

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082923\
 Data File : VD077070.D
 Acq On : 29 Aug 2023 19:06
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.8ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 30 08:27:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082823S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 28 15:49:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	179514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313794	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	132571	75.008	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.020%	
35) Dibromofluoromethane	7.805	113	143552	68.477	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 136.960%	
50) Toluene-d8	10.269	98	550292	72.559	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 145.120%#	
62) 4-Bromofluorobenzene	12.575	95	171288	76.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 153.200%#	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	86365	50.280	ug/l	97
3) Chloromethane	2.146	50	172209	59.627	ug/l	97
4) Vinyl Chloride	2.275	62	194017	52.875	ug/l	96
5) Bromomethane	2.675	94	149566	47.660	ug/l	100
6) Chloroethane	2.822	64	144912	58.152	ug/l	99
7) Trichlorofluoromethane	3.164	101	170308	51.299	ug/l	98
8) Diethyl Ether	3.587	74	57716	63.502	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.952	101	106629	55.006	ug/l	99
10) Methyl Iodide	4.152	142	152752	61.810	ug/l #	91
11) Tert butyl alcohol	5.052	59	30484	287.464	ug/l	95
12) 1,1-Dichloroethene	3.934	96	105586	54.904	ug/l	98
13) Acrolein	3.787	56	75532	332.549	ug/l	99
14) Allyl chloride	4.552	41	117812	55.532	ug/l	95
15) Acrylonitrile	5.252	53	125429	311.844	ug/l	98
16) Acetone	4.016	43	88106	218.702	ug/l	90
17) Carbon Disulfide	4.258	76	304573	51.895	ug/l	98
18) Methyl Acetate	4.558	43	85958	63.061	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	264461	63.407	ug/l	98
20) Methylene Chloride	4.793	84	161249	64.893	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	129548	57.189	ug/l	98
22) Diisopropyl ether	6.216	45	306601	64.514	ug/l	99
23) Vinyl Acetate	6.152	43	574763	254.965	ug/l	96
24) 1,1-Dichloroethane	6.110	63	211917	59.397	ug/l	99
25) 2-Butanone	7.081	43	141141	279.612	ug/l	90
26) 2,2-Dichloropropane	7.069	77	128682	40.526	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	151830	59.661	ug/l	97
28) Bromochloromethane	7.422	49	78240	61.393	ug/l	93
29) Tetrahydrofuran	7.446	42	91585	326.654	ug/l	94
30) Chloroform	7.593	83	303506	75.936	ug/l	99
31) Cyclohexane	7.875	56	145906	51.672	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	197459	56.921	ug/l	97
36) 1,1-Dichloropropene	8.005	75	163183	54.643	ug/l	98
37) Ethyl Acetate	7.163	43	66148	61.415	ug/l	97
38) Carbon Tetrachloride	7.987	117	158093	52.358	ug/l	99
39) Methylcyclohexane	9.269	83	182651	52.612	ug/l	94
40) Benzene	8.246	78	520770	58.071	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	36513	61.477	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	136919	59.081	ug/l	97
43) Isopropyl Acetate	8.357	43	123447	60.322	ug/l #	81
44) Trichloroethene	9.028	130	140327	54.912	ug/l	93
45) 1,2-Dichloropropane	9.304	63	126516	59.635	ug/l	98
46) Dibromomethane	9.393	93	79931	59.177	ug/l	95
47) Bromodichloromethane	9.581	83	220299	69.865	ug/l	96
48) Methyl methacrylate	9.375	41	59176	64.515	ug/l	85
49) 1,4-Dioxane	9.381	88	18229	1259.797	ug/l	99
51) 4-Methyl-2-Pentanone	10.157	43	336862	319.982	ug/l	94
52) Toluene	10.334	92	341646	59.116	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	165836	56.868	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	194809	56.171	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	109926	61.312	ug/l	95
56) Ethyl methacrylate	10.598	69	125727	66.492	ug/l	96
57) 1,3-Dichloropropane	10.875	76	176843	62.060	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	135356	381.980	ug/l	100
59) 2-Hexanone	10.922	43	232218	307.304	ug/l	91
60) Dibromochloromethane	11.075	129	146866	66.178	ug/l	97
61) 1,2-Dibromoethane	11.181	107	104289	60.764	ug/l	99
64) Tetrachloroethene	10.810	164	154895	67.931	ug/l	97
65) Chlorobenzene	11.604	112	379265	55.244	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	142669	55.607	ug/l	98
67) Ethyl Benzene	11.681	91	654646	55.563	ug/l	98
68) m/p-Xylenes	11.793	106	527918	111.923	ug/l	93
69) o-Xylene	12.122	106	254644	59.062	ug/l	96
70) Styrene	12.134	104	447054	59.689	ug/l	98
71) Bromoform	12.298	173	85761	60.032	ug/l #	99
73) Isopropylbenzene	12.422	105	621178	53.554	ug/l	96
74) N-amyl acetate	12.234	43	120005	58.745	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.669	83	125742	55.449	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	95560m	59.608	ug/l	
77) Bromobenzene	12.698	156	160438	54.856	ug/l	97
78) n-propylbenzene	12.763	91	762098	53.764	ug/l	97
79) 2-Chlorotoluene	12.845	91	423272	54.617	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	529216	54.649	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	30700	44.462	ug/l	96
82) 4-Chlorotoluene	12.945	91	448244	54.680	ug/l	98
83) tert-Butylbenzene	13.169	119	447217	53.413	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	544477	56.061	ug/l	98
85) sec-Butylbenzene	13.345	105	677495	53.591	ug/l	97
86) p-Isopropyltoluene	13.457	119	583304	54.111	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	332329	54.827	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	326909	55.595	ug/l	99
89) n-Butylbenzene	13.787	91	524616	52.989	ug/l	99
90) Hexachloroethane	14.051	117	110689	52.954	ug/l	93
91) 1,2-Dichlorobenzene	13.828	146	289040	55.953	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	18437	58.384	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	176555	55.575	ug/l	98
94) Hexachlorobutadiene	15.204	225	84897	50.968	ug/l	98
95) Naphthalene	15.334	128	350416	59.468	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159904	56.188	ug/l	99

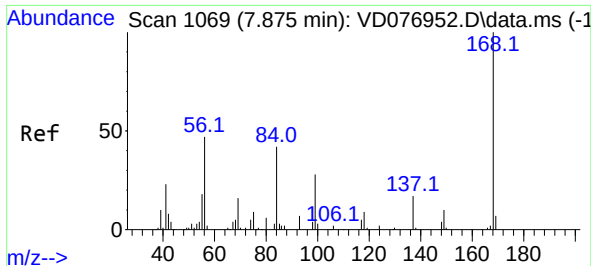
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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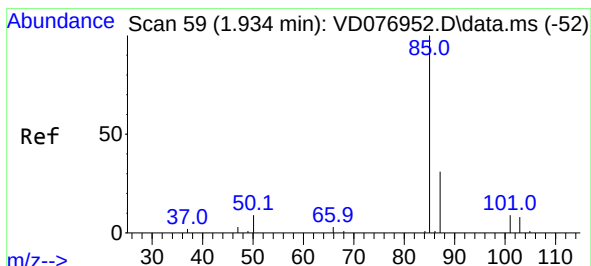
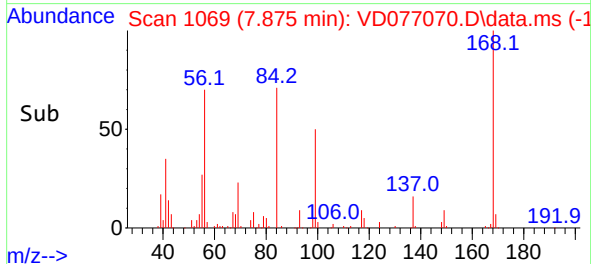
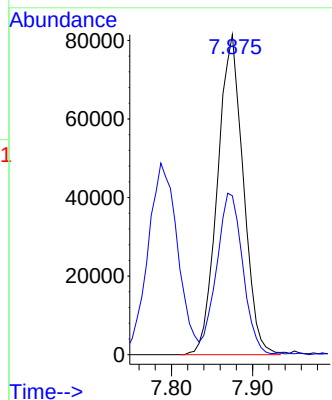
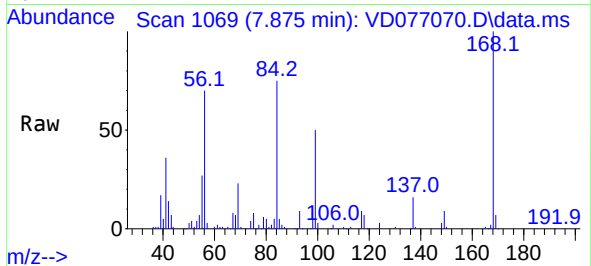
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

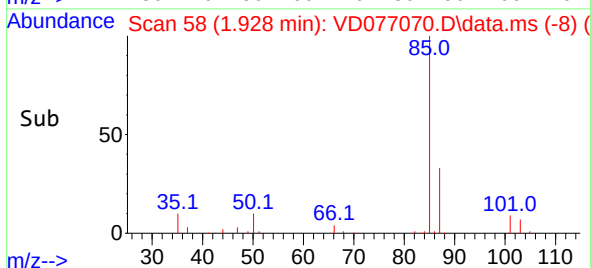
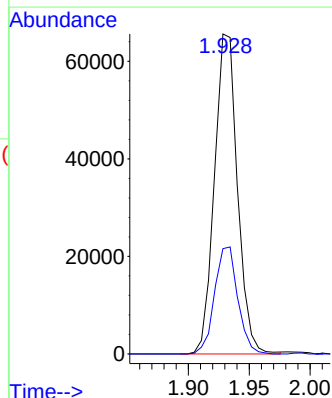
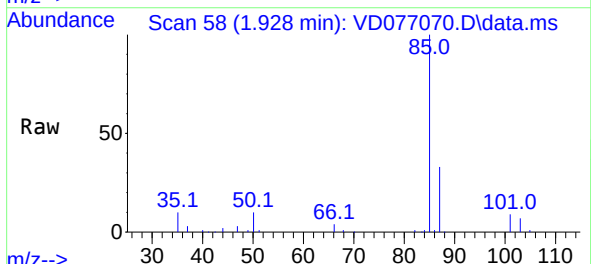
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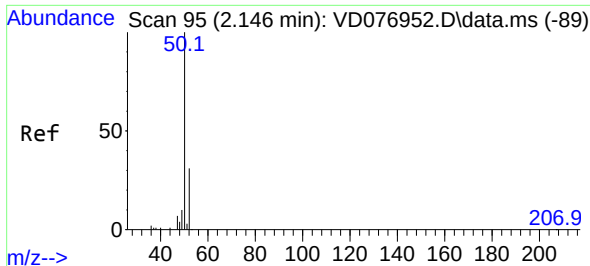
Tgt Ion:168 Resp: 179514
Ion Ratio Lower Upper
168 100
99 49.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 50.280 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 85 Resp: 86365
Ion Ratio Lower Upper
85 100
87 32.9 15.7 47.0

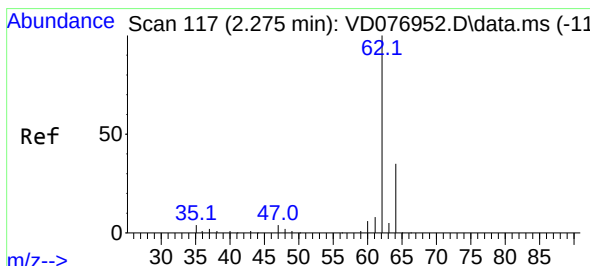
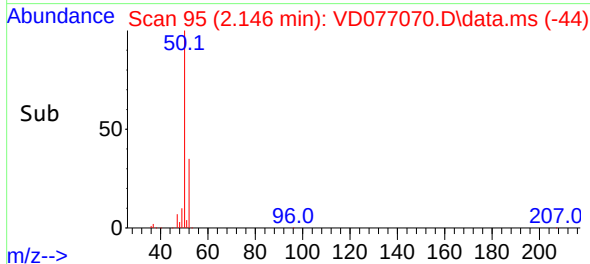
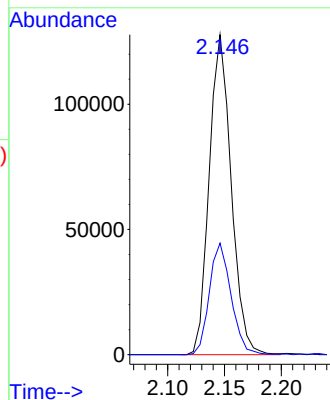
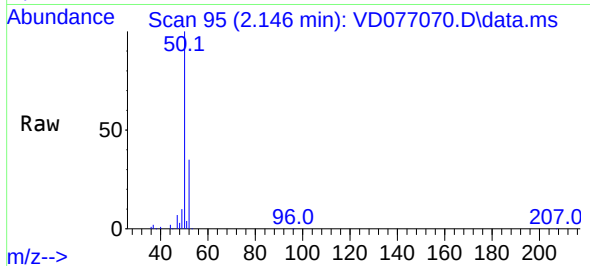




#3
Chloromethane
Concen: 59.627 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

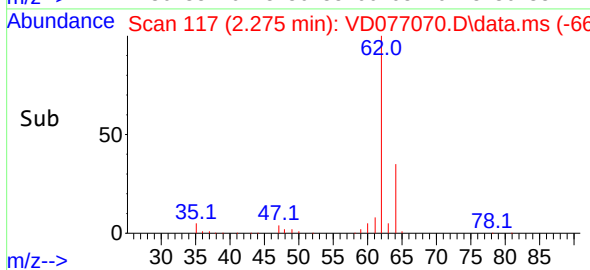
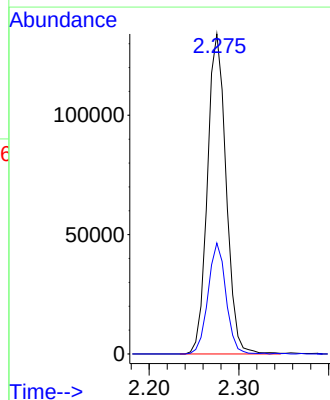
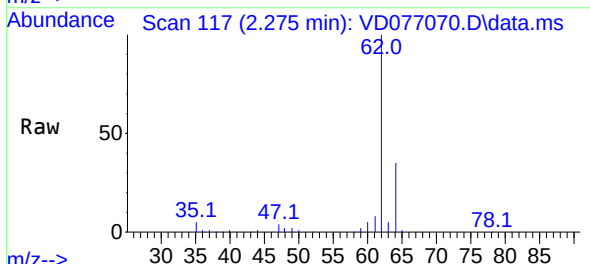
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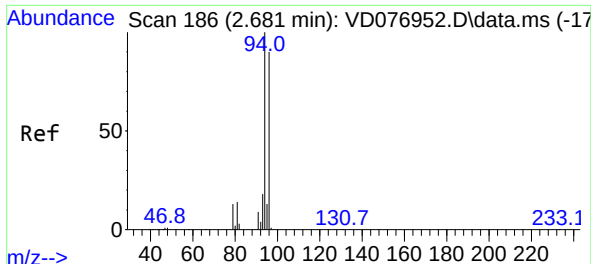
Tgt Ion: 50 Resp: 172209
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0



#4
Vinyl Chloride
Concen: 52.875 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 62 Resp: 194017
Ion Ratio Lower Upper
62 100
64 34.7 26.0 39.0

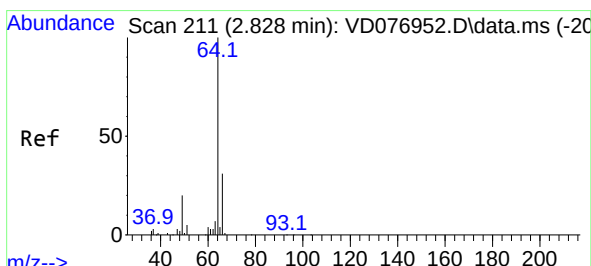
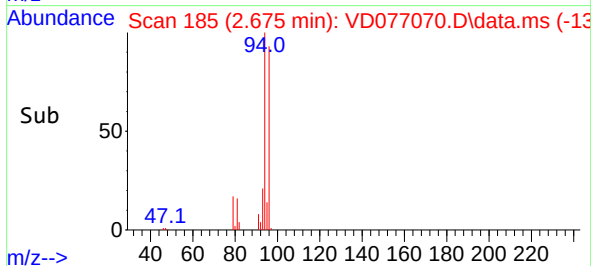
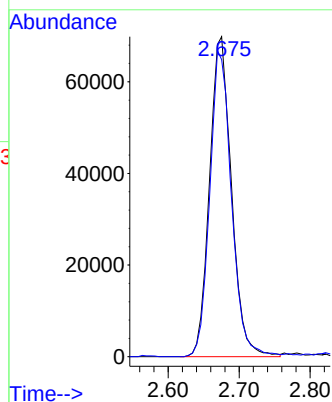
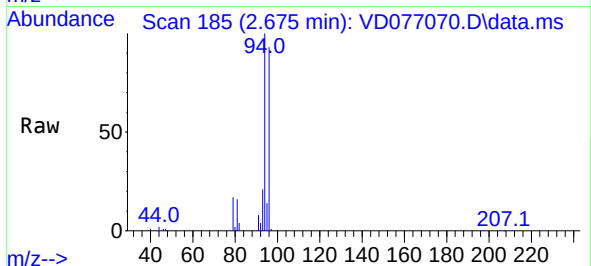




#5
Bromomethane
Concen: 47.660 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

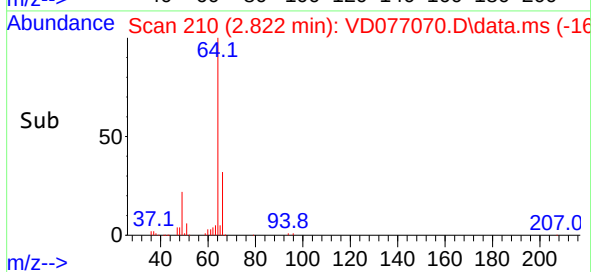
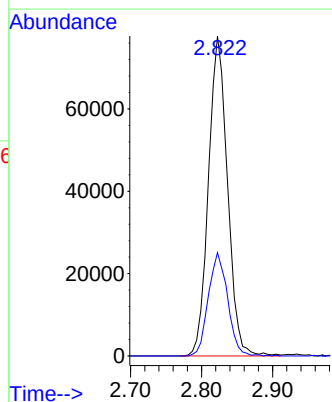
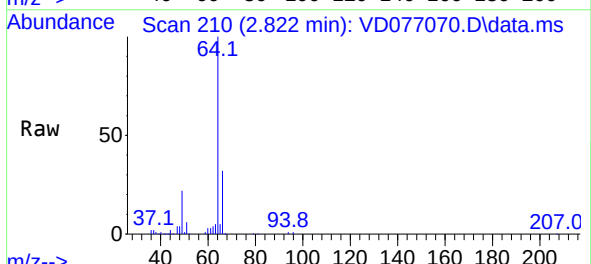
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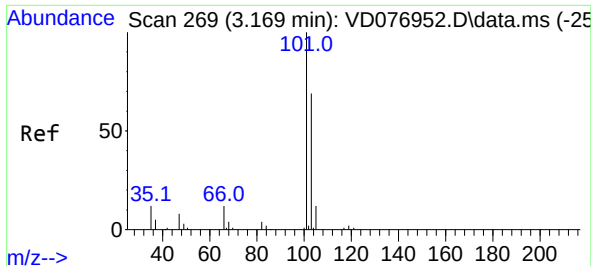
Tgt Ion: 94 Resp: 149566
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8



#6
Chloroethane
Concen: 58.152 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 64 Resp: 144912
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

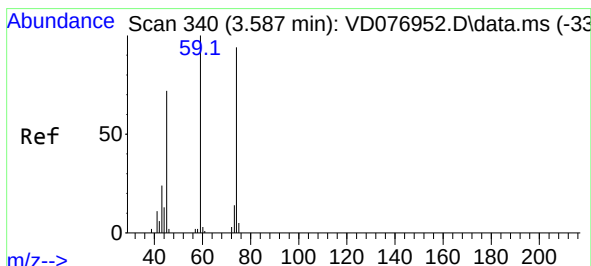
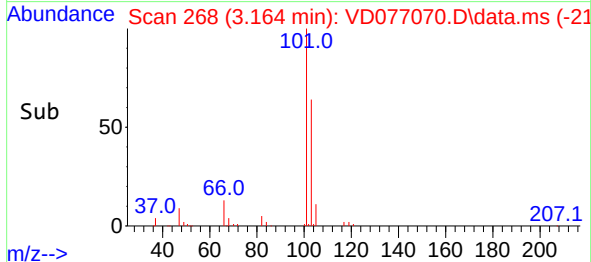
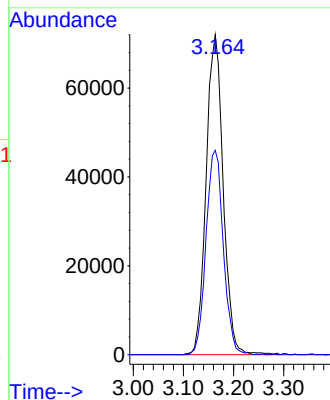
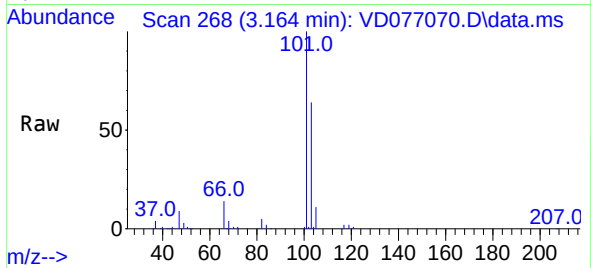




#7
 Trichlorofluoromethane
 Concen: 51.299 ug/l
 RT: 3.164 min Scan# 207
 Delta R.T. -0.005 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

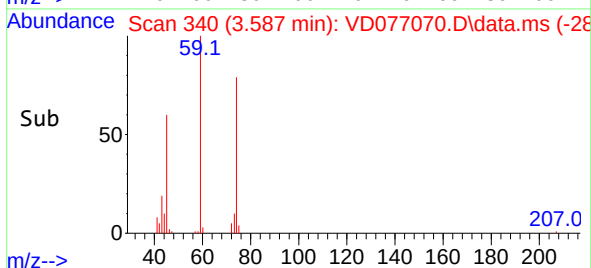
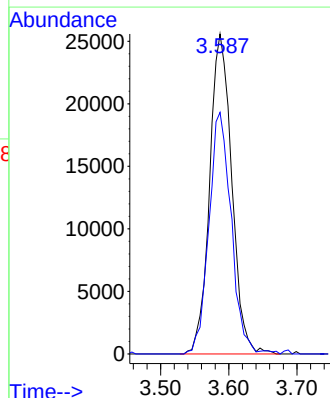
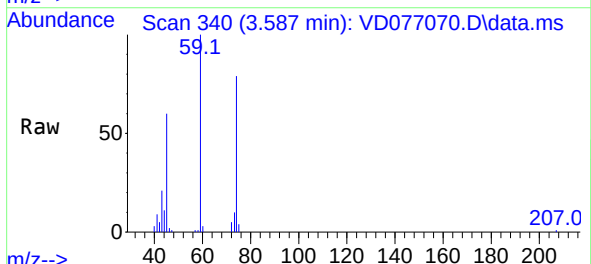
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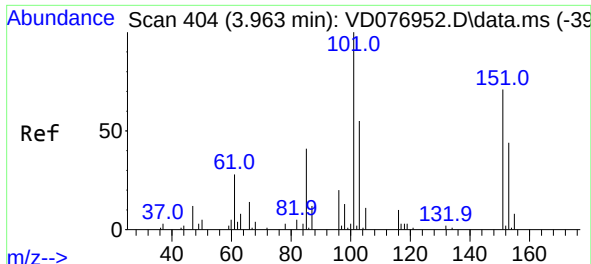
Tgt Ion:101 Resp: 170308
 Ion Ratio Lower Upper
 101 100
 103 63.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 63.502 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

Tgt Ion: 74 Resp: 57716
 Ion Ratio Lower Upper
 74 100
 45 75.7 37.5 112.7

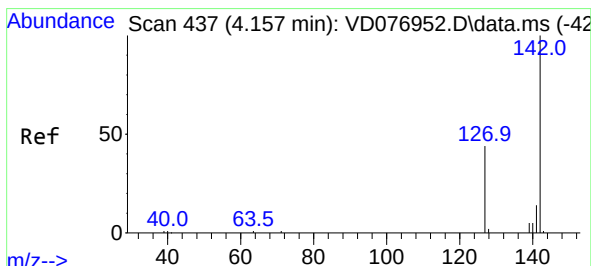
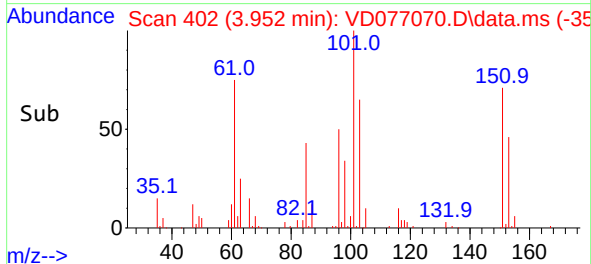
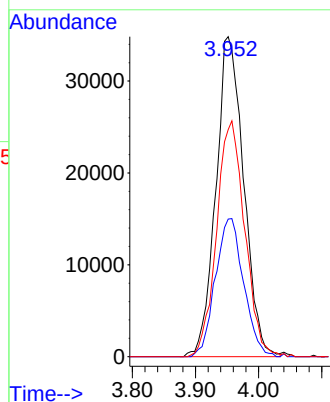
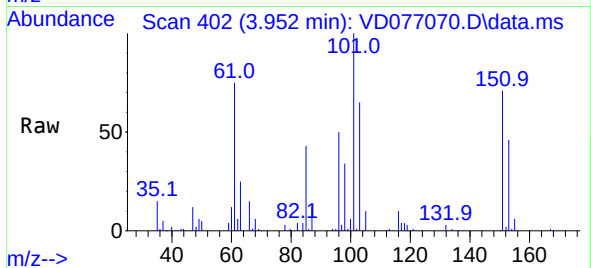




#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.006 ug/l
RT: 3.952 min Scan# 404
Delta R.T. -0.011 min
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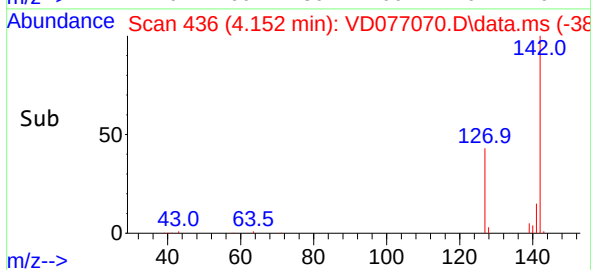
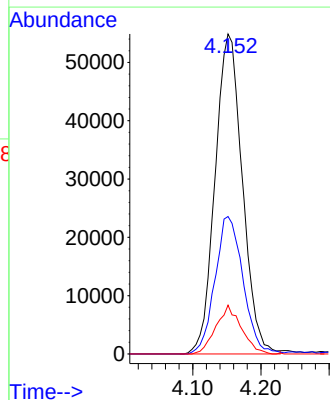
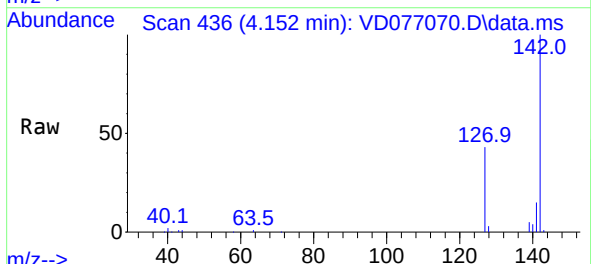
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ClientSampleId :
VSTDCCC050EC

