

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101723\
 Data File : VD077345.D
 Acq On : 17 Oct 2023 17:22
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 18 02:46:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 02:44:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	233394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	352509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	336640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	178937	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	270485	129.787	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 259.580%#	
35) Dibromofluoromethane	7.804	113	352776	142.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 284.900%#	
50) Toluene-d8	10.269	98	1344142	151.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 303.100%#	
62) 4-Bromofluorobenzene	12.575	95	397038	155.513	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 311.020%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	296171	136.495	ug/l	96
3) Chloromethane	2.152	50	598710	135.498	ug/l	99
4) Vinyl Chloride	2.287	62	718390	137.638	ug/l	100
5) Bromomethane	2.681	94	492886	146.950	ug/l	100
6) Chloroethane	2.834	64	491549	133.967	ug/l	100
7) Trichlorofluoromethane	3.175	101	715662	135.164	ug/l	97
8) Diethyl Ether	3.593	74	254150	179.090	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	459106	167.600	ug/l	98
10) Methyl Iodide	4.163	142	628162	187.409	ug/l	93
11) Tert butyl alcohol	5.058	59	75083	640.441	ug/l	98
12) 1,1-Dichloroethene	3.940	96	479572	178.460	ug/l	89
13) Acrolein	3.799	56	188205	924.789	ug/l	99
14) Allyl chloride	4.563	41	517408	202.926	ug/l	95
15) Acrylonitrile	5.258	53	312250	726.076	ug/l	99
16) Acetone	4.022	43	433485	948.522	ug/l	94
17) Carbon Disulfide	4.269	76	1500837	189.986	ug/l	97
18) Methyl Acetate	4.558	43	305123	191.835	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	717671	156.794	ug/l	97
20) Methylene Chloride	4.799	84	383667	148.066	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	407662	145.854	ug/l	93
22) Diisopropyl ether	6.216	45	764586	152.758	ug/l	96
23) Vinyl Acetate	6.157	43	1889064	805.361	ug/l	98
24) 1,1-Dichloroethane	6.110	63	581429	139.716	ug/l	99
25) 2-Butanone	7.081	43	346682	731.285	ug/l	97
26) 2,2-Dichloropropane	7.081	77	545549	143.774	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	470111	150.007	ug/l	94
28) Bromochloromethane	7.428	49	206511	135.848	ug/l	90
29) Tetrahydrofuran	7.446	42	206260	754.235	ug/l	96
30) Chloroform	7.599	83	663120	138.882	ug/l	100
31) Cyclohexane	7.875	56	449431	138.606	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	589927	143.214	ug/l	95
36) 1,1-Dichloropropene	8.010	75	499968	153.642	ug/l	98
37) Ethyl Acetate	7.169	43	153687	150.353	ug/l	98
38) Carbon Tetrachloride	7.993	117	548422	151.498	ug/l	99
39) Methylcyclohexane	9.275	83	635763	160.789	ug/l	94
40) Benzene	8.252	78	1503362	152.236	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79568	163.106	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	338854	145.678	ug/l	99
43) Isopropyl Acetate	8.363	43	292235	158.808	ug/l	98
44) Trichloroethene	9.028	130	446420	154.620	ug/l	100
45) 1,2-Dichloropropane	9.304	63	339717	149.235	ug/l	97
46) Dibromomethane	9.393	93	211828	148.844	ug/l	96
47) Bromodichloromethane	9.587	83	498992	147.043	ug/l	98
48) Methyl methacrylate	9.381	41	137720	165.436	ug/l	95
49) 1,4-Dioxane	9.381	88	42386	2956.945	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	747035	809.842	ug/l	99
52) Toluene	10.334	92	1026108	159.143	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	484586	159.085	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	577080	154.839	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	289088	146.661	ug/l	96
56) Ethyl methacrylate	10.598	69	316341	167.928	ug/l	98
57) 1,3-Dichloropropane	10.881	76	458516	151.431	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	763319	819.382	ug/l	94
59) 2-Hexanone	10.922	43	531270	801.898	ug/l	100
60) Dibromochloromethane	11.075	129	378572	150.412	ug/l	97
61) 1,2-Dibromoethane	11.181	107	283230	152.487	ug/l	100
64) Tetrachloroethene	10.810	164	388028	155.078	ug/l	97
65) Chlorobenzene	11.610	112	1120285	152.673	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	437775	156.948	ug/l	96
67) Ethyl Benzene	11.687	91	2003042	164.674	ug/l	99
68) m/p-Xylenes	11.792	106	1663155	332.972	ug/l	99
69) o-Xylene	12.122	106	768883	167.217	ug/l	98
70) Styrene	12.140	104	1313567	167.440	ug/l	99
71) Bromoform	12.298	173	235803	154.216	ug/l #	100
73) Isopropylbenzene	12.422	105	1941895	164.070	ug/l	98
74) N-amyl acetate	12.234	43	273868	160.846	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	305860	142.211	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	375989	180.286	ug/l #	100
77) Bromobenzene	12.704	156	489509	157.537	ug/l	94
78) n-propylbenzene	12.763	91	2255976	158.269	ug/l	100
79) 2-Chlorotoluene	12.851	91	1218306	156.920	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	1605093	164.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	105753	158.363	ug/l	93
82) 4-Chlorotoluene	12.951	91	1259736	155.849	ug/l	99
83) tert-Butylbenzene	13.169	119	1422739	164.302	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	1653433	168.140	ug/l	99
85) sec-Butylbenzene	13.345	105	2088345	160.266	ug/l	99
86) p-Isopropyltoluene	13.463	119	1917531	169.390	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	1033445	158.038	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	970400	149.751	ug/l	99
89) n-Butylbenzene	13.787	91	1599113	162.229	ug/l	99
90) Hexachloroethane	14.057	117	341218	149.118	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	843906	152.773	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	40060	152.176	ug/l	73
93) 1,2,4-Trichlorobenzene	15.104	180	572407	166.314	ug/l	97
94) Hexachlorobutadiene	15.204	225	305237	156.159	ug/l	100
95) Naphthalene	15.333	128	995292	171.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	490251	164.110	ug/l	99

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ClientSampleId :

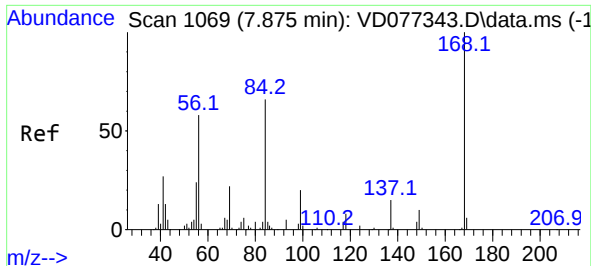
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

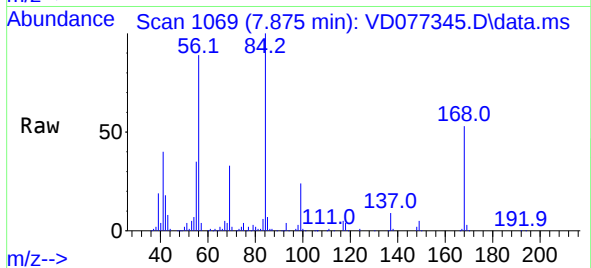
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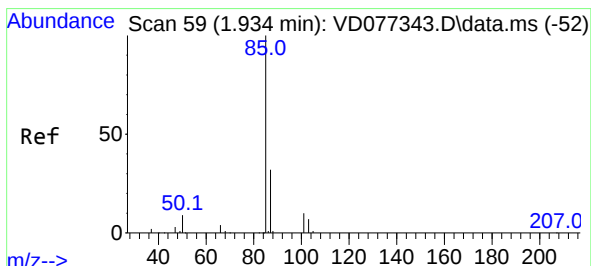
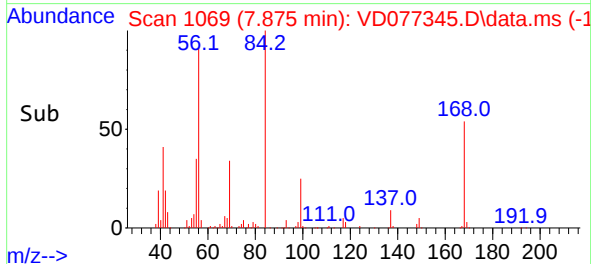
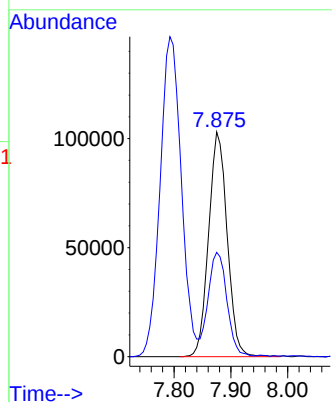


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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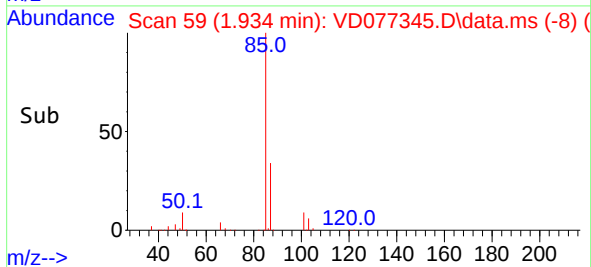
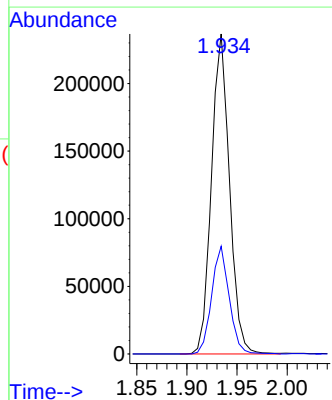
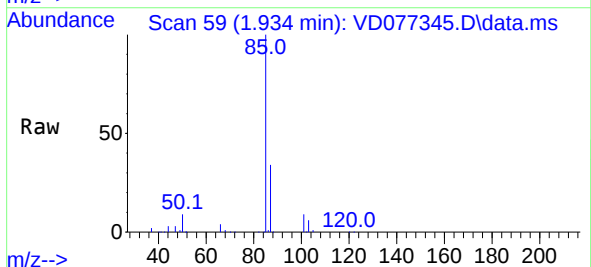


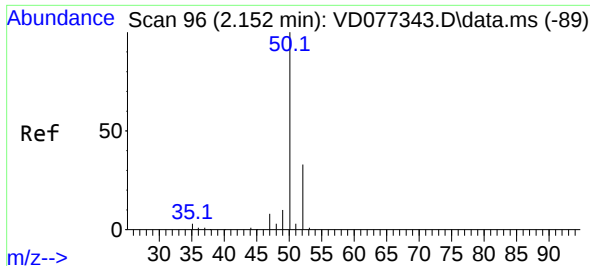
Tgt Ion:168 Resp: 233394
Ion Ratio Lower Upper
168 100
99 46.1 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 136.495 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 85 Resp: 296171
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

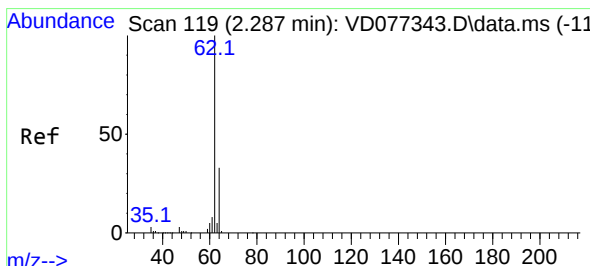
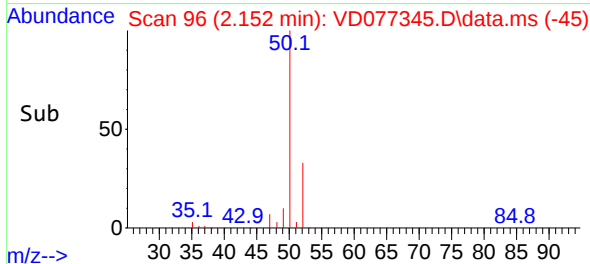
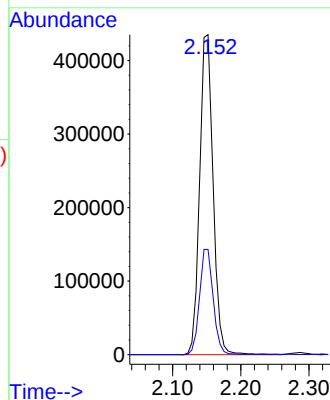
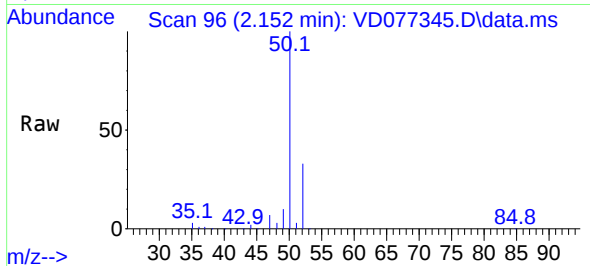




#3
Chloromethane
Concen: 135.498 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

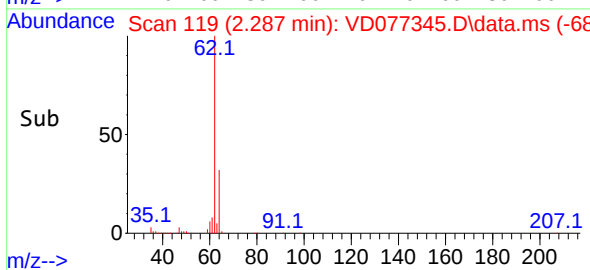
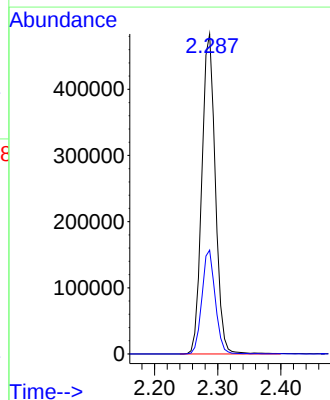
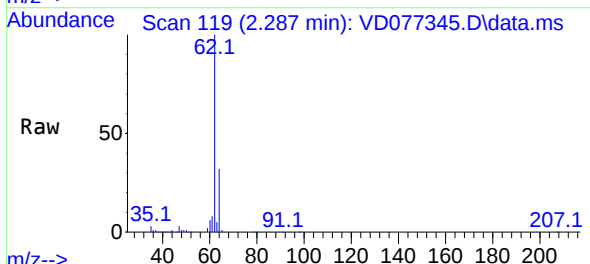
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MSVOA_D
ClientSampleId :

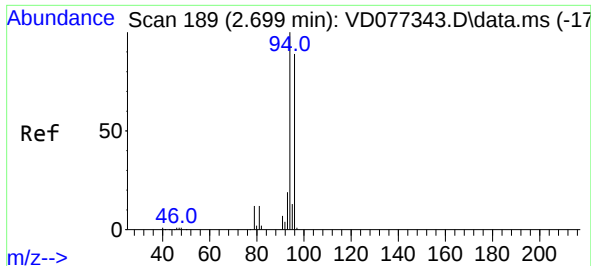
Tgt Ion: 50 Resp: 598710
Ion Ratio Lower Upper
50 100
52 32.9 26.6 40.0



#4
Vinyl Chloride
Concen: 137.638 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 62 Resp: 718390
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

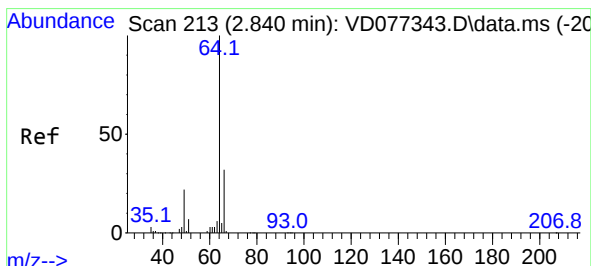
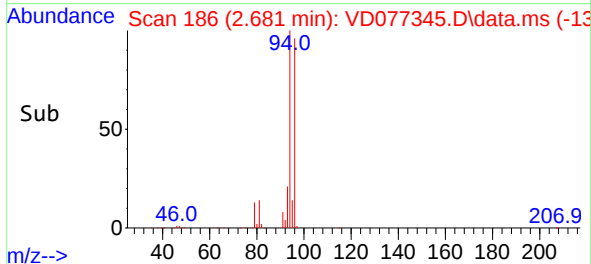
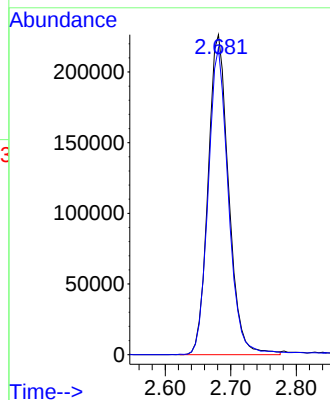
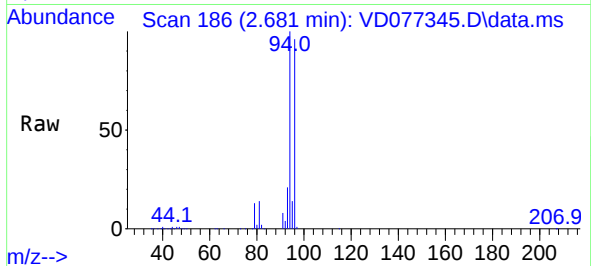




#5
Bromomethane
Concen: 146.950 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

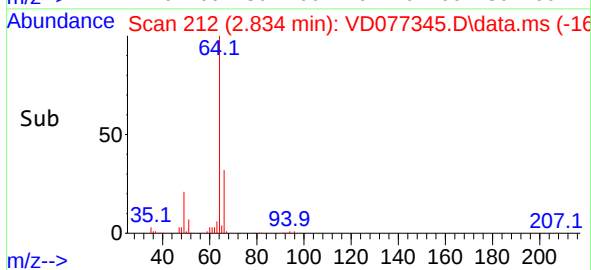
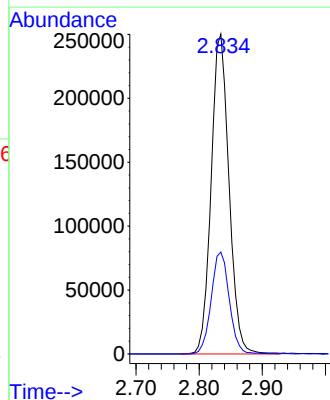
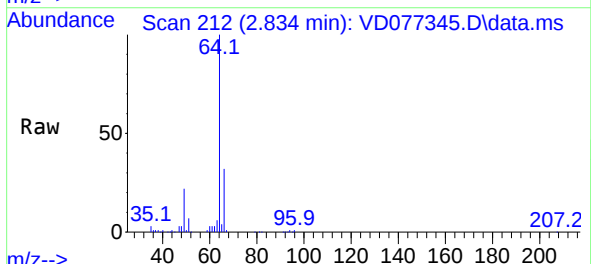
Instrument :
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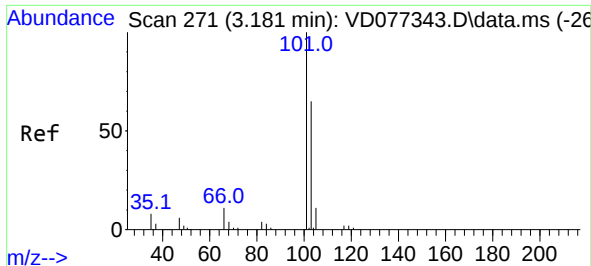
Tgt Ion: 94 Resp: 492886
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.8



#6
Chloroethane
Concen: 133.967 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 64 Resp: 491549
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

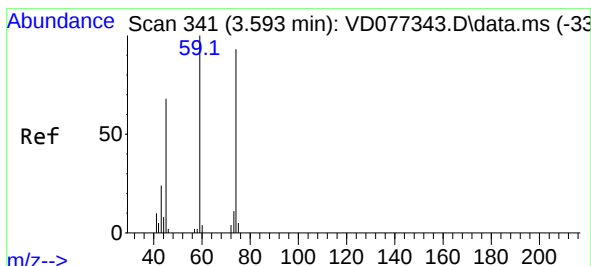
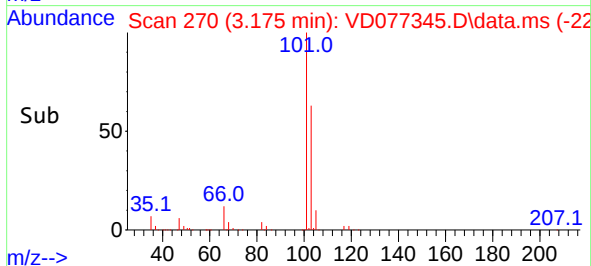
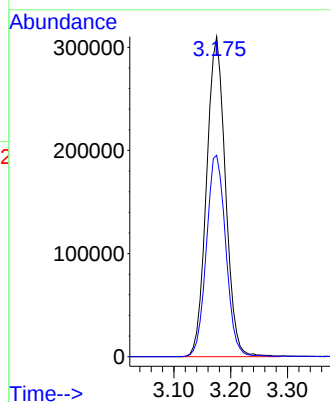
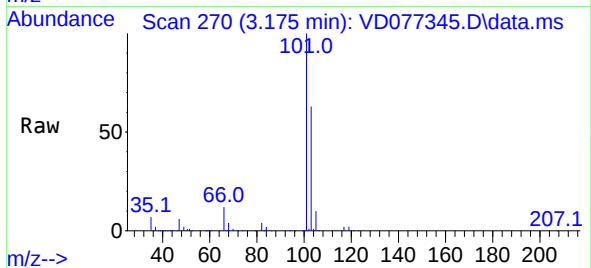




#7
Trichlorofluoromethane
Concen: 135.164 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

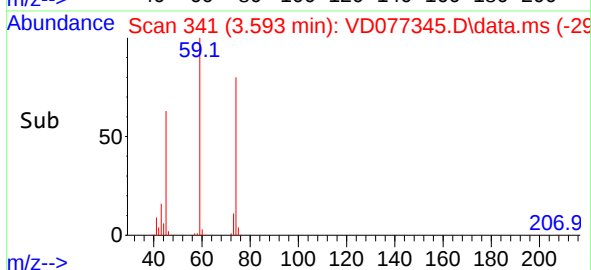
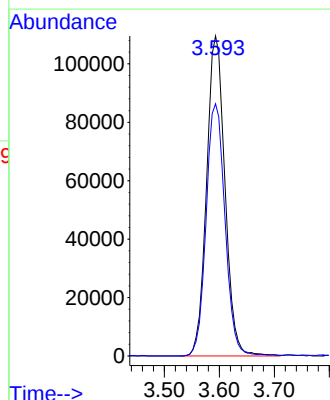
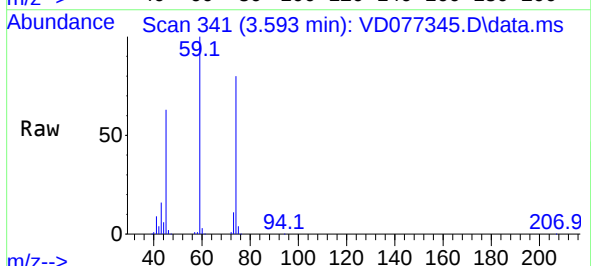
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MSVOA_D
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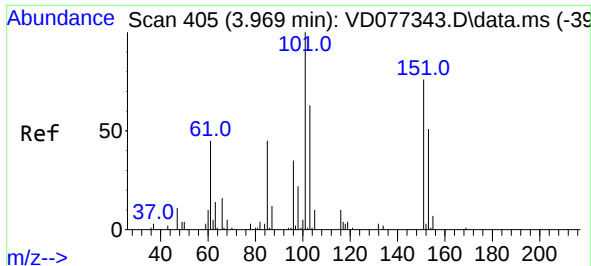
Tgt Ion:101 Resp: 715662
Ion Ratio Lower Upper
101 100
103 63.0 52.3 78.5



#8
Diethyl Ether
Concen: 179.090 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 254150
Ion Ratio Lower Upper
74 100
45 81.3 37.5 112.7

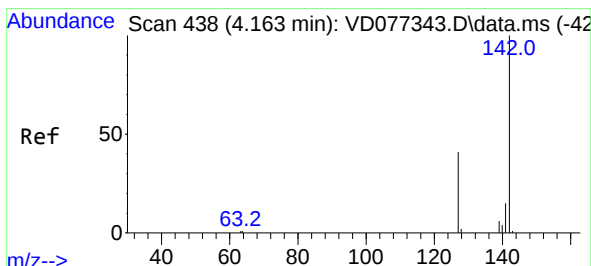
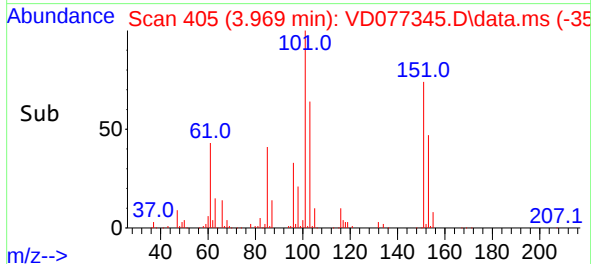
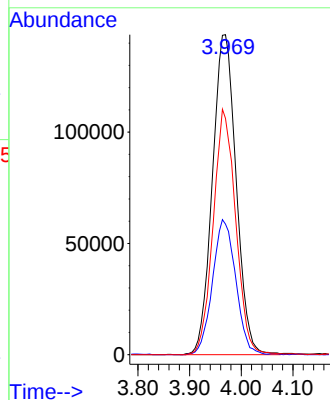
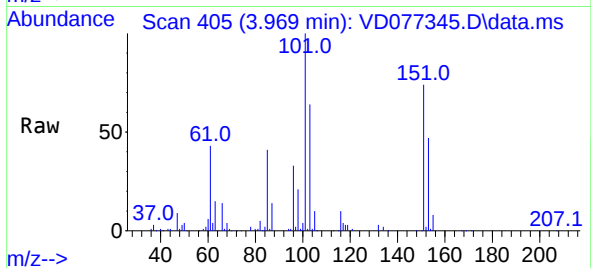




#9
1,1,2-Trichlorotrifluoroethane
Concen: 167.600 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

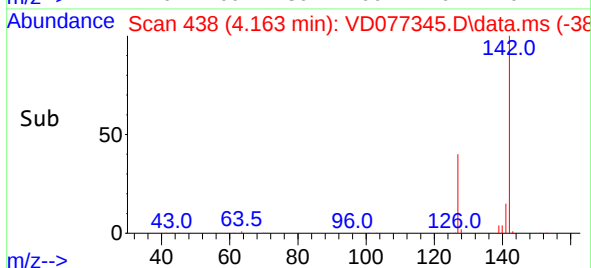
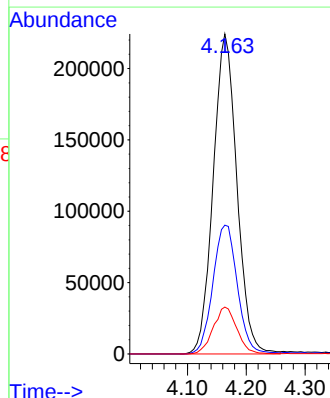
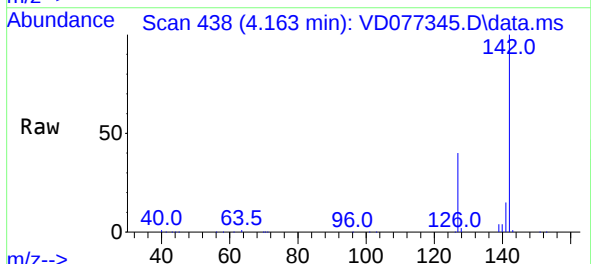
Instrument :
MSVOA_D
ClientSampleId :

