

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110323\
 Data File : VD077496.D
 Acq On : 03 Nov 2023 10:51
 Operator : JC/SY
 Sample : VD1103SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 04 05:13:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	226317	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	408830	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	361324	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	166038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	167472	52.331	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.660%	
35) Dibromofluoromethane	7.810	113	145532	51.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.000%	
50) Toluene-d8	10.269	98	590183	53.772	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.540%	
62) 4-Bromofluorobenzene	12.575	95	187616	50.753	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	34971	19.164	ug/l	95
3) Chloromethane	2.152	50	55985	19.324	ug/l	98
4) Vinyl Chloride	2.287	62	64368	22.783	ug/l	97
5) Bromomethane	2.693	94	35849	24.215	ug/l	98
6) Chloroethane	2.840	64	47051	24.736	ug/l	97
7) Trichlorofluoromethane	3.181	101	76707	19.388	ug/l	97
8) Diethyl Ether	3.593	74	29185	20.521	ug/l	58
9) 1,1,2-Trichlorotrifluo...	3.981	101	48868	20.460	ug/l	93
10) Methyl Iodide	4.169	142	43305	16.601	ug/l	# 91
11) Tert butyl alcohol	5.046	59	28106	110.871	ug/l	99
12) 1,1-Dichloroethene	3.946	96	42724	18.894	ug/l	# 74
13) Acrolein	3.799	56	33084	98.967	ug/l	96
14) Allyl chloride	4.569	41	104904	19.231	ug/l	# 83
15) Acrylonitrile	5.258	53	81291	105.738	ug/l	95
16) Acetone	4.028	43	99160	117.097	ug/l	# 79
17) Carbon Disulfide	4.275	76	88092	15.437	ug/l	96
18) Methyl Acetate	4.564	43	59839	19.372	ug/l	# 77
19) Methyl tert-butyl Ether	5.322	73	147158	20.733	ug/l	94
20) Methylene Chloride	4.805	84	70494	20.728	ug/l	# 58
21) trans-1,2-Dichloroethene	5.316	96	47813	18.156	ug/l	# 73
22) Diisopropyl ether	6.222	45	233744	20.161	ug/l	# 90
23) Vinyl Acetate	6.158	43	590084	117.977	ug/l	# 83
24) 1,1-Dichloroethane	6.116	63	121490	20.195	ug/l	94
25) 2-Butanone	7.087	43	122533	108.482	ug/l	# 74
26) 2,2-Dichloropropane	7.081	77	106441	19.966	ug/l	89
27) cis-1,2-Dichloroethene	7.087	96	65285	20.010	ug/l	72
28) Bromochloromethane	7.428	49	43571	17.409	ug/l	# 53
29) Tetrahydrofuran	7.452	42	69927	104.383	ug/l	# 69
30) Chloroform	7.599	83	111860	19.915	ug/l	94
31) Cyclohexane	7.881	56	90798	18.150	ug/l	# 80
32) 1,1,1-Trichloroethane	7.793	97	91912	19.861	ug/l	95
36) 1,1-Dichloropropene	8.010	75	77842	18.580	ug/l	93
37) Ethyl Acetate	7.175	43	48668	20.242	ug/l	# 87
38) Carbon Tetrachloride	7.993	117	75415	19.103	ug/l	99
39) Methylcyclohexane	9.275	83	85847	17.959	ug/l	# 79
40) Benzene	8.252	78	233458	19.542	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	31075	20.199	ug/l #	70
42) 1,2-Dichloroethane	8.328	62	74838	19.779	ug/l	90
43) Isopropyl Acetate	8.363	43	101699	20.497	ug/l #	79
44) Trichloroethene	9.028	130	54818	18.733	ug/l	82
45) 1,2-Dichloropropane	9.304	63	71281	20.267	ug/l	98
46) Dibromomethane	9.393	93	32526	19.217	ug/l #	87
47) Bromodichloromethane	9.587	83	87000	19.447	ug/l	97
48) Methyl methacrylate	9.381	41	46646	19.695	ug/l #	63
49) 1,4-Dioxane	9.387	88	6569	361.184	ug/l #	49
51) 4-Methyl-2-Pentanone	10.157	43	248251	101.652	ug/l #	83
52) Toluene	10.334	92	142749	19.601	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	94246	19.895	ug/l	95
54) cis-1,3-Dichloropropene	10.022	75	104041	19.085	ug/l #	75
55) 1,1,2-Trichloroethane	10.734	97	46802	20.725	ug/l	92
56) Ethyl methacrylate	10.598	69	66177	19.710	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	84208	19.950	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	148259	88.203	ug/l #	84
59) 2-Hexanone	10.922	43	196275	109.098	ug/l	76
60) Dibromochloromethane	11.075	129	53606	19.742	ug/l	98
61) 1,2-Dibromoethane	11.187	107	41765	19.530	ug/l	95
64) Tetrachloroethene	10.810	164	43870	19.070	ug/l	92
65) Chlorobenzene	11.610	112	151627	20.031	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	56161	19.633	ug/l	98
67) Ethyl Benzene	11.687	91	294515	20.221	ug/l	94
68) m/p-Xylenes	11.793	106	206855	39.330	ug/l	81
69) o-Xylene	12.122	106	101200	20.088	ug/l	81
70) Styrene	12.140	104	172562	19.855	ug/l #	90
71) Bromoform	12.298	173	30679	19.345	ug/l #	99
73) Isopropylbenzene	12.422	105	272289	20.114	ug/l	94
74) N-amyl acetate	12.234	43	92301	19.250	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	55511	20.919	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	73797	36.518	ug/l #	100
77) Bromobenzene	12.698	156	57919	19.438	ug/l	69
78) n-propylbenzene	12.763	91	346254	20.144	ug/l	92
79) 2-Chlorotoluene	12.851	91	188005	19.318	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	224144	19.733	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	20367	19.468	ug/l #	84
82) 4-Chlorotoluene	12.951	91	198112	19.542	ug/l	88
83) tert-Butylbenzene	13.169	119	191332	20.035	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	218427	19.358	ug/l	94
85) sec-Butylbenzene	13.345	105	291990	19.983	ug/l	94
86) p-Isopropyltoluene	13.463	119	241460	20.330	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	115121	19.655	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	115676	19.767	ug/l	94
89) n-Butylbenzene	13.787	91	246090	19.935	ug/l	97
90) Hexachloroethane	14.051	117	47967	19.736	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	103777	20.161	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8590	19.215	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	64853	18.340	ug/l	97
94) Hexachlorobutadiene	15.204	225	35449	18.585	ug/l	98
95) Naphthalene	15.334	128	131922	19.556	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	57606	18.872	ug/l	98

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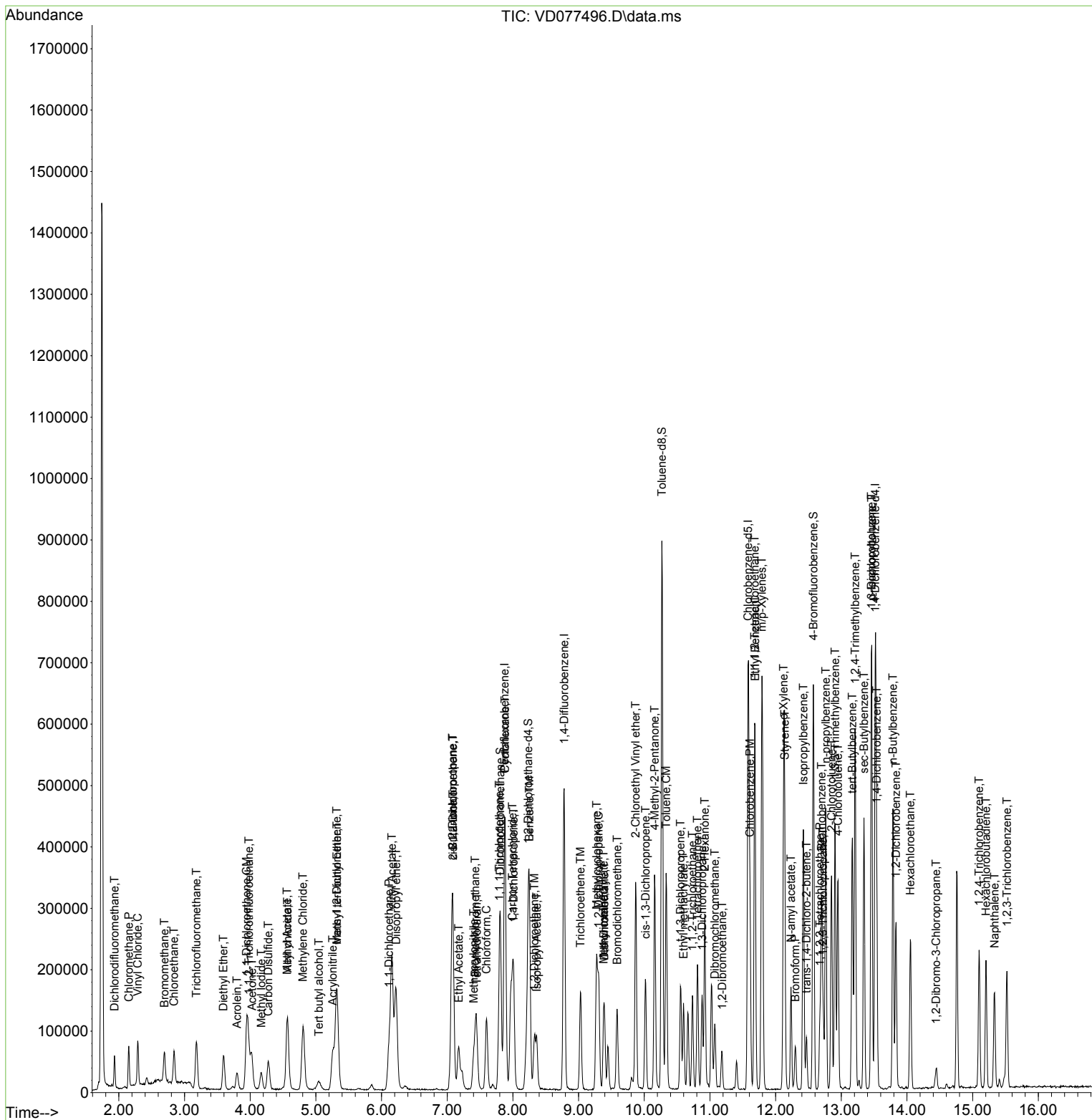
Instrument :
MSVOA_D
ClientSampleId :

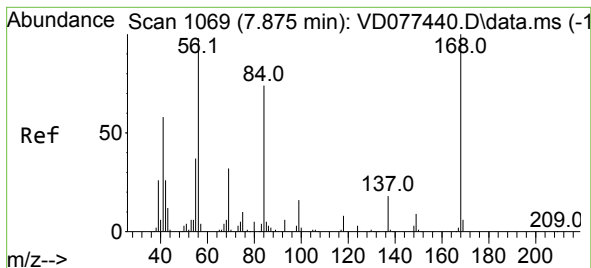
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

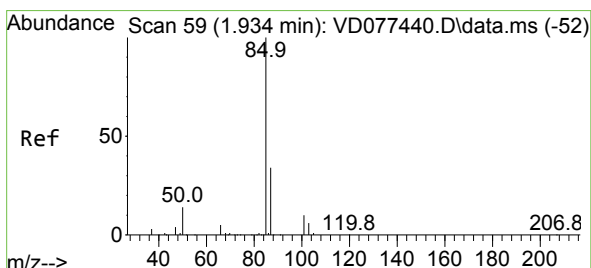
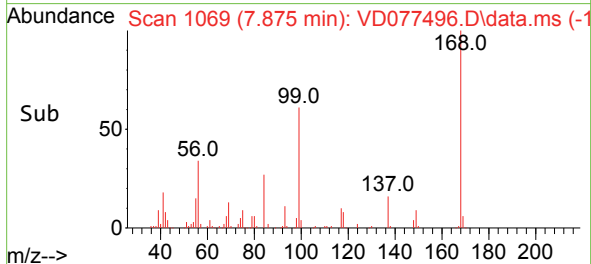
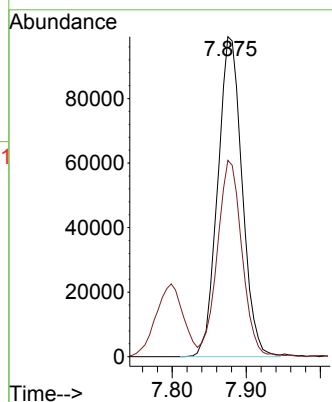
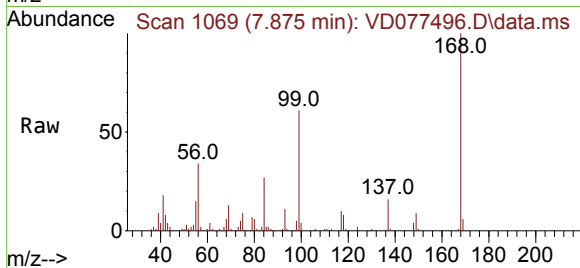
ClientSampleId :

Tgt Ion:168 Resp: 226317

Ion Ratio Lower Upper

168 100

99 60.8 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 19.164 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077496.D

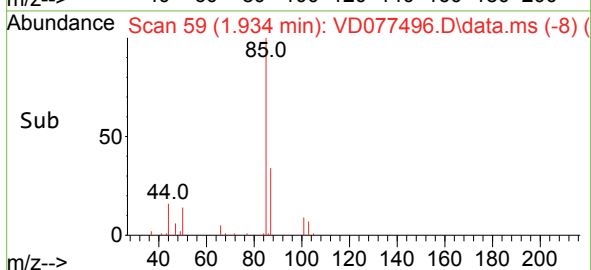
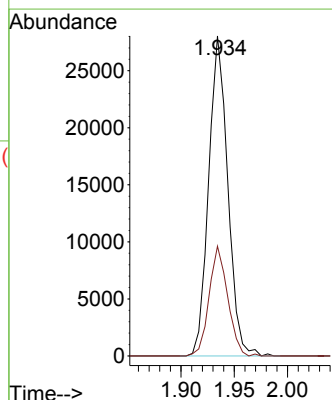
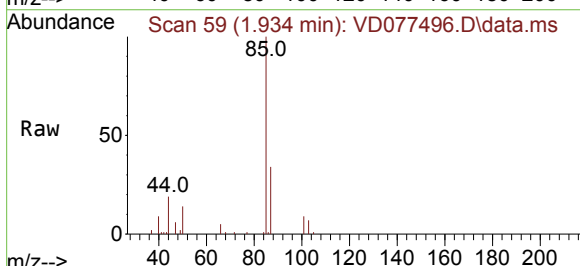
Acq: 03 Nov 2023 10:51

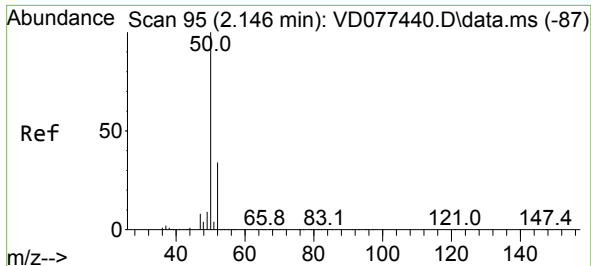
Tgt Ion: 85 Resp: 34971

Ion Ratio Lower Upper

85 100

87 34.3 15.7 47.0

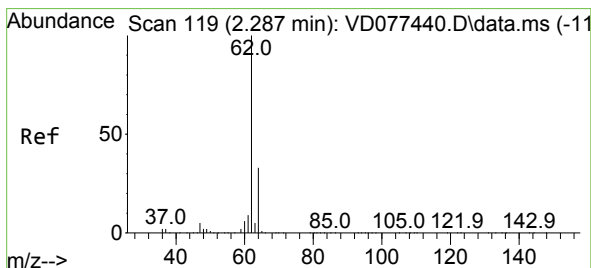
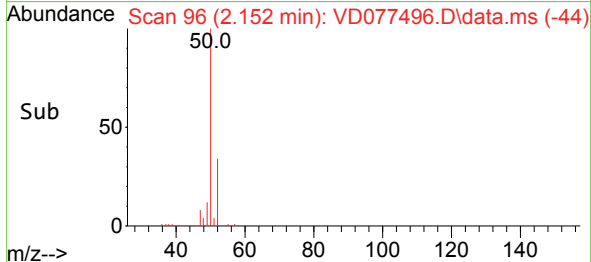
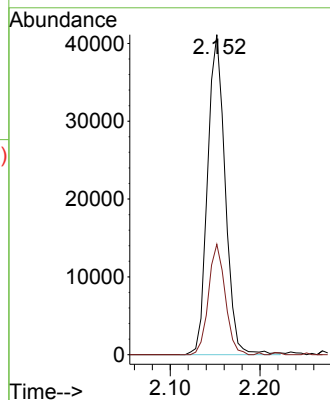
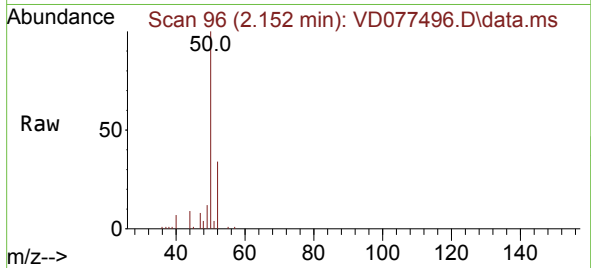




#3
Chloromethane
Concen: 19.324 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

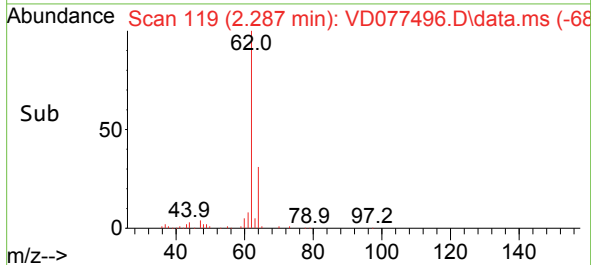
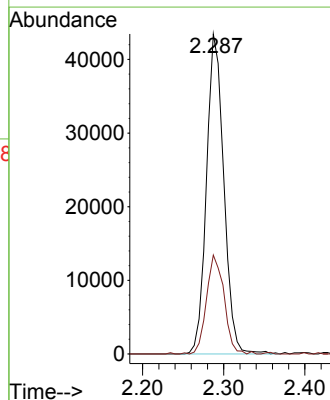
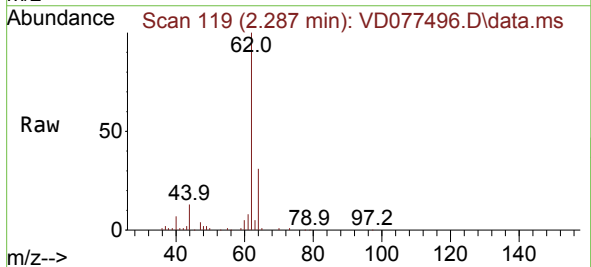
Instrument :
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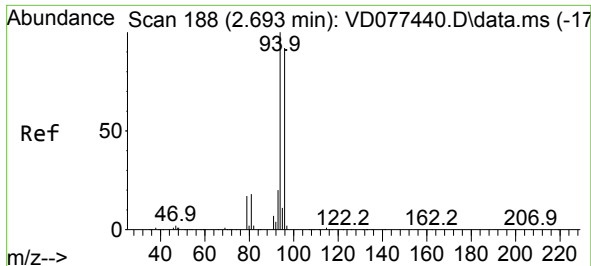
Tgt Ion: 50 Resp: 55985
Ion Ratio Lower Upper
50 100
52 34.5 26.6 40.0



#4
Vinyl Chloride
Concen: 22.783 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 62 Resp: 64368
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0

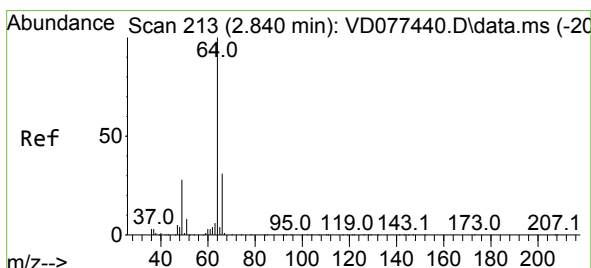
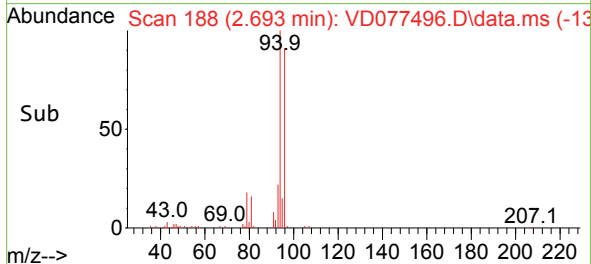
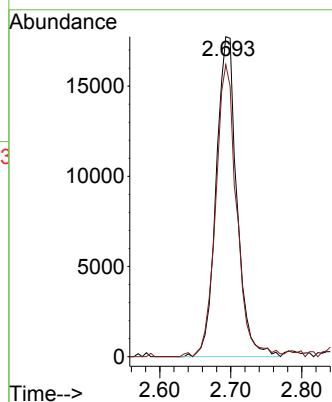
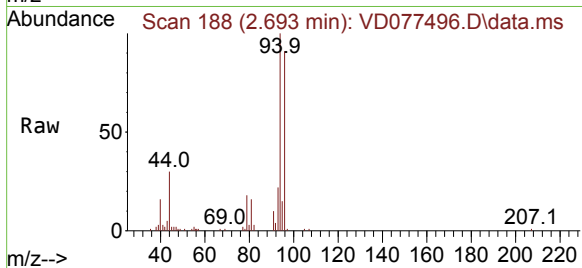




#5
Bromomethane
Concen: 24.215 ug/l
RT: 2.693 min Scan# 188
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