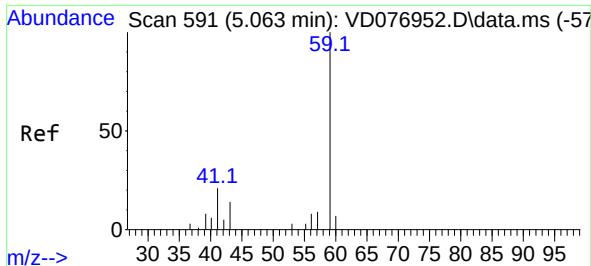
Tgt Ion:101 Resp: 106629
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.6
151 74.5 59.8 89.6



#10
Methyl Iodide
Concen: 61.810 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:142 Resp: 152752
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 14.2 11.1 16.7

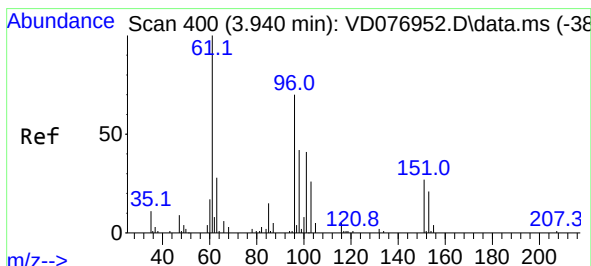
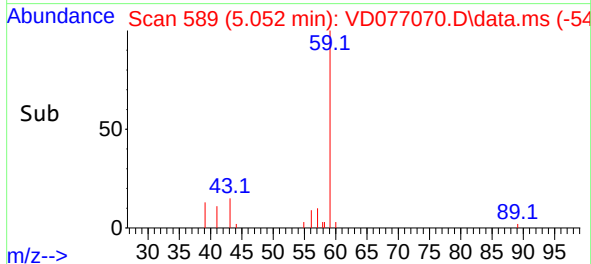
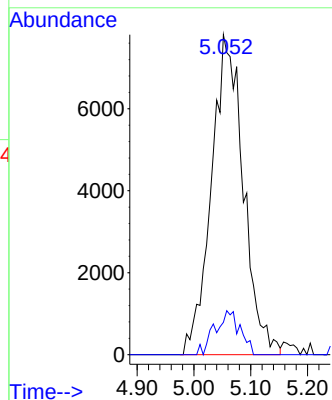
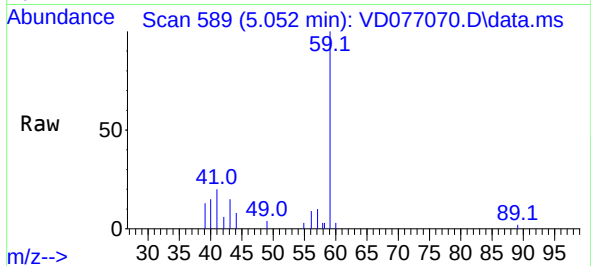




#11
Tert butyl alcohol
Concen: 287.464 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.011 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

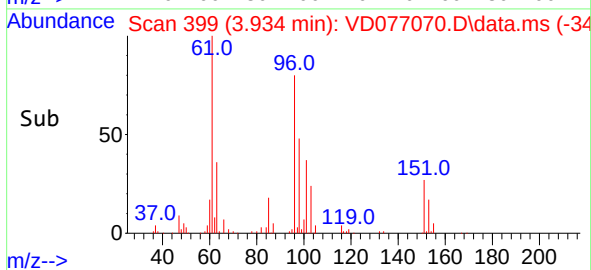
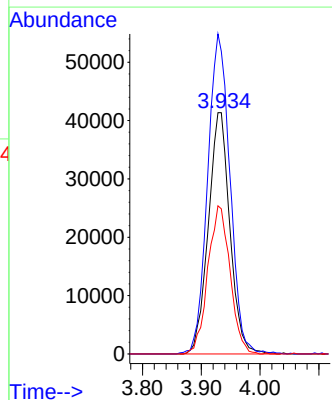
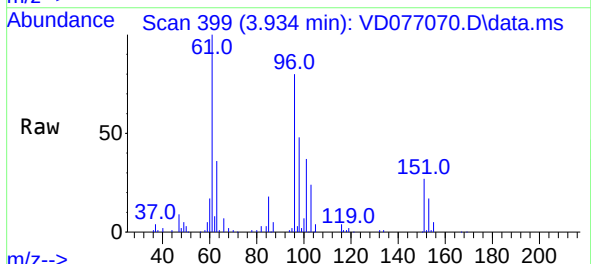
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

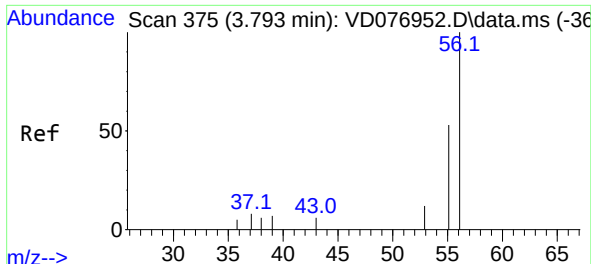
Tgt Ion: 59 Resp: 30484
Ion Ratio Lower Upper
59 100
57 8.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 54.904 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 96 Resp: 105586
Ion Ratio Lower Upper
96 100
61 125.0 100.6 150.8
98 60.1 50.2 75.2

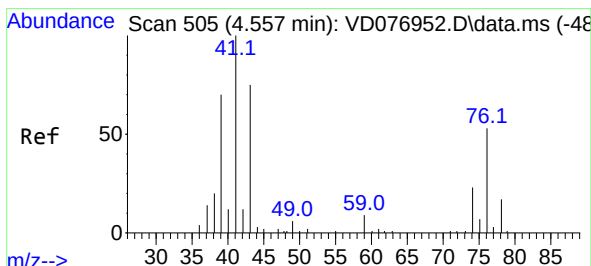
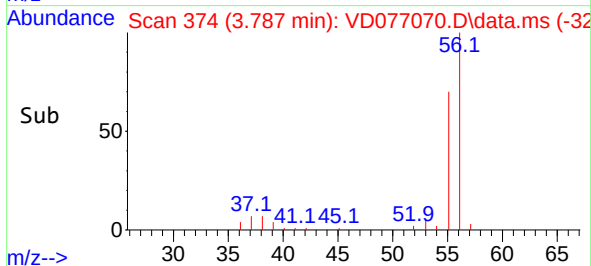
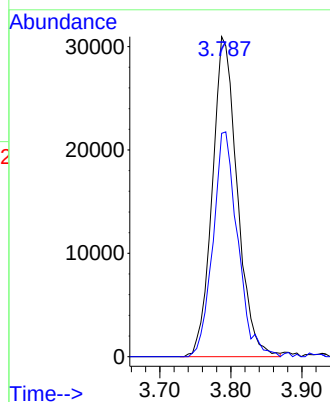
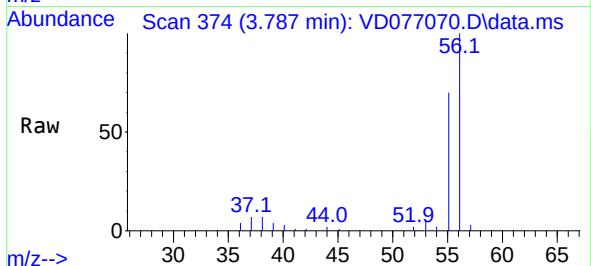




#13
Acrolein
Concen: 332.549 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

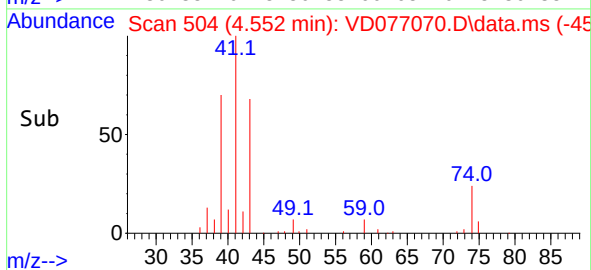
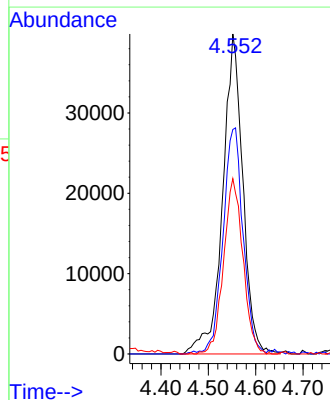
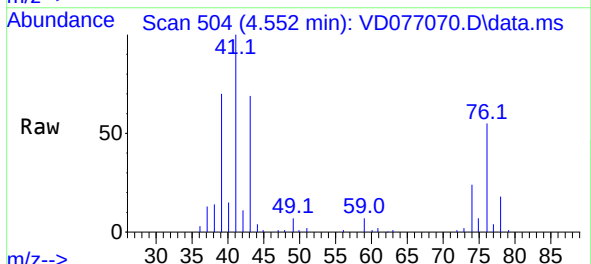
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

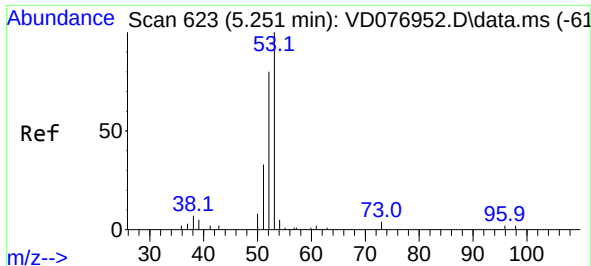
Tgt Ion: 56 Resp: 75532
Ion Ratio Lower Upper
56 100
55 69.5 55.1 82.7



#14
Allyl chloride
Concen: 55.532 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 41 Resp: 117812
Ion Ratio Lower Upper
41 100
39 70.6 53.8 80.6
76 52.5 45.8 68.8

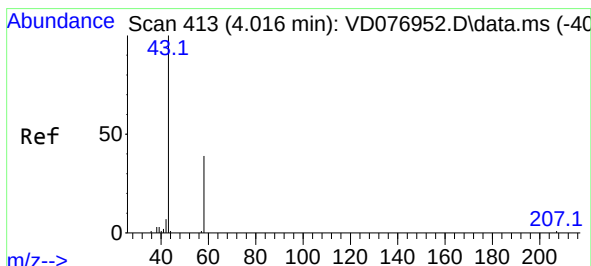
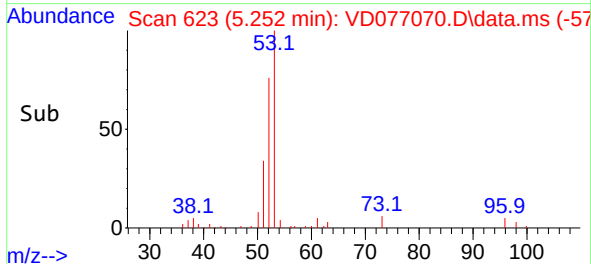
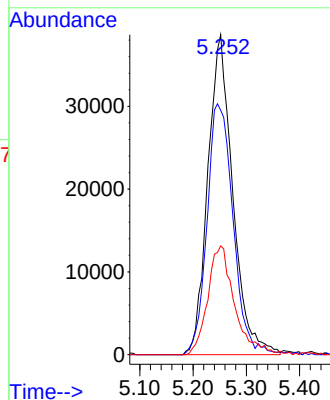
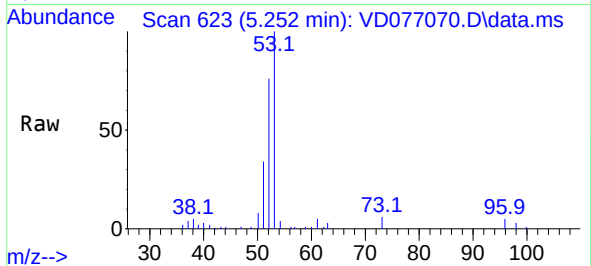




#15
Acrylonitrile
Concen: 311.844 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

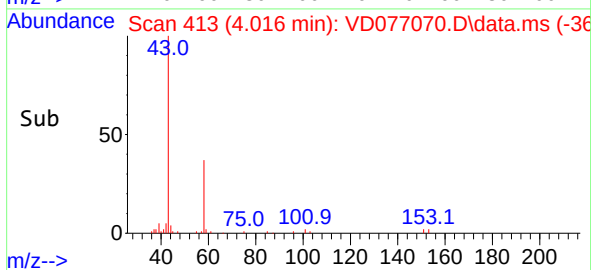
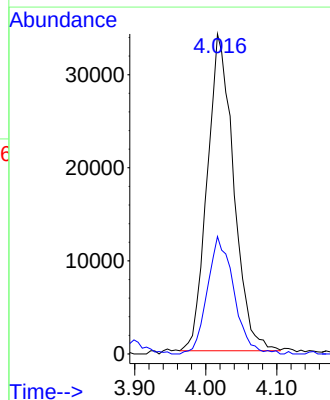
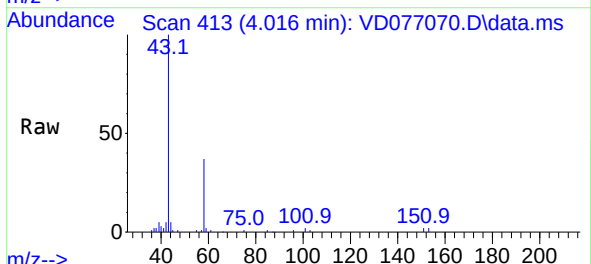
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

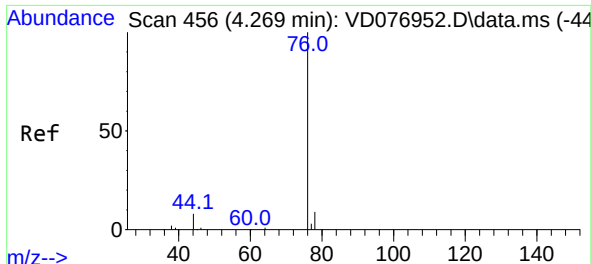
Tgt Ion: 53 Resp: 125429
Ion Ratio Lower Upper
53 100
52 82.5 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 218.702 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 43 Resp: 88106
Ion Ratio Lower Upper
43 100
58 37.0 34.7 52.1

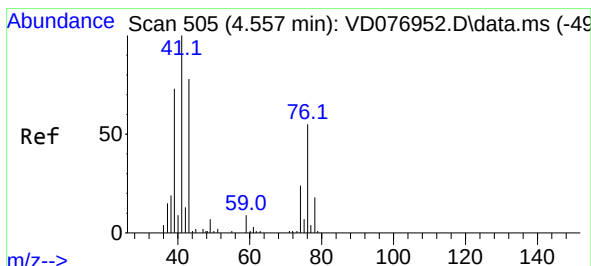
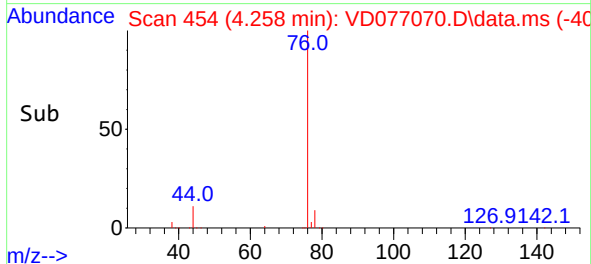
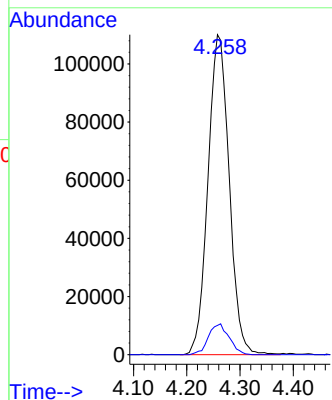
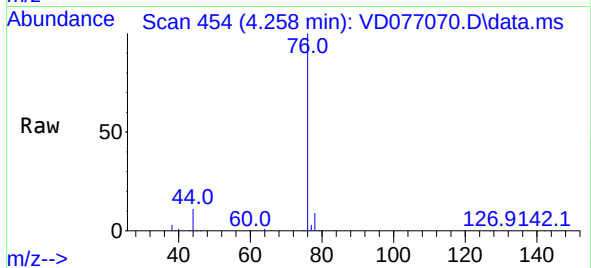




#17
Carbon Disulfide
Concen: 51.895 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.011 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

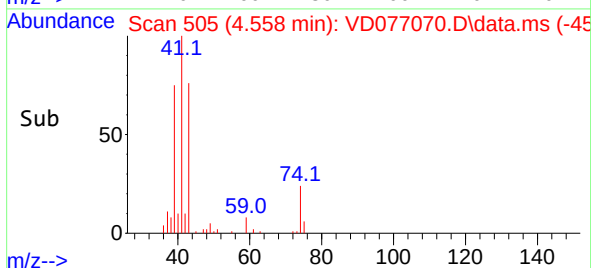
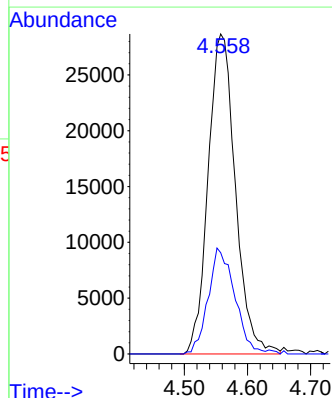
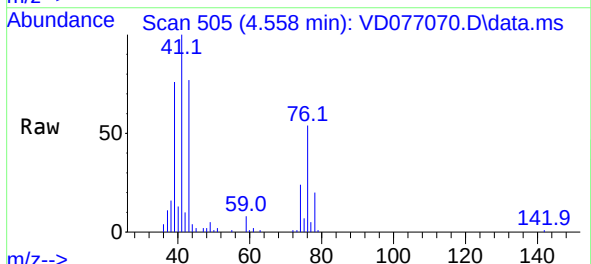
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

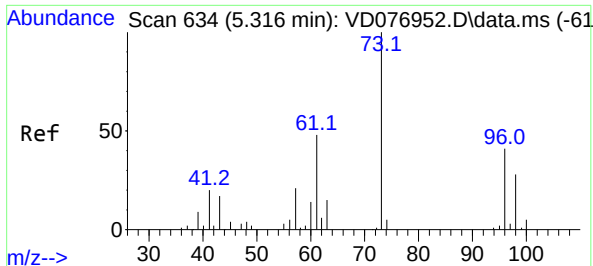
Tgt Ion: 76 Resp: 304573
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 63.061 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 43 Resp: 85958
Ion Ratio Lower Upper
43 100
74 32.2 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 63.407 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

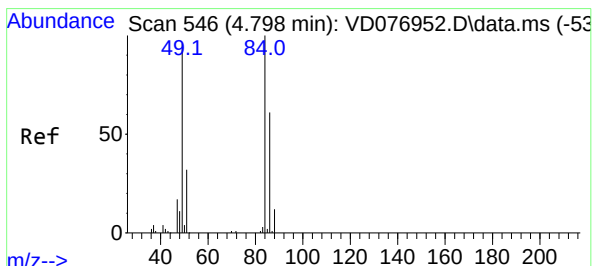
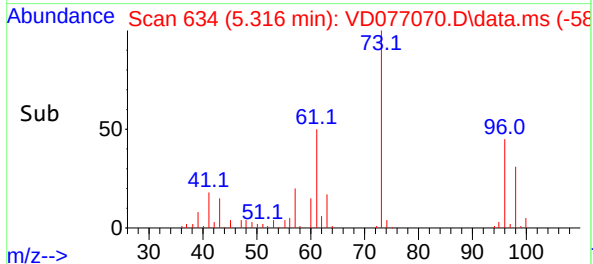
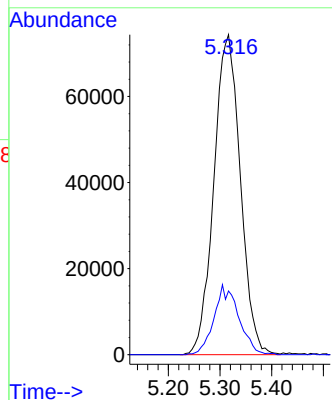
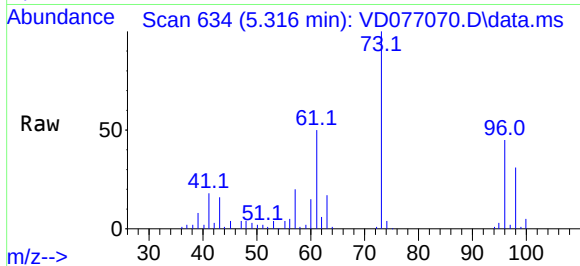
VSTDCCC050EC

Tgt Ion: 73 Resp: 264461

Ion Ratio Lower Upper

73 100

57 19.9 16.6 25.0



#20

Methylene Chloride

Concen: 64.893 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.005 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Tgt Ion: 84 Resp: 161249

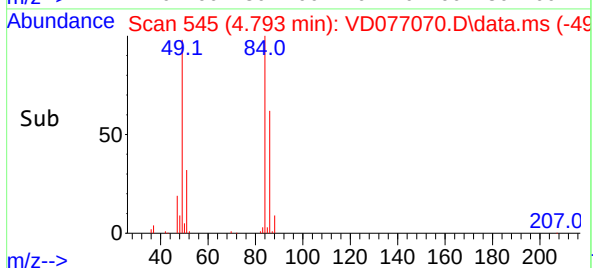
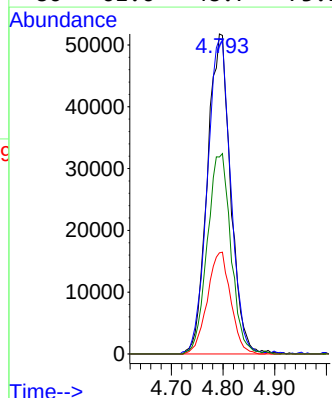
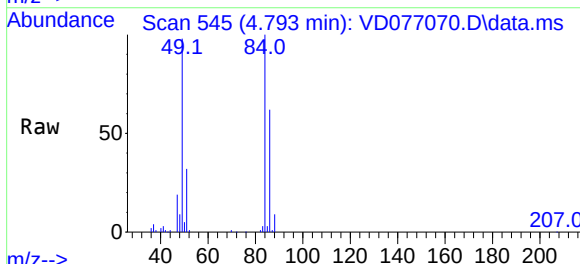
Ion Ratio Lower Upper

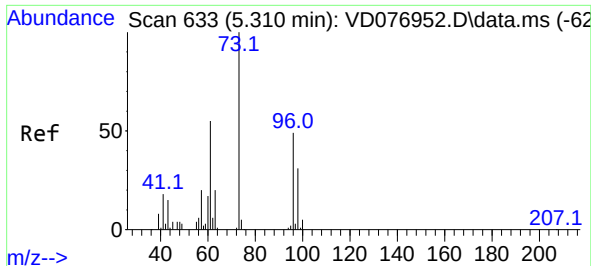
84 100

49 98.4 71.4 107.2

51 31.6 24.5 36.7

86 61.6 48.7 73.1

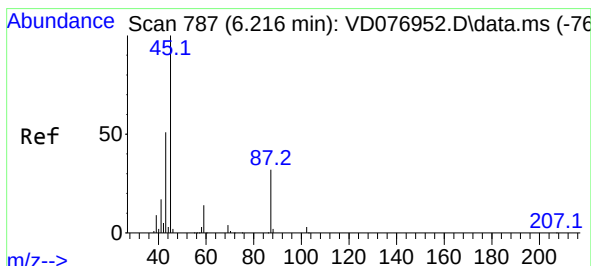
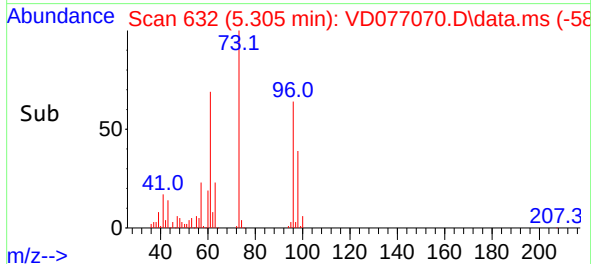
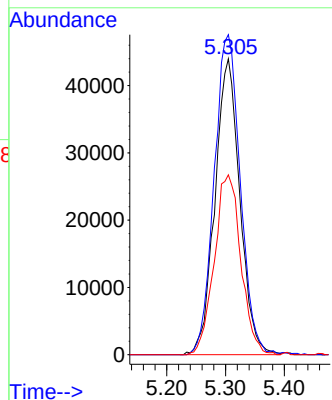
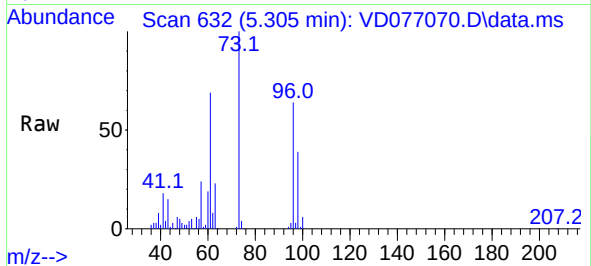




#21
trans-1,2-Dichloroethene
Concen: 57.189 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

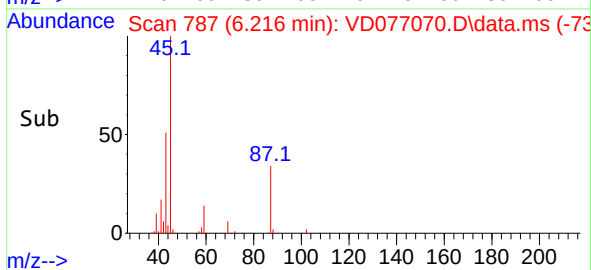
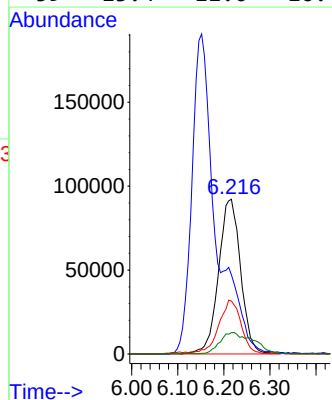
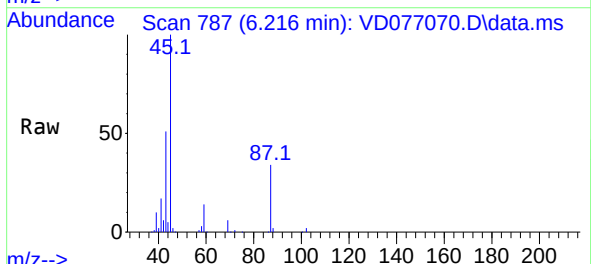
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

