

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101123\
 Data File : VD077314.D
 Acq On : 11 Oct 2023 19:27
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 12 09:00:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 04:48:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	267366	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	494032	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	452911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	205441	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	101992	47.679	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.360%
35) Dibromofluoromethane	7.805	113	123167	46.929	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.860%
50) Toluene-d8	10.269	98	412335	47.786	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.580%
62) 4-Bromofluorobenzene	12.569	95	133385	46.026	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	120099	48.356	ug/l	99
3) Chloromethane	2.146	50	199211	50.651	ug/l	100
4) Vinyl Chloride	2.281	62	201456	46.950	ug/l	99
5) Bromomethane	2.693	94	153943	51.015	ug/l	100
6) Chloroethane	2.834	64	141881	50.090	ug/l	99
7) Trichlorofluoromethane	3.175	101	254393	57.329	ug/l	99
8) Diethyl Ether	3.593	74	88648	57.319	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	157620	49.336	ug/l	95
10) Methyl Iodide	4.164	142	212773	53.914	ug/l	92
11) Tert butyl alcohol	5.052	59	41851	258.489	ug/l	100
12) 1,1-Dichloroethene	3.934	96	159074	51.565	ug/l	# 84
13) Acrolein	3.793	56	64859	343.536	ug/l	98
14) Allyl chloride	4.564	41	232623	54.837	ug/l	# 89
15) Acrylonitrile	5.252	53	195887	257.304	ug/l	98
16) Acetone	4.016	43	162624	245.669	ug/l	88
17) Carbon Disulfide	4.269	76	497719	53.462	ug/l	97
18) Methyl Acetate	4.564	43	139972	53.195	ug/l	90
19) Methyl tert-butyl Ether	5.316	73	378329	54.950	ug/l	99
20) Methylene Chloride	4.799	84	243989	51.614	ug/l	91
21) trans-1,2-Dichloroethene	5.311	96	187714	50.959	ug/l	87
22) Diisopropyl ether	6.216	45	525012	54.639	ug/l	95
23) Vinyl Acetate	6.152	43	1229142	272.957	ug/l	93
24) 1,1-Dichloroethane	6.111	63	333005	52.119	ug/l	96
25) 2-Butanone	7.081	43	228713	259.362	ug/l	89
26) 2,2-Dichloropropane	7.075	77	257151	50.053	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	214829	52.100	ug/l	94
28) Bromochloromethane	7.428	49	134543	53.202	ug/l	# 75
29) Tetrahydrofuran	7.446	42	145080	275.765	ug/l	# 84
30) Chloroform	7.593	83	333495	50.938	ug/l	99
31) Cyclohexane	7.881	56	255409	50.276	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	270998	51.620	ug/l	98
36) 1,1-Dichloropropene	8.010	75	237997	50.024	ug/l	96
37) Ethyl Acetate	7.163	43	101132	50.667	ug/l	95
38) Carbon Tetrachloride	7.993	117	212369	49.207	ug/l	96
39) Methylcyclohexane	9.275	83	277474	51.750	ug/l	91
40) Benzene	8.252	78	750796	51.149	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	57213	53.068	ug/l	89
42) 1,2-Dichloroethane	8.322	62	174434	49.439	ug/l	97
43) Isopropyl Acetate	8.363	43	185272	52.379	ug/l	92
44) Trichloroethene	9.028	130	179411	49.879	ug/l	89
45) 1,2-Dichloropropane	9.304	63	192612	51.021	ug/l	95
46) Dibromomethane	9.393	93	99441	50.254	ug/l	89
47) Bromodichloromethane	9.587	83	243883	50.270	ug/l	100
48) Methyl methacrylate	9.381	41	87069	53.435	ug/l #	81
49) 1,4-Dioxane	9.381	88	19080	925.749	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	482785	261.150	ug/l	93
52) Toluene	10.334	92	463620	51.752	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	239026	52.546	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	287452	50.956	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	135133	50.246	ug/l	92
56) Ethyl methacrylate	10.599	69	167872	48.942	ug/l	92
57) 1,3-Dichloropropane	10.881	76	236025	50.822	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	397091	233.068	ug/l	92
59) 2-Hexanone	10.922	43	334805	256.084	ug/l	91
60) Dibromochloromethane	11.075	129	154554	50.315	ug/l	97
61) 1,2-Dibromoethane	11.181	107	126281	51.440	ug/l	99
64) Tetrachloroethene	10.810	164	136529	47.219	ug/l #	90
65) Chlorobenzene	11.604	112	468837	49.776	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	166074	49.986	ug/l	96
67) Ethyl Benzene	11.681	91	870242	51.773	ug/l	95
68) m/p-Xylenes	11.793	106	665244	102.833	ug/l	89
69) o-Xylene	12.122	106	310716	51.892	ug/l	88
70) Styrene	12.134	104	543745	52.407	ug/l	97
71) Bromoform	12.298	173	83567	49.556	ug/l #	99
73) Isopropylbenzene	12.422	105	798662	52.637	ug/l	95
74) N-amyl acetate	12.234	43	173380	54.344	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	156113	51.271	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	187059	82.876	ug/l #	100
77) Bromobenzene	12.698	156	173674	50.032	ug/l	80
78) n-propylbenzene	12.763	91	1005766	52.278	ug/l	94
79) 2-Chlorotoluene	12.851	91	544124	52.460	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	660232	52.220	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	48156	50.870	ug/l	96
82) 4-Chlorotoluene	12.945	91	573877	52.370	ug/l	93
83) tert-Butylbenzene	13.169	119	557754	52.812	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	670567	52.948	ug/l	94
85) sec-Butylbenzene	13.345	105	847503	51.459	ug/l	95
86) p-Isopropyltoluene	13.463	119	698890	51.651	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	359180	49.337	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	356053	49.513	ug/l	97
89) n-Butylbenzene	13.787	91	683986	51.703	ug/l	98
90) Hexachloroethane	14.051	117	133129	49.901	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	312733	49.708	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	20620	51.747	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	189904	50.044	ug/l	97
94) Hexachlorobutadiene	15.204	225	91849	48.416	ug/l	100
95) Naphthalene	15.334	128	400940	54.490	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	174570	52.058	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Oct 12 04:48:21 2023
Response via : Initial Calibration

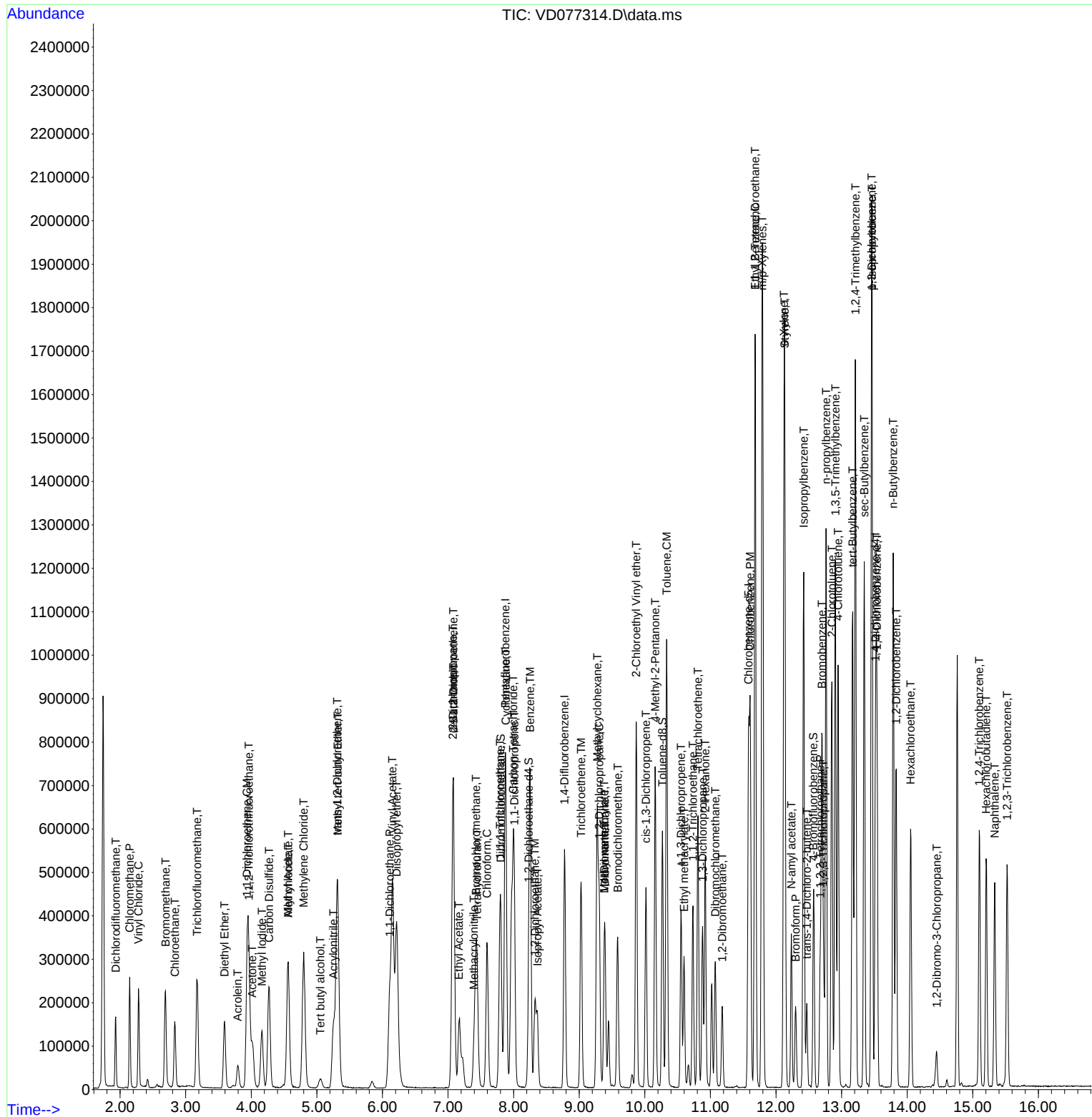
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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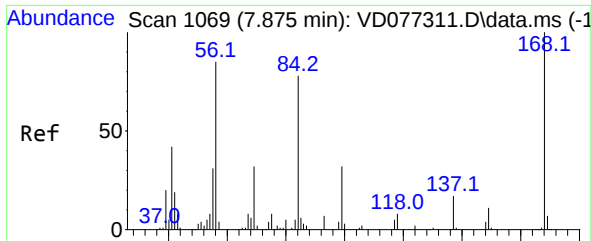
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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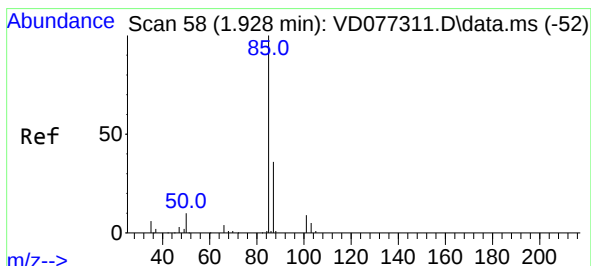
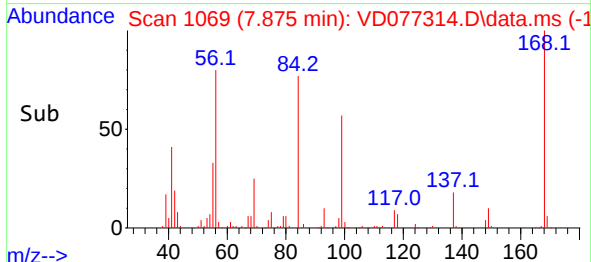
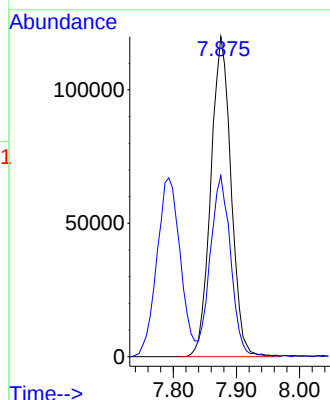
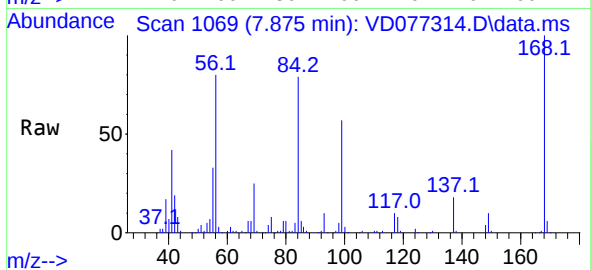




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077314.D
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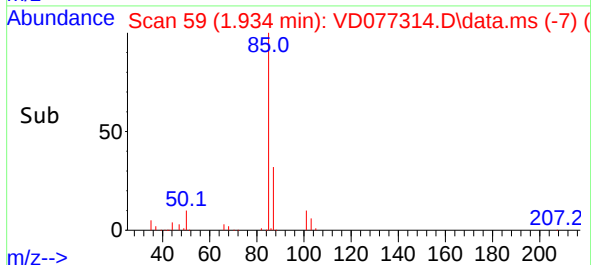
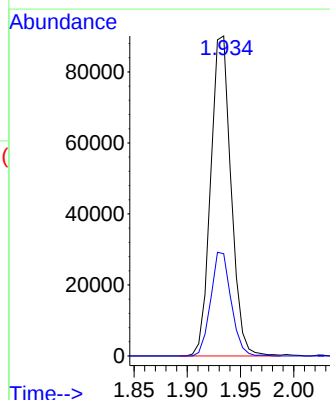
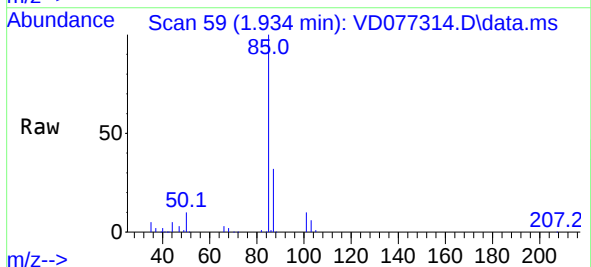
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:168 Resp: 267366
Ion Ratio Lower Upper
168 100
99 56.4 36.7 55.1#

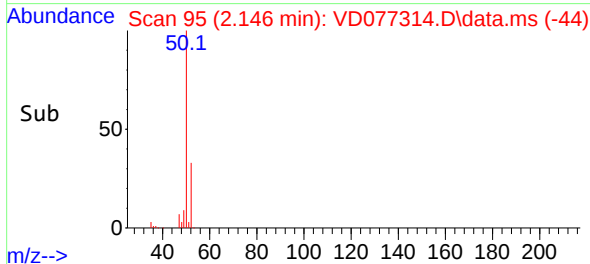
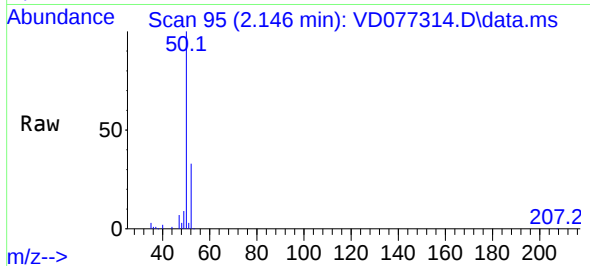
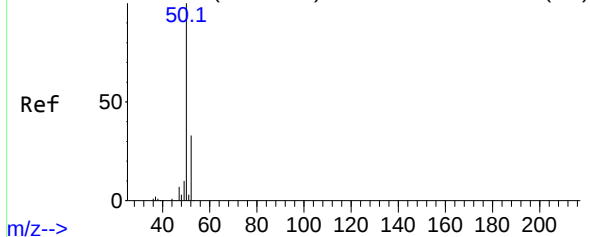


#2
Dichlorodifluoromethane
Concen: 48.356 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 85 Resp: 120099
Ion Ratio Lower Upper
85 100
87 31.9 15.7 47.0



Abundance Scan 95 (2.146 min): VD077311.D\data.ms (-88)



#3

Chloromethane

Concen: 50.651 ug/l

RT: 2.146 min Scan# 95

Delta R.T. 0.000 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

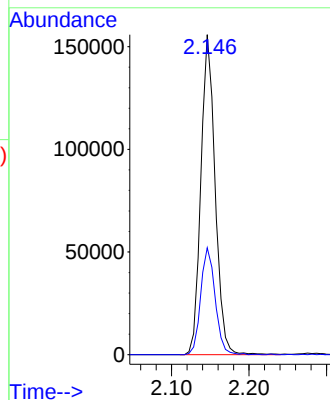
ClientSampleId :

Tgt Ion: 50 Resp: 199211

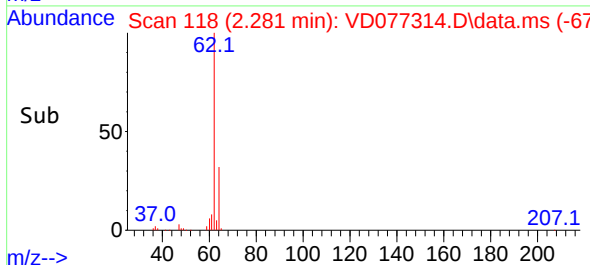
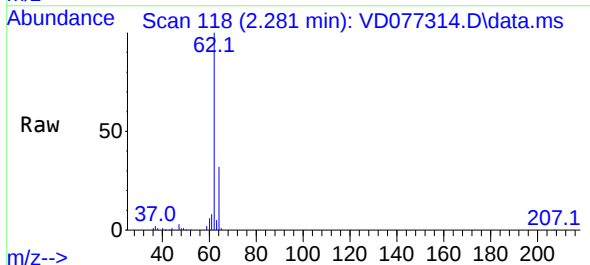
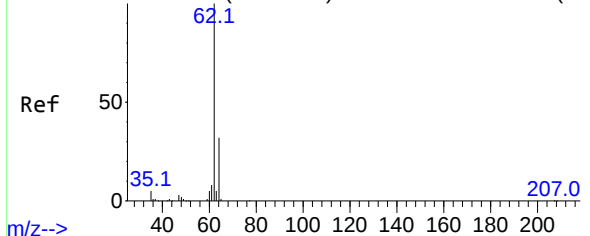
Ion Ratio Lower Upper

50 100

52 33.4 26.6 40.0



Abundance Scan 118 (2.281 min): VD077311.D\data.ms (-11)



#4

Vinyl Chloride

Concen: 46.950 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077314.D

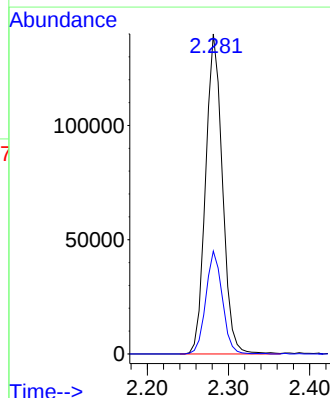
Acq: 11 Oct 2023 19:27

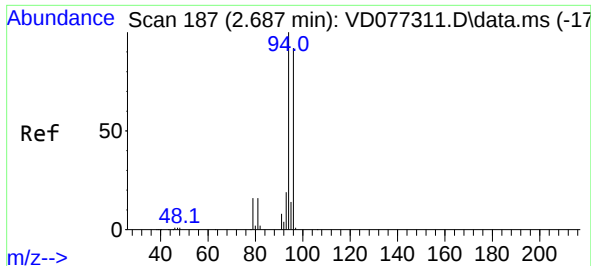
Tgt Ion: 62 Resp: 201456

Ion Ratio Lower Upper

62 100

64 32.2 26.0 39.0

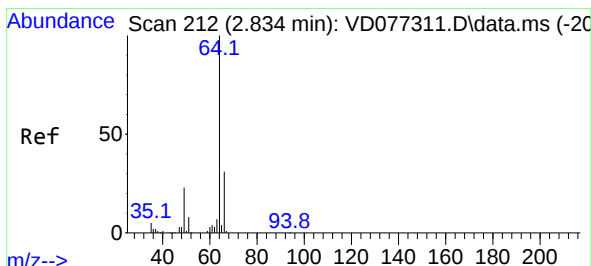
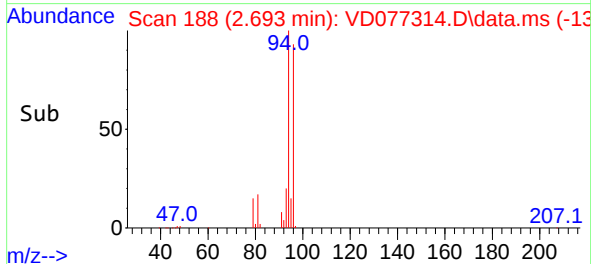
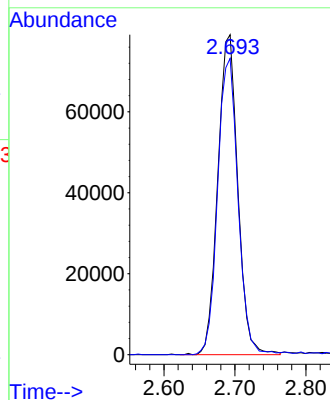
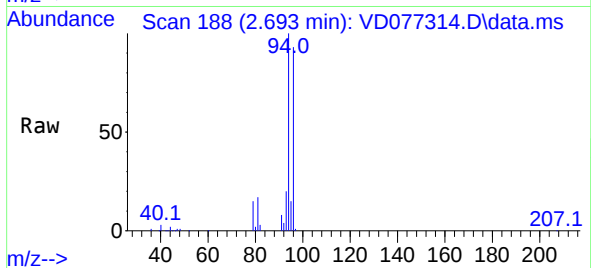




#5
Bromomethane
Concen: 51.015 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

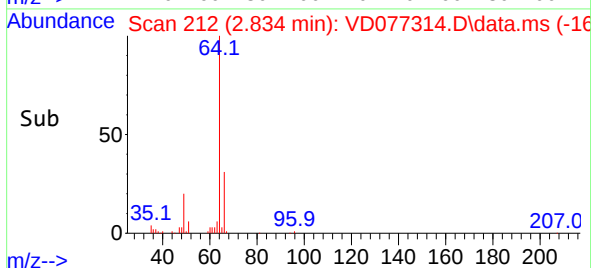
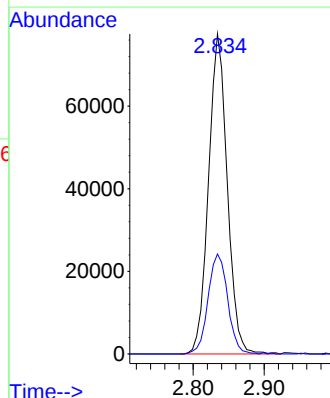
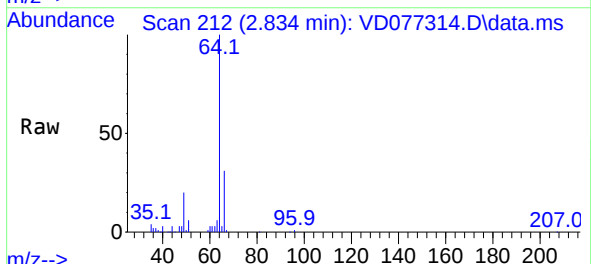
Instrument :
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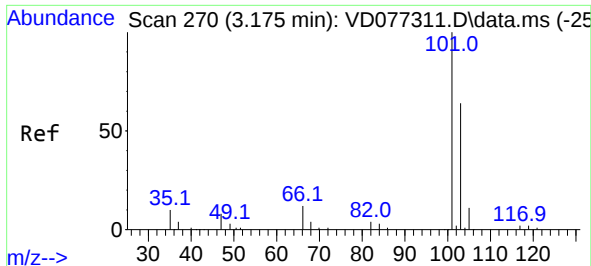
Tgt Ion: 94 Resp: 153943
Ion Ratio Lower Upper
94 100
96 94.3 75.8 113.8



#6
Chloroethane
Concen: 50.090 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 64 Resp: 141881
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

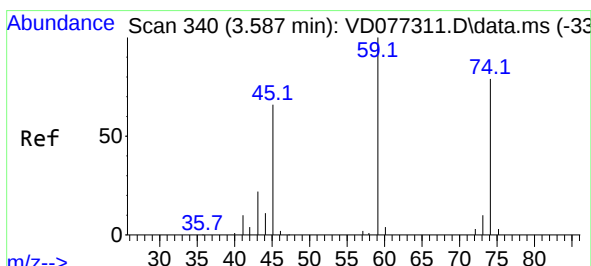
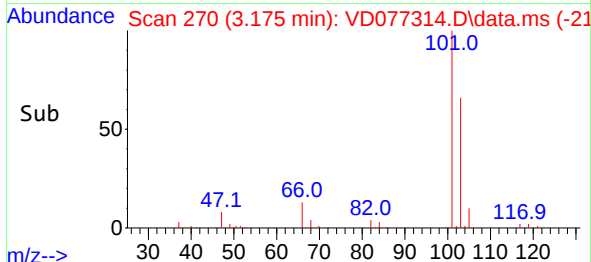
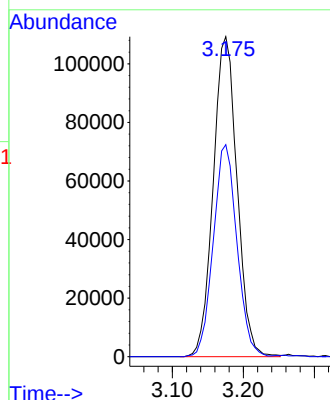
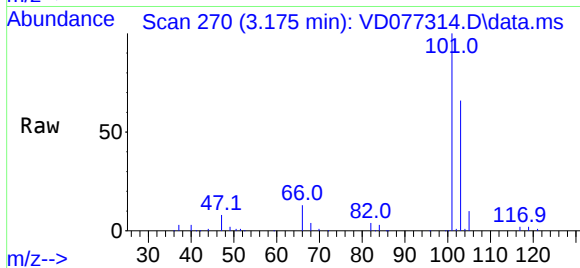




#7
 Trichlorofluoromethane
 Concen: 57.329 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

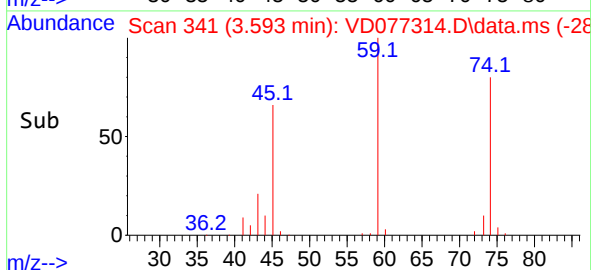
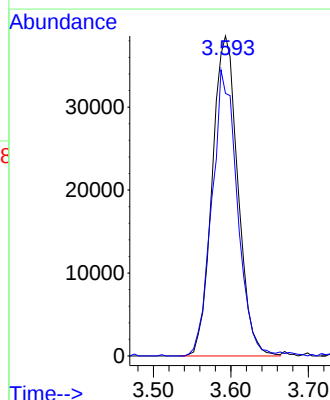
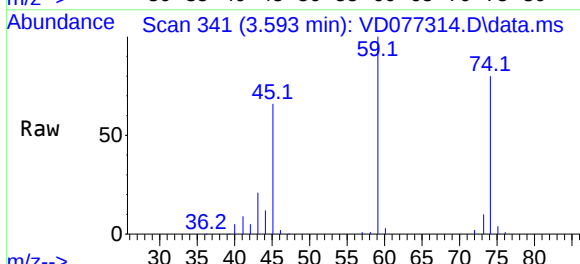
Instrument :
 MSVOA_D
 ClientSampleId :

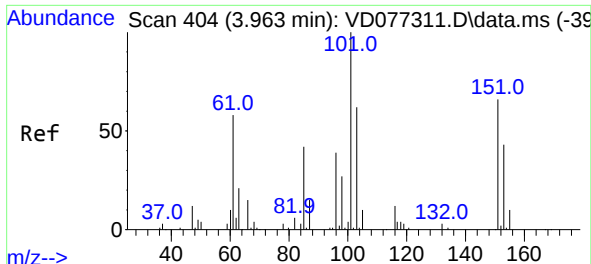
Tgt Ion:101 Resp: 254393
 Ion Ratio Lower Upper
 101 100
 103 66.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 57.319 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