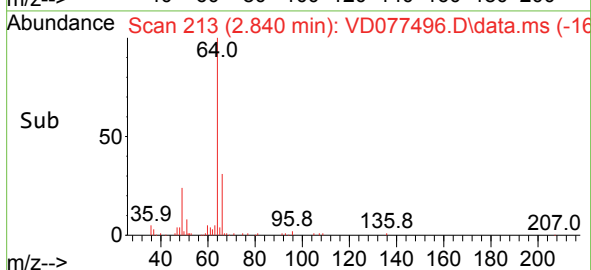
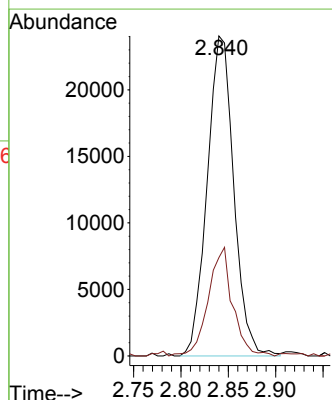
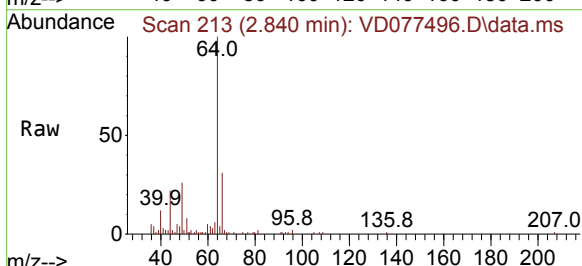
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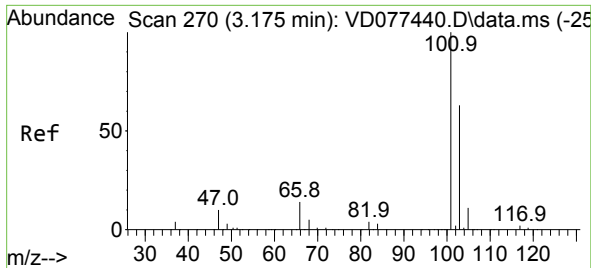
Tgt Ion: 94 Resp: 35849
Ion Ratio Lower Upper
94 100
96 93.0 75.8 113.8



#6
Chloroethane
Concen: 24.736 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 64 Resp: 47051
Ion Ratio Lower Upper
64 100
66 30.1 25.5 38.3

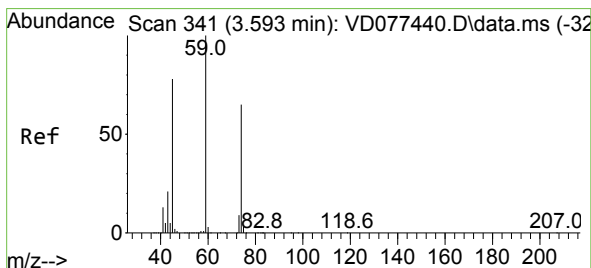
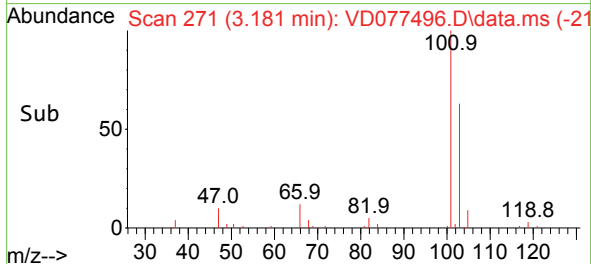
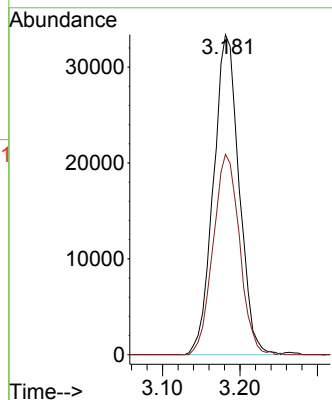
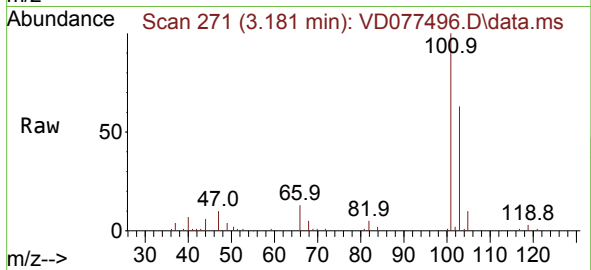




#7
Trichlorofluoromethane
Concen: 19.388 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077496.D
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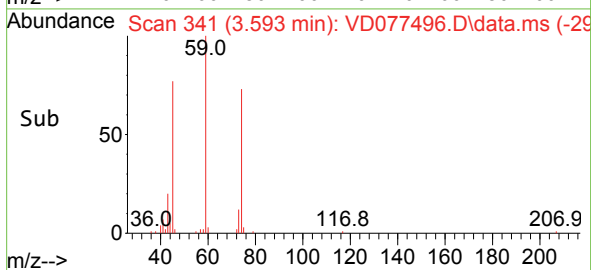
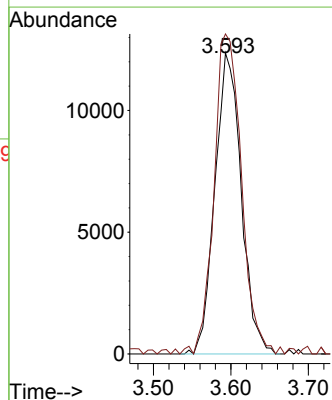
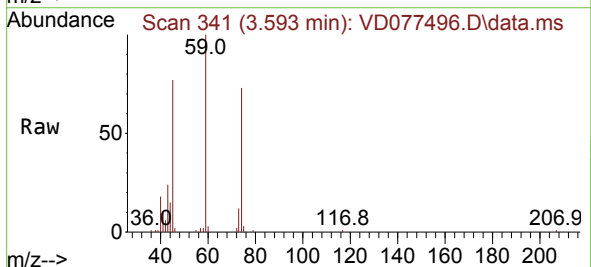
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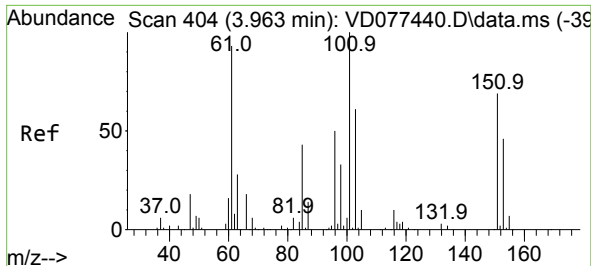
Tgt Ion:101 Resp: 76707
Ion Ratio Lower Upper
101 100
103 62.6 52.3 78.5



#8
Diethyl Ether
Concen: 20.521 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 74 Resp: 29185
Ion Ratio Lower Upper
74 100
45 110.9 37.5 112.7

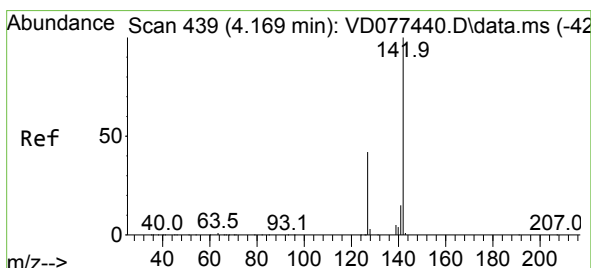
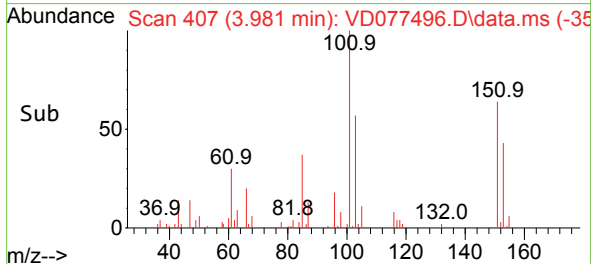
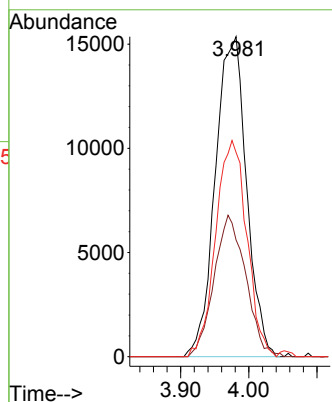
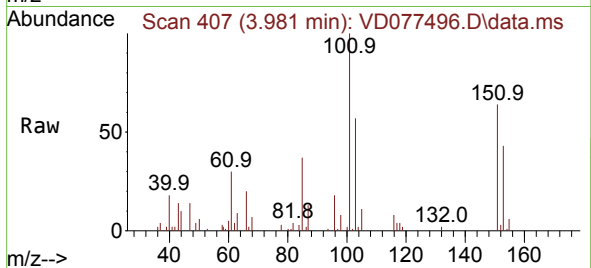




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.460 ug/l
RT: 3.981 min Scan# 407
Delta R.T. 0.018 min
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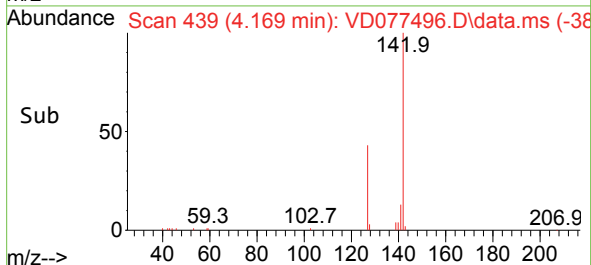
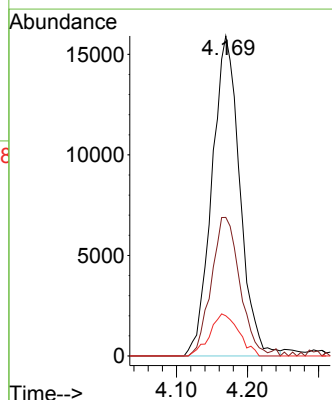
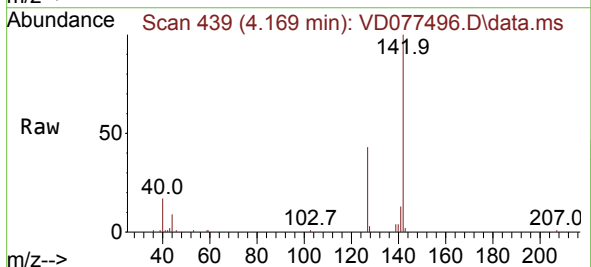
Instrument :
MSVOA_D
ClientSampleId :

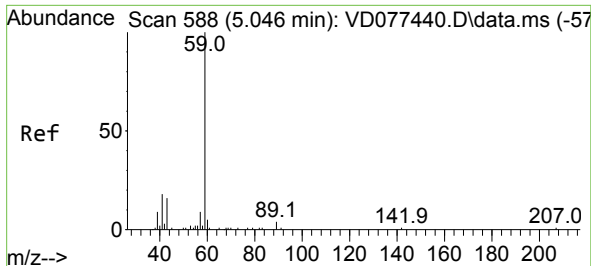
Tgt Ion:101 Resp: 48868
Ion Ratio Lower Upper
101 100
85 44.9 33.8 50.6
151 67.5 59.8 89.6



#10
Methyl Iodide
Concen: 16.601 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:142 Resp: 43305
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 13.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 110.871 ug/l

RT: 5.046 min Scan# 588

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

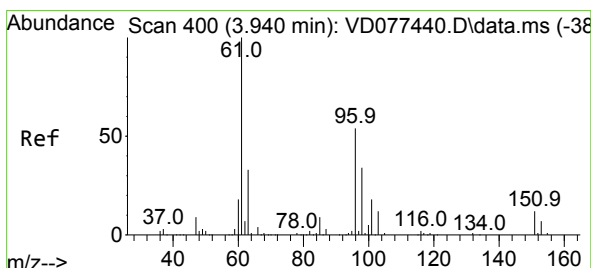
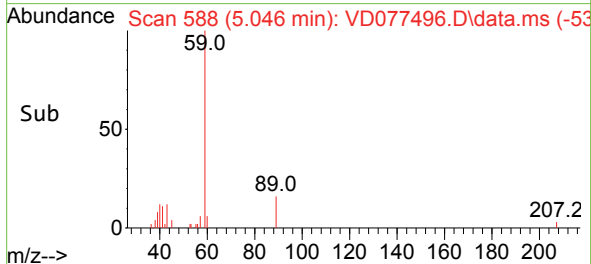
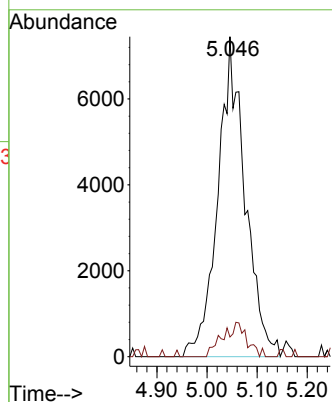
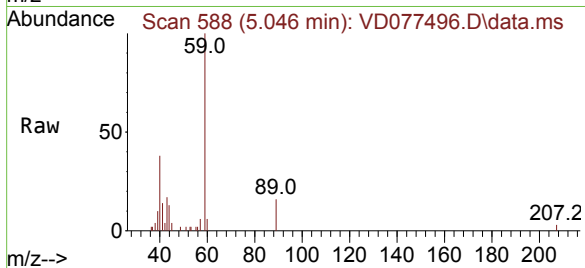
ClientSampleId :

Tgt Ion: 59 Resp: 28106

Ion Ratio Lower Upper

59 100

57 9.5 7.8 11.8



#12

1,1-Dichloroethene

Concen: 18.894 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

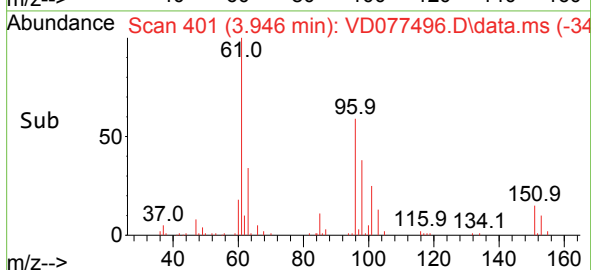
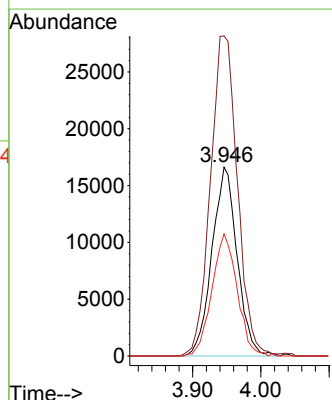
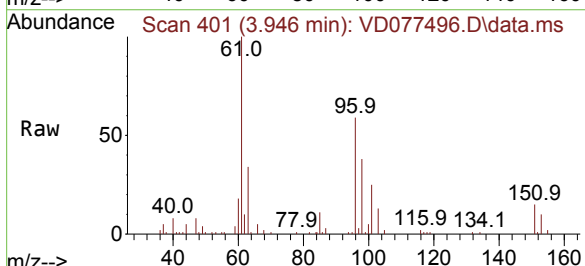
Tgt Ion: 96 Resp: 42724

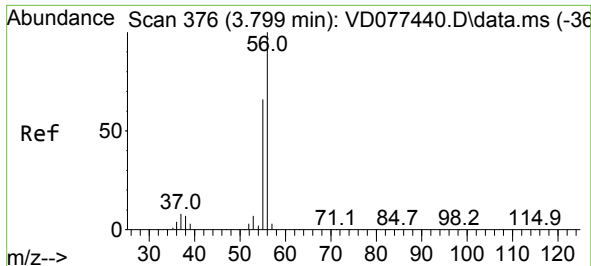
Ion Ratio Lower Upper

96 100

61 169.5 100.6 150.8#

98 64.6 50.2 75.2

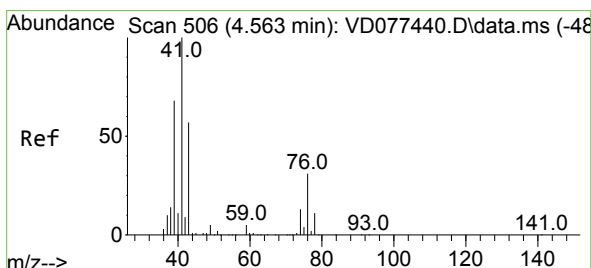
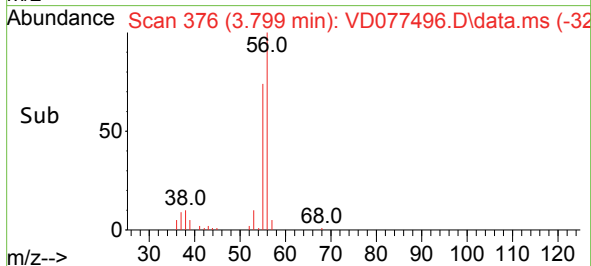
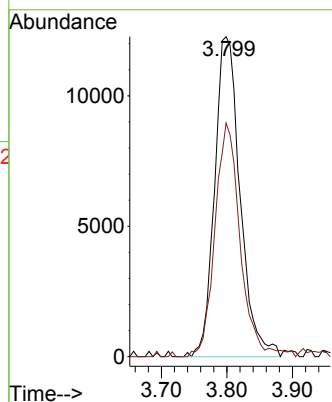
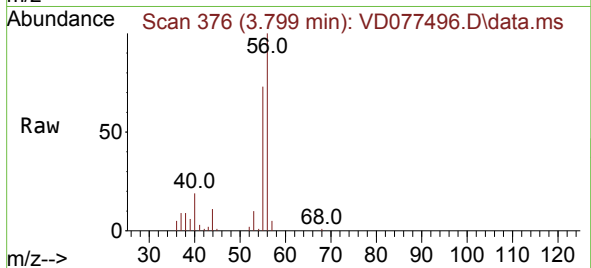




#13
Acrolein
Concen: 98.967 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

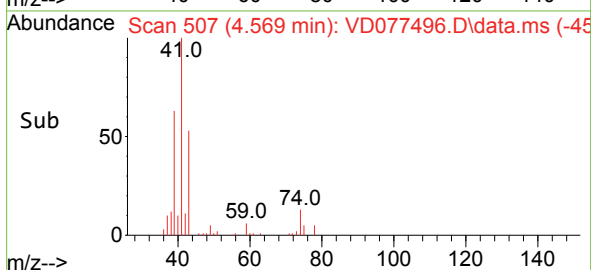
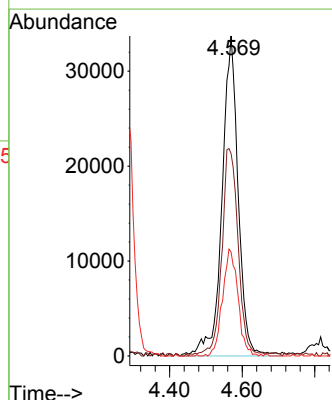
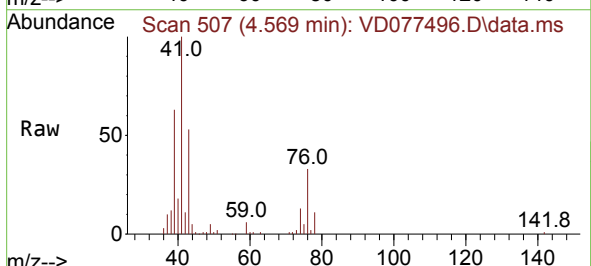
Instrument :
MSVOA_D
ClientSampleId :

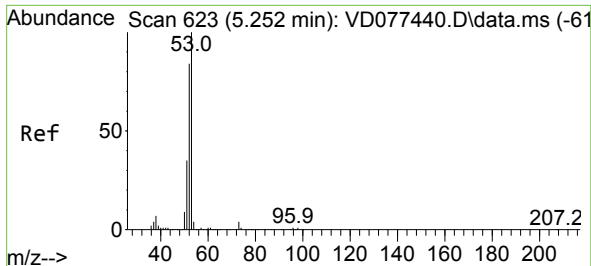
Tgt Ion: 56 Resp: 33084
Ion Ratio Lower Upper
56 100
55 72.4 55.1 82.7



#14
Allyl chloride
Concen: 19.231 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 41 Resp: 104904
Ion Ratio Lower Upper
41 100
39 65.4 53.8 80.6
76 31.7 45.8 68.8#

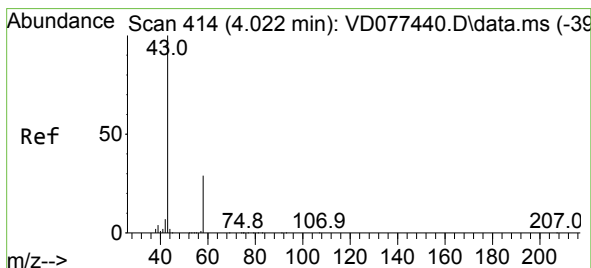
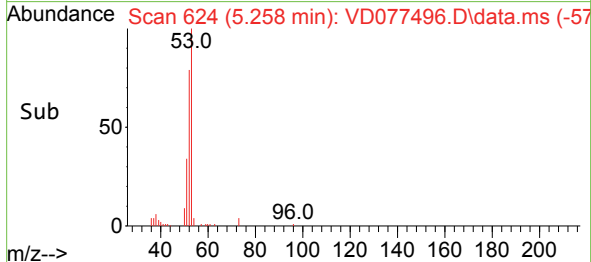
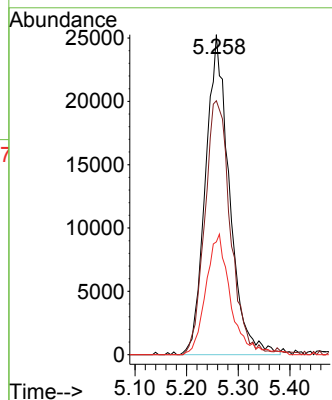
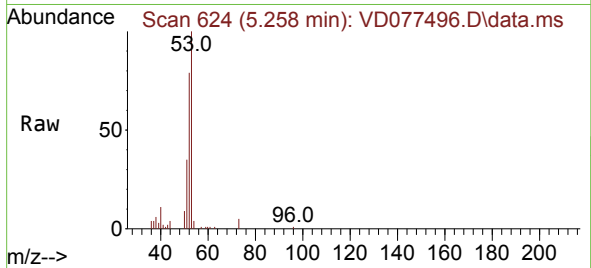




#15
Acrylonitrile
Concen: 105.738 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