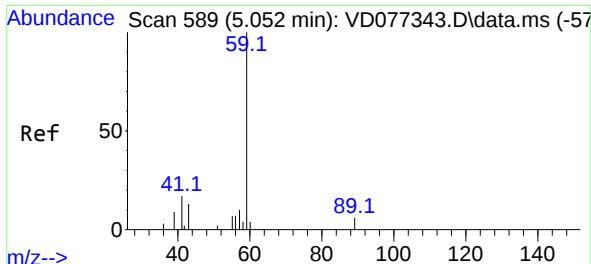
Tgt Ion:101 Resp: 459106
Ion Ratio Lower Upper
101 100
85 41.3 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 187.409 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:142 Resp: 628162
Ion Ratio Lower Upper
142 100
127 41.7 29.4 44.0
141 14.6 11.1 16.7

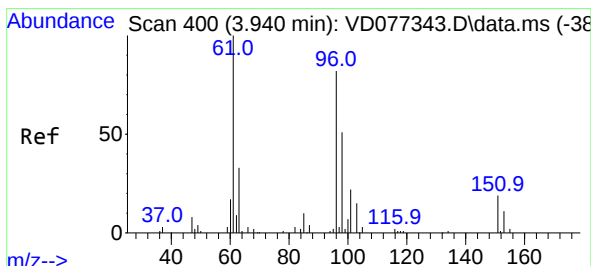
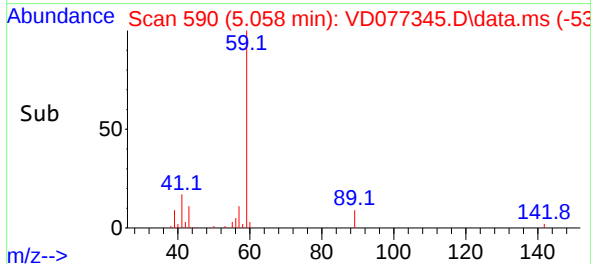
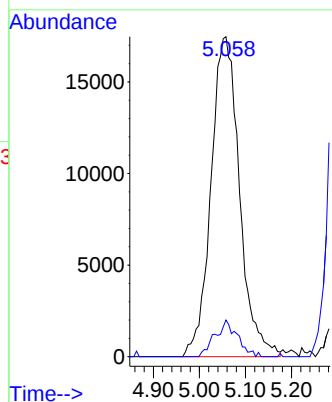
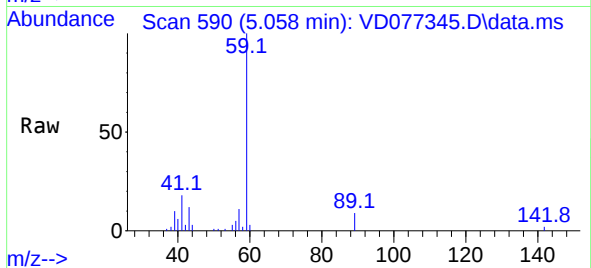




#11
Tert butyl alcohol
Concen: 640.441 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

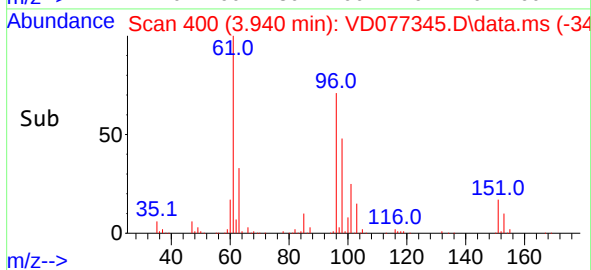
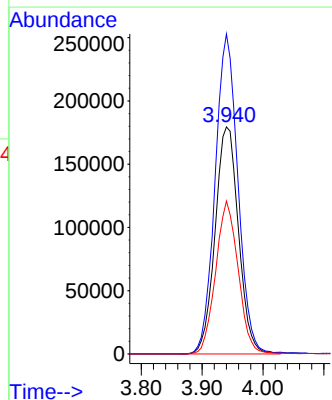
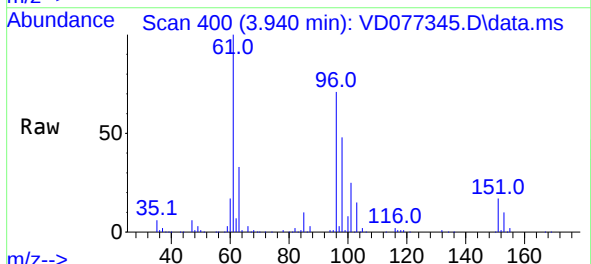
Instrument :
MSVOA_D
ClientSampleId :

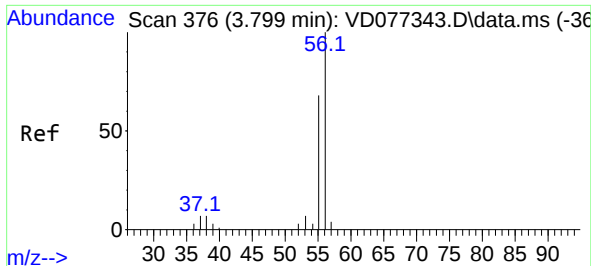
Tgt Ion: 59 Resp: 75083
Ion Ratio Lower Upper
59 100
57 9.0 7.8 11.8



#12
1,1-Dichloroethene
Concen: 178.460 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 96 Resp: 479572
Ion Ratio Lower Upper
96 100
61 140.9 100.6 150.8
98 67.4 50.2 75.2





#13

Acrolein

Concen: 924.789 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

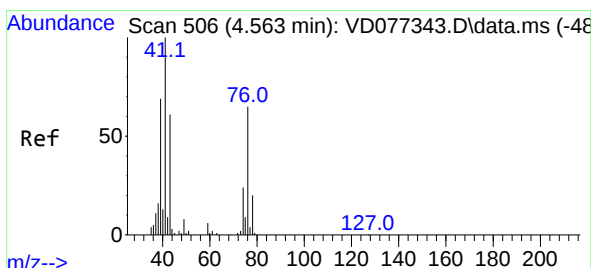
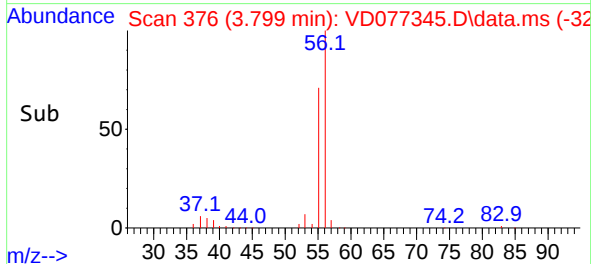
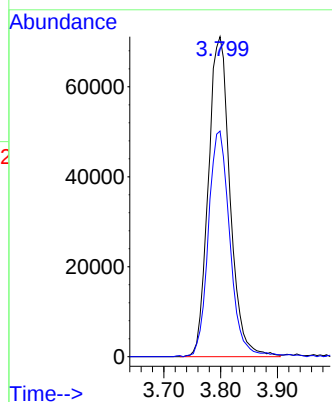
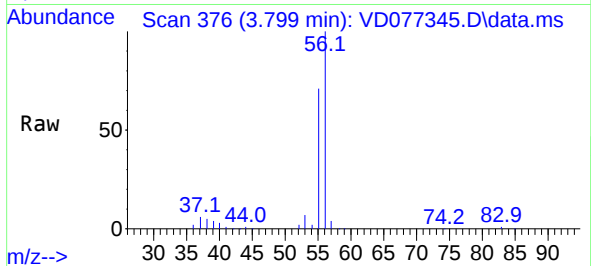
ClientSampleId :

Tgt Ion: 56 Resp: 188205

Ion Ratio Lower Upper

56 100

55 70.0 55.1 82.7



#14

Allyl chloride

Concen: 202.926 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

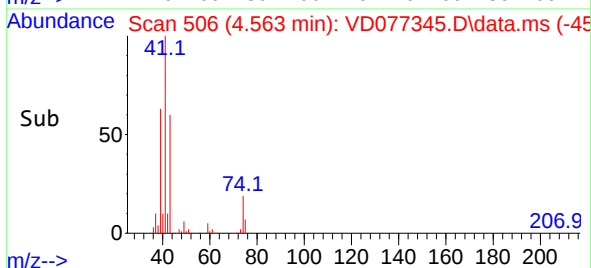
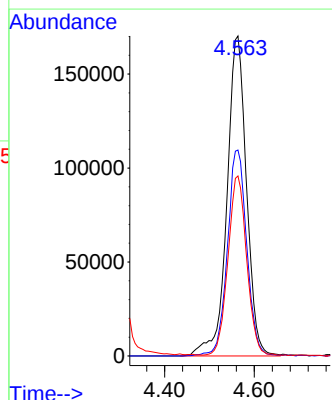
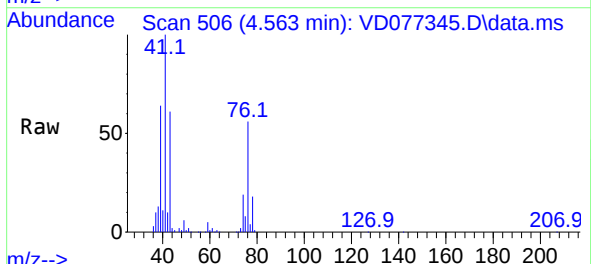
Tgt Ion: 41 Resp: 517408

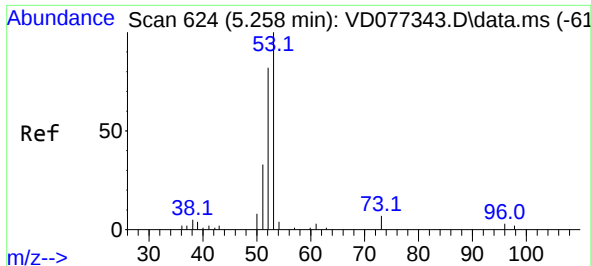
Ion Ratio Lower Upper

41 100

39 63.5 53.8 80.6

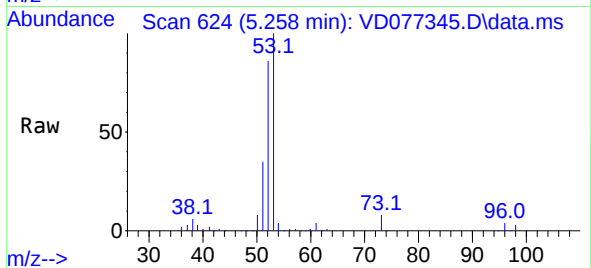
76 53.6 45.8 68.8



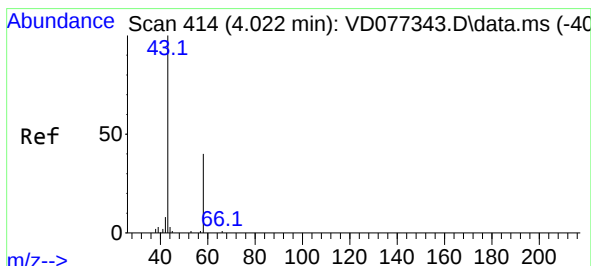
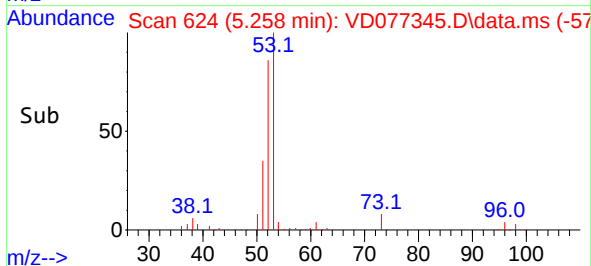
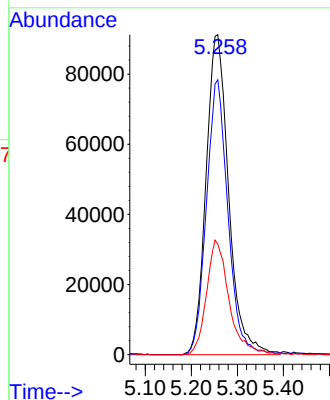


#15
Acrylonitrile
Concen: 726.076 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

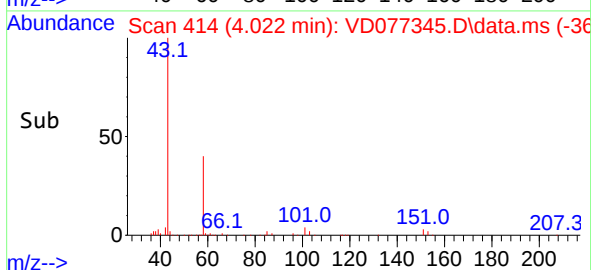
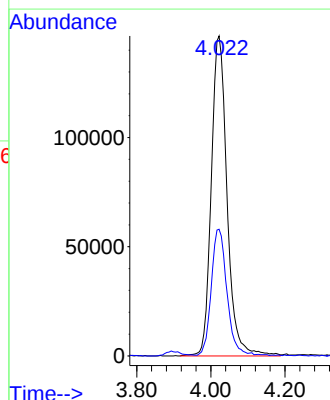
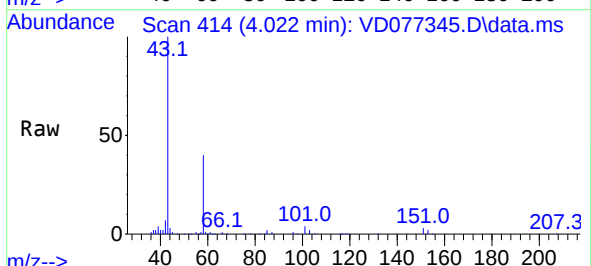


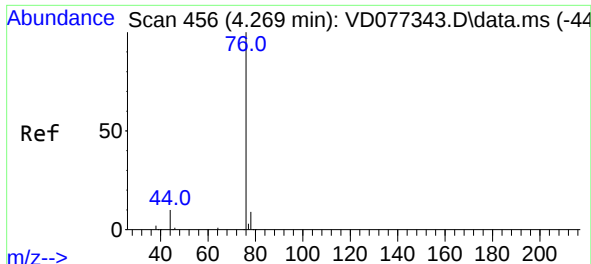
Tgt Ion: 53 Resp: 312250
Ion Ratio Lower Upper
53 100
52 81.8 65.0 97.4
51 35.8 28.3 42.5



#16
Acetone
Concen: 948.522 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 43 Resp: 433485
Ion Ratio Lower Upper
43 100
58 39.4 34.7 52.1

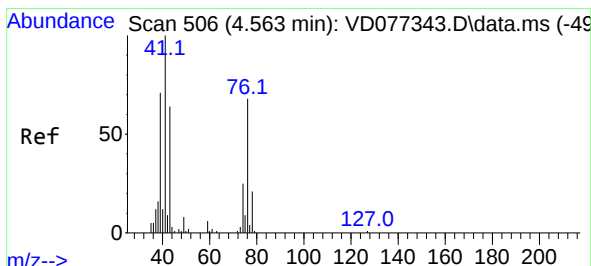
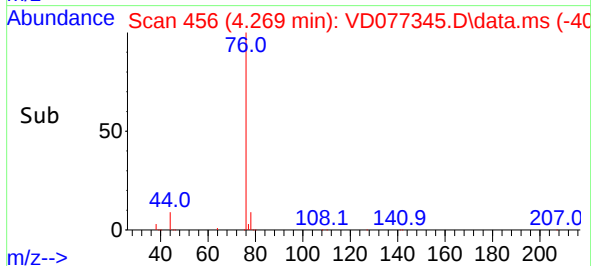
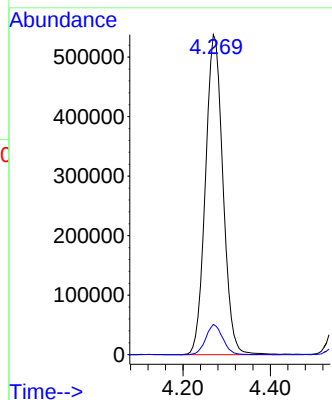
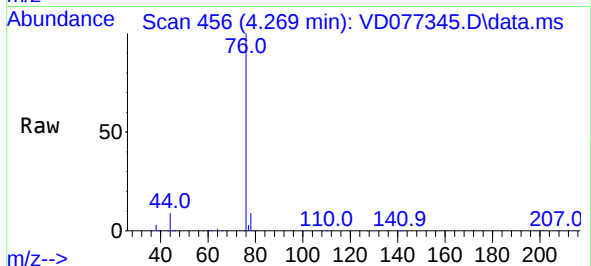




#17
Carbon Disulfide
Concen: 189.986 ug/l
RT: 4.269 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

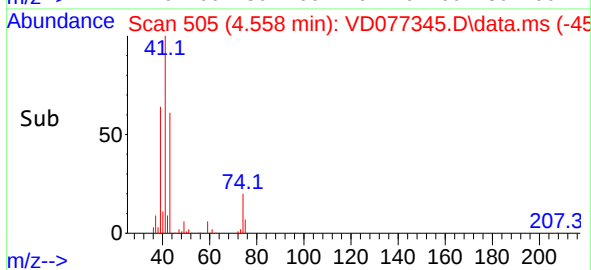
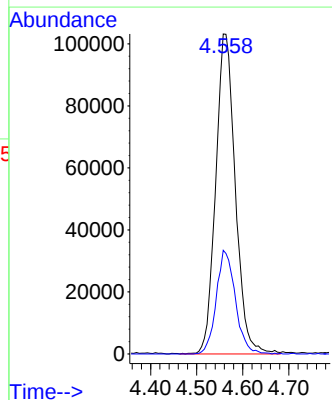
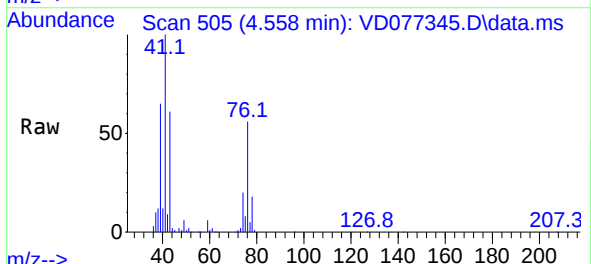
Instrument :
MSVOA_D
ClientSampleId :

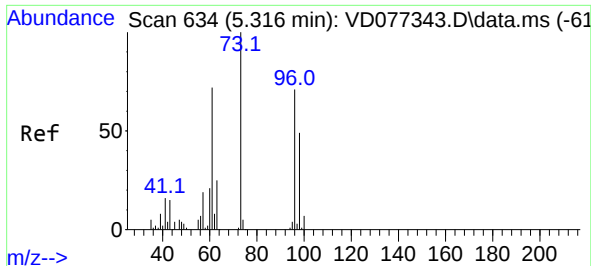
Tgt Ion: 76 Resp: 1500837
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 191.835 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 43 Resp: 305123
Ion Ratio Lower Upper
43 100
74 31.4 26.4 39.6

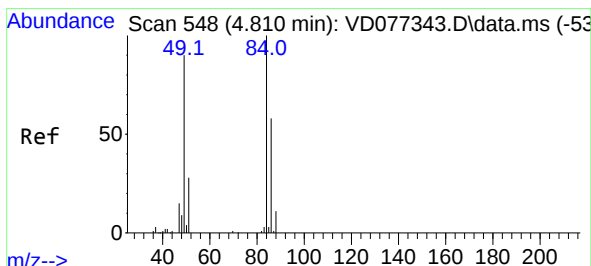
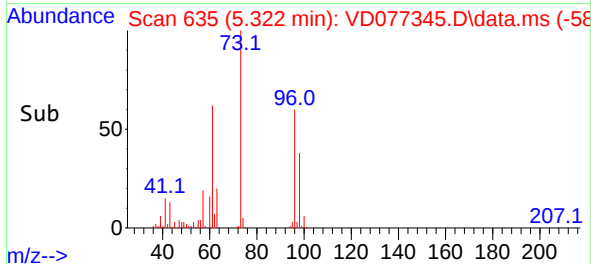
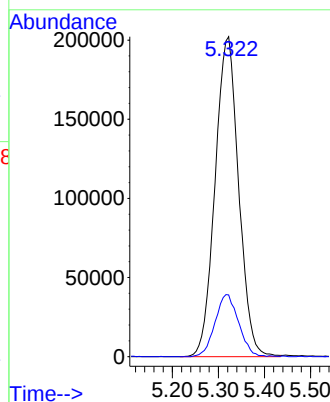
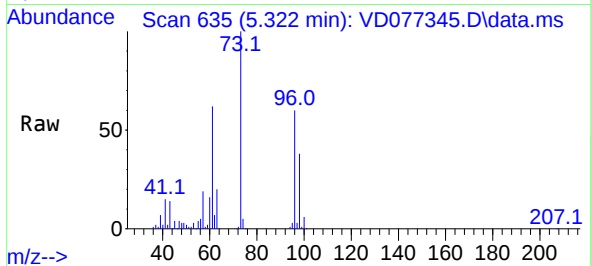




#19
Methyl tert-butyl Ether
Concen: 156.794 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

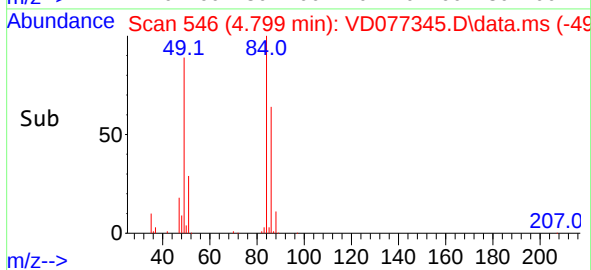
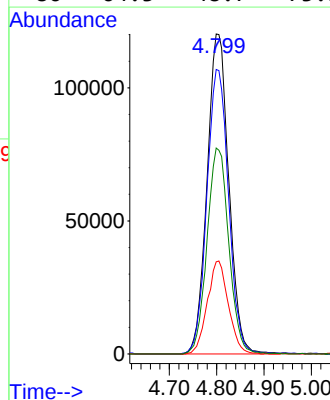
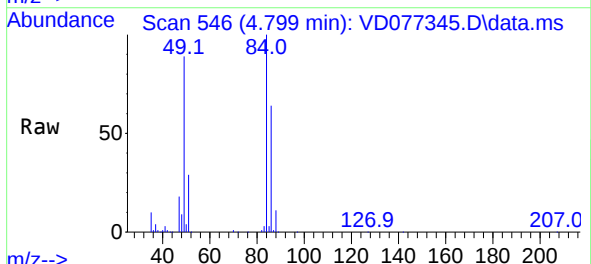
Instrument :
MSVOA_D
ClientSampleId :

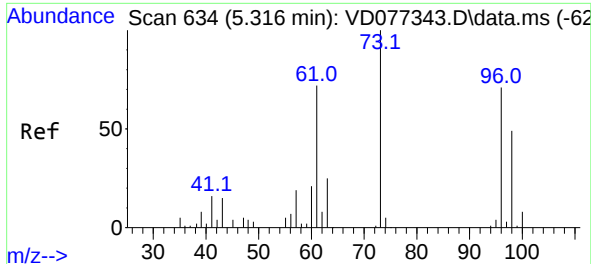
Tgt Ion: 73 Resp: 717671
Ion Ratio Lower Upper
73 100
57 19.3 16.6 25.0



#20
Methylene Chloride
Concen: 148.066 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

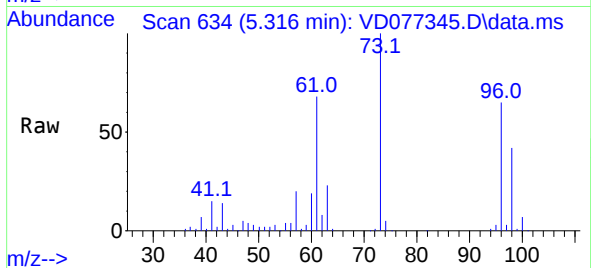
Tgt Ion: 84 Resp: 383667
Ion Ratio Lower Upper
84 100
49 88.9 71.4 107.2
51 28.8 24.5 36.7
86 64.3 48.7 73.1





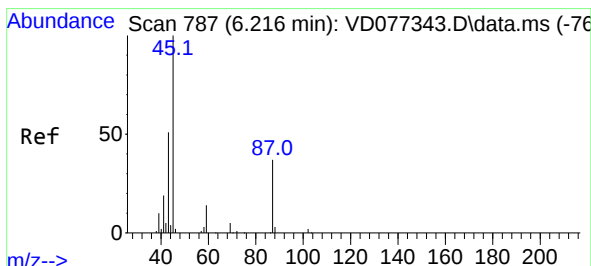
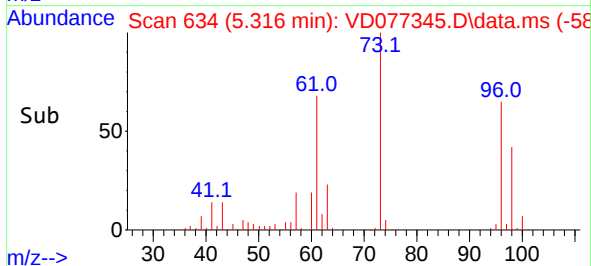
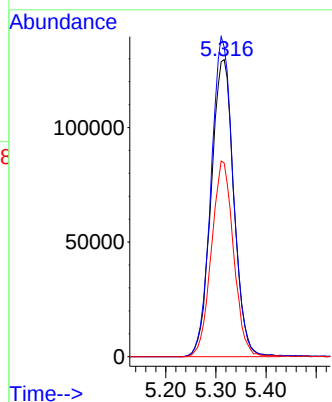
#21
trans-1,2-Dichloroethene
Concen: 145.854 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 96 Resp: 407662

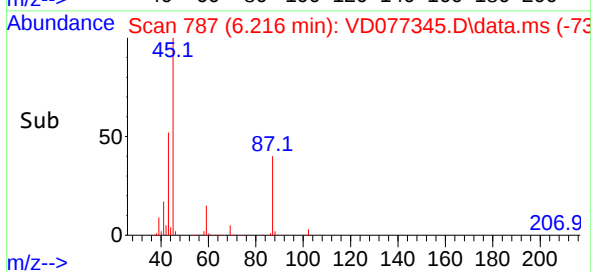
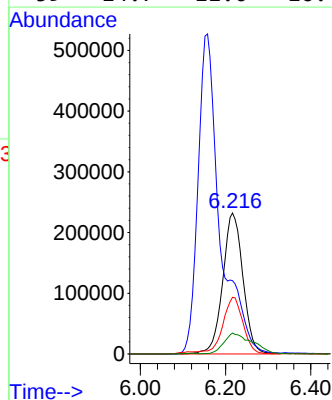
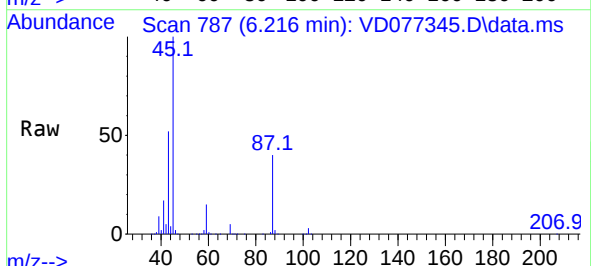
Ion	Ratio	Lower	Upper
96	100		
61	104.2	89.3	133.9
98	65.2	48.6	73.0