Tgt Ion: 74 Resp: 88648
 Ion Ratio Lower Upper
 74 100
 45 88.5 37.5 112.7

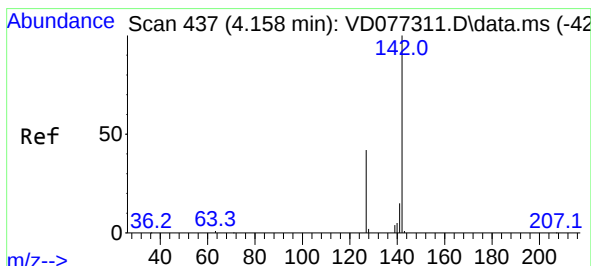
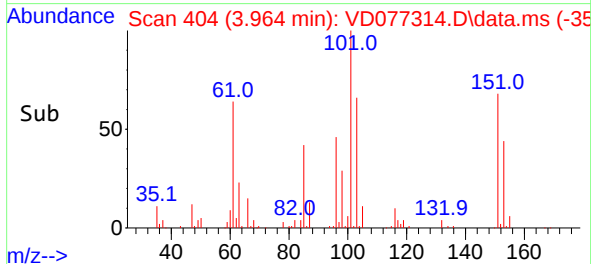
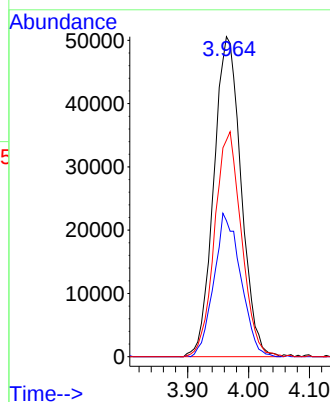
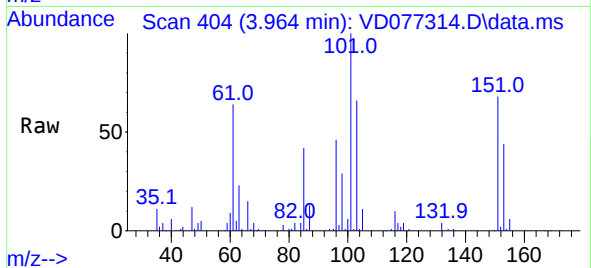




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.336 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

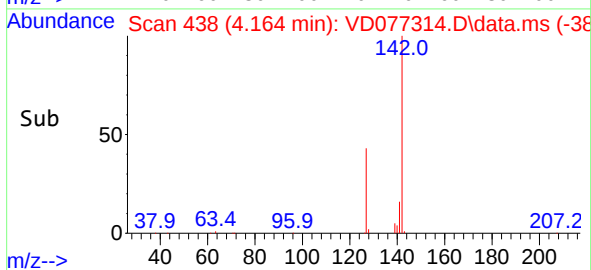
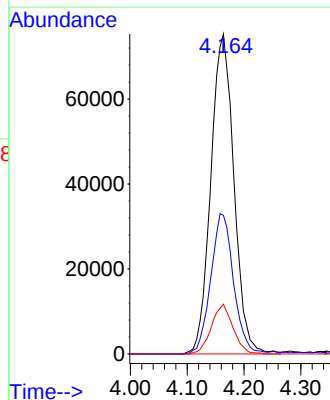
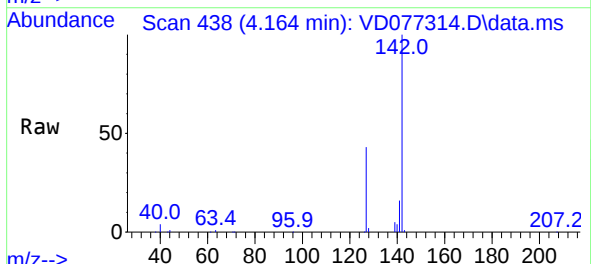
Instrument :
MSVOA_D
ClientSampleId :

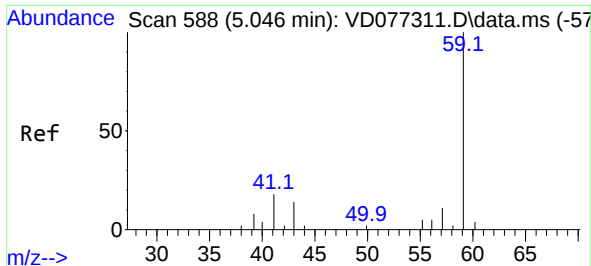
Tgt Ion:101 Resp: 157620
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 69.2 59.8 89.6



#10
Methyl Iodide
Concen: 53.914 ug/l
RT: 4.164 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:142 Resp: 212773
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 258.489 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

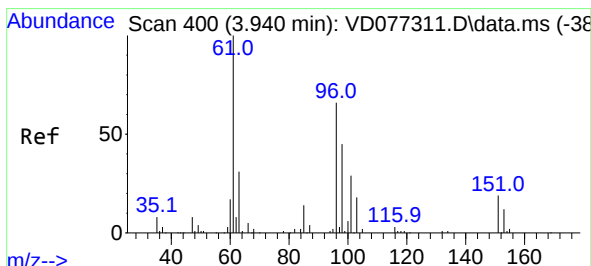
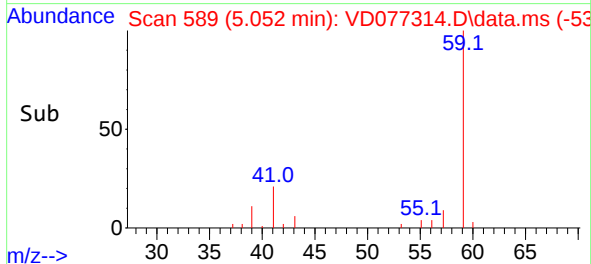
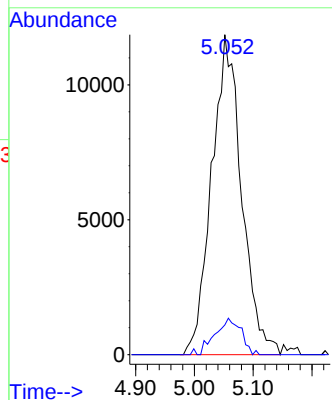
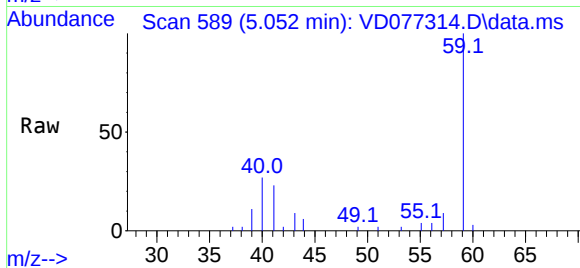
ClientSampleId :

Tgt Ion: 59 Resp: 41851

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 51.565 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

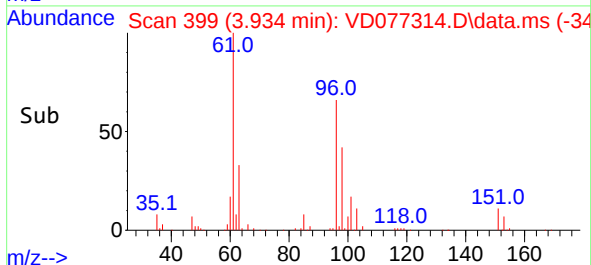
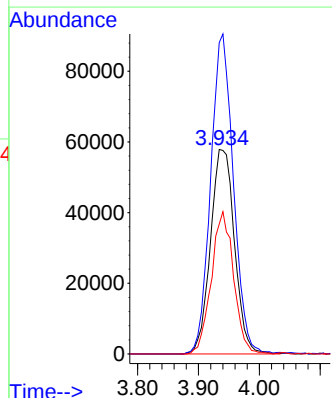
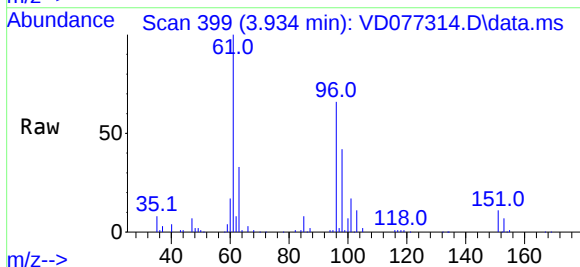
Tgt Ion: 96 Resp: 159074

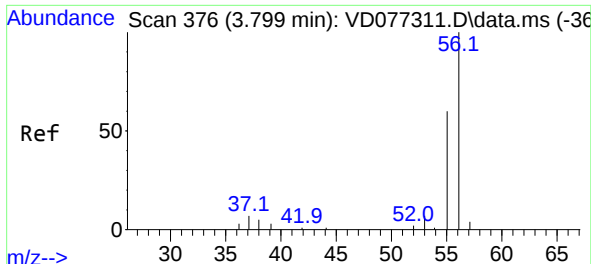
Ion Ratio Lower Upper

96 100

61 152.3 100.6 150.8#

98 63.6 50.2 75.2

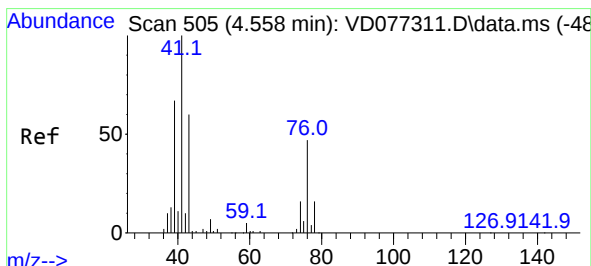
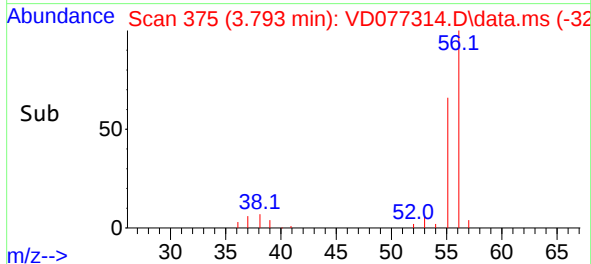
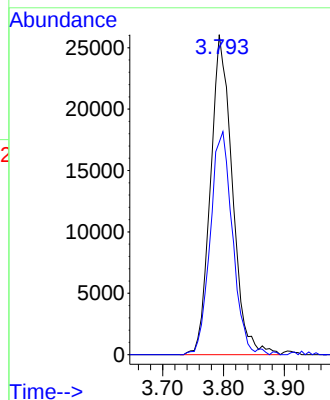
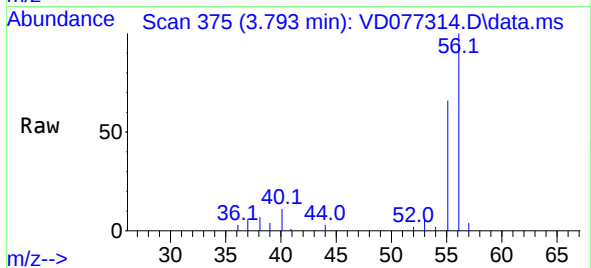




#13
Acrolein
Concen: 343.536 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

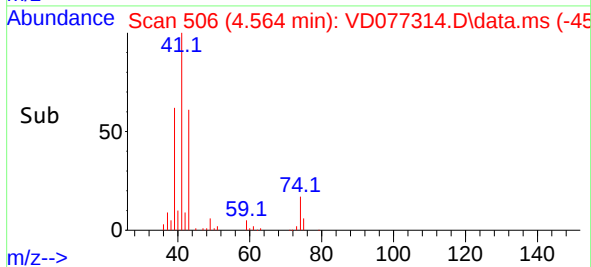
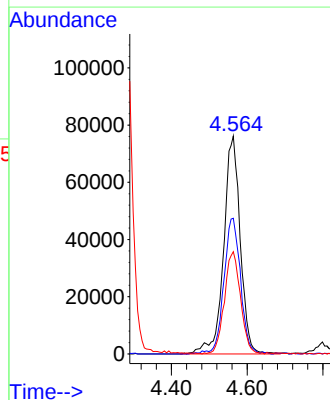
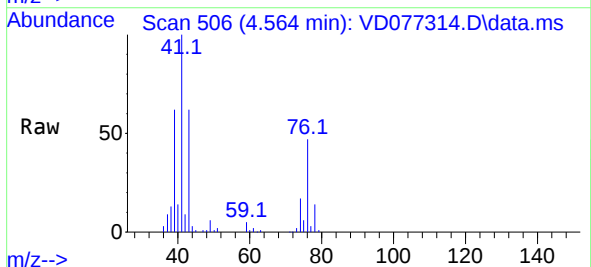
Instrument :
MSVOA_D
ClientSampleId :

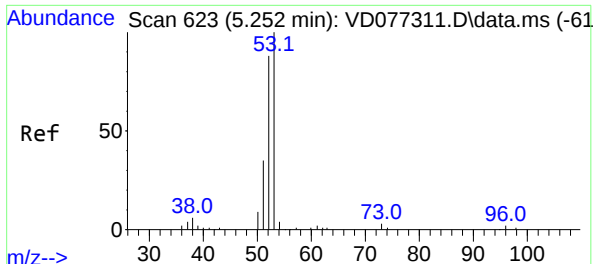
Tgt Ion: 56 Resp: 64859
Ion Ratio Lower Upper
56 100
55 70.5 55.1 82.7



#14
Allyl chloride
Concen: 54.837 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 41 Resp: 232623
Ion Ratio Lower Upper
41 100
39 62.3 53.8 80.6
76 45.6 45.8 68.8#

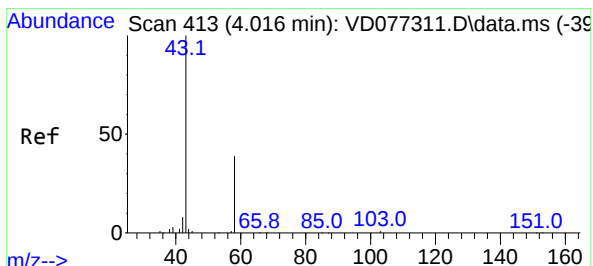
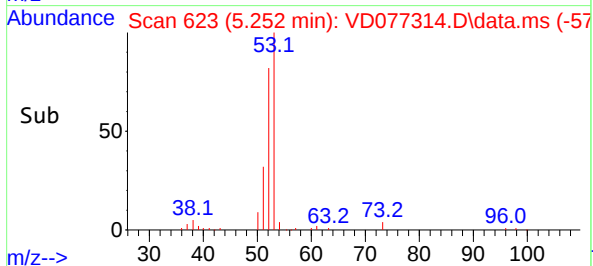
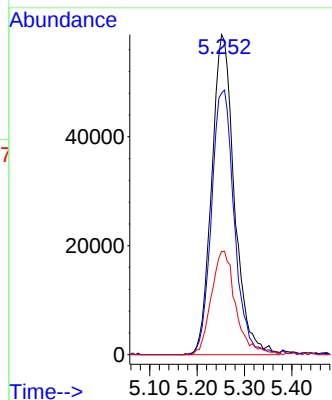
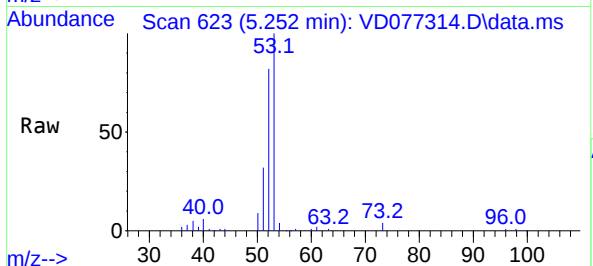




#15
Acrylonitrile
Concen: 257.304 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

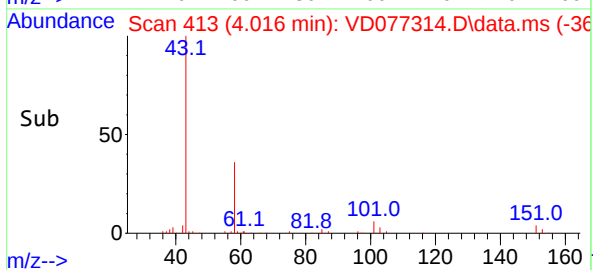
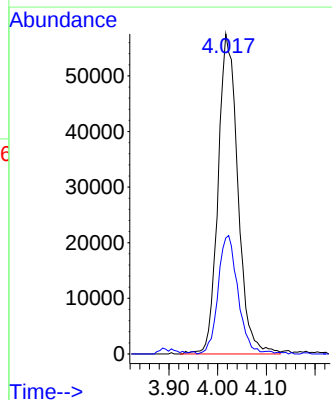
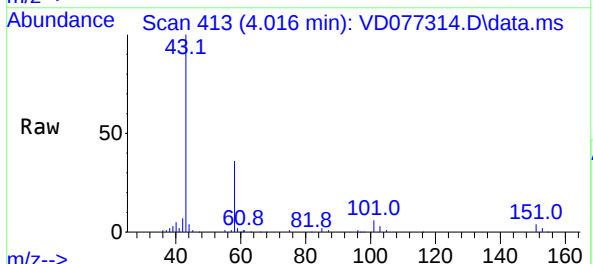
Instrument :
MSVOA_D
ClientSampleId :

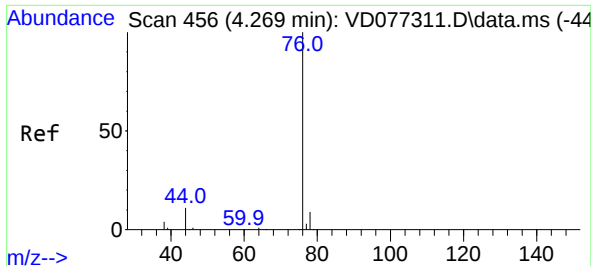
Tgt Ion: 53 Resp: 195887
Ion Ratio Lower Upper
53 100
52 82.9 65.0 97.4
51 34.7 28.3 42.5



#16
Acetone
Concen: 245.669 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 43 Resp: 162624
Ion Ratio Lower Upper
43 100
58 35.8 34.7 52.1

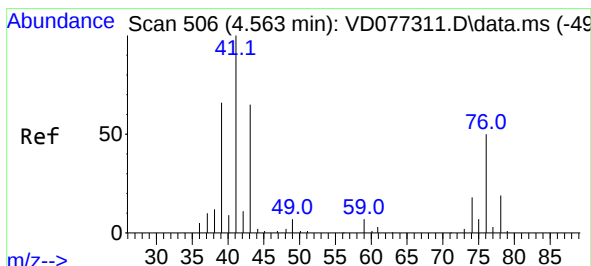
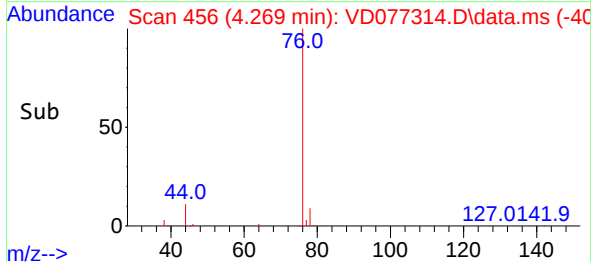
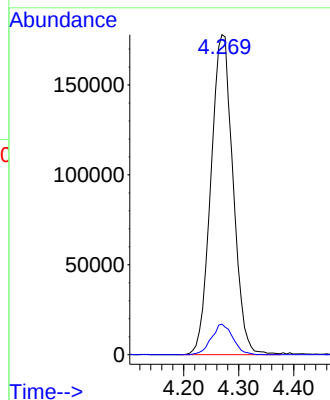
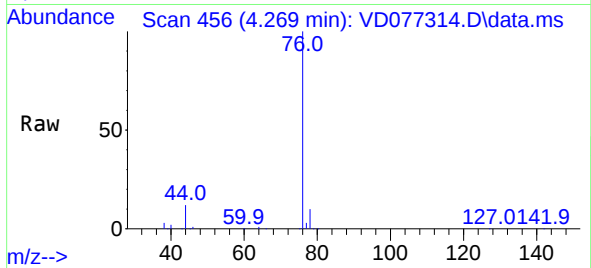




#17
Carbon Disulfide
Concen: 53.462 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

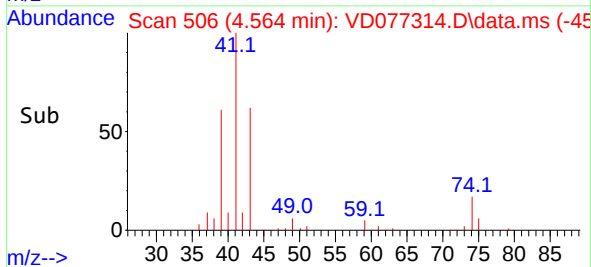
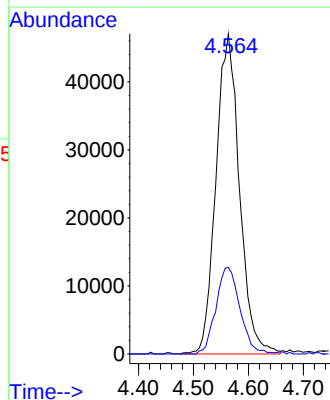
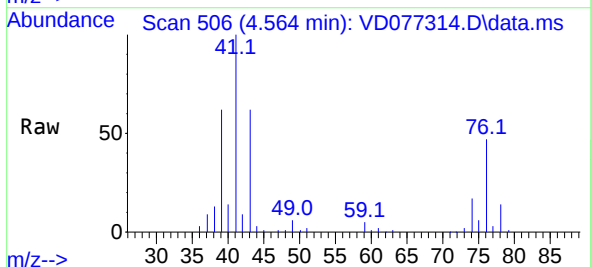
Instrument :
MSVOA_D
ClientSampleId :

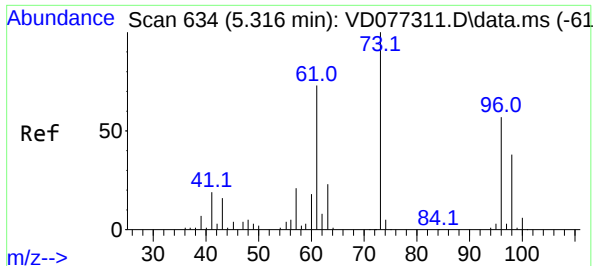
Tgt Ion: 76 Resp: 497719
Ion Ratio Lower Upper
76 100
78 9.6 6.8 10.2



#18
Methyl Acetate
Concen: 53.195 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

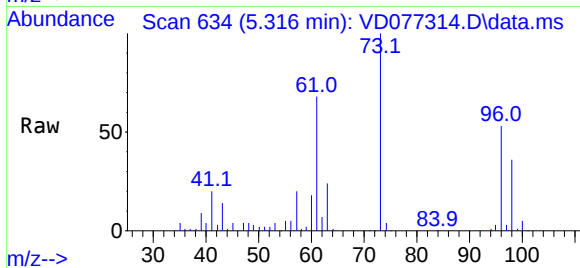
Tgt Ion: 43 Resp: 139972
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6



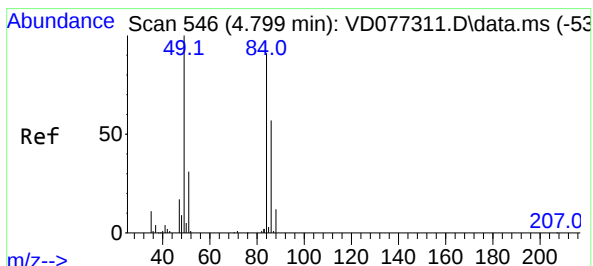
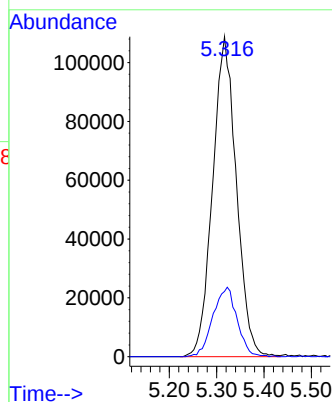
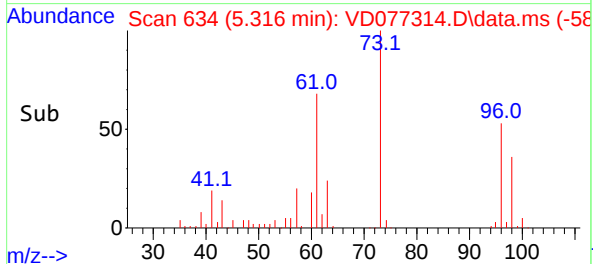


#19
Methyl tert-butyl Ether
Concen: 54.950 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

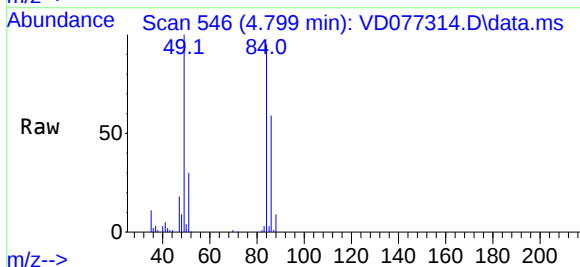
Instrument :
MSVOA_D
ClientSampleId :



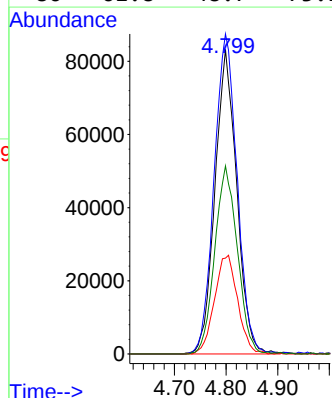
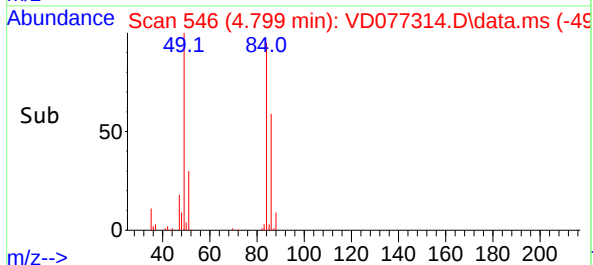
Tgt Ion: 73 Resp: 378329
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

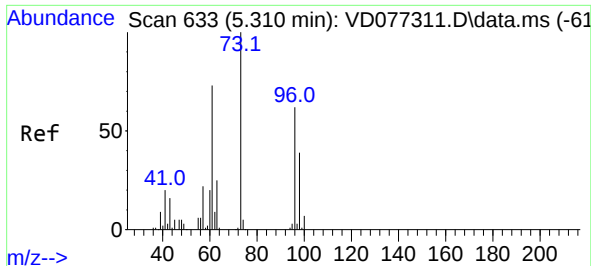


#20
Methylene Chloride
Concen: 51.614 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27



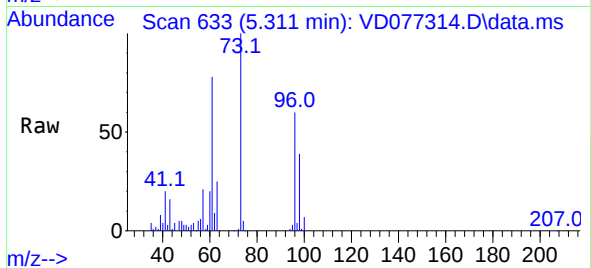
Tgt Ion: 84 Resp: 243989
Ion Ratio Lower Upper
84 100
49 105.2 71.4 107.2
51 31.5 24.5 36.7
86 61.8 48.7 73.1