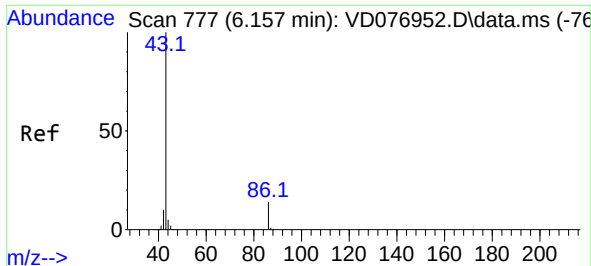
Tgt Ion: 96 Resp: 129548
Ion Ratio Lower Upper
96 100
61 108.2 89.3 133.9
98 60.8 48.6 73.0



#22
Diisopropyl ether
Concen: 64.514 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 45 Resp: 306601
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 34.1 28.2 42.4
59 13.4 11.0 16.4

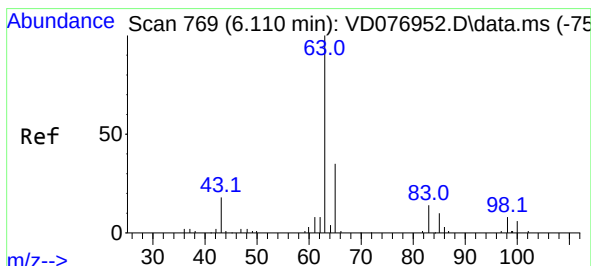
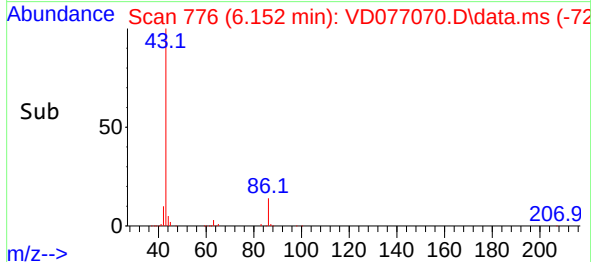
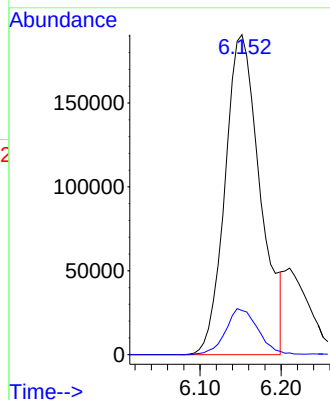
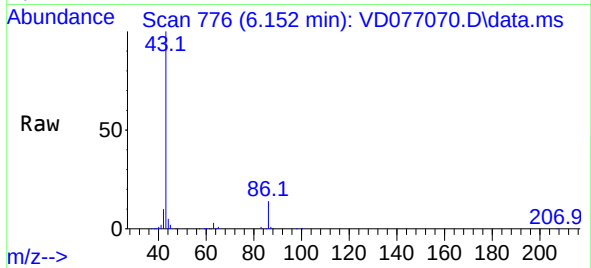




#23
 Vinyl Acetate
 Concen: 254.965 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.005 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

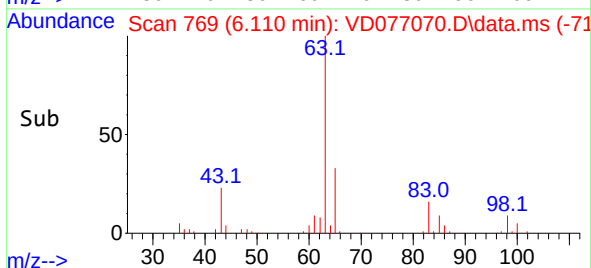
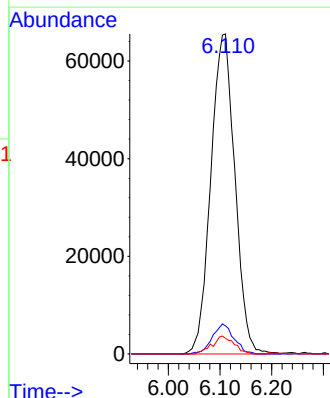
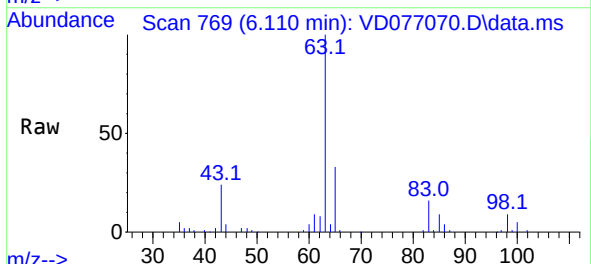
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

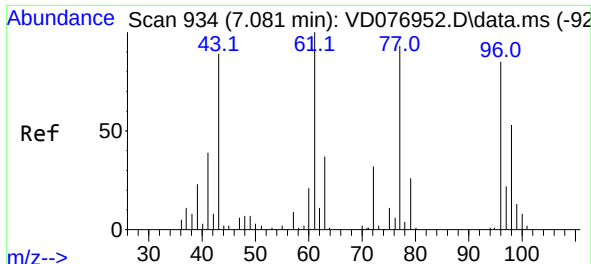
Tgt Ion: 43 Resp: 574763
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 59.397 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

Tgt Ion: 63 Resp: 211917
 Ion Ratio Lower Upper
 63 100
 98 8.7 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 279.612 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

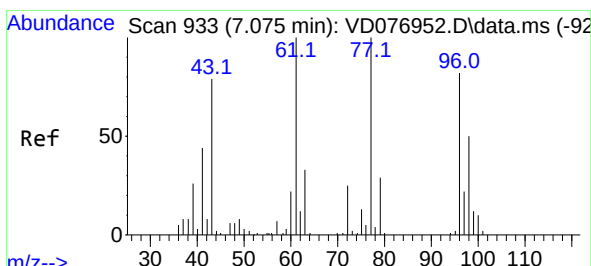
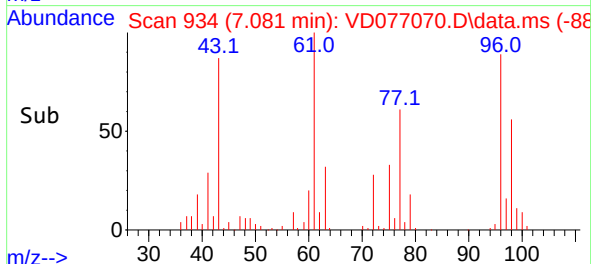
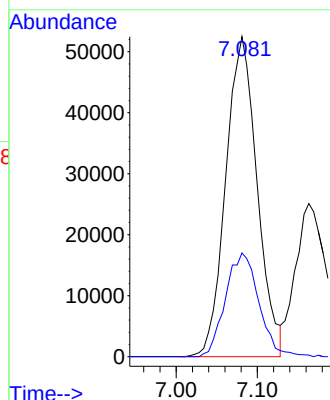
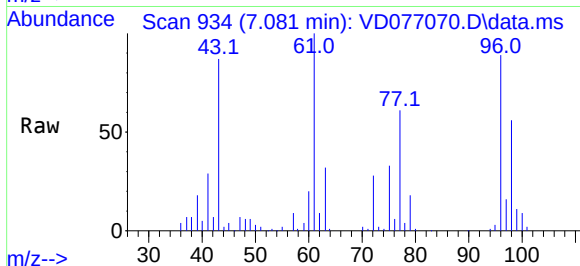
VSTDCCC050EC

Tgt Ion: 43 Resp: 141141

Ion Ratio Lower Upper

43 100

72 32.4 30.7 46.1



#26

2,2-Dichloropropane

Concen: 40.526 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD077070.D

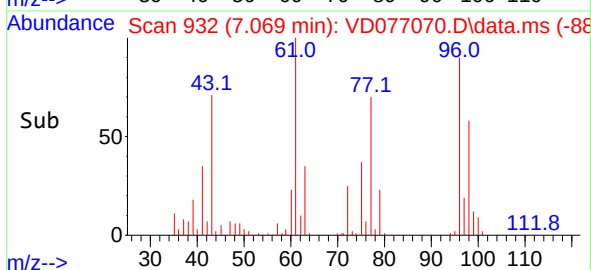
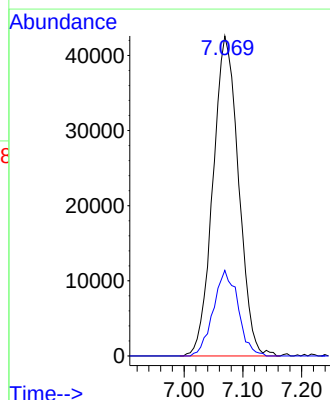
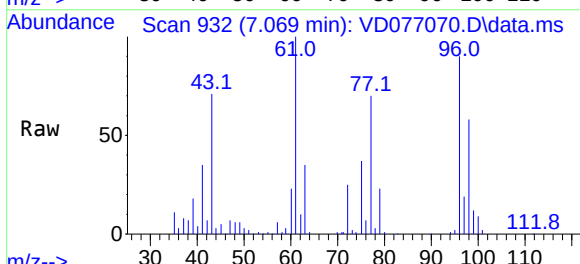
Acq: 29 Aug 2023 19:06

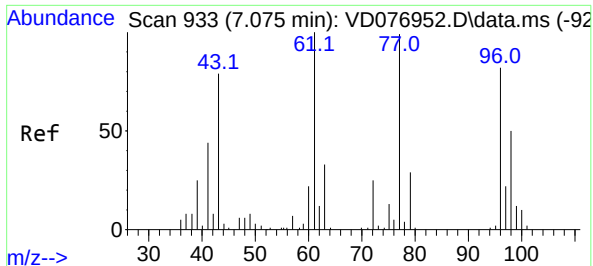
Tgt Ion: 77 Resp: 128682

Ion Ratio Lower Upper

77 100

97 25.9 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 59.661 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

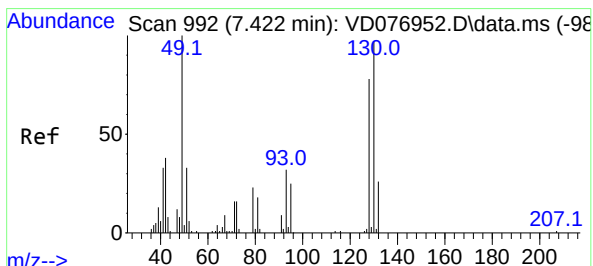
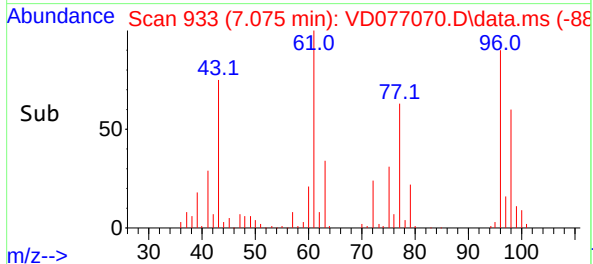
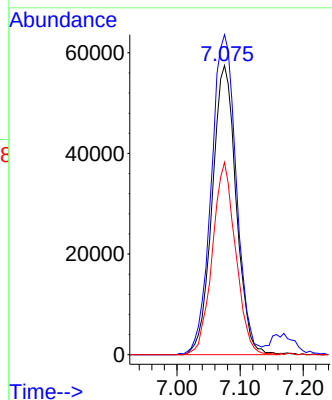
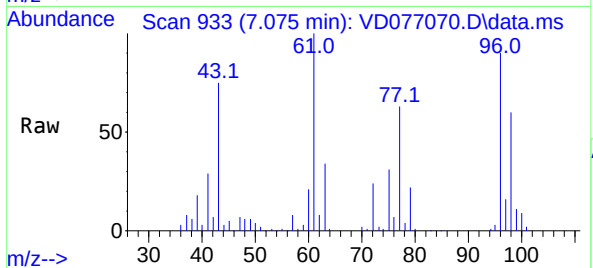
Tgt Ion: 96 Resp: 151830

Ion Ratio Lower Upper

96 100

61 115.3 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 61.393 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

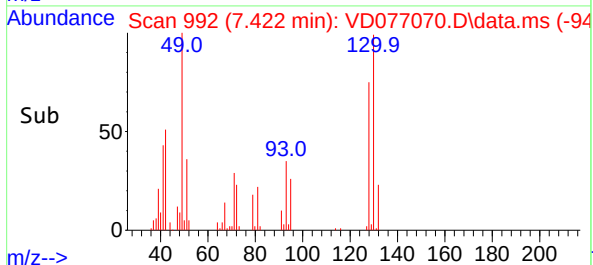
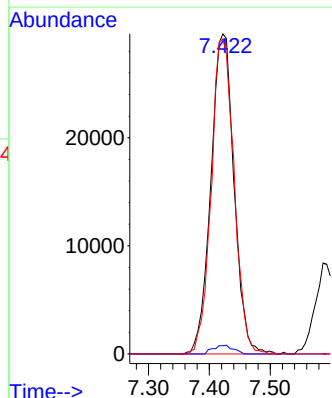
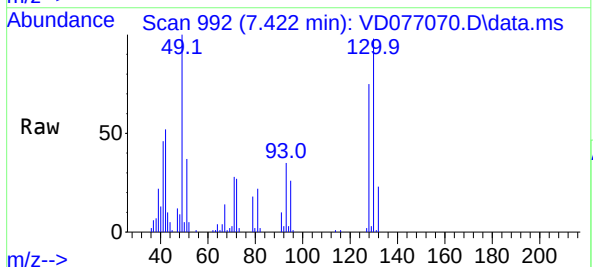
Tgt Ion: 49 Resp: 78240

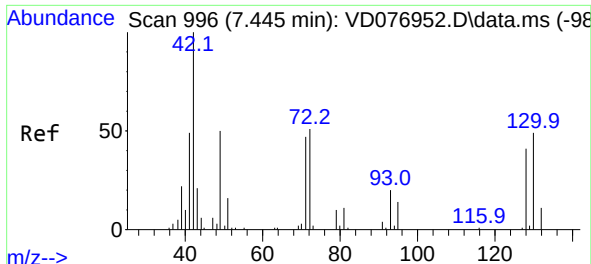
Ion Ratio Lower Upper

49 100

129 2.3 0.0 6.0

130 97.1 83.2 124.8



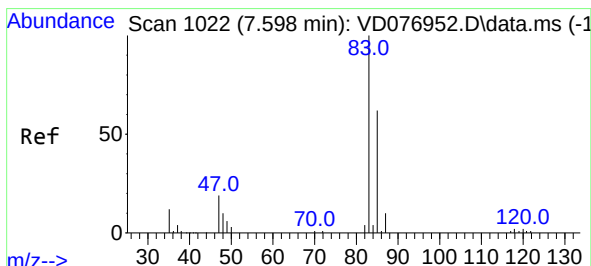
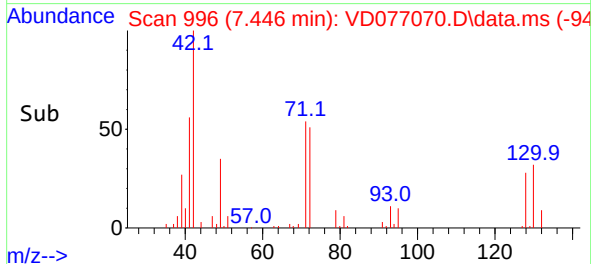
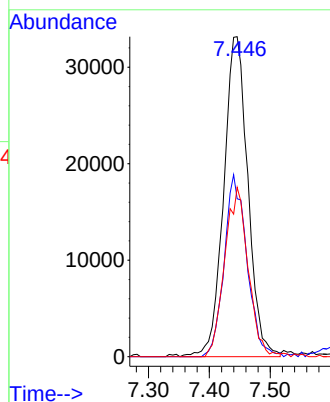
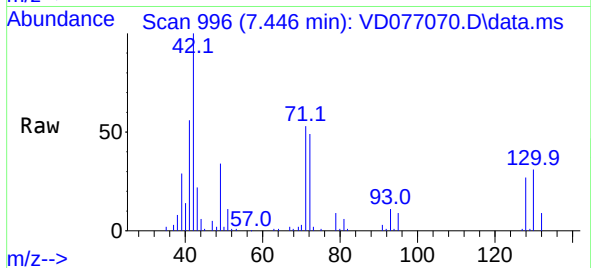


#29
Tetrahydrofuran
Concen: 326.654 ug/l
RT: 7.446 min Scan# 91
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 42 Resp: 91585

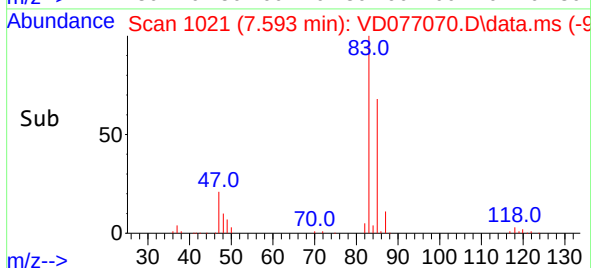
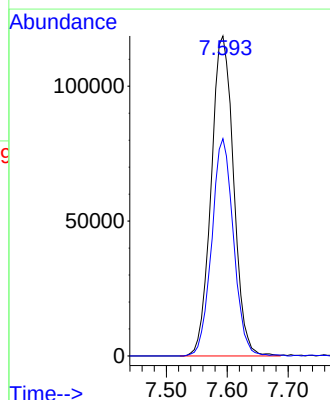
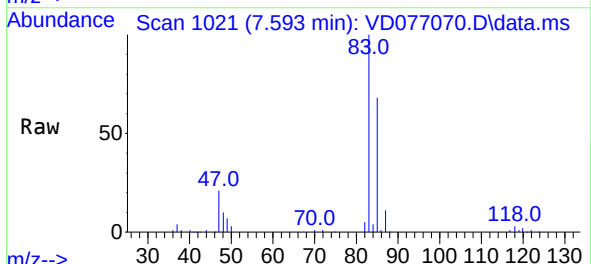
Ion	Ratio	Lower	Upper
42	100		
72	53.3	46.5	69.7
71	51.4	44.5	66.7

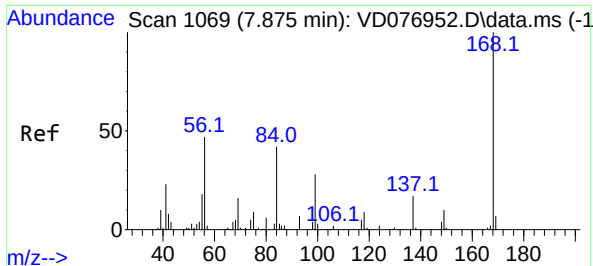


#30
Chloroform
Concen: 75.936 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 83 Resp: 303506

Ion	Ratio	Lower	Upper
83	100		
85	67.9	53.4	80.2





#31

Cyclohexane

Concen: 51.672 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

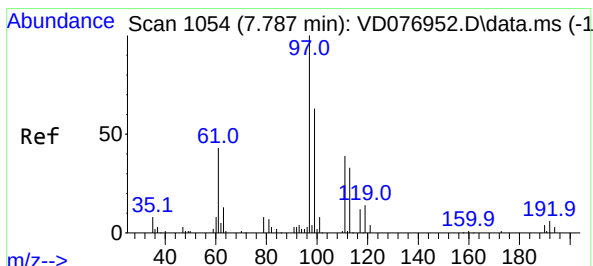
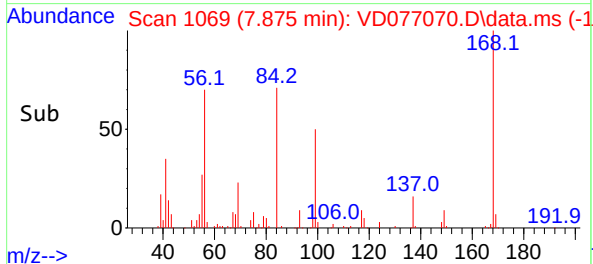
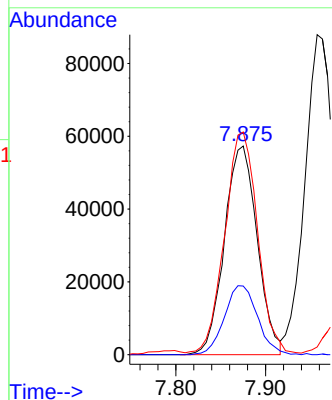
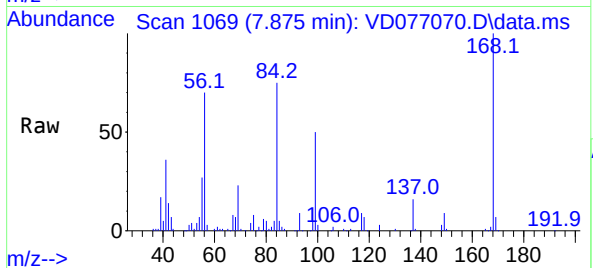
Tgt Ion: 56 Resp: 145906

Ion Ratio Lower Upper

56 100

69 32.9 28.6 43.0

84 105.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 56.921 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

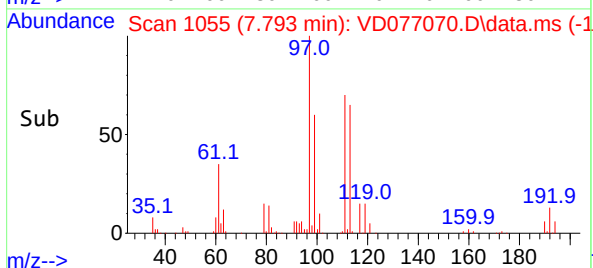
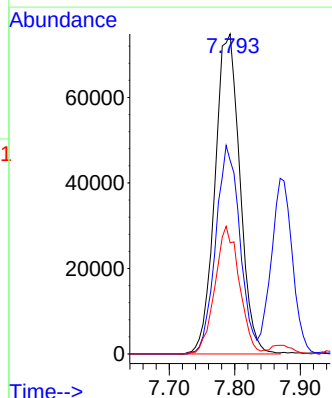
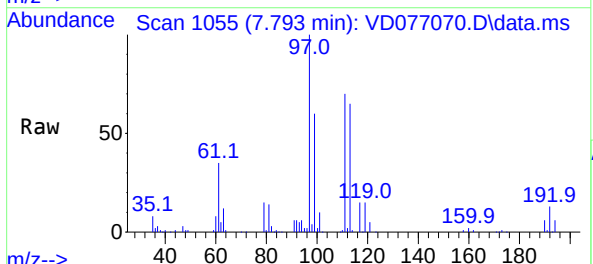
Tgt Ion: 97 Resp: 197459

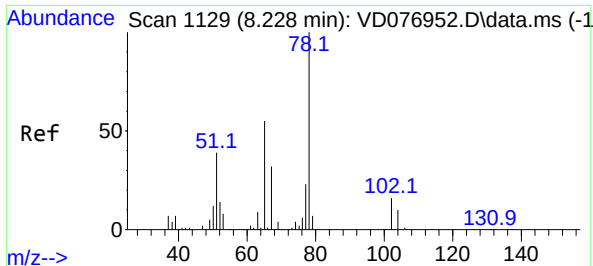
Ion Ratio Lower Upper

97 100

99 63.2 52.0 78.0

61 38.9 33.8 50.8

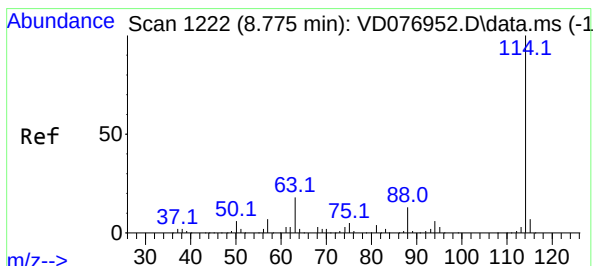
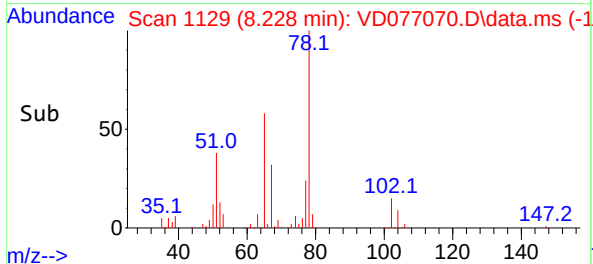
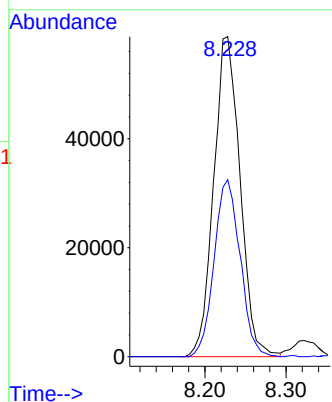
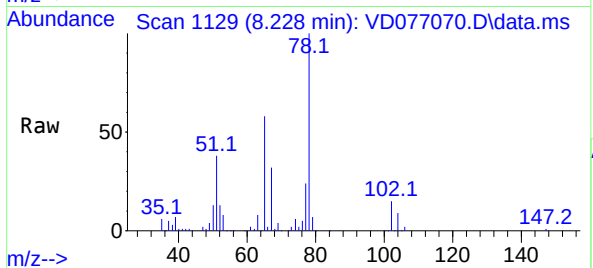




#33
1,2-Dichloroethane-d4
Concen: 75.008 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

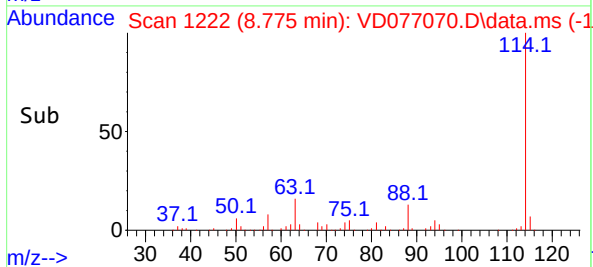
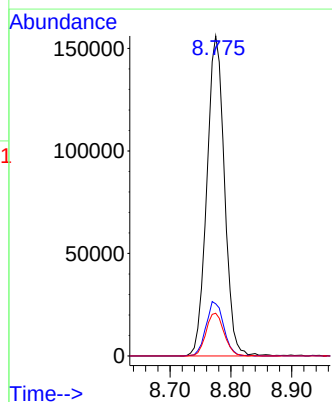
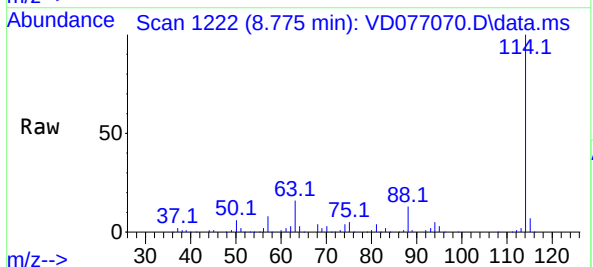
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

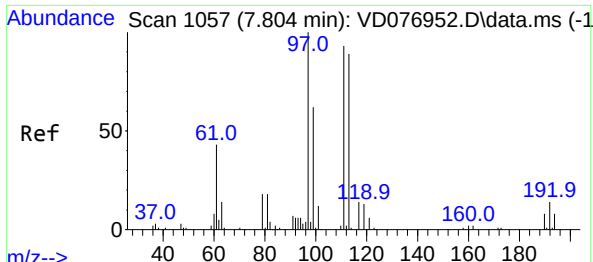
Tgt Ion: 65 Resp: 132571
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