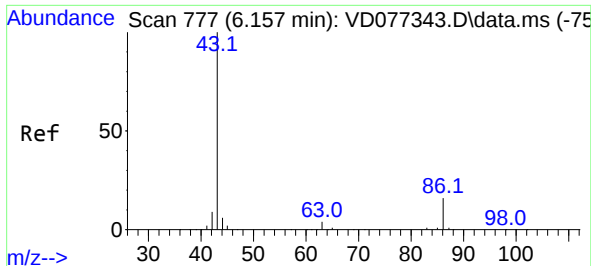


#22
Diisopropyl ether
Concen: 152.758 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 45 Resp: 764586

Ion	Ratio	Lower	Upper
45	100		
43	51.3	40.0	60.0
87	40.0	28.2	42.4
59	14.7	11.0	16.4

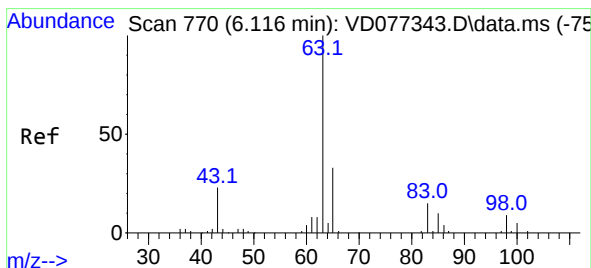
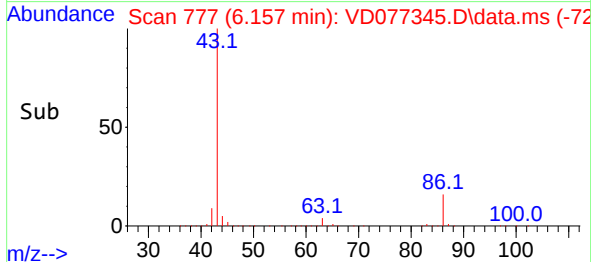
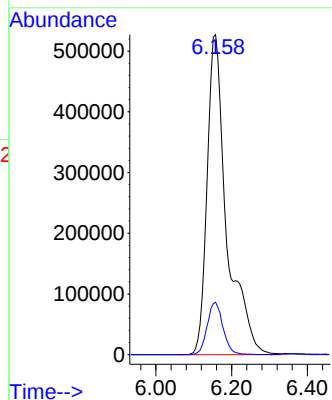
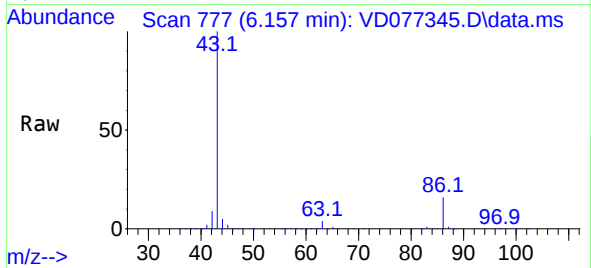




#23
 Vinyl Acetate
 Concen: 805.361 ug/l
 RT: 6.157 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

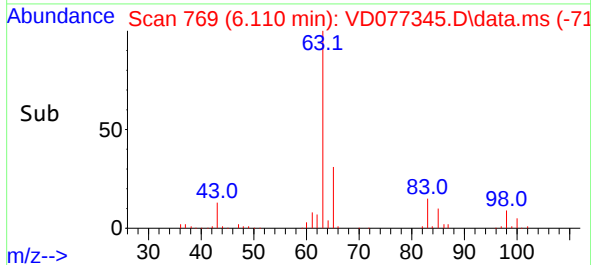
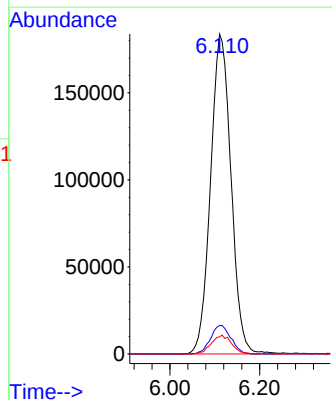
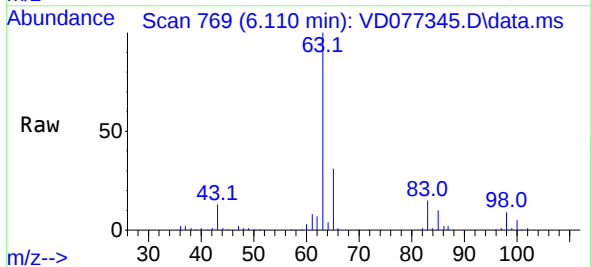
Instrument :
 MSVOA_D
 ClientSampleId :

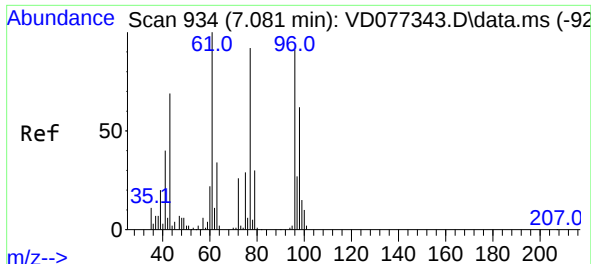
Tgt Ion: 43 Resp: 1889064
 Ion Ratio Lower Upper
 43 100
 86 16.4 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 139.716 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

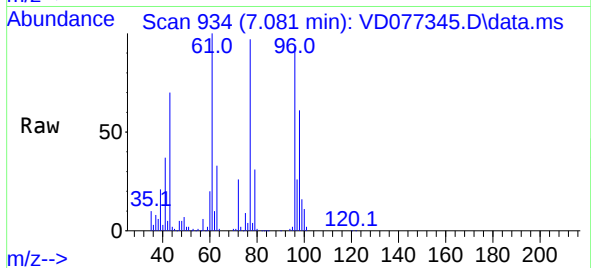
Tgt Ion: 63 Resp: 581429
 Ion Ratio Lower Upper
 63 100
 98 8.9 4.5 13.7
 100 5.4 2.5 7.5



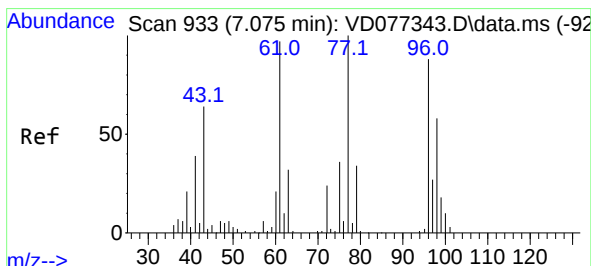
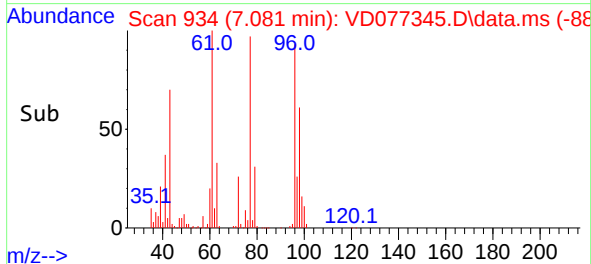
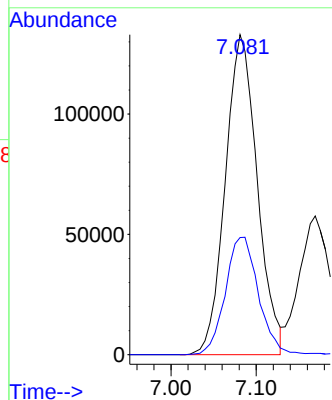


#25
2-Butanone
Concen: 731.285 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

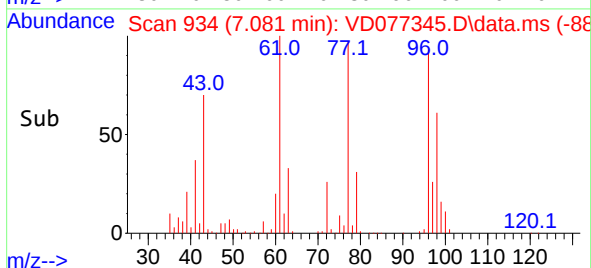
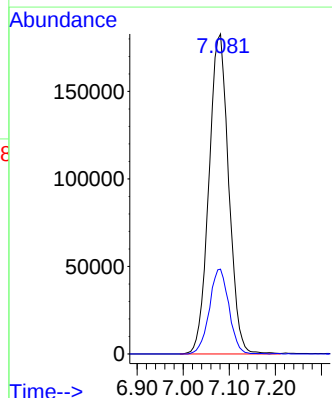
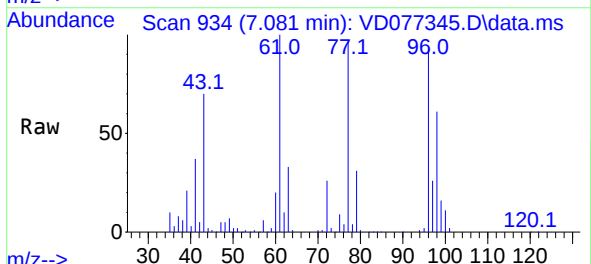


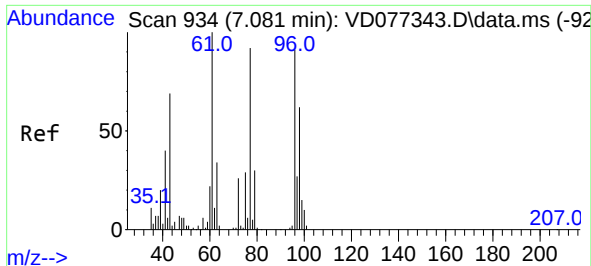
Tgt Ion: 43 Resp: 346682
Ion Ratio Lower Upper
43 100
72 36.6 30.7 46.1



#26
2,2-Dichloropropane
Concen: 143.774 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 77 Resp: 545549
Ion Ratio Lower Upper
77 100
97 26.2 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 150.007 ug/l

RT: 7.081 min Scan# 911

Delta R.T. -0.000 min

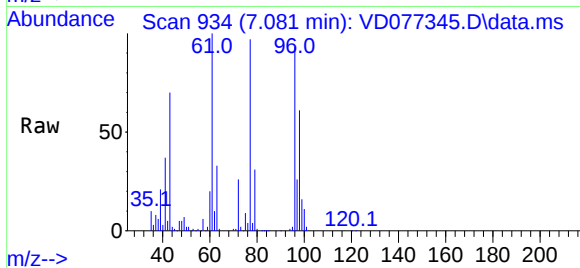
Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :



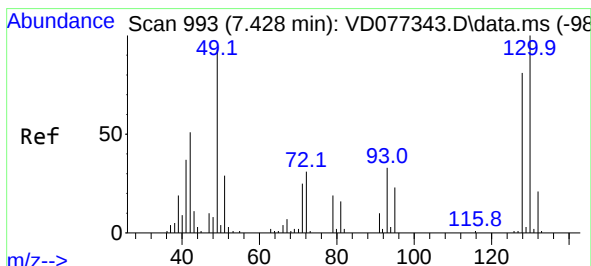
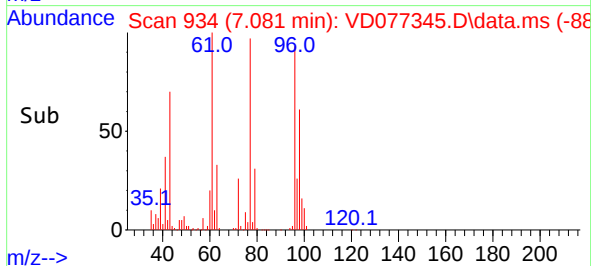
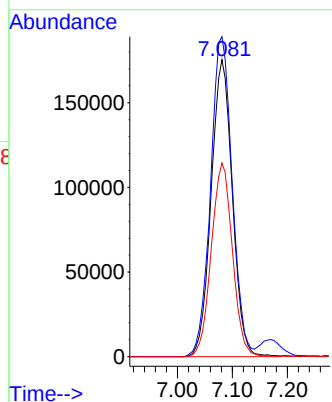
Tgt Ion: 96 Resp: 470111

Ion Ratio Lower Upper

96 100

61 109.9 0.0 239.2

98 65.1 0.0 128.6



#28

Bromochloromethane

Concen: 135.848 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

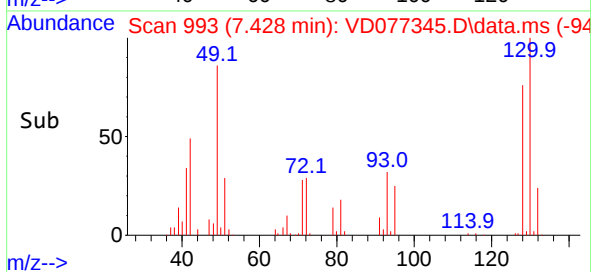
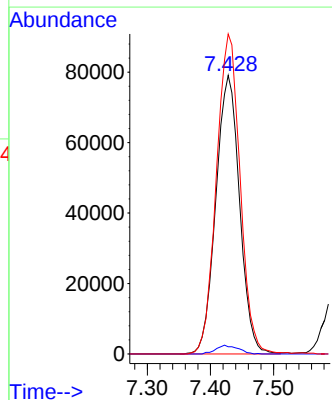
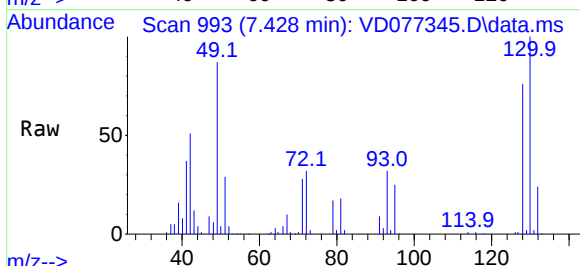
Tgt Ion: 49 Resp: 206511

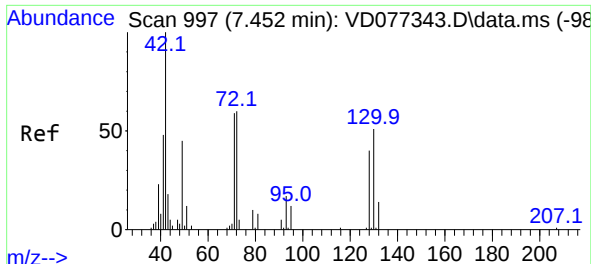
Ion Ratio Lower Upper

49 100

129 2.9 0.0 6.0

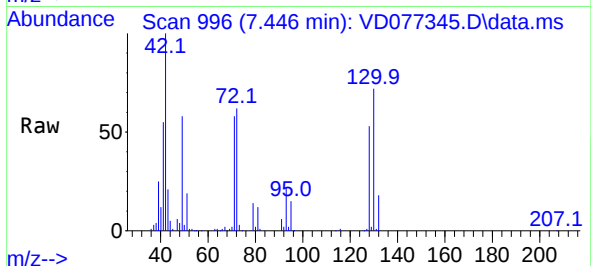
130 114.5 83.2 124.8



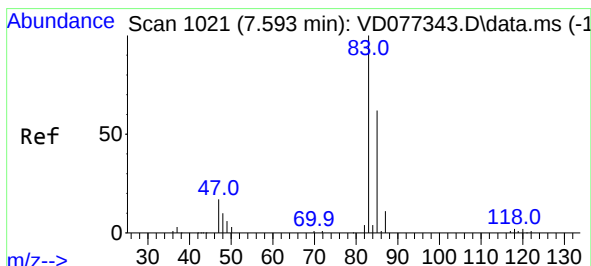
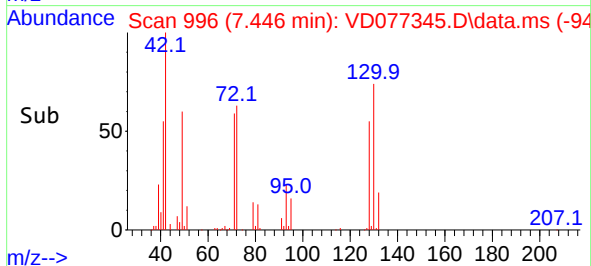
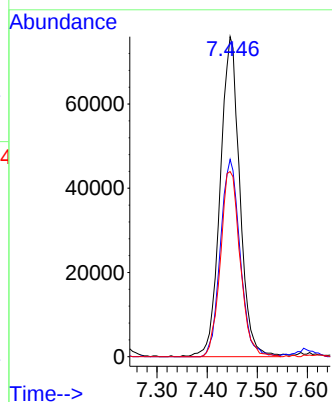


#29
Tetrahydrofuran
Concen: 754.235 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

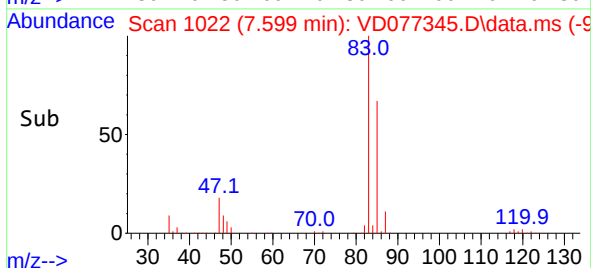
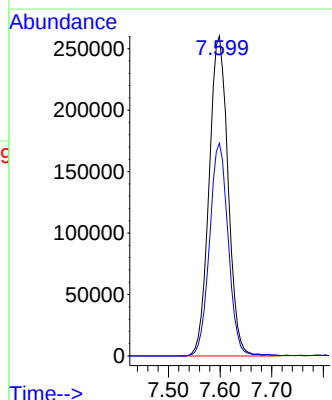
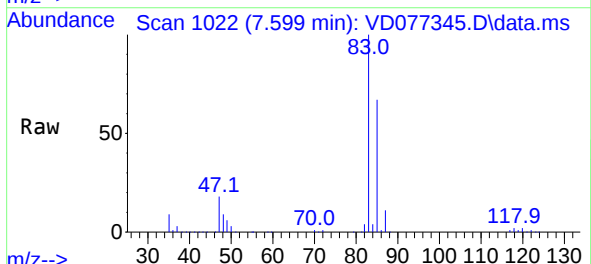


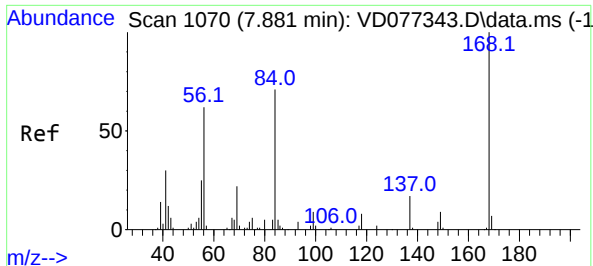
Tgt Ion: 42 Resp: 206260
Ion Ratio Lower Upper
42 100
72 61.8 46.5 69.7
71 58.3 44.5 66.7



#30
Chloroform
Concen: 138.882 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

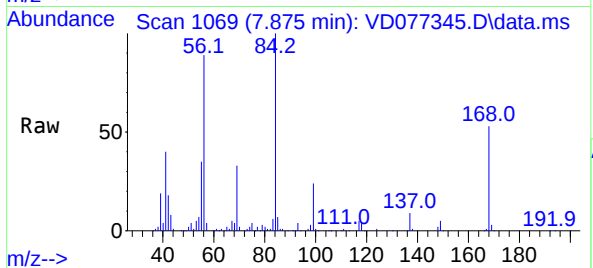
Tgt Ion: 83 Resp: 663120
Ion Ratio Lower Upper
83 100
85 66.5 53.4 80.2



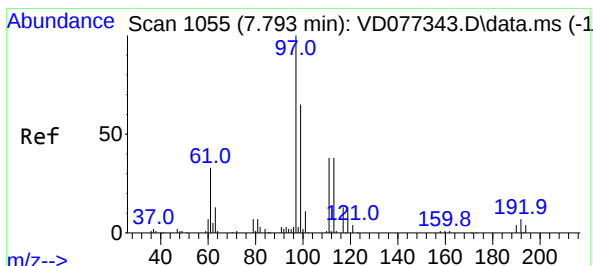
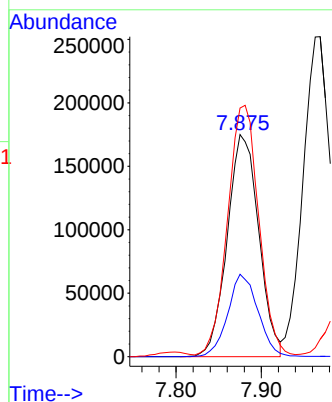
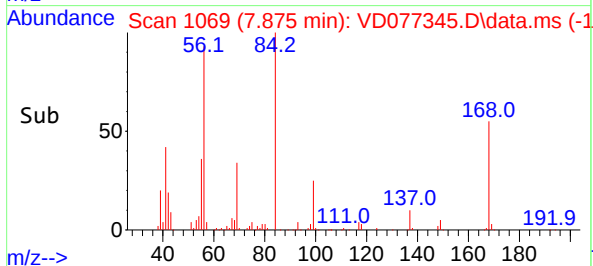


#31
Cyclohexane
Concen: 138.606 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

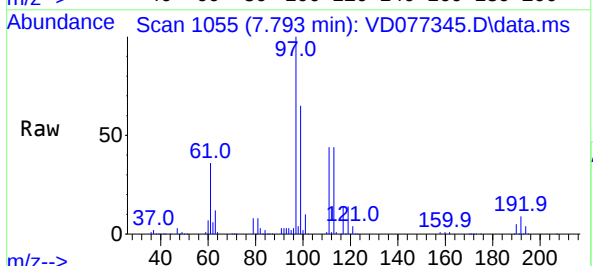
Instrument :
MSVOA_D
ClientSampleId :



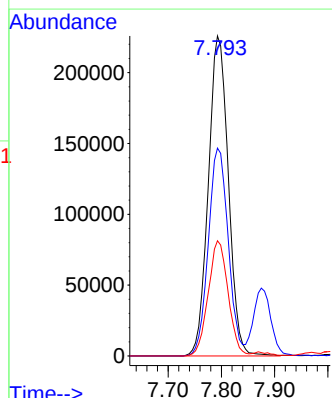
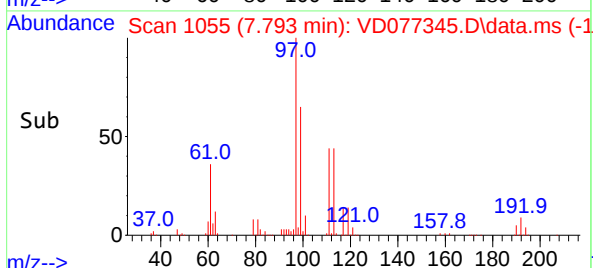
Tgt Ion: 56 Resp: 449431
Ion Ratio Lower Upper
56 100
69 37.1 28.6 43.0
84 110.0 84.8 127.2

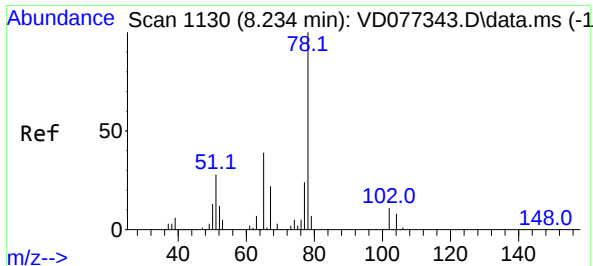


#32
1,1,1-Trichloroethane
Concen: 143.214 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22



Tgt Ion: 97 Resp: 589927
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 35.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 129.787 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

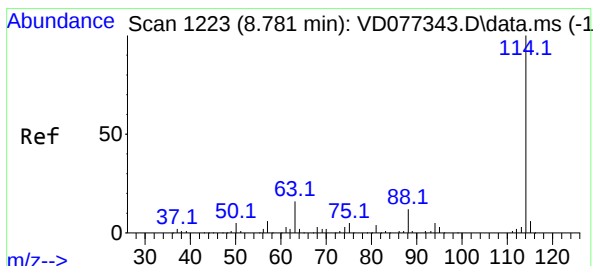
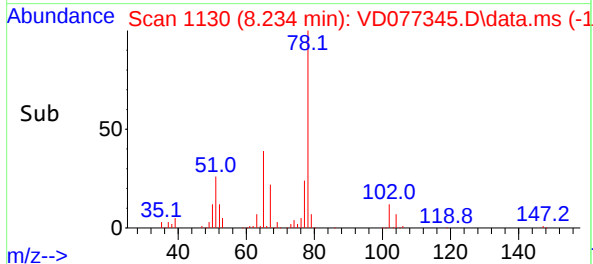
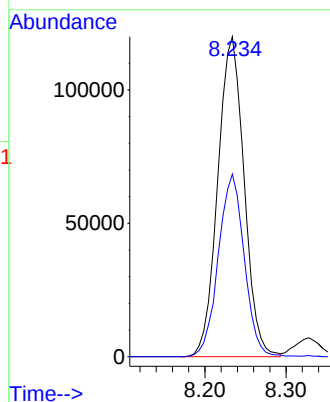
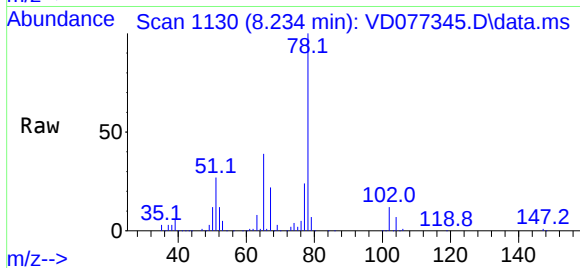
ClientSampleId :

Tgt Ion: 65 Resp: 270485

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

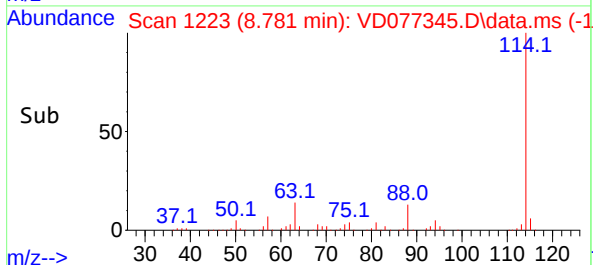
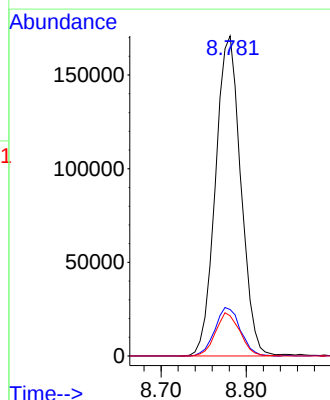
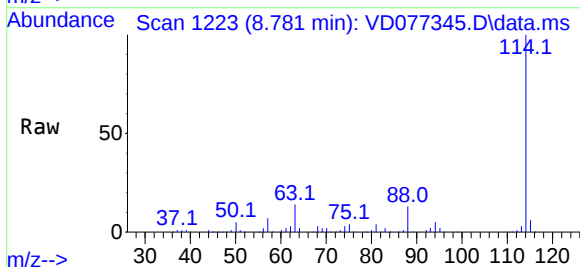
Tgt Ion: 114 Resp: 352509

