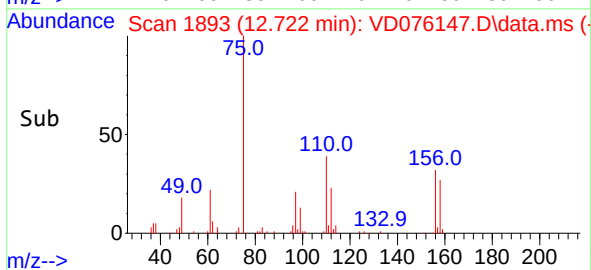
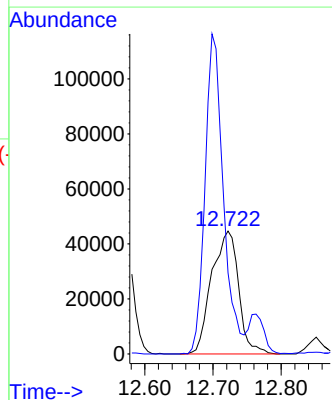
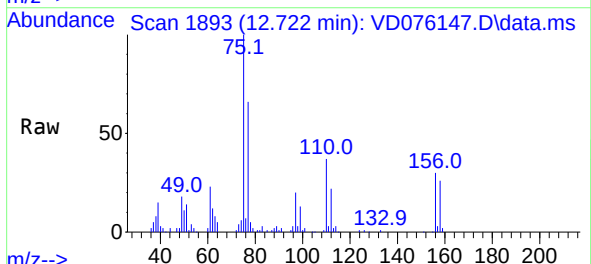
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

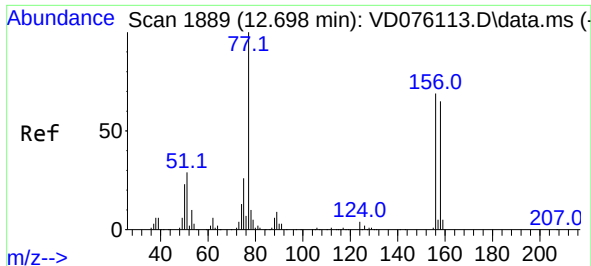
Tgt Ion: 83 Resp: 108222
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.2
85 64.1 33.6 100.6



#76
1,2,3-Trichloropropane
Concen: 77.339 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 75 Resp: 122856
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

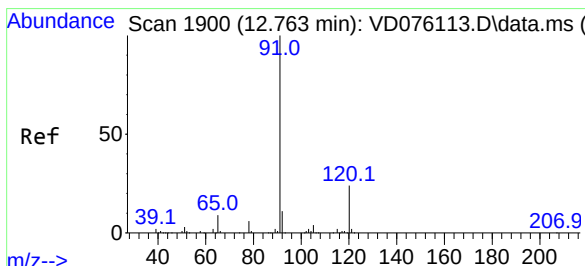
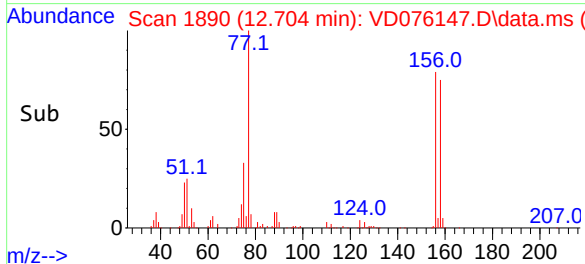
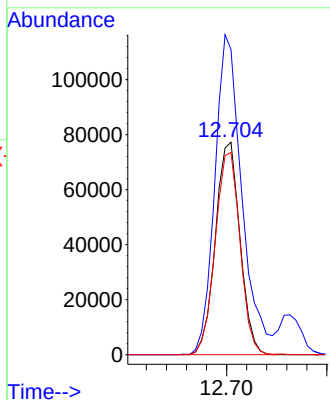
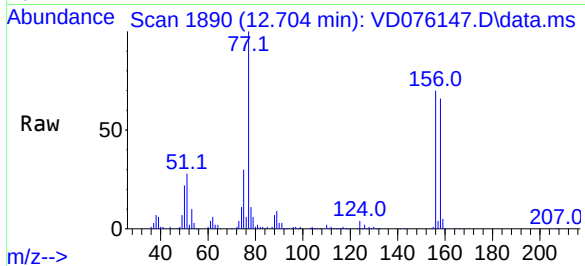




#77
Bromobenzene
Concen: 40.874 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

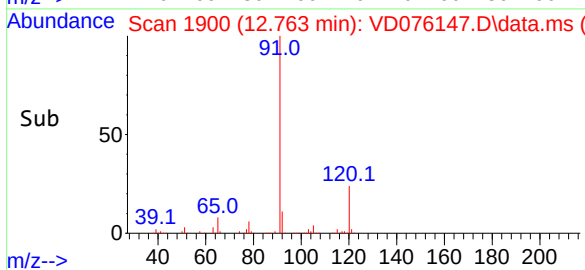
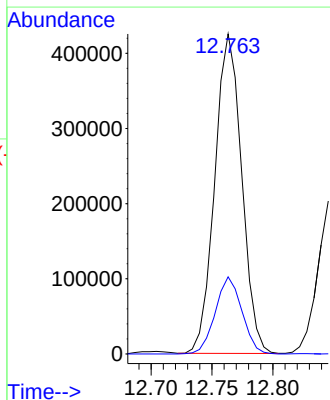
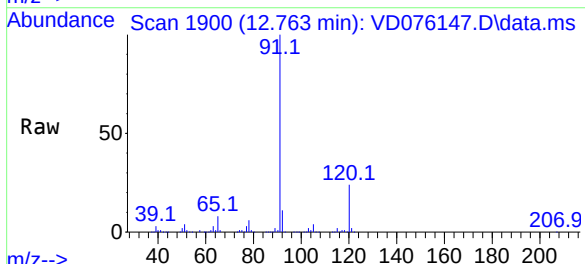
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