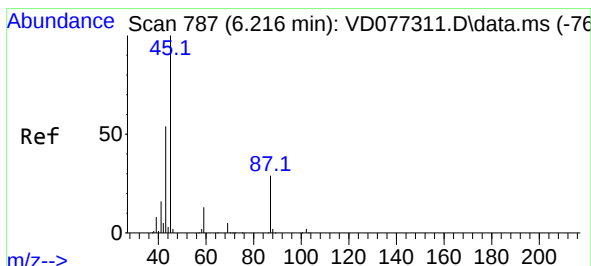
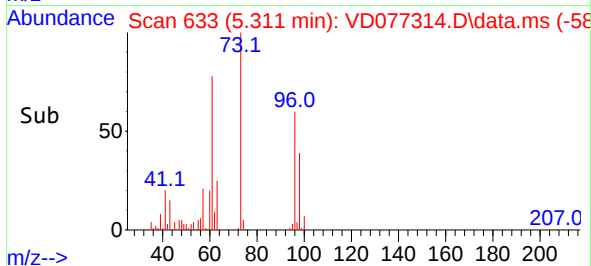
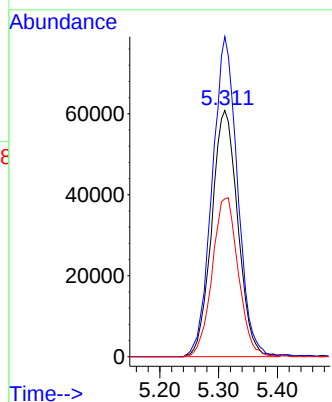


#21
trans-1,2-Dichloroethene
Concen: 50.959 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

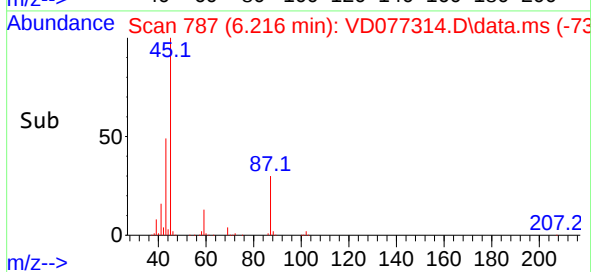
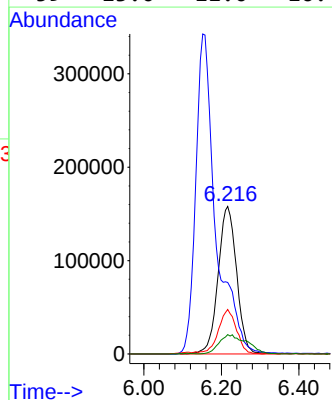
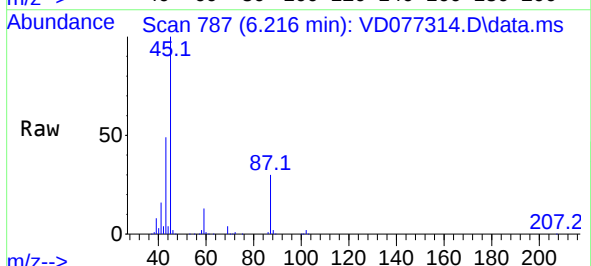


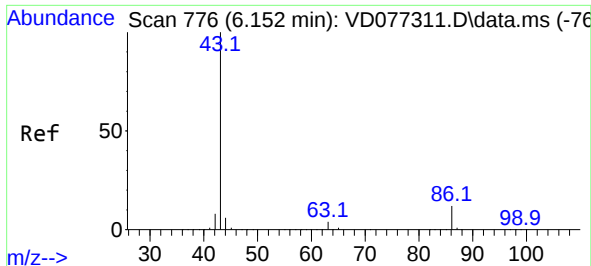
Tgt Ion: 96 Resp: 187714
Ion Ratio Lower Upper
96 100
61 129.9 89.3 133.9
98 64.1 48.6 73.0



#22
Diisopropyl ether
Concen: 54.639 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 45 Resp: 525012
Ion Ratio Lower Upper
45 100
43 47.9 40.0 60.0
87 30.1 28.2 42.4
59 13.0 11.0 16.4

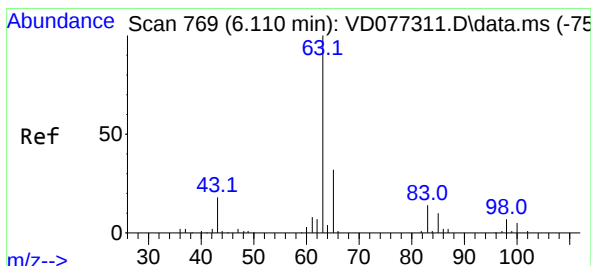
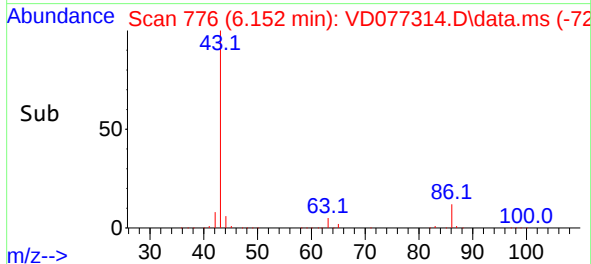
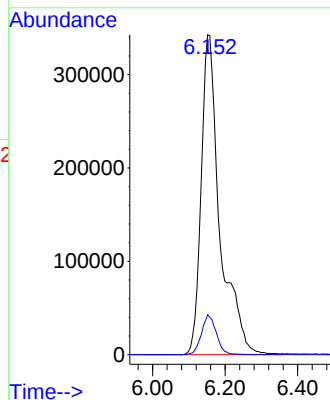
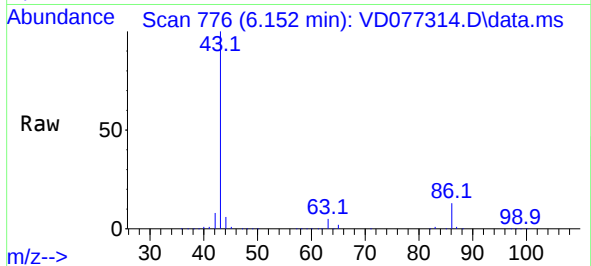




#23
 Vinyl Acetate
 Concen: 272.957 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

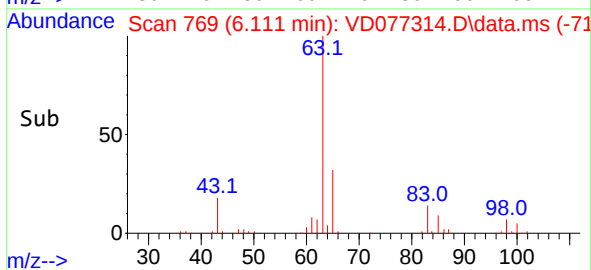
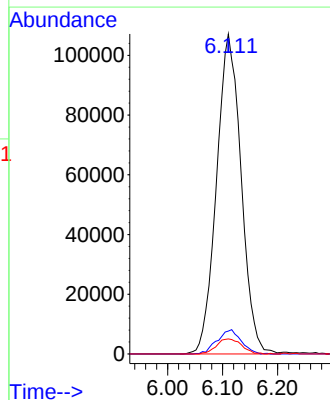
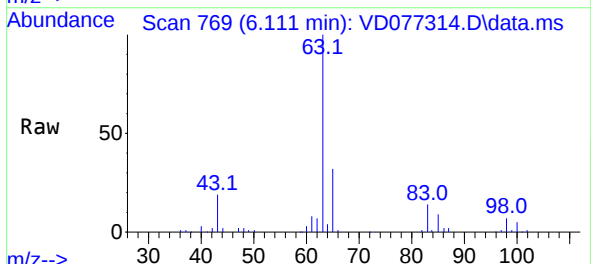
Instrument :
 MSVOA_D
 ClientSampleId :

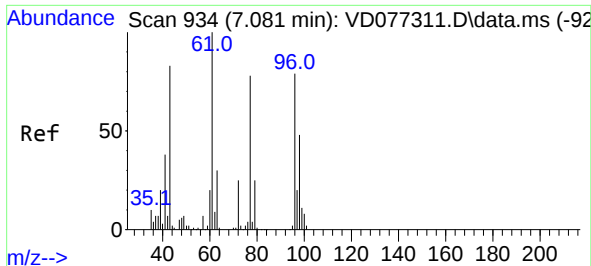
Tgt Ion: 43 Resp: 1229142
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 52.119 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

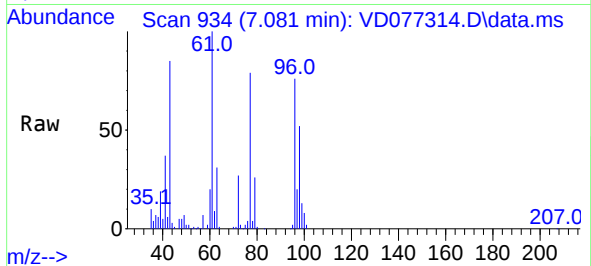
Tgt Ion: 63 Resp: 333005
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 4.7 2.5 7.5



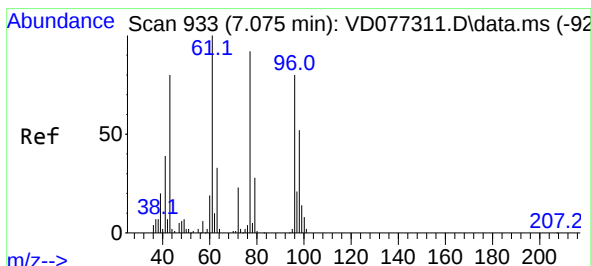
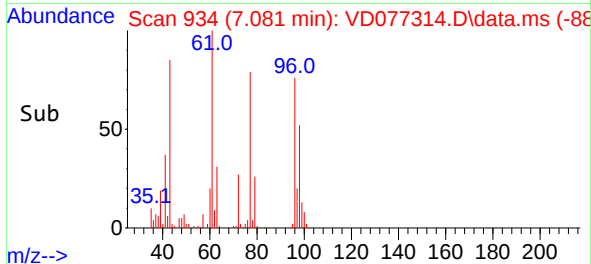
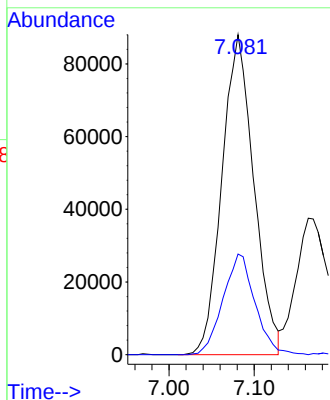


#25
2-Butanone
Concen: 259.362 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

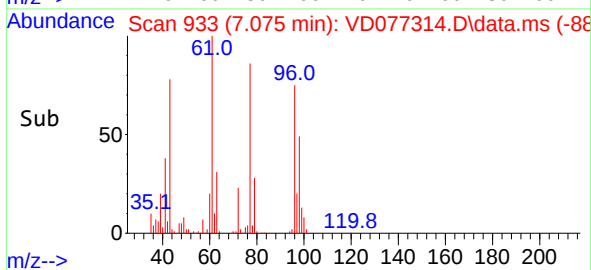
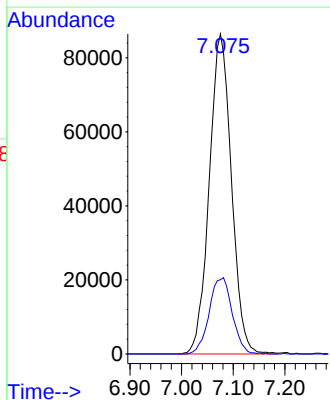
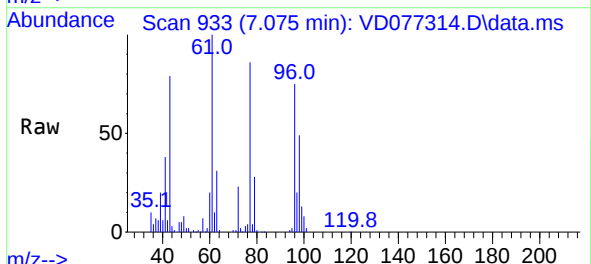


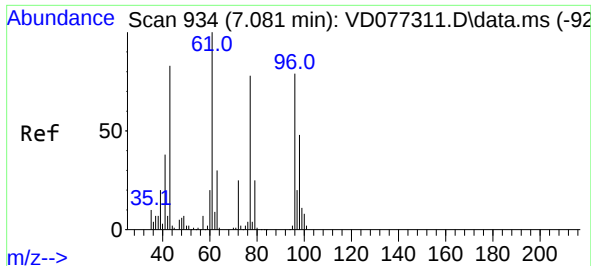
Tgt Ion: 43 Resp: 228713
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 50.053 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

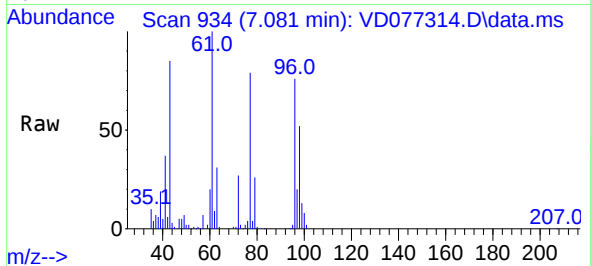
Tgt Ion: 77 Resp: 257151
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6





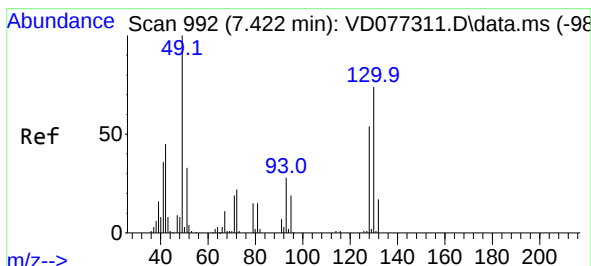
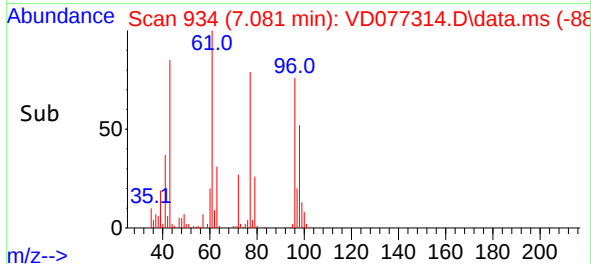
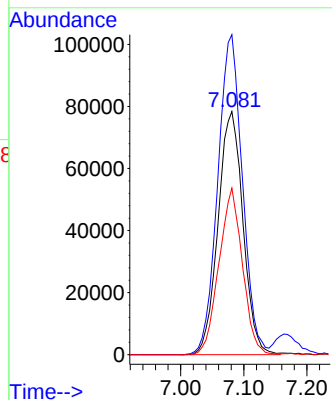
#27
 cis-1,2-Dichloroethene
 Concen: 52.100 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 214829

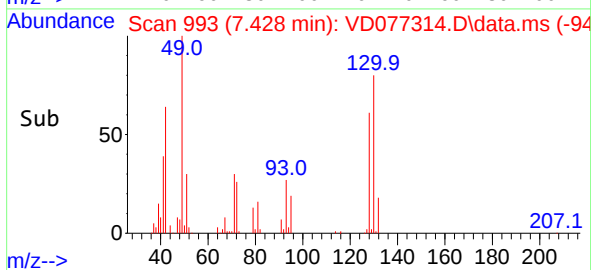
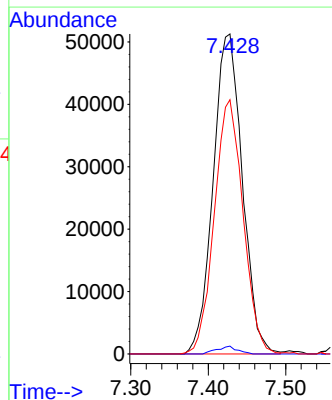
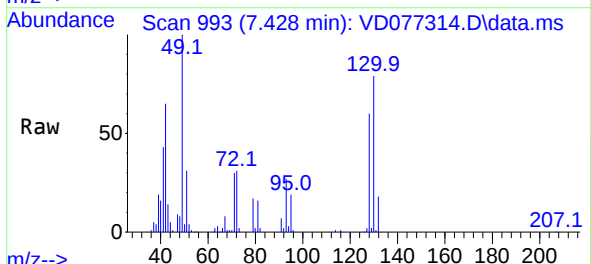
Ion	Ratio	Lower	Upper
96	100		
61	130.2	0.0	239.2
98	64.5	0.0	128.6

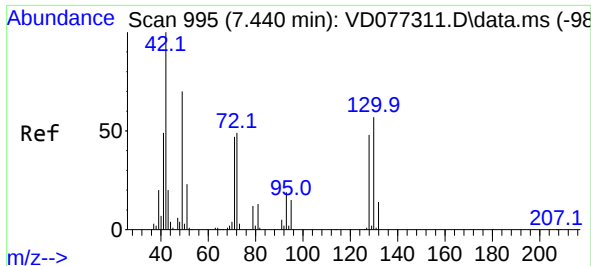


#28
 Bromochloromethane
 Concen: 53.202 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077314.D
 Acq: 11 Oct 2023 19:27

Tgt Ion: 49 Resp: 134543

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.0
130	78.2	83.2	124.8#





#29

Tetrahydrofuran

Concen: 275.765 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

ClientSampleId :

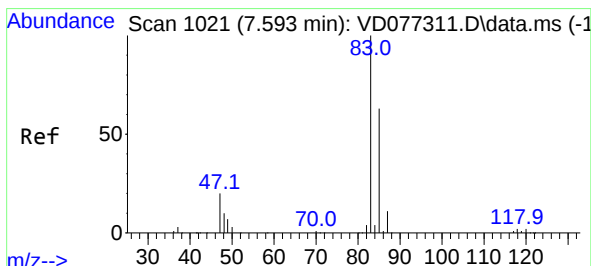
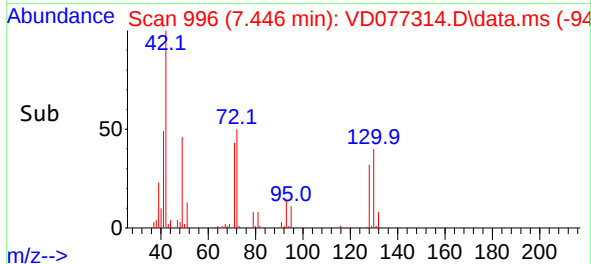
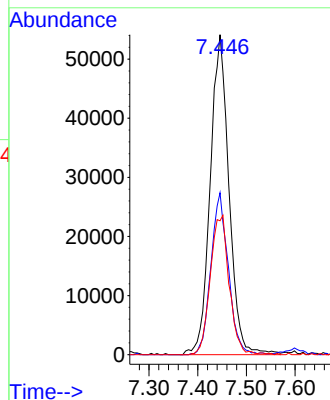
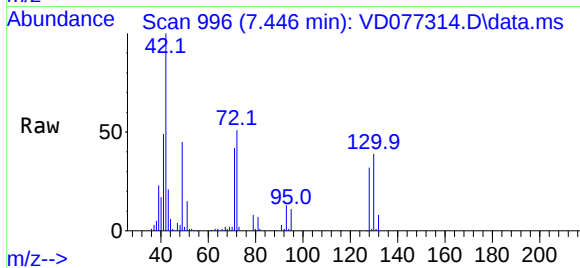
Tgt Ion: 42 Resp: 145080

Ion Ratio Lower Upper

42 100

72 47.0 46.5 69.7

71 43.5 44.5 66.7#



#30

Chloroform

Concen: 50.938 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077314.D

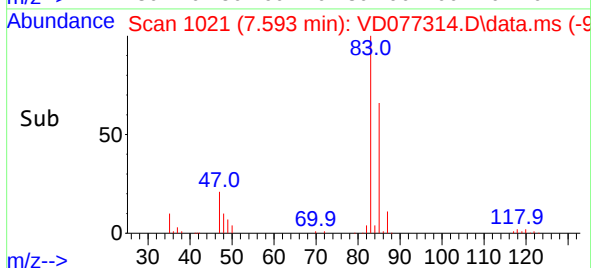
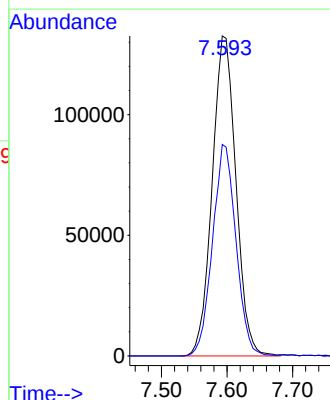
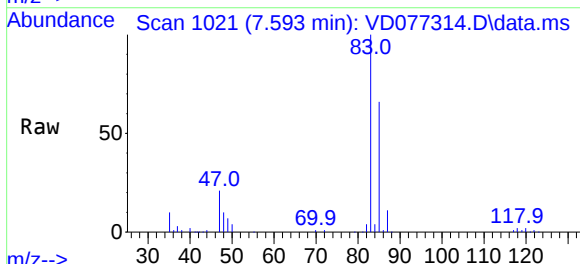
Acq: 11 Oct 2023 19:27

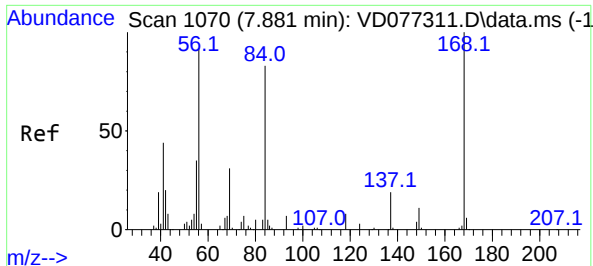
Tgt Ion: 83 Resp: 333495

Ion Ratio Lower Upper

83 100

85 66.1 53.4 80.2





#31

Cyclohexane

Concen: 50.276 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

ClientSampleId :

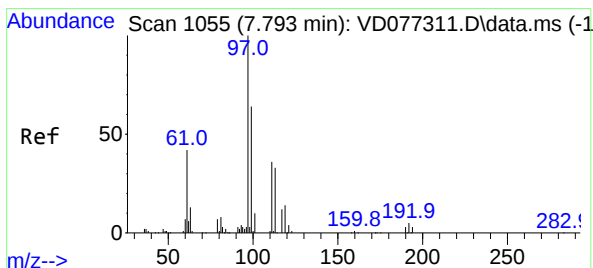
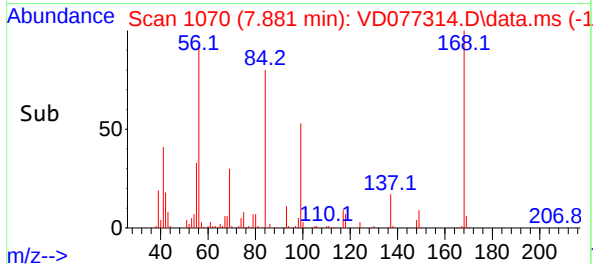
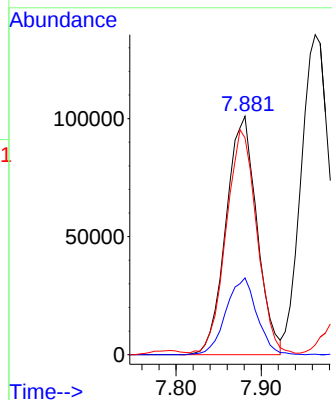
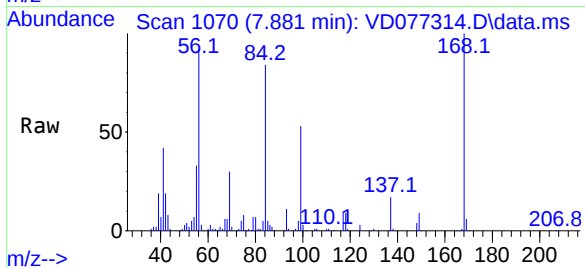
Tgt Ion: 56 Resp: 255409

Ion Ratio Lower Upper

56 100

69 32.2 28.6 43.0

84 89.7 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 51.620 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

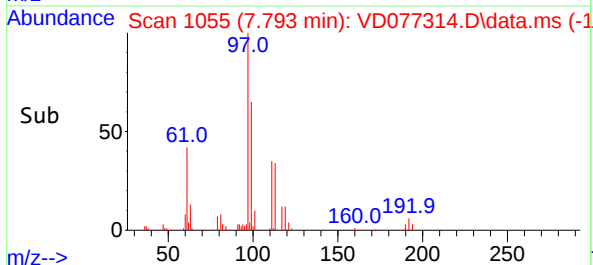
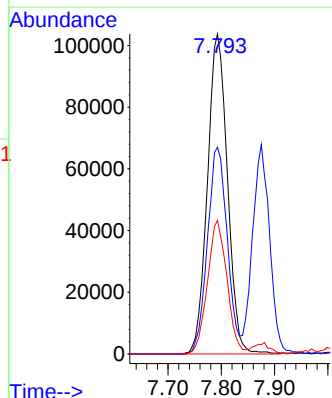
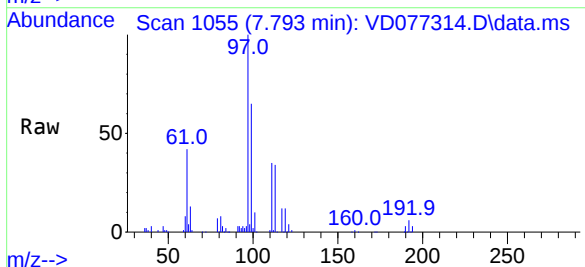
Tgt Ion: 97 Resp: 270998

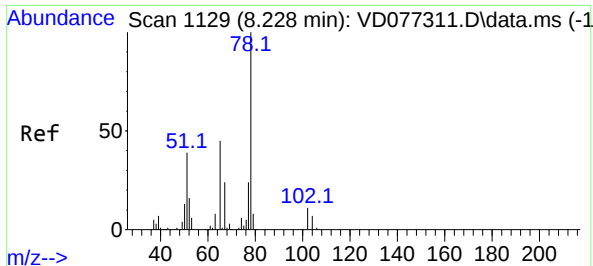
Ion Ratio Lower Upper

97 100

99 63.8 52.0 78.0

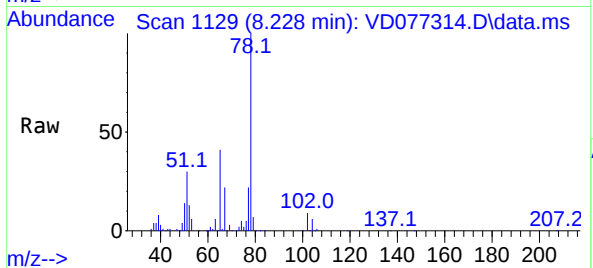
61 40.6 33.8 50.8



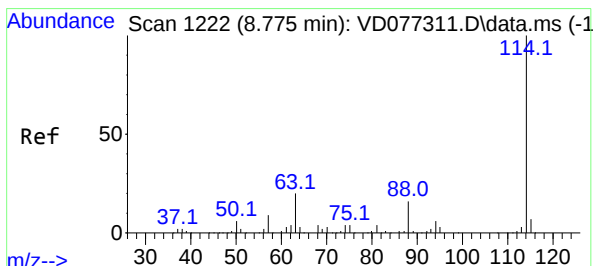
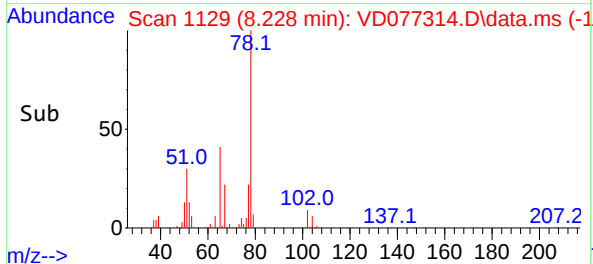
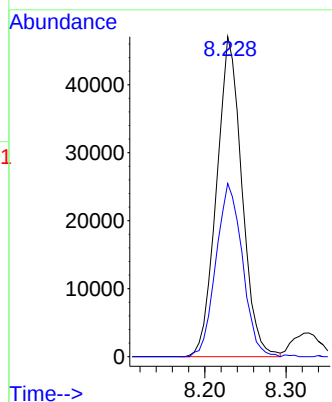