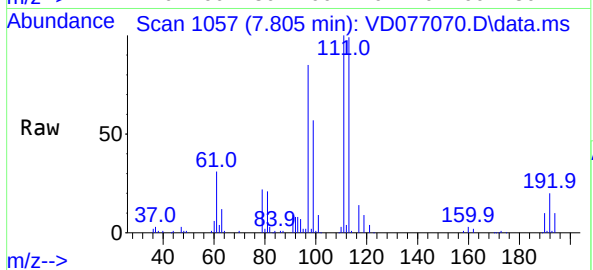
Tgt Ion:114 Resp: 313794
Ion Ratio Lower Upper
114 100
63 16.3 0.0 33.4
88 13.4 0.0 26.2



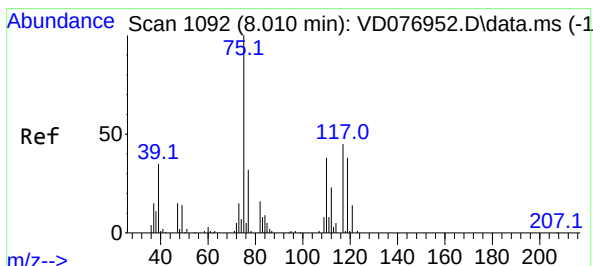
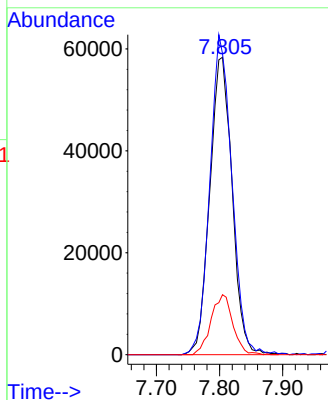
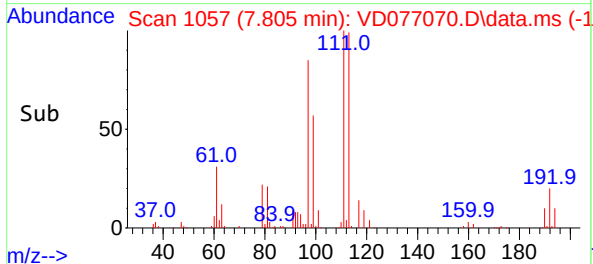


#35
Dibromofluoromethane
Concen: 68.477 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

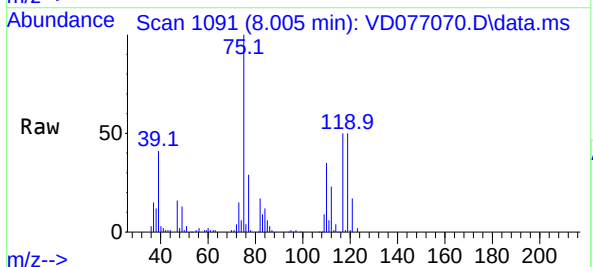
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



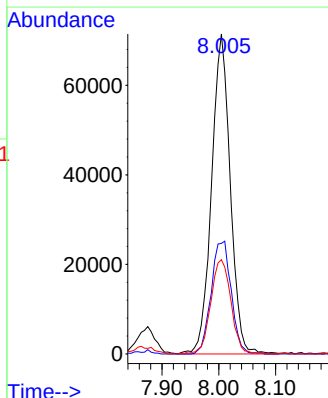
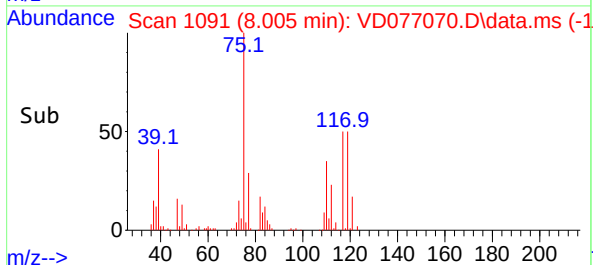
Tgt Ion:113 Resp: 143552
Ion Ratio Lower Upper
113 100
111 106.1 84.7 127.1
192 19.7 16.8 25.2

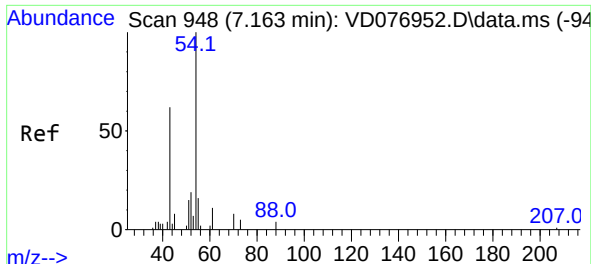


#36
1,1-Dichloropropene
Concen: 54.643 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06



Tgt Ion: 75 Resp: 163183
Ion Ratio Lower Upper
75 100
110 37.9 19.9 59.6
77 31.9 24.7 37.1

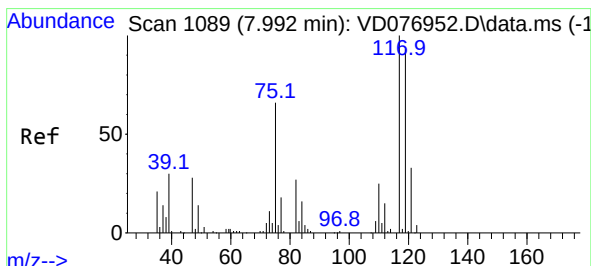
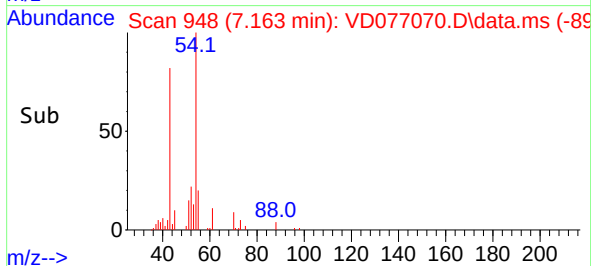
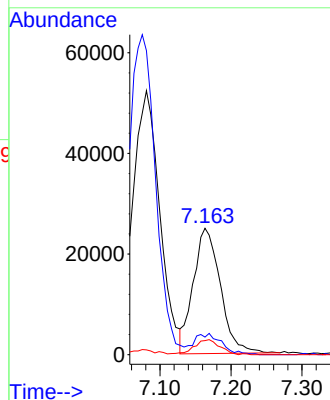
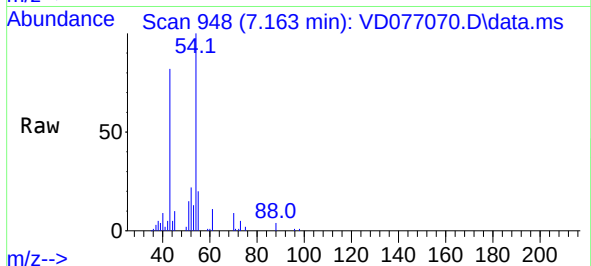




#37
Ethyl Acetate
Concen: 61.415 ug/l
RT: 7.163 min Scan# 94
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

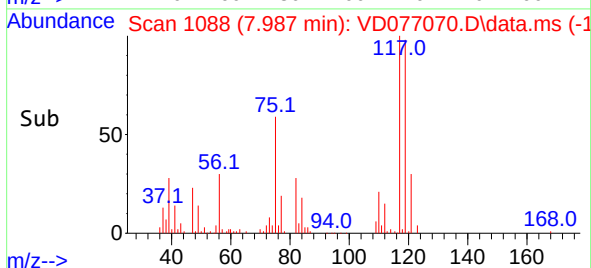
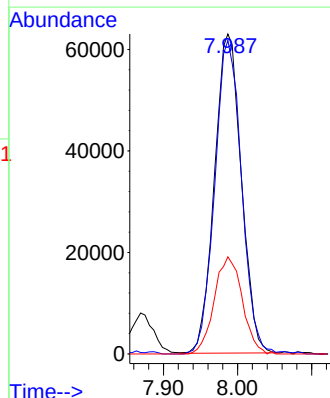
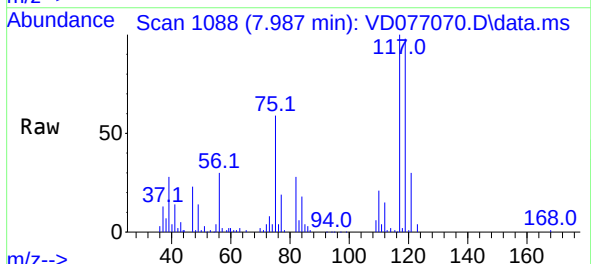
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

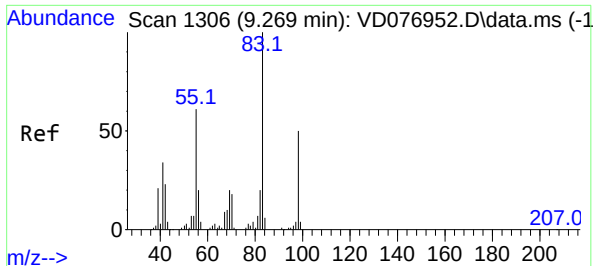
Tgt Ion: 43 Resp: 66148
Ion Ratio Lower Upper
43 100
61 17.3 14.9 22.3
70 11.3 10.0 15.0



#38
Carbon Tetrachloride
Concen: 52.358 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 117 Resp: 158093
Ion Ratio Lower Upper
117 100
119 98.3 78.0 117.0
121 30.5 24.2 36.2





#39

Methylcyclohexane

Concen: 52.612 ug/l

RT: 9.269 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

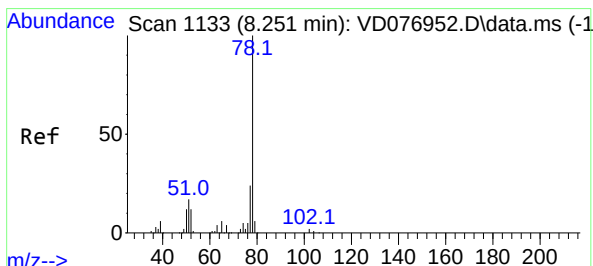
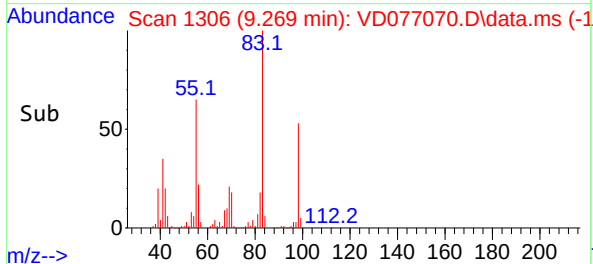
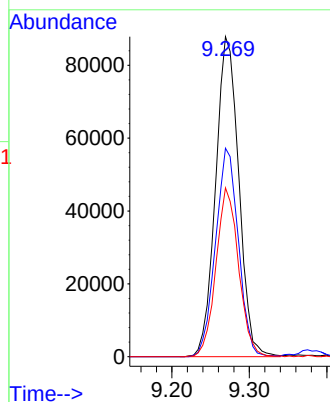
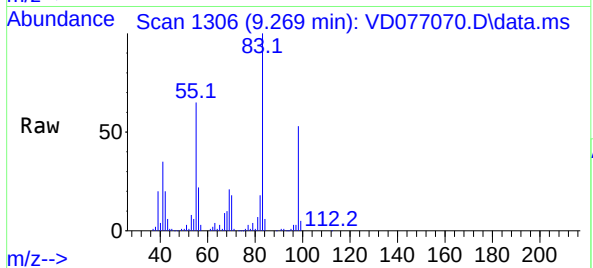
Tgt Ion: 83 Resp: 182651

Ion Ratio Lower Upper

83 100

55 65.2 49.4 74.0

98 52.7 38.4 57.6



#40

Benzene

Concen: 58.071 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.005 min

Lab File: VD077070.D

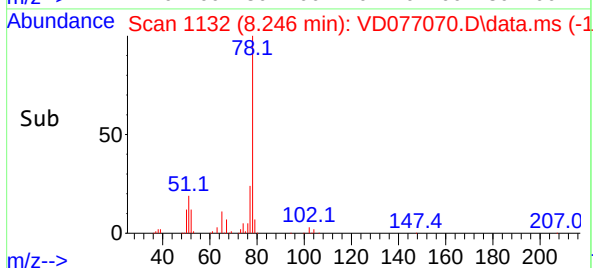
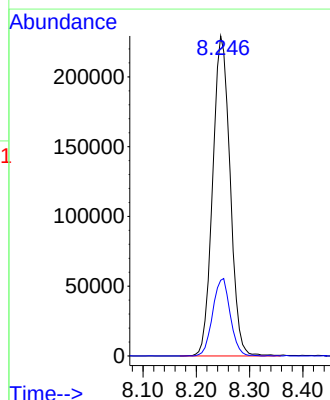
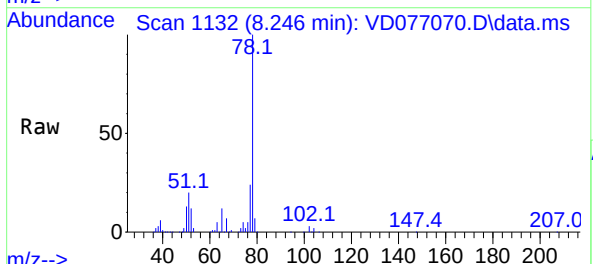
Acq: 29 Aug 2023 19:06

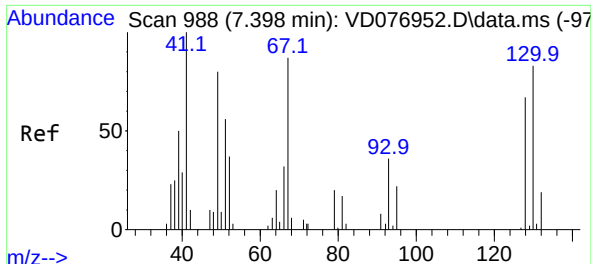
Tgt Ion: 78 Resp: 520770

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0

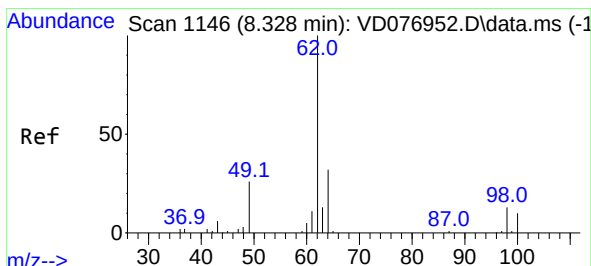
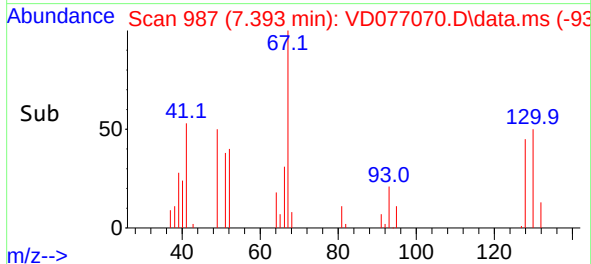
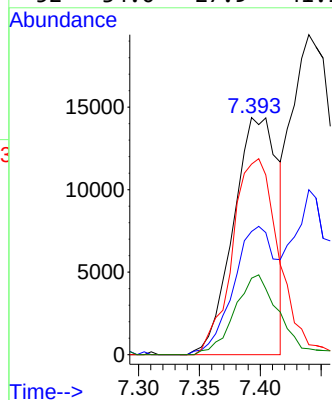
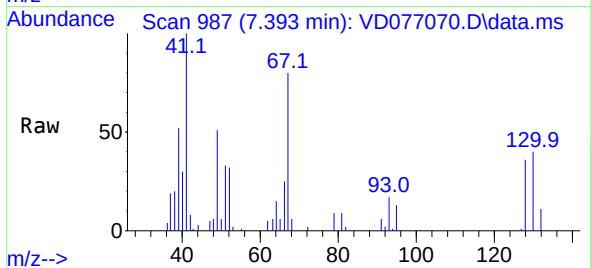




#41
Methacrylonitrile
Concen: 61.477 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

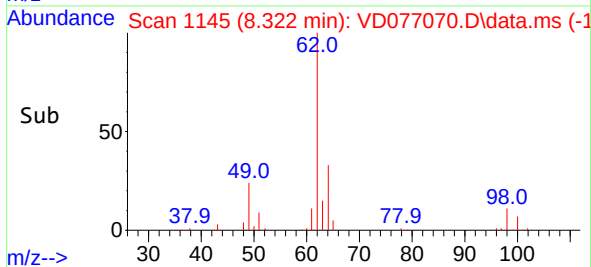
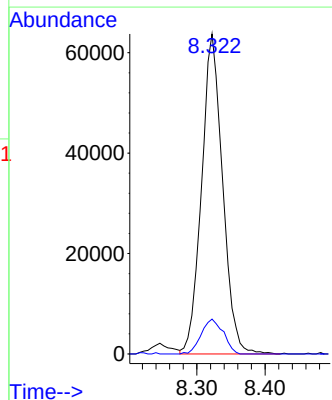
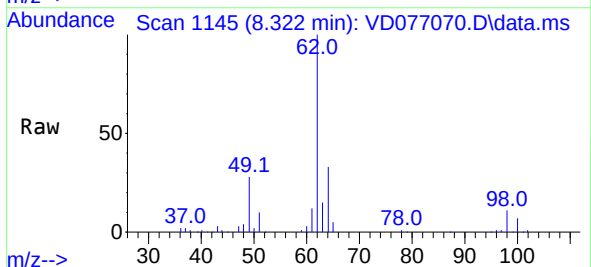
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

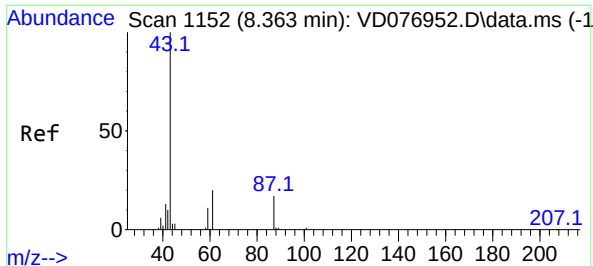
Tgt Ion: 41 Resp: 36513
Ion Ratio Lower Upper
41 100
39 52.3 34.0 51.0#
67 86.4 77.0 115.4
52 34.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 59.081 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 62 Resp: 136919
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4

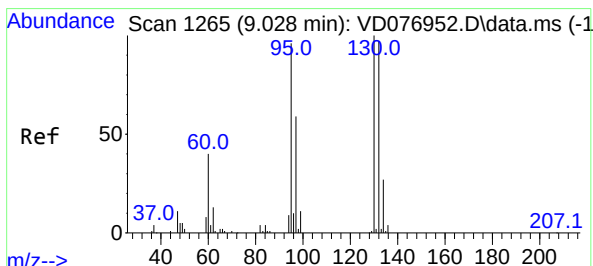
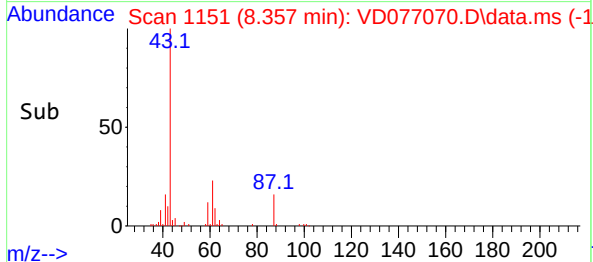
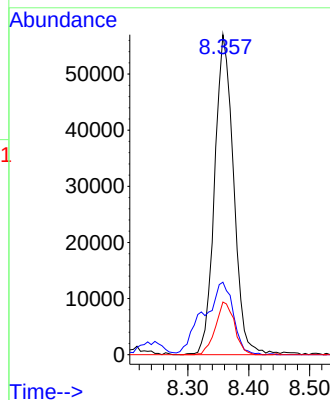
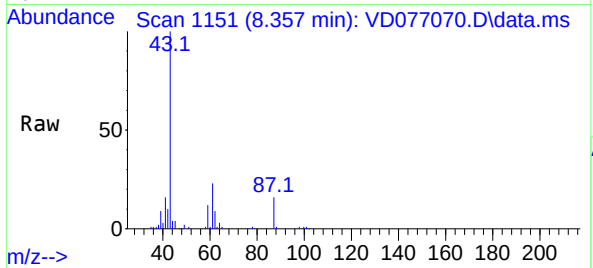




#43
Isopropyl Acetate
Concen: 60.322 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

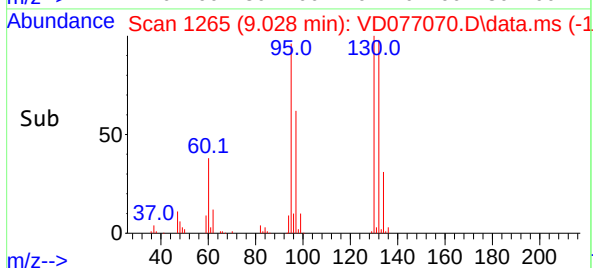
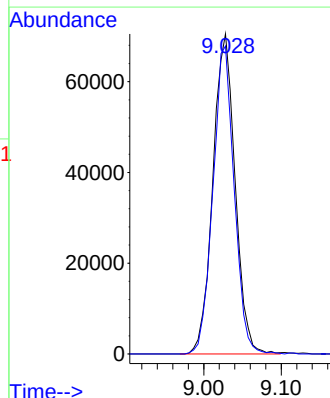
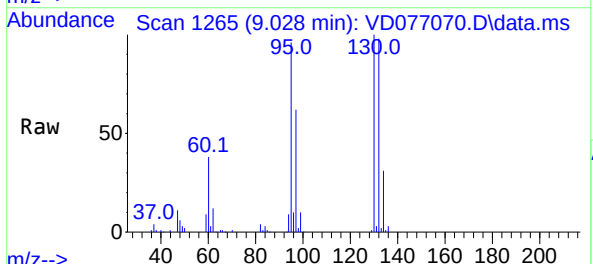
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

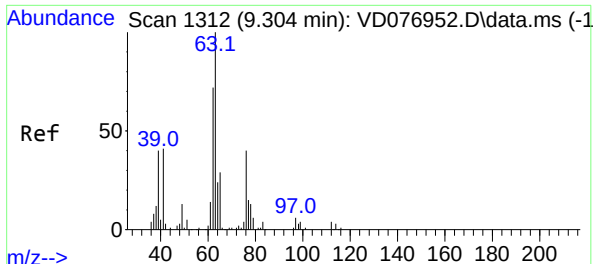
Tgt Ion: 43 Resp: 123447
Ion Ratio Lower Upper
43 100
61 23.3 31.4 47.0#
87 16.5 14.9 22.3



#44
Trichloroethene
Concen: 54.912 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:130 Resp: 140327
Ion Ratio Lower Upper
130 100
95 96.2 0.0 179.2

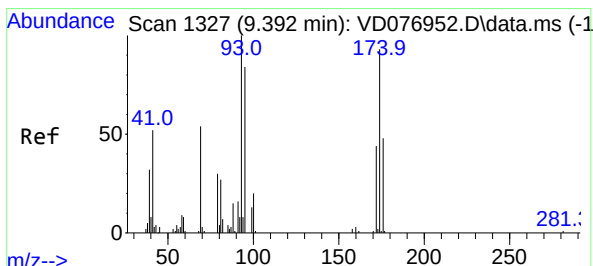
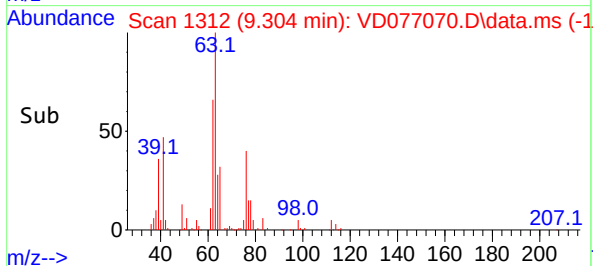
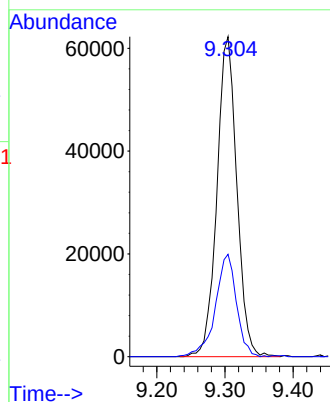
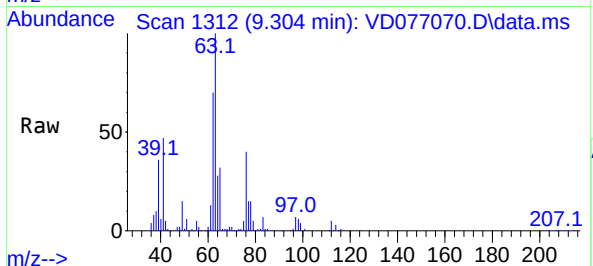




#45
1,2-Dichloropropane
Concen: 59.635 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

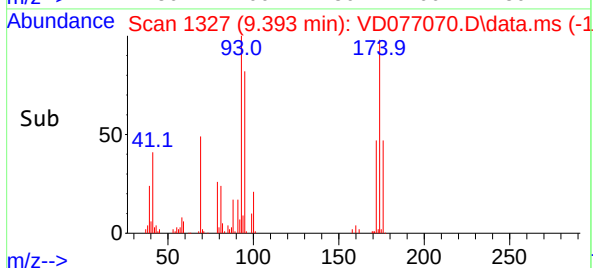
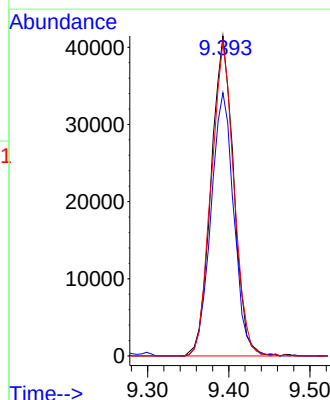
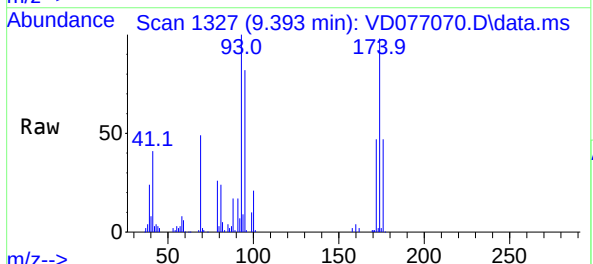
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

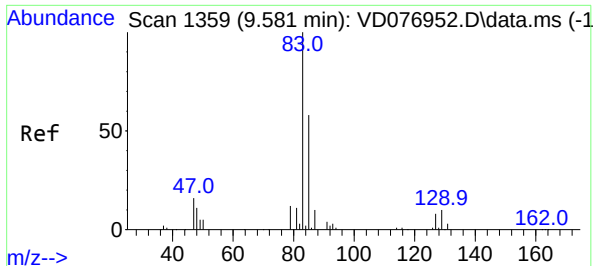
Tgt Ion: 63 Resp: 126516
Ion Ratio Lower Upper
63 100
65 31.7 24.5 36.7