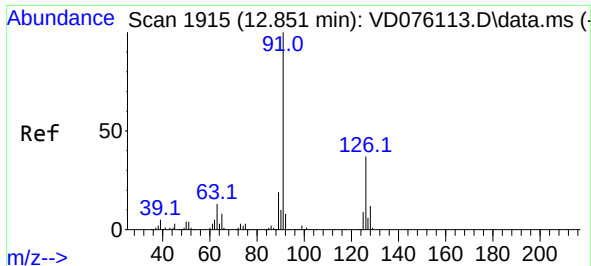
Tgt Ion:156 Resp: 131556
Ion Ratio Lower Upper
156 100
77 165.7 89.5 268.6
158 95.9 47.8 143.4



#78
n-propylbenzene
Concen: 43.755 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 91 Resp: 654000
Ion Ratio Lower Upper
91 100
120 23.8 11.4 34.2

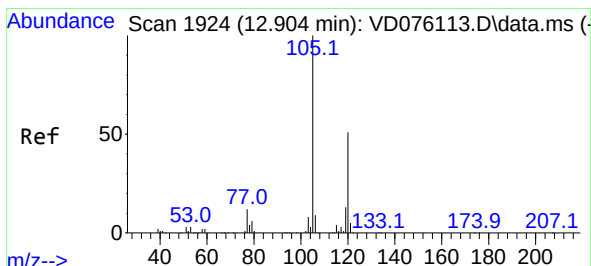
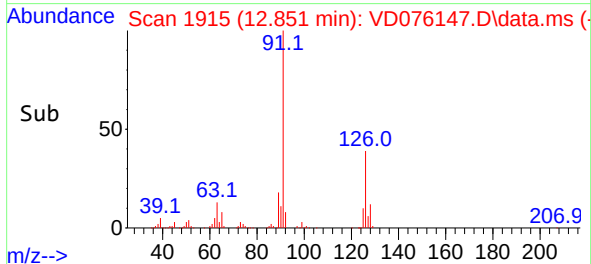
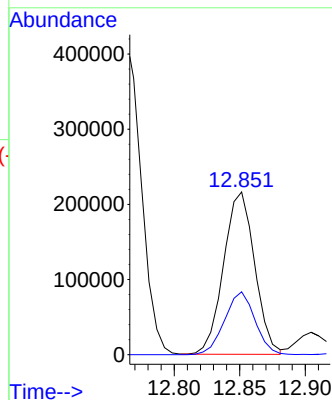
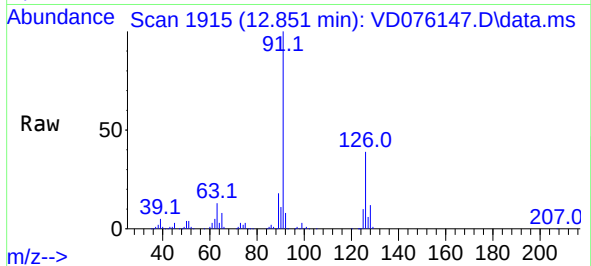




#79
2-Chlorotoluene
Concen: 43.118 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

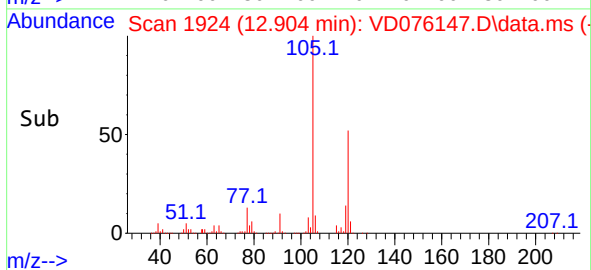
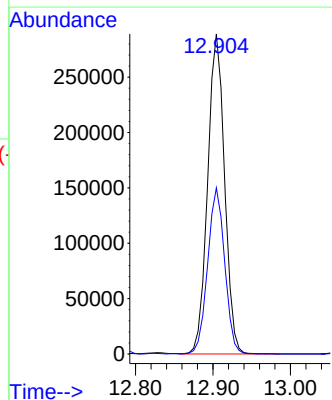
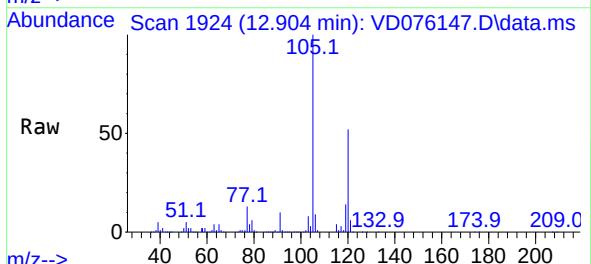
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

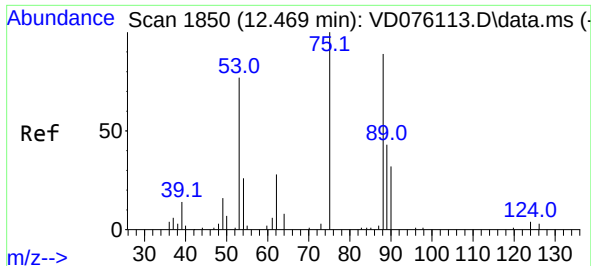
Tgt Ion: 91 Resp: 356690
Ion Ratio Lower Upper
91 100
126 38.0 16.8 50.3



#80
1,3,5-Trimethylbenzene
Concen: 44.051 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 105 Resp: 438522
Ion Ratio Lower Upper
105 100
120 52.2 24.3 72.8