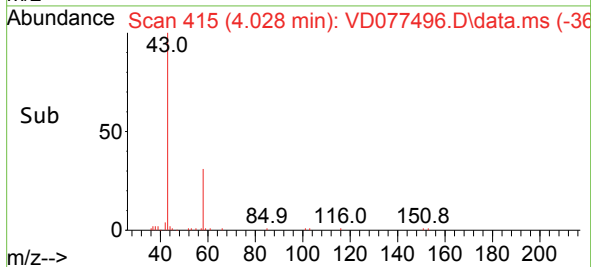
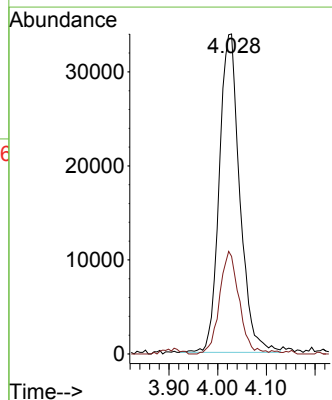
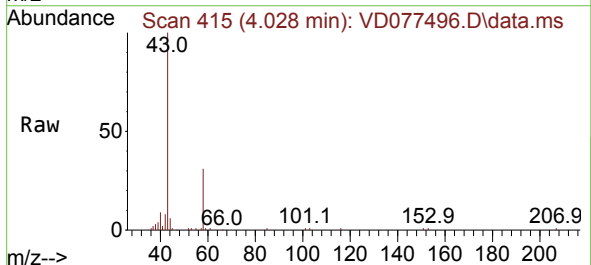
Instrument :
MSVOA_D
ClientSampleId :

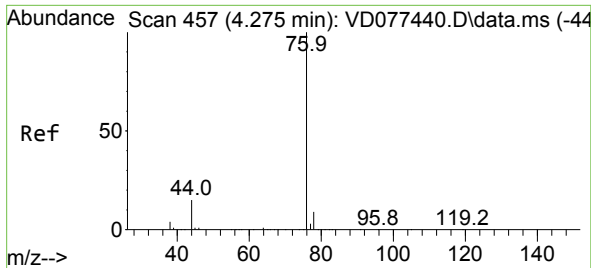
Tgt Ion: 53 Resp: 81291
Ion Ratio Lower Upper
53 100
52 84.9 65.0 97.4
51 39.0 28.3 42.5



#16
Acetone
Concen: 117.097 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 43 Resp: 99160
Ion Ratio Lower Upper
43 100
58 30.2 34.7 52.1#

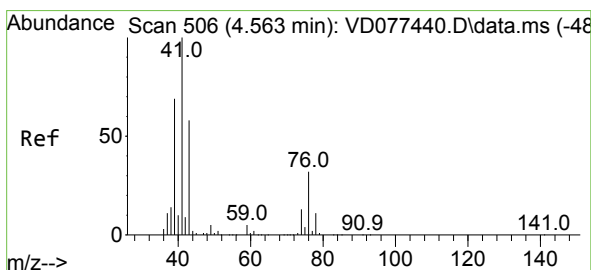
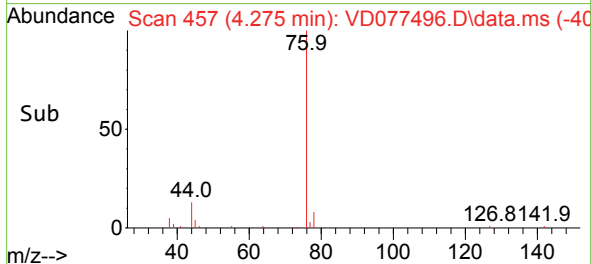
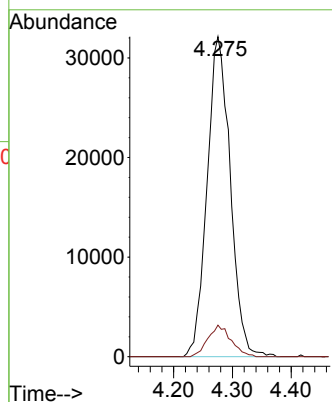
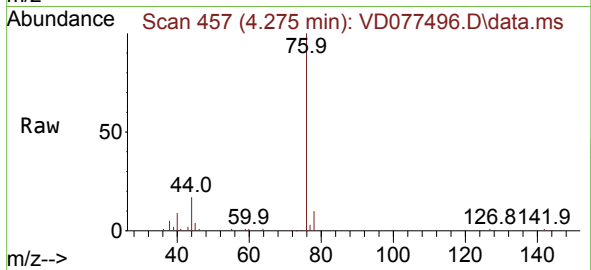




#17
Carbon Disulfide
Concen: 15.437 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

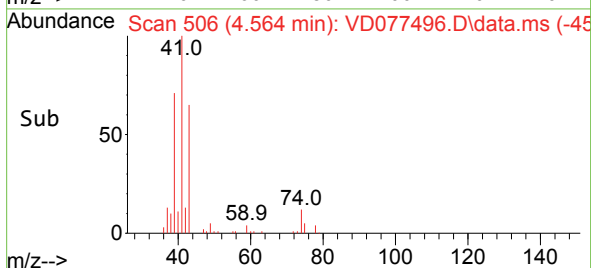
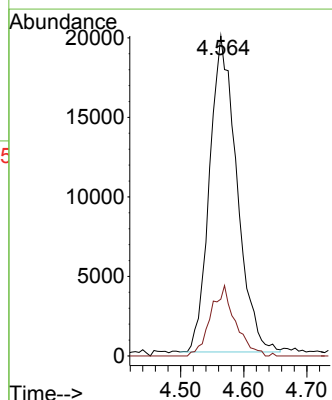
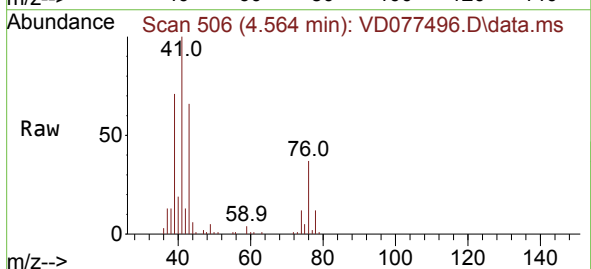
Instrument :
MSVOA_D
ClientSampleId :

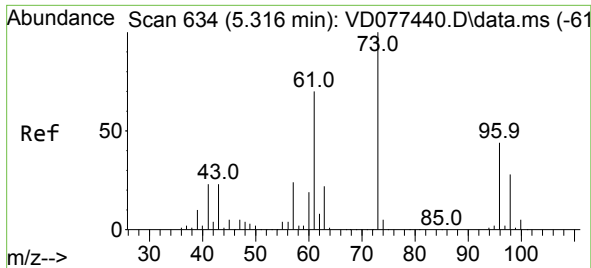
Tgt Ion: 76 Resp: 88092
Ion Ratio Lower Upper
76 100
78 9.9 6.8 10.2



#18
Methyl Acetate
Concen: 19.372 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 43 Resp: 59839
Ion Ratio Lower Upper
43 100
74 20.1 26.4 39.6#

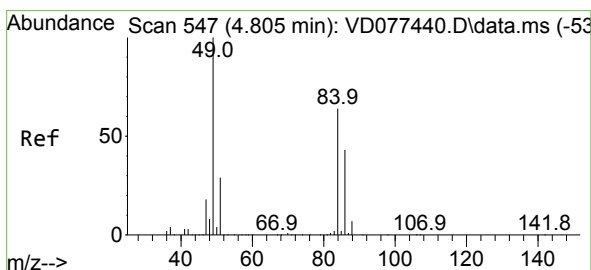
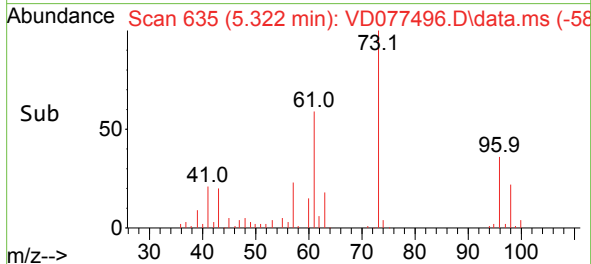
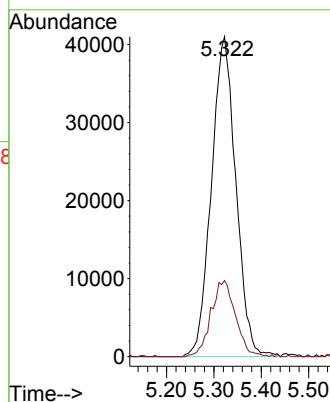
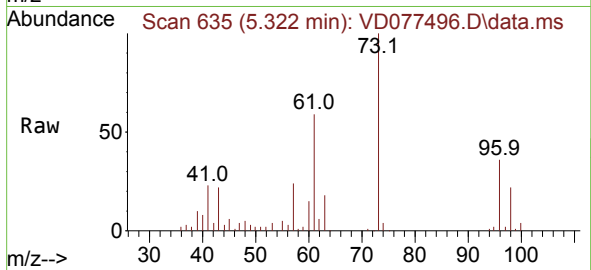




#19
Methyl tert-butyl Ether
Concen: 20.733 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

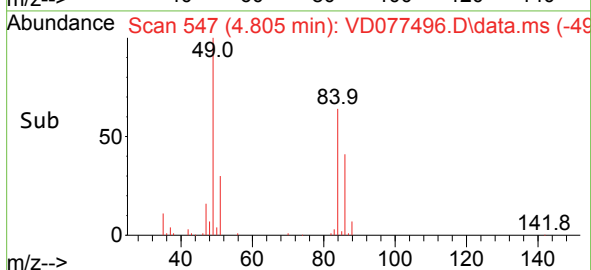
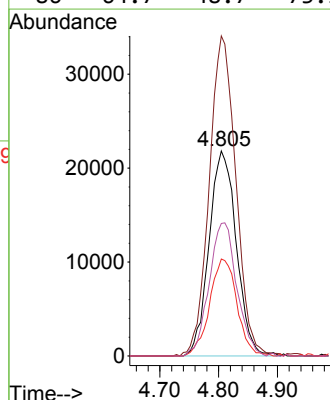
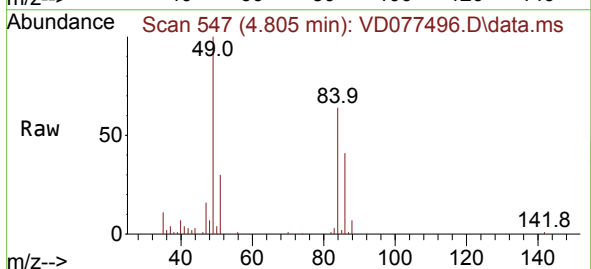
Instrument :
MSVOA_D
ClientSampleId :

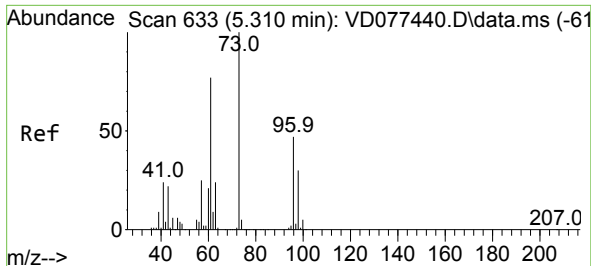
Tgt Ion: 73 Resp: 147158
Ion Ratio Lower Upper
73 100
57 23.8 16.6 25.0



#20
Methylene Chloride
Concen: 20.728 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 84 Resp: 70494
Ion Ratio Lower Upper
84 100
49 156.2 71.4 107.2#
51 47.3 24.5 36.7#
86 64.7 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 18.156 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

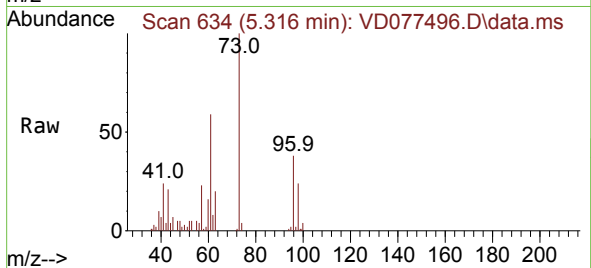
Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :



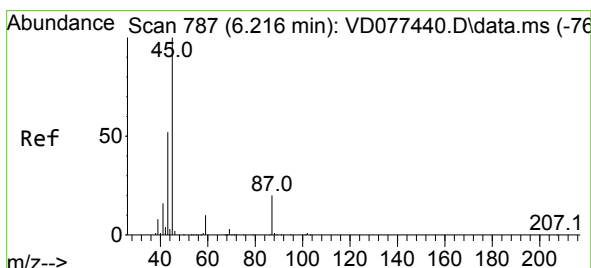
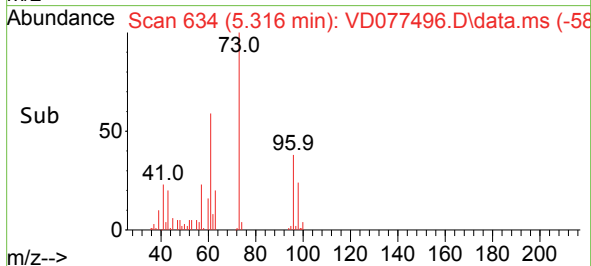
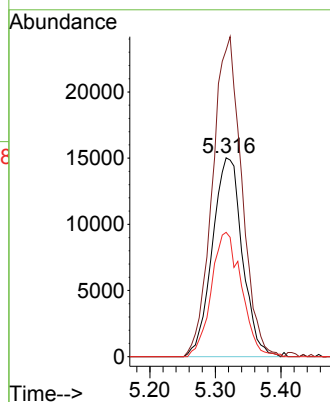
Tgt Ion: 96 Resp: 47813

Ion Ratio Lower Upper

96 100

61 154.1 89.3 133.9#

98 62.5 48.6 73.0



#22

Diisopropyl ether

Concen: 20.161 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Tgt Ion: 45 Resp: 233744

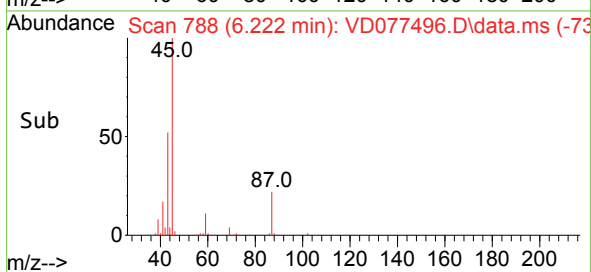
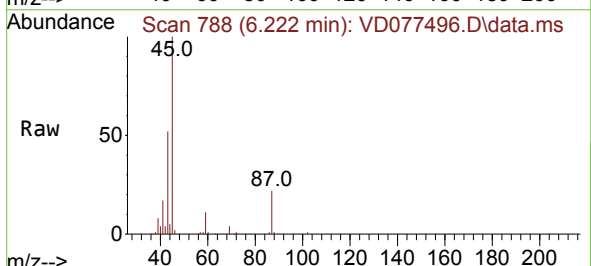
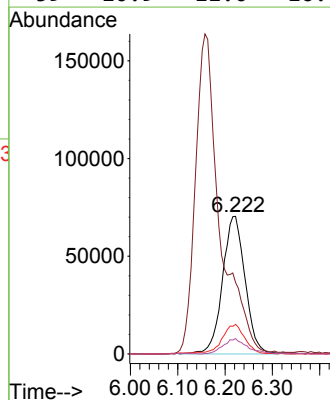
Ion Ratio Lower Upper

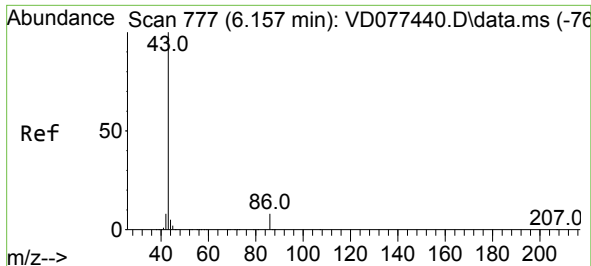
45 100

43 50.9 40.0 60.0

87 21.1 28.2 42.4#

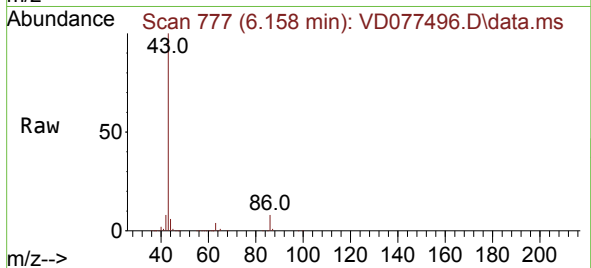
59 10.9 11.0 16.4#



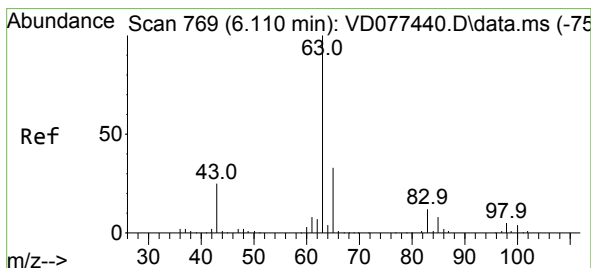
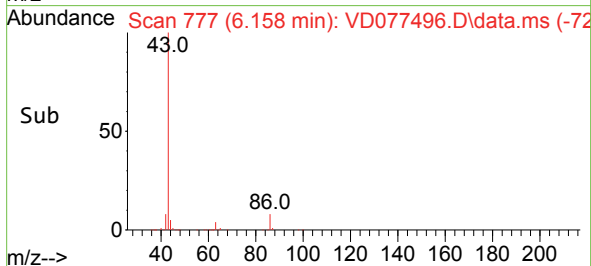
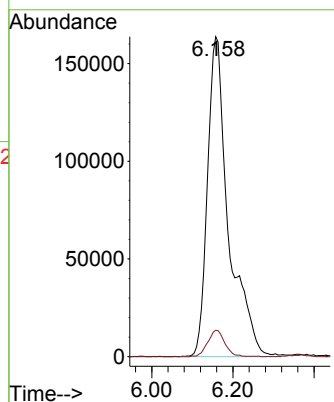


#23
 Vinyl Acetate
 Concen: 117.977 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077496.D
 Acq: 03 Nov 2023 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

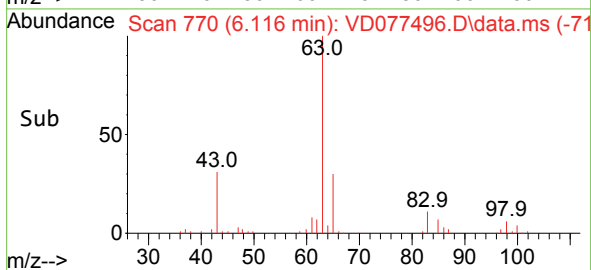
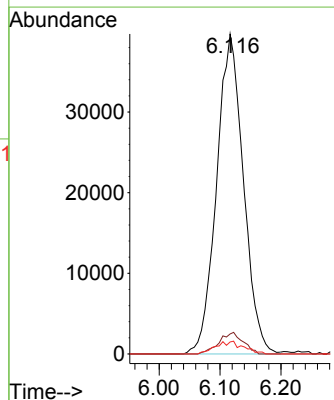
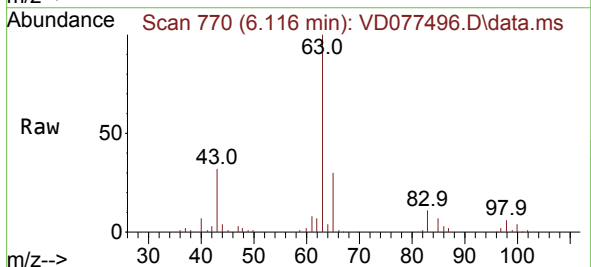


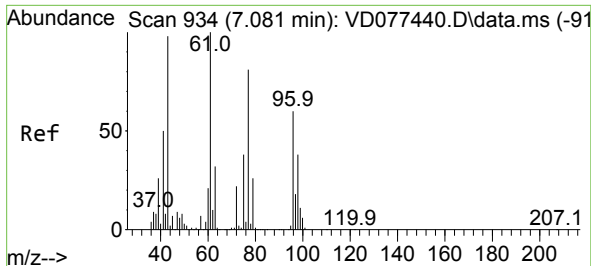
Tgt Ion: 43 Resp: 590084
 Ion Ratio Lower Upper
 43 100
 86 8.3 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.195 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077496.D
 Acq: 03 Nov 2023 10:51

Tgt Ion: 63 Resp: 121490
 Ion Ratio Lower Upper
 63 100
 98 6.3 4.5 13.7
 100 3.8 2.5 7.5

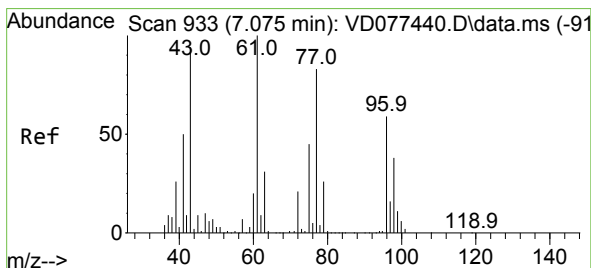
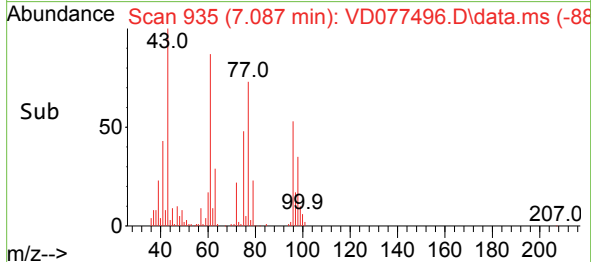
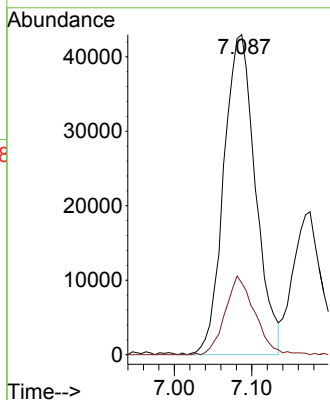
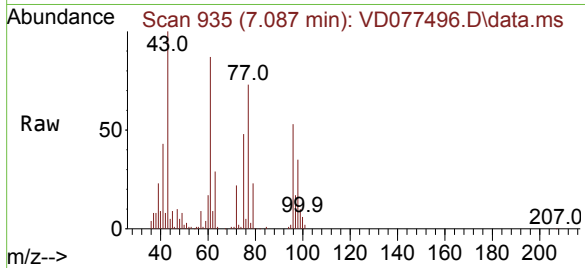