#33
1,2-Dichloroethane-d4
Concen: 47.679 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

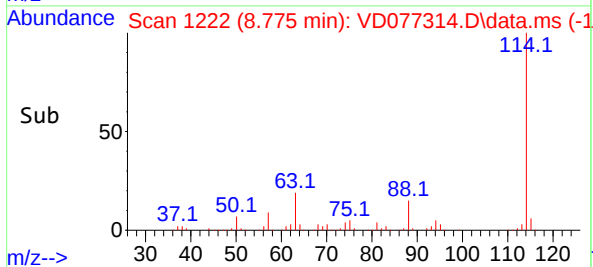
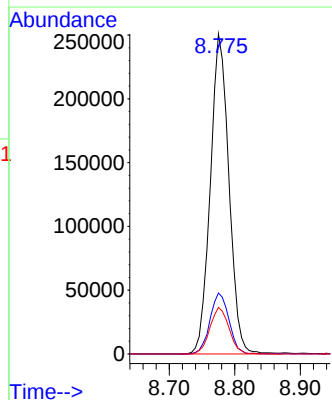
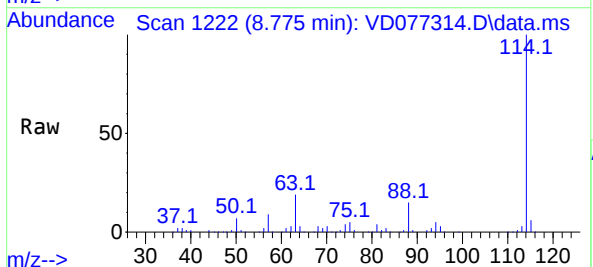


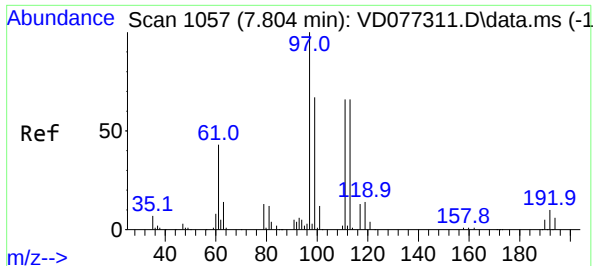
Tgt Ion: 65 Resp: 101992
Ion Ratio Lower Upper
65 100
67 56.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

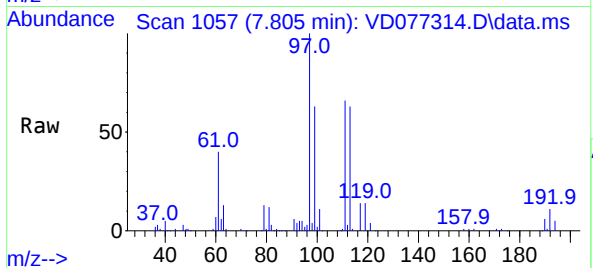
Tgt Ion: 114 Resp: 494032
Ion Ratio Lower Upper
114 100
63 19.0 0.0 33.4
88 14.6 0.0 26.2



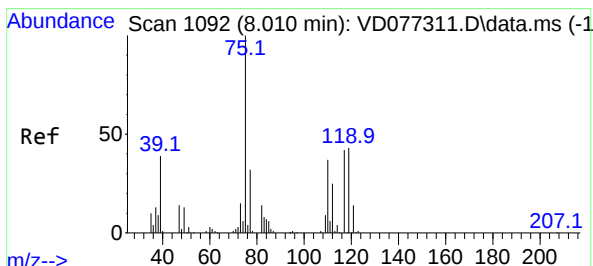
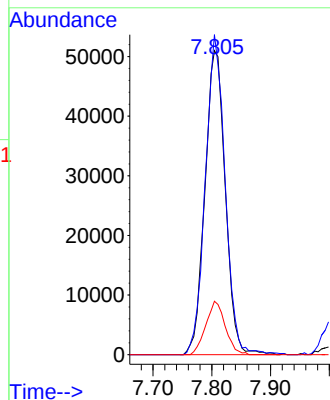
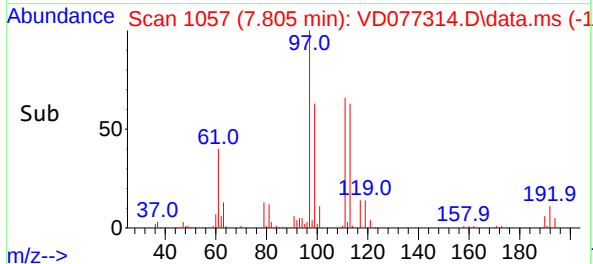


#35
Dibromofluoromethane
Concen: 46.929 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

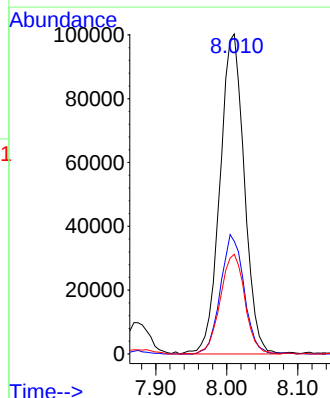
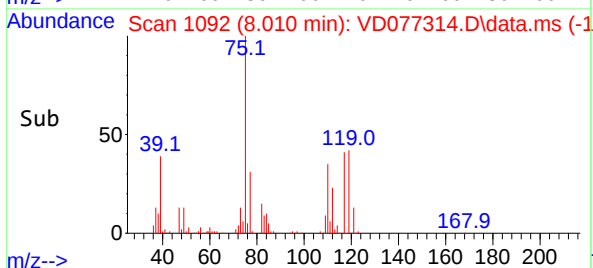
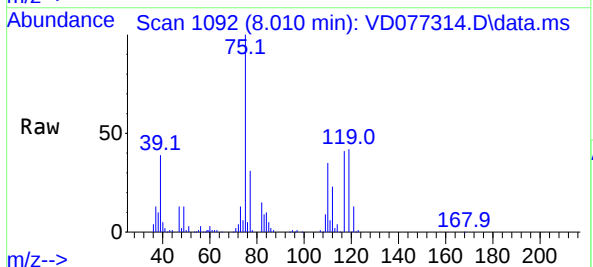


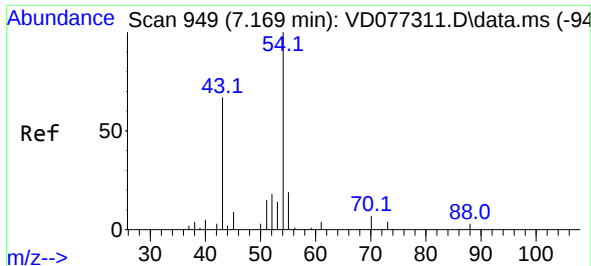
Tgt Ion:113 Resp: 123167
Ion Ratio Lower Upper
113 100
111 102.2 84.7 127.1
192 16.8 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 50.024 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

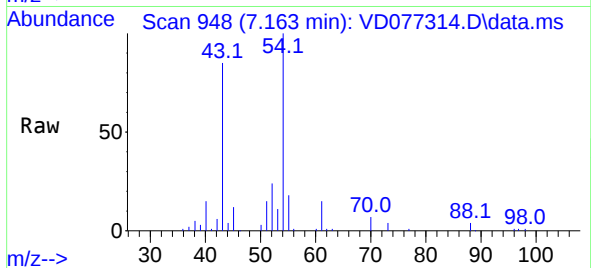
Tgt Ion: 75 Resp: 237997
Ion Ratio Lower Upper
75 100
110 36.2 19.9 59.6
77 31.5 24.7 37.1



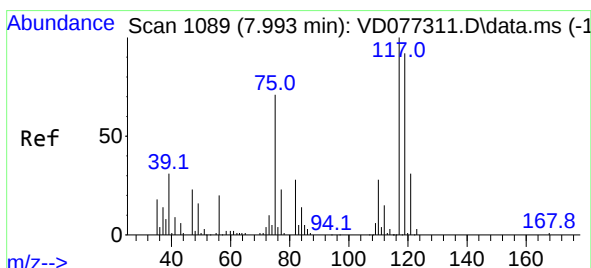
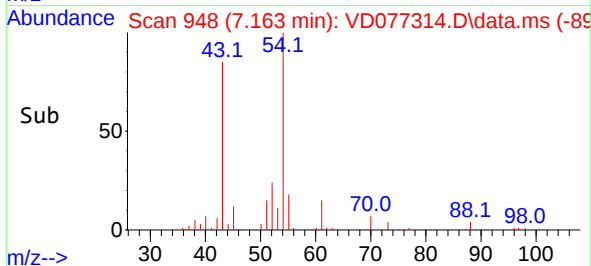
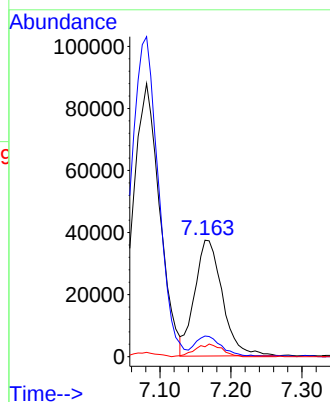


#37
Ethyl Acetate
Concen: 50.667 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

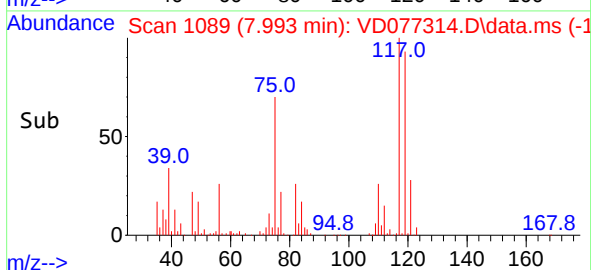
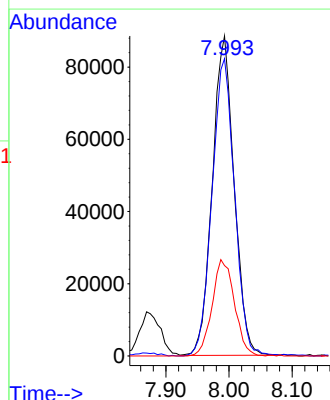
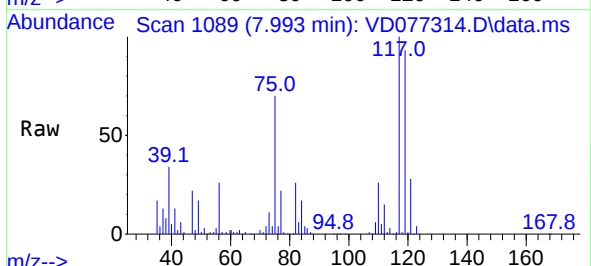


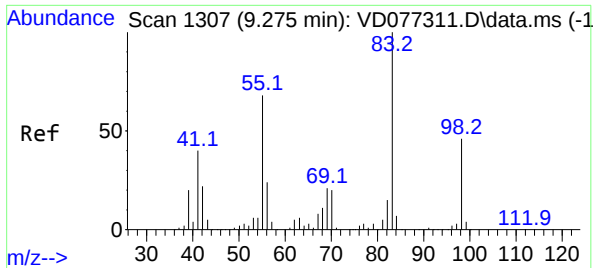
Tgt Ion: 43 Resp: 101132
Ion Ratio Lower Upper
43 100
61 16.4 14.9 22.3
70 10.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 49.207 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 117 Resp: 212369
Ion Ratio Lower Upper
117 100
119 93.1 78.0 117.0
121 28.3 24.2 36.2

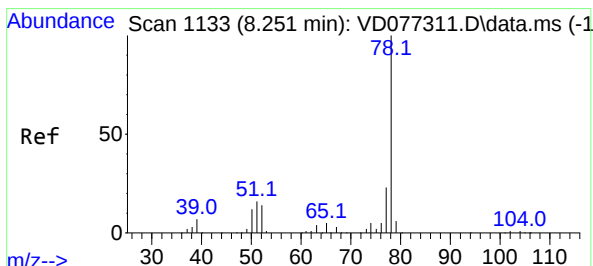
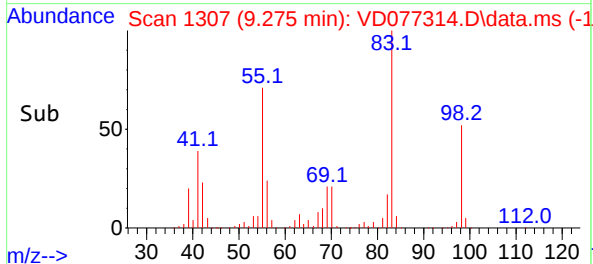
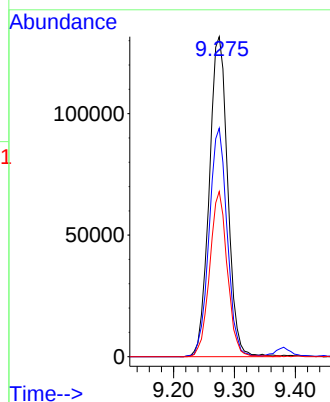
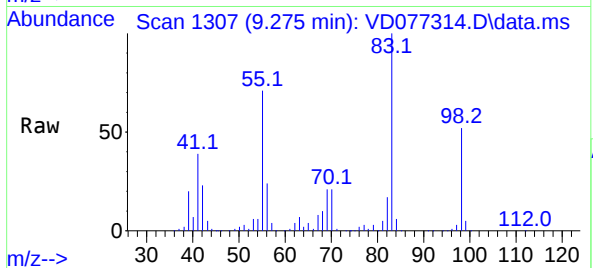




#39
Methylcyclohexane
Concen: 51.750 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

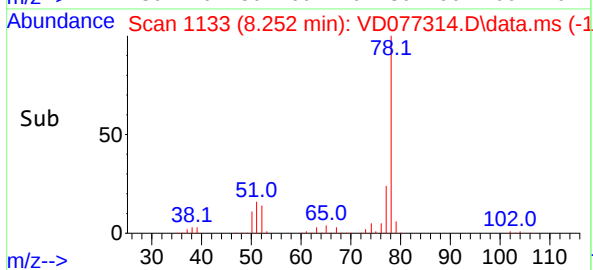
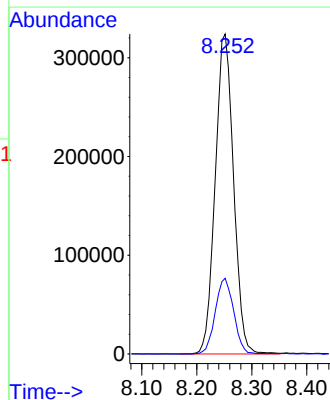
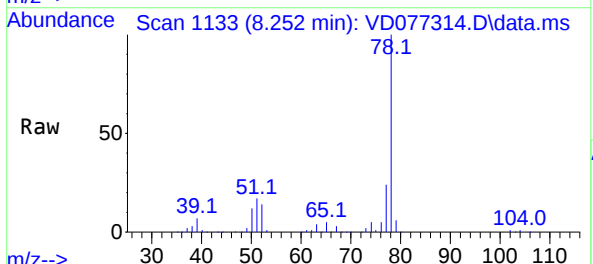
Instrument :
MSVOA_D
ClientSampleId :

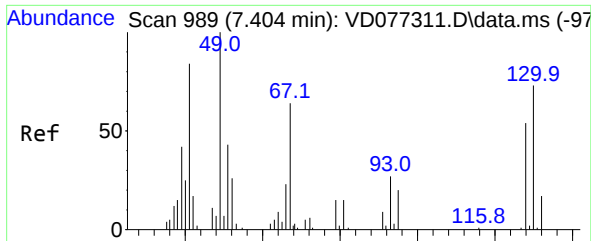
Tgt Ion: 83 Resp: 277474
Ion Ratio Lower Upper
83 100
55 71.4 49.4 74.0
98 51.6 38.4 57.6



#40
Benzene
Concen: 51.149 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

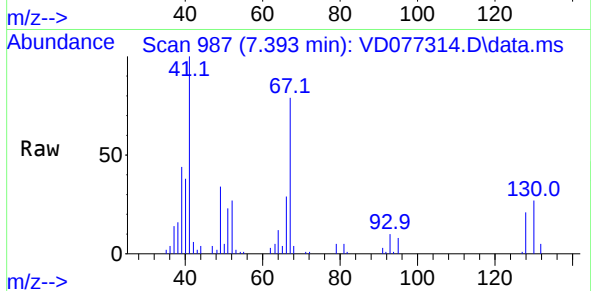
Tgt Ion: 78 Resp: 750796
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





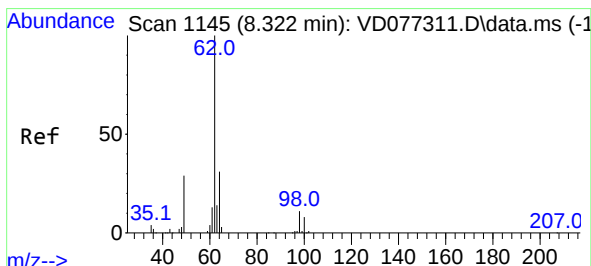
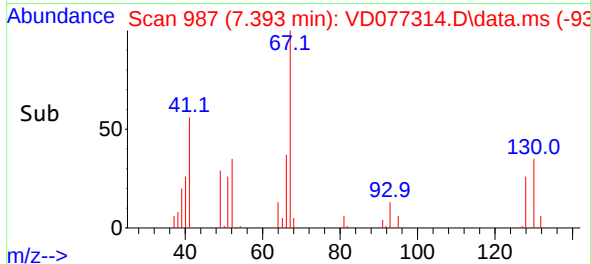
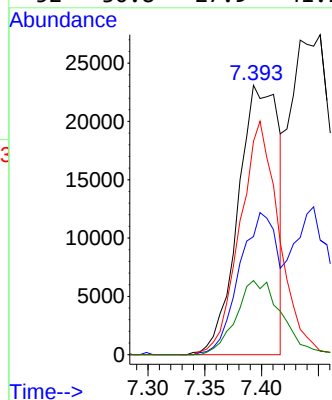
#41
Methacrylonitrile
Concen: 53.068 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 41 Resp: 57213

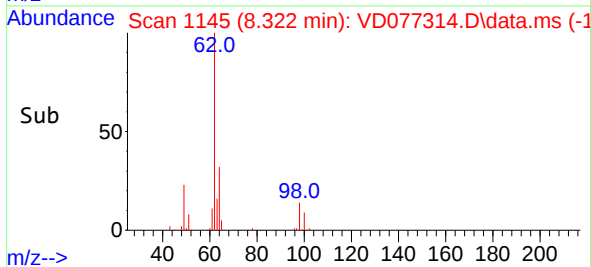
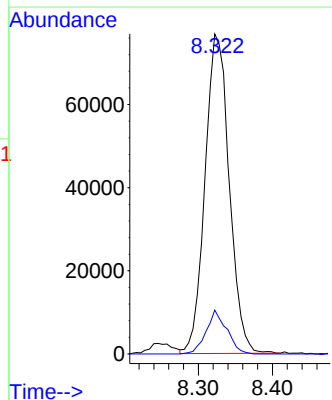
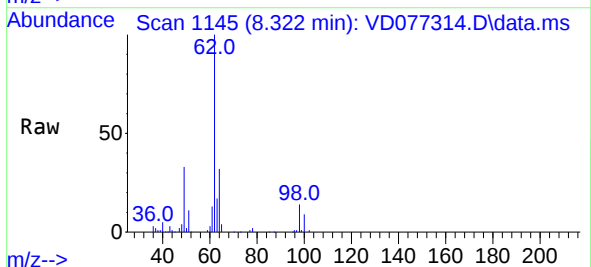
Ion	Ratio	Lower	Upper
41	100		
39	49.4	34.0	51.0
67	84.2	77.0	115.4
52	30.8	27.9	41.9

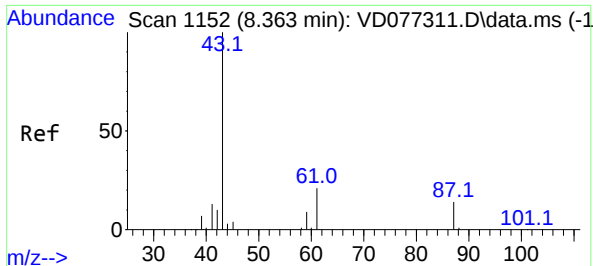


#42
1,2-Dichloroethane
Concen: 49.439 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 62 Resp: 174434

Ion	Ratio	Lower	Upper
62	100		
98	11.7	0.0	25.4

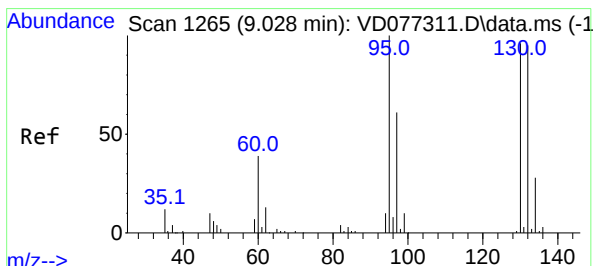
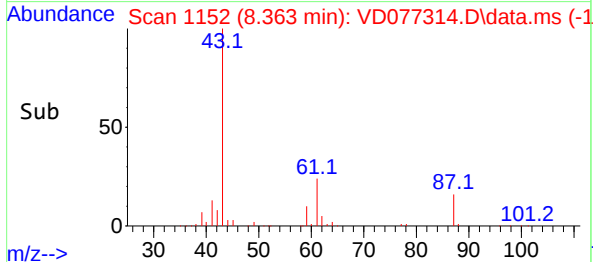
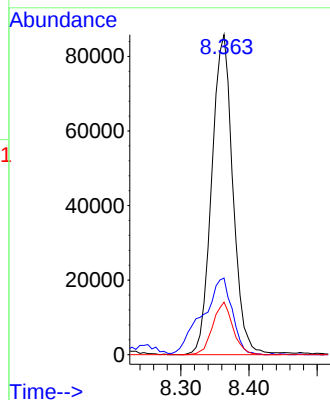
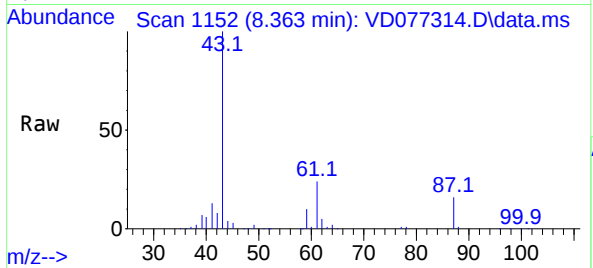




#43
Isopropyl Acetate
Concen: 52.379 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

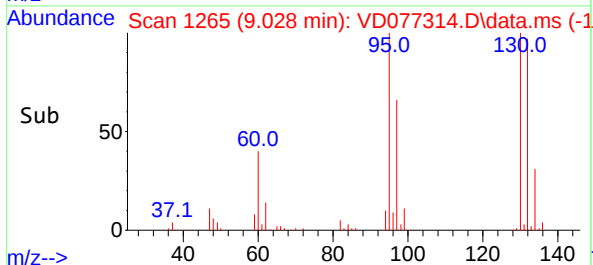
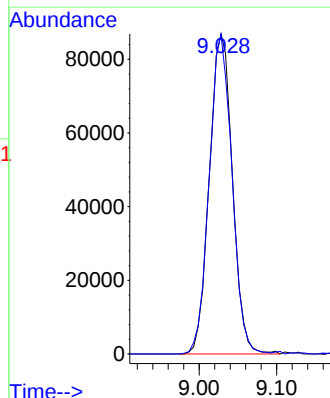
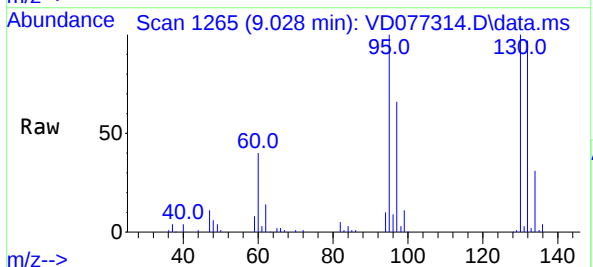
Instrument :
MSVOA_D
ClientSampleId :

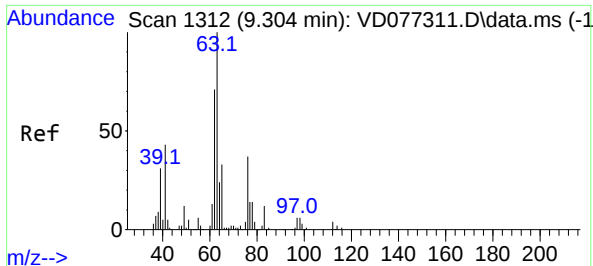
Tgt Ion: 43 Resp: 185272
Ion Ratio Lower Upper
43 100
61 33.8 31.4 47.0
87 15.7 14.9 22.3



#44
Trichloroethene
Concen: 49.879 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:130 Resp: 179411
Ion Ratio Lower Upper
130 100
95 99.9 0.0 179.2

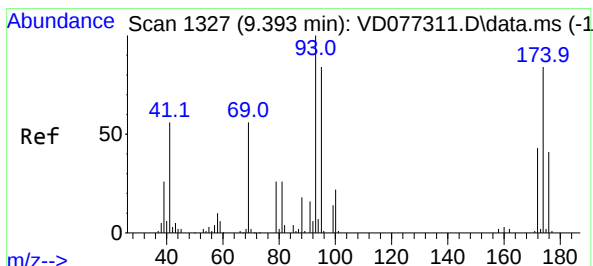
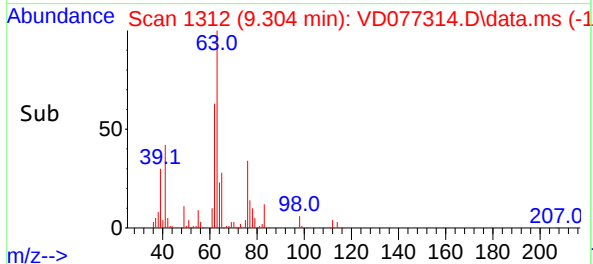
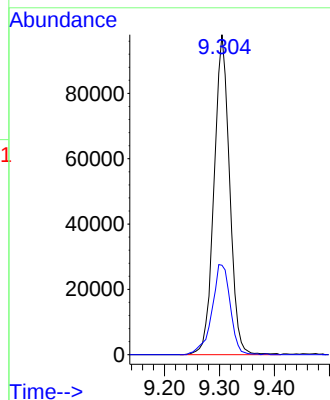
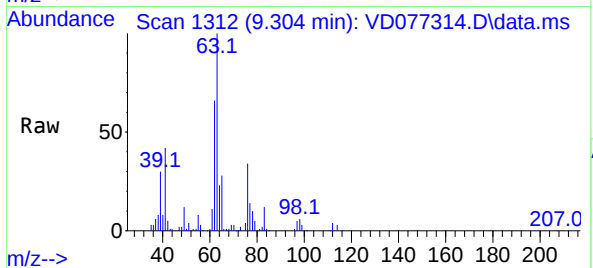




#45
1,2-Dichloropropane
Concen: 51.021 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

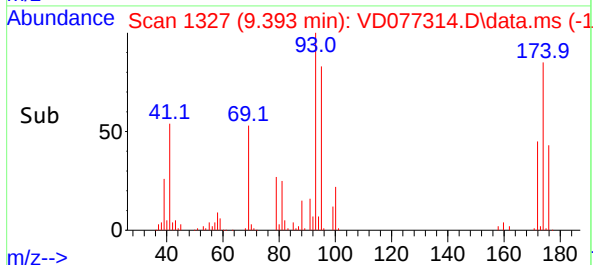
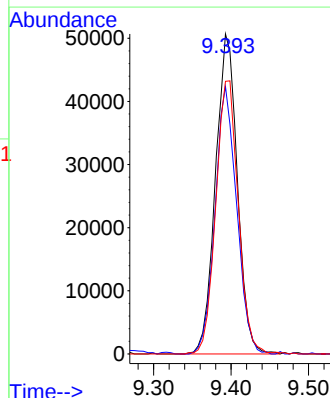
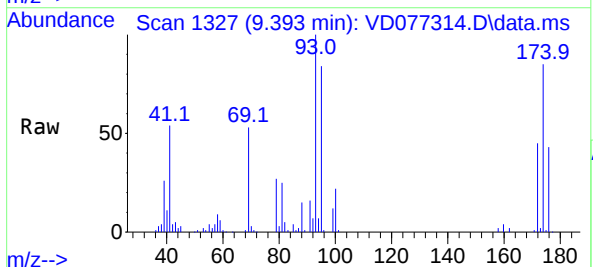
Instrument :
MSVOA_D
ClientSampleId :