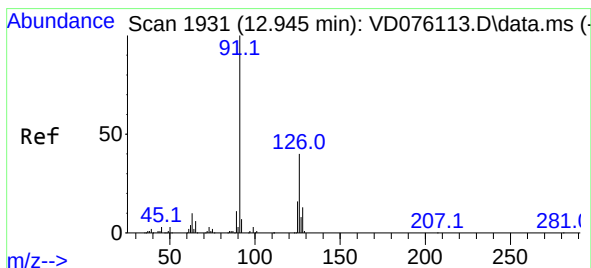
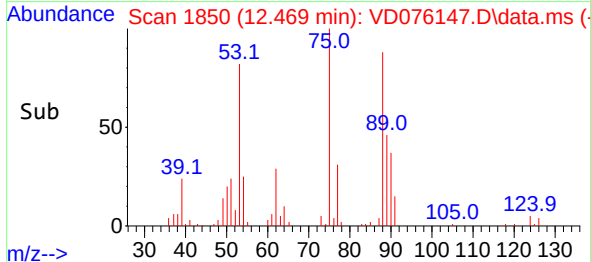
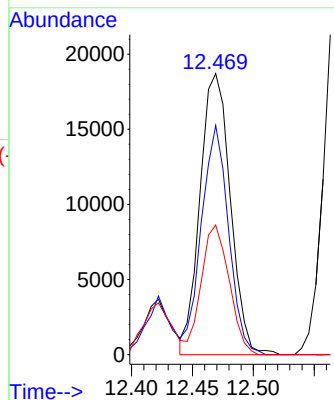
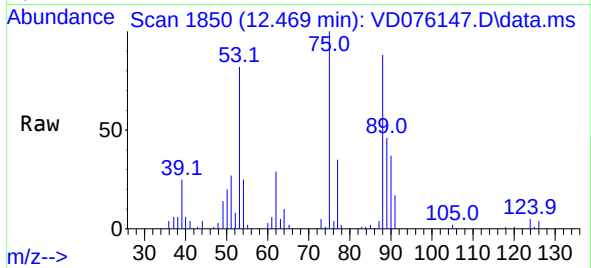




#81
trans-1,4-Dichloro-2-butene
Concen: 42.879 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

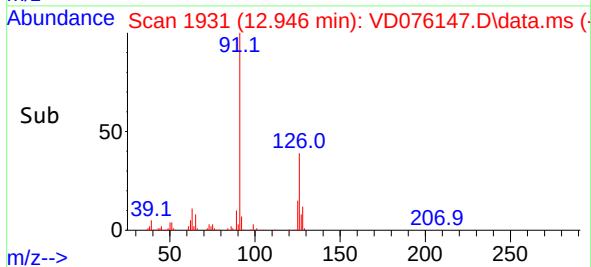
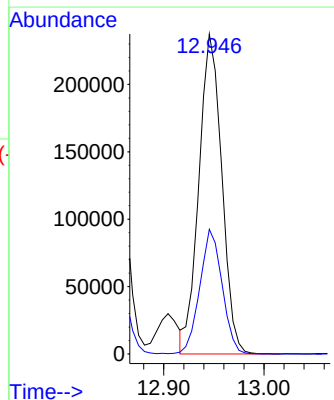
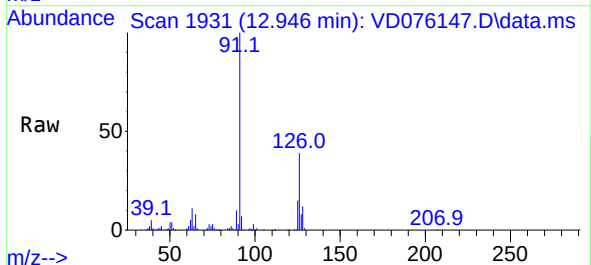
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

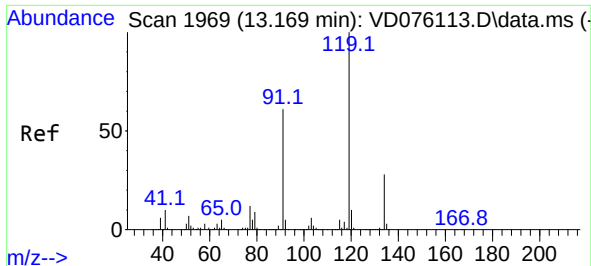
Tgt Ion: 75 Resp: 32469
Ion Ratio Lower Upper
75 100
53 73.2 90.5 135.7#
89 41.9 40.2 60.4



#82
4-Chlorotoluene
Concen: 42.851 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. -0.005 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 91 Resp: 377057
Ion Ratio Lower Upper
91 100
126 38.0 17.1 51.2

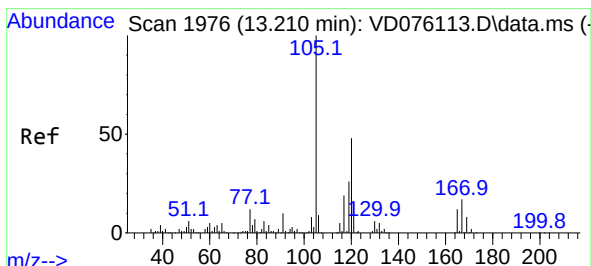
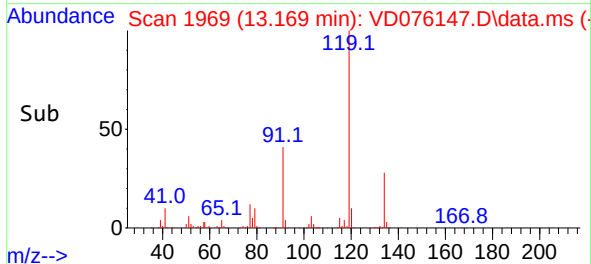
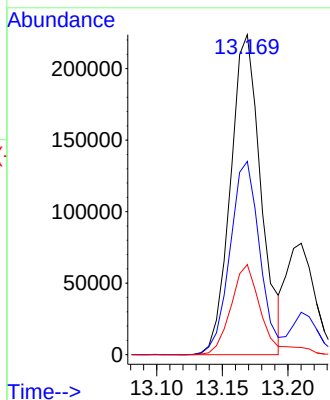
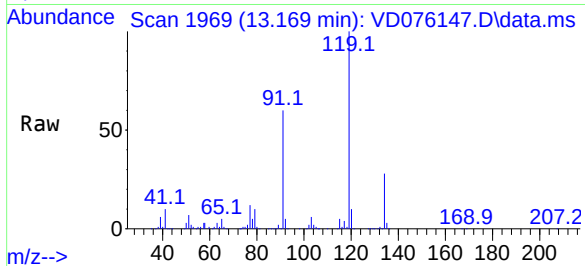