#46
Dibromomethane
Concen: 59.177 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 93 Resp: 79931
Ion Ratio Lower Upper
93 100
95 83.6 67.7 101.5
174 98.8 85.4 128.2

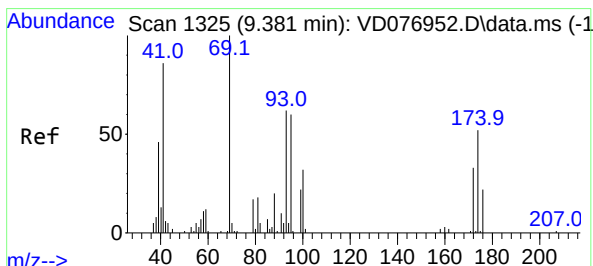
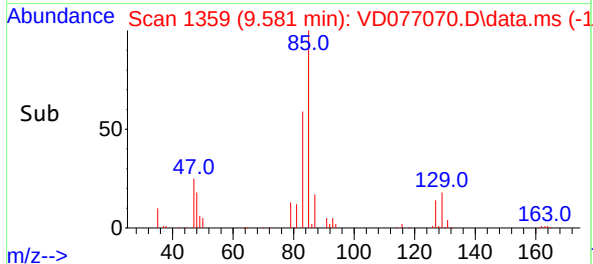
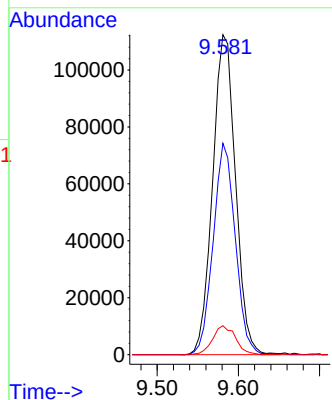
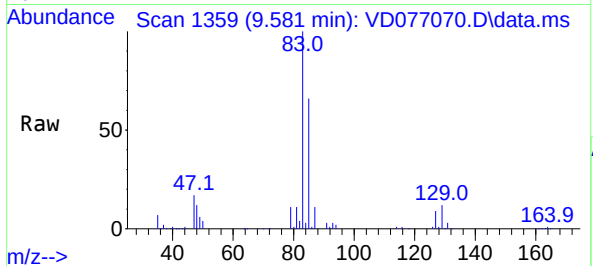




#47
Bromodichloromethane
Concen: 69.865 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

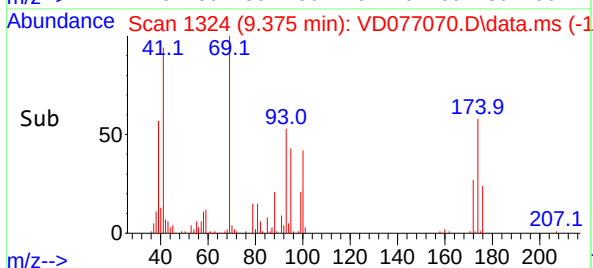
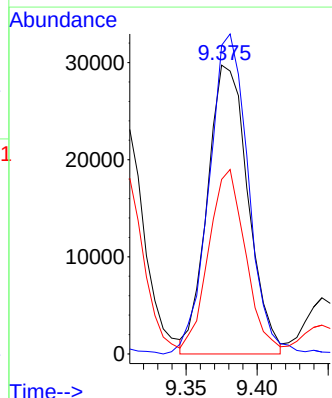
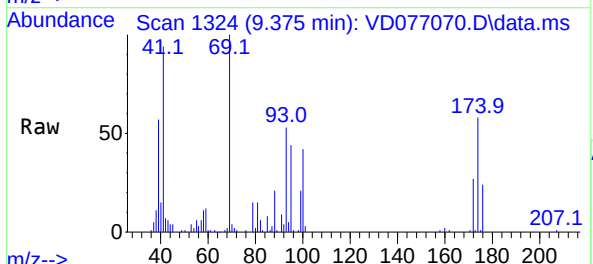
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

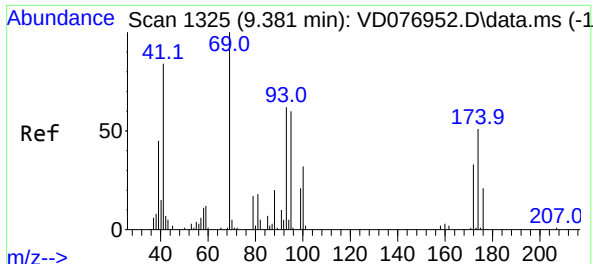
Tgt Ion: 83 Resp: 220299
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.4
127 9.1 6.3 9.5



#48
Methyl methacrylate
Concen: 64.515 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 41 Resp: 59176
Ion Ratio Lower Upper
41 100
69 107.6 102.2 153.2
39 58.7 41.4 62.2

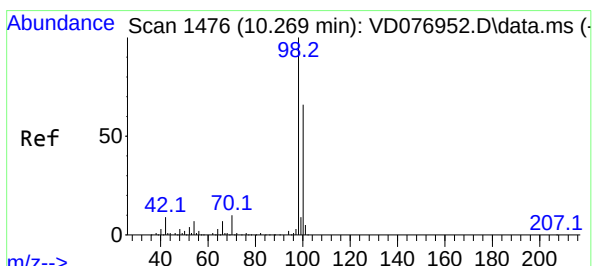
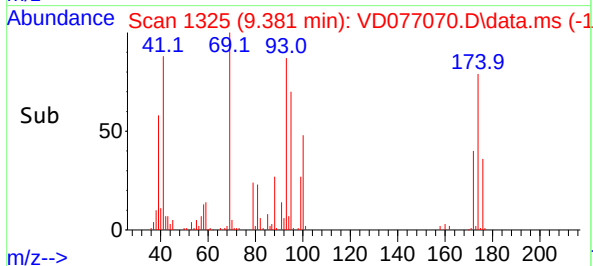
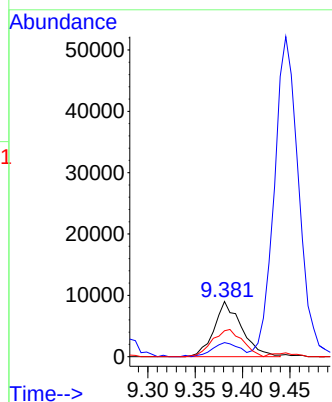
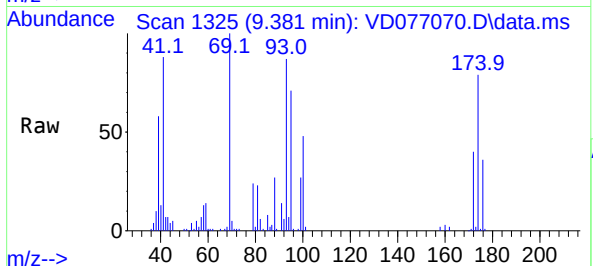




#49
1,4-Dioxane
Concen: 1259.797 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

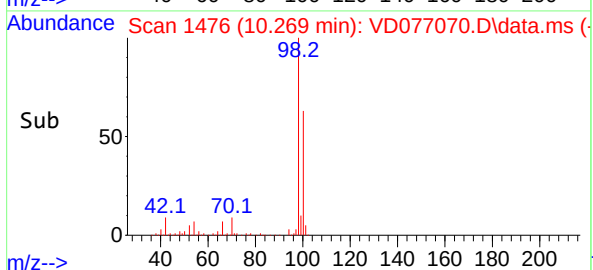
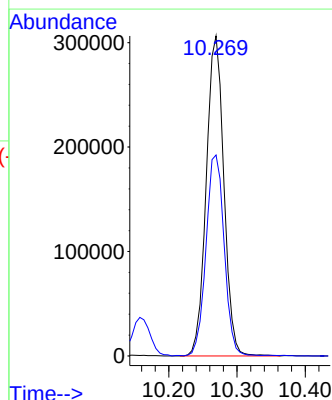
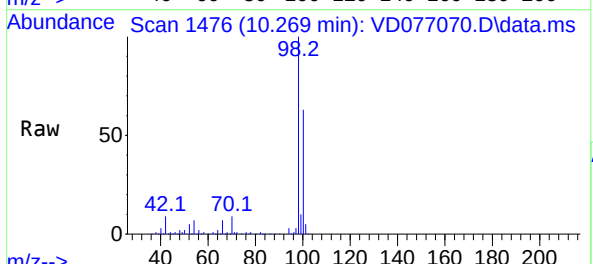
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

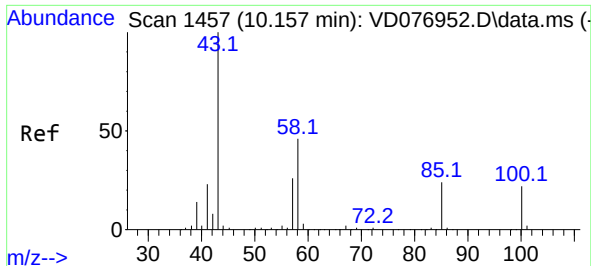
Tgt Ion: 88 Resp: 18229
Ion Ratio Lower Upper
88 100
43 25.2 19.0 28.6
58 53.9 43.5 65.3



#50
Toluene-d8
Concen: 72.559 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 98 Resp: 550292
Ion Ratio Lower Upper
98 100
100 64.5 50.3 75.5

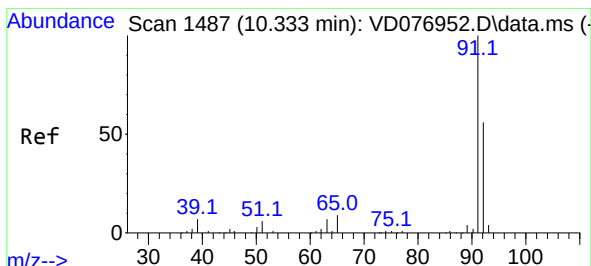
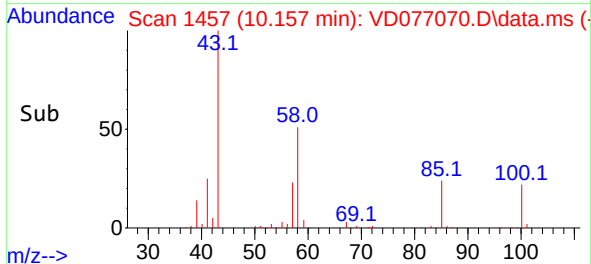
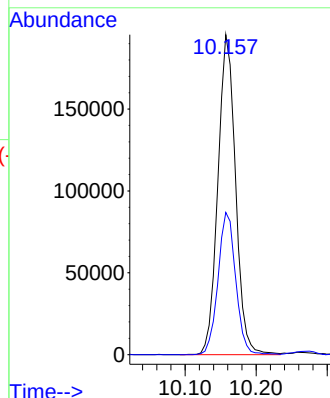
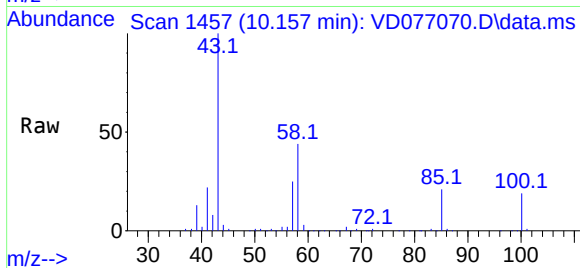




#51
4-Methyl-2-Pentanone
Concen: 319.982 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

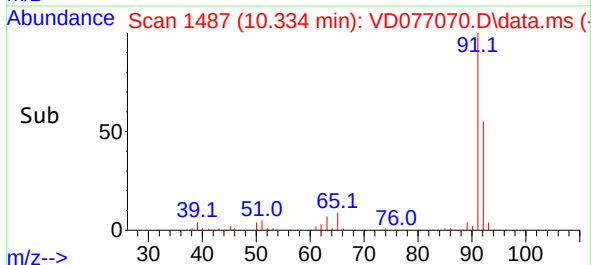
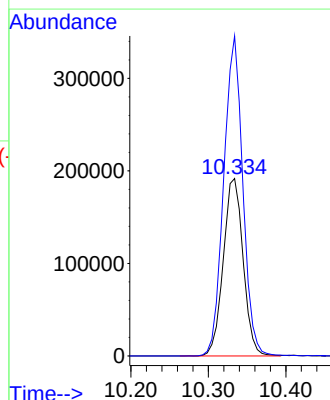
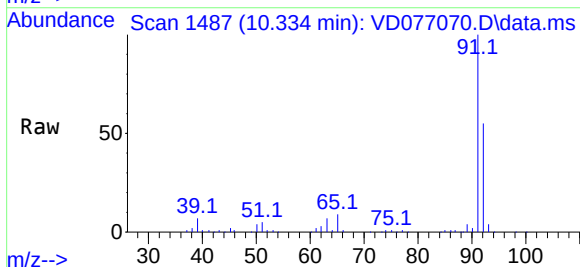
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

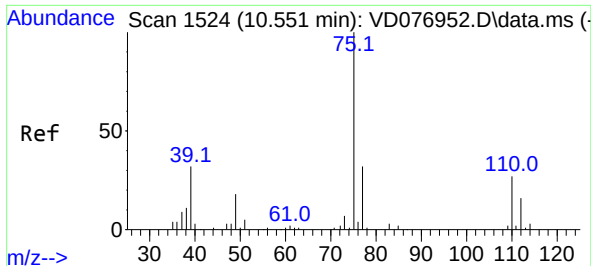
Tgt Ion: 43 Resp: 336862
Ion Ratio Lower Upper
43 100
58 44.5 38.9 58.3



#52
Toluene
Concen: 59.116 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 92 Resp: 341646
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4

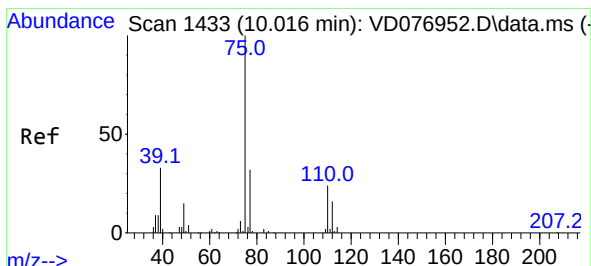
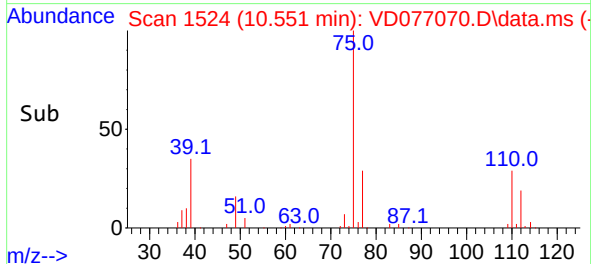
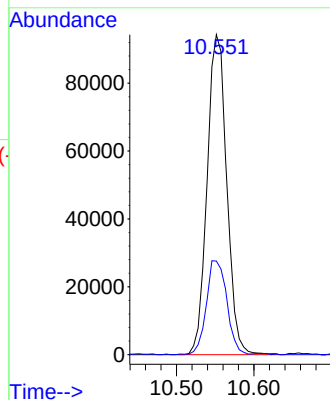
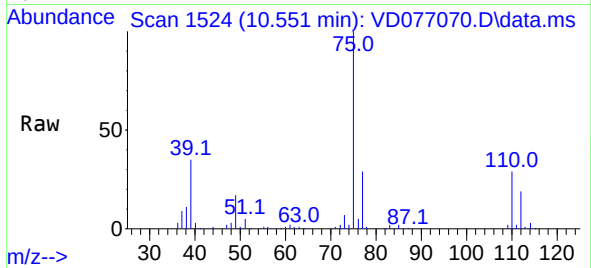




#53
t-1,3-Dichloropropene
Concen: 56.868 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

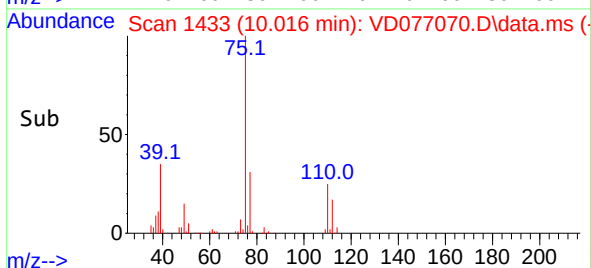
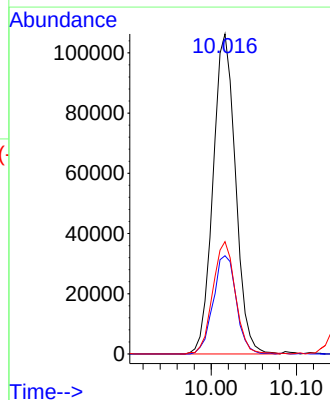
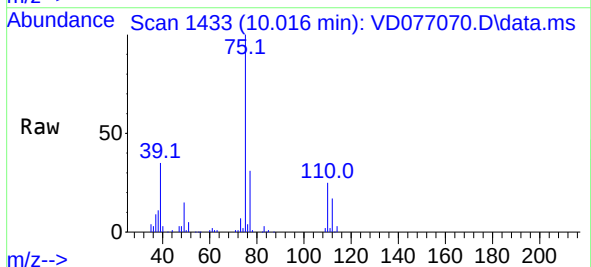
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

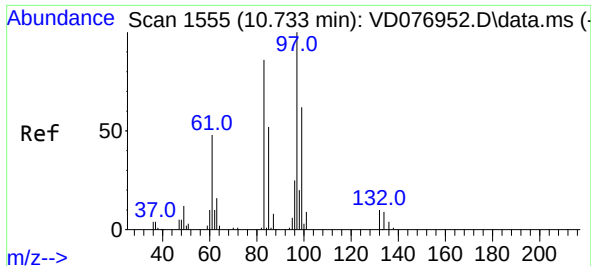
Tgt Ion: 75 Resp: 165836
Ion Ratio Lower Upper
75 100
77 29.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 56.171 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 75 Resp: 194809
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 35.1 22.1 33.1#

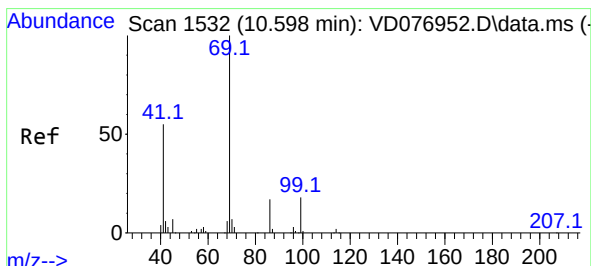
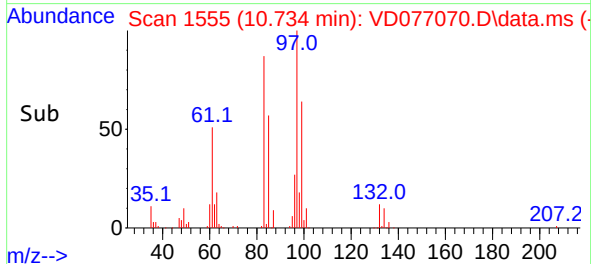
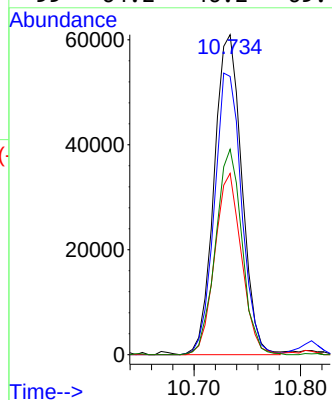
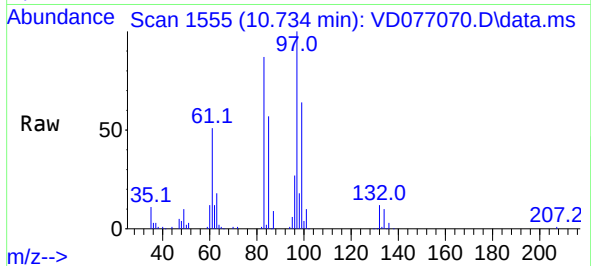




#55
1,1,2-Trichloroethane
Concen: 61.312 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

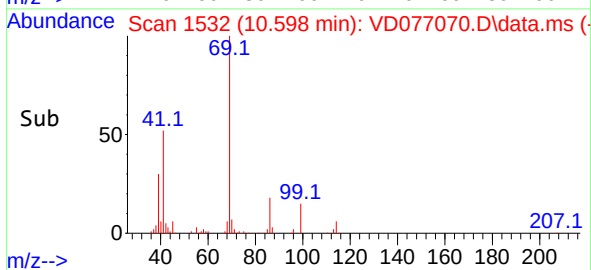
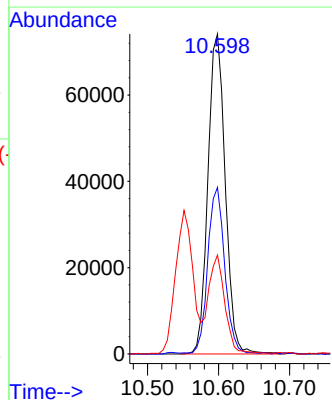
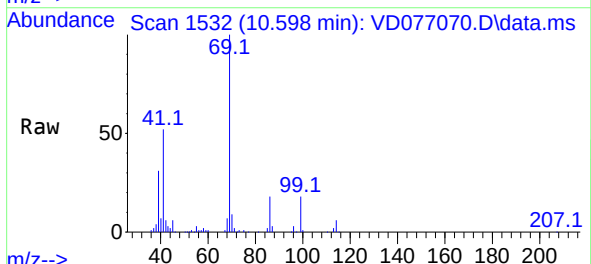
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

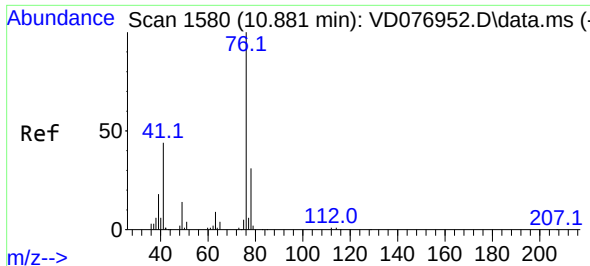
Tgt Ion:	97	Resp:	109926
Ion	Ratio	Lower	Upper
97	100		
83	87.0	65.8	98.6
85	56.6	45.7	68.5
99	64.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 66.492 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:	69	Resp:	125727
Ion	Ratio	Lower	Upper
69	100		
41	50.5	39.1	58.7
39	29.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 62.060 ug/l

RT: 10.875 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

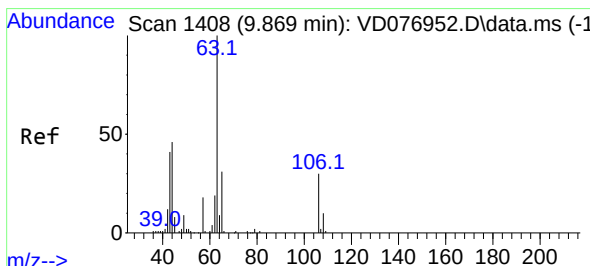
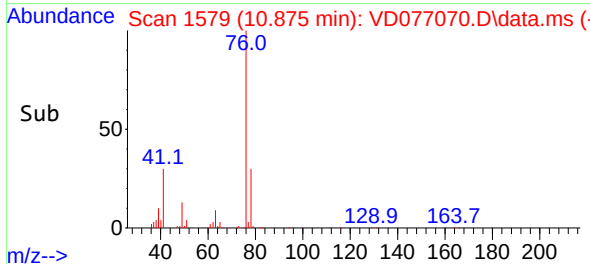
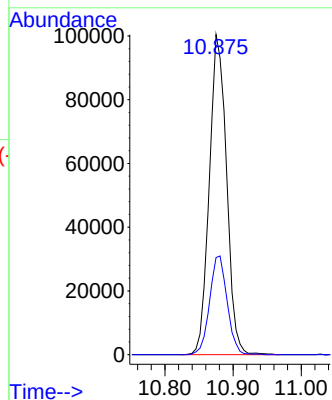
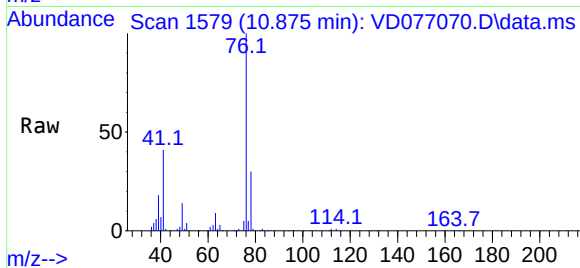
VSTDCCC050EC

Tgt Ion: 76 Resp: 176843

Ion Ratio Lower Upper

76 100

78 31.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 381.980 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077070.D

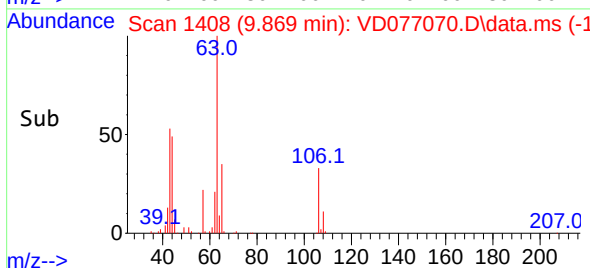
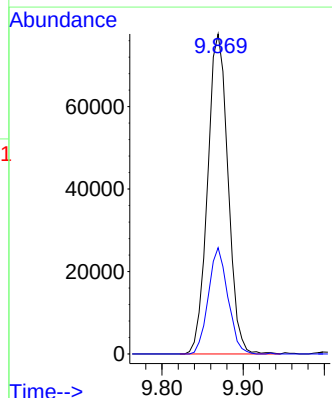
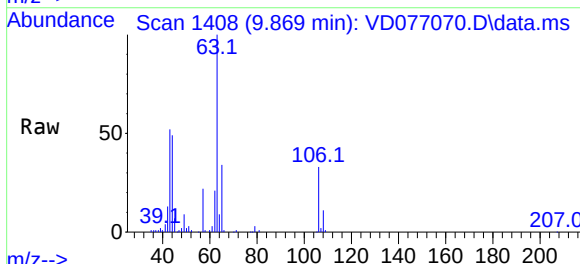
Acq: 29 Aug 2023 19:06