#25
2-Butanone
Concen: 108.482 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

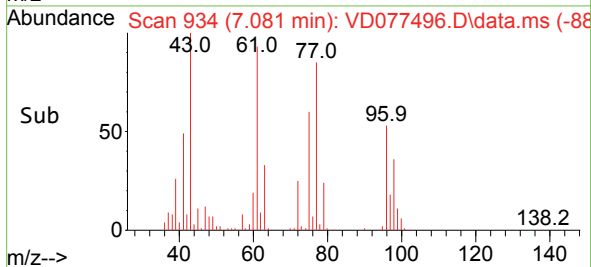
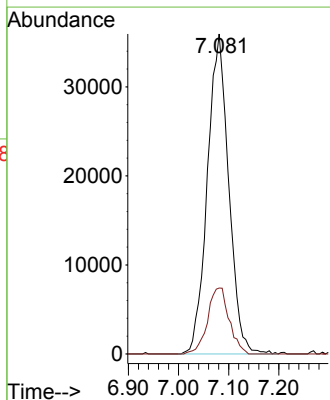
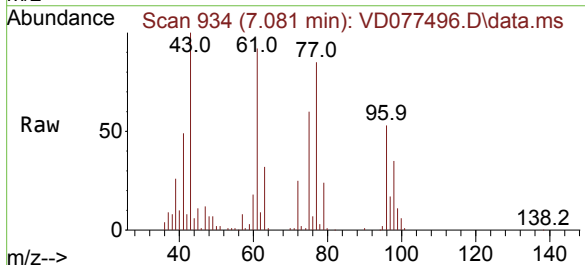
Instrument :
MSVOA_D
ClientSampleId :

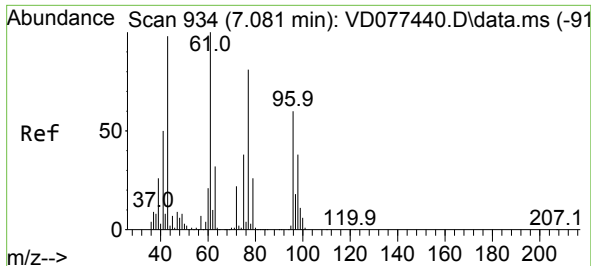
Tgt Ion: 43 Resp: 122533
Ion Ratio Lower Upper
43 100
72 22.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.966 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 77 Resp: 106441
Ion Ratio Lower Upper
77 100
97 20.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 20.010 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

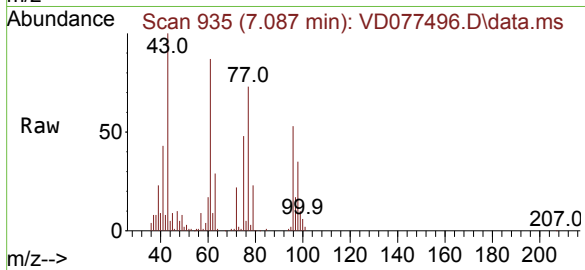
Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :



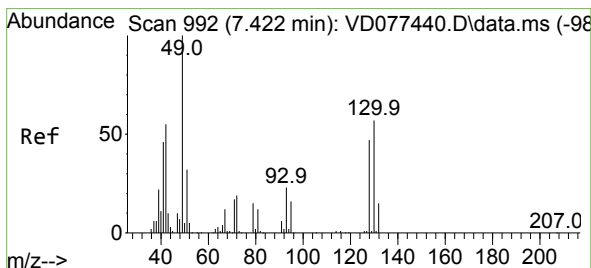
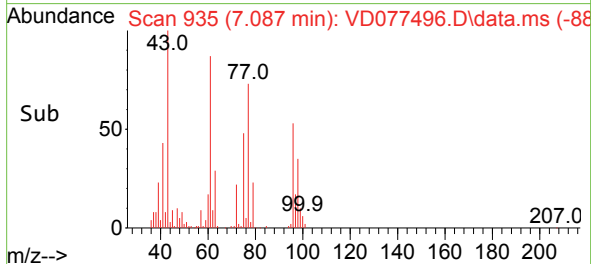
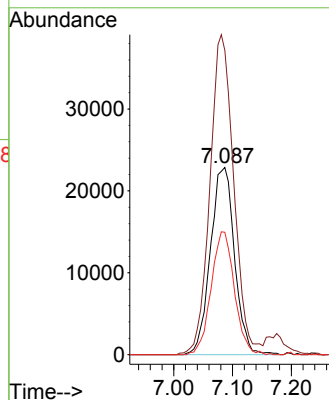
Tgt Ion: 96 Resp: 65285

Ion Ratio Lower Upper

96 100

61 167.4 0.0 239.2

98 63.3 0.0 128.6



#28

Bromochloromethane

Concen: 17.409 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

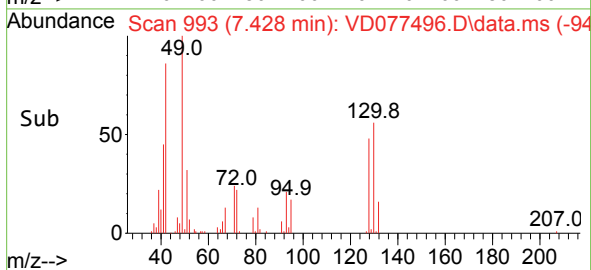
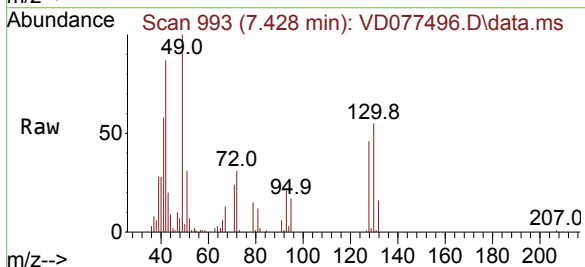
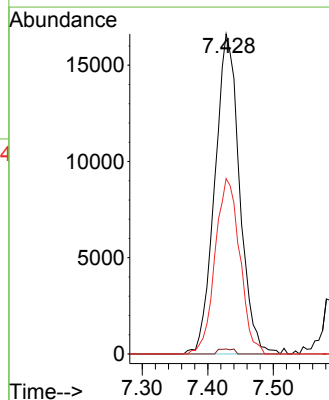
Tgt Ion: 49 Resp: 43571

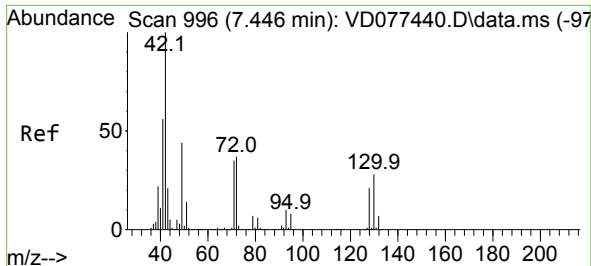
Ion Ratio Lower Upper

49 100

129 1.0 0.0 6.0

130 54.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 104.383 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

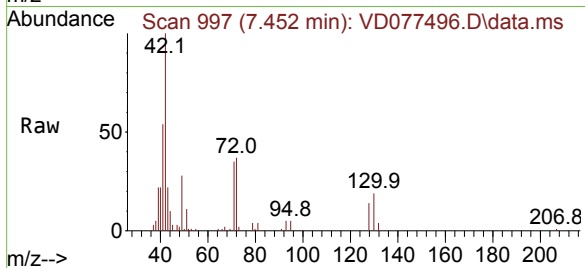
Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

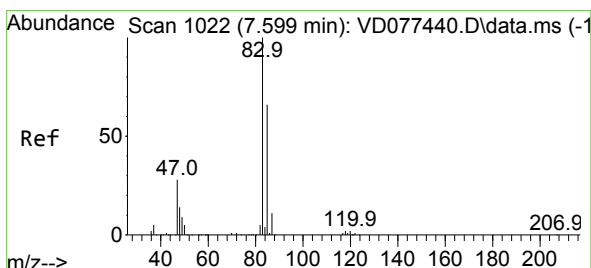
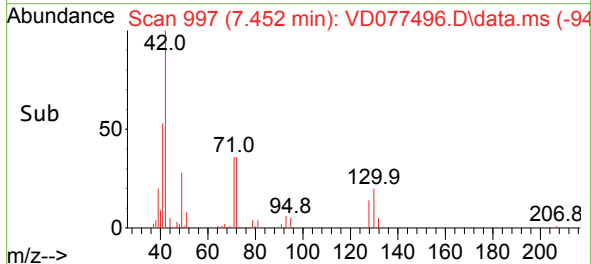
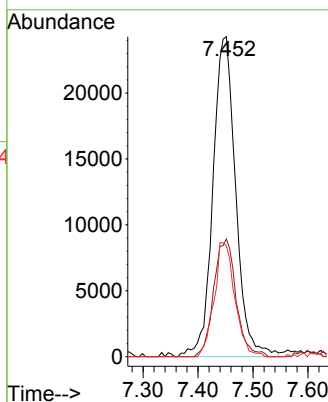
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	69927
Ion Ratio	Lower	Upper	
42	100		
72	36.0	46.5	69.7#
71	32.5	44.5	66.7#



#30

Chloroform

Concen: 19.915 ug/l

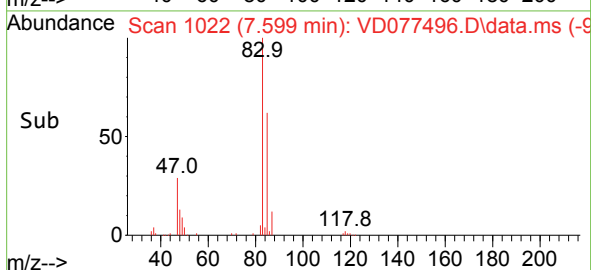
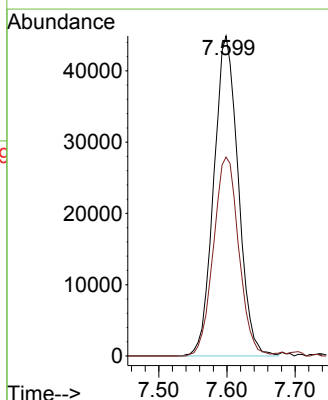
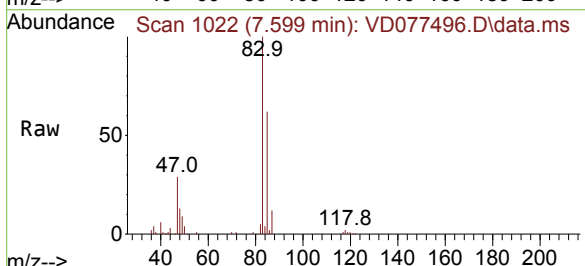
RT: 7.599 min Scan# 1022

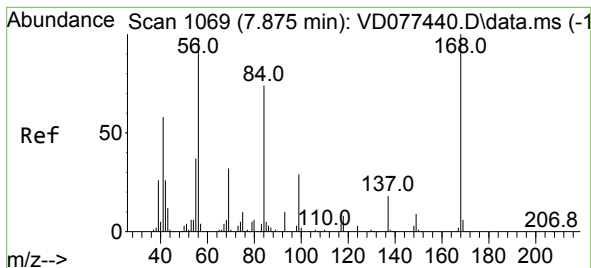
Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Tgt Ion:	83	Resp:	111860
Ion Ratio	Lower	Upper	
83	100		
85	62.1	53.4	80.2





#31

Cyclohexane

Concen: 18.150 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. 0.006 min

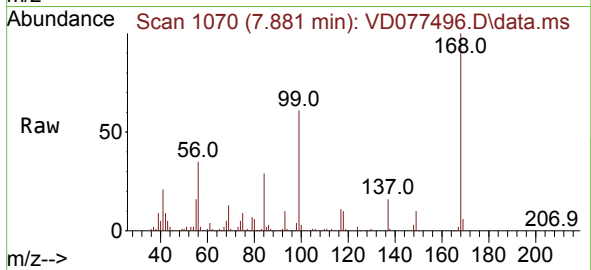
Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :



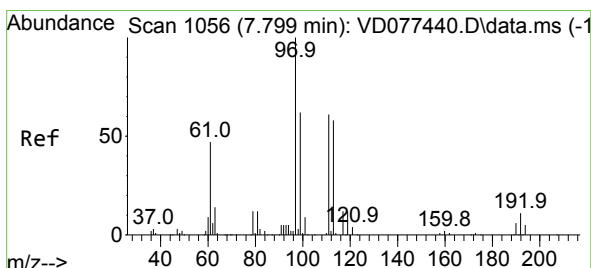
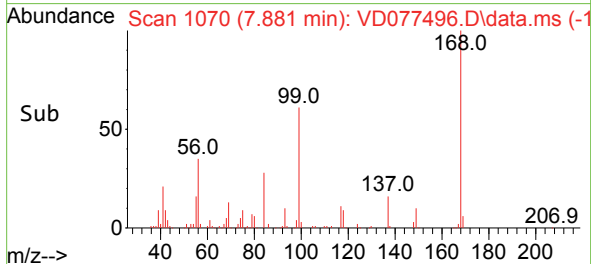
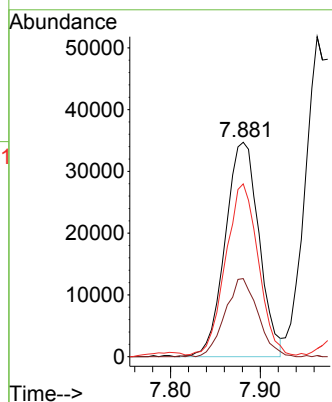
Tgt Ion: 56 Resp: 90798

Ion Ratio Lower Upper

56 100

69 35.9 28.6 43.0

84 78.9 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 19.861 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

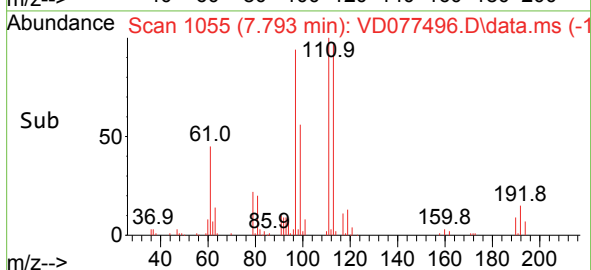
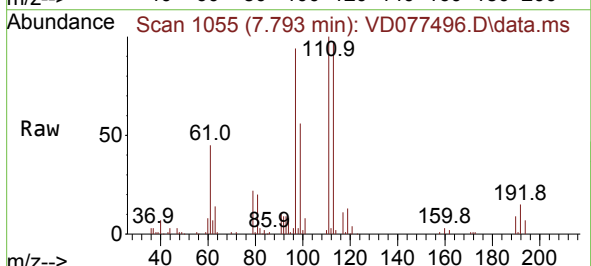
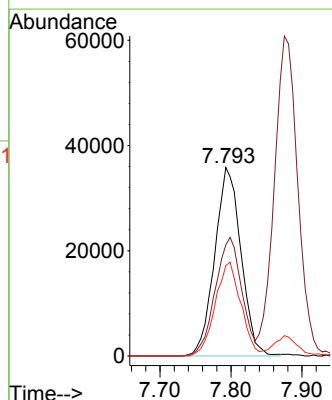
Tgt Ion: 97 Resp: 91912

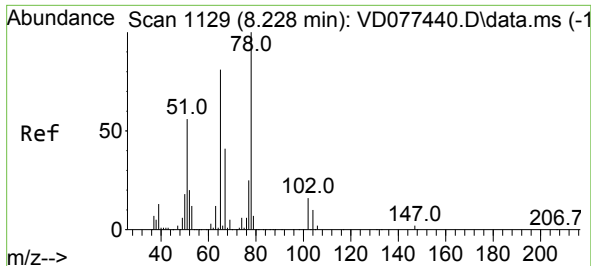
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

61 48.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.331 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

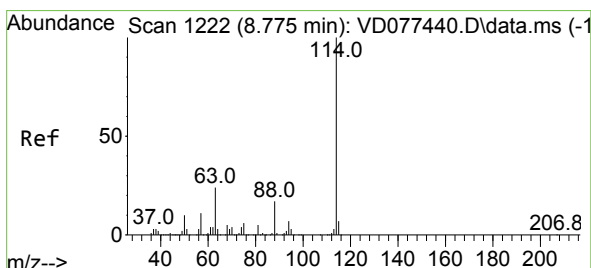
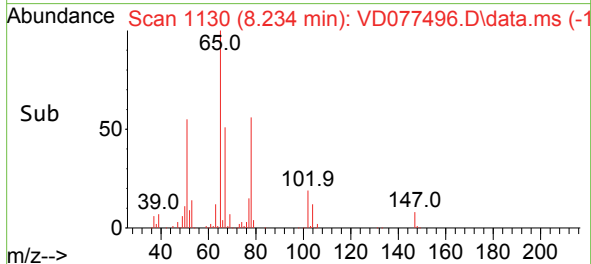
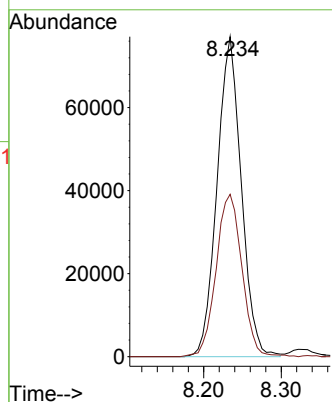
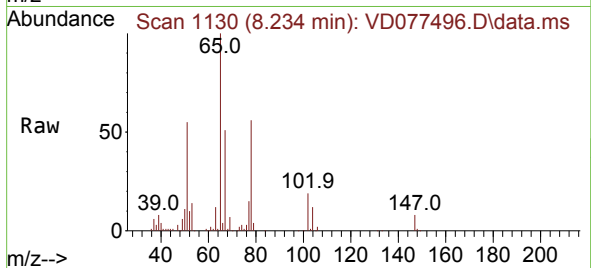
ClientSampleId :

Tgt Ion: 65 Resp: 167472

Ion Ratio Lower Upper

65 100

67 54.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

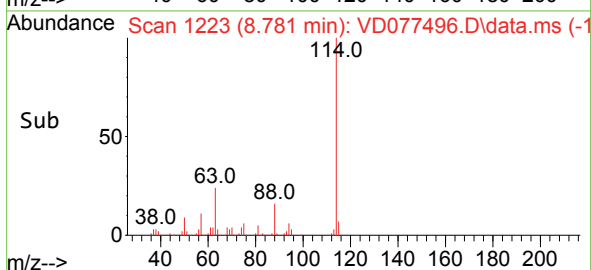
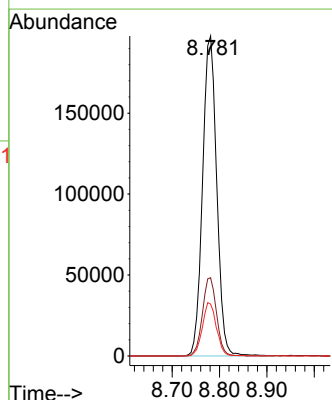
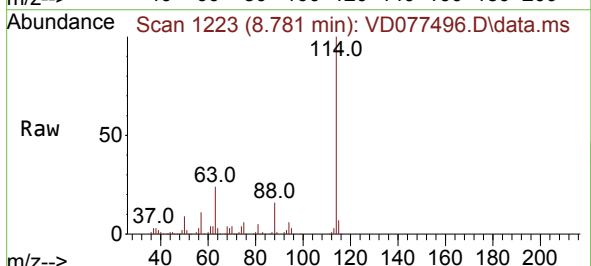
Tgt Ion: 114 Resp: 408830

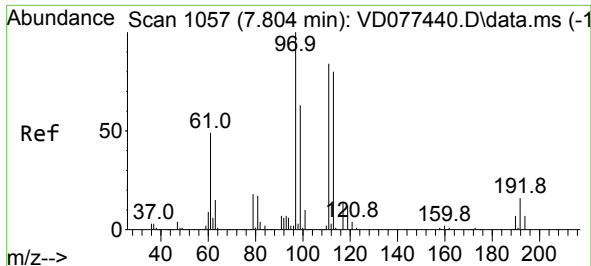
Ion Ratio Lower Upper

114 100

63 24.5 0.0 33.4

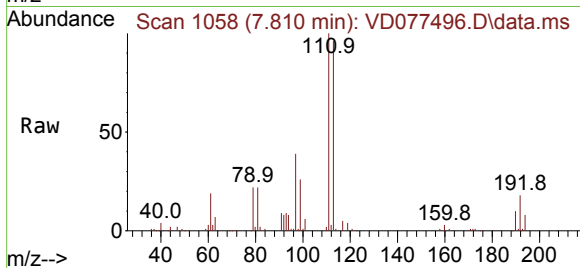
88 16.2 0.0 26.2



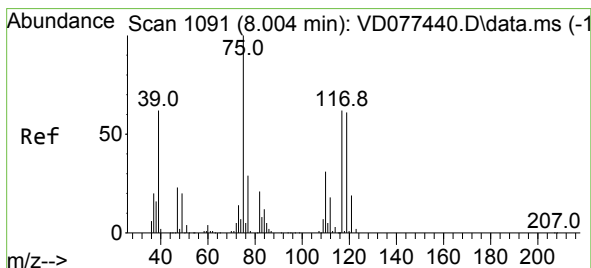
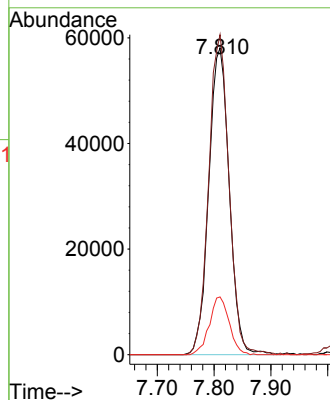
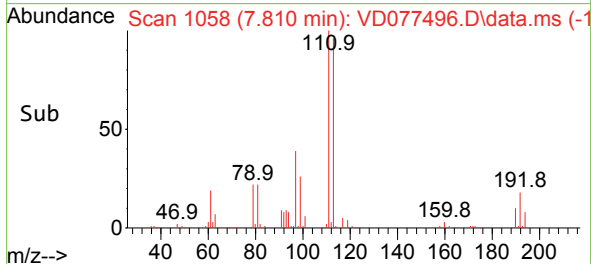