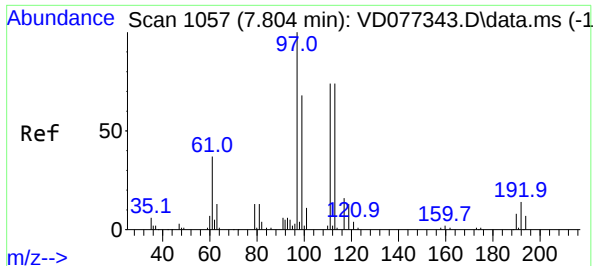
Ion Ratio Lower Upper

114 100

63 14.5 0.0 33.4

88 12.5 0.0 26.2

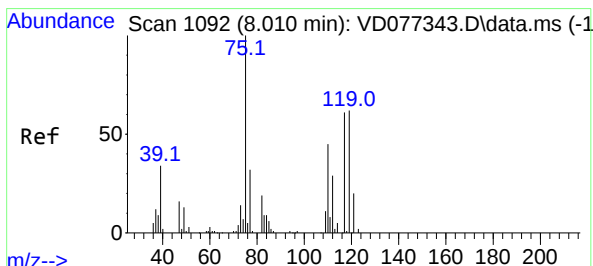
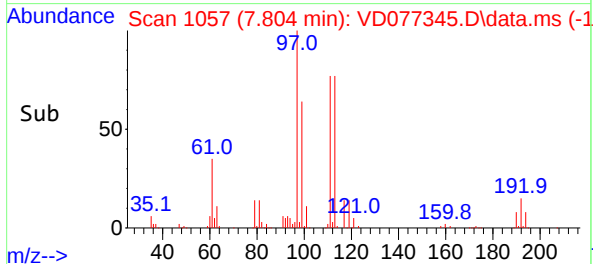
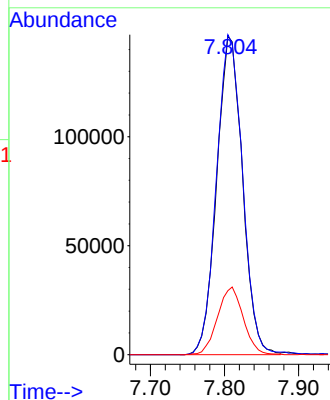
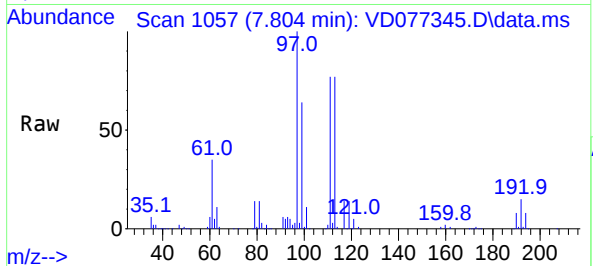




#35
Dibromofluoromethane
Concen: 142.448 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

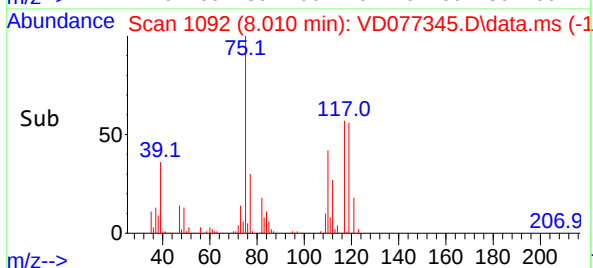
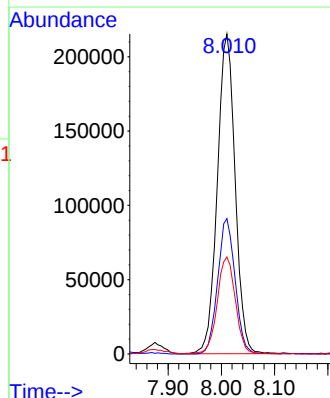
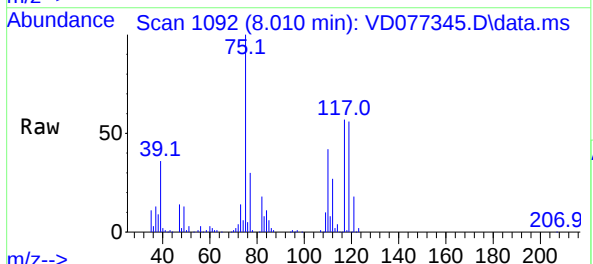
Instrument :
MSVOA_D
ClientSampleId :

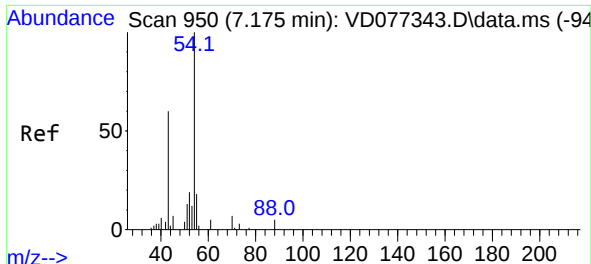
Tgt Ion:113 Resp: 352776
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 21.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 153.642 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

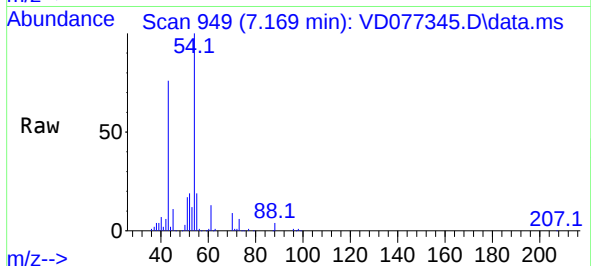
Tgt Ion: 75 Resp: 499968
Ion Ratio Lower Upper
75 100
110 41.4 19.9 59.6
77 31.0 24.7 37.1



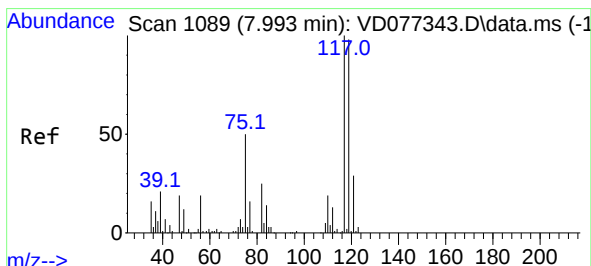
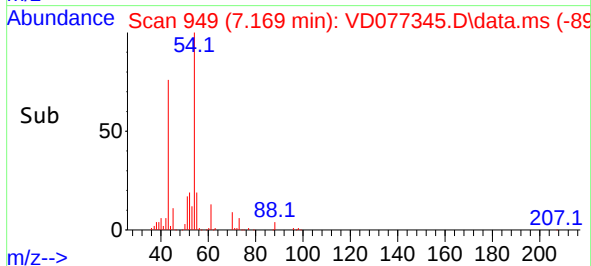
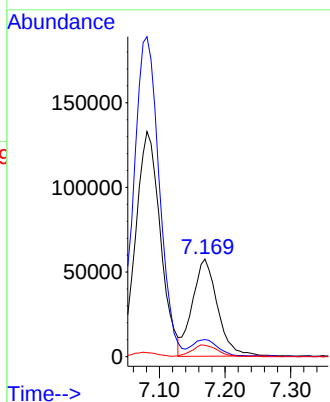


#37
Ethyl Acetate
Concen: 150.353 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

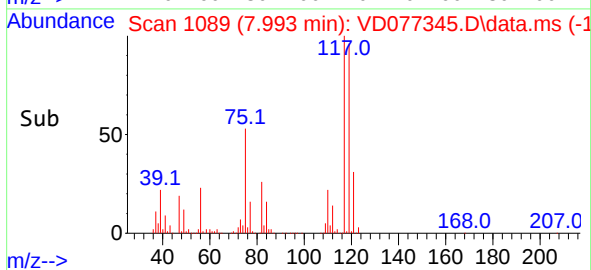
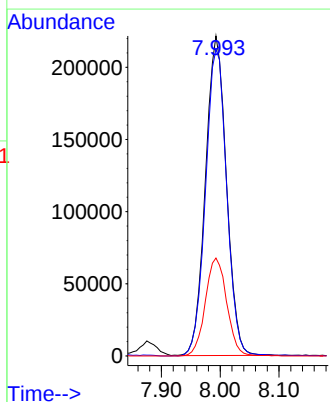
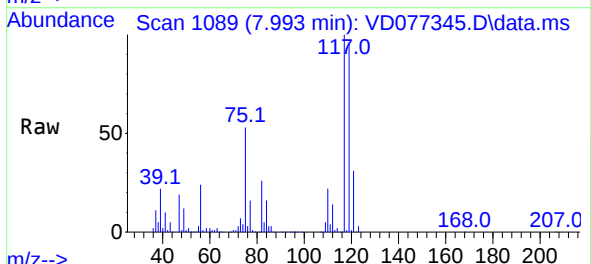


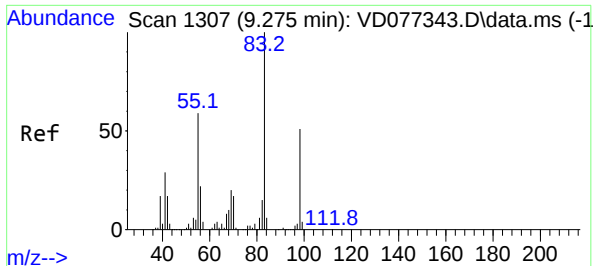
Tgt Ion: 43 Resp: 153687
Ion Ratio Lower Upper
43 100
61 18.0 14.9 22.3
70 11.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 151.498 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 117 Resp: 548422
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 160.789 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :

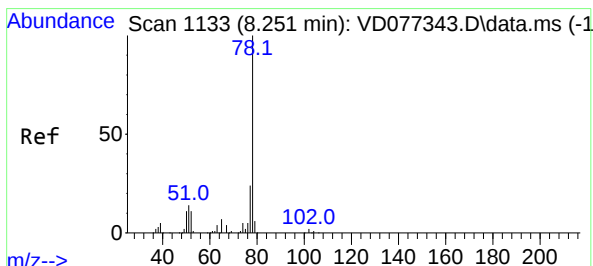
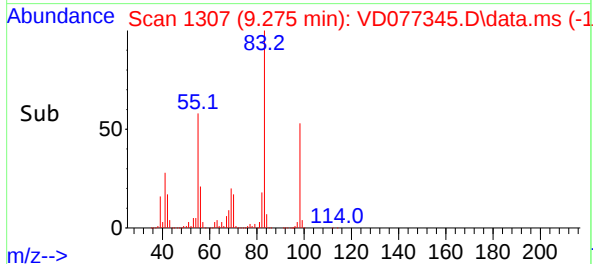
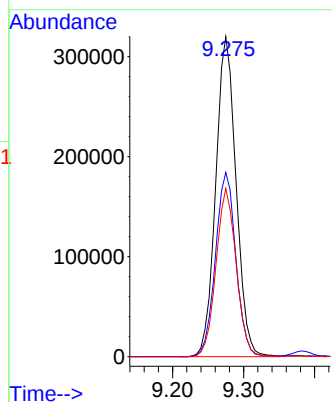
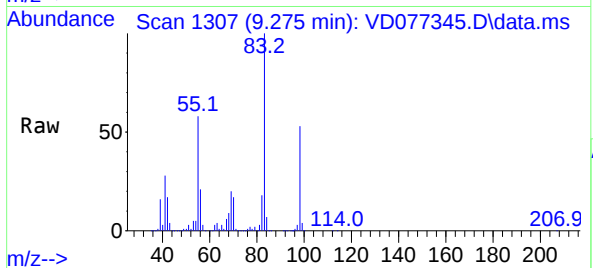
Tgt Ion: 83 Resp: 635763

Ion Ratio Lower Upper

83 100

55 57.5 49.4 74.0

98 52.6 38.4 57.6



#40

Benzene

Concen: 152.236 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077345.D

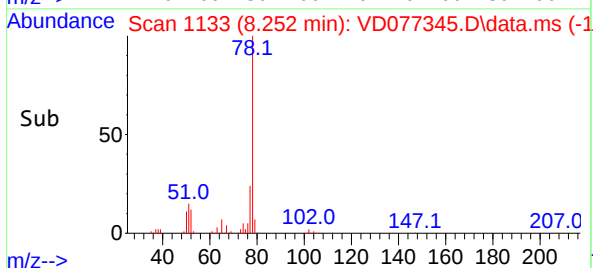
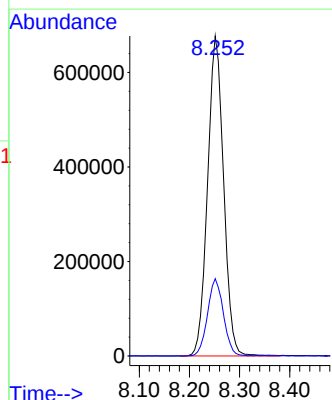
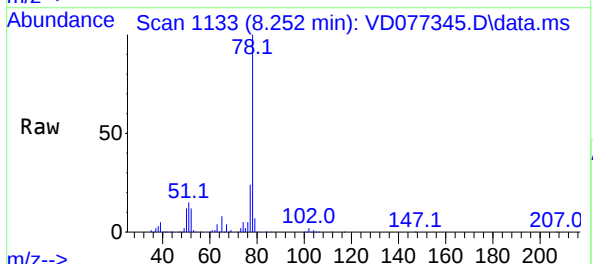
Acq: 17 Oct 2023 17:22

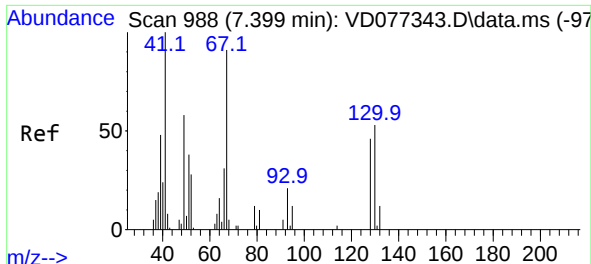
Tgt Ion: 78 Resp: 1503362

Ion Ratio Lower Upper

78 100

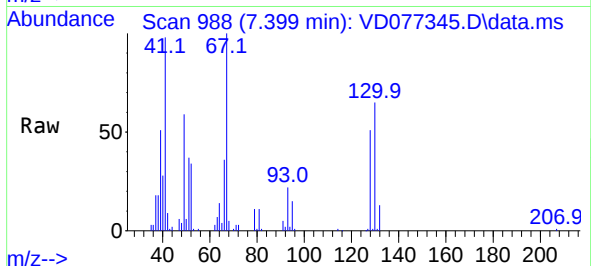
77 24.2 19.4 29.0



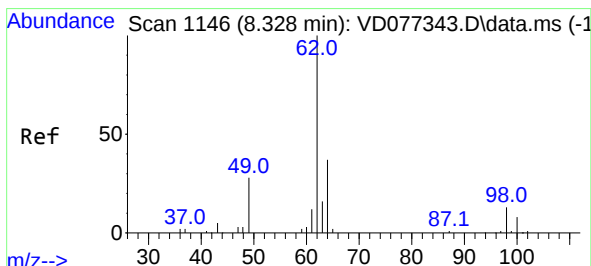
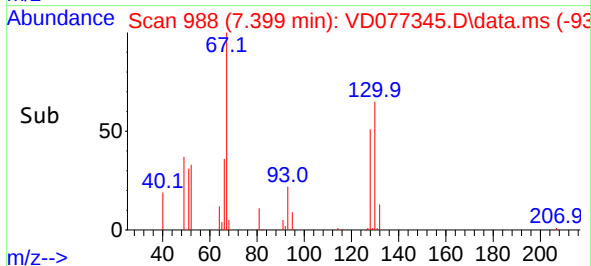
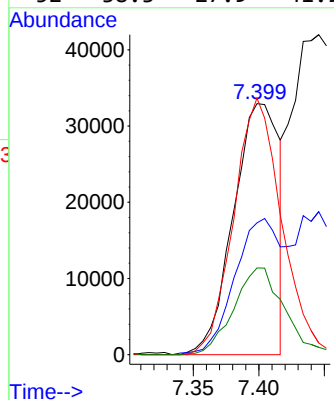


#41
Methacrylonitrile
Concen: 163.106 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

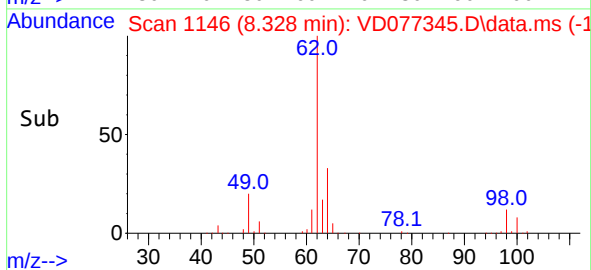
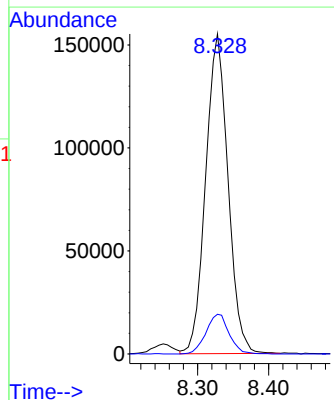
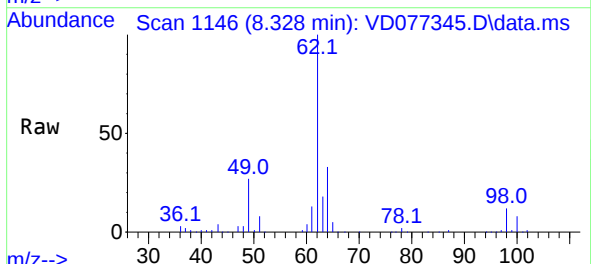


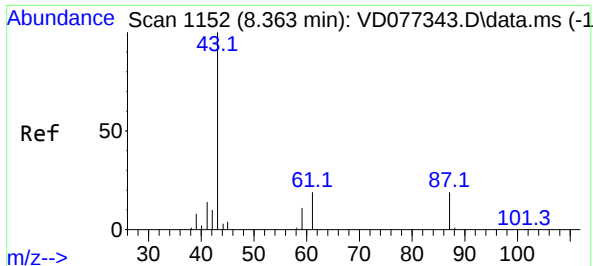
Tgt Ion: 41 Resp: 79568
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0#
67 108.4 77.0 115.4
52 38.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 145.678 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 62 Resp: 338854
Ion Ratio Lower Upper
62 100
98 12.9 0.0 25.4

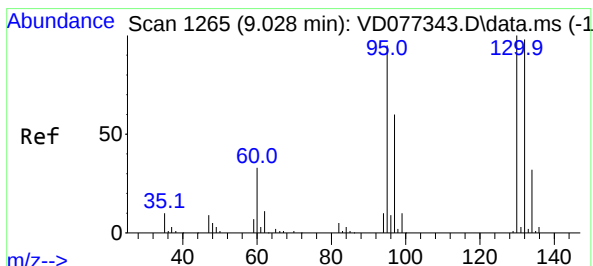
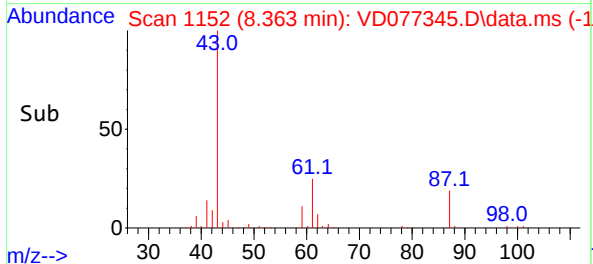
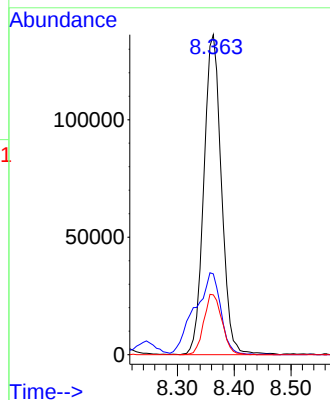
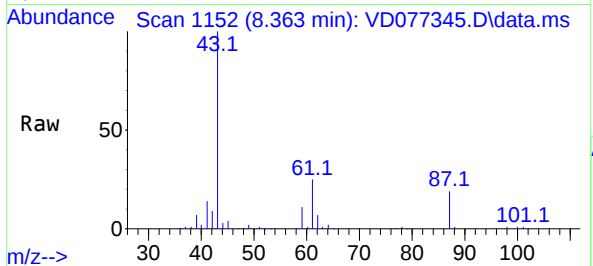




#43
Isopropyl Acetate
Concen: 158.808 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

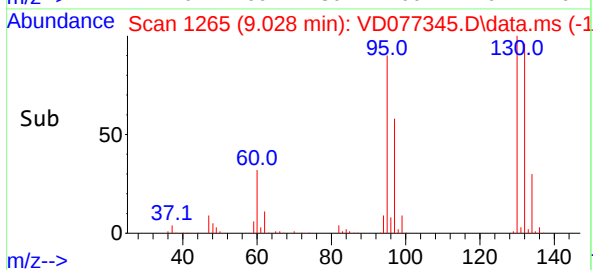
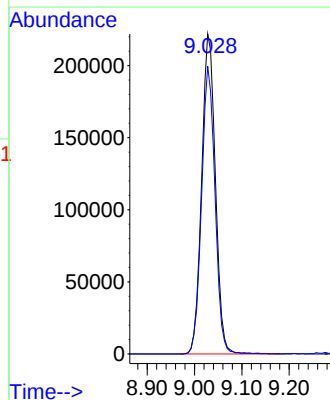
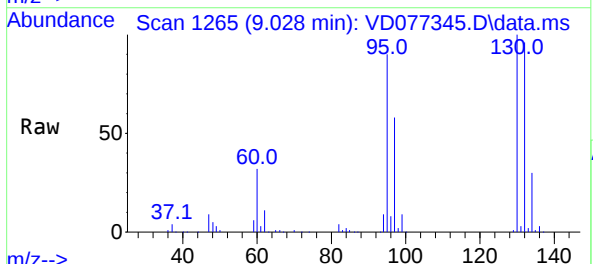
Instrument :
MSVOA_D
ClientSampleId :

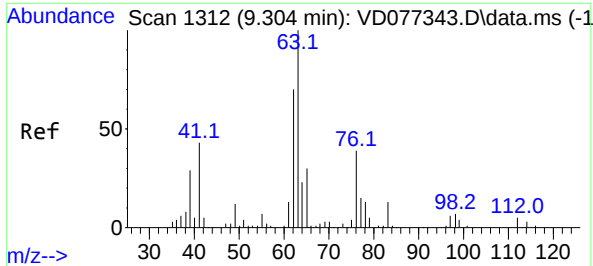
Tgt Ion: 43 Resp: 292235
Ion Ratio Lower Upper
43 100
61 37.9 31.4 47.0
87 19.4 14.9 22.3



#44
Trichloroethene
Concen: 154.620 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:130 Resp: 446420
Ion Ratio Lower Upper
130 100
95 89.9 0.0 179.2

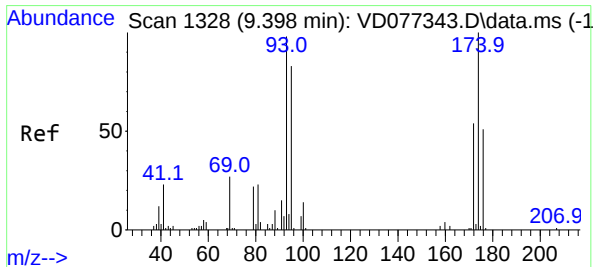
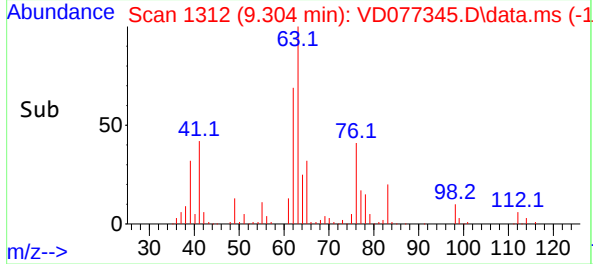
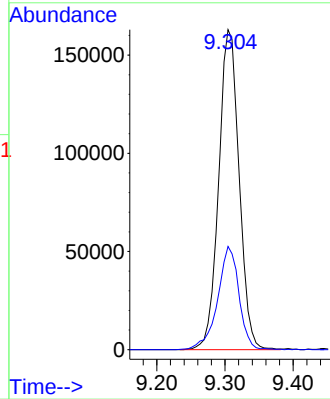
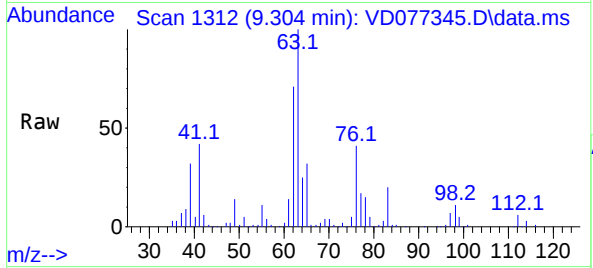




#45
1,2-Dichloropropane
Concen: 149.235 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

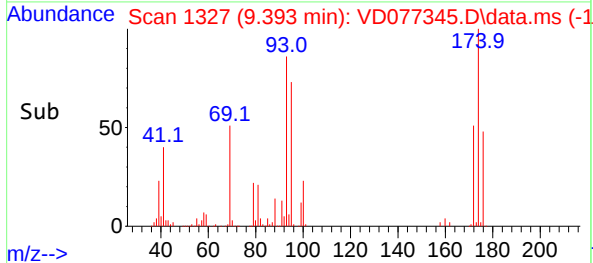
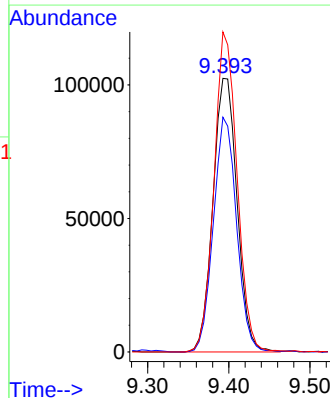
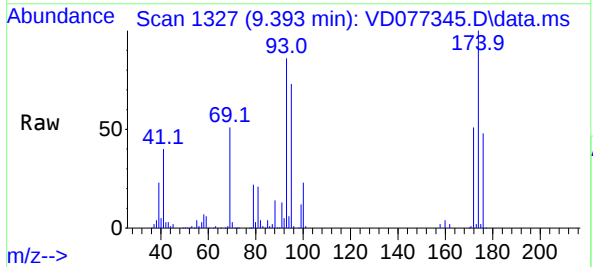
Instrument :
MSVOA_D
ClientSampleId :

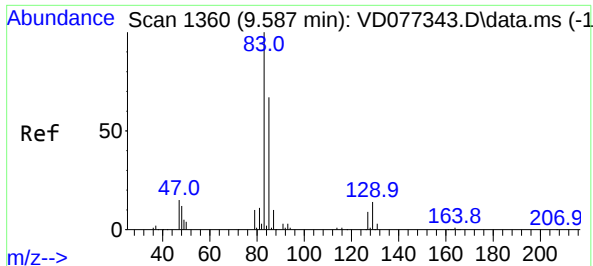
Tgt Ion: 63 Resp: 339717
Ion Ratio Lower Upper
63 100
65 32.1 24.5 36.7



#46
Dibromomethane
Concen: 148.844 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. -0.005 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