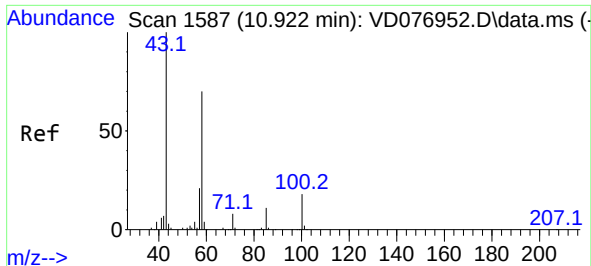
Tgt Ion: 63 Resp: 135356

Ion Ratio Lower Upper

63 100

106 31.7 25.3 37.9

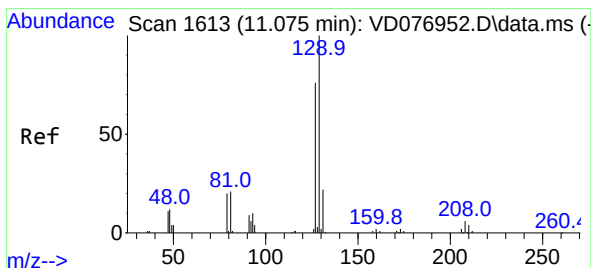
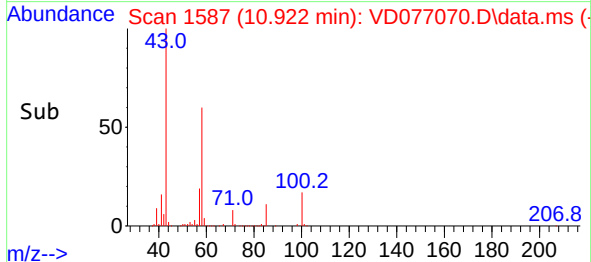
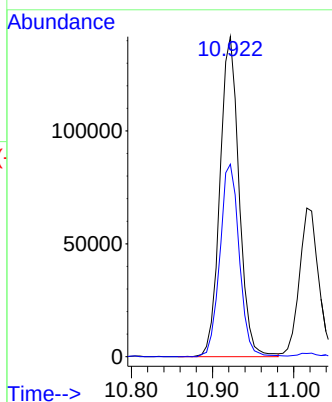
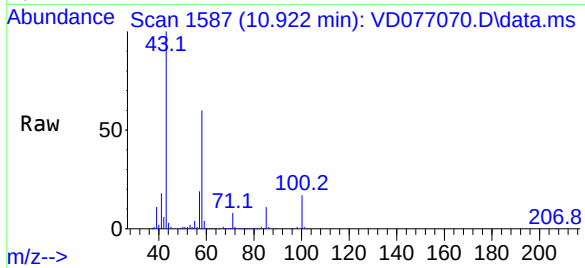




#59
2-Hexanone
Concen: 307.304 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

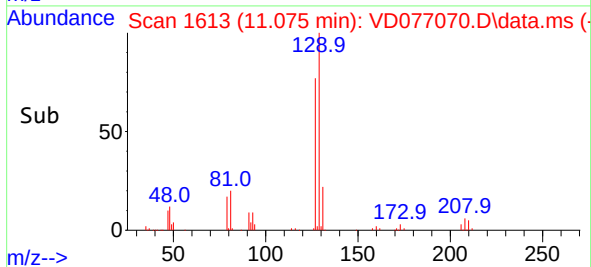
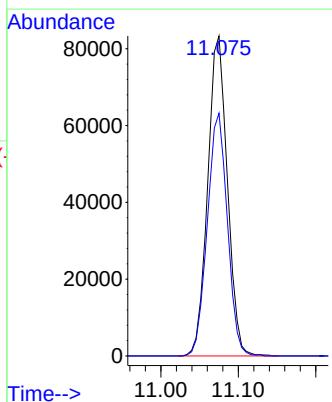
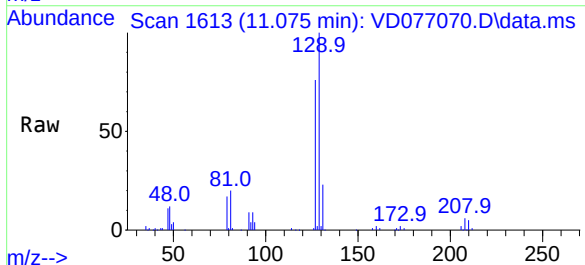
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

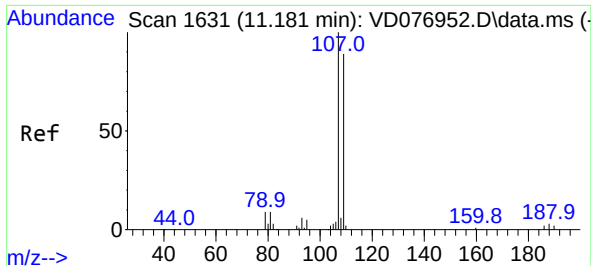
Tgt Ion: 43 Resp: 232218
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2



#60
Dibromochloromethane
Concen: 66.178 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:129 Resp: 146866
Ion Ratio Lower Upper
129 100
127 77.3 37.1 111.5

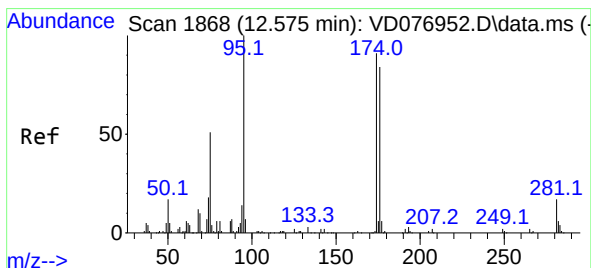
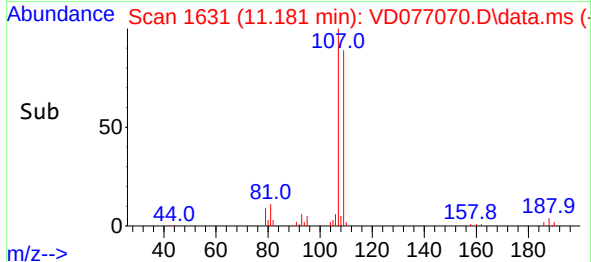
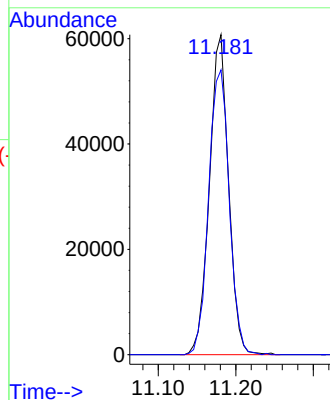
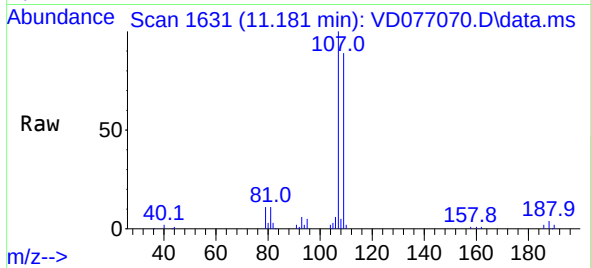




#61
1,2-Dibromoethane
Concen: 60.764 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

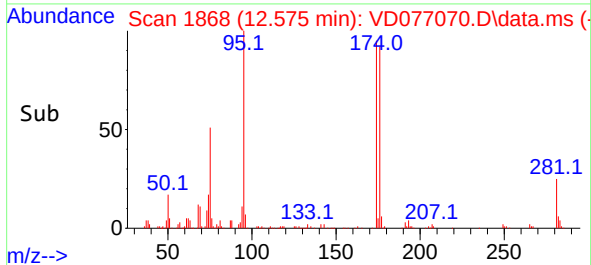
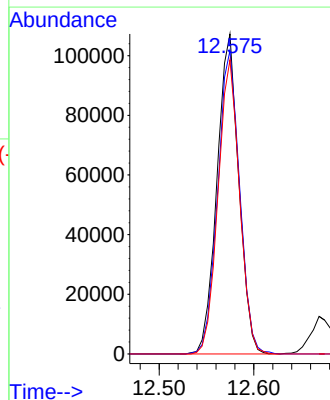
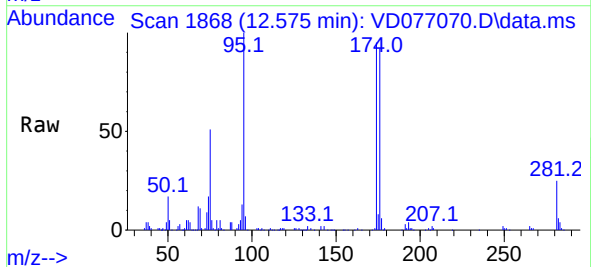
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

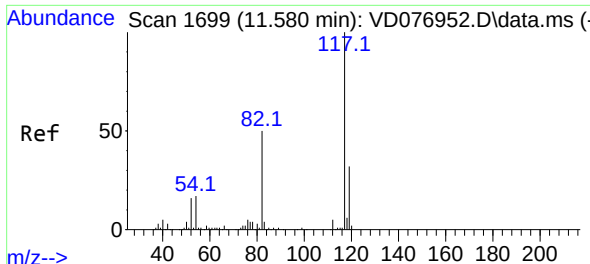
Tgt Ion:107 Resp: 104289
Ion Ratio Lower Upper
107 100
109 95.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 76.604 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

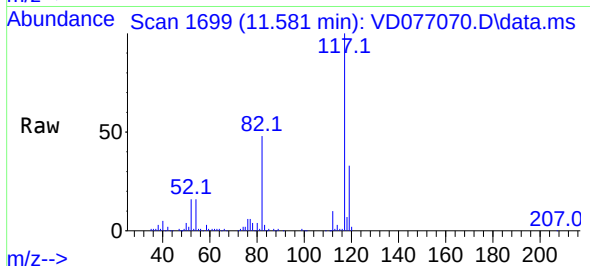
Tgt Ion: 95 Resp: 171288
Ion Ratio Lower Upper
95 100
174 95.4 0.0 201.8
176 90.6 0.0 191.8





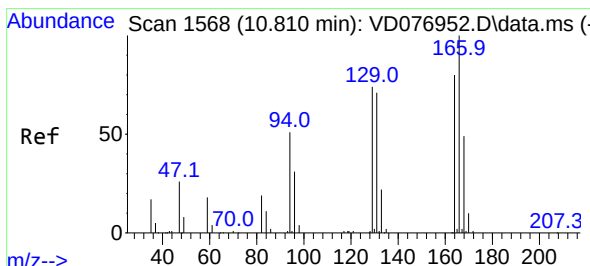
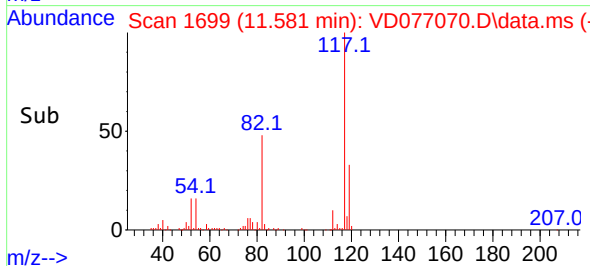
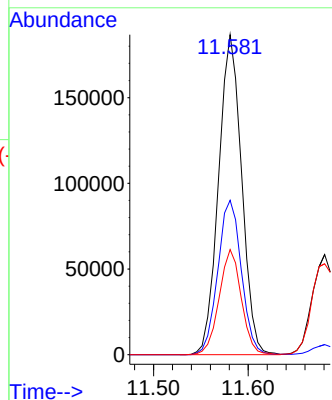
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 316623

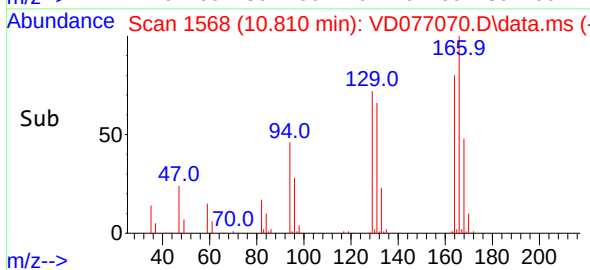
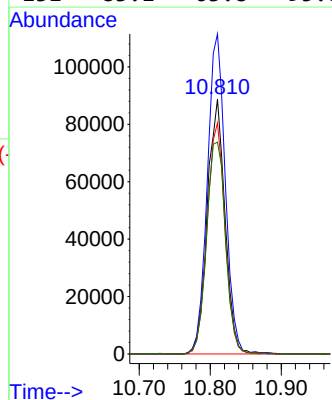
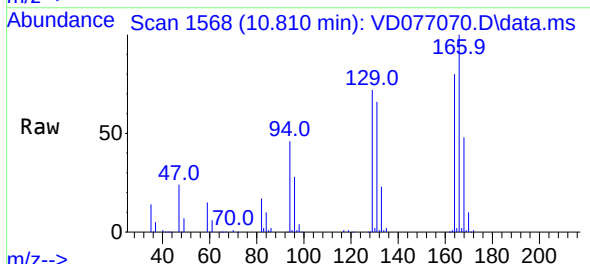
Ion	Ratio	Lower	Upper
117	100		
82	48.3	38.3	57.5
119	32.9	25.0	37.4

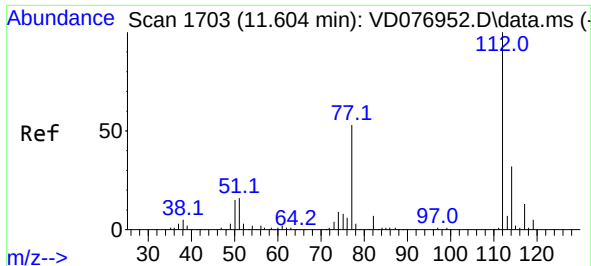


#64
Tetrachloroethene
Concen: 67.931 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:164 Resp: 154895

Ion	Ratio	Lower	Upper
164	100		
166	125.5	99.2	148.8
129	90.7	68.4	102.6
131	83.1	63.8	95.8

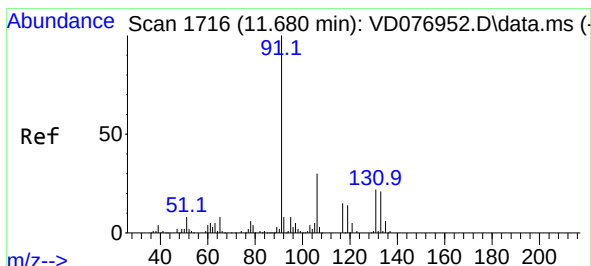
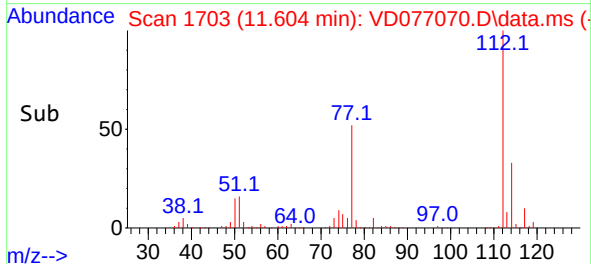
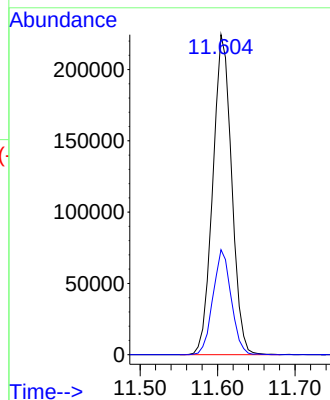
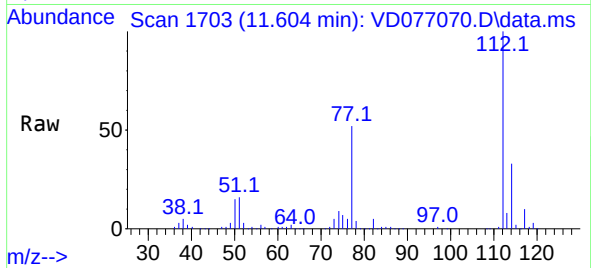




#65
Chlorobenzene
Concen: 55.244 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

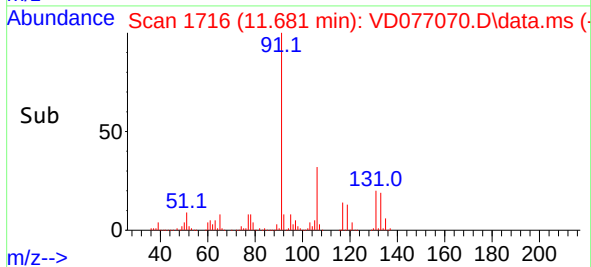
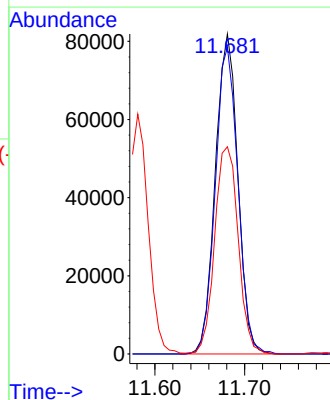
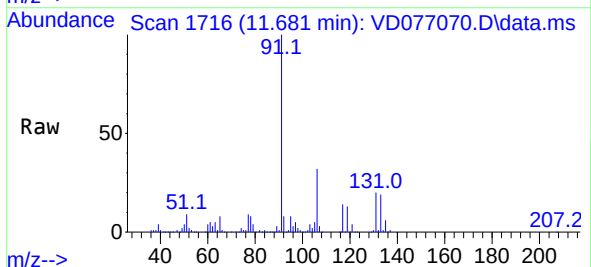
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

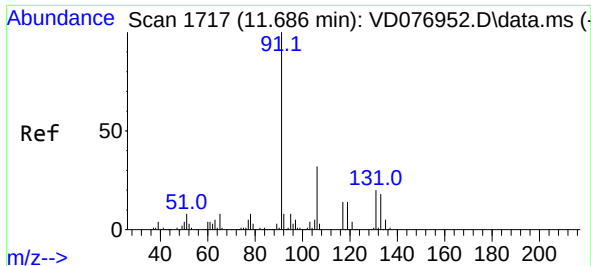
Tgt Ion:112 Resp: 379265
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 55.607 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:131 Resp: 142669
Ion Ratio Lower Upper
131 100
133 96.4 48.5 145.5
119 67.7 35.6 106.9





#67

Ethyl Benzene

Concen: 55.563 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.005 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

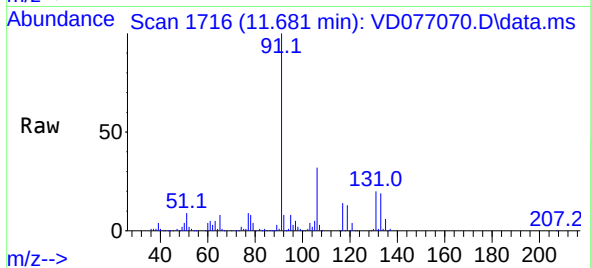
VSTDCCC050EC

Tgt Ion: 91 Resp: 654646

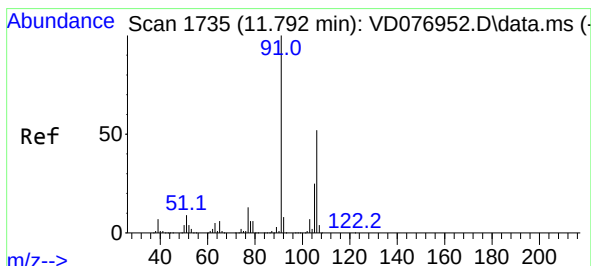
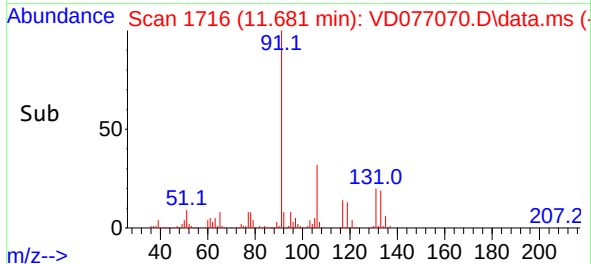
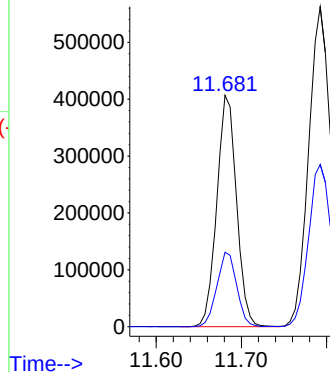
Ion Ratio Lower Upper

91 100

106 32.2 26.5 39.7



Abundance



#68

m/p-Xylenes

Concen: 111.923 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077070.D

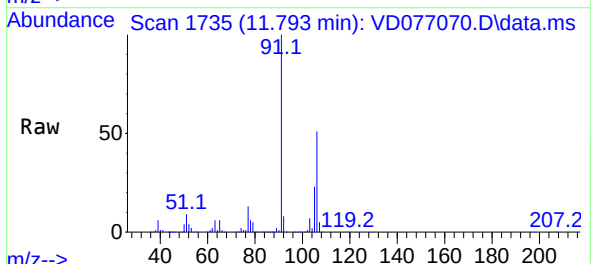
Acq: 29 Aug 2023 19:06

Tgt Ion:106 Resp: 527918

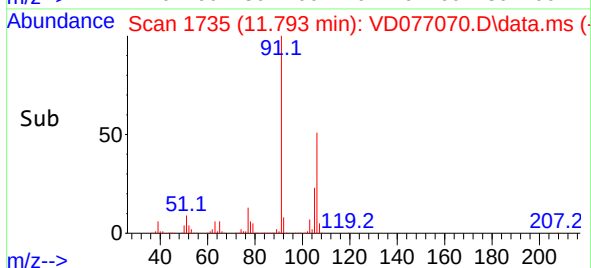
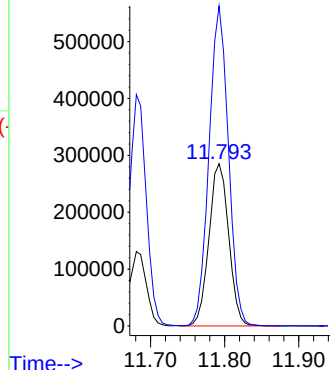
Ion Ratio Lower Upper

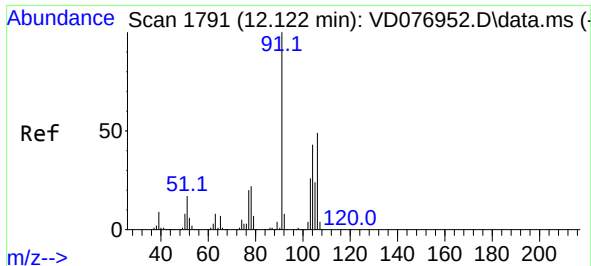
106 100

91 193.2 147.0 220.6



Abundance

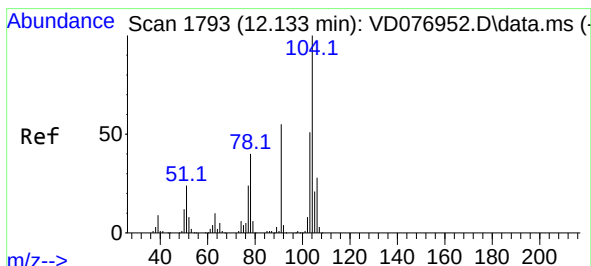
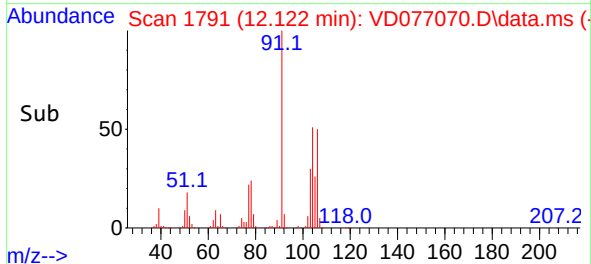
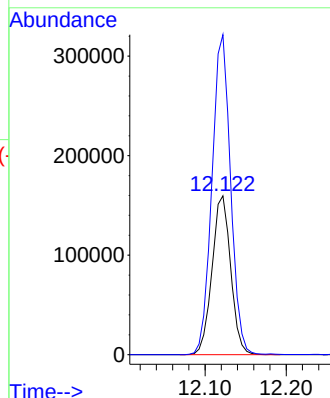
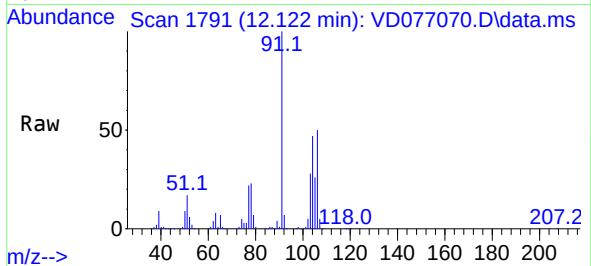




#69
o-Xylene
Concen: 59.062 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

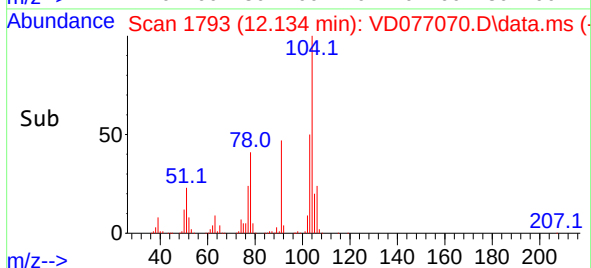
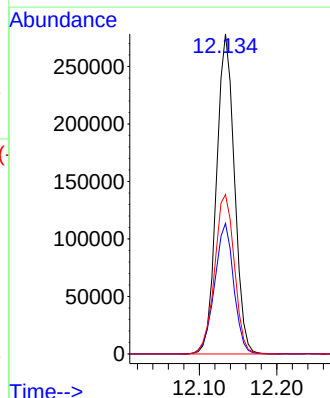
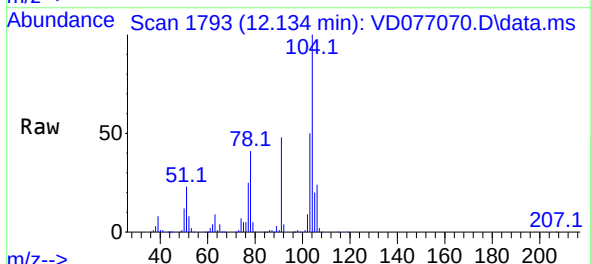
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

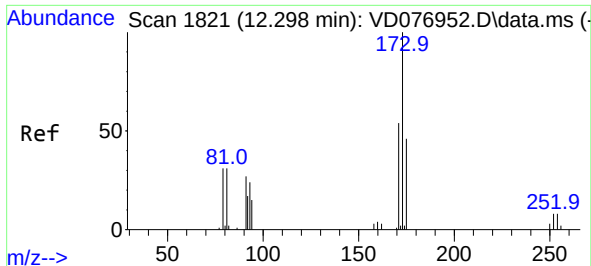
Tgt Ion:106 Resp: 254644
Ion Ratio Lower Upper
106 100
91 201.3 97.9 293.6



#70
Styrene
Concen: 59.689 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:104 Resp: 447054
Ion Ratio Lower Upper
104 100
78 43.5 33.2 49.8
103 54.8 43.6 65.4