#83
tert-Butylbenzene
Concen: 43.080 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

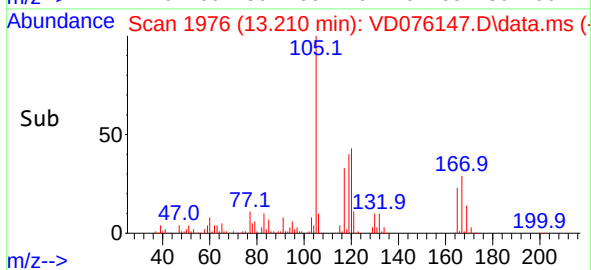
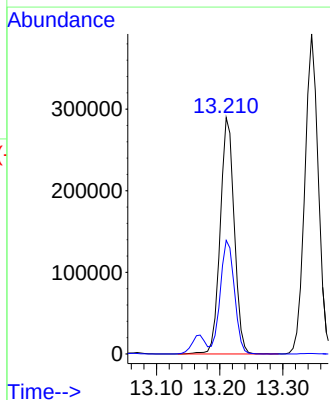
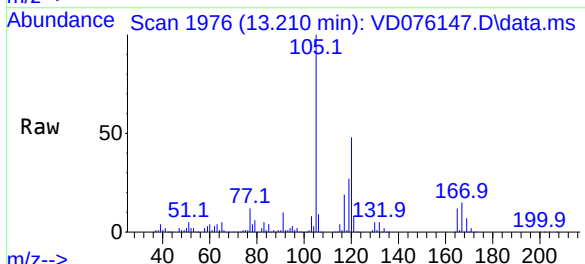
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

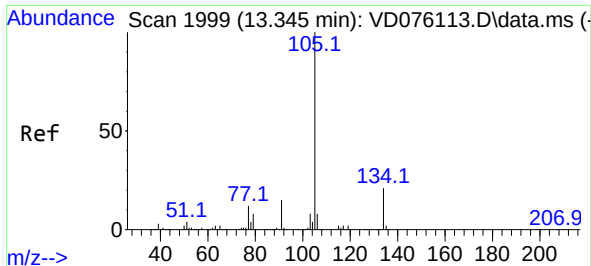
Tgt Ion:119 Resp: 362434
Ion Ratio Lower Upper
119 100
91 58.7 32.4 97.0
134 28.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 45.116 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:105 Resp: 447276
Ion Ratio Lower Upper
105 100
120 48.8 22.3 66.9

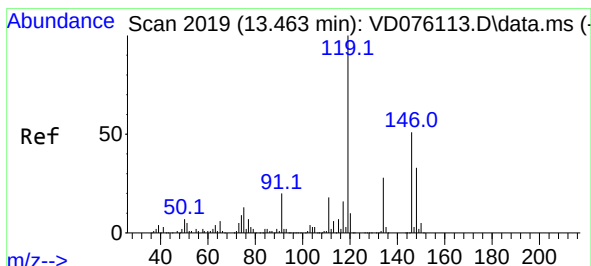
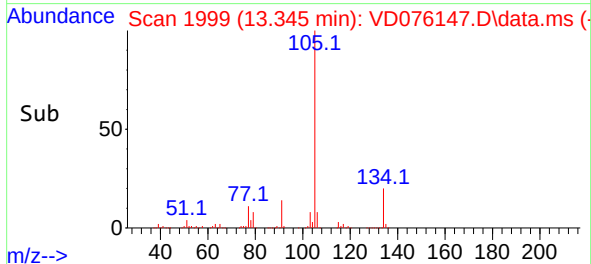
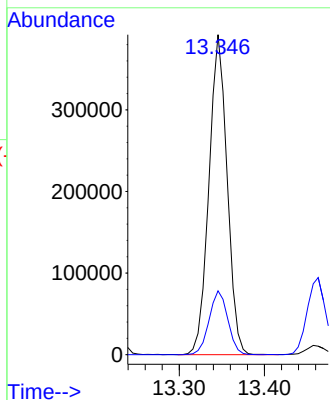
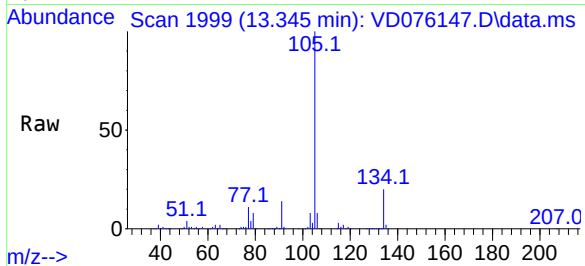




#85
 sec-Butylbenzene
 Concen: 44.295 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