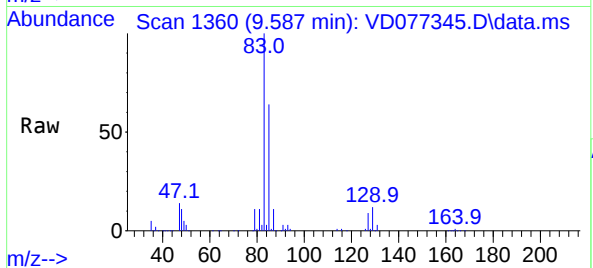
Tgt Ion: 93 Resp: 211828
Ion Ratio Lower Upper
93 100
95 82.7 67.7 101.5
174 112.0 85.4 128.2



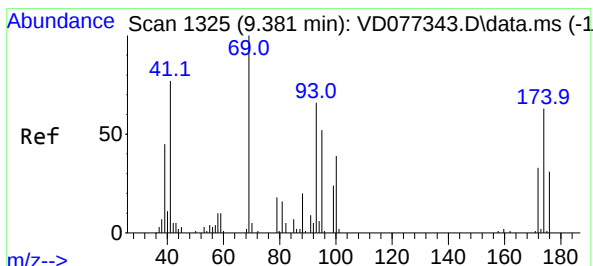
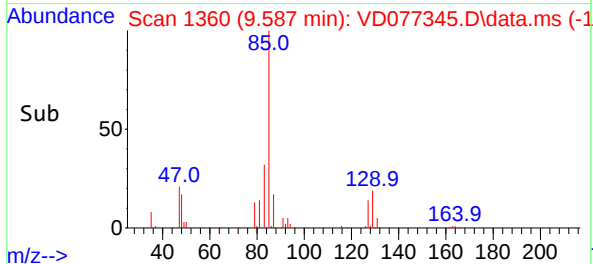
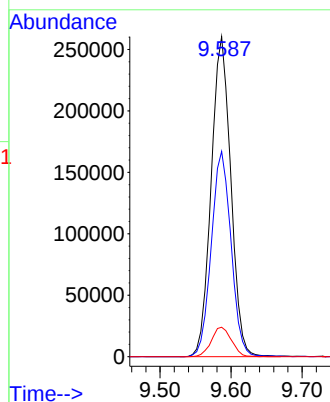


#47
Bromodichloromethane
Concen: 147.043 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

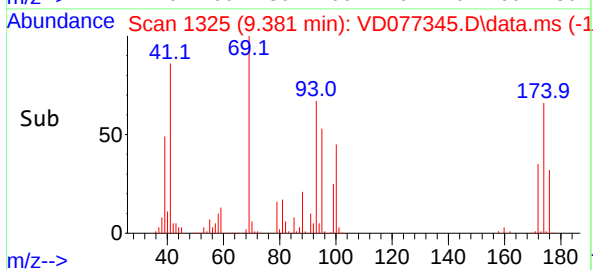
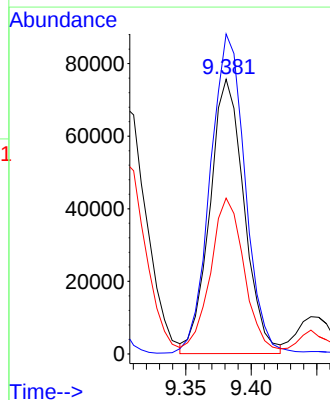
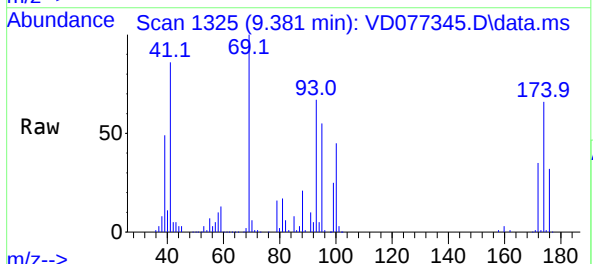


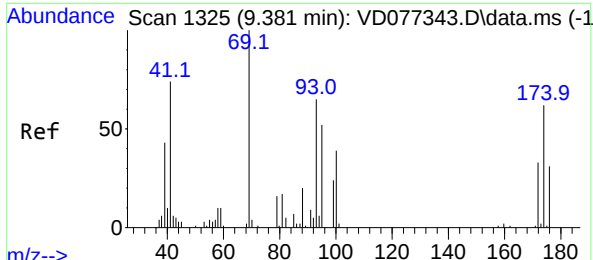
Tgt Ion: 83 Resp: 498992
Ion Ratio Lower Upper
83 100
85 64.1 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 165.436 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 41 Resp: 137720
Ion Ratio Lower Upper
41 100
69 119.8 102.2 153.2
39 52.8 41.4 62.2

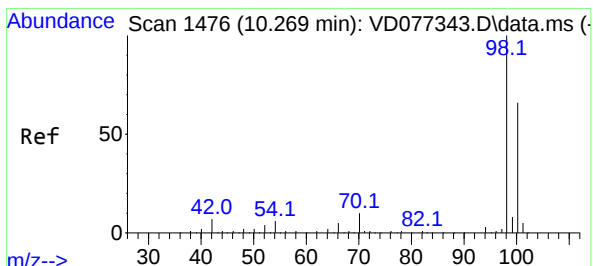
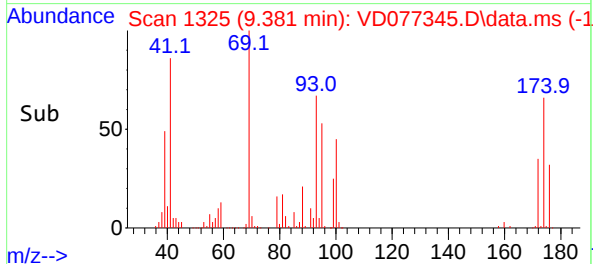
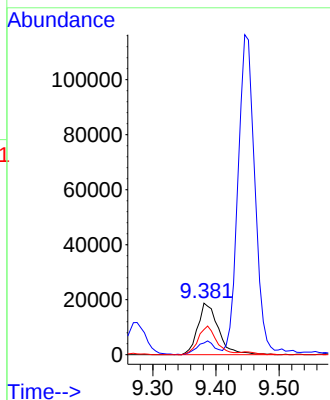
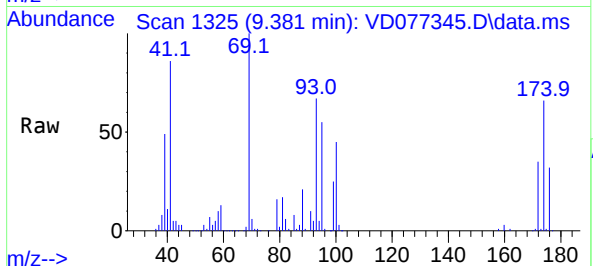




#49
1,4-Dioxane
Concen: 2956.945 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

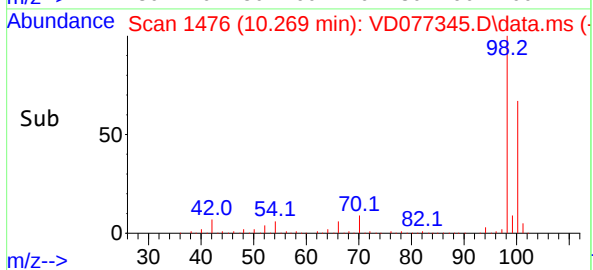
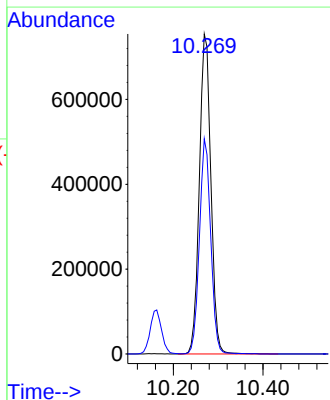
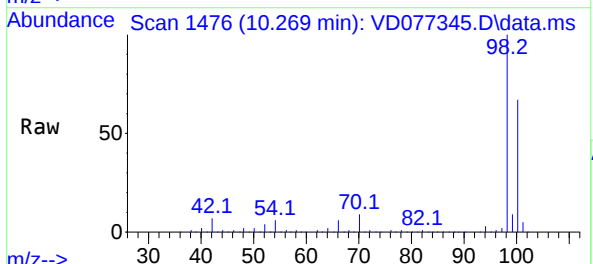
Instrument :
MSVOA_D
ClientSampleId :

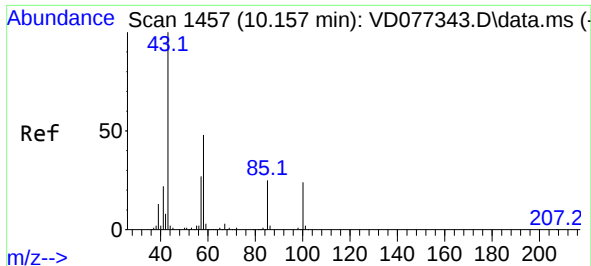
Tgt Ion: 88 Resp: 42386
Ion Ratio Lower Upper
88 100
43 23.3 19.0 28.6
58 48.9 43.5 65.3



#50
Toluene-d8
Concen: 151.551 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 98 Resp: 1344142
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5

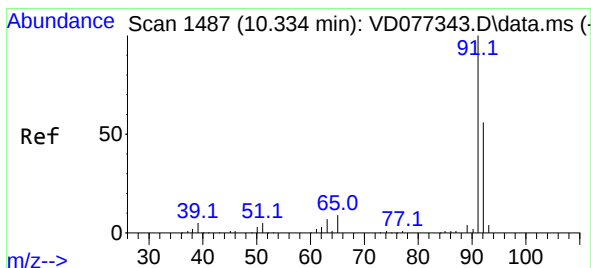
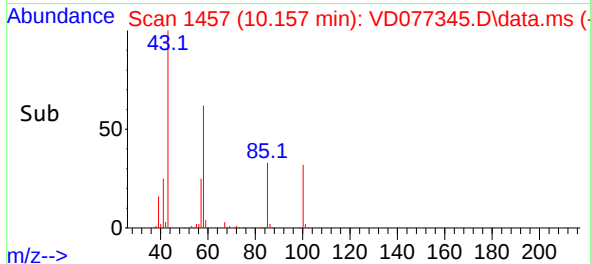
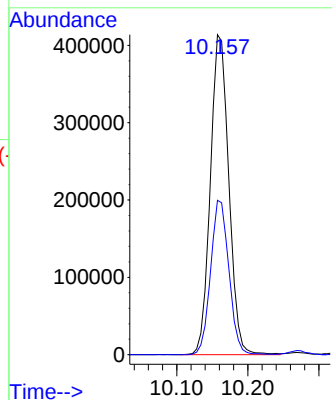
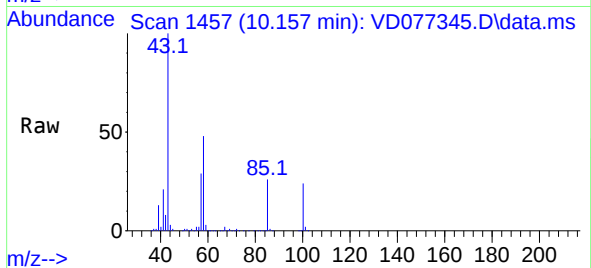




#51
4-Methyl-2-Pentanone
Concen: 809.842 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

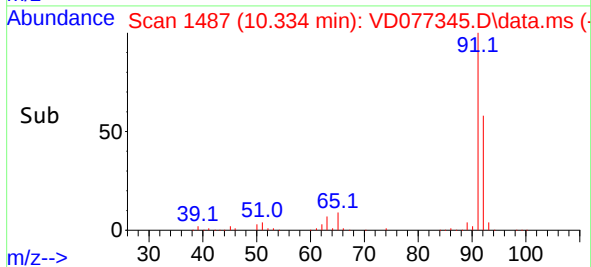
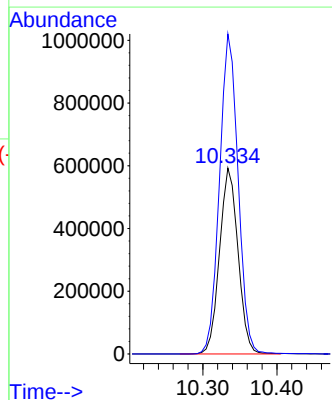
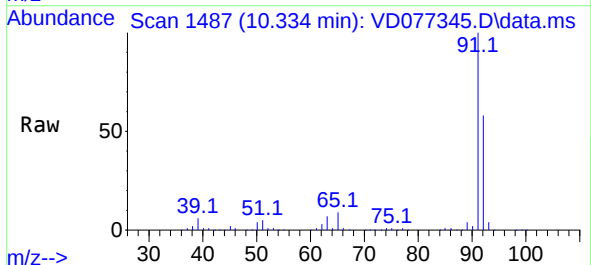
Instrument :
MSVOA_D
ClientSampleId :

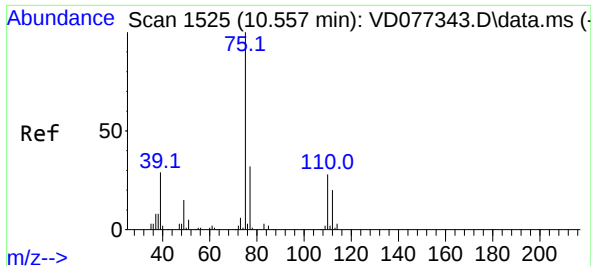
Tgt Ion: 43 Resp: 747035
Ion Ratio Lower Upper
43 100
58 47.8 38.9 58.3



#52
Toluene
Concen: 159.143 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 92 Resp: 1026108
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

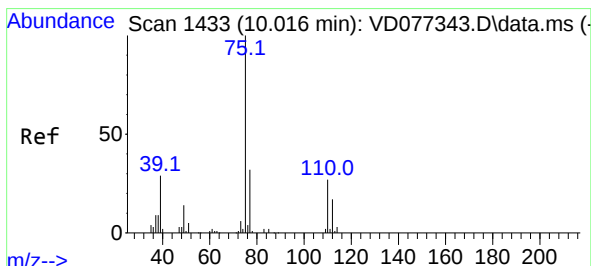
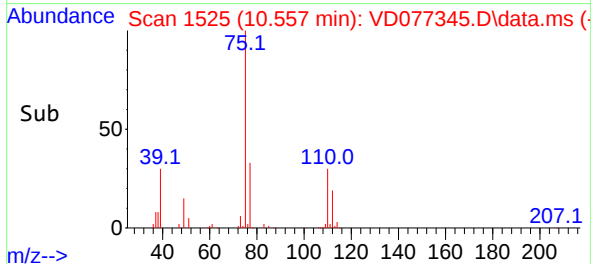
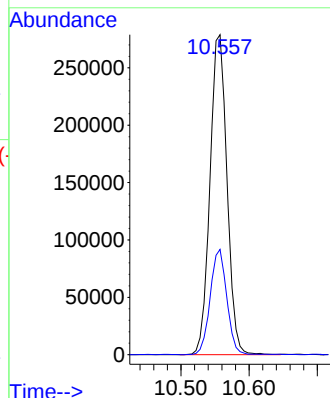
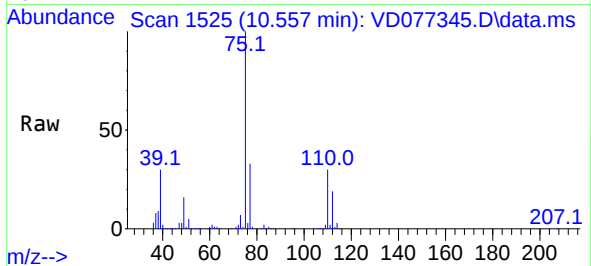




#53
 t-1,3-Dichloropropene
 Concen: 159.085 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

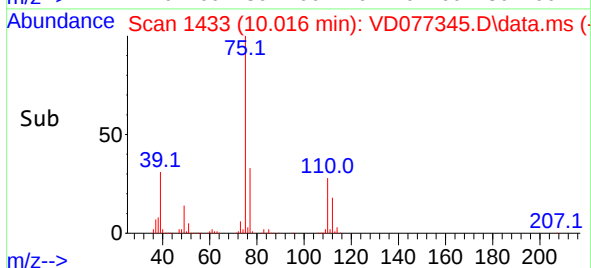
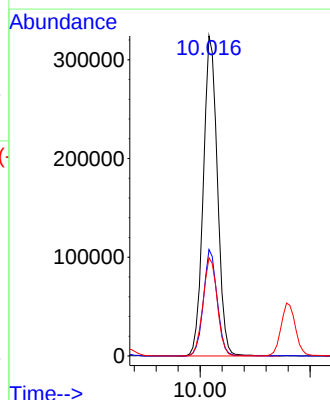
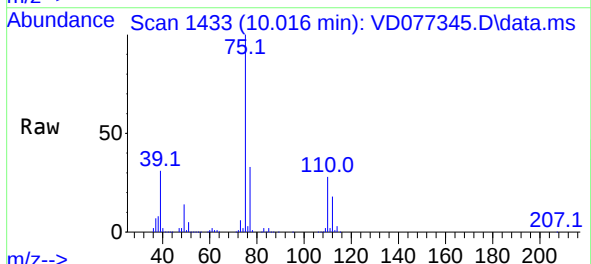
Instrument :
 MSVOA_D
 ClientSampleId :

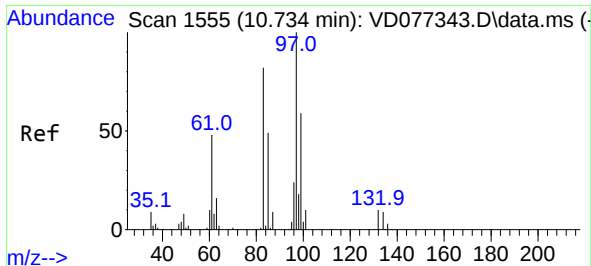
Tgt Ion: 75 Resp: 484586
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 154.839 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

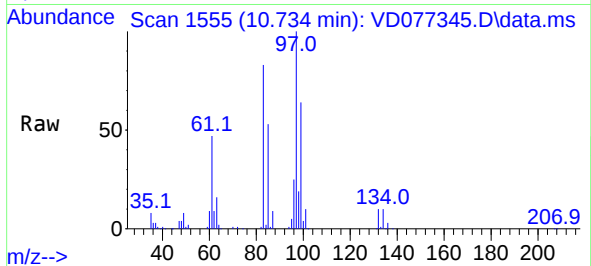
Tgt Ion: 75 Resp: 577080
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 39 30.7 22.1 33.1





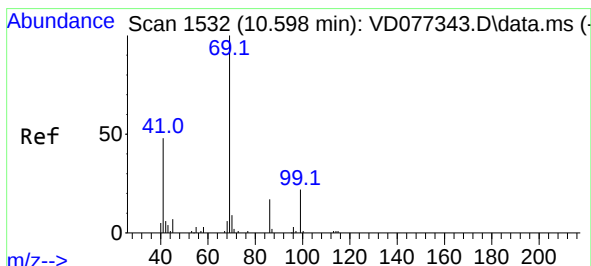
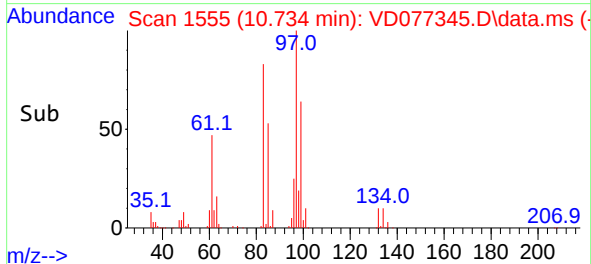
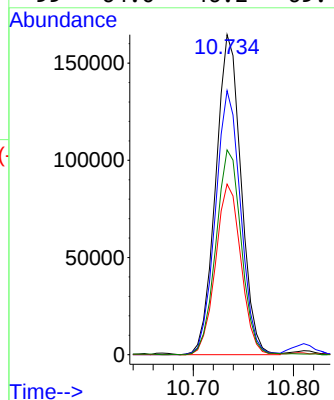
#55
1,1,2-Trichloroethane
Concen: 146.661 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 289088

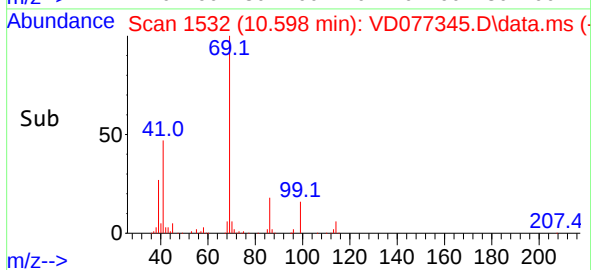
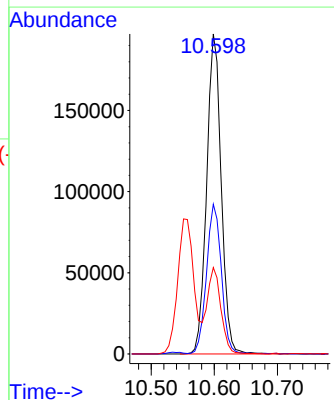
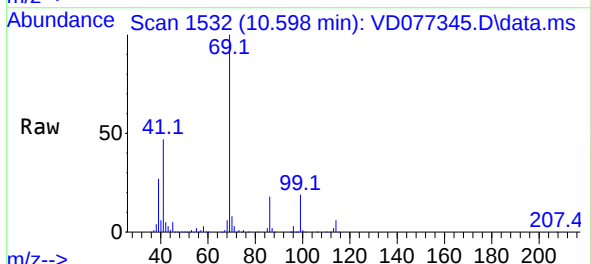
Ion	Ratio	Lower	Upper
97	100		
83	82.5	65.8	98.6
85	53.3	45.7	68.5
99	64.0	46.2	69.4

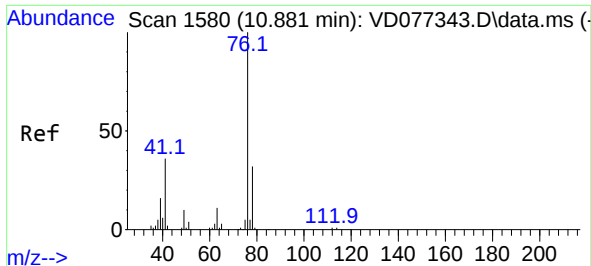


#56
Ethyl methacrylate
Concen: 167.928 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 69 Resp: 316341

Ion	Ratio	Lower	Upper
69	100		
41	47.2	39.1	58.7
39	25.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 151.431 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

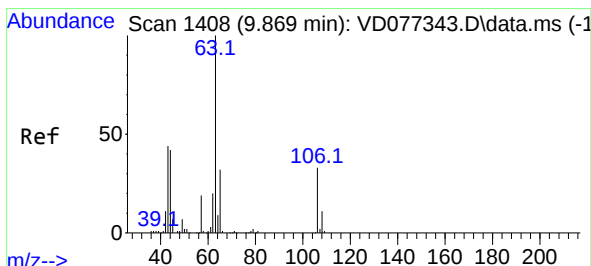
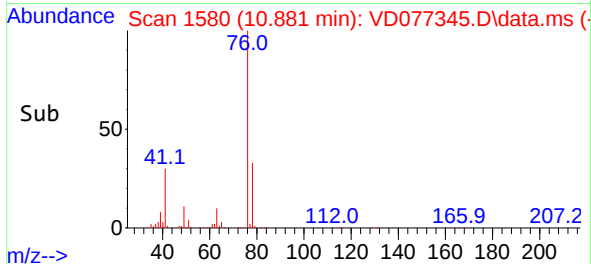
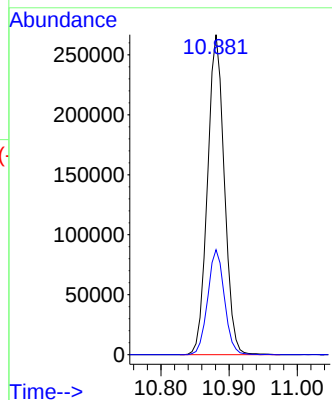
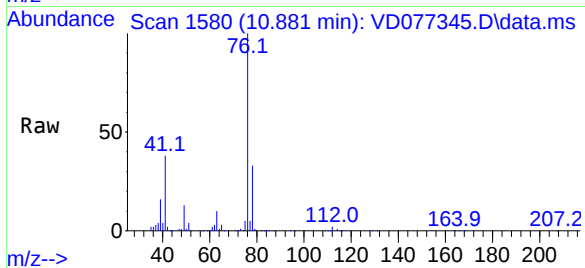
ClientSampleId :

Tgt Ion: 76 Resp: 458516

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 819.382 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077345.D

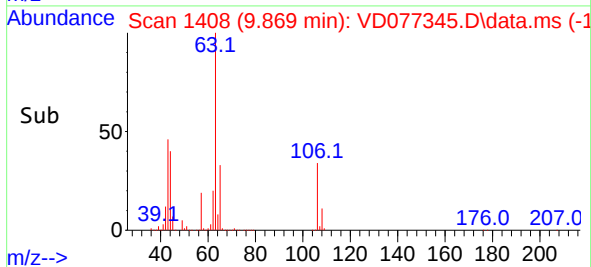
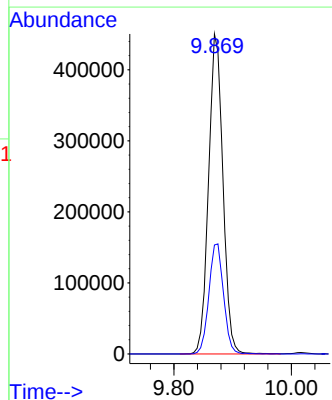
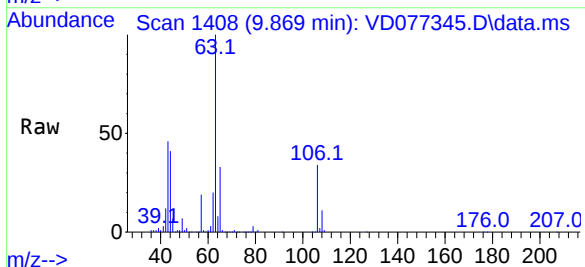
Acq: 17 Oct 2023 17:22

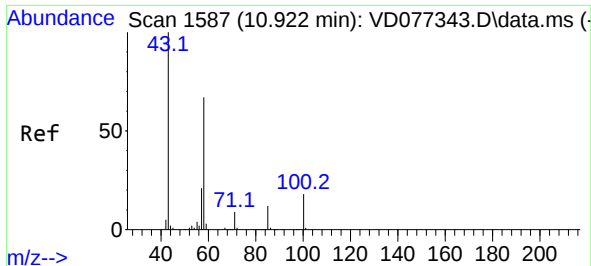
Tgt Ion: 63 Resp: 763319

Ion Ratio Lower Upper

63 100

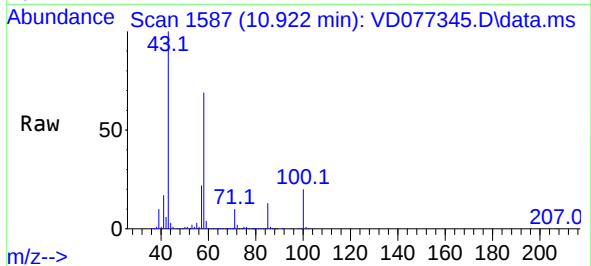
106 35.1 25.3 37.9



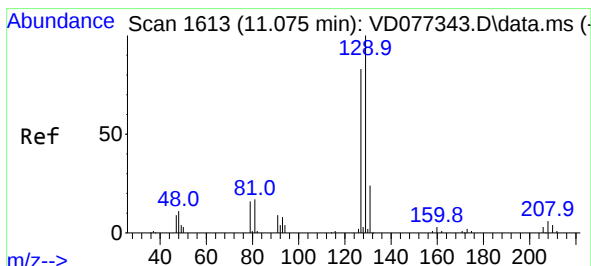
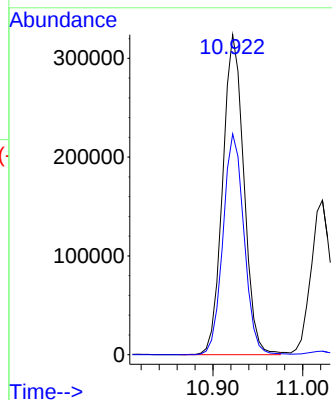
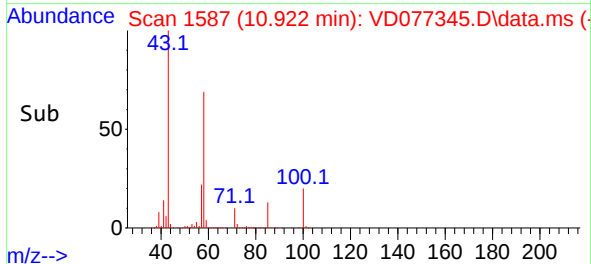