#35
Dibromofluoromethane
Concen: 51.503 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

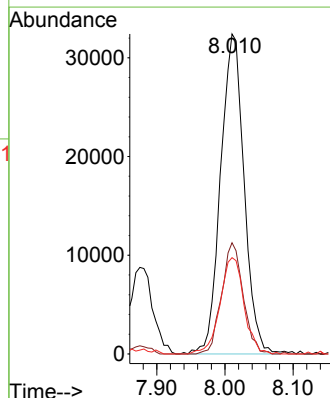
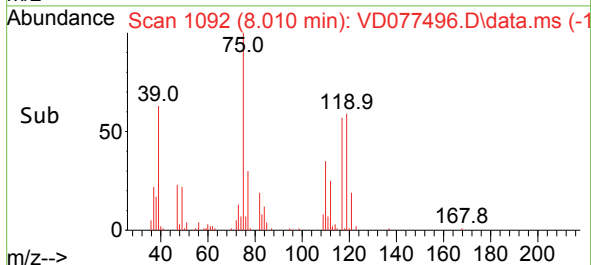
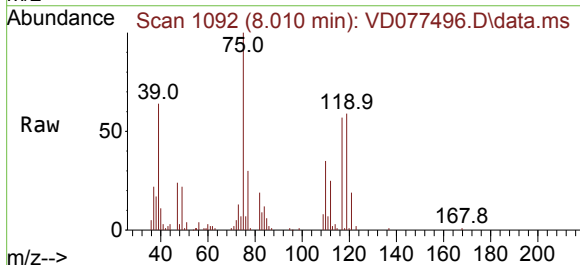


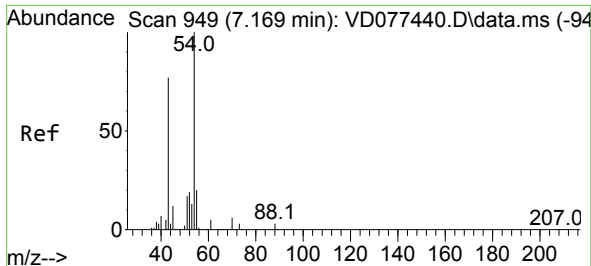
Tgt Ion:113 Resp: 145532
Ion Ratio Lower Upper
113 100
111 103.4 84.7 127.1
192 18.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.580 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

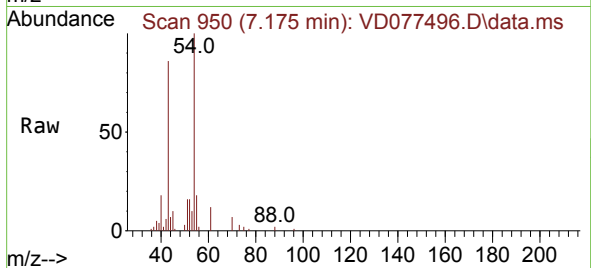
Tgt Ion: 75 Resp: 77842
Ion Ratio Lower Upper
75 100
110 31.8 19.9 59.6
77 30.7 24.7 37.1



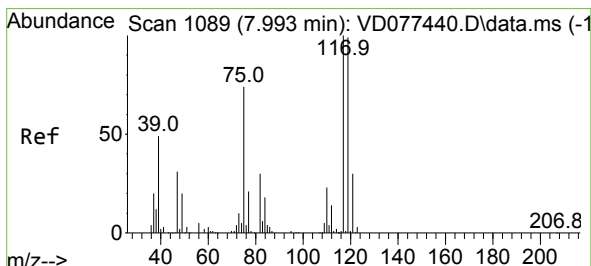
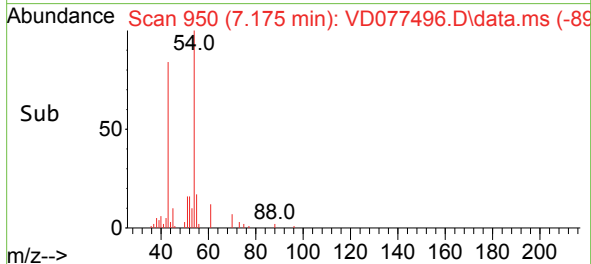
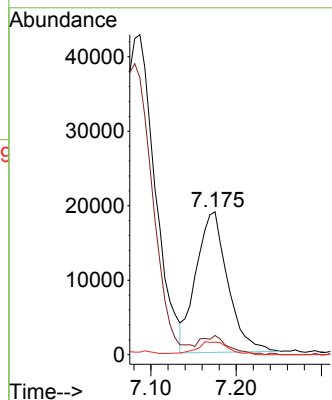


#37
Ethyl Acetate
Concen: 20.242 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

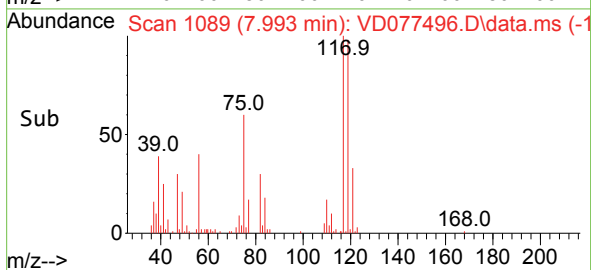
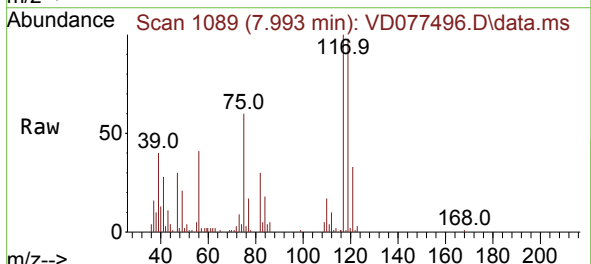
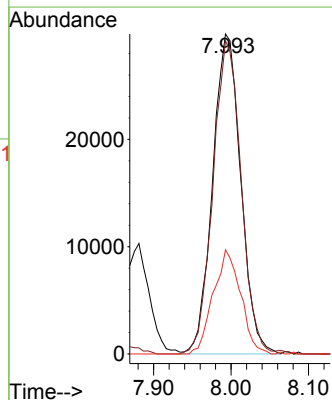


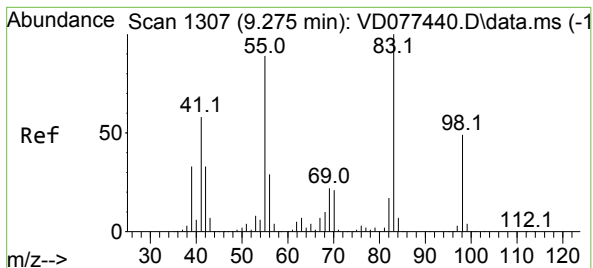
Tgt Ion: 43 Resp: 48668
Ion Ratio Lower Upper
43 100
61 11.4 14.9 22.3#
70 9.4 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 19.103 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 117 Resp: 75415
Ion Ratio Lower Upper
117 100
119 97.9 78.0 117.0
121 32.6 24.2 36.2





#39

Methylcyclohexane

Concen: 17.959 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

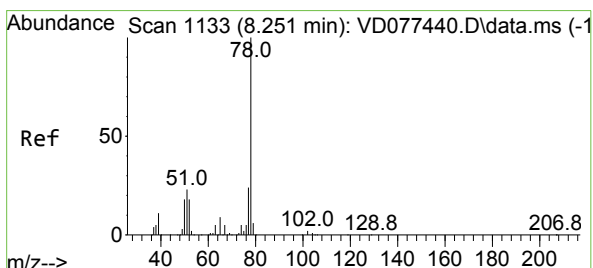
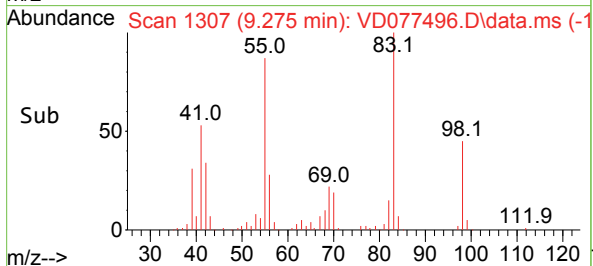
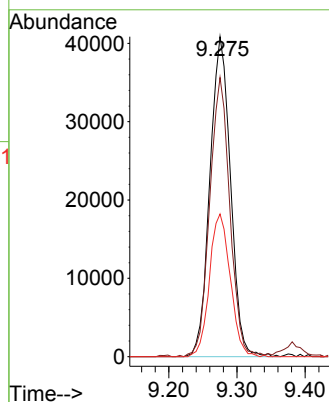
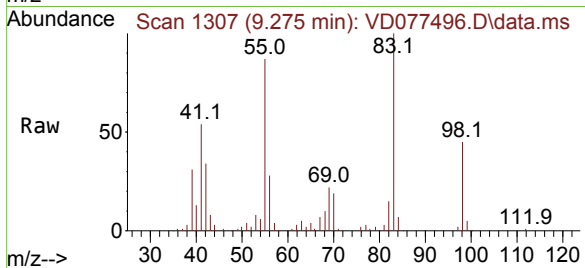
Tgt Ion: 83 Resp: 85847

Ion Ratio Lower Upper

83 100

55 86.9 49.4 74.0#

98 44.6 38.4 57.6



#40

Benzene

Concen: 19.542 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077496.D

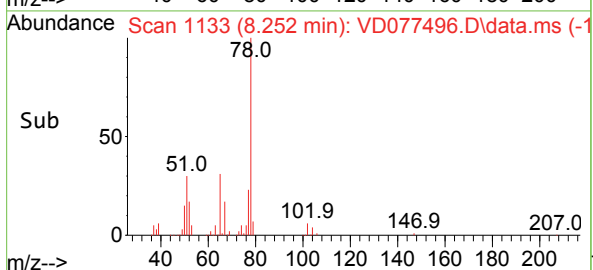
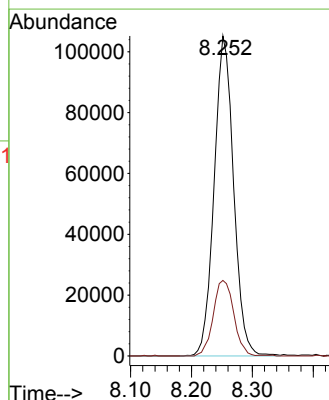
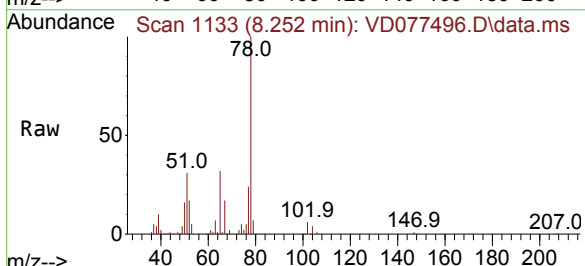
Acq: 03 Nov 2023 10:51

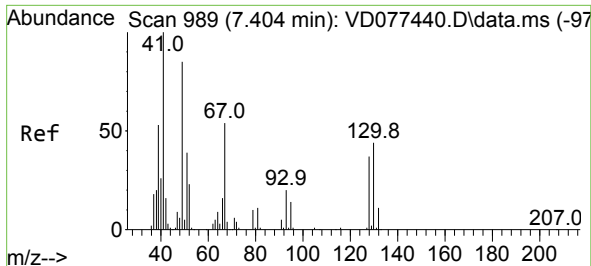
Tgt Ion: 78 Resp: 233458

Ion Ratio Lower Upper

78 100

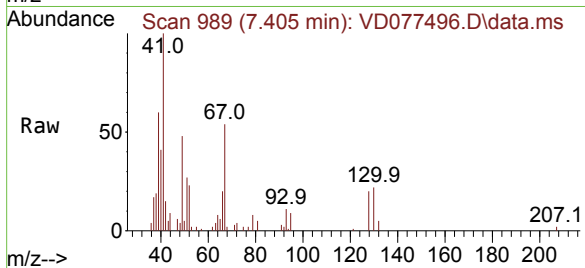
77 23.6 19.4 29.0



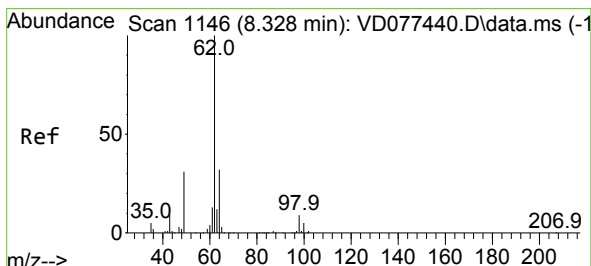
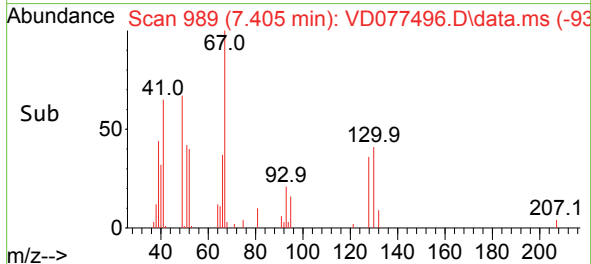
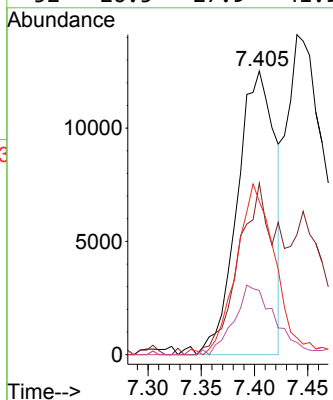


#41
Methacrylonitrile
Concen: 20.199 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

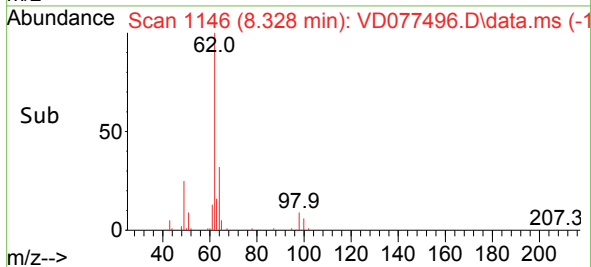
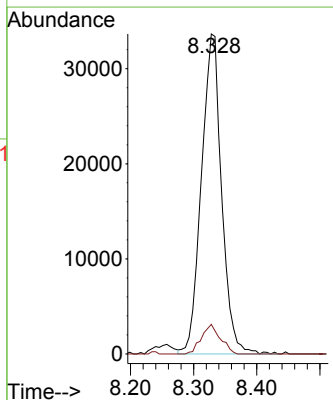
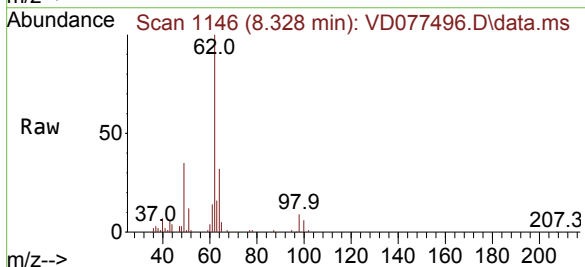


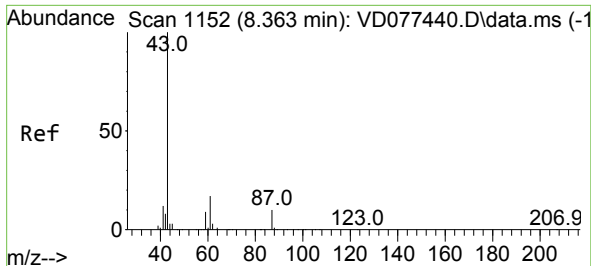
Tgt Ion: 41 Resp: 31075
Ion Ratio Lower Upper
41 100
39 61.3 34.0 51.0#
67 61.5 77.0 115.4#
52 26.5 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 19.779 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

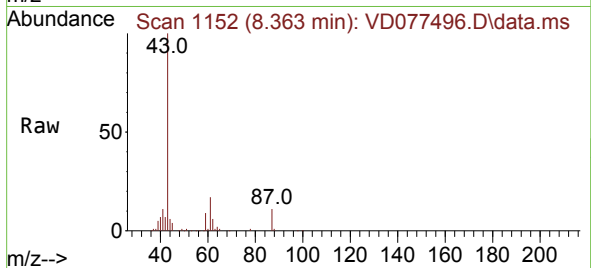
Tgt Ion: 62 Resp: 74838
Ion Ratio Lower Upper
62 100
98 8.7 0.0 25.4



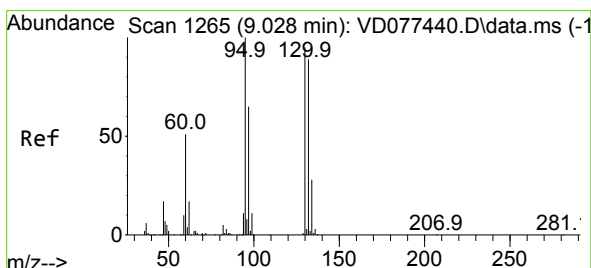
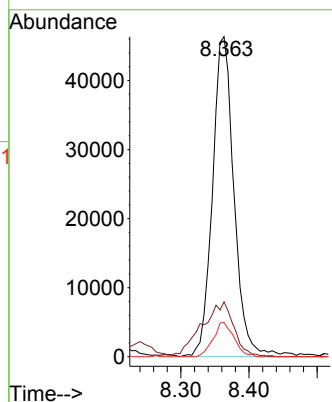
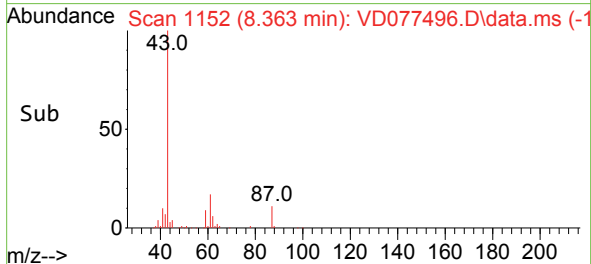


#43
Isopropyl Acetate
Concen: 20.497 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

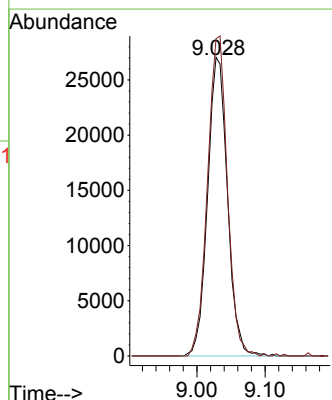
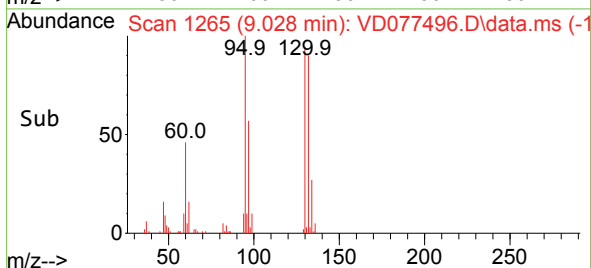
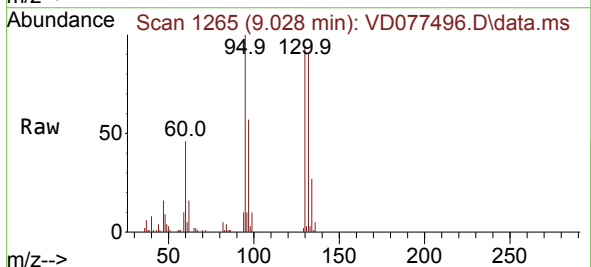


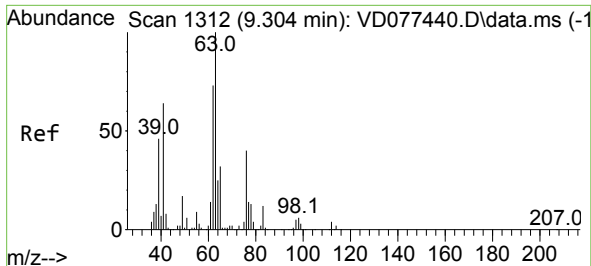
Tgt Ion: 43 Resp: 101699
Ion Ratio Lower Upper
43 100
61 25.4 31.4 47.0#
87 10.4 14.9 22.3#



#44
Trichloroethene
Concen: 18.733 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:130 Resp: 54818
Ion Ratio Lower Upper
130 100
95 106.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.267 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

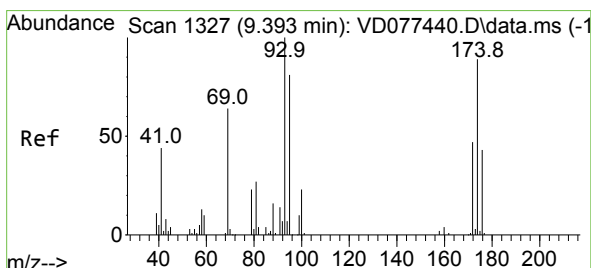
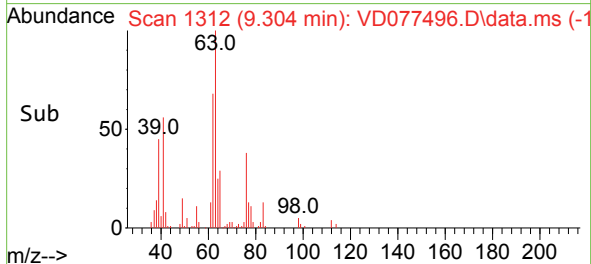
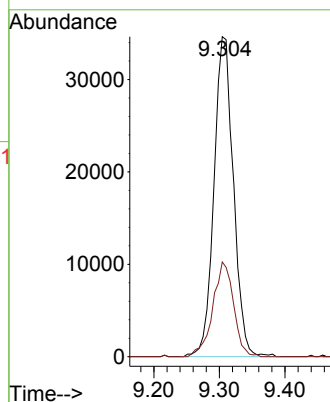
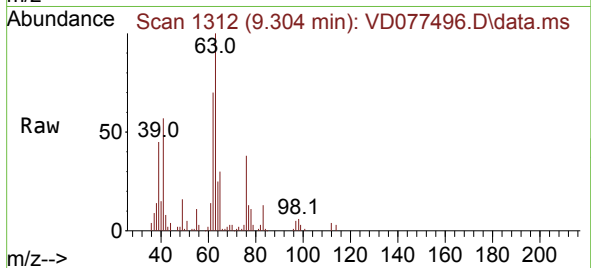
ClientSampleId :