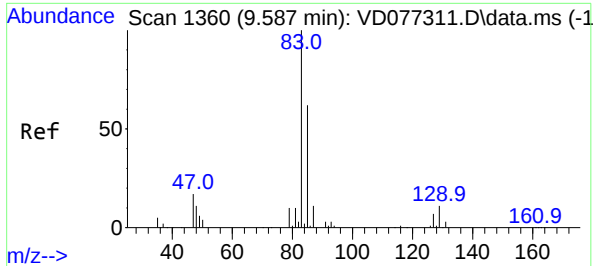
Tgt Ion: 63 Resp: 192612
Ion Ratio Lower Upper
63 100
65 27.9 24.5 36.7



#46
Dibromomethane
Concen: 50.254 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

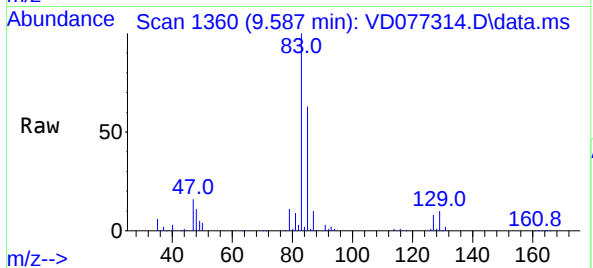
Tgt Ion: 93 Resp: 99441
Ion Ratio Lower Upper
93 100
95 83.0 67.7 101.5
174 87.8 85.4 128.2



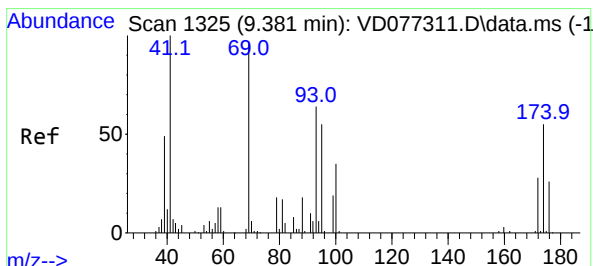
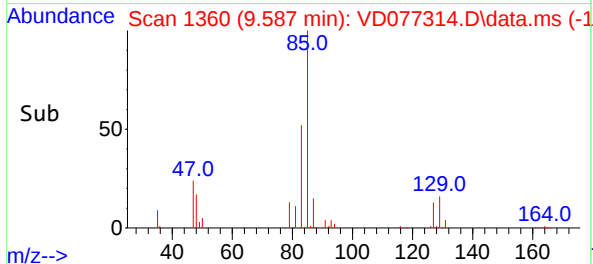
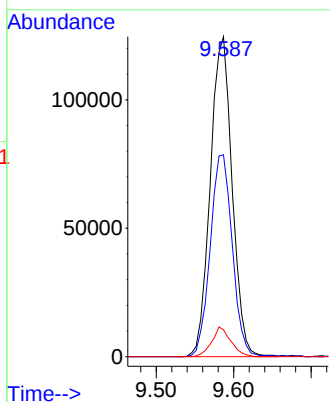


#47
Bromodichloromethane
Concen: 50.270 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

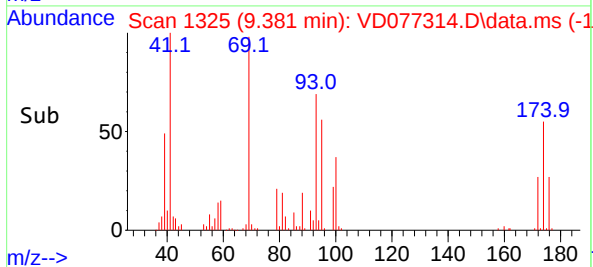
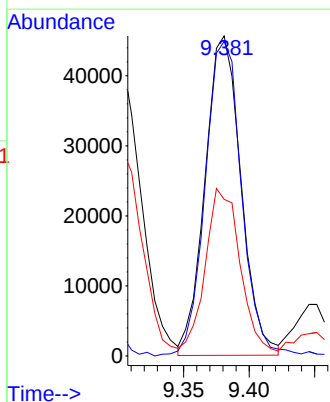
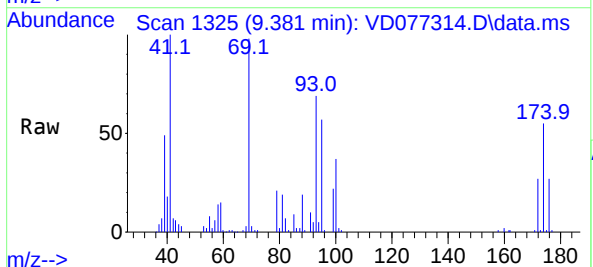


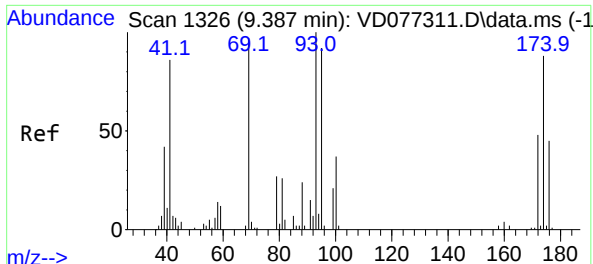
Tgt Ion: 83 Resp: 243883
Ion Ratio Lower Upper
83 100
85 63.1 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 53.435 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 41 Resp: 87069
Ion Ratio Lower Upper
41 100
69 99.7 102.2 153.2#
39 48.6 41.4 62.2

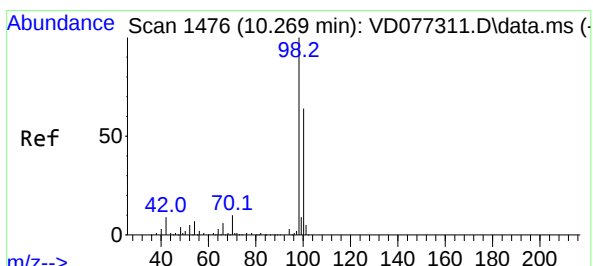
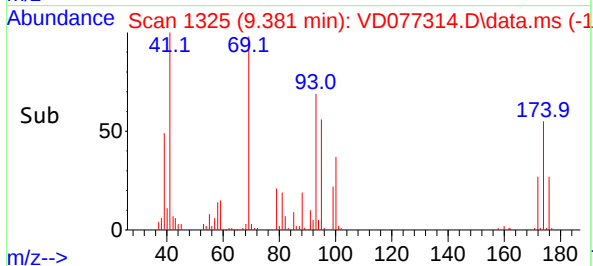
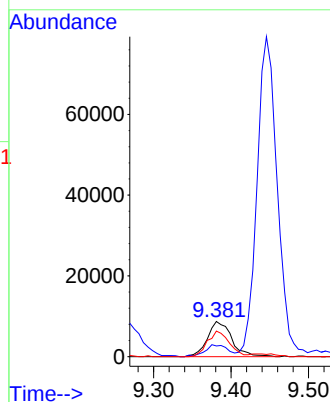
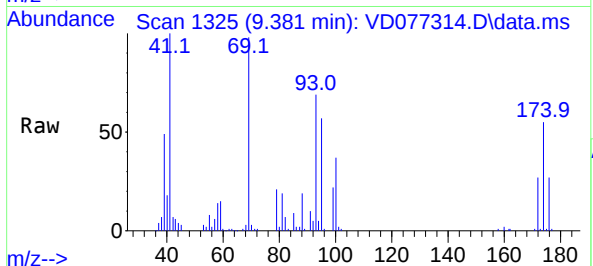




#49
1,4-Dioxane
Concen: 925.749 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

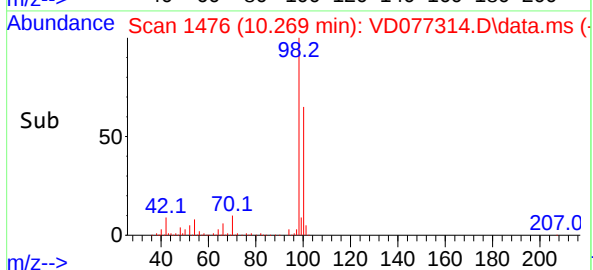
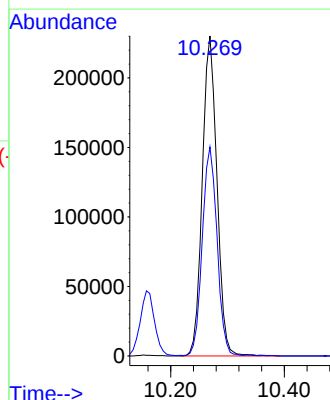
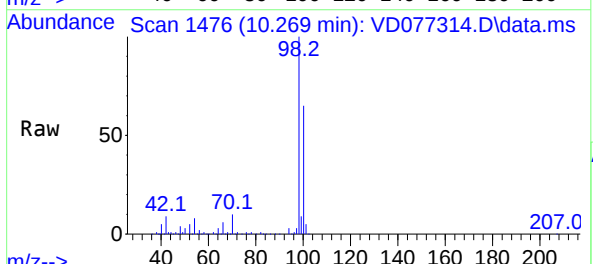
Instrument :
MSVOA_D
ClientSampleId :

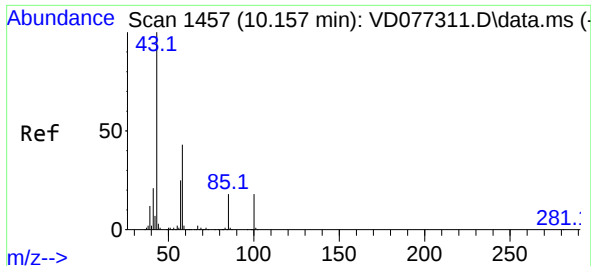
Tgt Ion: 88 Resp: 19080
Ion Ratio Lower Upper
88 100
43 31.4 19.0 28.6#
58 65.7 43.5 65.3#



#50
Toluene-d8
Concen: 47.786 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 98 Resp: 412335
Ion Ratio Lower Upper
98 100
100 65.5 50.3 75.5

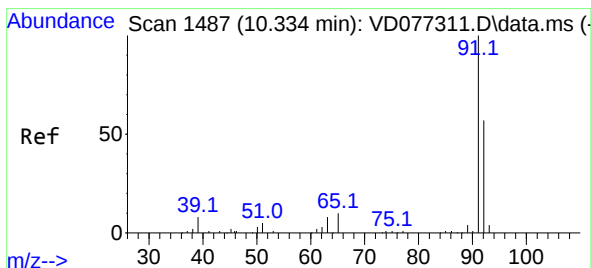
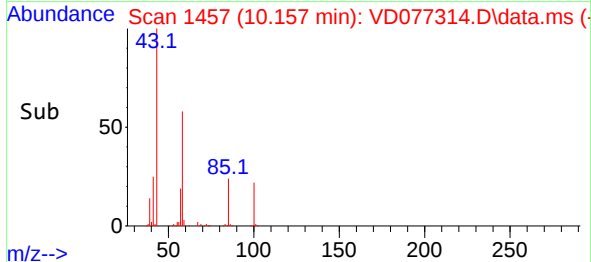
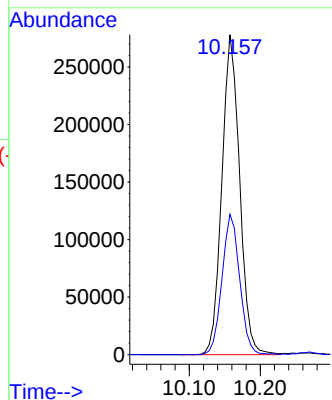
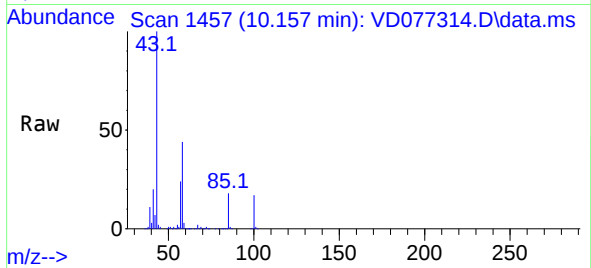




#51
4-Methyl-2-Pentanone
Concen: 261.150 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

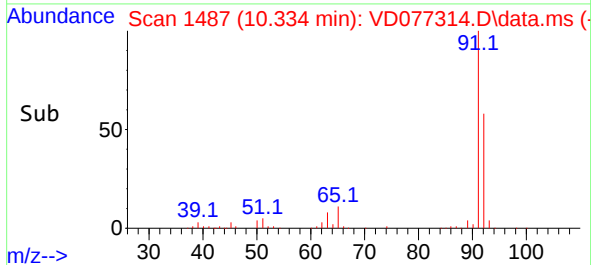
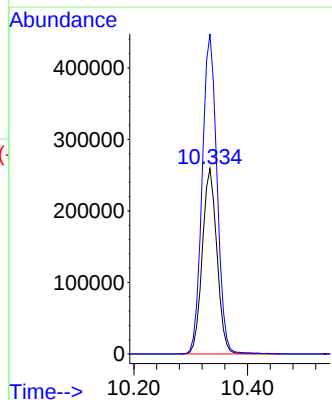
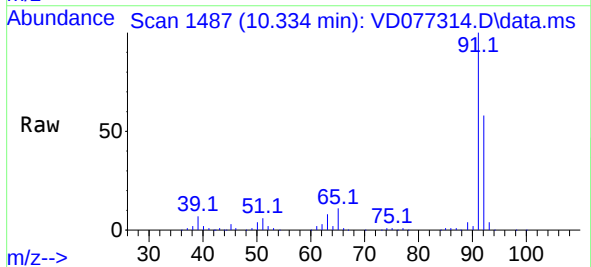
Instrument :
MSVOA_D
ClientSampleId :

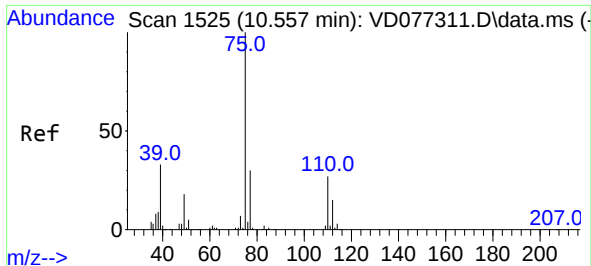
Tgt Ion: 43 Resp: 482785
Ion Ratio Lower Upper
43 100
58 43.6 38.9 58.3



#52
Toluene
Concen: 51.752 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 92 Resp: 463620
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

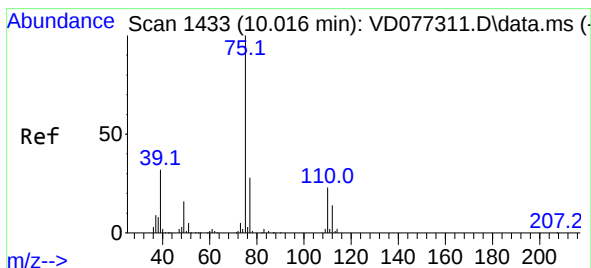
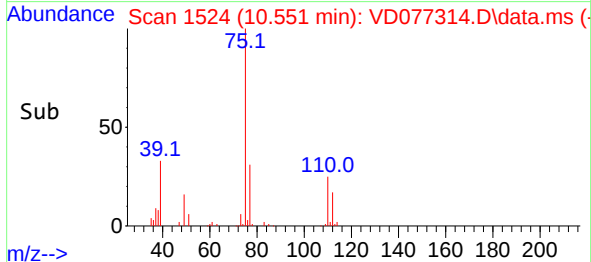
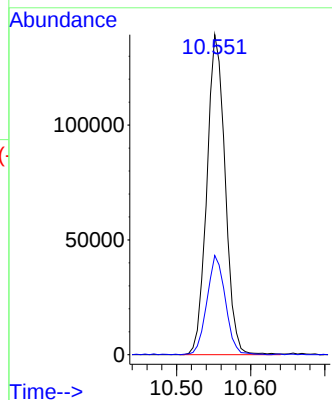
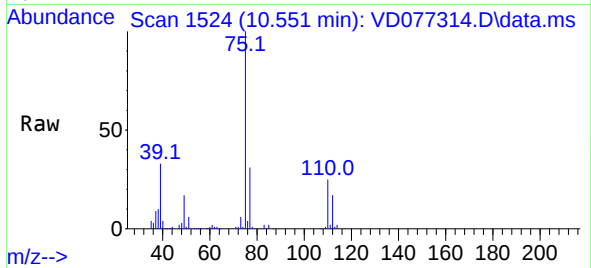




#53
t-1,3-Dichloropropene
Concen: 52.546 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

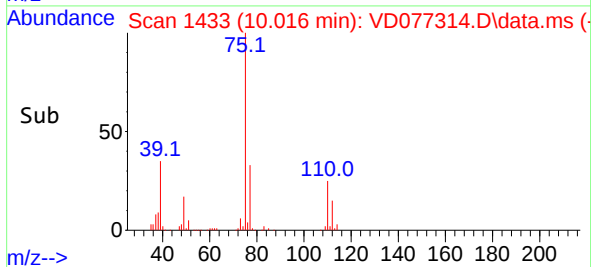
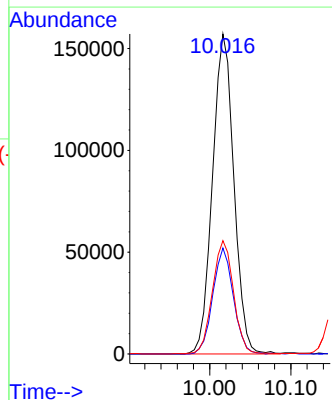
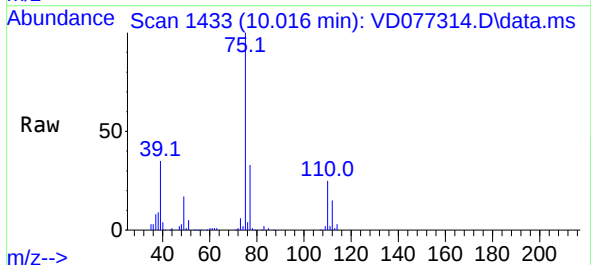
Instrument :
MSVOA_D
ClientSampleId :

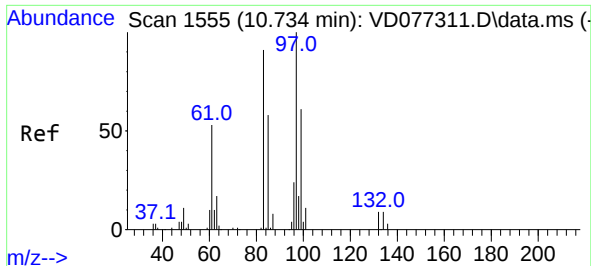
Tgt Ion: 75 Resp: 239026
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.956 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

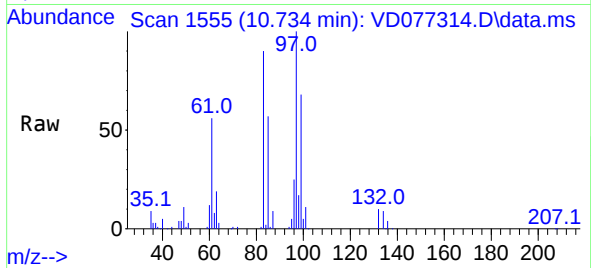
Tgt Ion: 75 Resp: 287452
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 35.3 22.1 33.1#





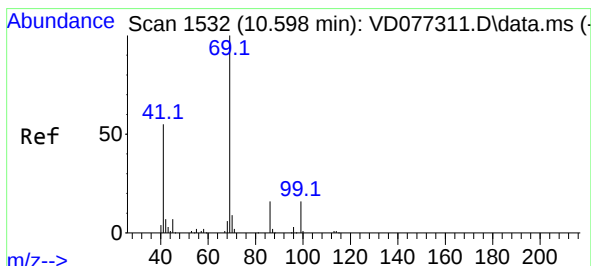
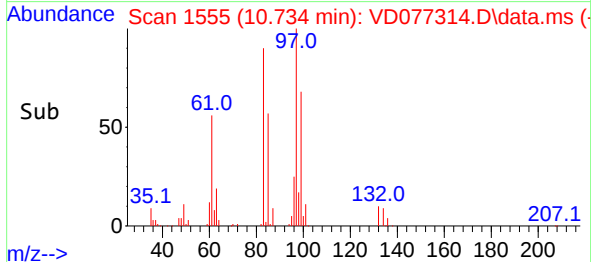
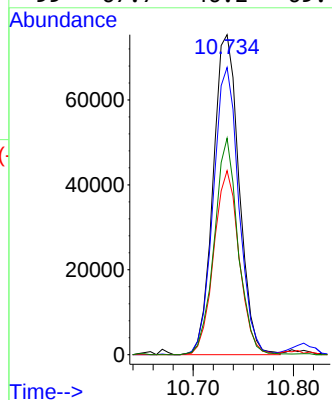
#55
1,1,2-Trichloroethane
Concen: 50.246 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 135133

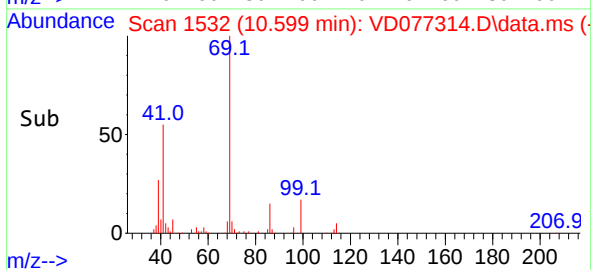
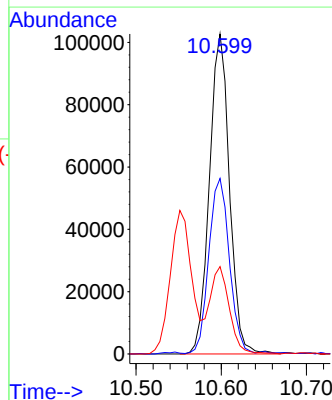
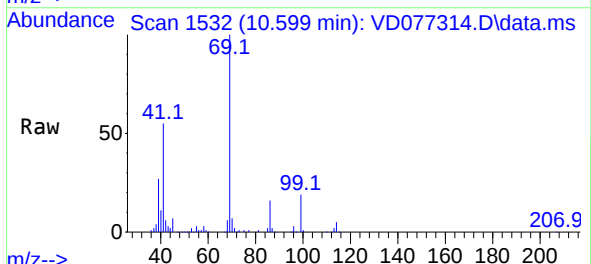
Ion	Ratio	Lower	Upper
97	100		
83	89.8	65.8	98.6
85	57.5	45.7	68.5
99	67.7	46.2	69.4

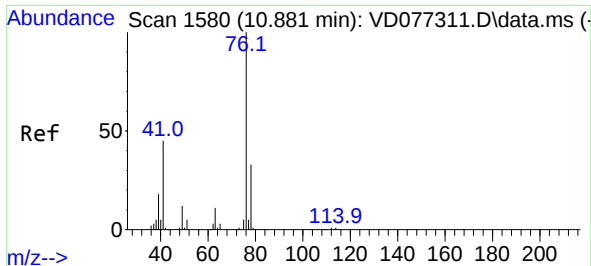


#56
Ethyl methacrylate
Concen: 48.942 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 69 Resp: 167872

Ion	Ratio	Lower	Upper
69	100		
41	55.9	39.1	58.7
39	27.5	20.0	30.0





#57

1,3-Dichloropropane

Concen: 50.822 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

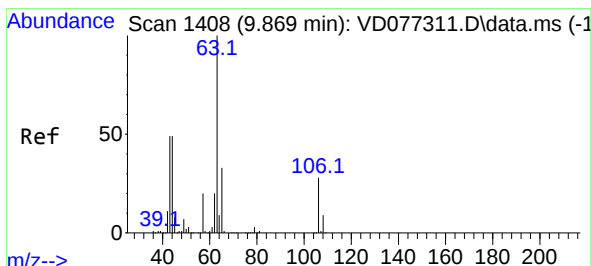
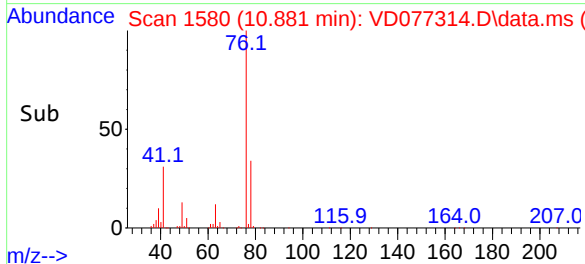
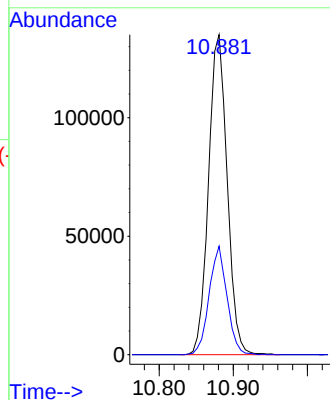
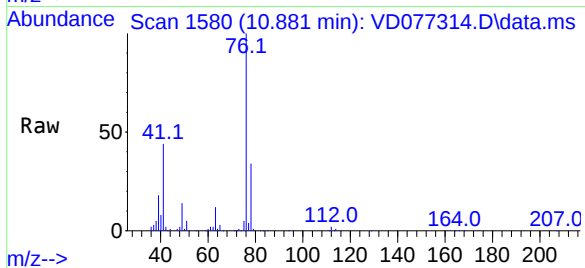
ClientSampleId :

Tgt Ion: 76 Resp: 236025

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 233.068 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077314.D

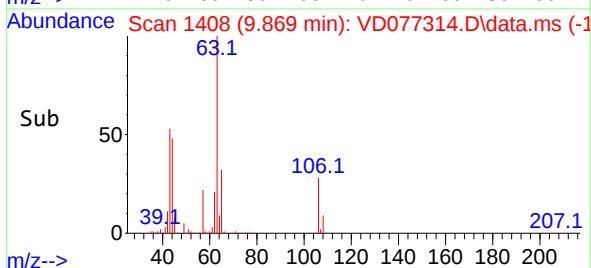
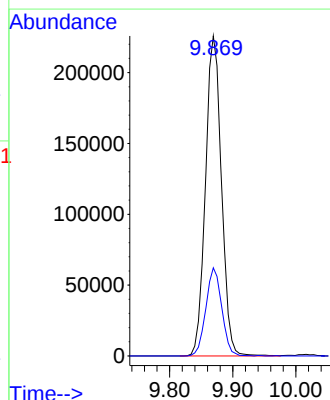
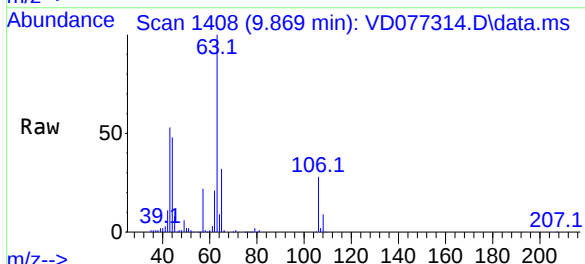
Acq: 11 Oct 2023 19:27