#59
2-Hexanone
Concen: 801.898 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

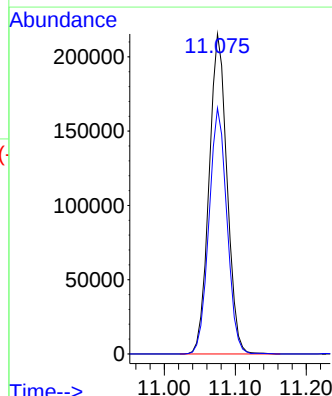
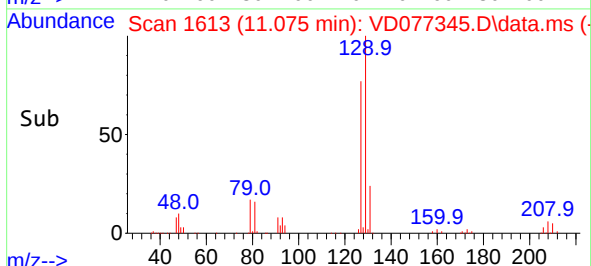
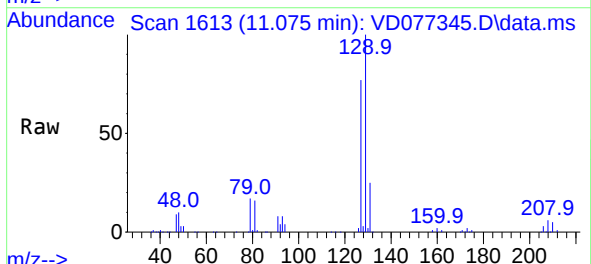


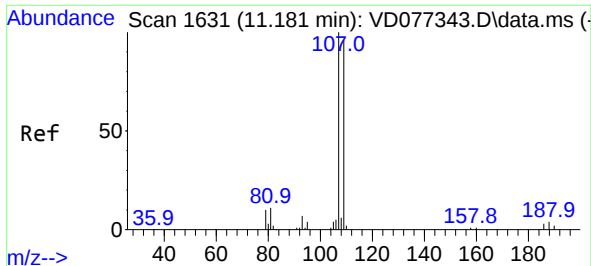
Tgt Ion: 43 Resp: 531270
Ion Ratio Lower Upper
43 100
58 68.4 34.1 102.2



#60
Dibromochloromethane
Concen: 150.412 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

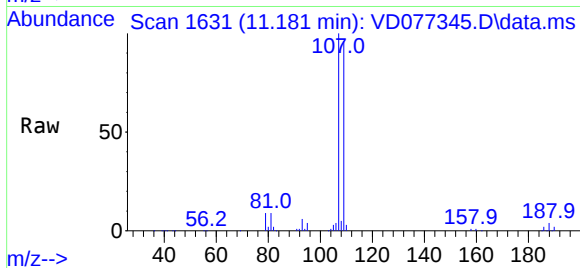
Tgt Ion: 129 Resp: 378572
Ion Ratio Lower Upper
129 100
127 76.7 37.1 111.5



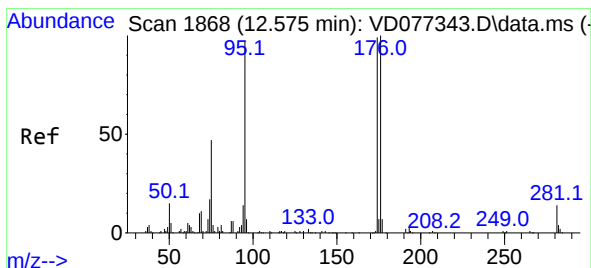
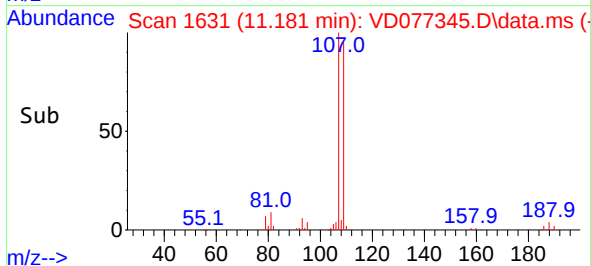
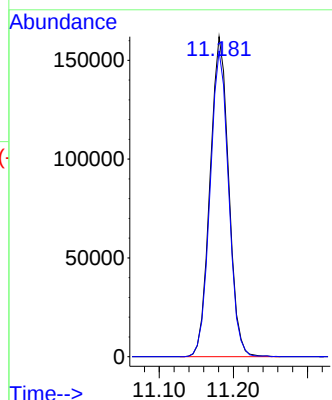


#61
1,2-Dibromoethane
Concen: 152.487 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

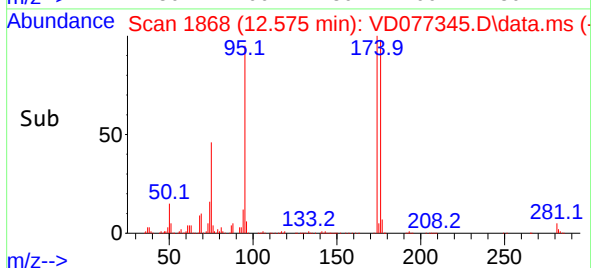
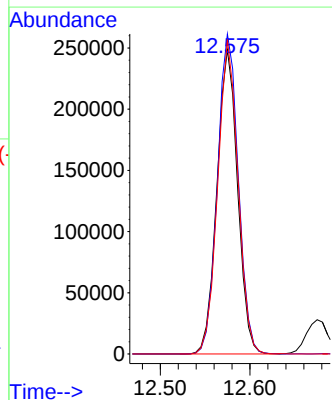
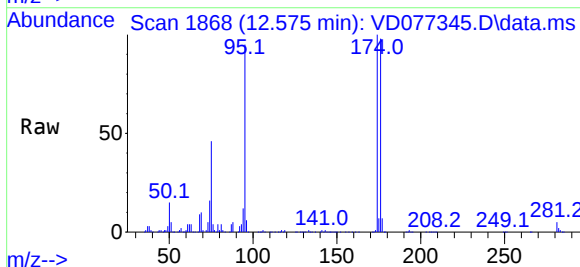


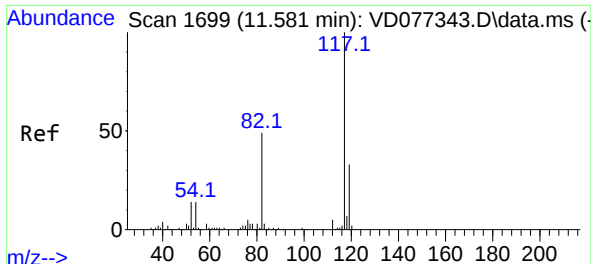
Tgt Ion:107 Resp: 283230
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 155.513 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

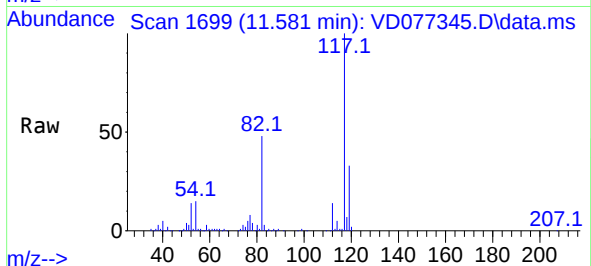
Tgt Ion: 95 Resp: 397038
Ion Ratio Lower Upper
95 100
174 106.0 0.0 201.8
176 101.4 0.0 191.8



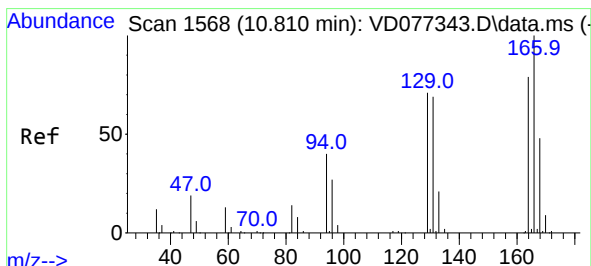
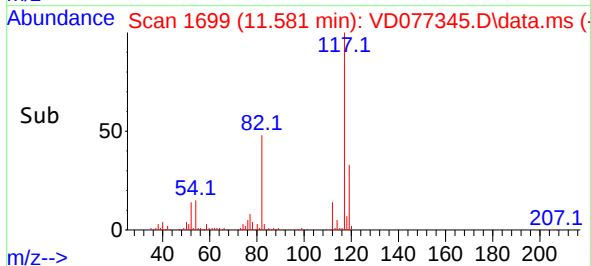
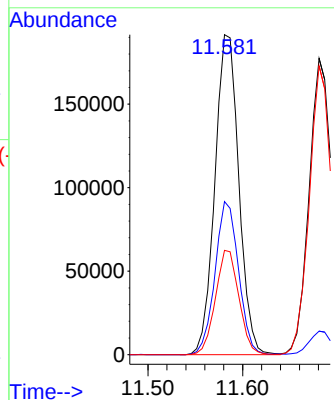


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

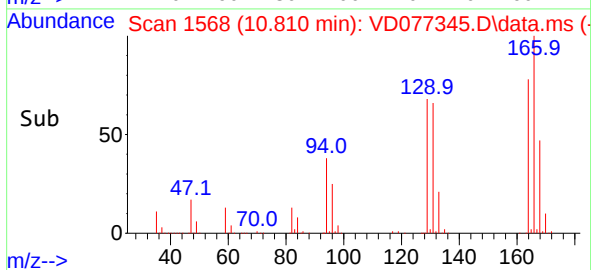
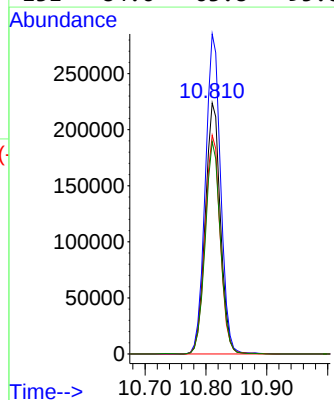
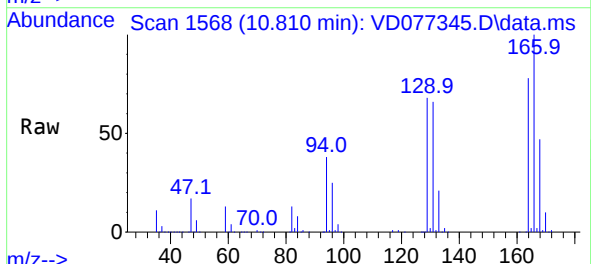


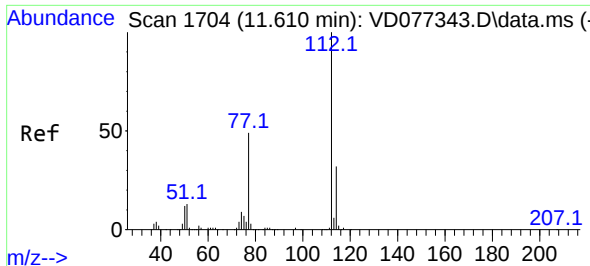
Tgt Ion:117 Resp: 336640
Ion Ratio Lower Upper
117 100
82 47.8 38.3 57.5
119 32.6 25.0 37.4



#64
Tetrachloroethene
Concen: 155.078 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:164 Resp: 388028
Ion Ratio Lower Upper
164 100
166 127.4 99.2 148.8
129 87.1 68.4 102.6
131 84.6 63.8 95.8

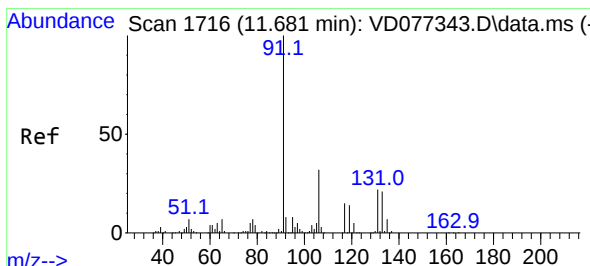
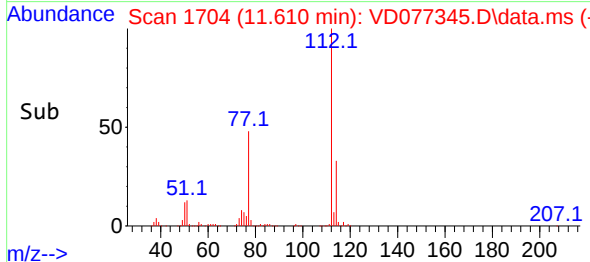
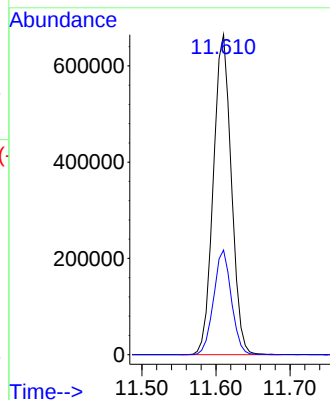
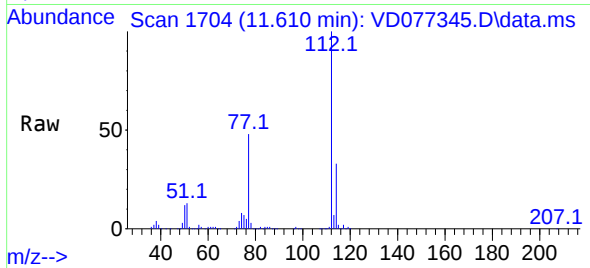




#65
Chlorobenzene
Concen: 152.673 ug/l
RT: 11.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

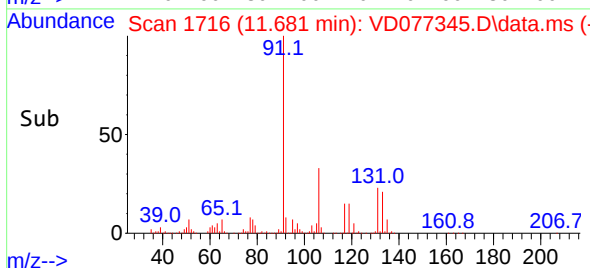
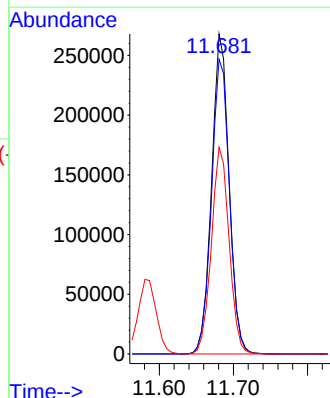
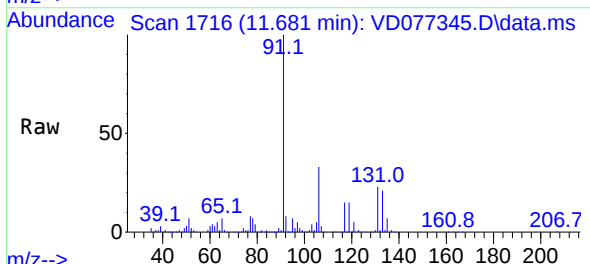
Instrument :
MSVOA_D
ClientSampleId :

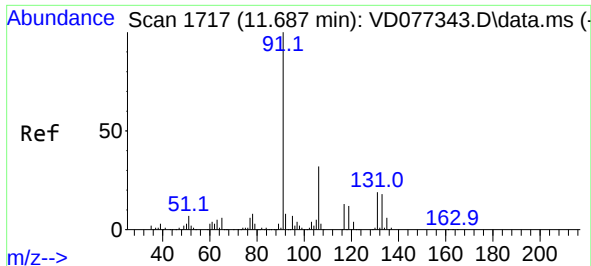
Tgt Ion:112 Resp: 1120285
Ion Ratio Lower Upper
112 100
114 32.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 156.948 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:131 Resp: 437775
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.5
119 65.6 35.6 106.9

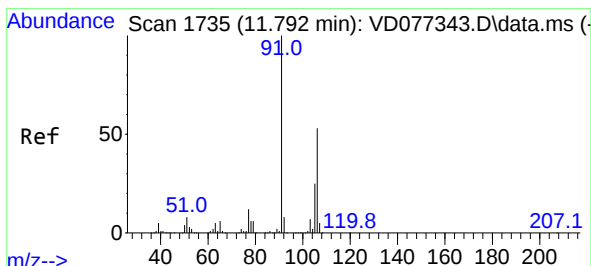
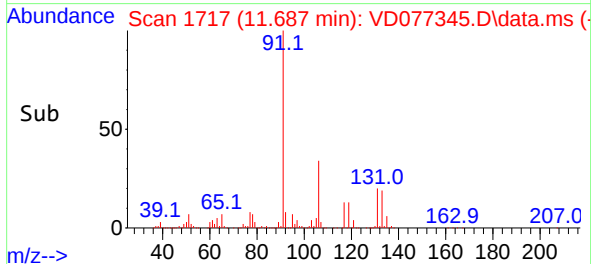
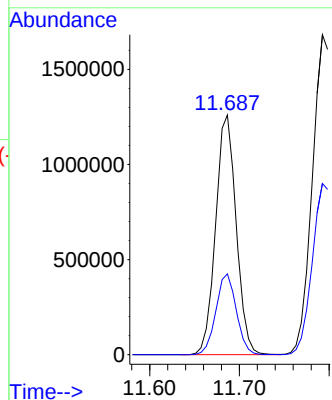
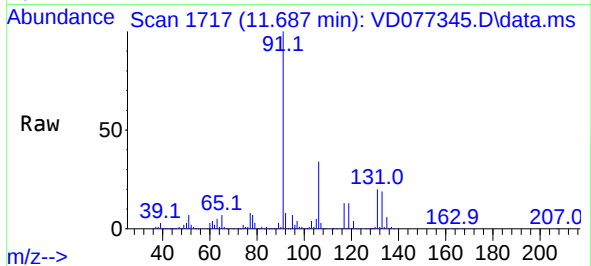




#67
Ethyl Benzene
Concen: 164.674 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

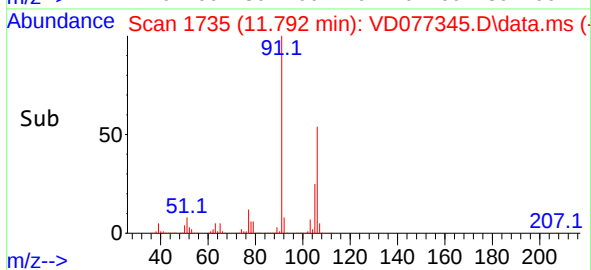
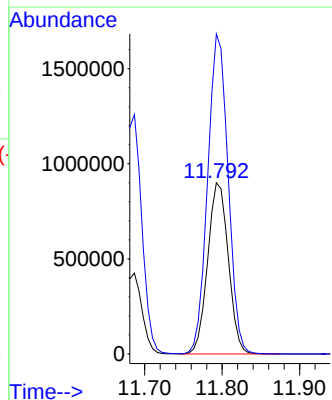
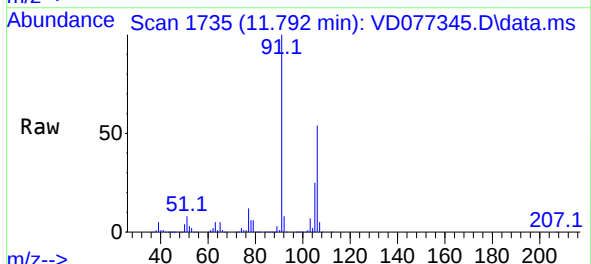
Instrument :
MSVOA_D
ClientSampleId :

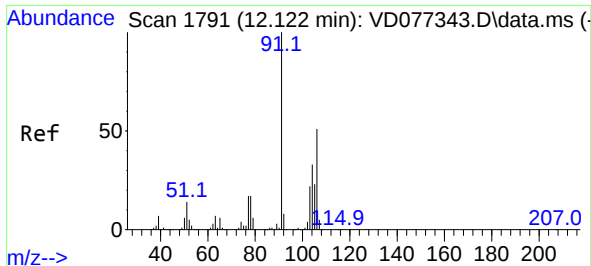
Tgt Ion: 91 Resp: 2003042
Ion Ratio Lower Upper
91 100
106 33.7 26.5 39.7



#68
m/p-Xylenes
Concen: 332.972 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:106 Resp: 1663155
Ion Ratio Lower Upper
106 100
91 185.0 147.0 220.6

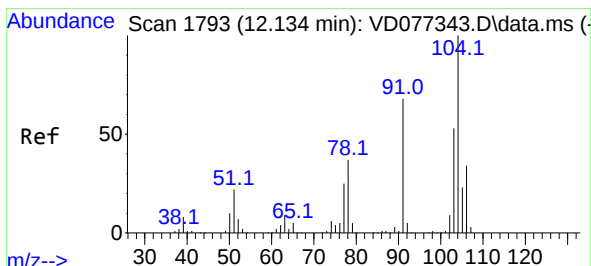
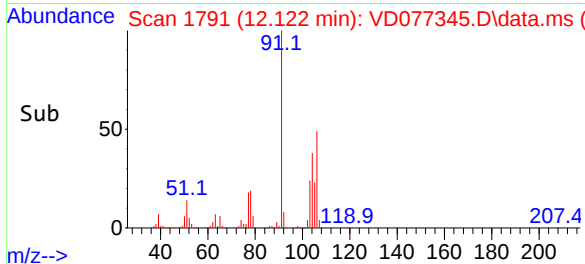
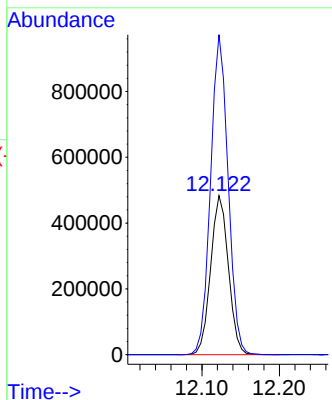
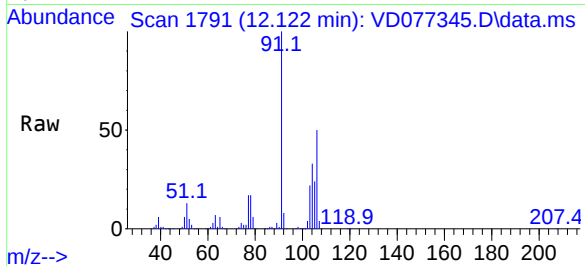




#69
o-Xylene
Concen: 167.217 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

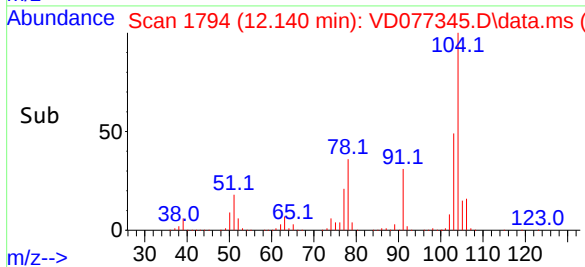
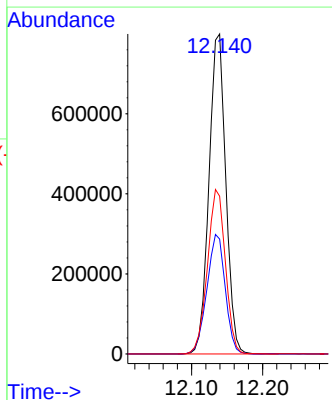
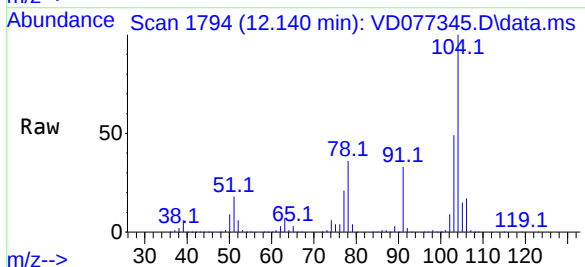
Instrument :
MSVOA_D
ClientSampleId :

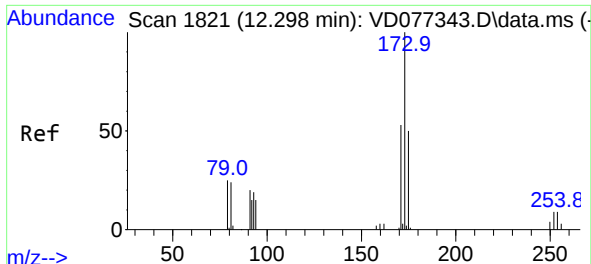
Tgt Ion:106 Resp: 768883
Ion Ratio Lower Upper
106 100
91 198.5 97.9 293.6



#70
Styrene
Concen: 167.440 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:104 Resp: 1313567
Ion Ratio Lower Upper
104 100
78 40.8 33.2 49.8
103 55.0 43.6 65.4

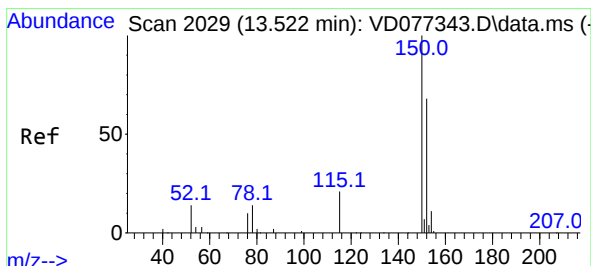
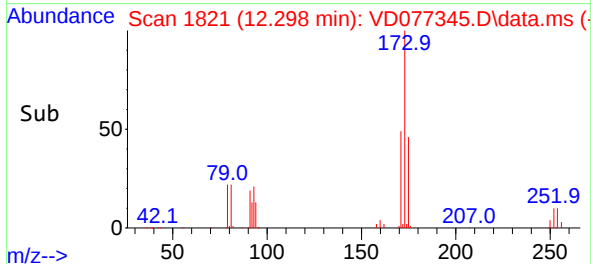
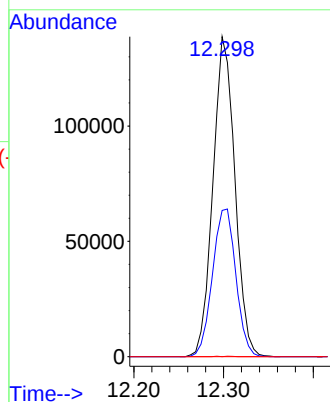
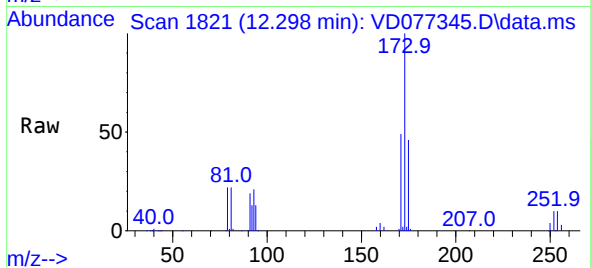