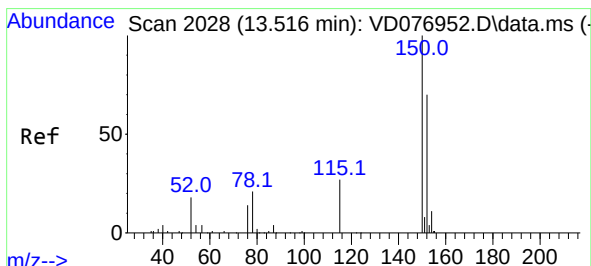
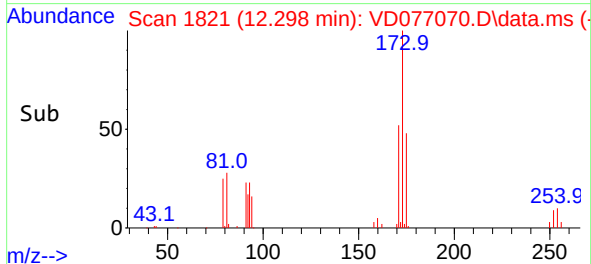
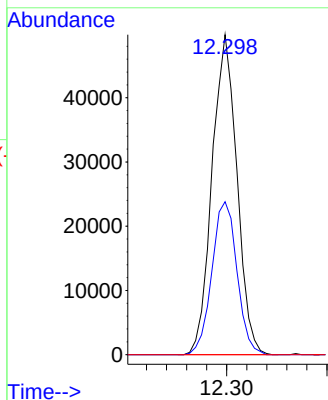
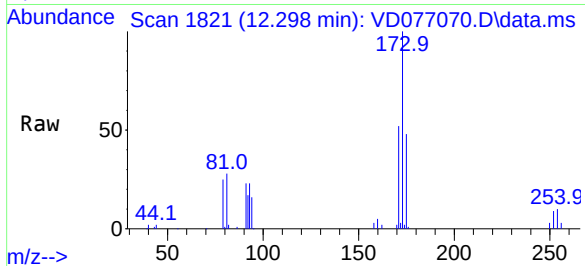




#71
Bromoform
Concen: 60.032 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

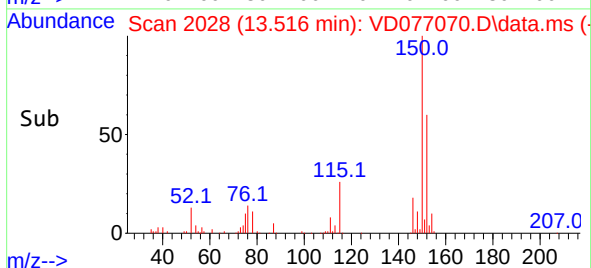
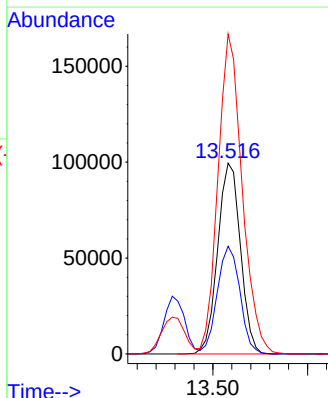
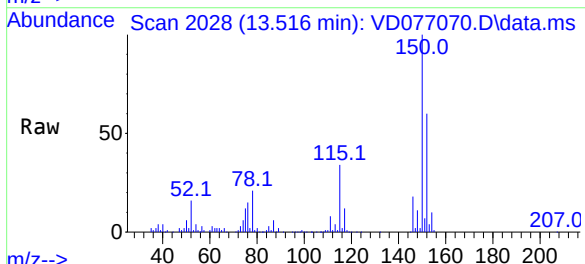
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

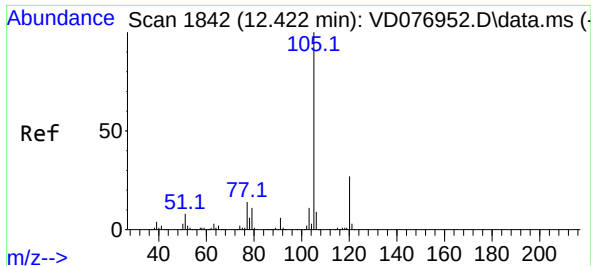
Tgt Ion:	173	Resp:	85761
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:	152	Resp:	166211
Ion Ratio	Lower	Upper	
152	100		
115	56.1	27.1	81.3
150	178.7	0.0	353.6

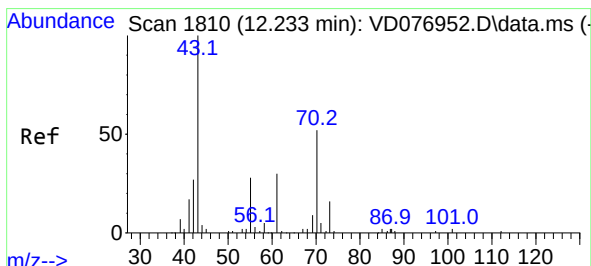
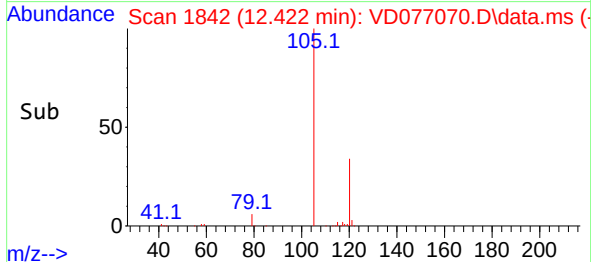
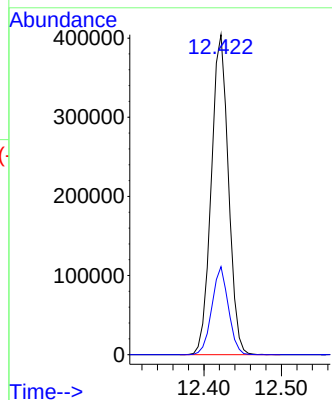
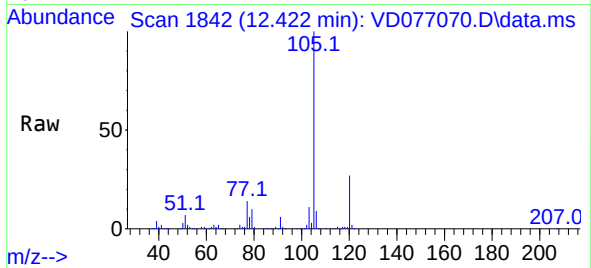




#73
Isopropylbenzene
Concen: 53.554 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

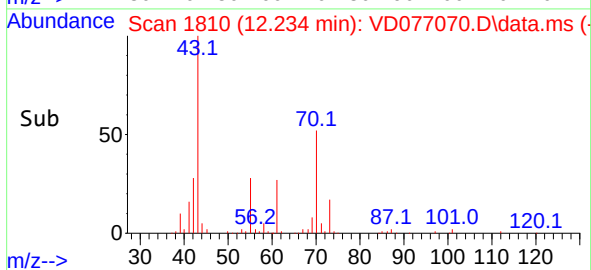
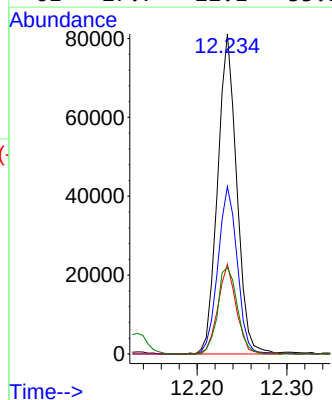
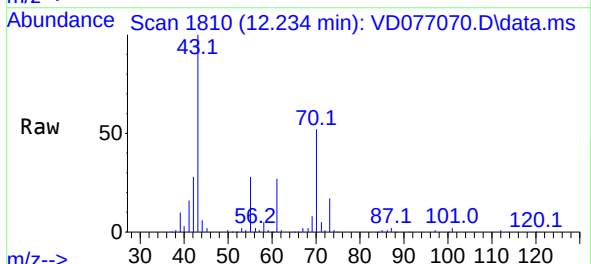
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

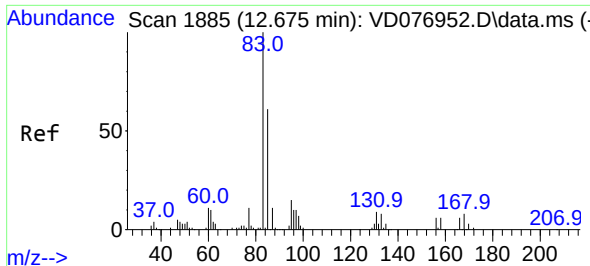
Tgt Ion:105 Resp: 621178
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9



#74
N-ethyl acetate
Concen: 58.745 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 43 Resp: 120005
Ion Ratio Lower Upper
43 100
70 52.8 45.0 67.4
55 27.2 23.8 35.6
61 27.7 22.1 33.1

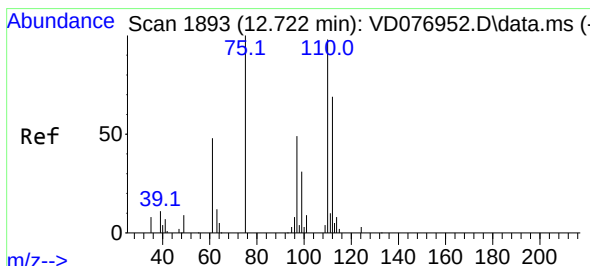
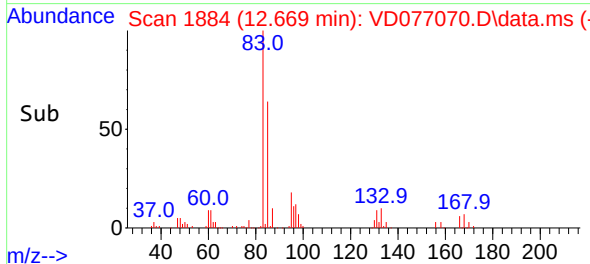
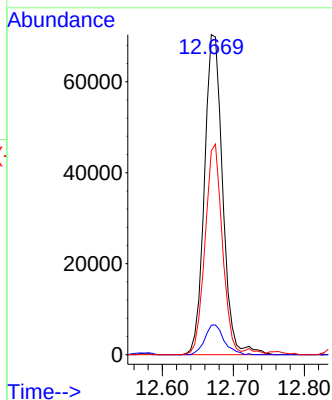
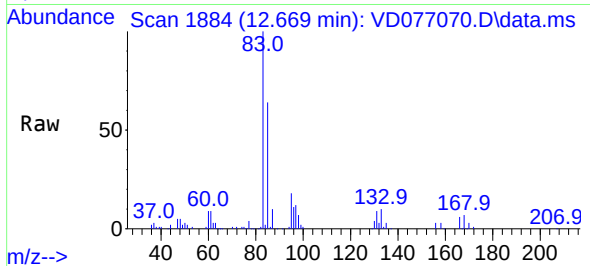




#75
1,1,2,2-Tetrachloroethane
Concen: 55.449 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

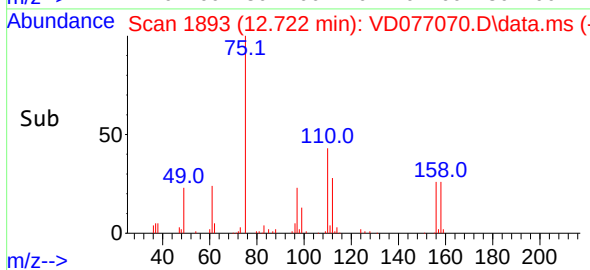
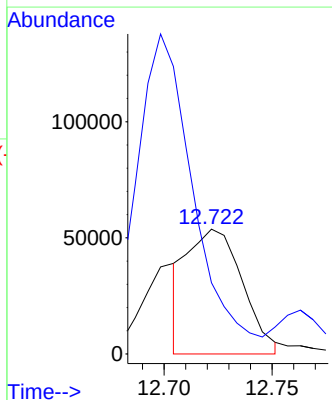
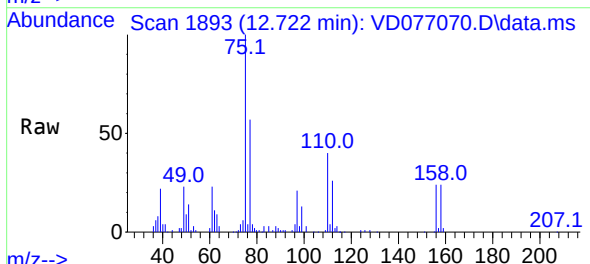
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

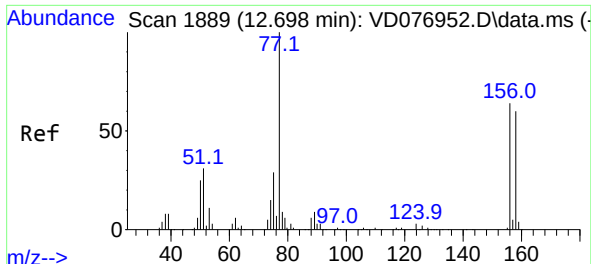
Tgt Ion: 83 Resp: 125742
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 62.3 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 59.608 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 75 Resp: 95560
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

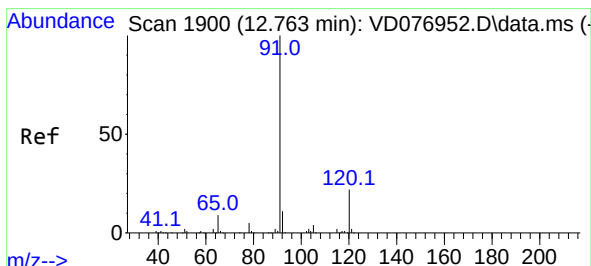
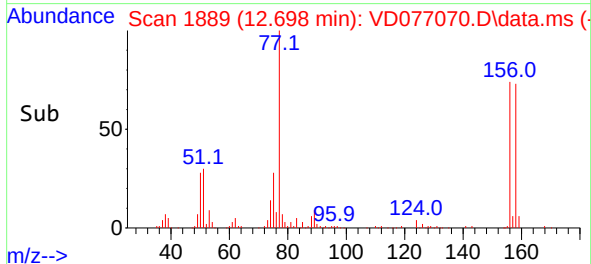
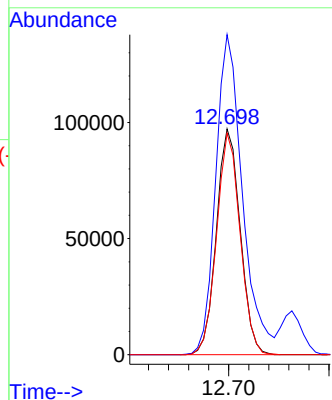
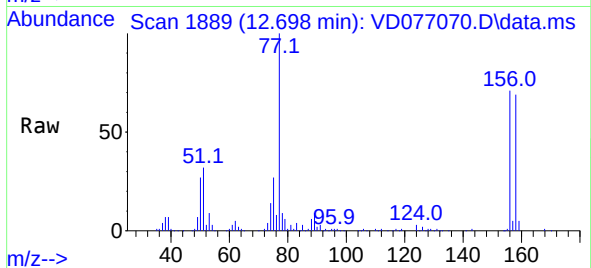




#77
Bromobenzene
Concen: 54.856 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

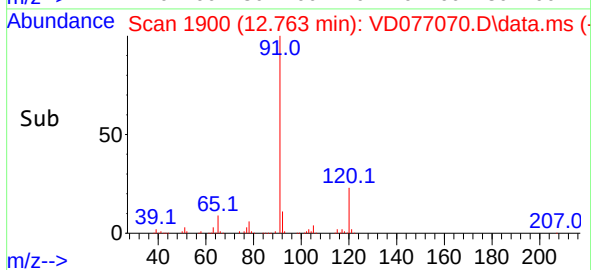
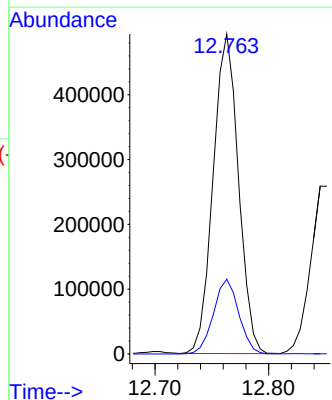
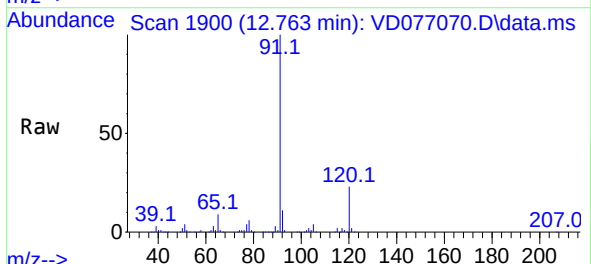
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

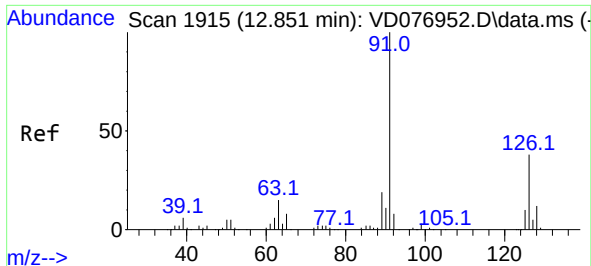
Tgt Ion:156 Resp: 160438
Ion Ratio Lower Upper
156 100
77 158.9 76.8 230.4
158 96.6 48.6 145.9



#78
n-propylbenzene
Concen: 53.764 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 91 Resp: 762098
Ion Ratio Lower Upper
91 100
120 23.4 12.4 37.2

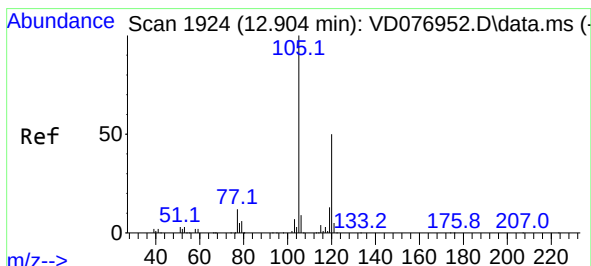
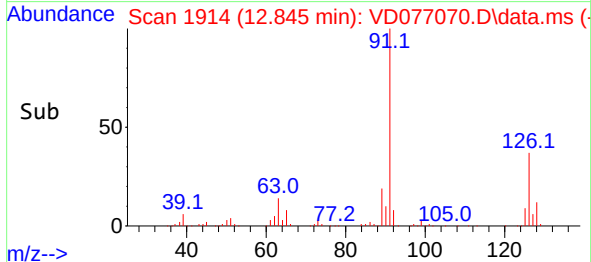
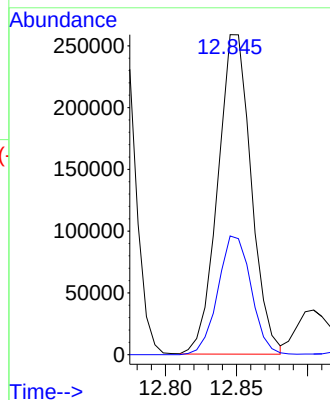
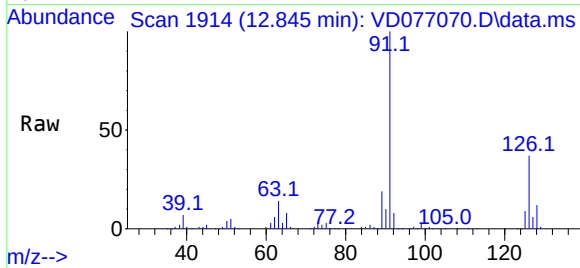




#79
2-Chlorotoluene
Concen: 54.617 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

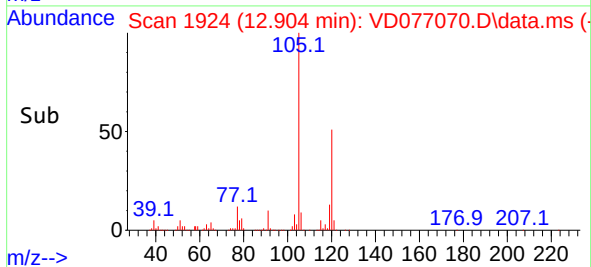
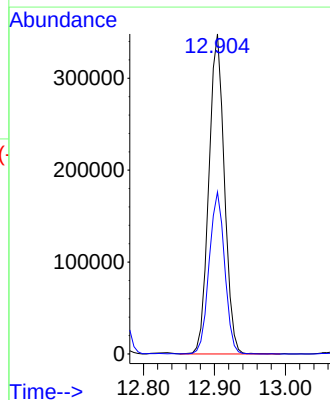
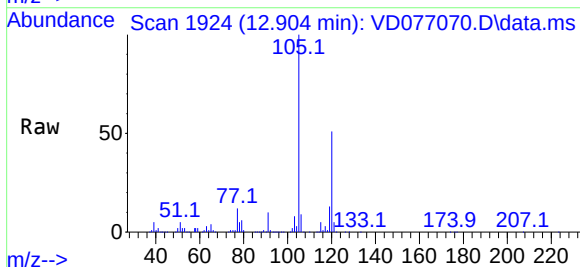
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

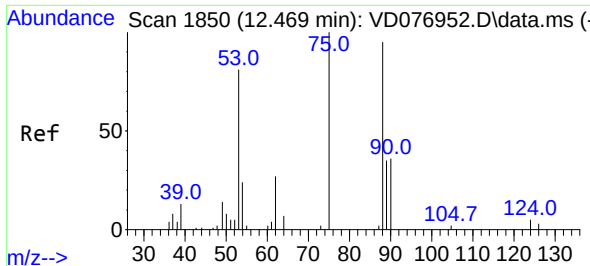
Tgt Ion: 91 Resp: 423272
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.649 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 105 Resp: 529216
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2

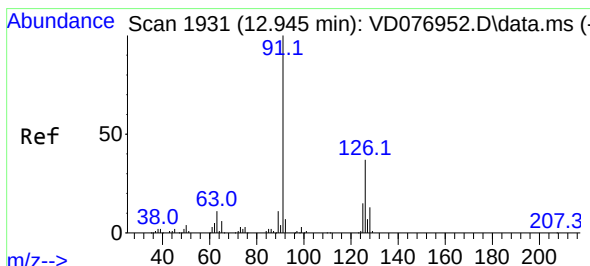
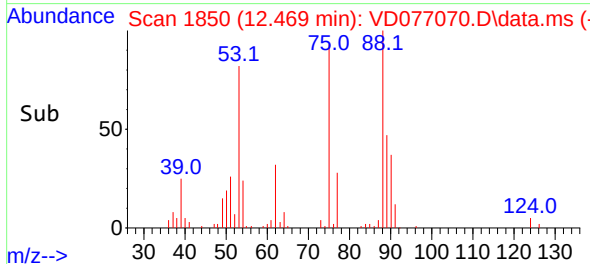
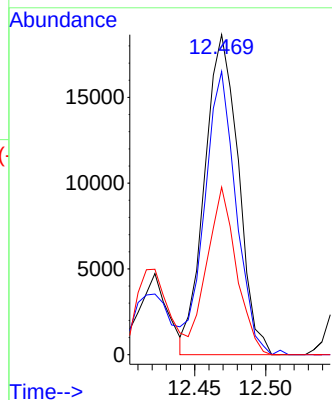
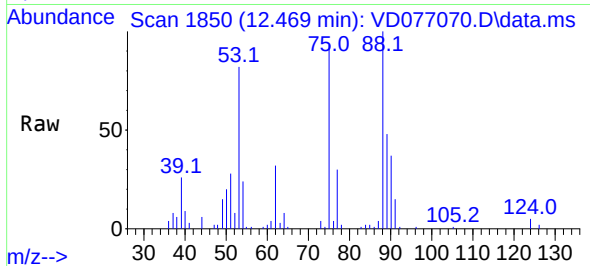




#81
trans-1,4-Dichloro-2-butene
Concen: 44.462 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

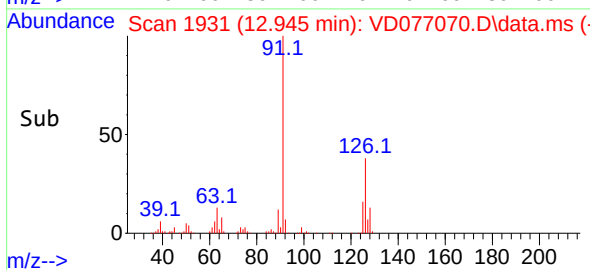
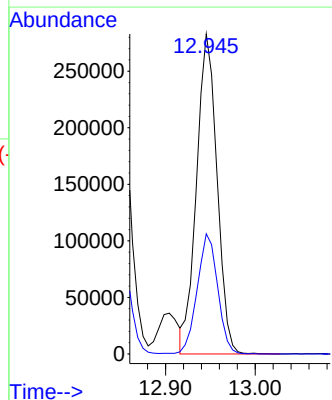
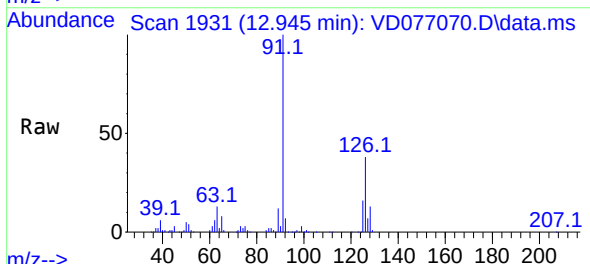
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

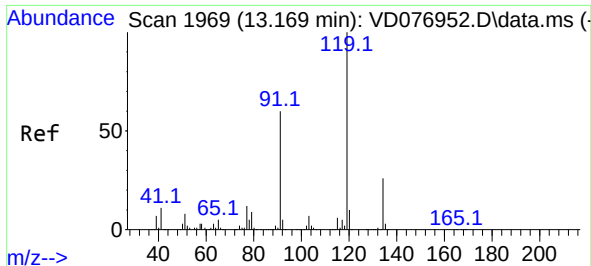
Tgt Ion: 75 Resp: 30700
Ion Ratio Lower Upper
75 100
53 82.5 63.0 94.4
89 45.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 54.680 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 91 Resp: 448244
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4

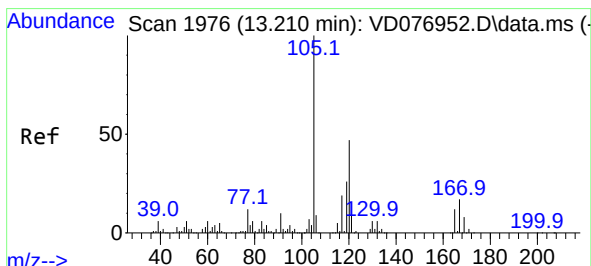
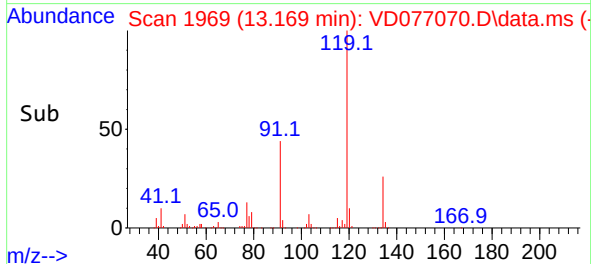
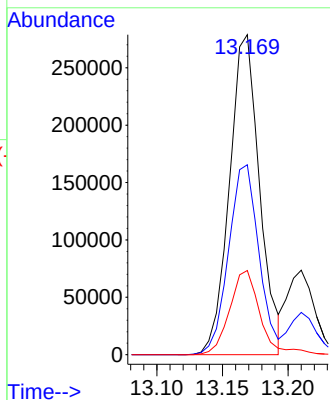
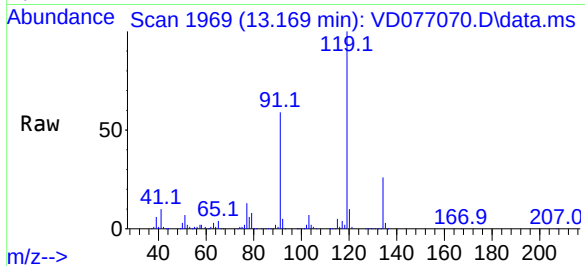