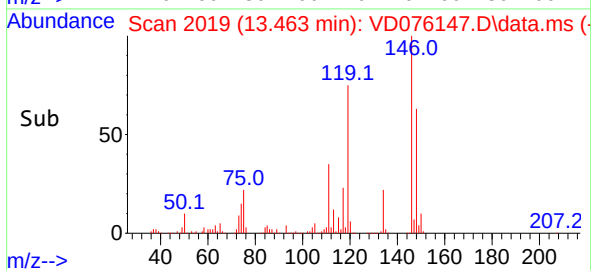
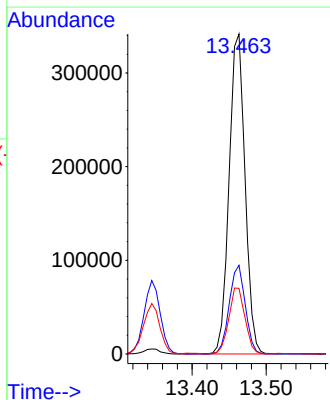
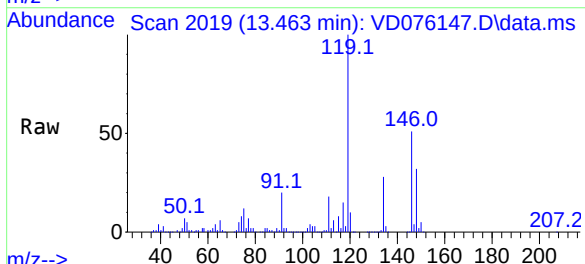
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

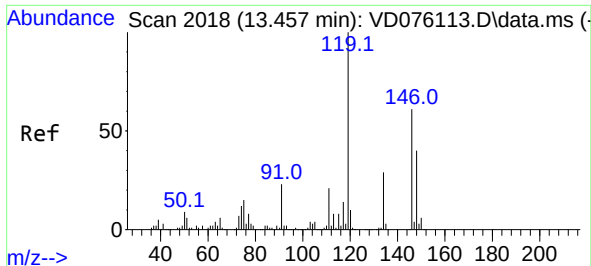
Tgt Ion:105 Resp: 580768
 Ion Ratio Lower Upper
 105 100
 134 20.5 9.9 29.7



#86
 p-Isopropyltoluene
 Concen: 47.548 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD076147.D
 Acq: 18 May 2023 18:29

Tgt Ion:119 Resp: 510105
 Ion Ratio Lower Upper
 119 100
 134 27.8 13.1 39.3
 91 20.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 46.524 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

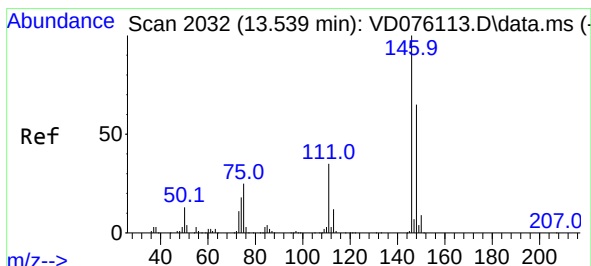
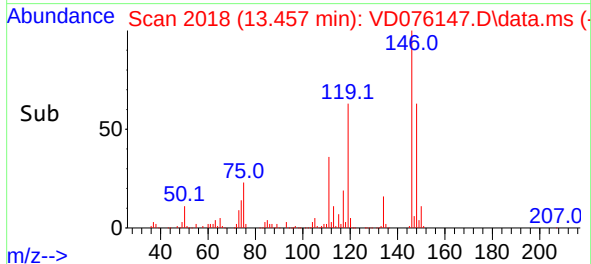
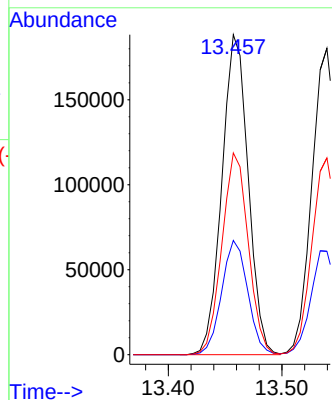
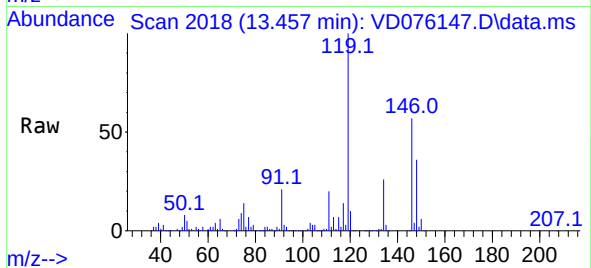
Tgt Ion:146 Resp: 302756

Ion Ratio Lower Upper

146 100

111 35.5 19.8 59.3

148 63.3 31.0 93.0



#88

1,4-Dichlorobenzene

Concen: 45.428 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

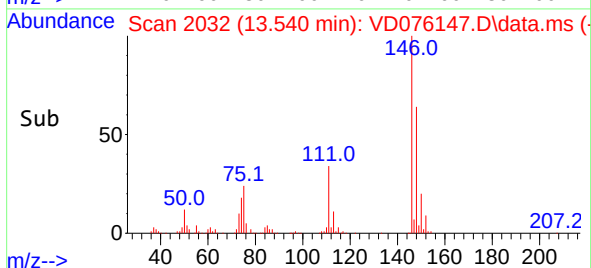
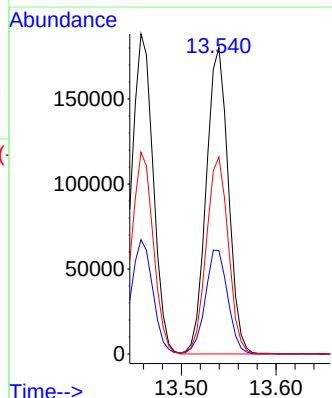
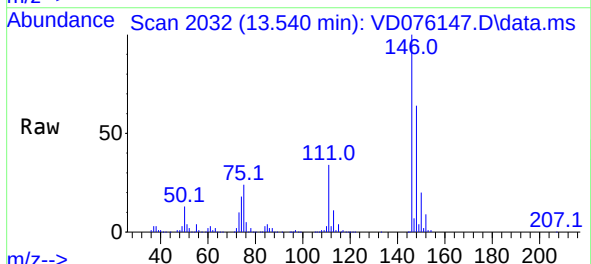
Tgt Ion:146 Resp: 292725