#71
Bromoform
Concen: 154.216 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

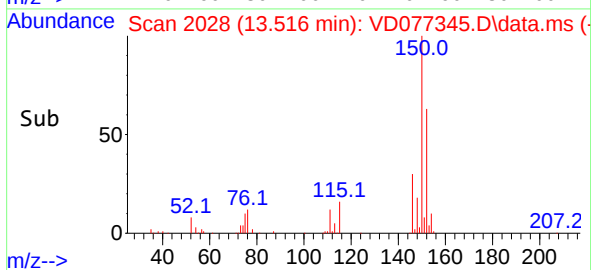
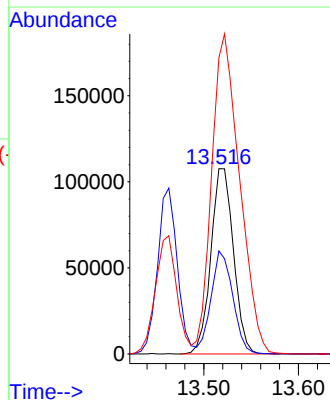
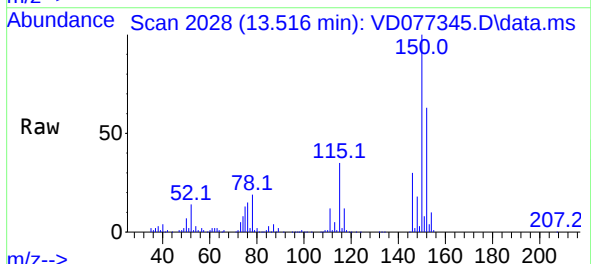
Instrument :
MSVOA_D
ClientSampleId :

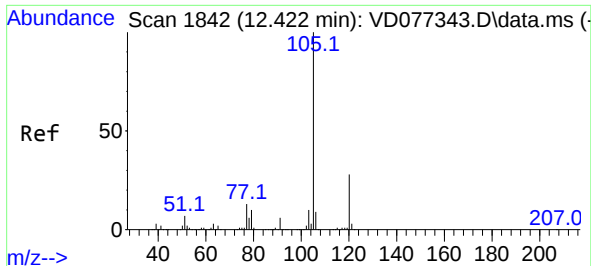
Tgt Ion:173 Resp: 235803
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

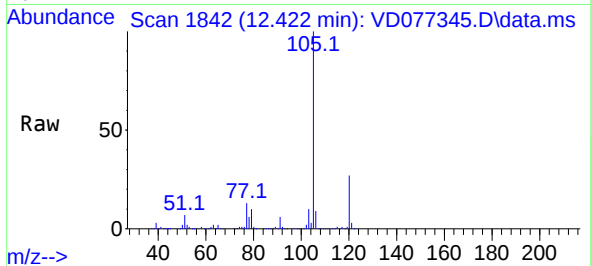
Tgt Ion:152 Resp: 178937
Ion Ratio Lower Upper
152 100
115 53.2 27.1 81.3
150 213.6 0.0 353.6



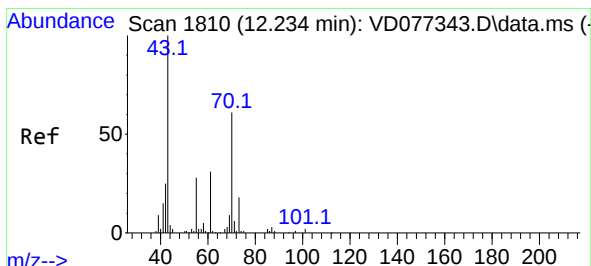
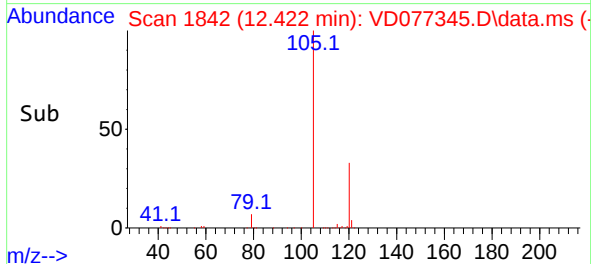
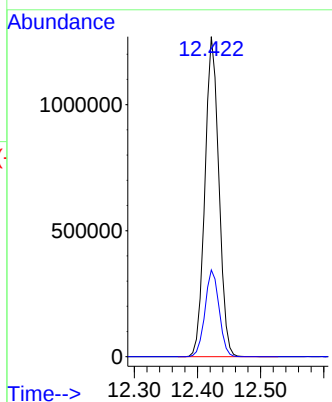


#73
Isopropylbenzene
Concen: 164.070 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

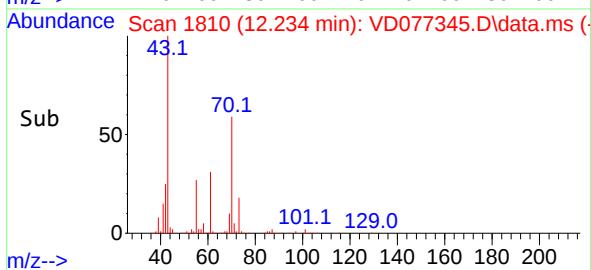
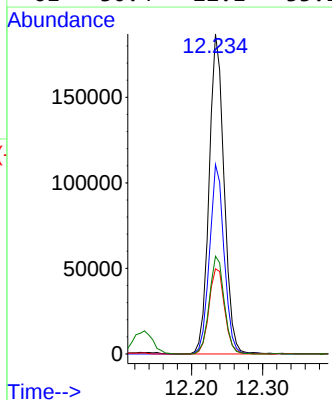
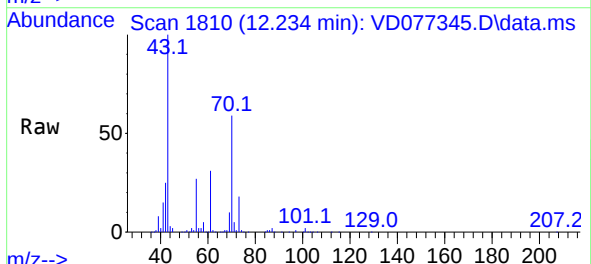


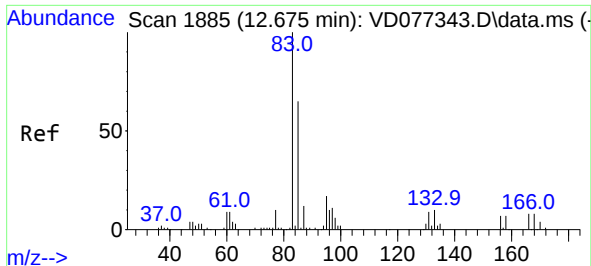
Tgt Ion:105 Resp: 1941895
Ion Ratio Lower Upper
105 100
120 27.4 14.3 42.9



#74
N-ethyl acetate
Concen: 160.846 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 43 Resp: 273868
Ion Ratio Lower Upper
43 100
70 57.7 45.0 67.4
55 27.8 23.8 35.6
61 30.4 22.1 33.1

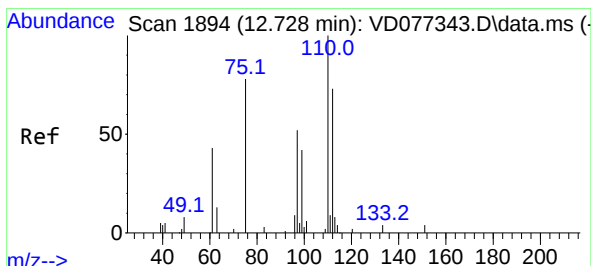
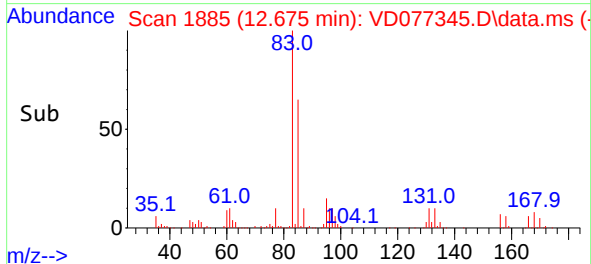
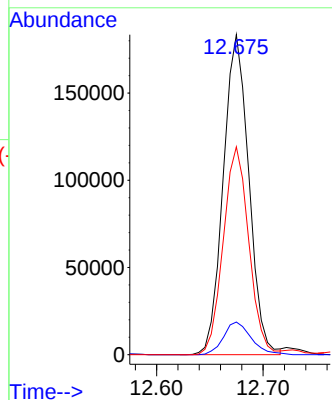
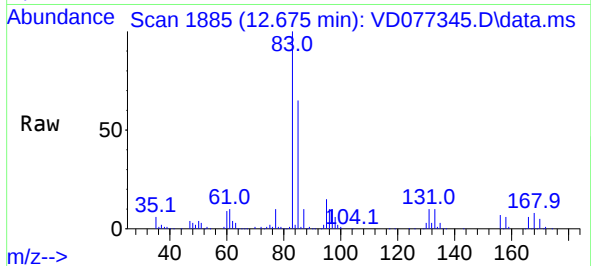




#75
1,1,2,2-Tetrachloroethane
Concen: 142.211 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

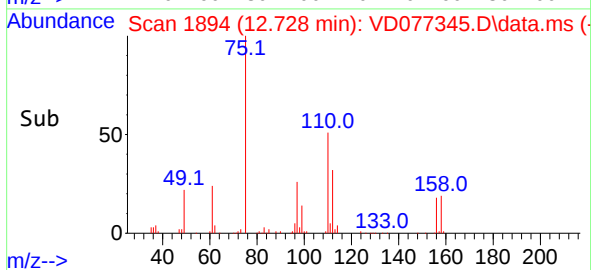
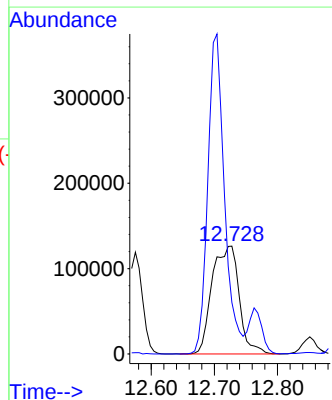
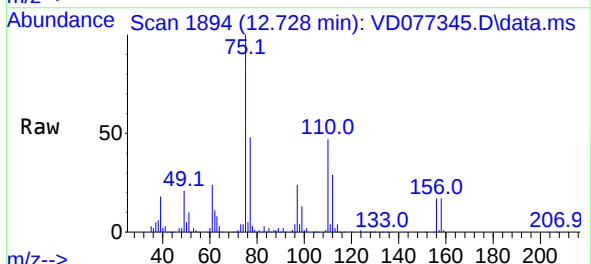
Instrument :
MSVOA_D
ClientSampleId :

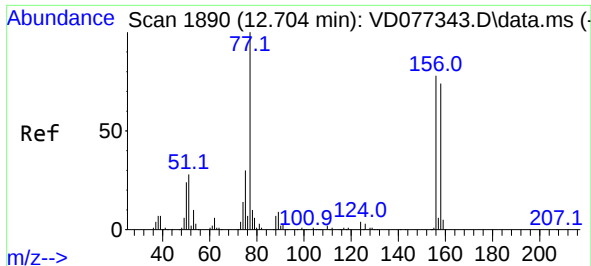
Tgt Ion: 83 Resp: 305860
Ion Ratio Lower Upper
83 100
131 11.1 5.1 15.3
85 64.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 180.286 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

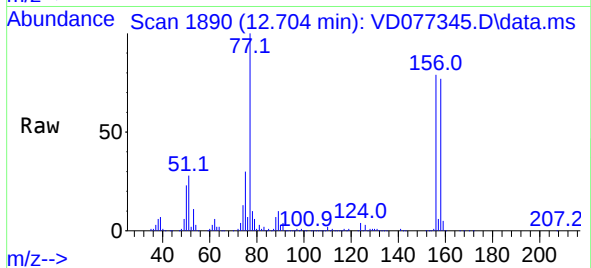
Tgt Ion: 75 Resp: 375989
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



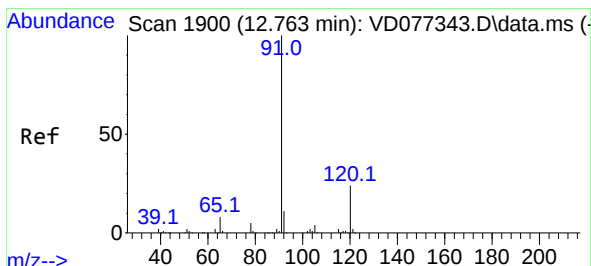
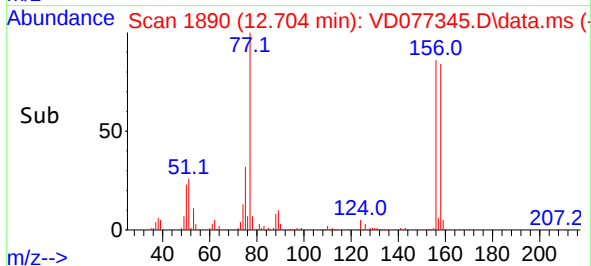
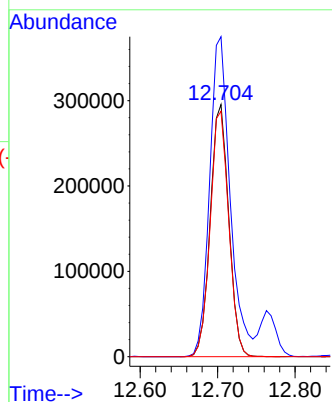


#77
Bromobenzene
Concen: 157.537 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

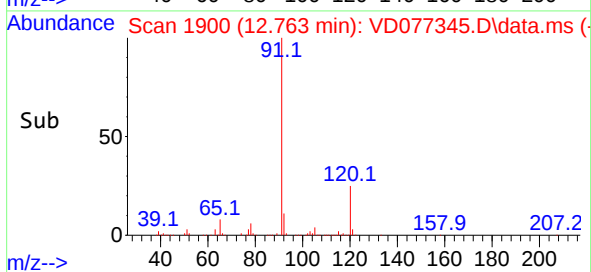
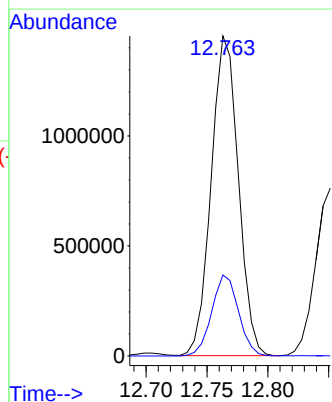
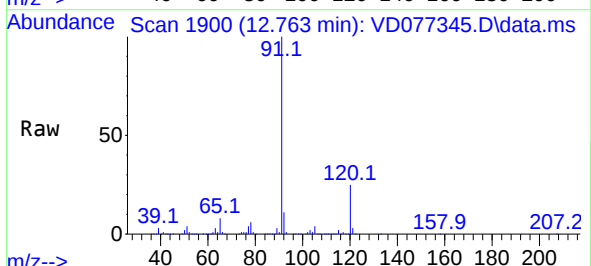


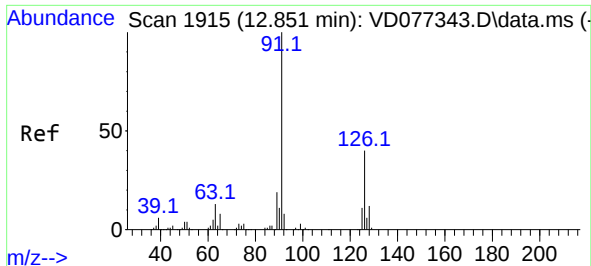
Tgt Ion:156 Resp: 489509
Ion Ratio Lower Upper
156 100
77 140.8 76.8 230.4
158 97.7 48.6 145.9



#78
n-propylbenzene
Concen: 158.269 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 91 Resp: 2255976
Ion Ratio Lower Upper
91 100
120 24.9 12.4 37.2

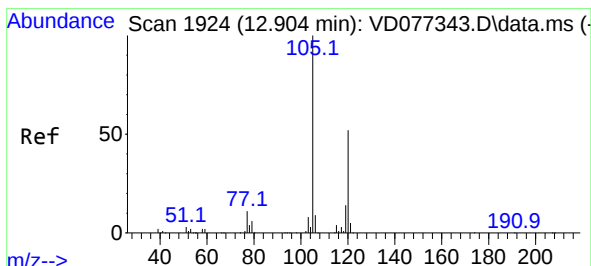
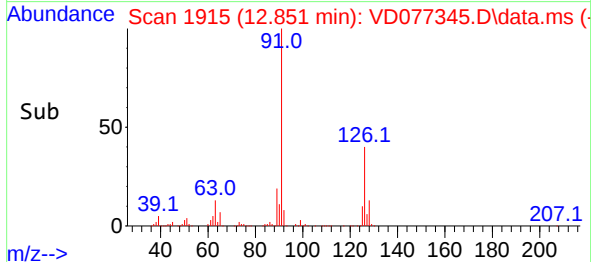
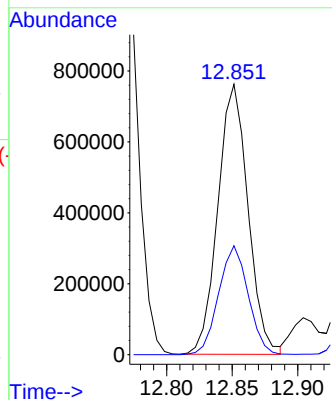
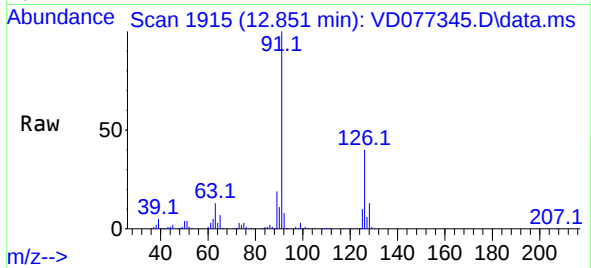




#79
2-Chlorotoluene
Concen: 156.920 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

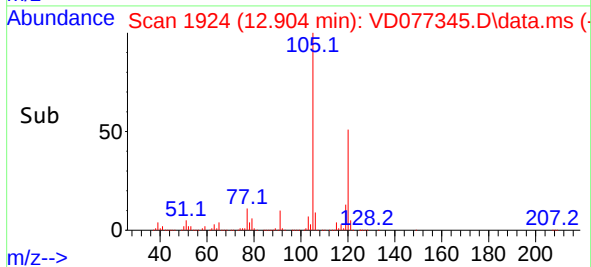
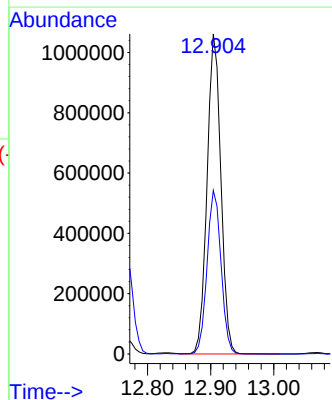
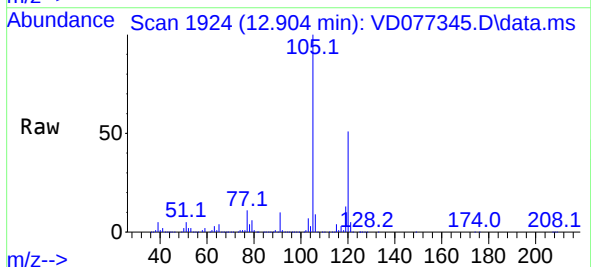
Instrument :
MSVOA_D
ClientSampleId :

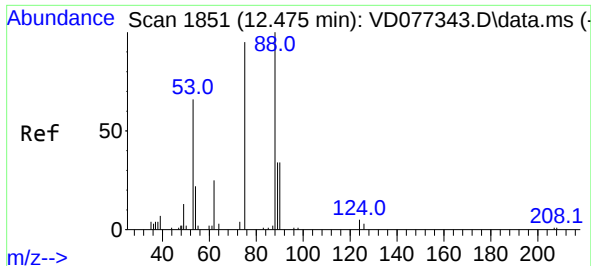
Tgt Ion: 91 Resp: 1218306
Ion Ratio Lower Upper
91 100
126 39.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 164.338 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 105 Resp: 1605093
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2

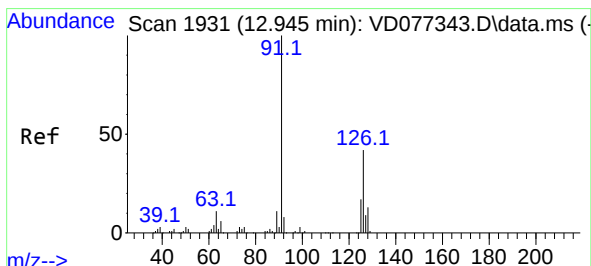
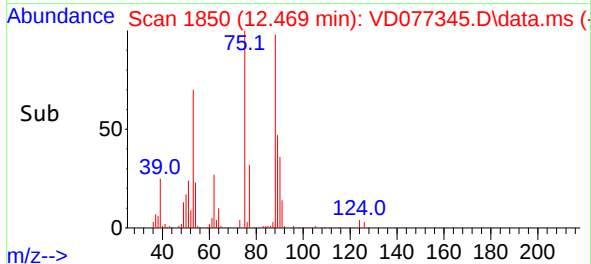
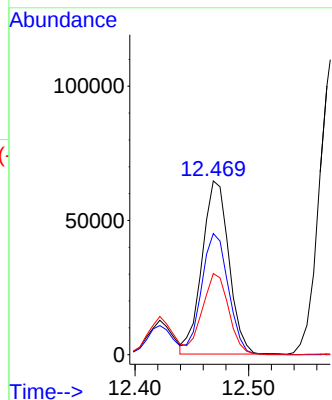
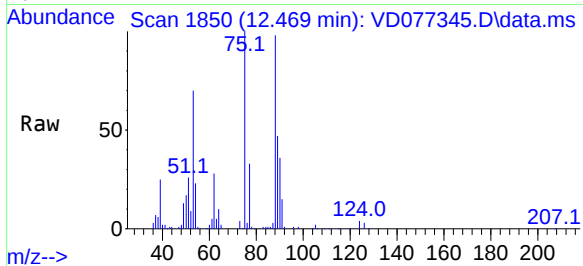




#81
trans-1,4-Dichloro-2-butene
Concen: 158.363 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

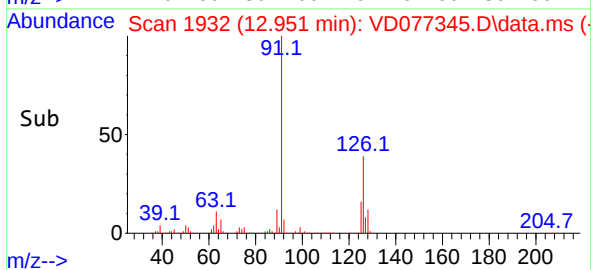
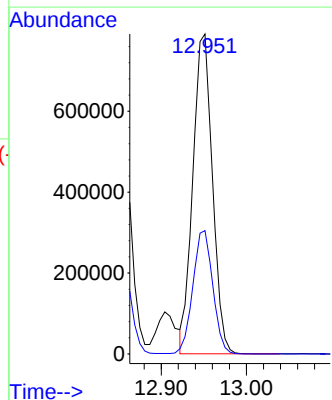
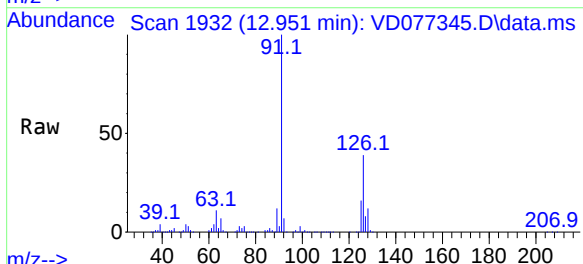
Instrument :
MSVOA_D
ClientSampleId :

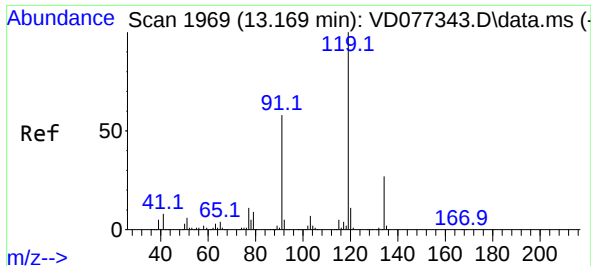
Tgt Ion: 75 Resp: 105753
Ion Ratio Lower Upper
75 100
53 70.7 63.0 94.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 155.849 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 91 Resp: 1259736
Ion Ratio Lower Upper
91 100
126 39.5 19.4 58.4

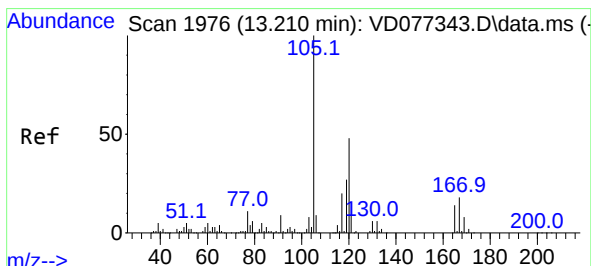
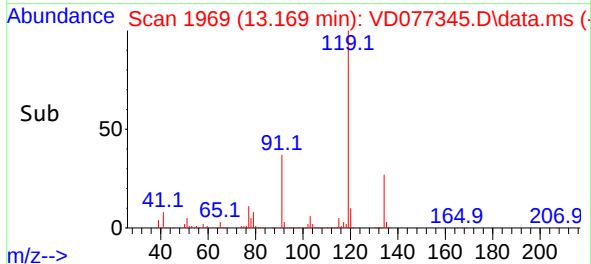
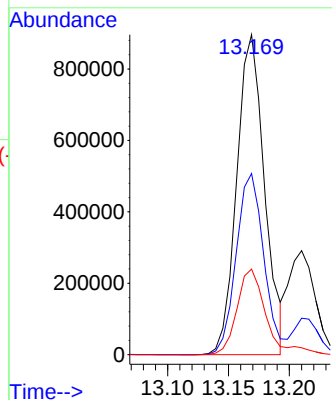
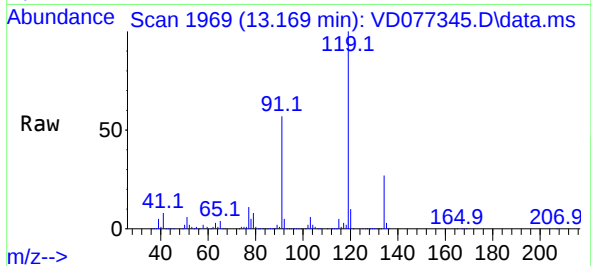