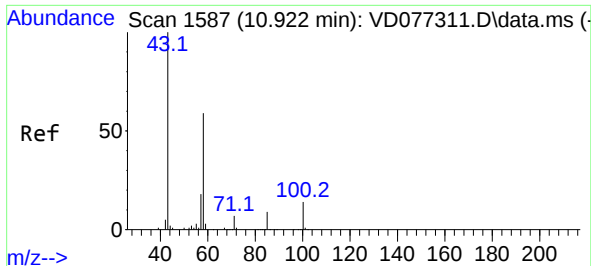
Tgt Ion: 63 Resp: 397091

Ion Ratio Lower Upper

63 100

106 27.4 25.3 37.9

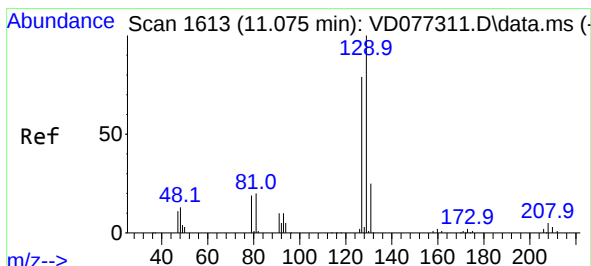
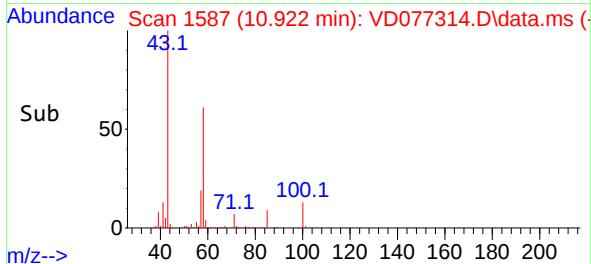
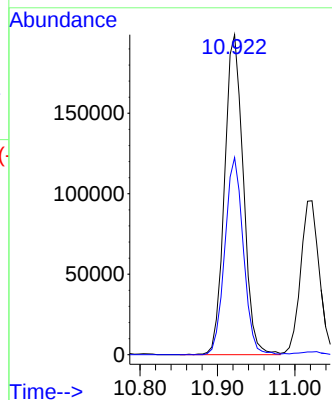
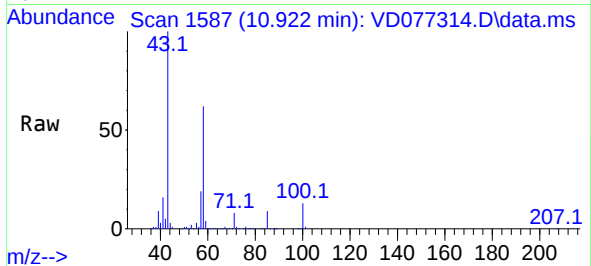




#59
2-Hexanone
Concen: 256.084 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

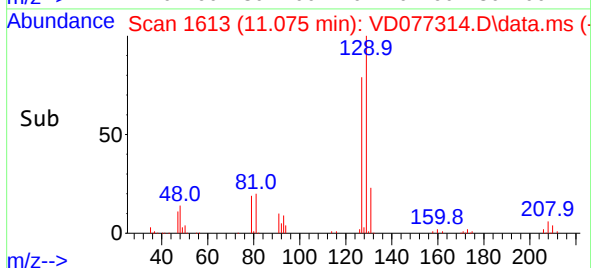
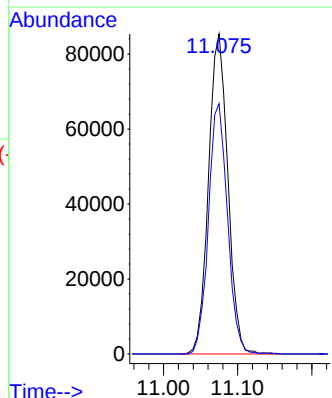
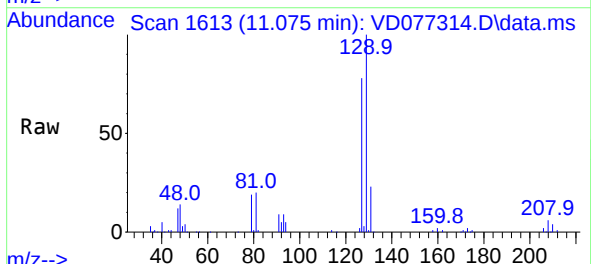
Instrument :
MSVOA_D
ClientSampleId :

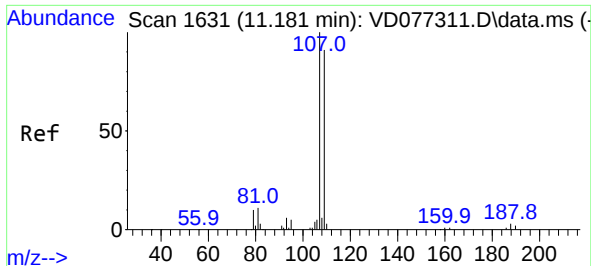
Tgt Ion: 43 Resp: 334805
Ion Ratio Lower Upper
43 100
58 60.8 34.1 102.2



#60
Dibromochloromethane
Concen: 50.315 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:129 Resp: 154554
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5

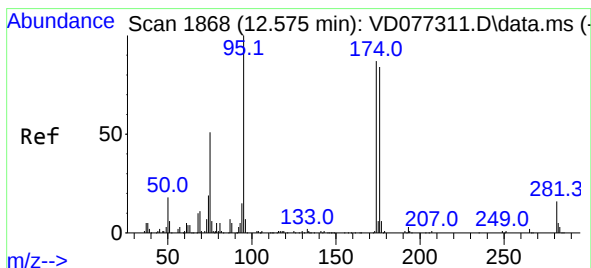
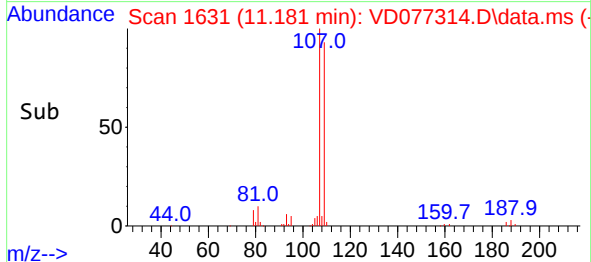
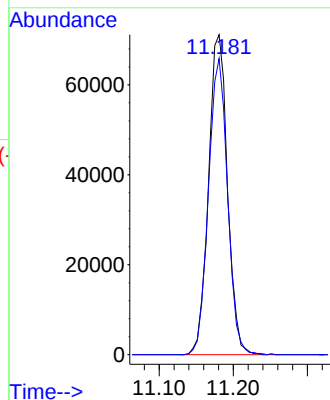
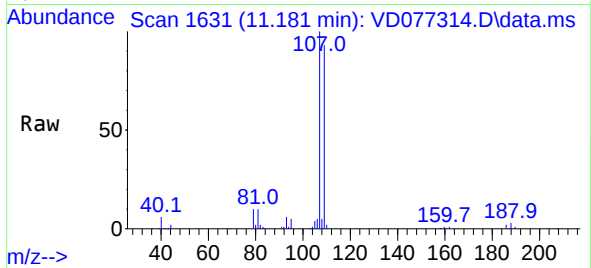




#61
1,2-Dibromoethane
Concen: 51.440 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

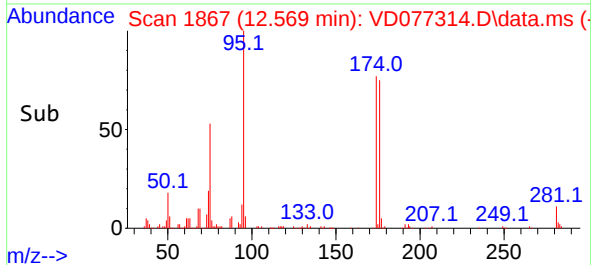
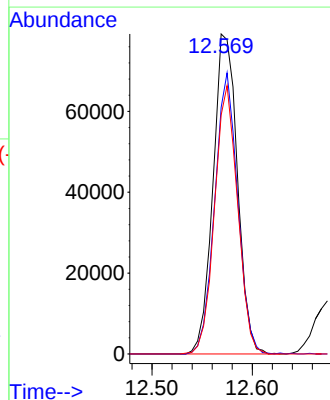
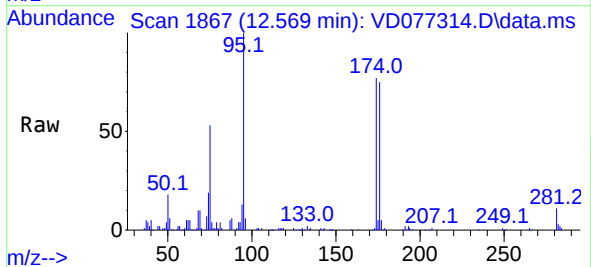
Instrument :
MSVOA_D
ClientSampleId :

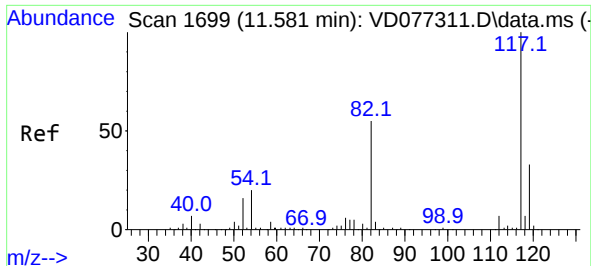
Tgt Ion:107 Resp: 126281
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.026 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 95 Resp: 133385
Ion Ratio Lower Upper
95 100
174 82.8 0.0 201.8
176 79.3 0.0 191.8

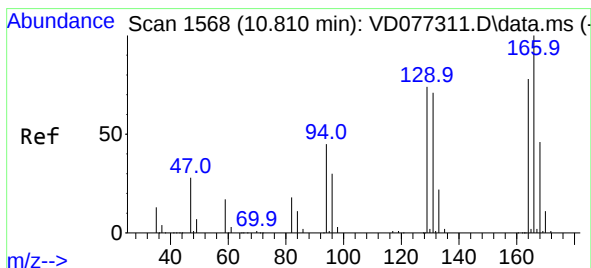
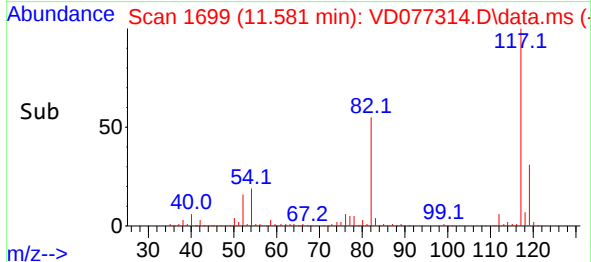
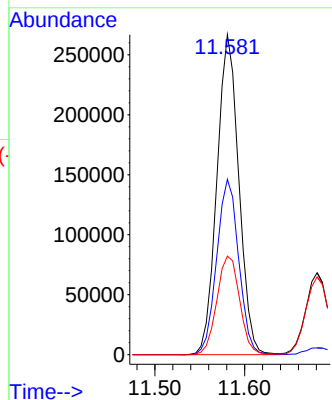
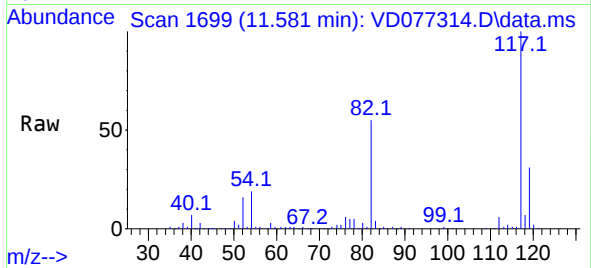




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

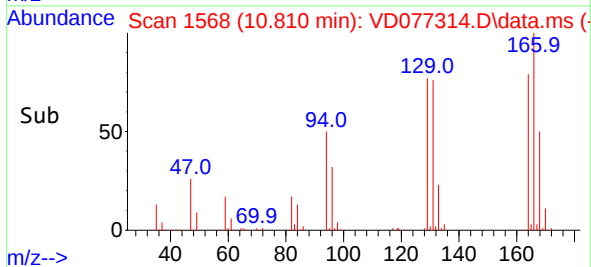
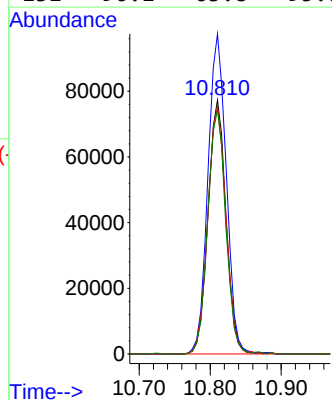
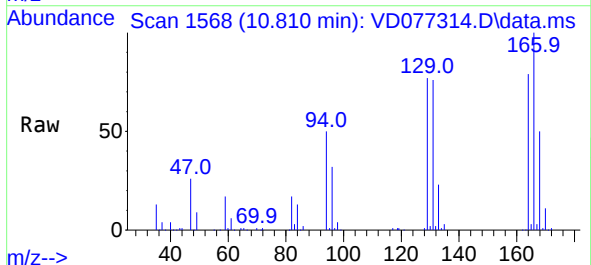
Instrument :
MSVOA_D
ClientSampleId :

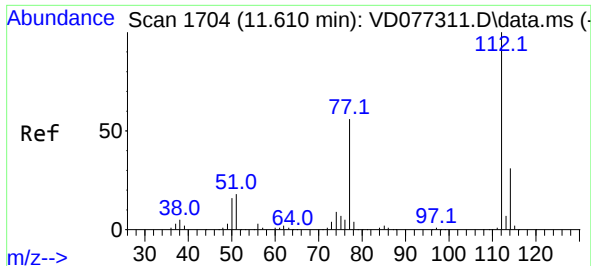
Tgt Ion:117 Resp: 452911
Ion Ratio Lower Upper
117 100
82 54.8 38.3 57.5
119 30.8 25.0 37.4



#64
Tetrachloroethene
Concen: 47.219 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:164 Resp: 136529
Ion Ratio Lower Upper
164 100
166 126.0 99.2 148.8
129 97.4 68.4 102.6
131 96.1 63.8 95.8#

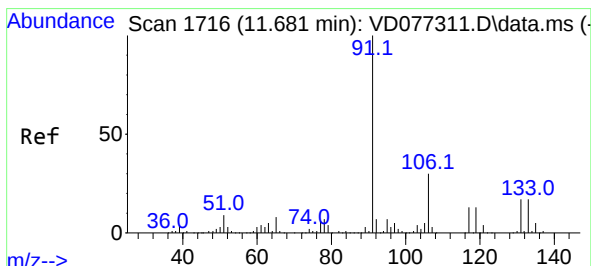
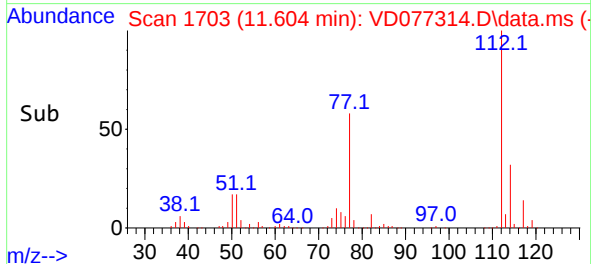
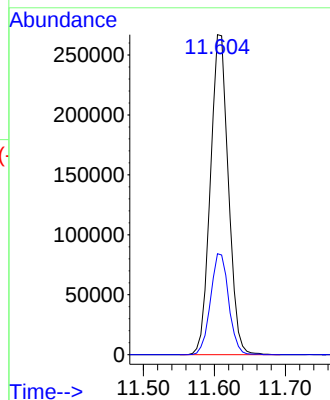
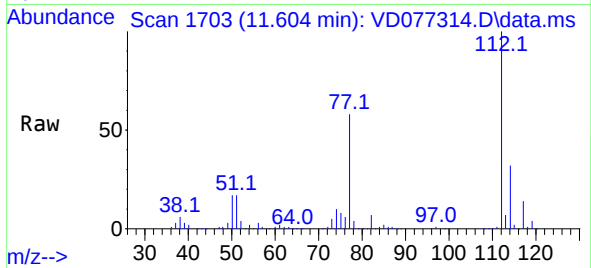




#65
Chlorobenzene
Concen: 49.776 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

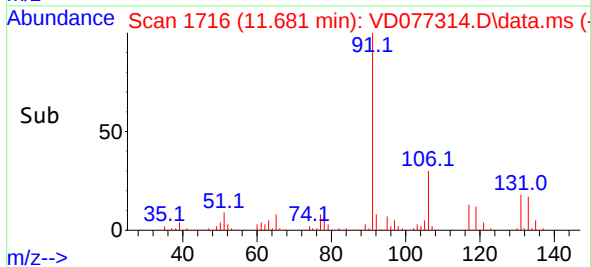
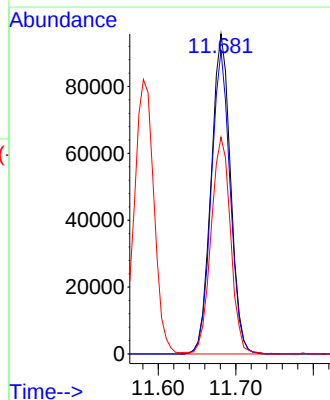
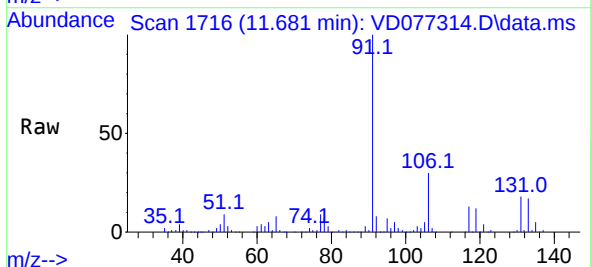
Instrument :
MSVOA_D
ClientSampleId :

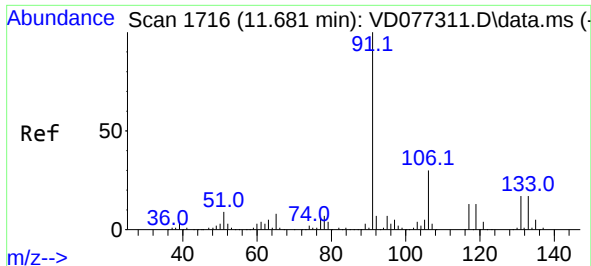
Tgt Ion:112 Resp: 468837
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.986 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:131 Resp: 166074
Ion Ratio Lower Upper
131 100
133 92.5 48.5 145.5
119 68.3 35.6 106.9

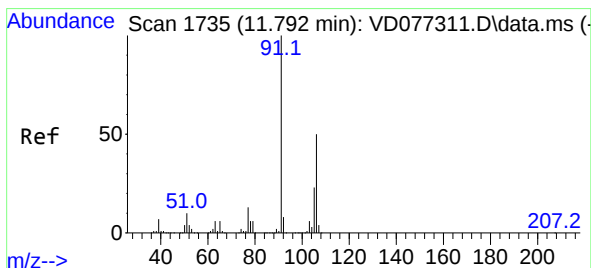
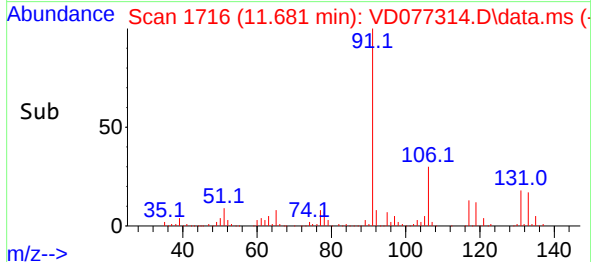
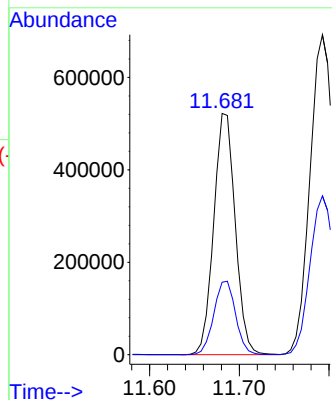
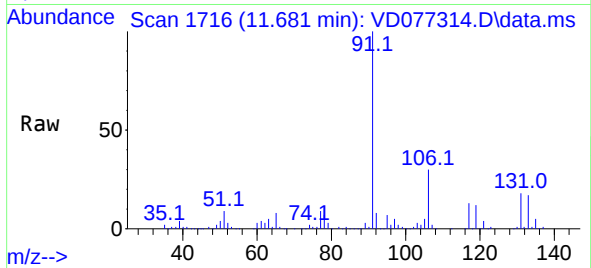




#67
Ethyl Benzene
Concen: 51.773 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

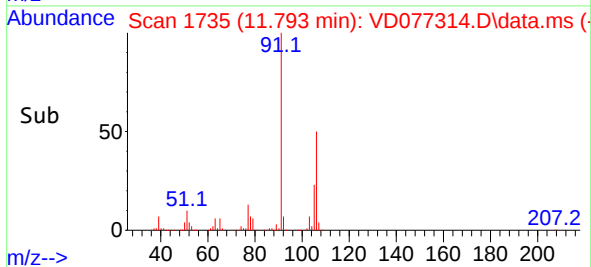
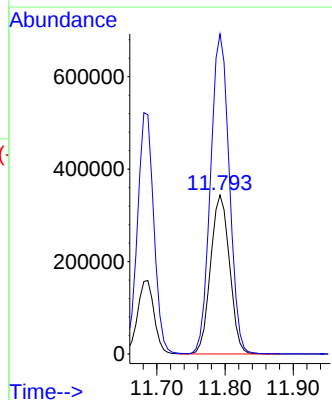
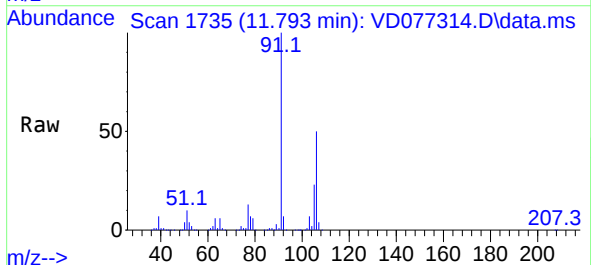
Instrument :
MSVOA_D
ClientSampleId :

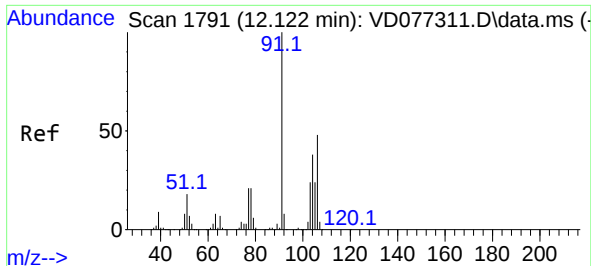
Tgt Ion: 91 Resp: 870242
Ion Ratio Lower Upper
91 100
106 30.0 26.5 39.7



#68
m/p-Xylenes
Concen: 102.833 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:106 Resp: 665244
Ion Ratio Lower Upper
106 100
91 199.0 147.0 220.6

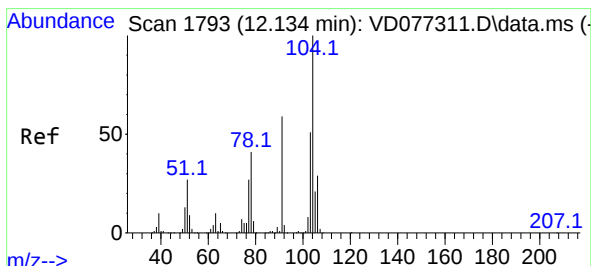
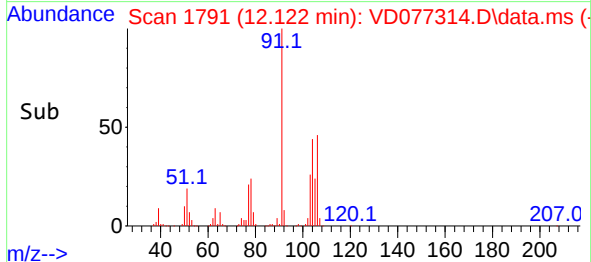
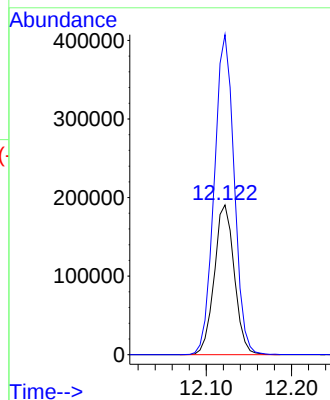
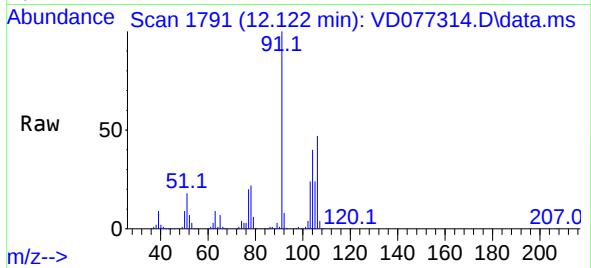




#69
o-Xylene
Concen: 51.892 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

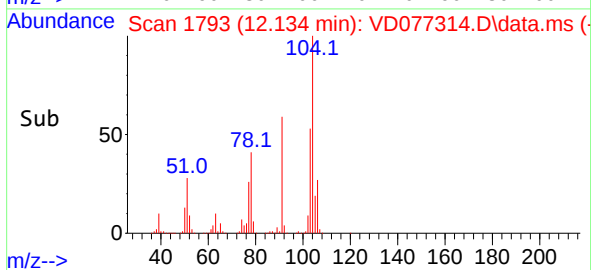
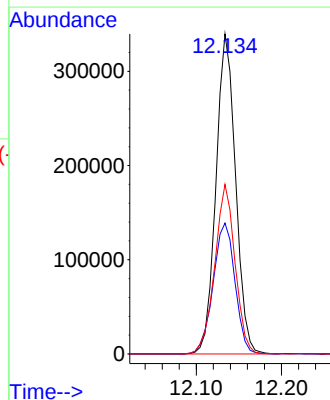
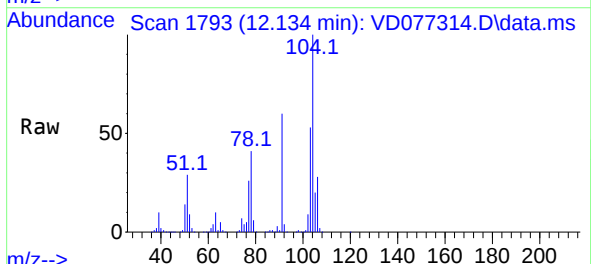
Instrument :
MSVOA_D
ClientSampleId :

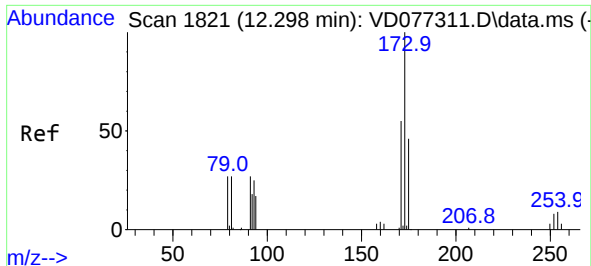
Tgt Ion:106 Resp: 310716
Ion Ratio Lower Upper
106 100
91 213.2 97.9 293.6



#70
Styrene
Concen: 52.407 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:104 Resp: 543745
Ion Ratio Lower Upper
104 100
78 45.5 33.2 49.8
103 54.9 43.6 65.4