Tgt Ion: 63 Resp: 71281

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 19.217 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

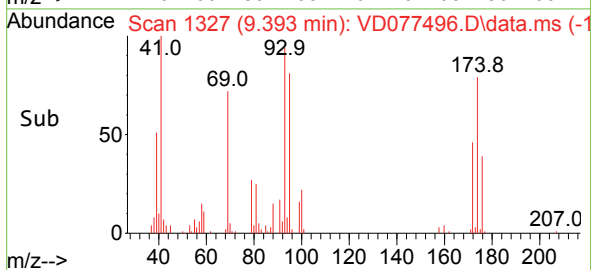
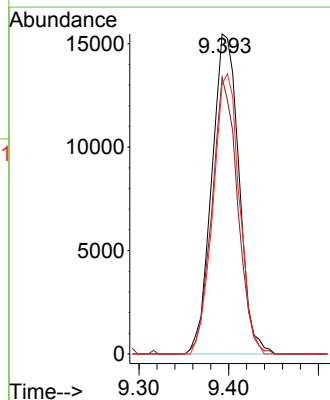
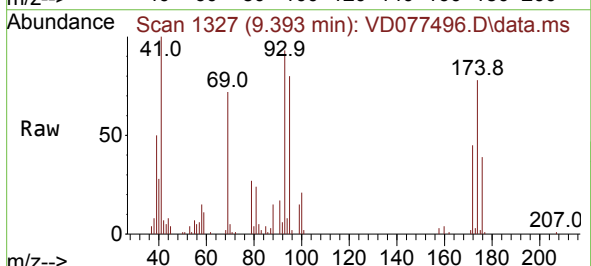
Tgt Ion: 93 Resp: 32526

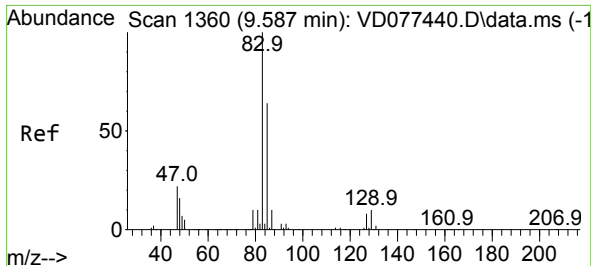
Ion Ratio Lower Upper

93 100

95 81.5 67.7 101.5

174 84.7 85.4 128.2#

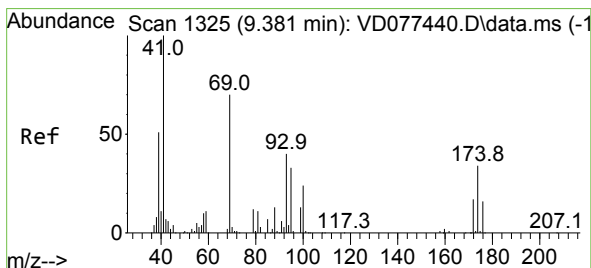
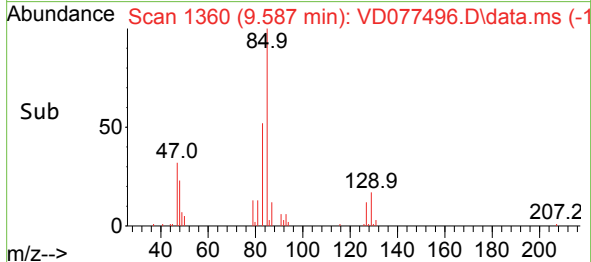
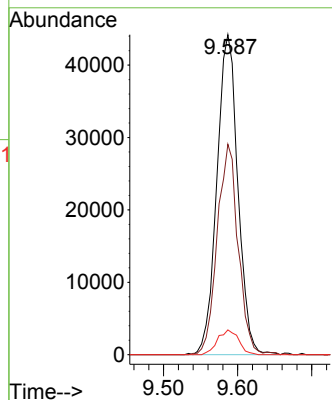
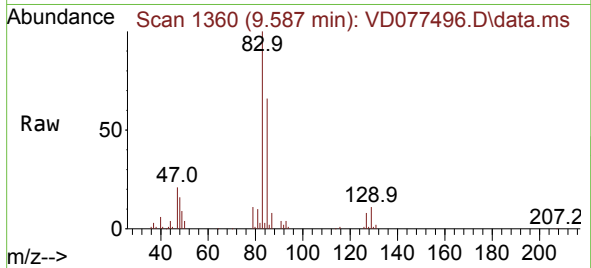




#47
Bromodichloromethane
Concen: 19.447 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

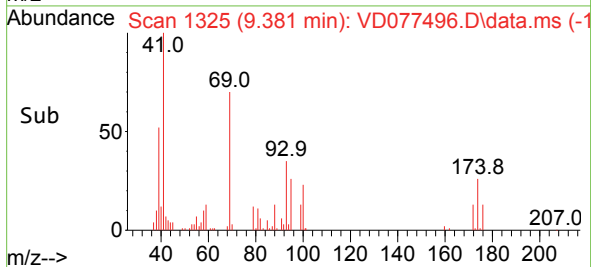
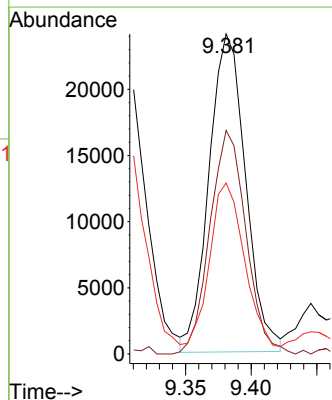
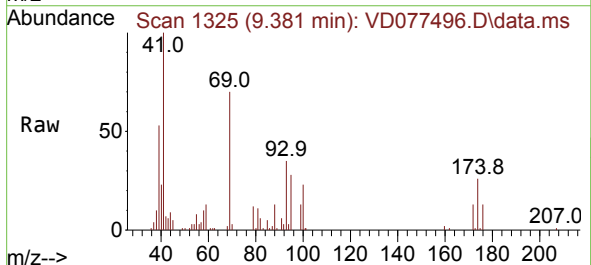
Instrument :
MSVOA_D
ClientSampleId :

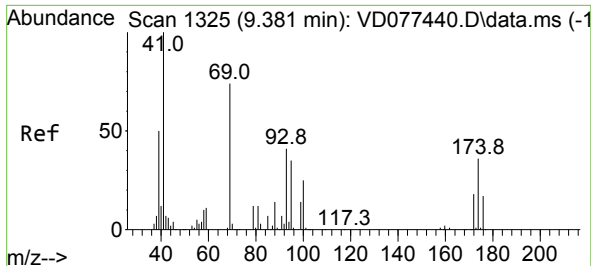
Tgt Ion: 83 Resp: 87000
Ion Ratio Lower Upper
83 100
85 65.7 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 19.695 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 41 Resp: 46646
Ion Ratio Lower Upper
41 100
69 69.4 102.2 153.2#
39 53.4 41.4 62.2





#49

1,4-Dioxane

Concen: 361.184 ug/l

RT: 9.387 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

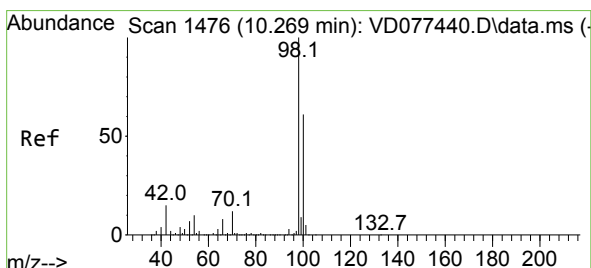
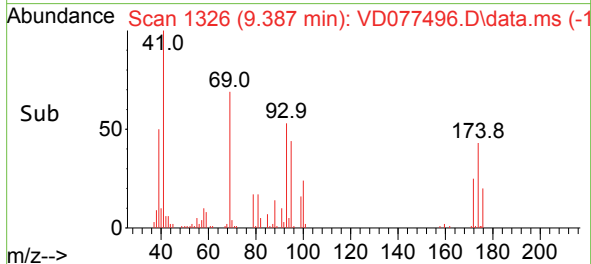
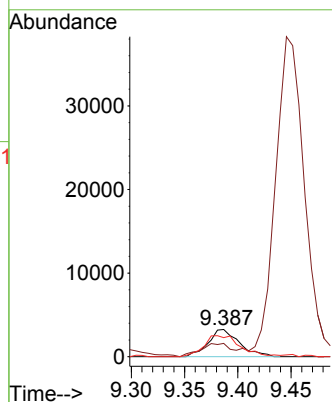
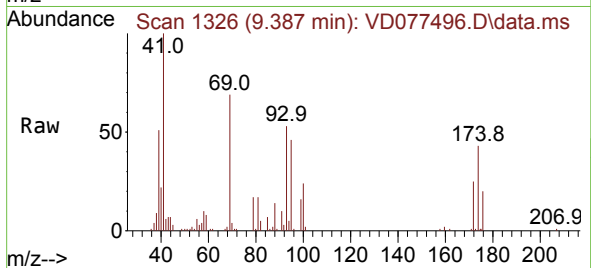
Tgt Ion: 88 Resp: 6569

Ion Ratio Lower Upper

88 100

43 47.7 19.0 28.6#

58 91.5 43.5 65.3#



#50

Toluene-d8

Concen: 53.772 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077496.D

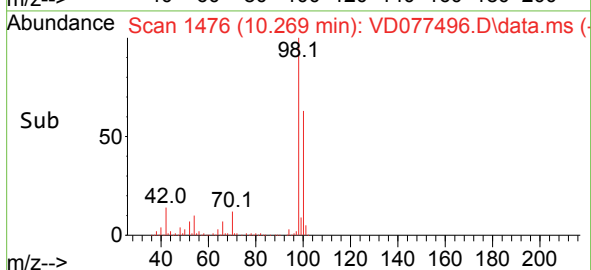
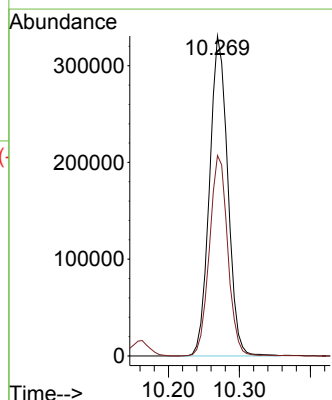
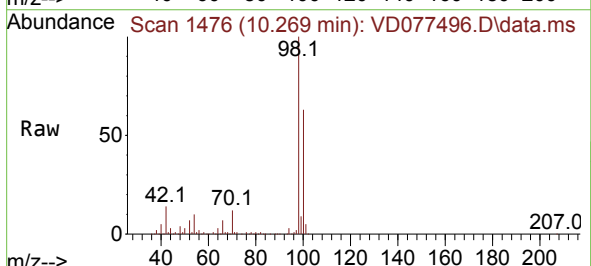
Acq: 03 Nov 2023 10:51

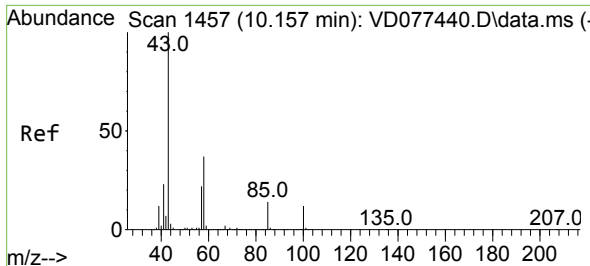
Tgt Ion: 98 Resp: 590183

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 101.652 ug/l

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

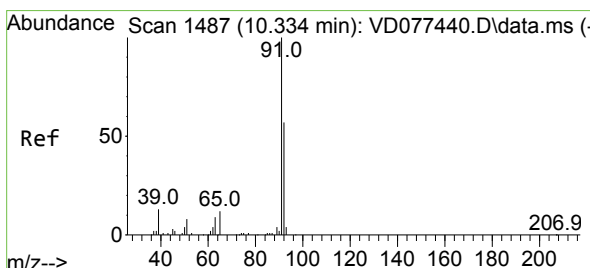
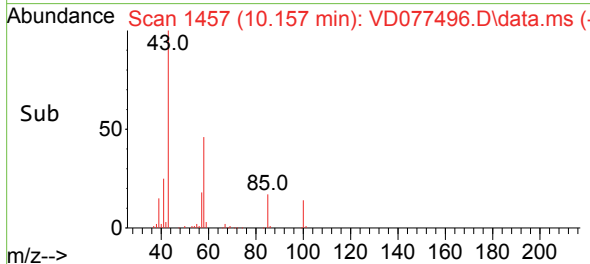
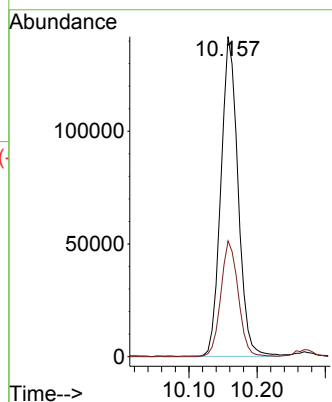
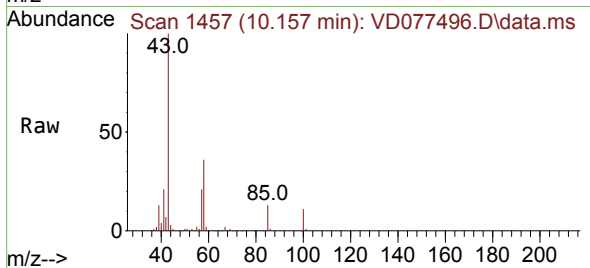
ClientSampleId :

Tgt Ion: 43 Resp: 248251

Ion Ratio Lower Upper

43 100

58 36.8 38.9 58.3#



#52

Toluene

Concen: 19.601 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD077496.D

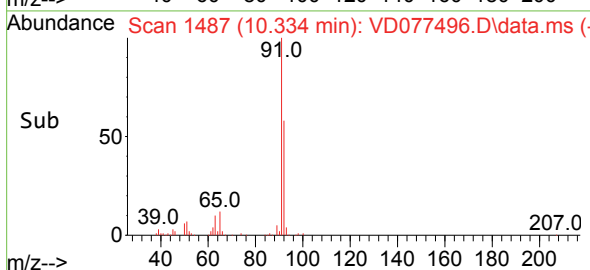
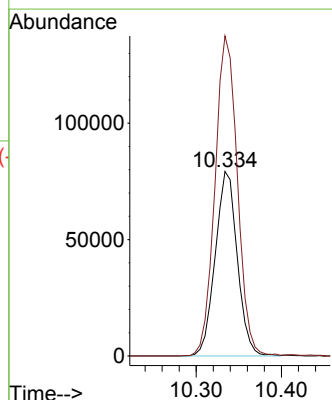
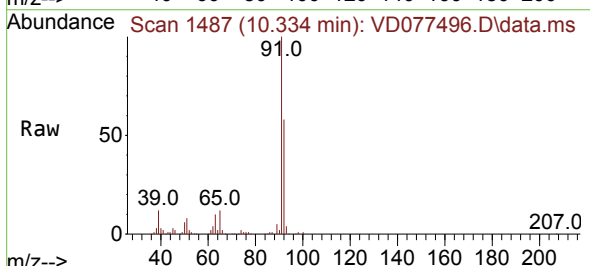
Acq: 03 Nov 2023 10:51

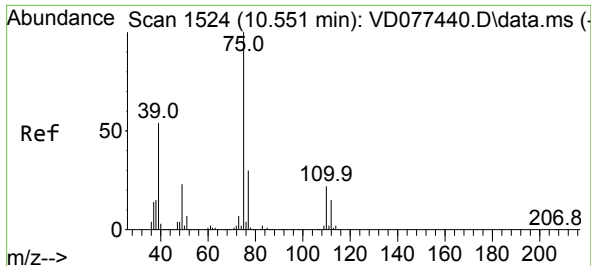
Tgt Ion: 92 Resp: 142749

Ion Ratio Lower Upper

92 100

91 176.4 143.0 214.4

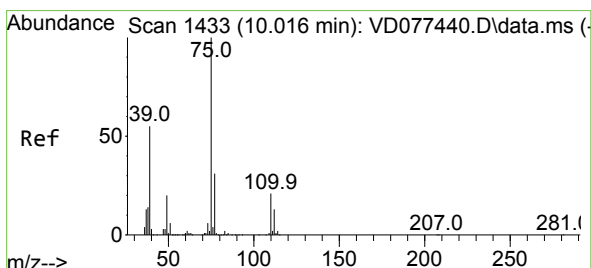
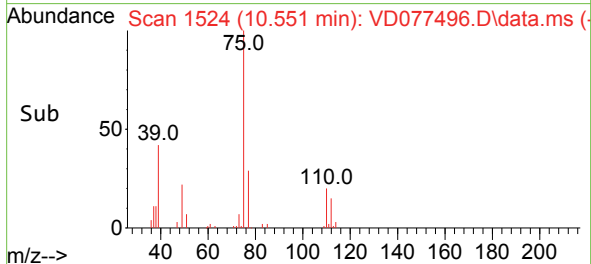
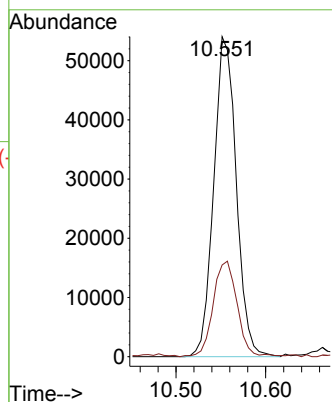
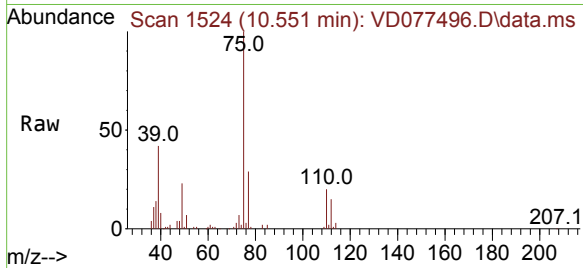




#53
t-1,3-Dichloropropene
Concen: 19.895 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

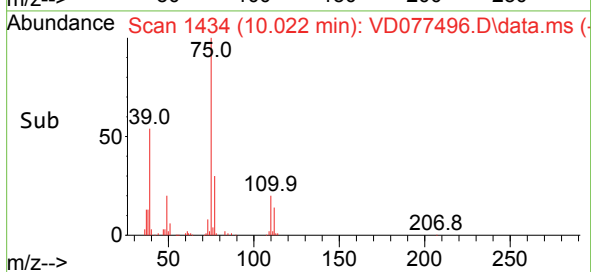
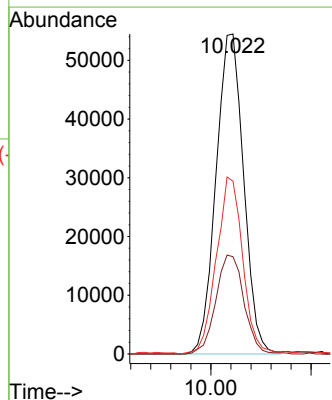
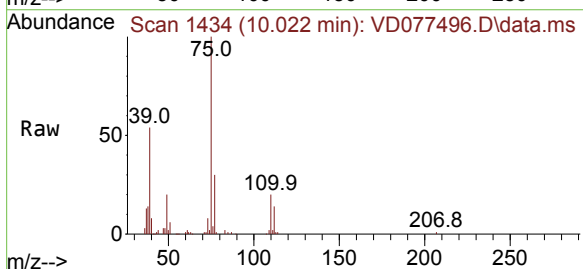
Instrument :
MSVOA_D
ClientSampleId :

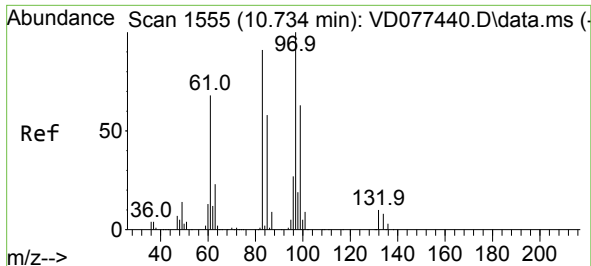
Tgt Ion: 75 Resp: 94246
Ion Ratio Lower Upper
75 100
77 28.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.085 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

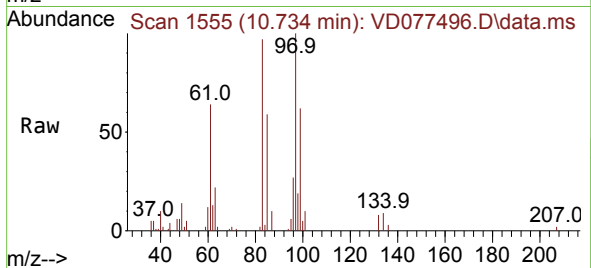
Tgt Ion: 75 Resp: 104041
Ion Ratio Lower Upper
75 100
77 30.4 25.5 38.3
39 54.0 22.1 33.1#



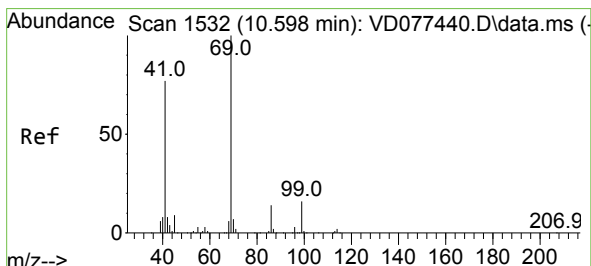
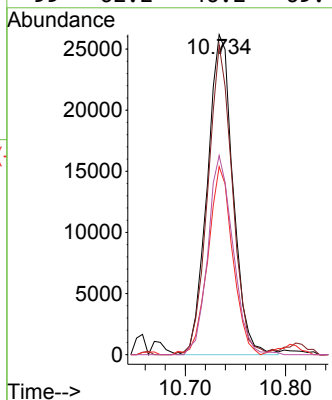
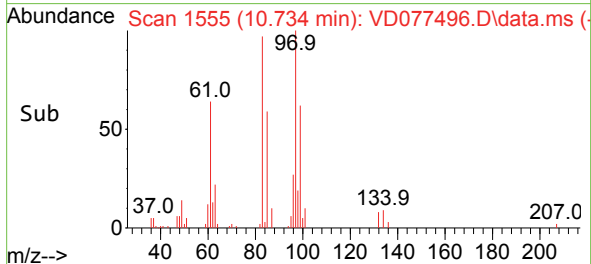