#83
tert-Butylbenzene
Concen: 164.302 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

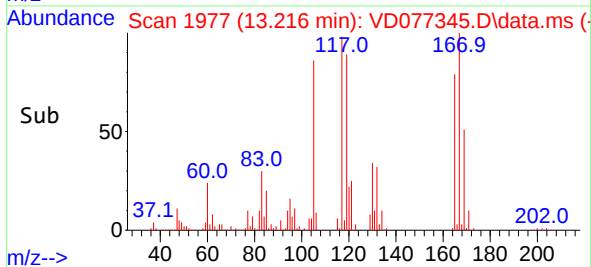
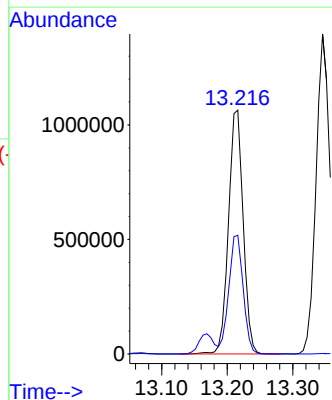
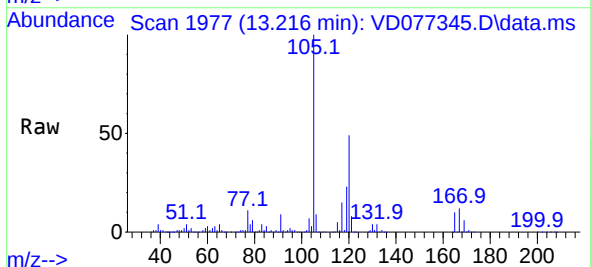
Instrument :
MSVOA_D
ClientSampleId :

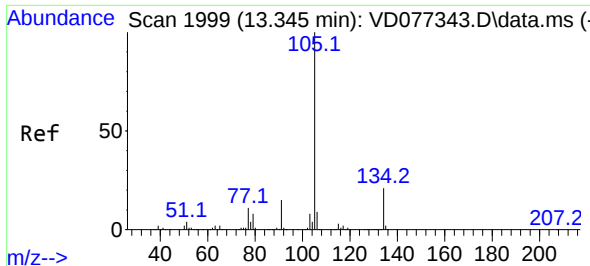
Tgt Ion:119 Resp: 1422739
Ion Ratio Lower Upper
119 100
91 57.0 29.3 87.8
134 28.0 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 168.140 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:105 Resp: 1653433
Ion Ratio Lower Upper
105 100
120 47.8 24.3 72.9

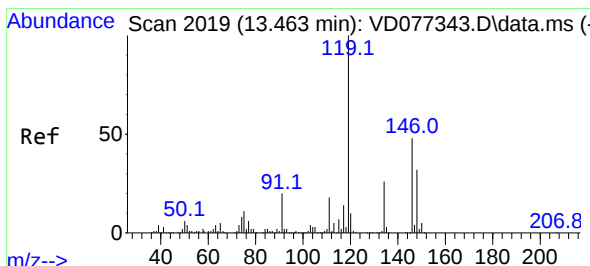
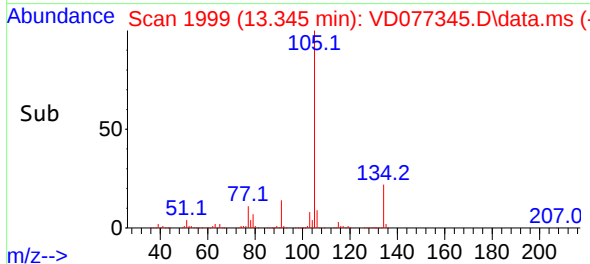
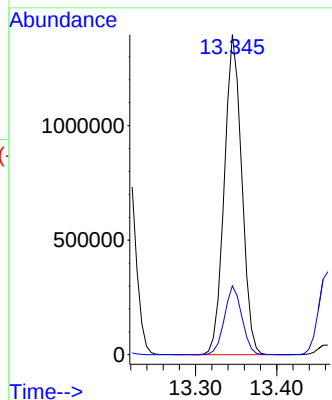
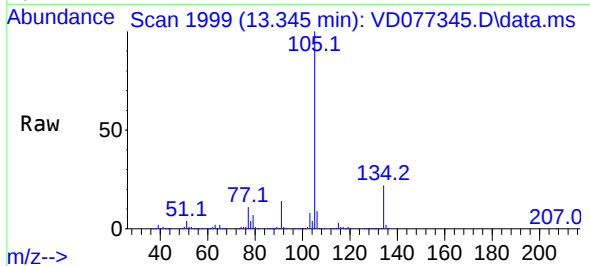




#85
 sec-Butylbenzene
 Concen: 160.266 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

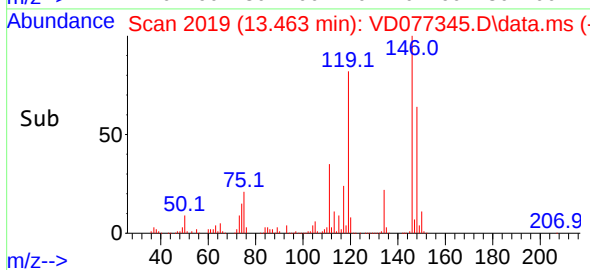
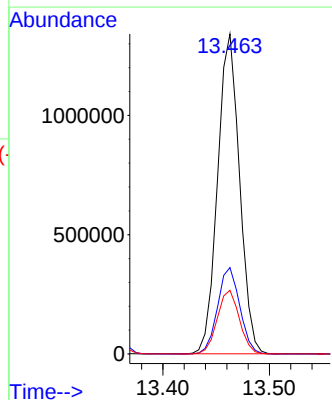
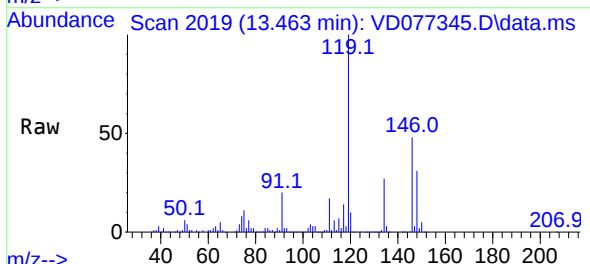
Instrument :
 MSVOA_D
 ClientSampleId :

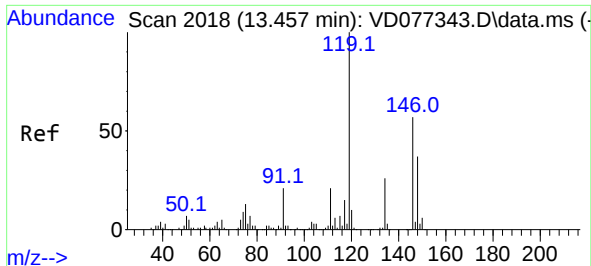
Tgt Ion:105 Resp: 2088345
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 169.390 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077345.D
 Acq: 17 Oct 2023 17:22

Tgt Ion:119 Resp: 1917531
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.2 42.6
 91 20.0 10.5 31.5

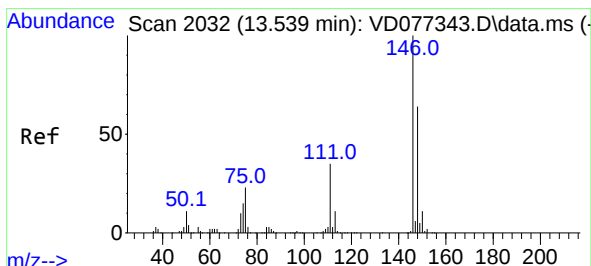
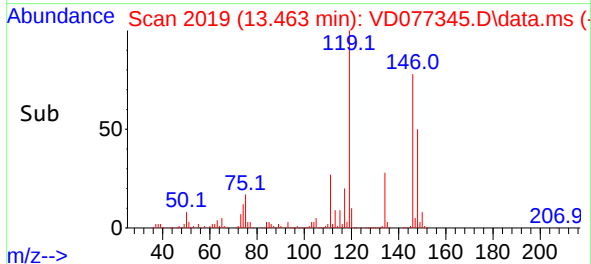
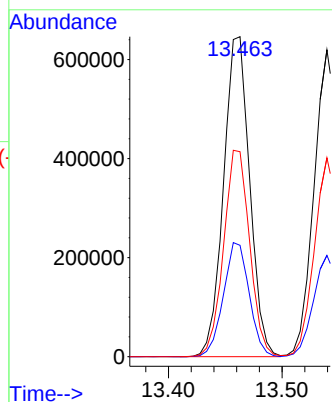
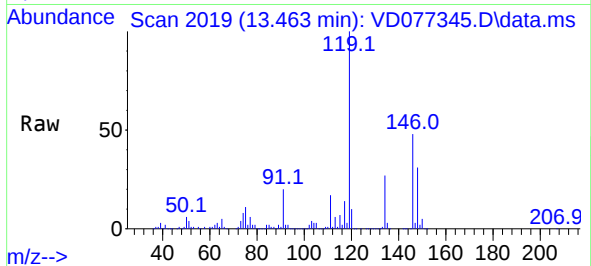




#87
1,3-Dichlorobenzene
Concen: 158.038 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

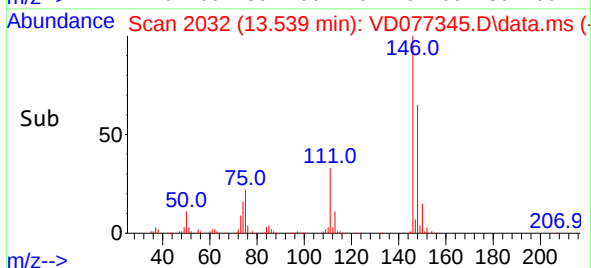
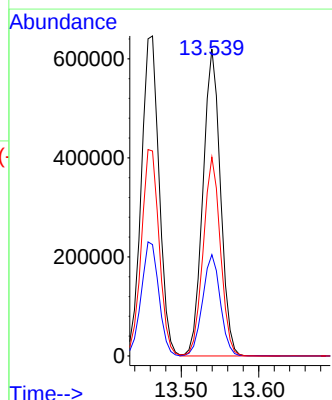
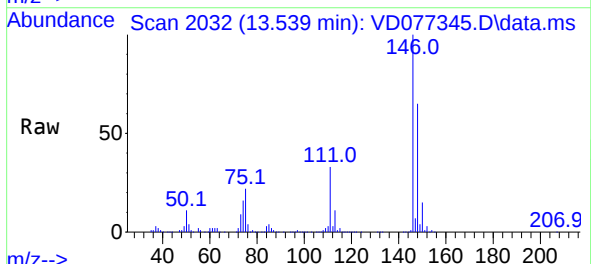
Instrument :
MSVOA_D
ClientSampleId :

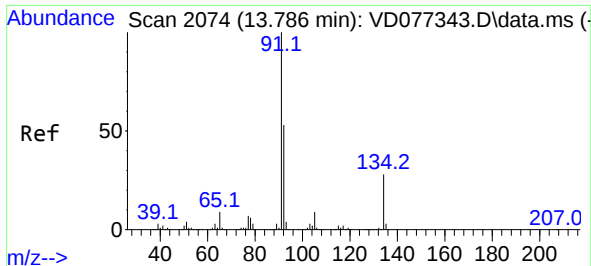
Tgt Ion:146 Resp: 1033445
Ion Ratio Lower Upper
146 100
111 35.2 17.9 53.8
148 64.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 149.751 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

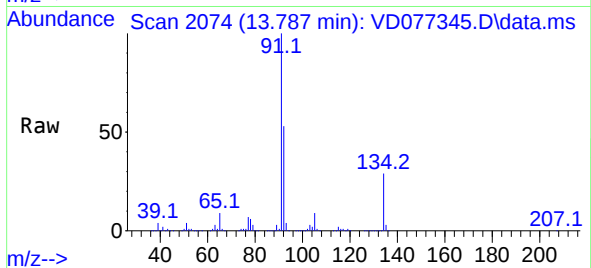
Tgt Ion:146 Resp: 970400
Ion Ratio Lower Upper
146 100
111 33.4 17.4 52.3
148 63.9 31.7 95.1



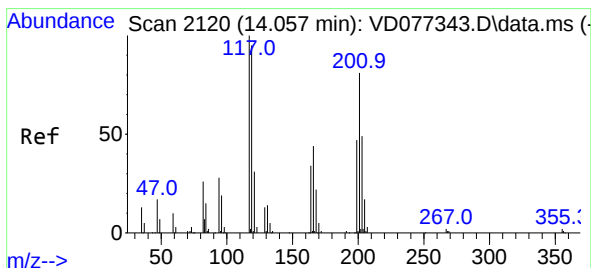
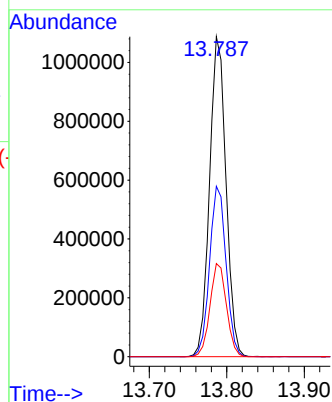
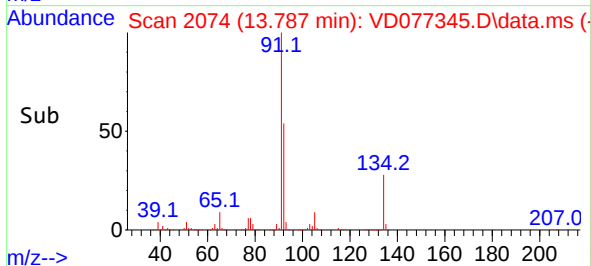


#89
n-Butylbenzene
Concen: 162.229 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

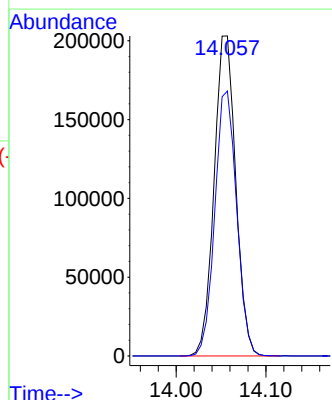
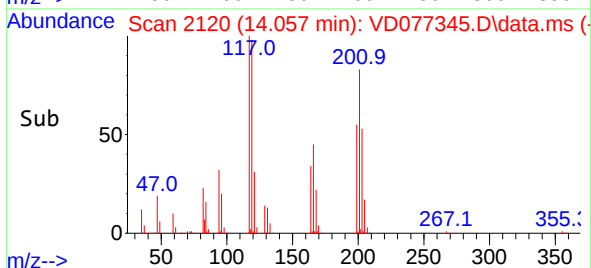
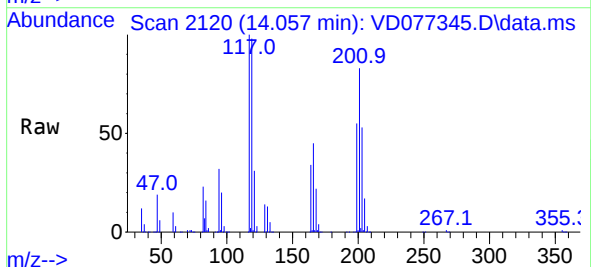


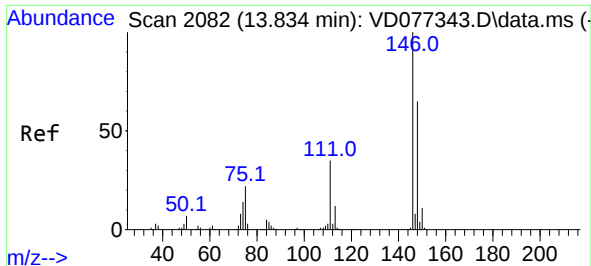
Tgt Ion: 91 Resp: 1599113
Ion Ratio Lower Upper
91 100
92 53.5 26.5 79.5
134 29.1 13.8 41.3



#90
Hexachloroethane
Concen: 149.118 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion: 117 Resp: 341218
Ion Ratio Lower Upper
117 100
201 83.2 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 152.773 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

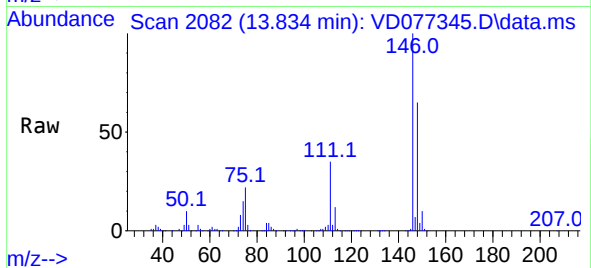
Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

Instrument :

MSVOA_D

ClientSampleId :



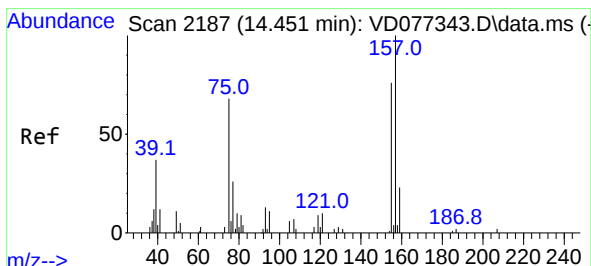
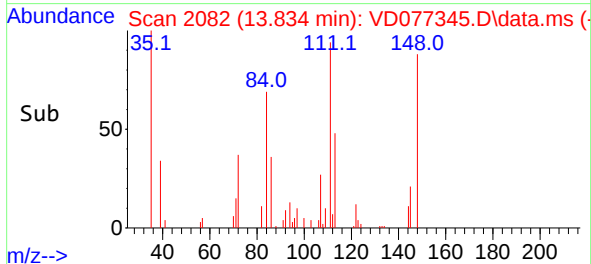
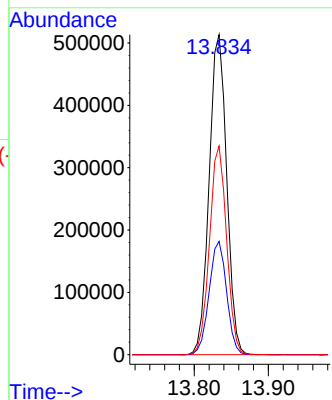
Tgt Ion:146 Resp: 843906

Ion Ratio Lower Upper

146 100

111 35.3 18.3 54.8

148 63.8 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 152.176 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.000 min

Lab File: VD077345.D

Acq: 17 Oct 2023 17:22

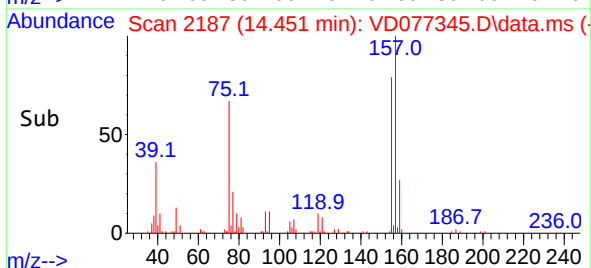
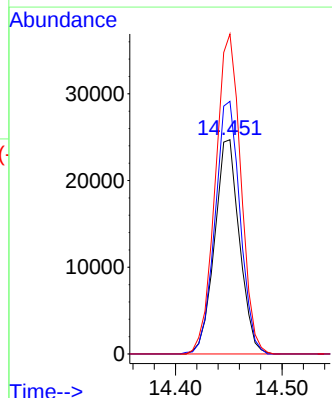
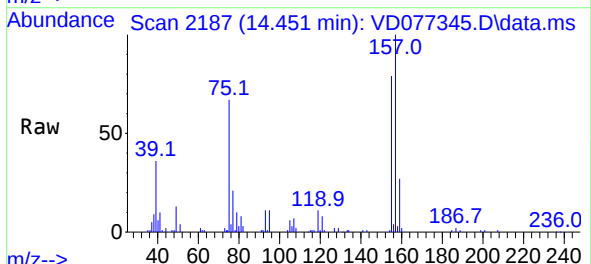
Tgt Ion: 75 Resp: 40060

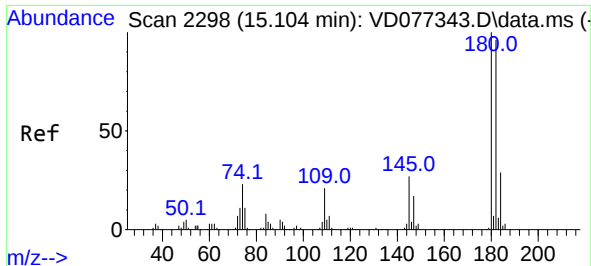
Ion Ratio Lower Upper

75 100

155 118.9 47.9 143.8

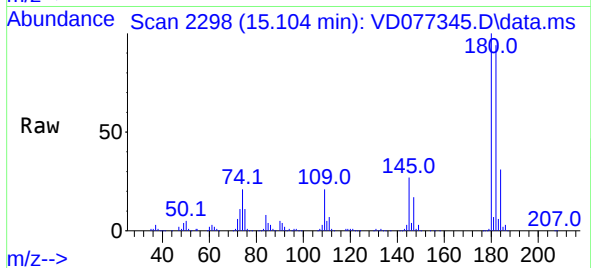
157 152.3 59.9 179.7



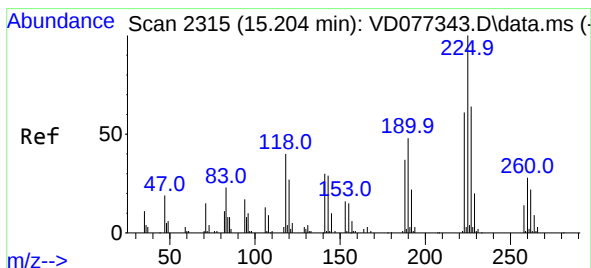
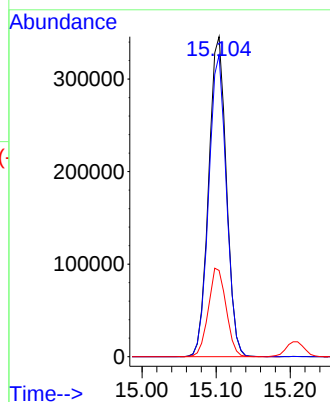
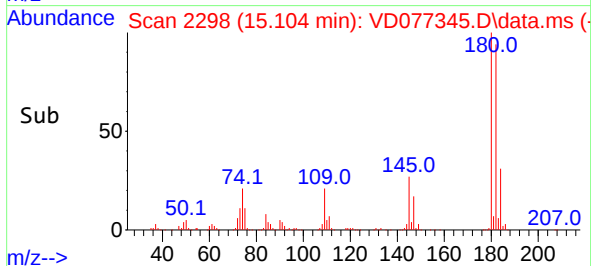


#93
1,2,4-Trichlorobenzene
Concen: 166.314 ug/l
RT: 15.104 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

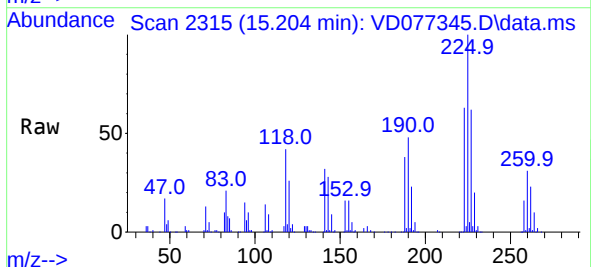
Instrument :
MSVOA_D
ClientSampleId :



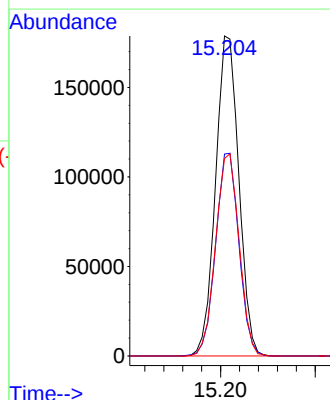
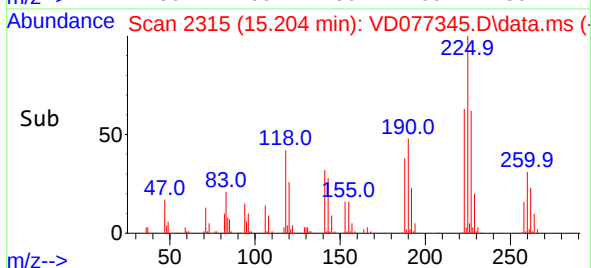
Tgt Ion:180 Resp: 572407
Ion Ratio Lower Upper
180 100
182 94.2 48.5 145.6
145 27.8 14.2 42.6

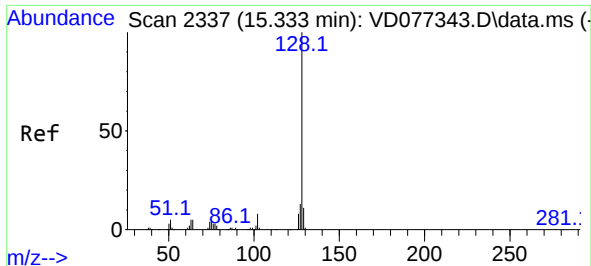


#94
Hexachlorobutadiene
Concen: 156.159 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22



Tgt Ion:225 Resp: 305237
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.8
227 63.9 31.7 95.1

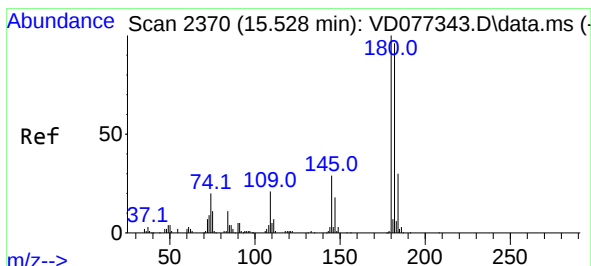
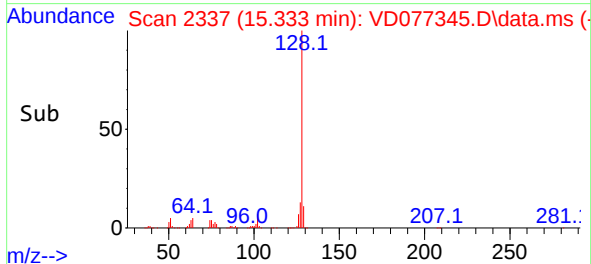
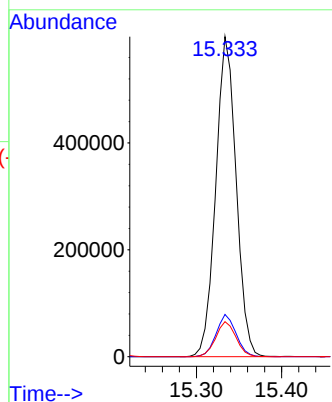
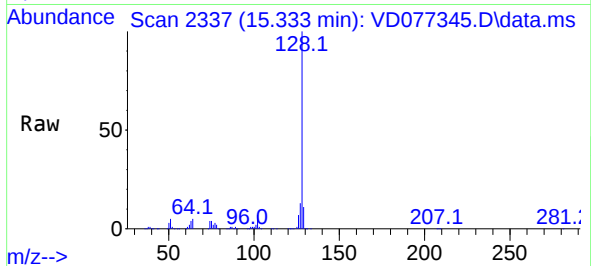




#95
Naphthalene
Concen: 171.277 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 995292
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 164.110 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077345.D
Acq: 17 Oct 2023 17:22

Tgt Ion:180 Resp: 490251
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 29.7 15.1 45.3