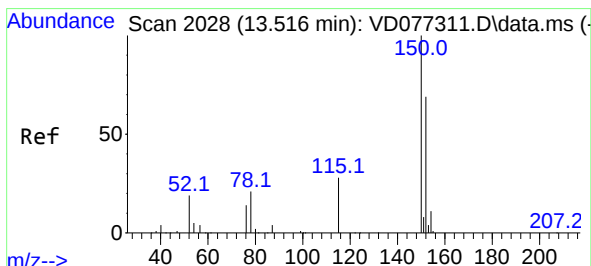
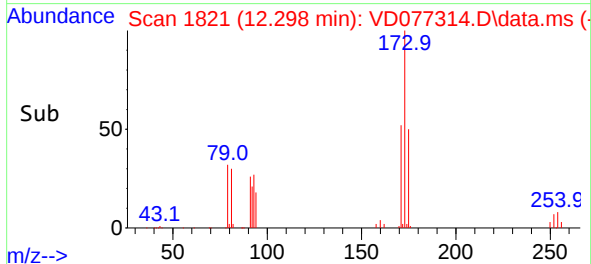
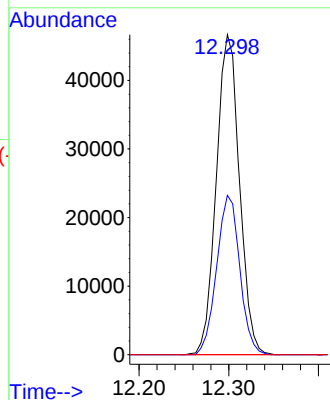
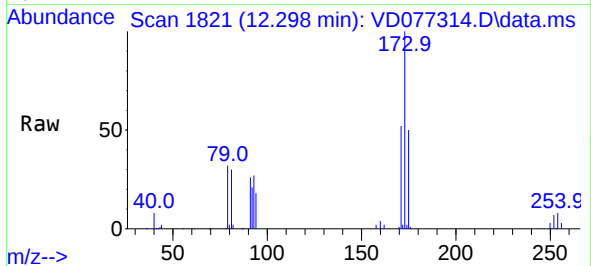




#71
Bromoform
Concen: 49.556 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

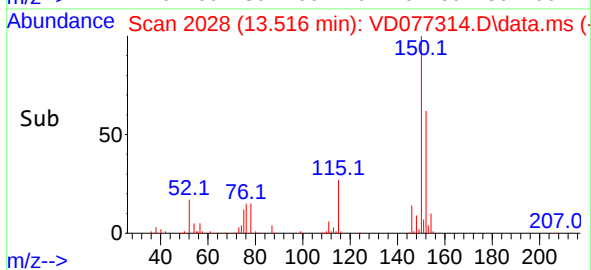
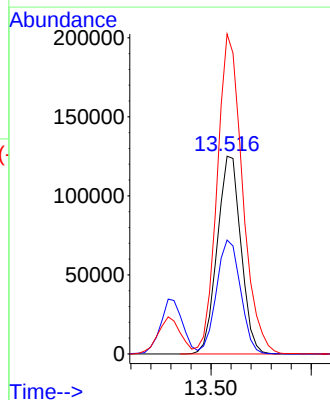
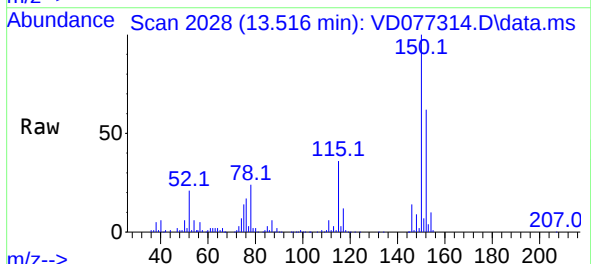
Instrument :
MSVOA_D
ClientSampleId :

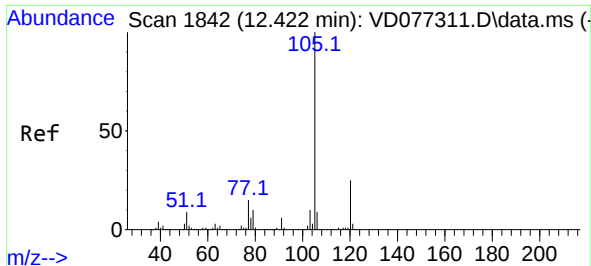
Tgt Ion:173 Resp: 83567
Ion Ratio Lower Upper
173 100
175 49.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:152 Resp: 205441
Ion Ratio Lower Upper
152 100
115 58.6 27.1 81.3
150 173.0 0.0 353.6

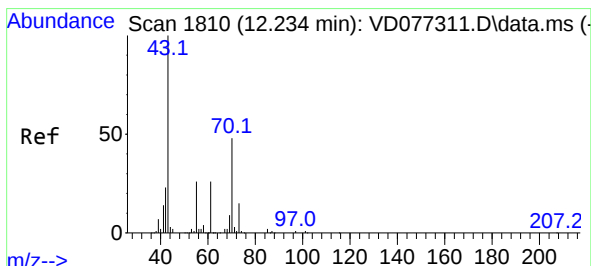
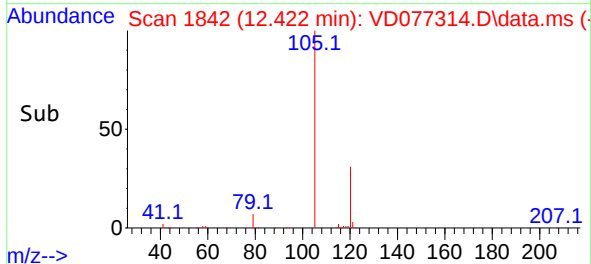
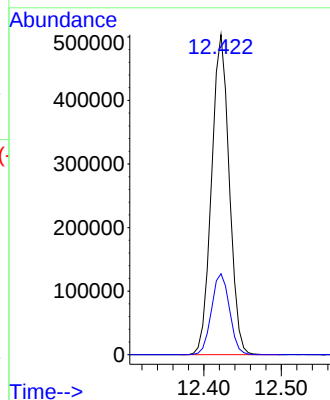
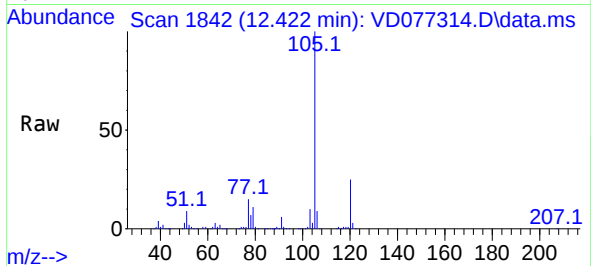




#73
Isopropylbenzene
Concen: 52.637 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

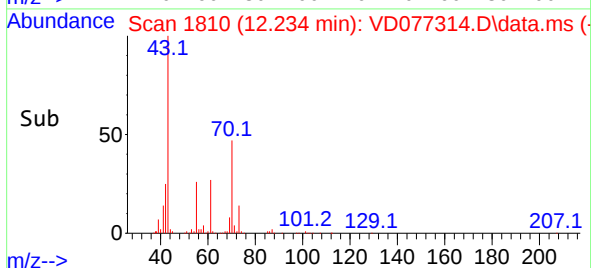
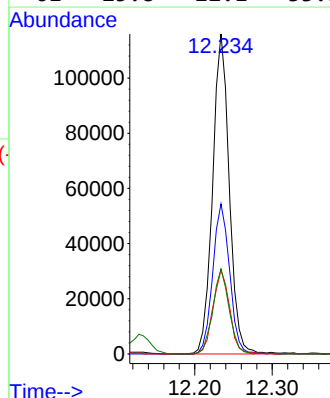
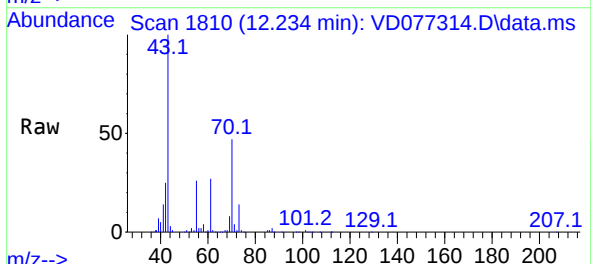
Instrument :
MSVOA_D
ClientSampleId :

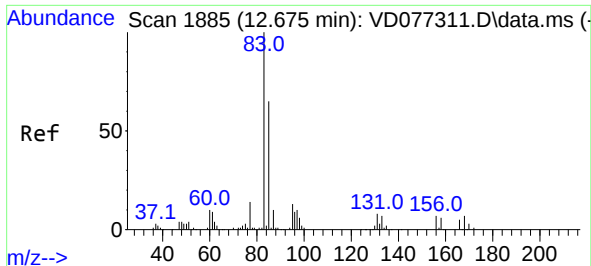
Tgt Ion:105 Resp: 798662
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9



#74
N-ethyl acetate
Concen: 54.344 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 43 Resp: 173380
Ion Ratio Lower Upper
43 100
70 47.5 45.0 67.4
55 26.2 23.8 35.6
61 25.8 22.1 33.1

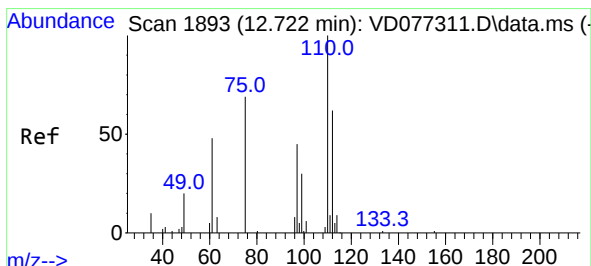
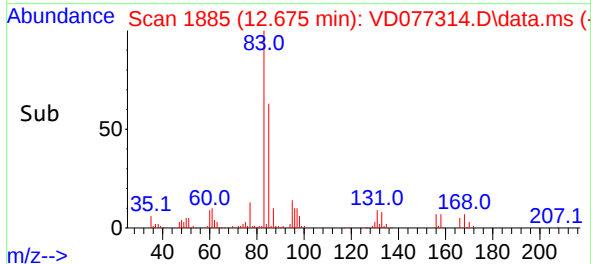
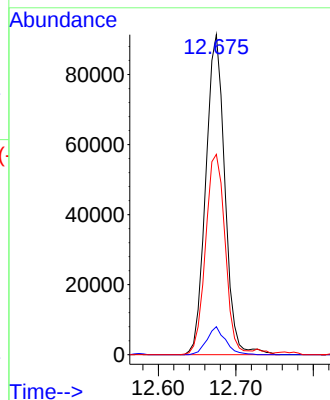
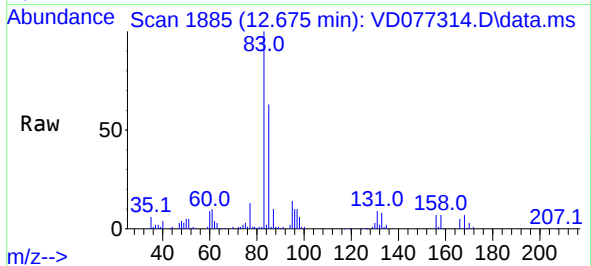




#75
1,1,2,2-Tetrachloroethane
Concen: 51.271 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

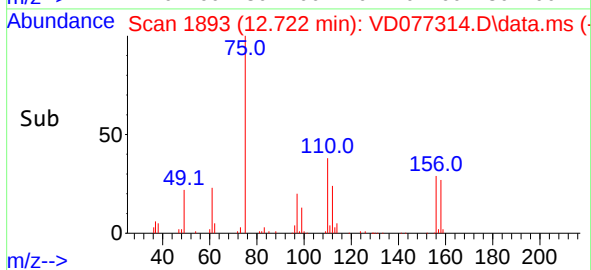
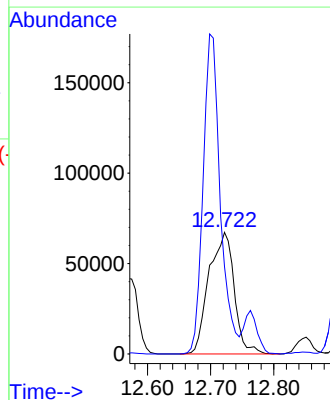
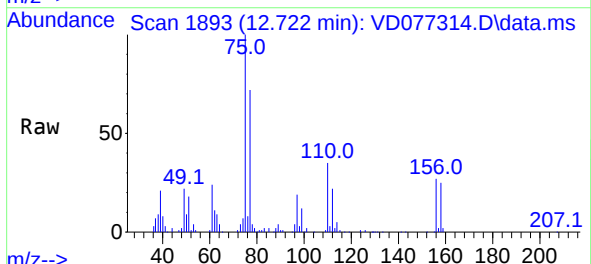
Instrument :
MSVOA_D
ClientSampleId :

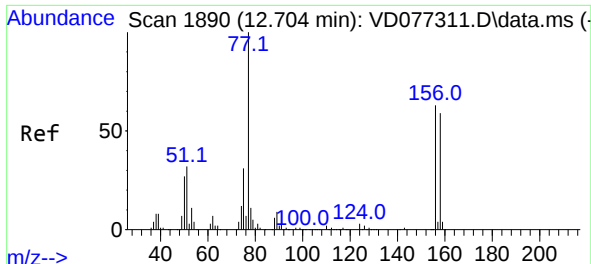
Tgt Ion: 83 Resp: 156113
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 64.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 82.876 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 75 Resp: 187059
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

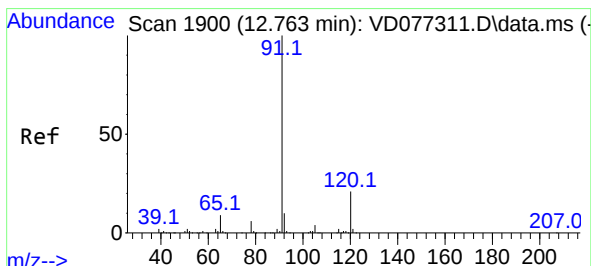
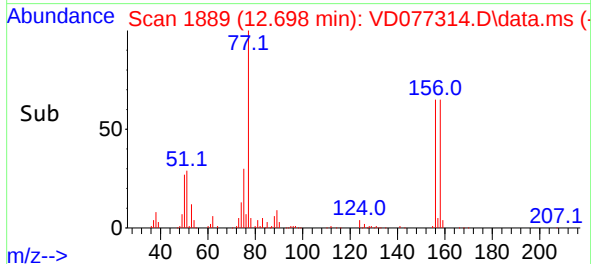
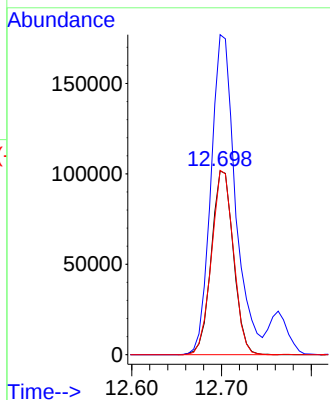
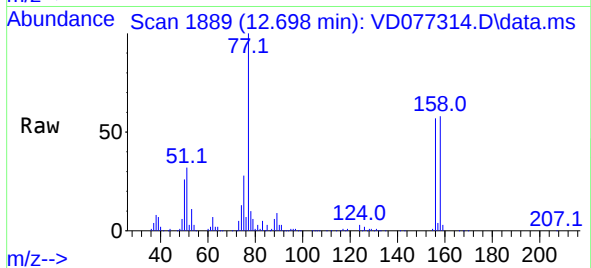




#77
Bromobenzene
Concen: 50.032 ug/l
RT: 12.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

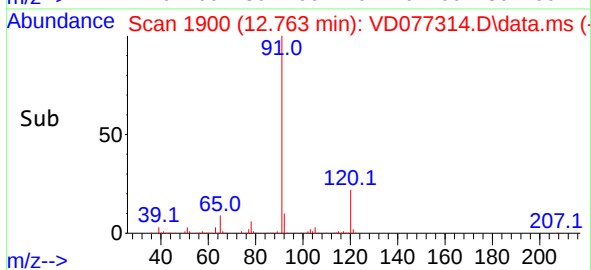
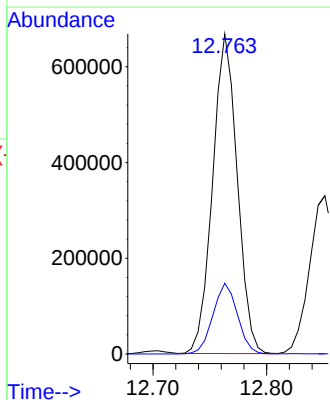
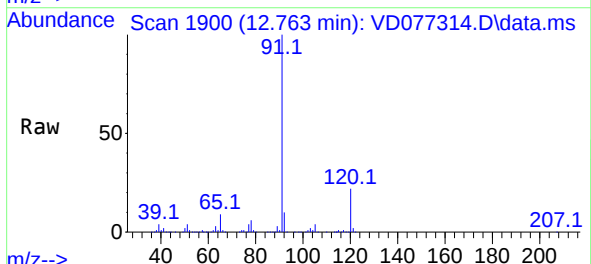
Instrument :
MSVOA_D
ClientSampleId :

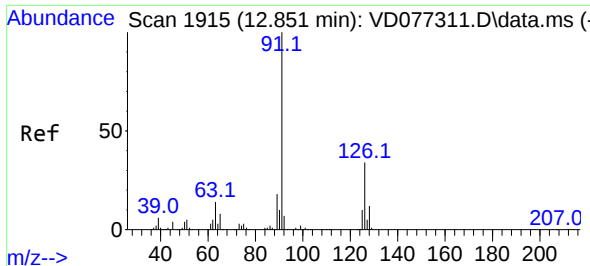
Tgt Ion:156 Resp: 173674
Ion Ratio Lower Upper
156 100
77 193.5 76.8 230.4
158 99.5 48.6 145.9



#78
n-propylbenzene
Concen: 52.278 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 91 Resp: 1005766
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2

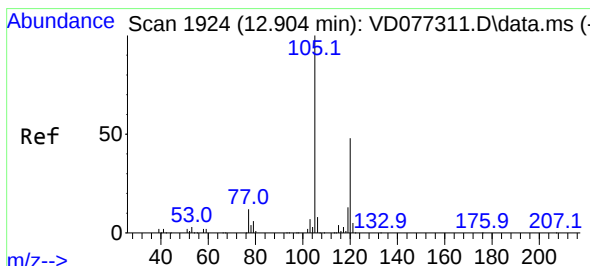
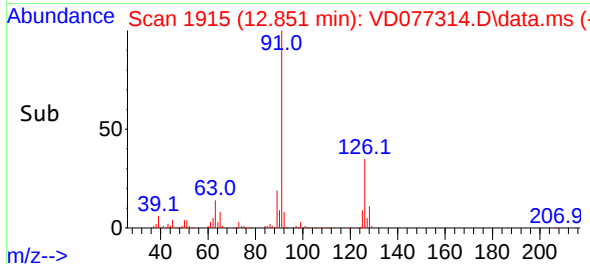
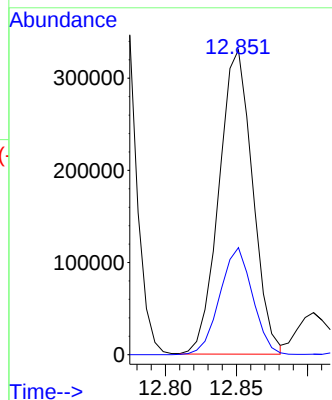
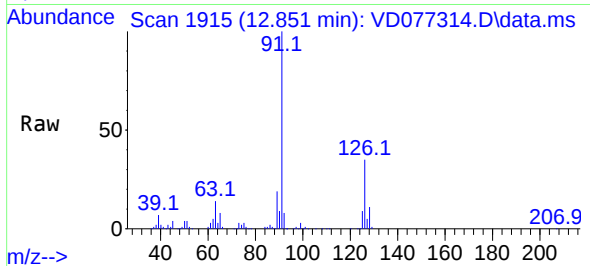




#79
2-Chlorotoluene
Concen: 52.460 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

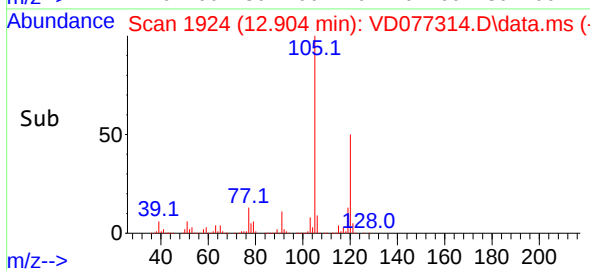
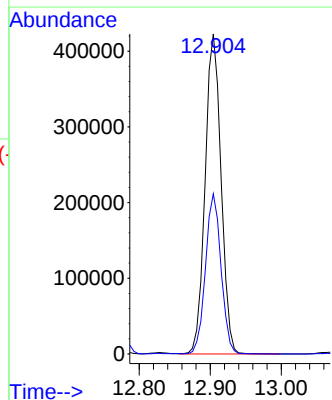
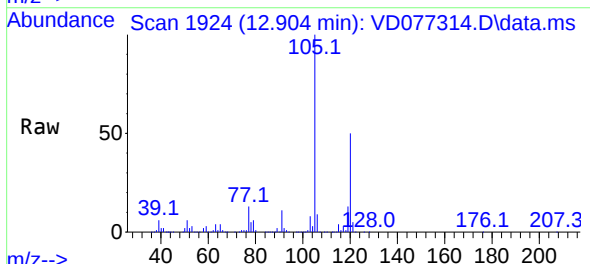
Instrument :
MSVOA_D
ClientSampleId :

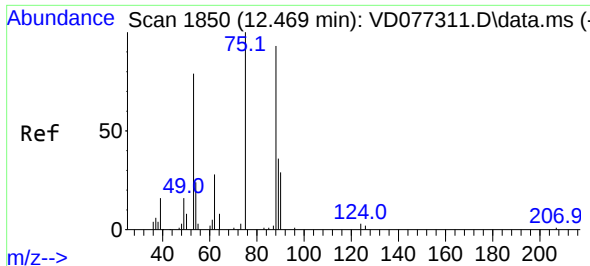
Tgt Ion: 91 Resp: 544124
Ion Ratio Lower Upper
91 100
126 34.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 52.220 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 105 Resp: 660232
Ion Ratio Lower Upper
105 100
120 48.8 26.4 79.2

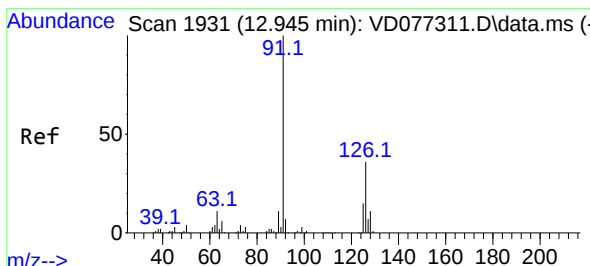
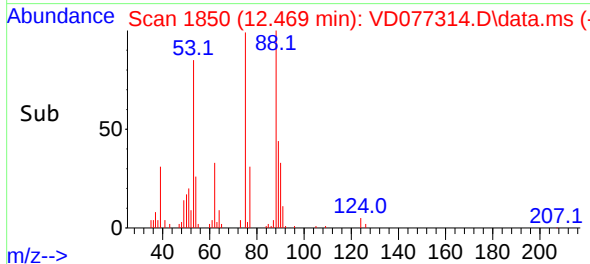
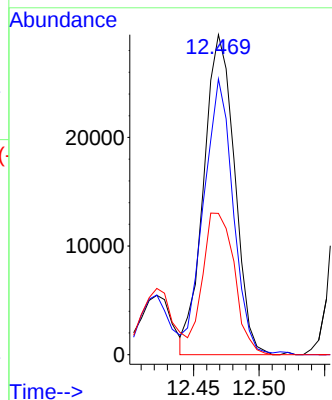
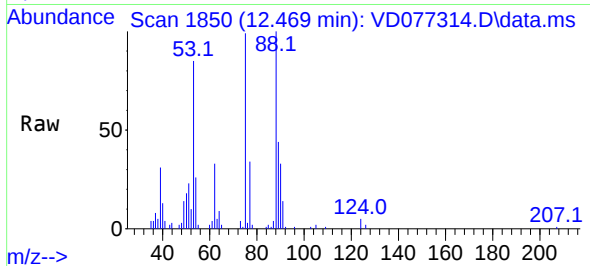




#81
trans-1,4-Dichloro-2-butene
Concen: 50.870 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

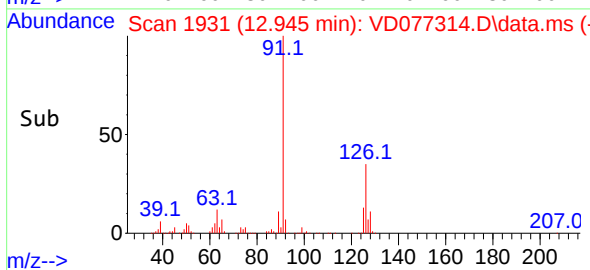
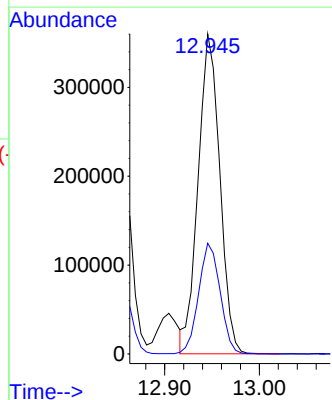
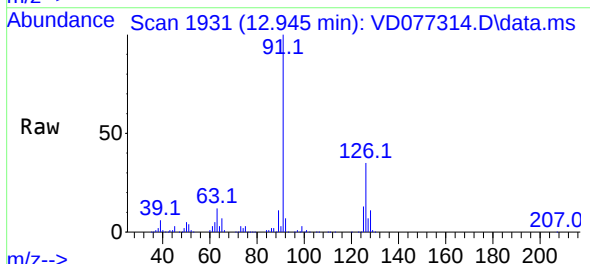
Instrument :
MSVOA_D
ClientSampleId :

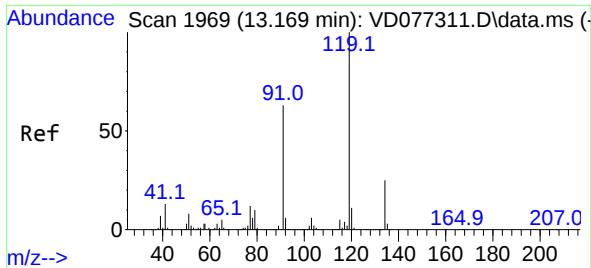
Tgt Ion: 75 Resp: 48156
Ion Ratio Lower Upper
75 100
53 82.6 63.0 94.4
89 45.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.370 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

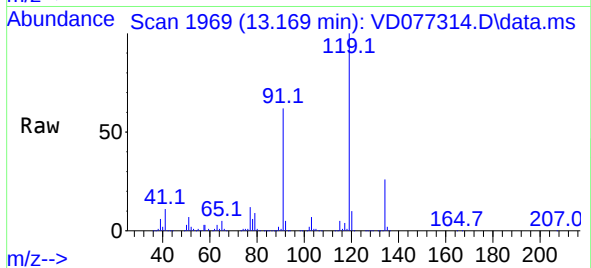
Tgt Ion: 91 Resp: 573877
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.4



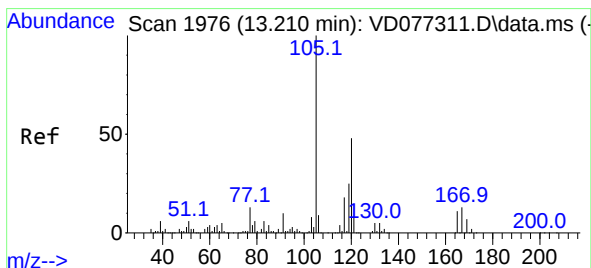
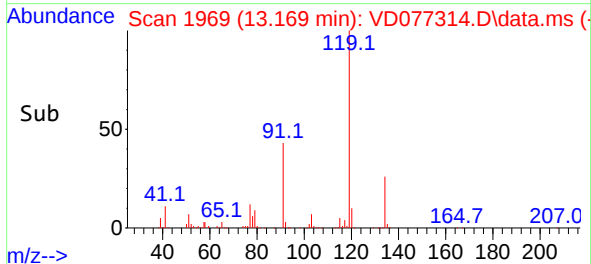
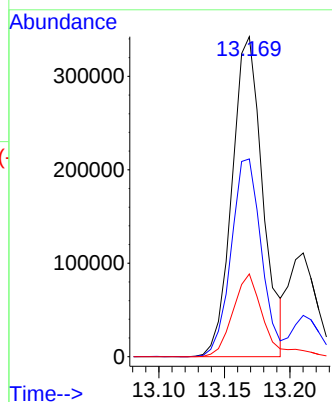