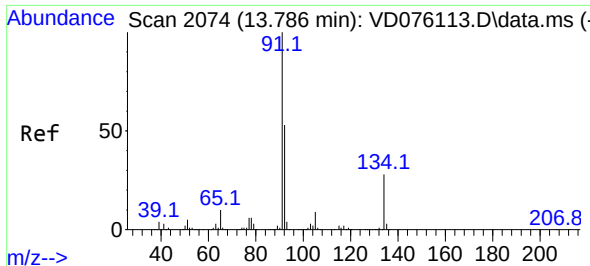
Ion Ratio Lower Upper

146 100

111 34.5 19.6 58.8

148 64.2 31.7 95.1

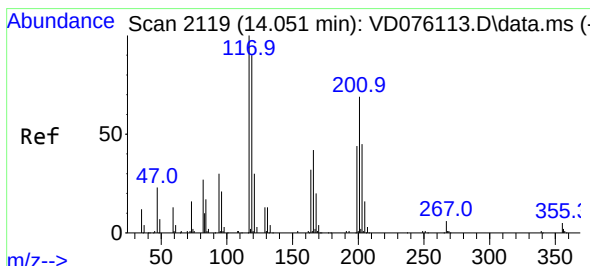
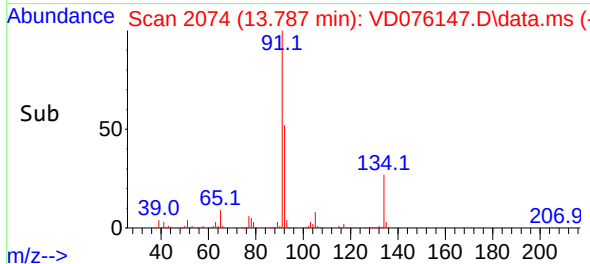
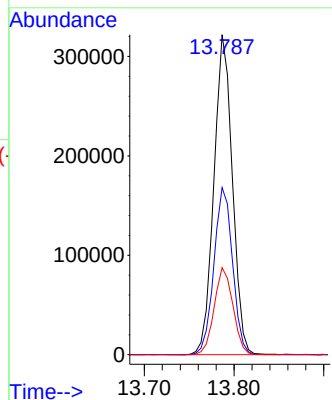
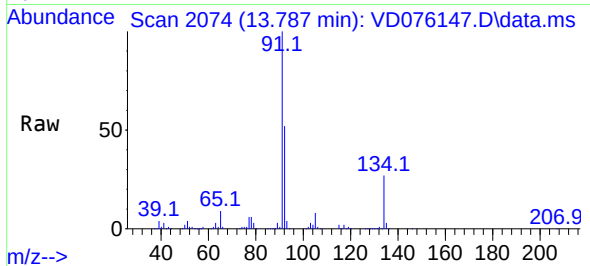




#89
n-Butylbenzene
Concen: 45.539 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.005 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

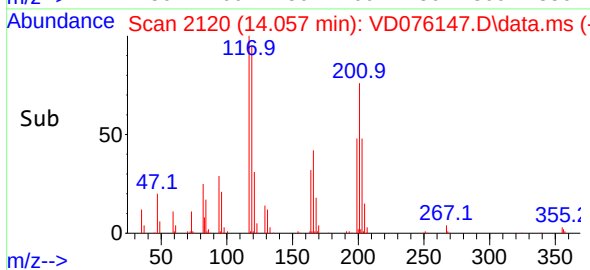
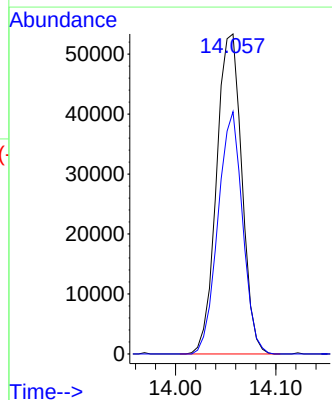
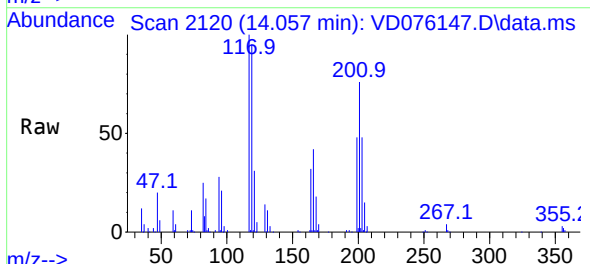
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

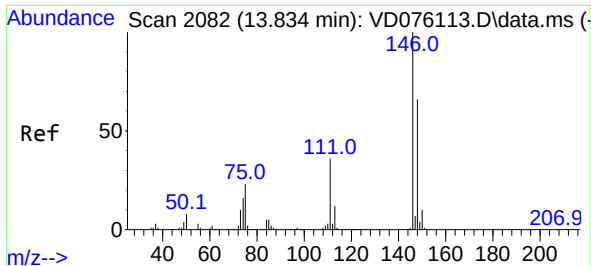
Tgt Ion: 91 Resp: 460409
Ion Ratio Lower Upper
91 100
92 52.7 26.2 78.5
134 27.5 12.7 38.0



#90
Hexachloroethane
Concen: 42.367 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion: 117 Resp: 93495
Ion Ratio Lower Upper
117 100
201 73.7 34.5 103.6