#83
tert-Butylbenzene
Concen: 53.413 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

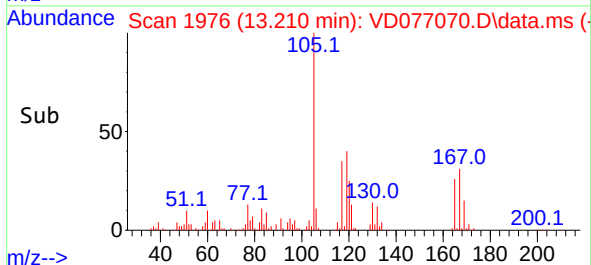
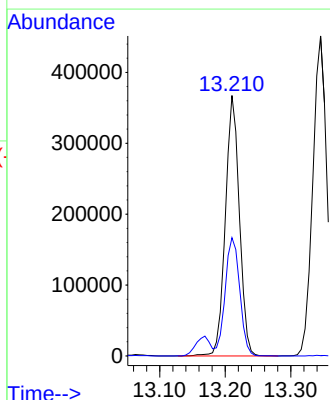
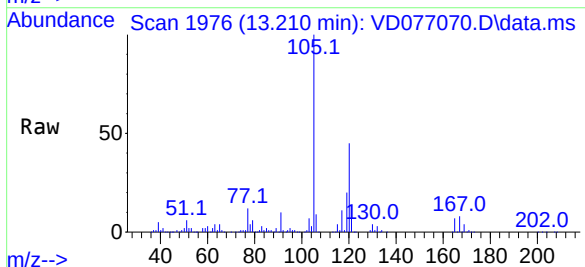
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

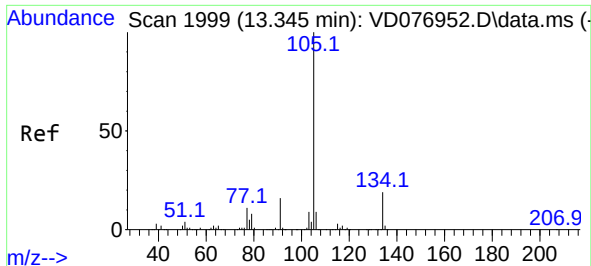
Tgt Ion:119 Resp: 447217
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 56.061 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:105 Resp: 544477
Ion Ratio Lower Upper
105 100
120 47.4 24.3 72.9

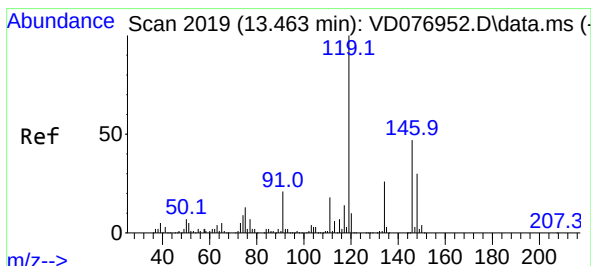
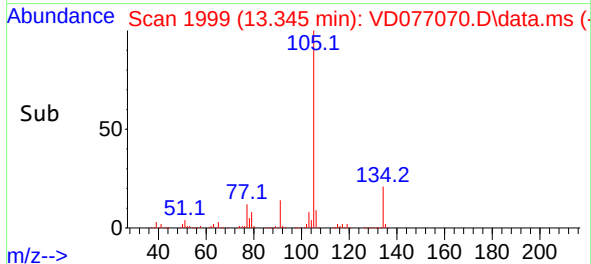
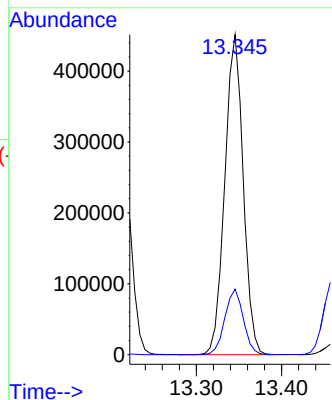
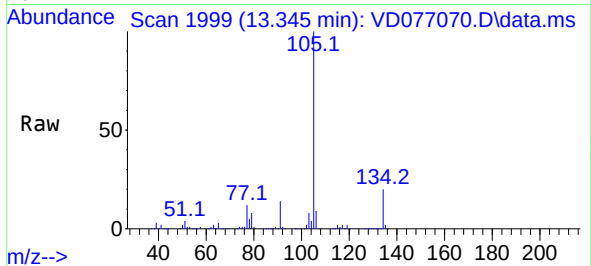




#85
 sec-Butylbenzene
 Concen: 53.591 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

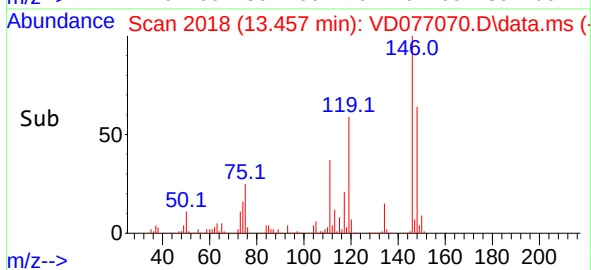
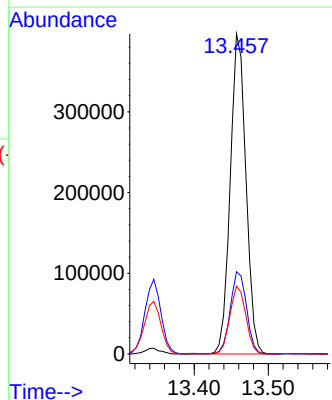
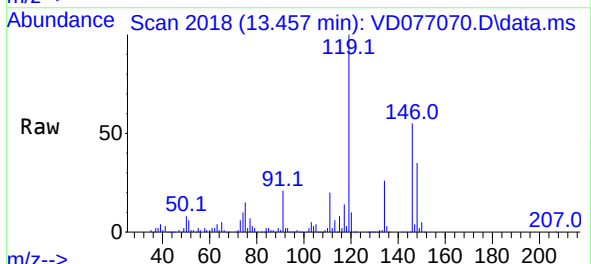
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

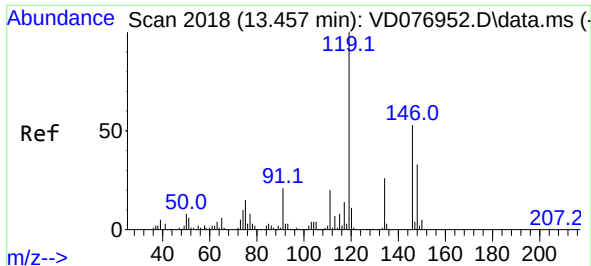
Tgt Ion:105 Resp: 677495
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.111 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077070.D
 Acq: 29 Aug 2023 19:06

Tgt Ion:119 Resp: 583304
 Ion Ratio Lower Upper
 119 100
 134 26.6 14.2 42.6
 91 21.6 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 54.827 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077070.D

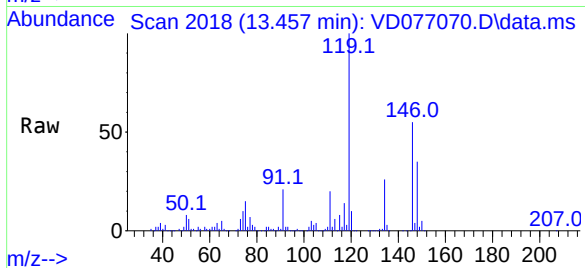
Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



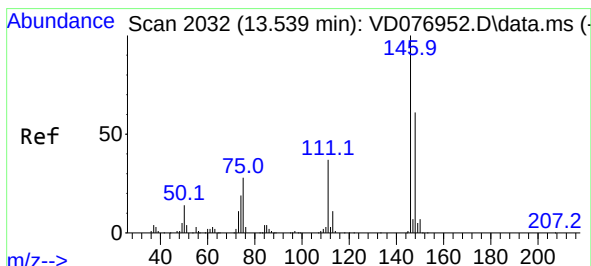
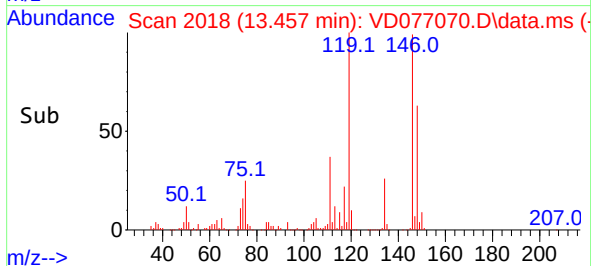
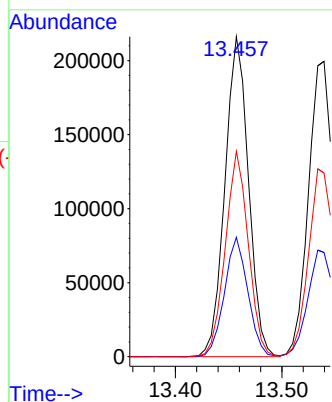
Tgt Ion:146 Resp: 332329

Ion Ratio Lower Upper

146 100

111 37.1 17.9 53.8

148 62.7 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 55.595 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.001 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

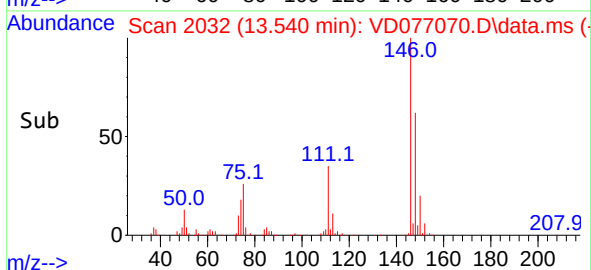
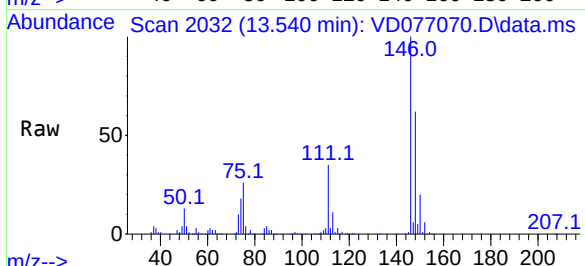
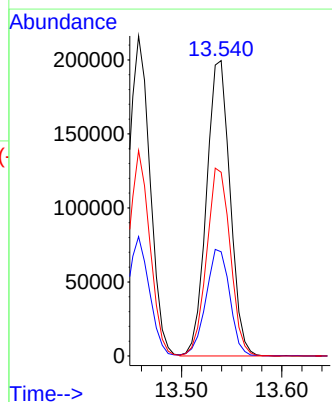
Tgt Ion:146 Resp: 326909

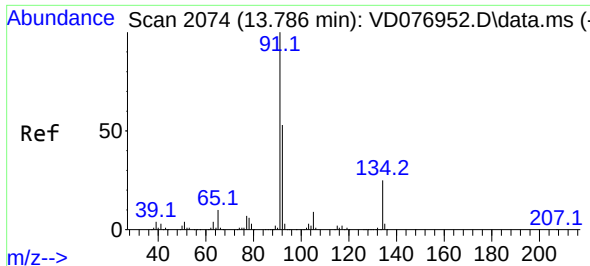
Ion Ratio Lower Upper

146 100

111 36.5 17.4 52.3

148 63.8 31.7 95.1

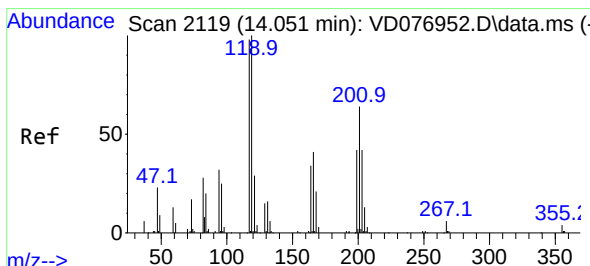
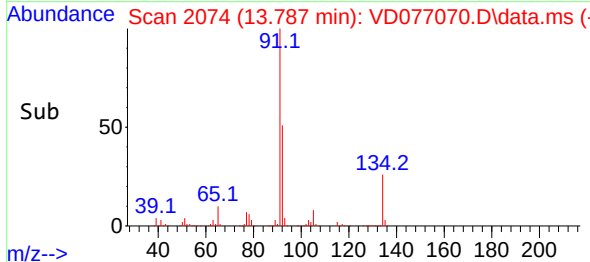
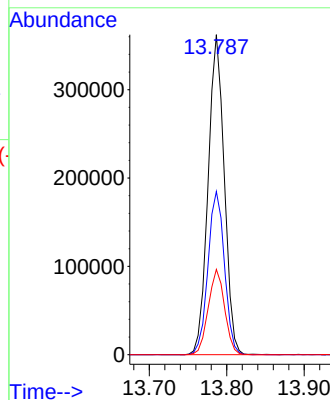
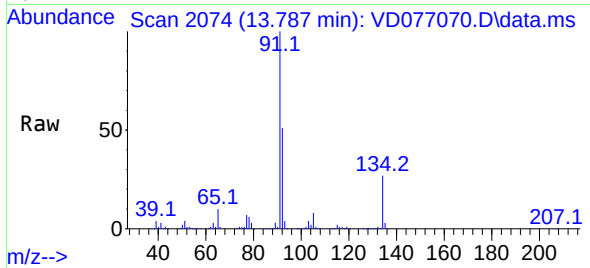




#89
n-Butylbenzene
Concen: 52.989 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

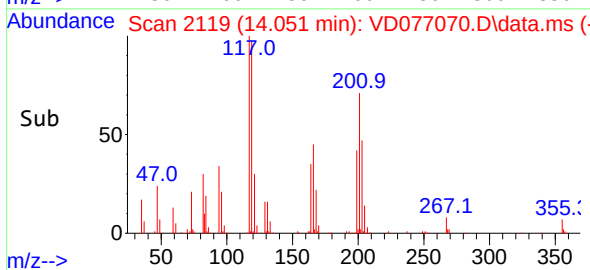
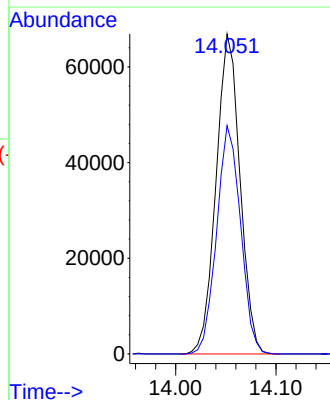
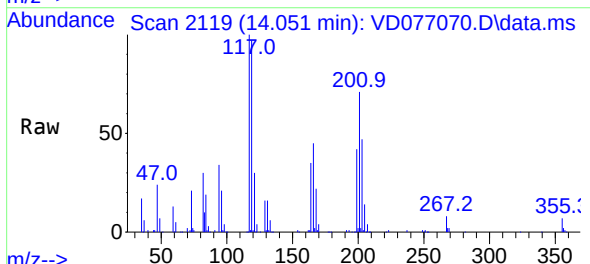
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

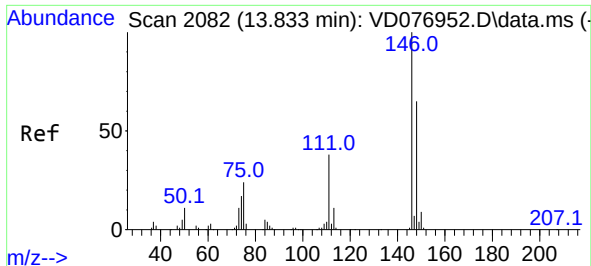
Tgt Ion: 91 Resp: 524616
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 27.0 13.8 41.3



#90
Hexachloroethane
Concen: 52.954 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion: 117 Resp: 110689
Ion Ratio Lower Upper
117 100
201 71.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 55.953 ug/l

RT: 13.828 min Scan# 2082

Delta R.T. -0.005 min

Lab File: VD077070.D

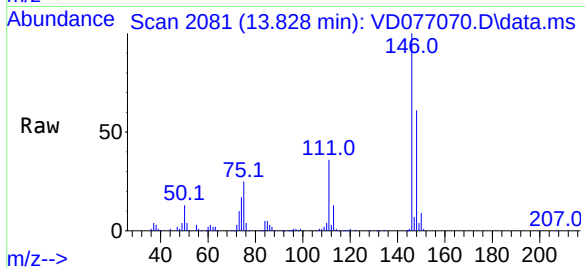
Acq: 29 Aug 2023 19:06

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



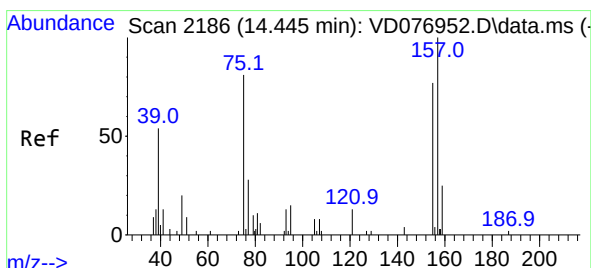
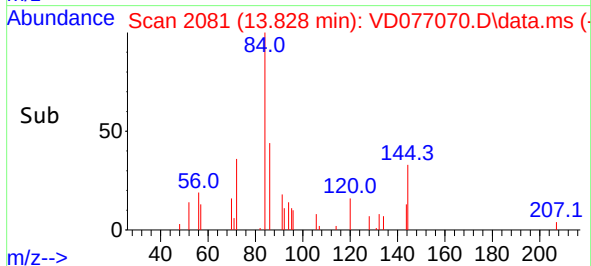
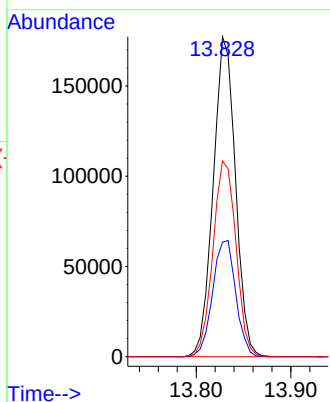
Tgt Ion:146 Resp: 289040

Ion Ratio Lower Upper

146 100

111 37.9 18.3 54.8

148 63.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 58.384 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077070.D

Acq: 29 Aug 2023 19:06

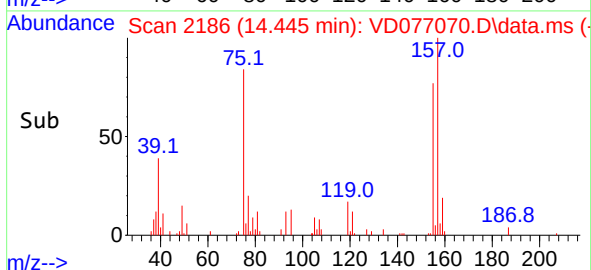
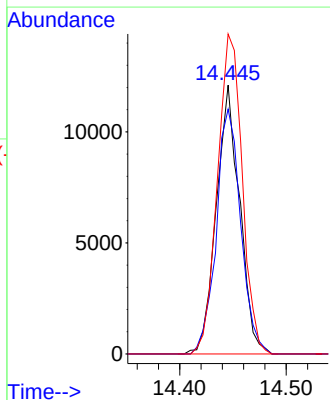
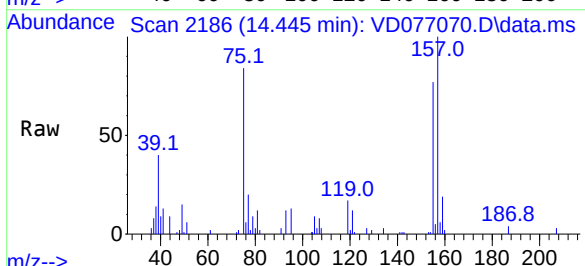
Tgt Ion: 75 Resp: 18437

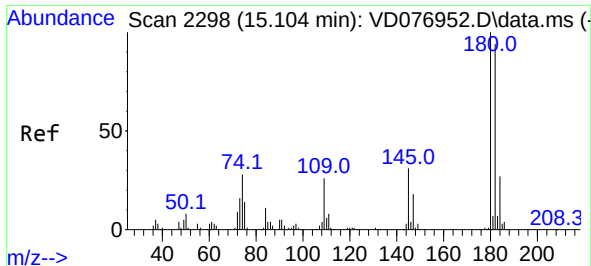
Ion Ratio Lower Upper

75 100

155 95.2 47.9 143.8

157 126.0 59.9 179.7

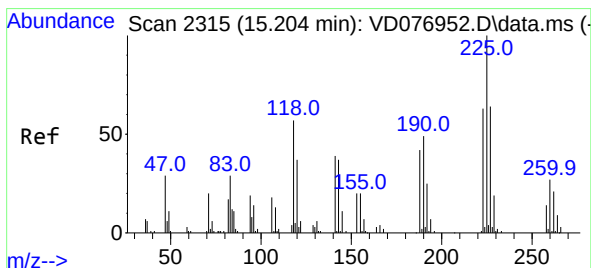
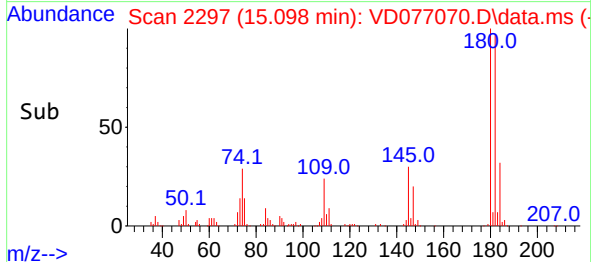
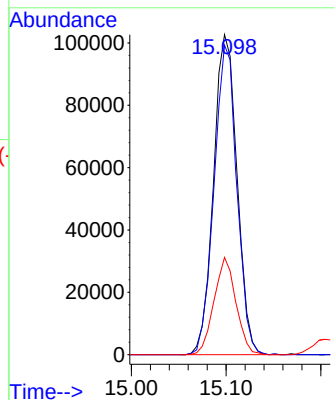
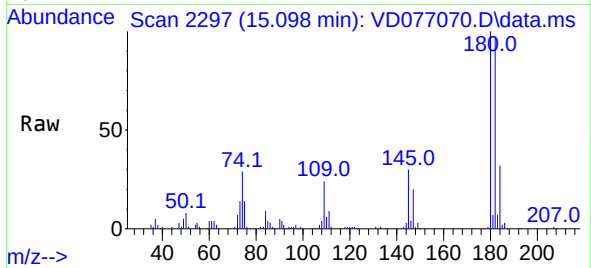




#93
1,2,4-Trichlorobenzene
Concen: 55.575 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

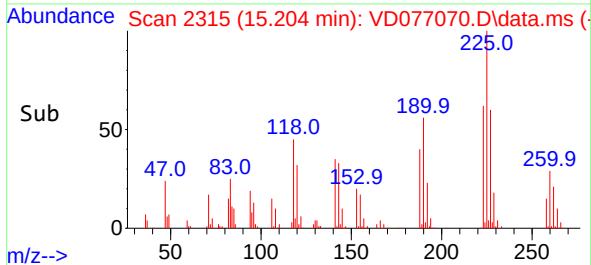
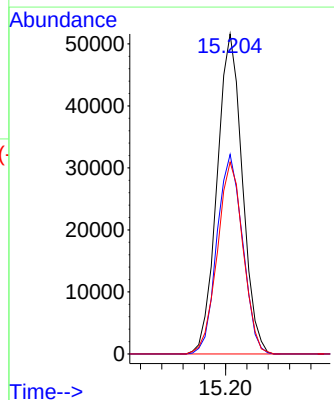
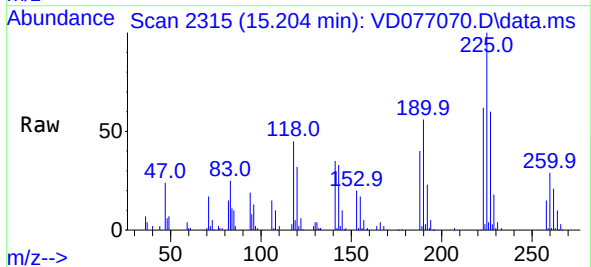
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

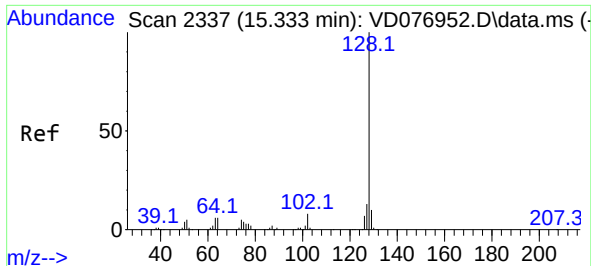
Tgt Ion:180 Resp: 176555
Ion Ratio Lower Upper
180 100
182 94.1 48.5 145.6
145 28.5 14.2 42.6



#94
Hexachlorobutadiene
Concen: 50.968 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:225 Resp: 84897
Ion Ratio Lower Upper
225 100
223 63.1 31.6 94.8
227 61.1 31.7 95.1

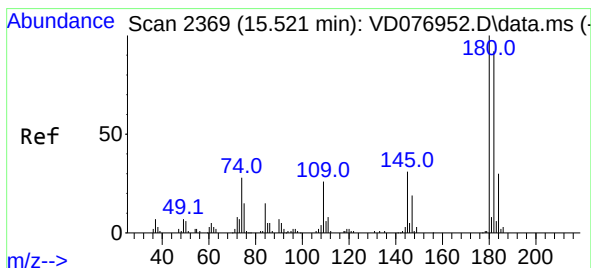
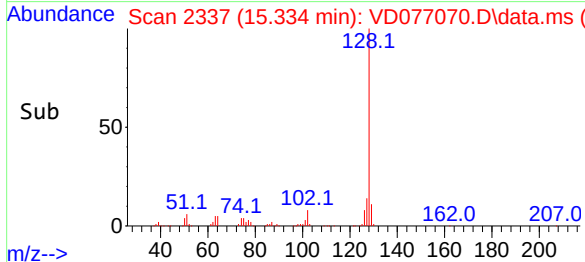
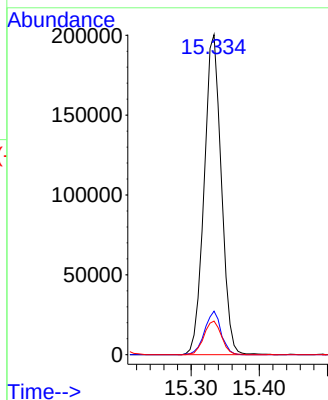
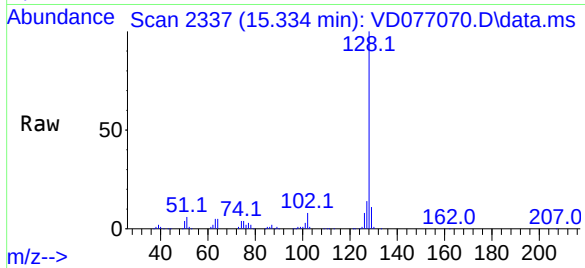




#95
Naphthalene
Concen: 59.468 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 350416
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.5 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 56.188 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.001 min
Lab File: VD077070.D
Acq: 29 Aug 2023 19:06

Tgt Ion:180 Resp: 159904
Ion Ratio Lower Upper
180 100
182 94.5 47.3 141.9
145 31.8 15.1 45.3