#55
1,1,2-Trichloroethane
Concen: 20.725 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

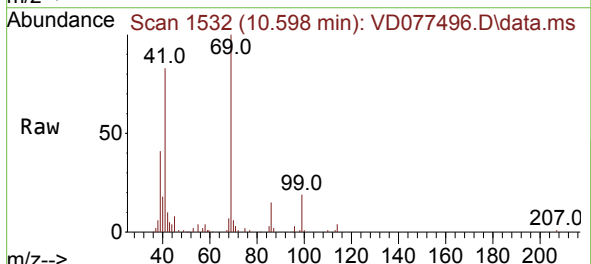
Instrument :
MSVOA_D
ClientSampleId :



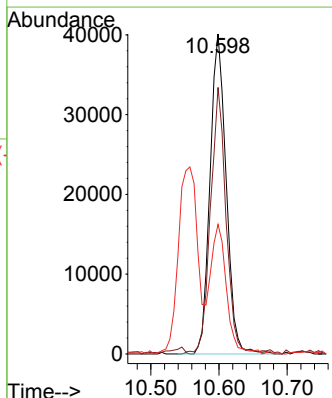
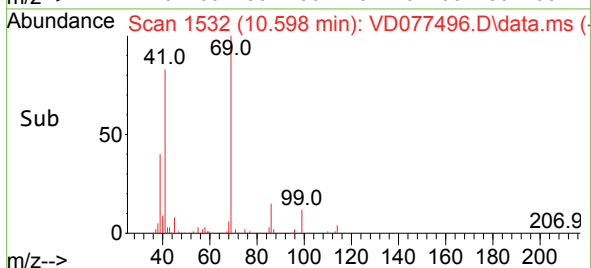
Tgt Ion:	97	Resp:	46802
Ion	Ratio	Lower	Upper
97	100		
83	96.1	65.8	98.6
85	57.7	45.7	68.5
99	62.2	46.2	69.4

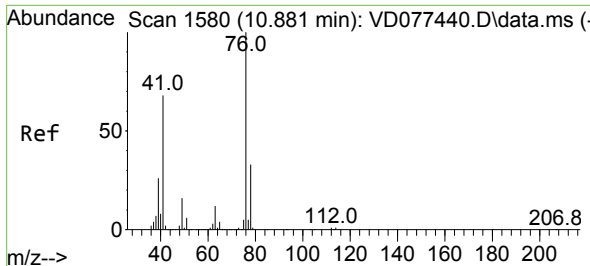


#56
Ethyl methacrylate
Concen: 19.710 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51



Tgt Ion:	69	Resp:	66177
Ion	Ratio	Lower	Upper
69	100		
41	77.5	39.1	58.7#
39	37.7	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.950 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

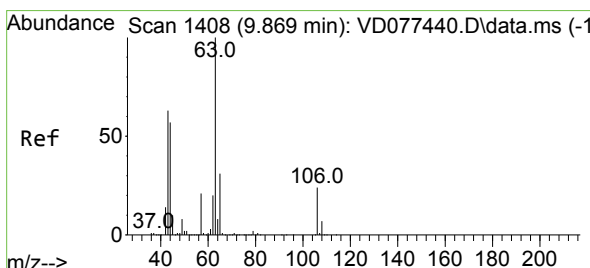
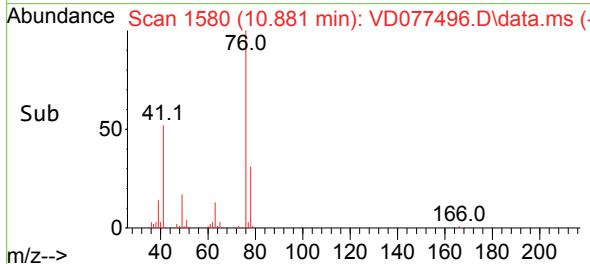
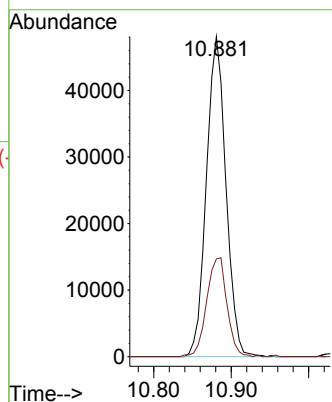
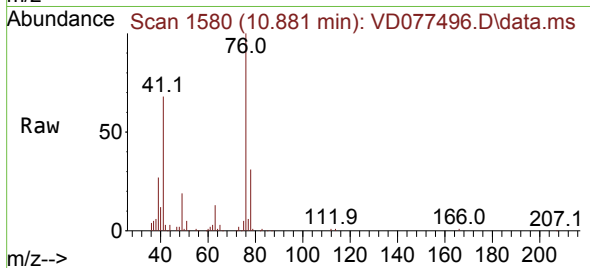
ClientSampleId :

Tgt Ion: 76 Resp: 84208

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 88.203 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077496.D

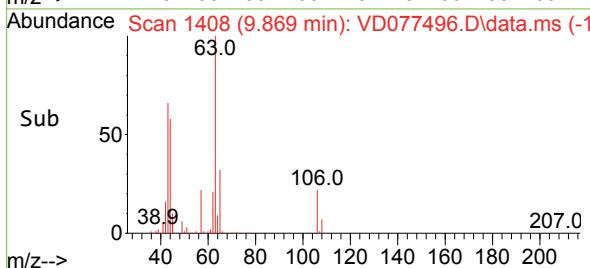
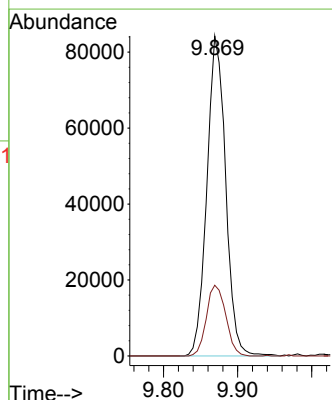
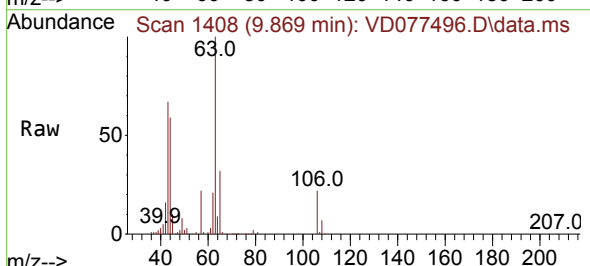
Acq: 03 Nov 2023 10:51

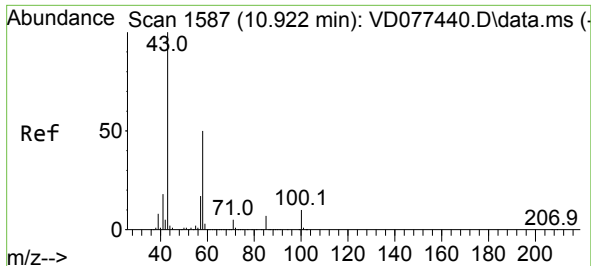
Tgt Ion: 63 Resp: 148259

Ion Ratio Lower Upper

63 100

106 22.7 25.3 37.9

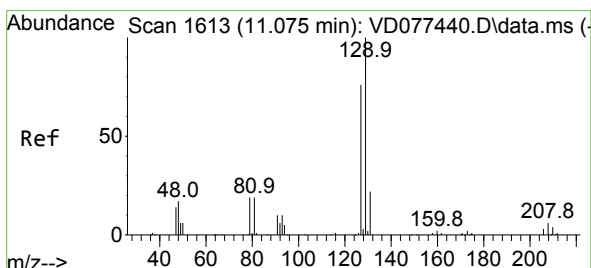
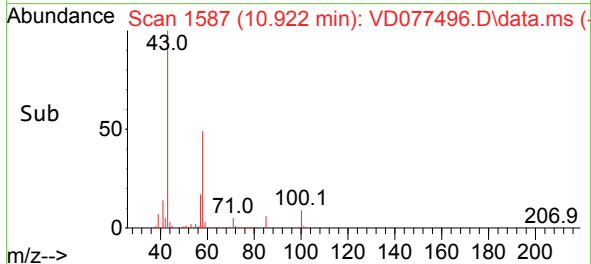
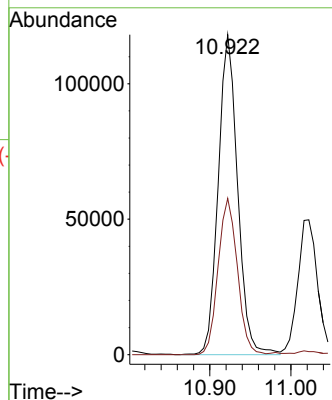
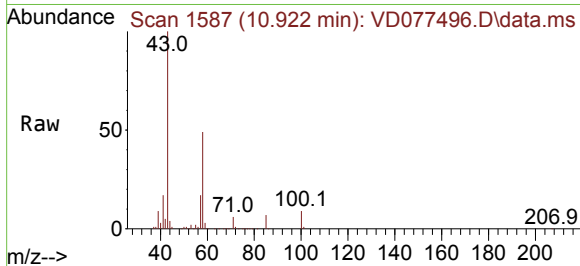




#59
2-Hexanone
Concen: 109.098 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

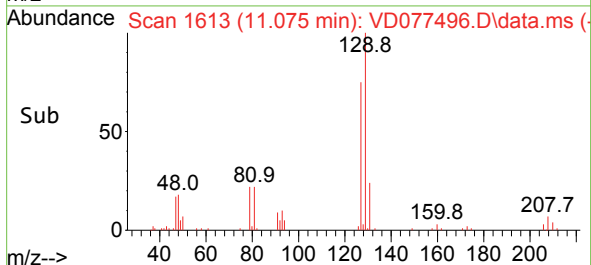
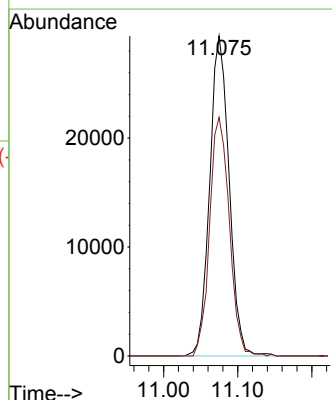
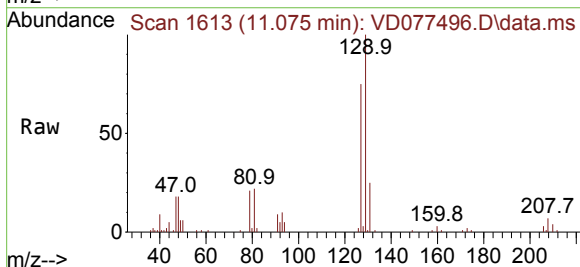
Instrument :
MSVOA_D
ClientSampleId :

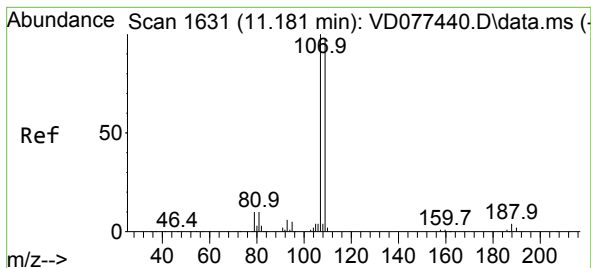
Tgt Ion: 43 Resp: 196275
Ion Ratio Lower Upper
43 100
58 48.6 34.1 102.2



#60
Dibromochloromethane
Concen: 19.742 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 129 Resp: 53606
Ion Ratio Lower Upper
129 100
127 75.6 37.1 111.5

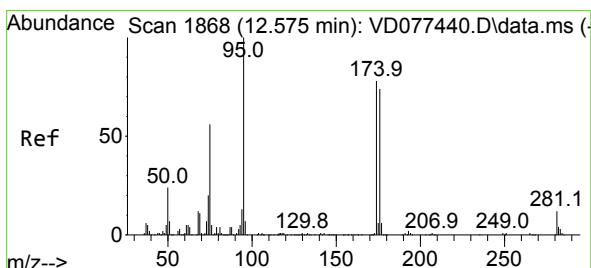
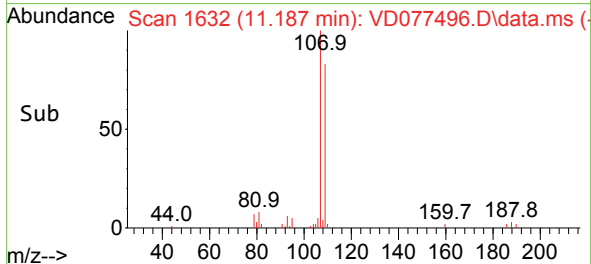
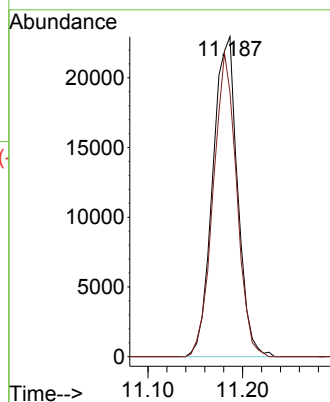
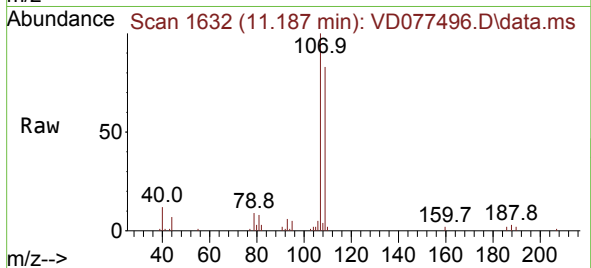




#61
1,2-Dibromoethane
Concen: 19.530 ug/l
RT: 11.187 min Scan# 1
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

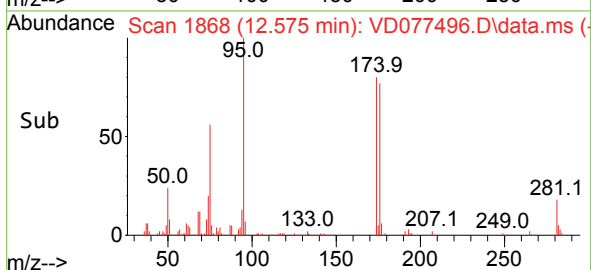
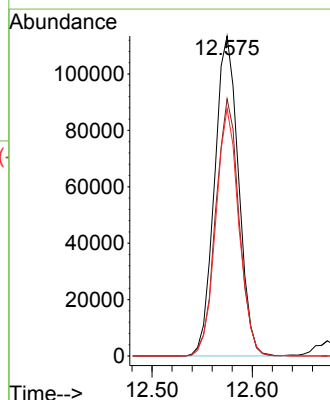
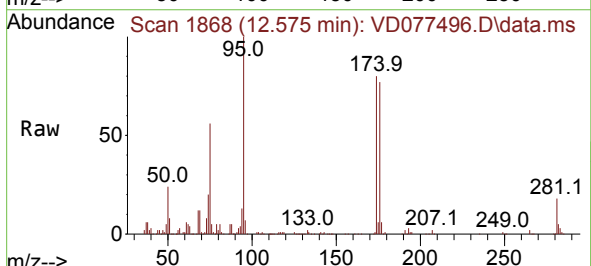
Instrument :
MSVOA_D
ClientSampleId :

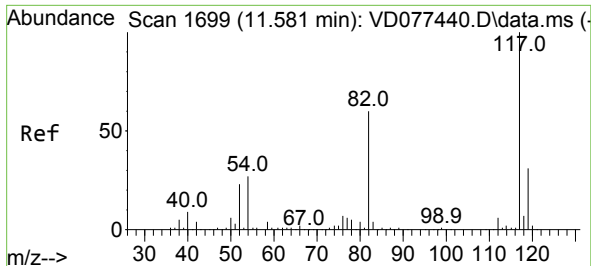
Tgt Ion:107 Resp: 41765
Ion Ratio Lower Upper
107 100
109 89.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.753 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 95 Resp: 187616
Ion Ratio Lower Upper
95 100
174 78.1 0.0 201.8
176 74.6 0.0 191.8

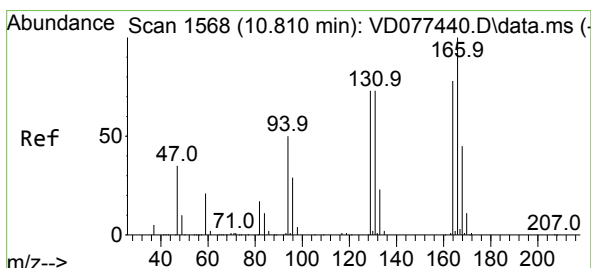
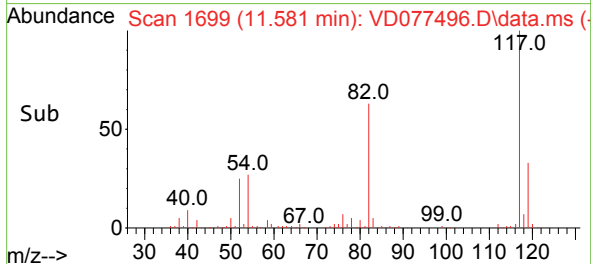
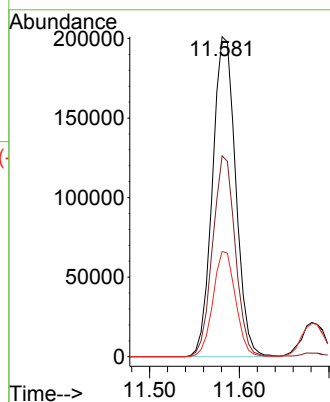
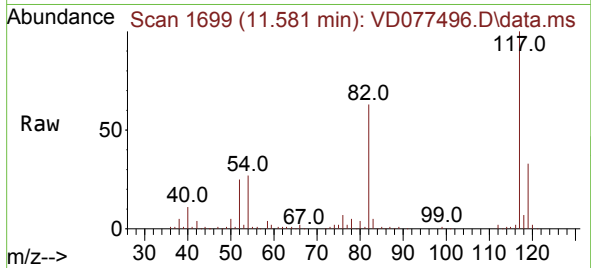




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

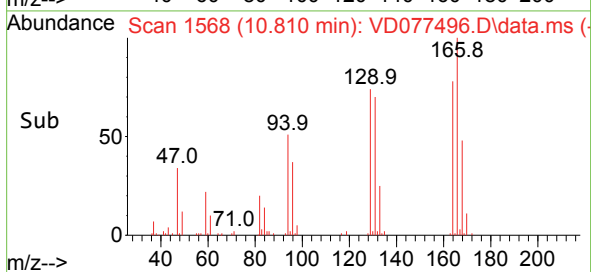
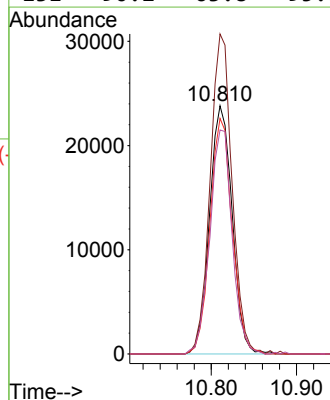
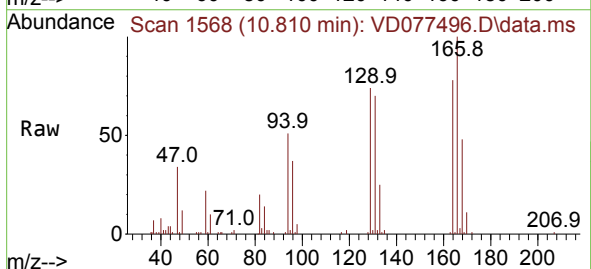
Instrument :
MSVOA_D
ClientSampleId :

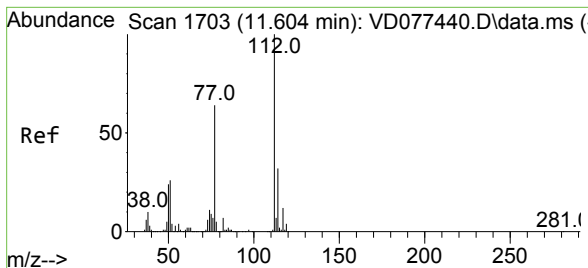
Tgt Ion:117 Resp: 361324
Ion Ratio Lower Upper
117 100
82 62.8 38.3 57.5#
119 32.9 25.0 37.4



#64
Tetrachloroethene
Concen: 19.070 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:164 Resp: 43870
Ion Ratio Lower Upper
164 100
166 128.9 99.2 148.8
129 94.9 68.4 102.6
131 90.2 63.8 95.8





#65

Chlorobenzene

Concen: 20.031 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

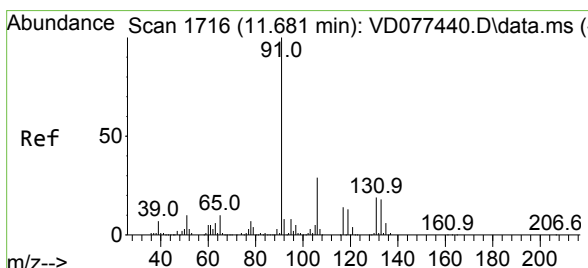
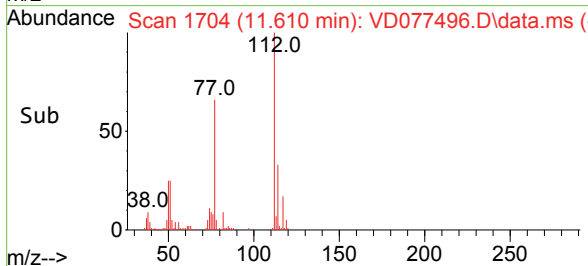
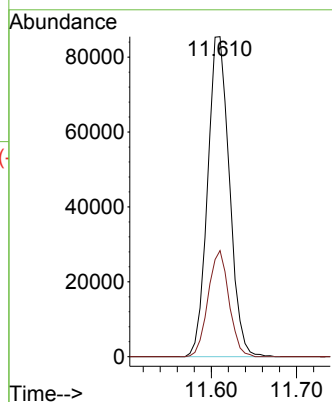
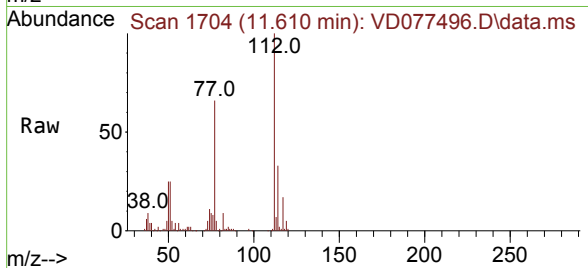
ClientSampleId :