#91

1,2-Dichlorobenzene

Concen: 46.403 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

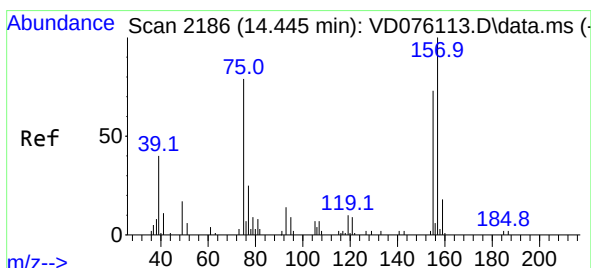
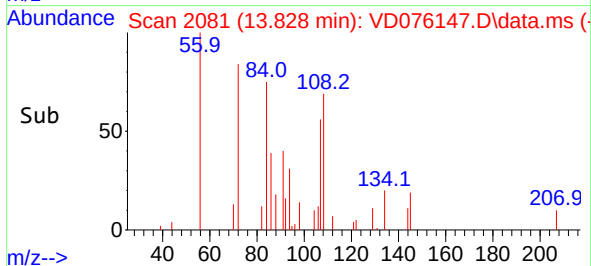
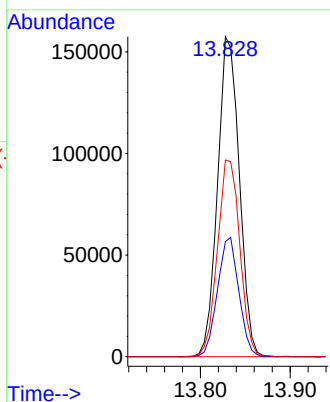
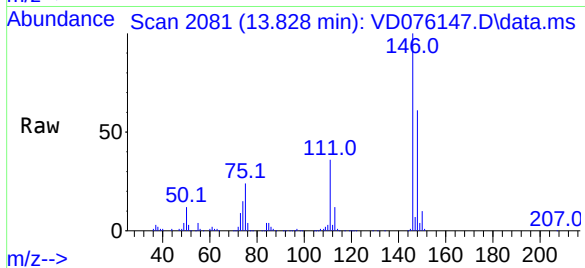
Tgt Ion:146 Resp: 265002

Ion Ratio Lower Upper

146 100

111 36.6 20.6 61.8

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.171 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. -0.006 min

Lab File: VD076147.D

Acq: 18 May 2023 18:29

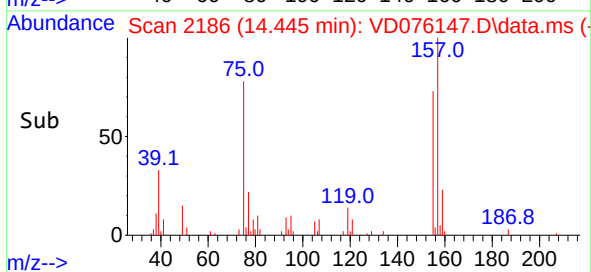
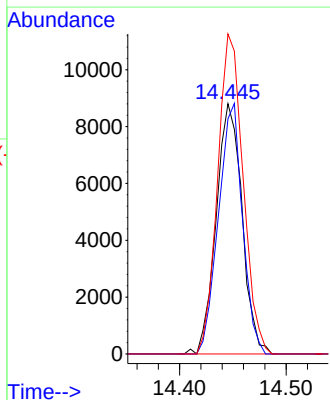
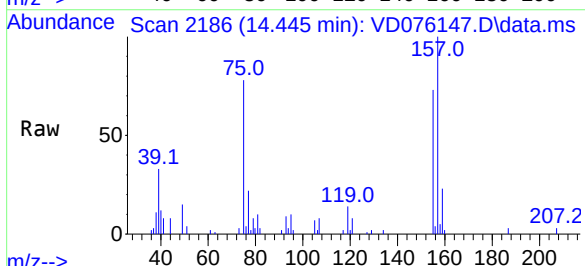
Tgt Ion: 75 Resp: 14802

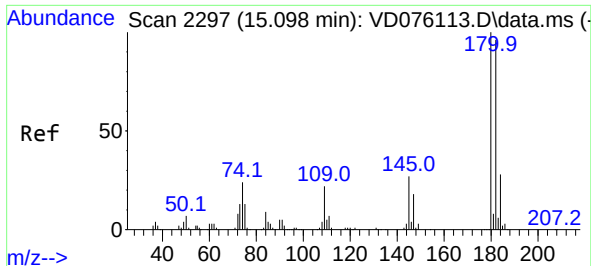
Ion Ratio Lower Upper

75 100

155 93.2 39.5 118.5

157 126.1 53.5 160.7

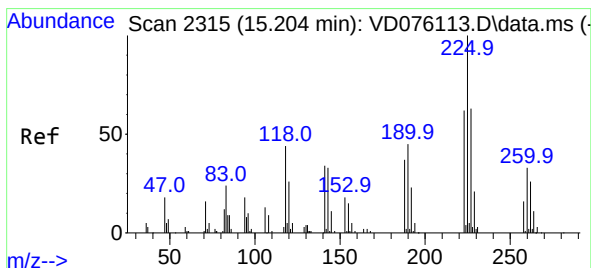
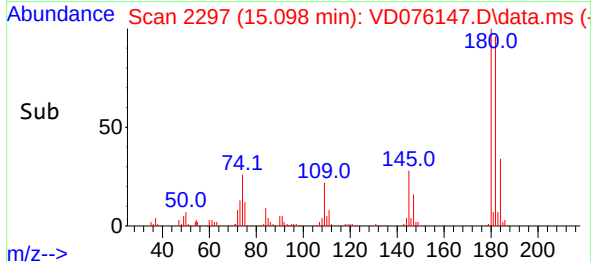
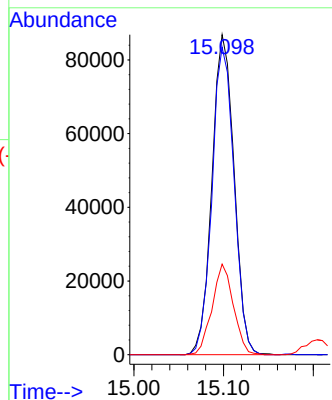
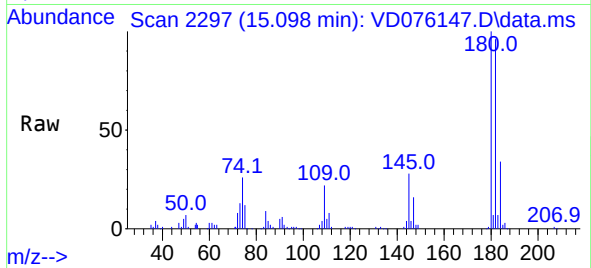