#83
tert-Butylbenzene
Concen: 52.812 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

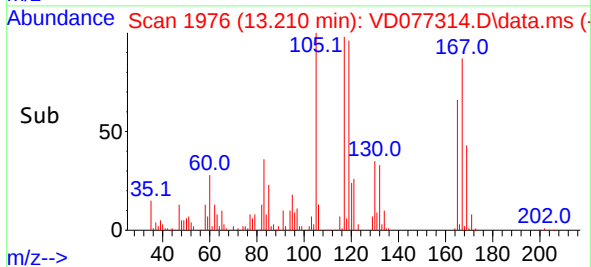
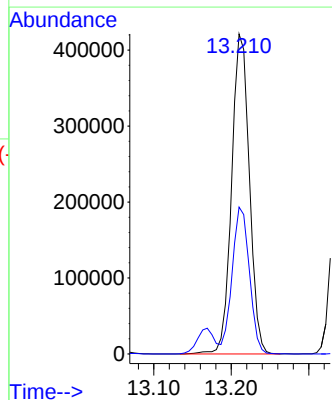
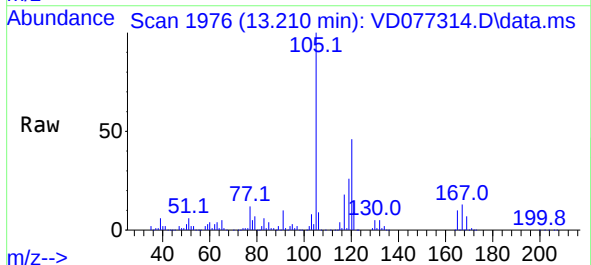


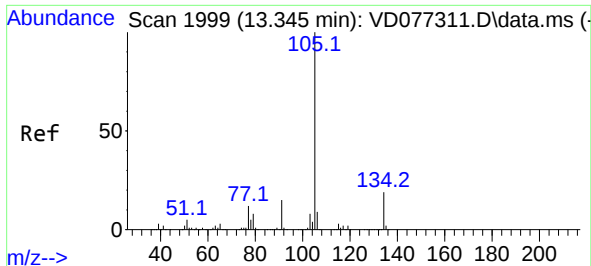
Tgt Ion:119 Resp: 557754
Ion Ratio Lower Upper
119 100
91 60.9 29.3 87.8
134 26.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 52.948 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:105 Resp: 670567
Ion Ratio Lower Upper
105 100
120 44.6 24.3 72.9

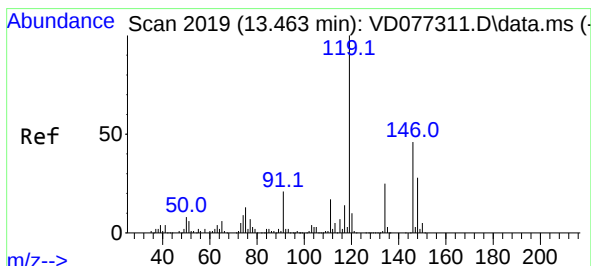
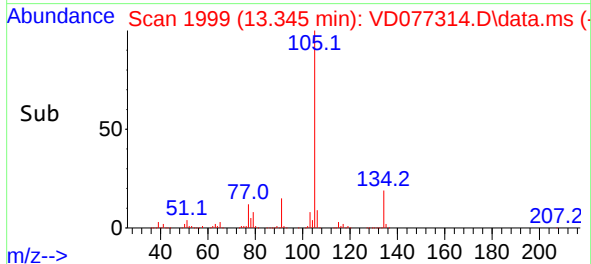
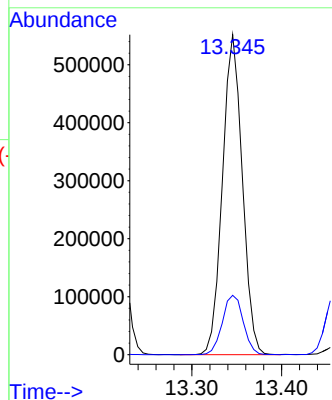
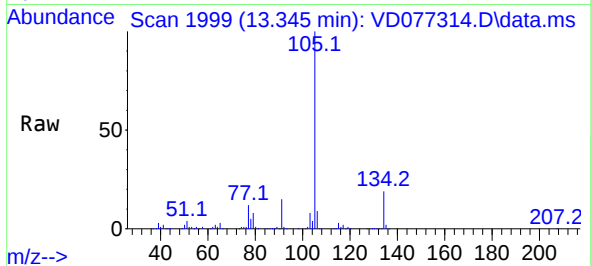




#85
sec-Butylbenzene
Concen: 51.459 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

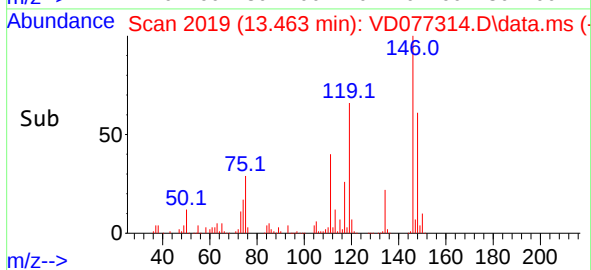
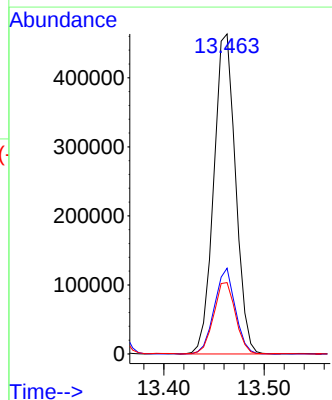
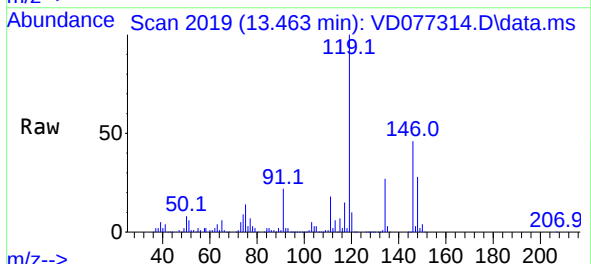
Instrument :
MSVOA_D
ClientSampleId :

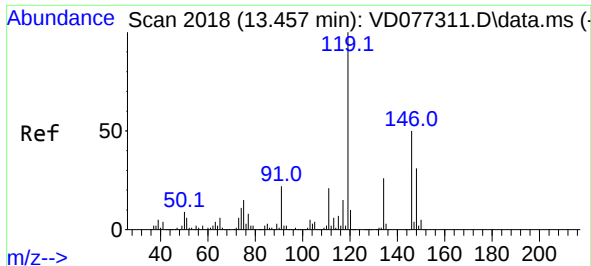
Tgt Ion:105 Resp: 847503
Ion Ratio Lower Upper
105 100
134 19.5 10.9 32.9



#86
p-Isopropyltoluene
Concen: 51.651 ug/l
RT: 13.463 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:119 Resp: 698890
Ion Ratio Lower Upper
119 100
134 25.6 14.2 42.6
91 22.5 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 49.337 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077314.D

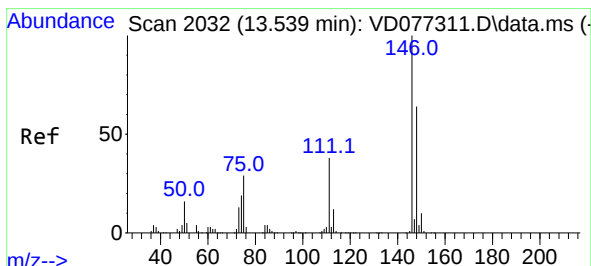
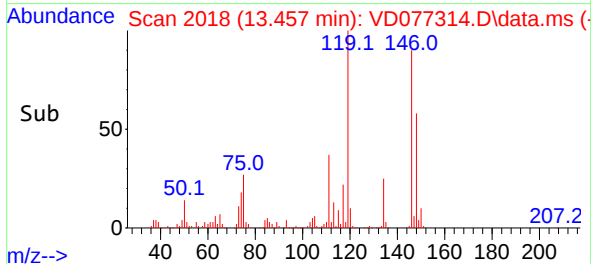
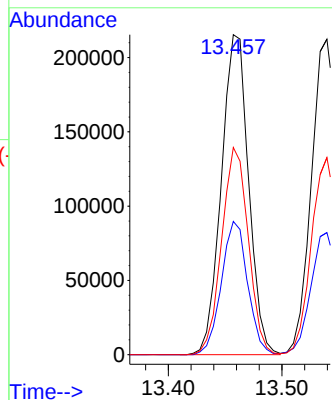
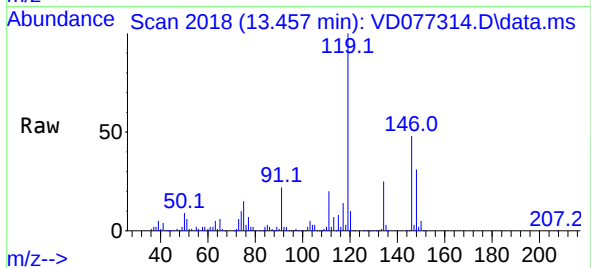
Acq: 11 Oct 2023 19:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:146	Resp:	359180
Ion	Ratio	Lower Upper
146	100	
111	40.1	17.9 53.8
148	63.3	32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 49.513 ug/l

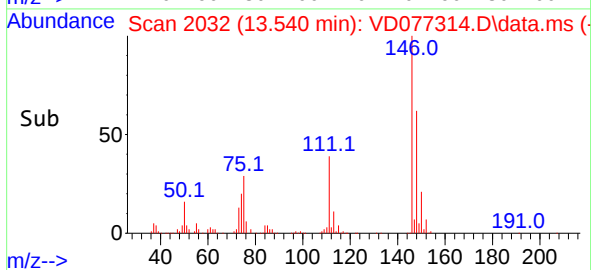
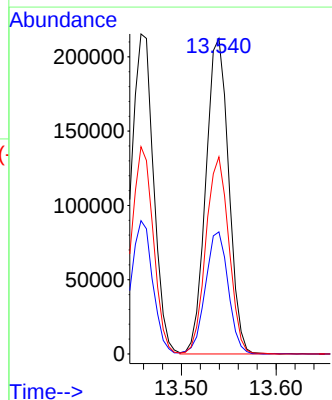
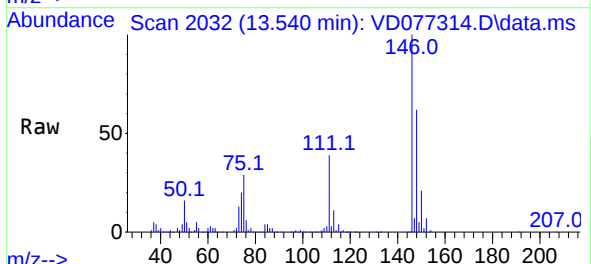
RT: 13.540 min Scan# 2032

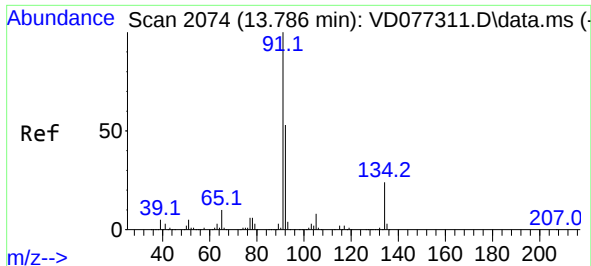
Delta R.T. 0.000 min

Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

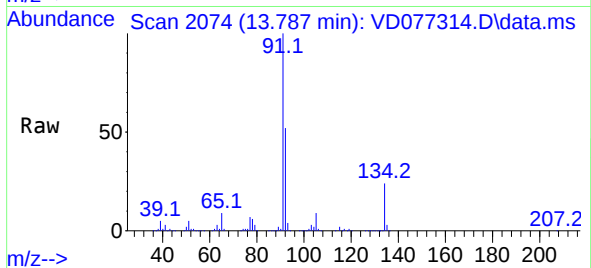
Tgt Ion:146	Resp:	356053
Ion	Ratio	Lower Upper
146	100	
111	38.6	17.4 52.3
148	62.9	31.7 95.1



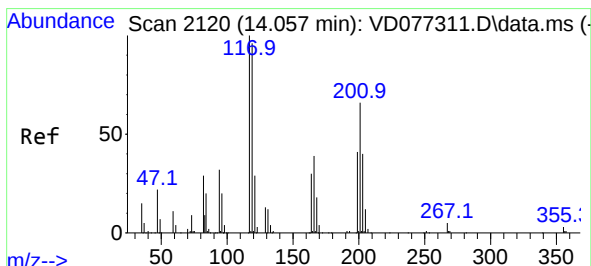
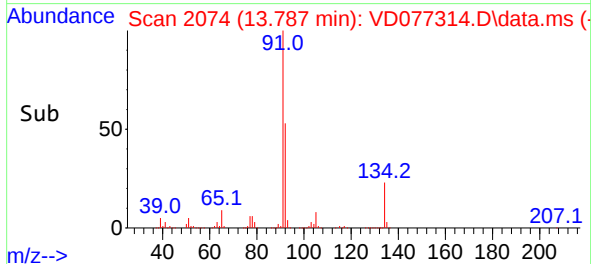
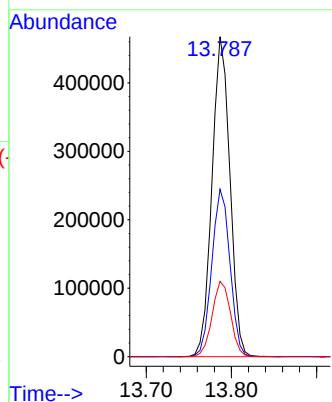


#89
n-Butylbenzene
Concen: 51.703 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :

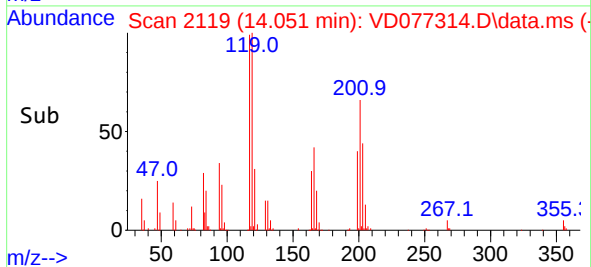
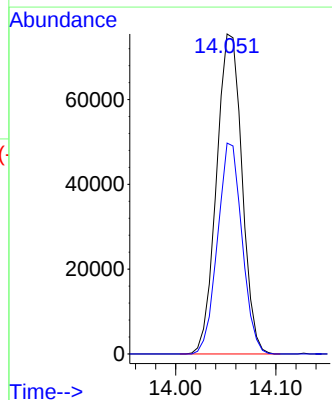
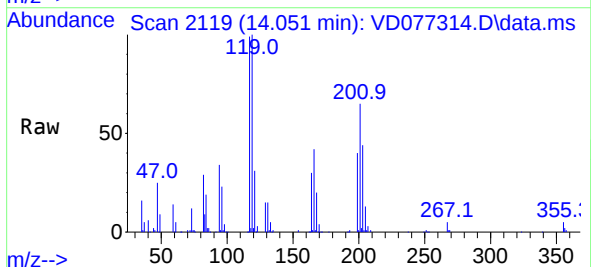


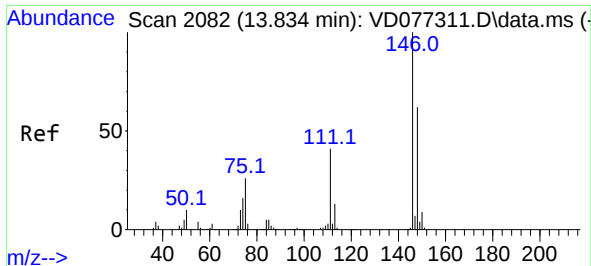
Tgt Ion: 91 Resp: 683986
Ion Ratio Lower Upper
91 100
92 53.0 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 49.901 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion: 117 Resp: 133129
Ion Ratio Lower Upper
117 100
201 63.3 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 49.708 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

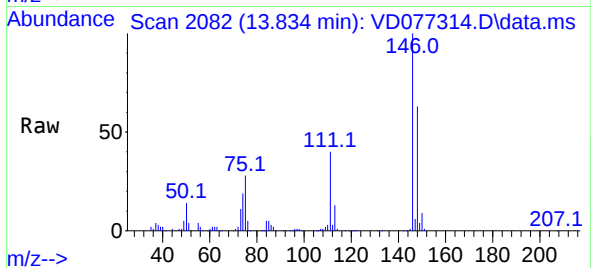
Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Instrument :

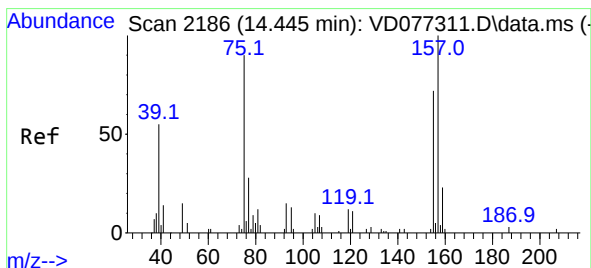
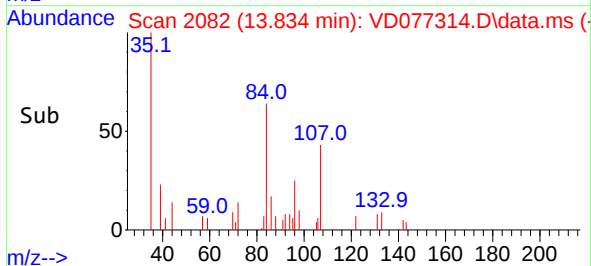
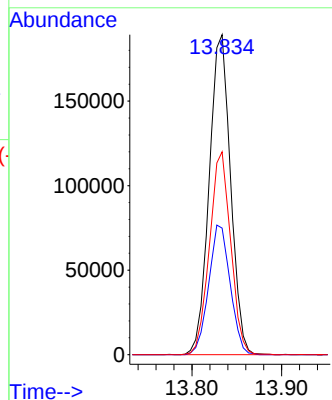
MSVOA_D

ClientSampleId :



Tgt Ion:146 Resp: 312733

Ion	Ratio	Lower	Upper
146	100		
111	40.8	18.3	54.8
148	63.0	31.6	94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 51.747 ug/l

RT: 14.451 min Scan# 2187

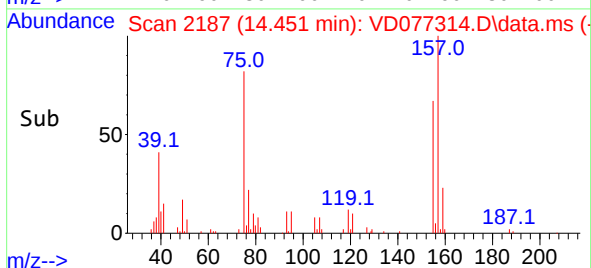
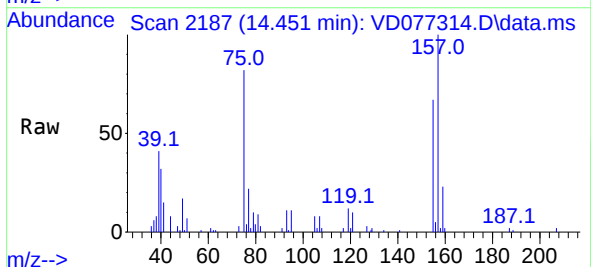
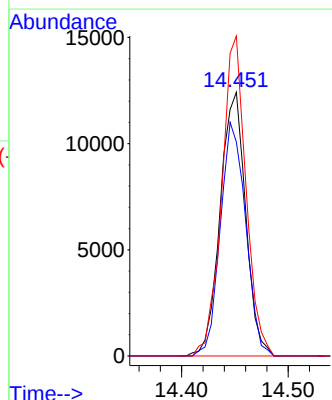
Delta R.T. 0.006 min

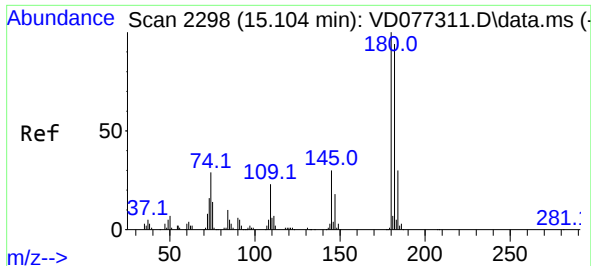
Lab File: VD077314.D

Acq: 11 Oct 2023 19:27

Tgt Ion: 75 Resp: 20620

Ion	Ratio	Lower	Upper
75	100		
155	87.8	47.9	143.8
157	115.1	59.9	179.7

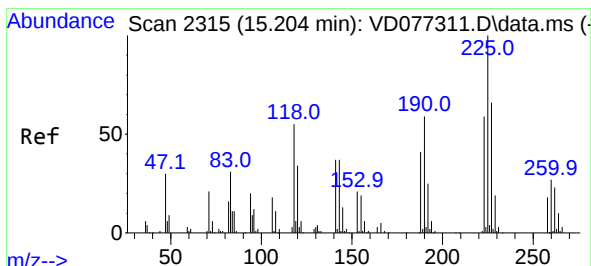
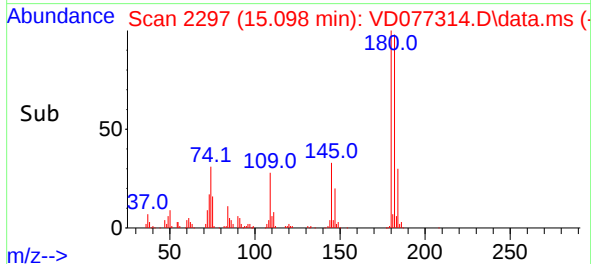
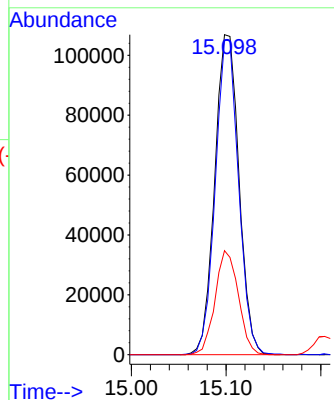
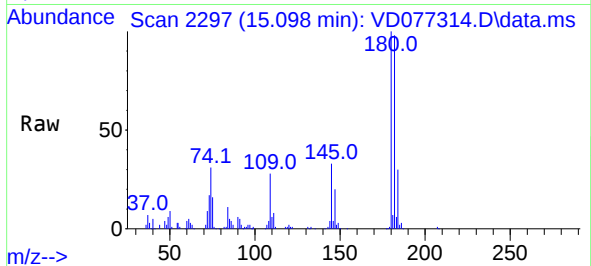




#93
1,2,4-Trichlorobenzene
Concen: 50.044 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

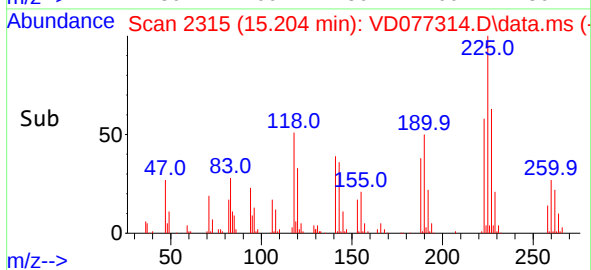
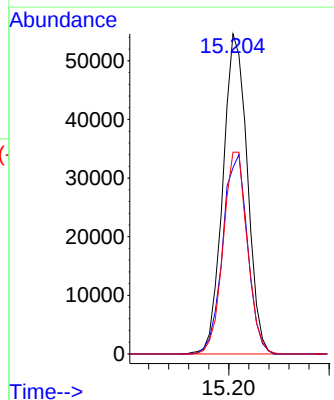
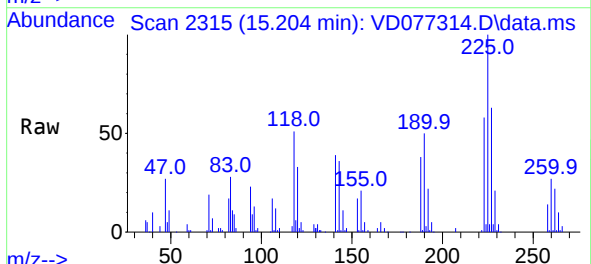
Instrument :
MSVOA_D
ClientSampleId :

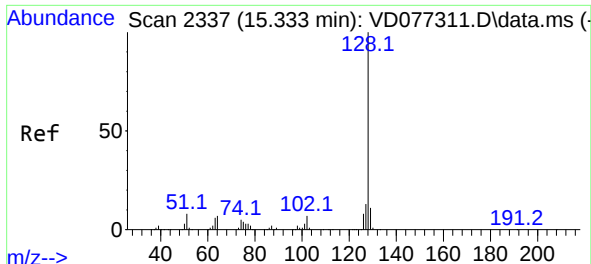
Tgt Ion:180 Resp: 189904
Ion Ratio Lower Upper
180 100
182 94.6 48.5 145.6
145 31.3 14.2 42.6



#94
Hexachlorobutadiene
Concen: 48.416 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

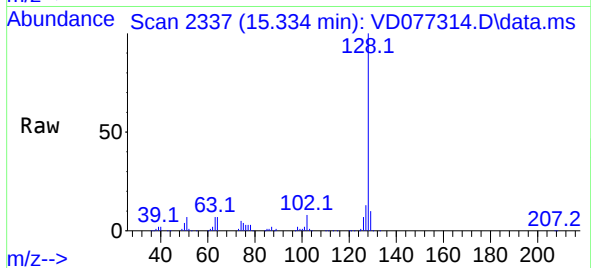
Tgt Ion:225 Resp: 91849
Ion Ratio Lower Upper
225 100
223 63.5 31.6 94.8
227 62.9 31.7 95.1



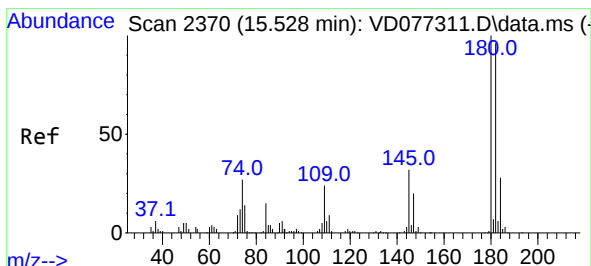
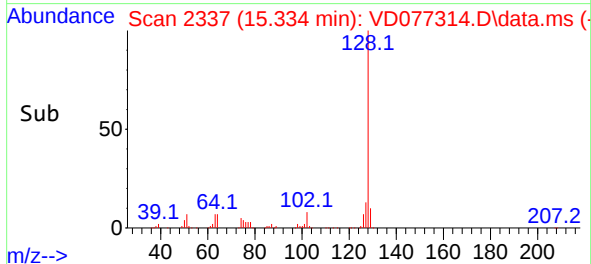
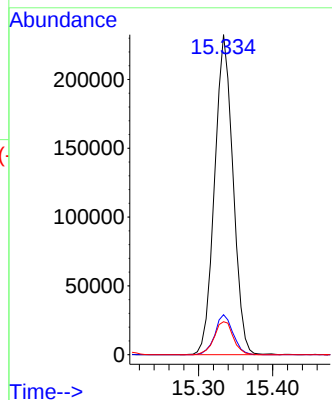


#95
Naphthalene
Concen: 54.490 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 400940
Ion Ratio Lower Upper
128 100
127 12.5 10.5 15.7
129 10.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.058 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077314.D
Acq: 11 Oct 2023 19:27

Tgt Ion:180 Resp: 174570
Ion Ratio Lower Upper
180 100
182 92.9 47.3 141.9
145 31.4 15.1 45.3