#93
1,2,4-Trichlorobenzene
Concen: 44.707 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

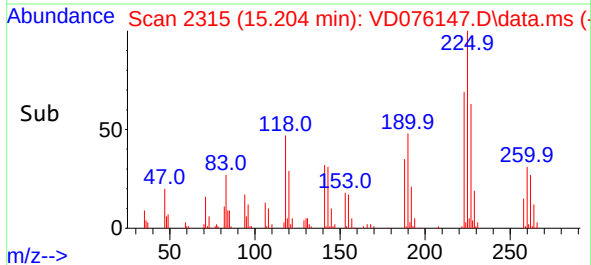
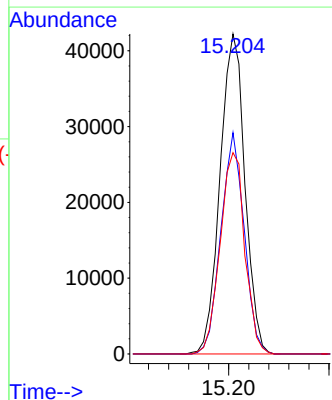
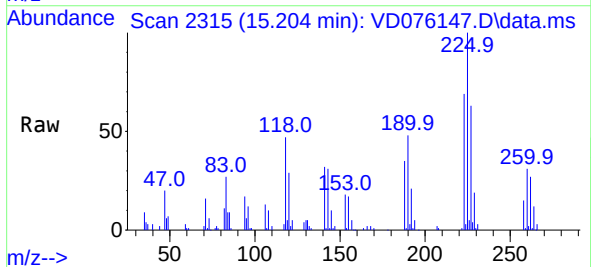
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

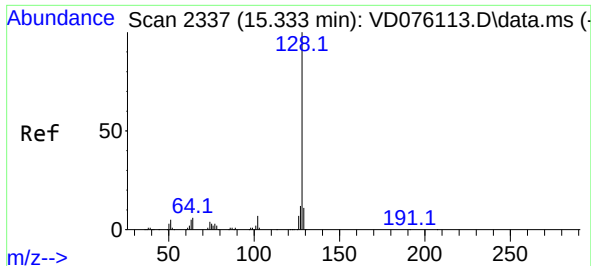
Tgt Ion:180 Resp: 148511
Ion Ratio Lower Upper
180 100
182 95.9 47.9 143.7
145 27.2 15.9 47.7



#94
Hexachlorobutadiene
Concen: 42.866 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:225 Resp: 72604
Ion Ratio Lower Upper
225 100
223 64.8 33.1 99.2
227 62.5 31.9 95.9

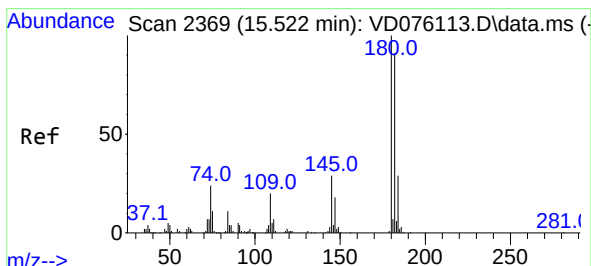
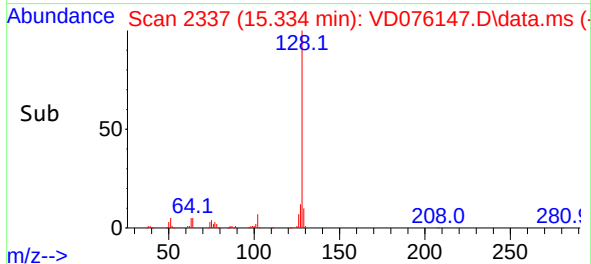
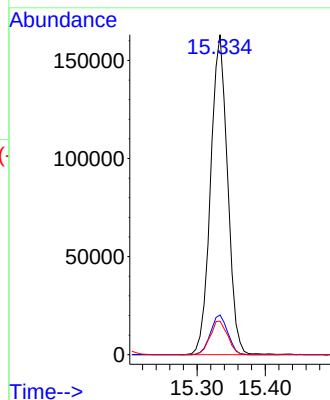
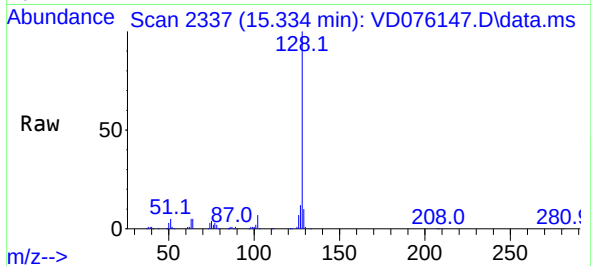




#95
Naphthalene
Concen: 45.735 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 282292
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 44.282 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD076147.D
Acq: 18 May 2023 18:29

Tgt Ion:180 Resp: 133781
Ion Ratio Lower Upper
180 100
182 94.7 47.7 143.1
145 29.4 16.4 49.4