Tgt Ion:112 Resp: 151627

Ion Ratio Lower Upper

112 100

114 33.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.633 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

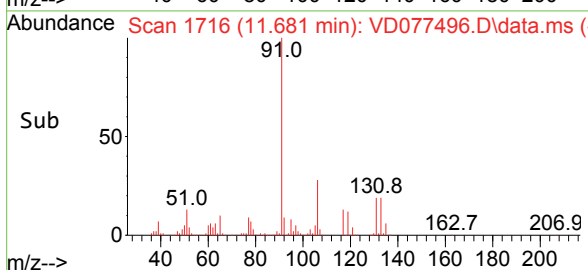
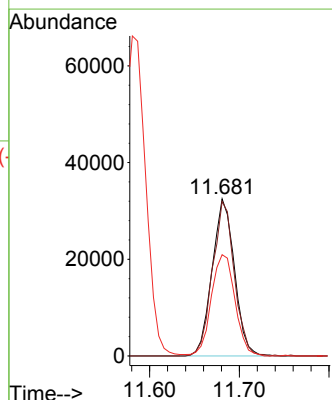
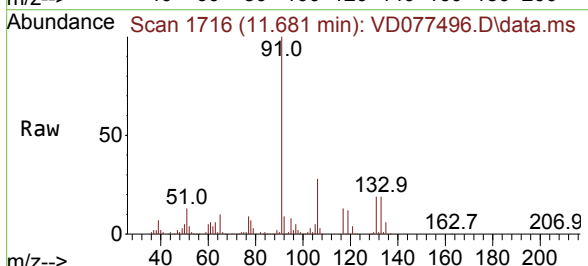
Tgt Ion:131 Resp: 56161

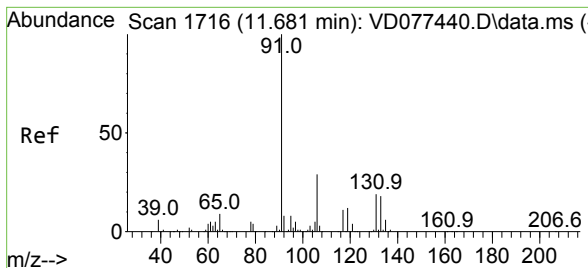
Ion Ratio Lower Upper

131 100

133 96.3 48.5 145.5

119 68.6 35.6 106.9





#67

Ethyl Benzene

Concen: 20.221 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

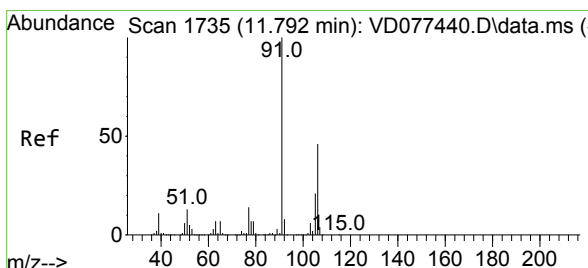
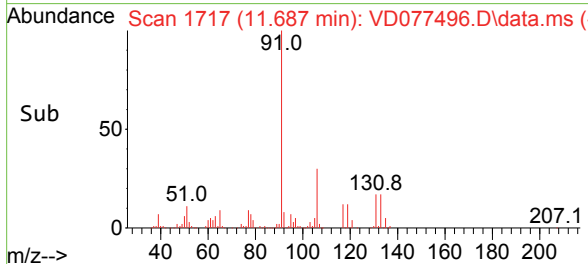
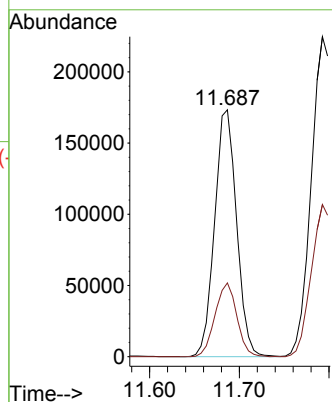
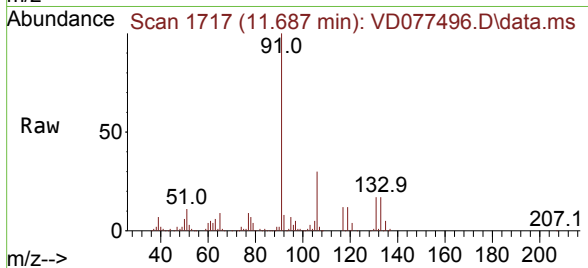
ClientSampleId :

Tgt Ion: 91 Resp: 294515

Ion Ratio Lower Upper

91 100

106 29.9 26.5 39.7



#68

m/p-Xylenes

Concen: 39.330 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077496.D

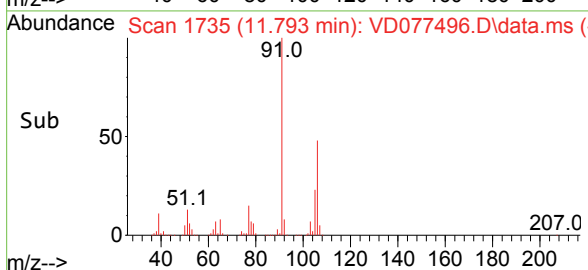
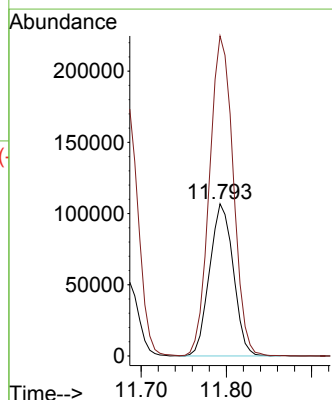
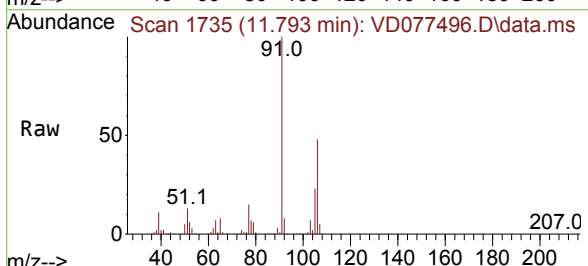
Acq: 03 Nov 2023 10:51

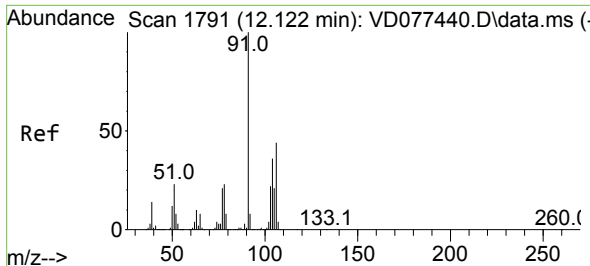
Tgt Ion:106 Resp: 206855

Ion Ratio Lower Upper

106 100

91 210.7 147.0 220.6

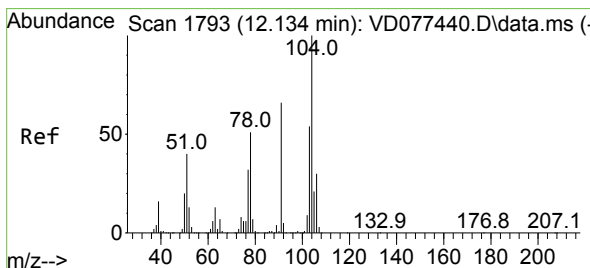
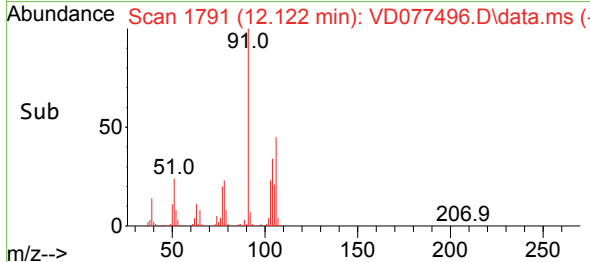
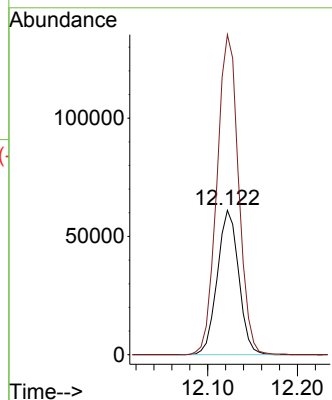
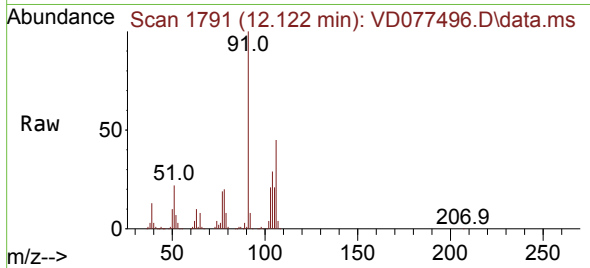




#69
o-Xylene
Concen: 20.088 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

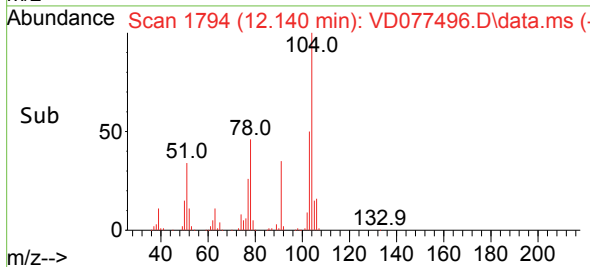
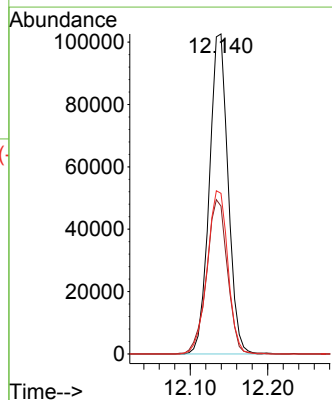
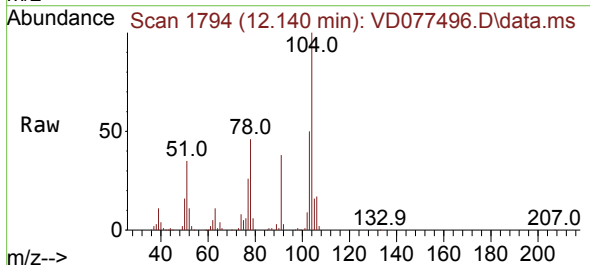
Instrument :
MSVOA_D
ClientSampleId :

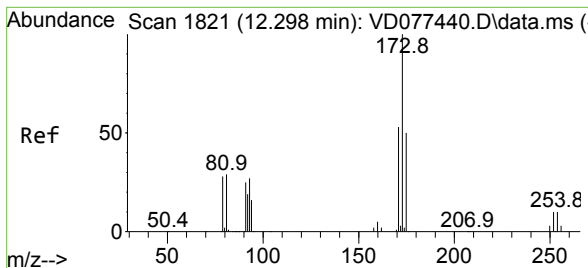
Tgt Ion:106 Resp: 101200
Ion Ratio Lower Upper
106 100
91 224.5 97.9 293.6



#70
Styrene
Concen: 19.855 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:104 Resp: 172562
Ion Ratio Lower Upper
104 100
78 53.2 33.2 49.8#
103 56.4 43.6 65.4





#71

Bromoform

Concen: 19.345 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

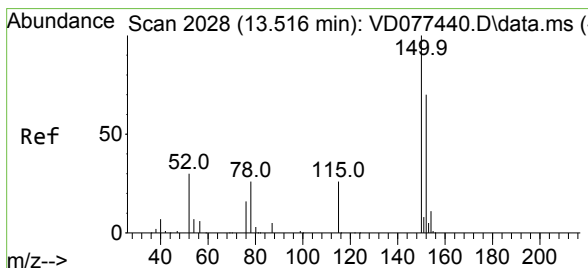
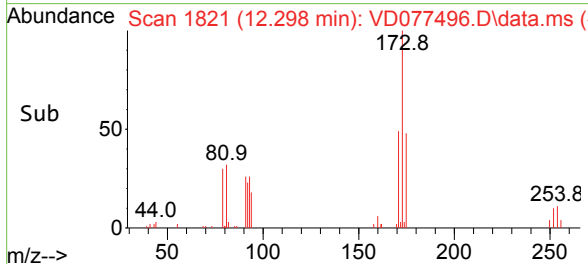
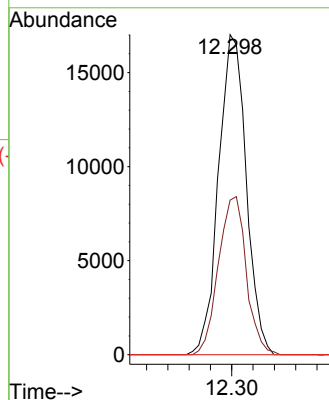
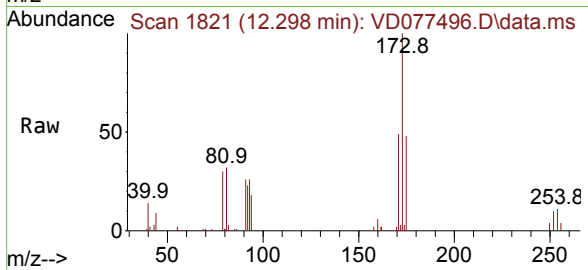
Tgt Ion:173 Resp: 30679

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: VD077496.D

Acq: 03 Nov 2023 10:51

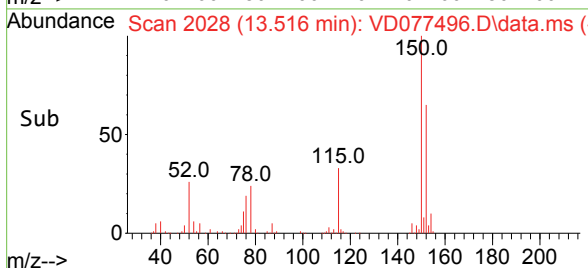
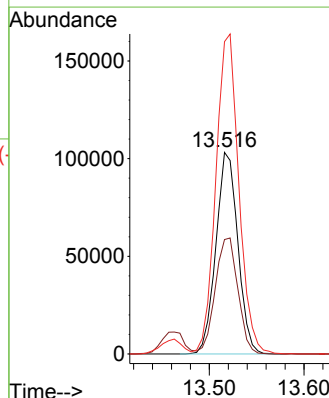
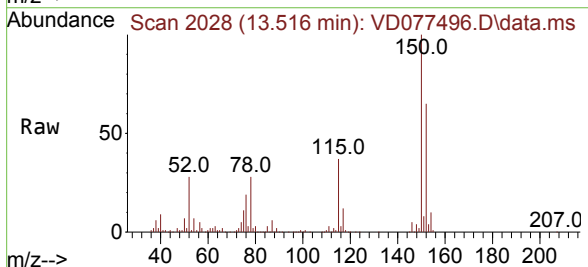
Tgt Ion:152 Resp: 166038

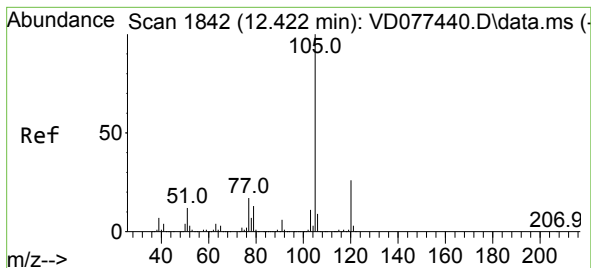
Ion Ratio Lower Upper

152 100

115 59.4 27.1 81.3

150 166.4 0.0 353.6





#73

Isopropylbenzene

Concen: 20.114 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

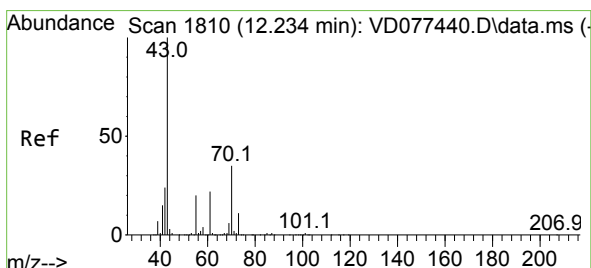
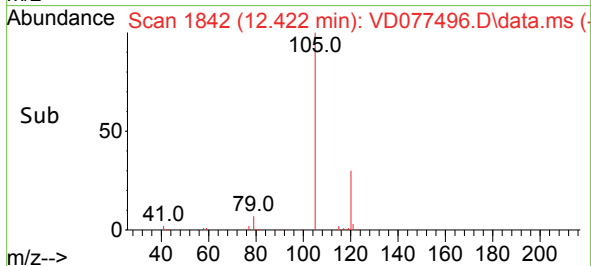
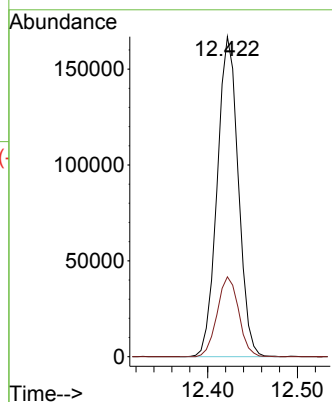
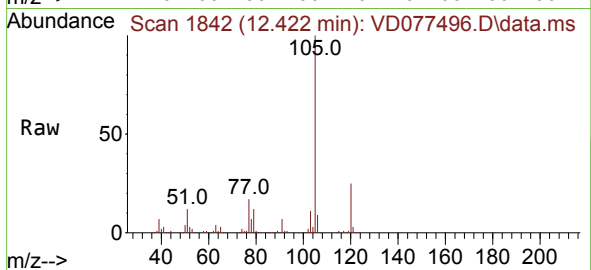
ClientSampleId :

Tgt Ion:105 Resp: 272289

Ion Ratio Lower Upper

105 100

120 25.4 14.3 42.9



#74

N-ethyl acetate

Concen: 19.250 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Tgt Ion: 43 Resp: 92301

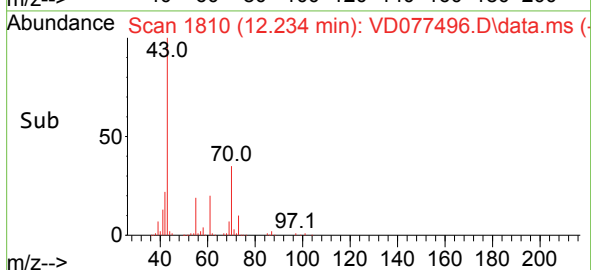
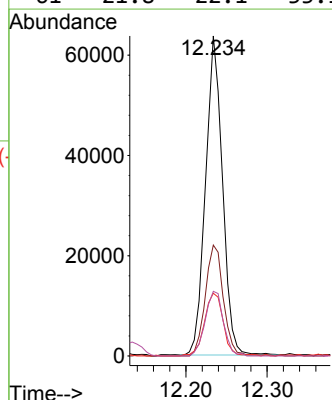
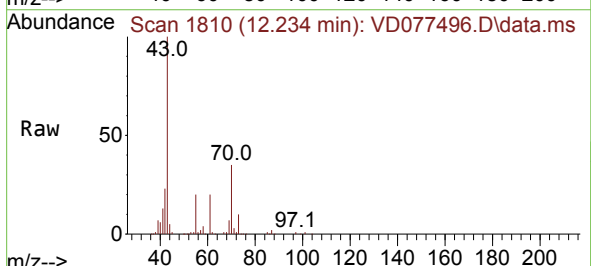
Ion Ratio Lower Upper

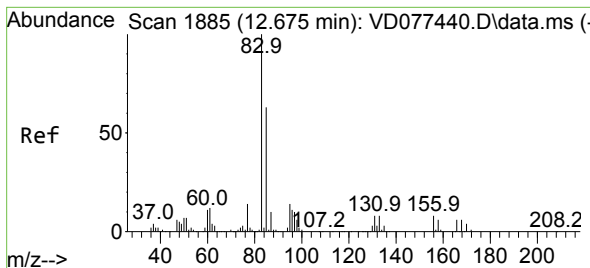
43 100

70 36.8 45.0 67.4#

55 21.9 23.8 35.6#

61 21.8 22.1 33.1#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.919 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

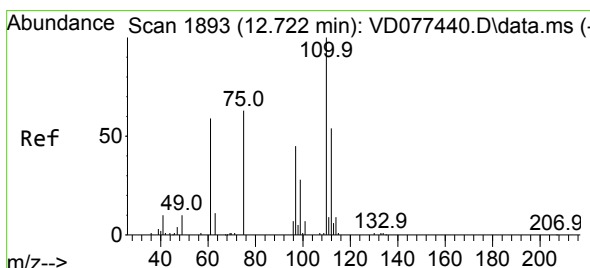
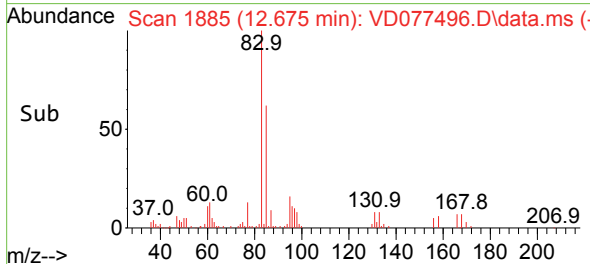
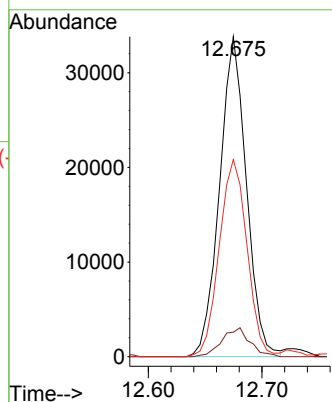
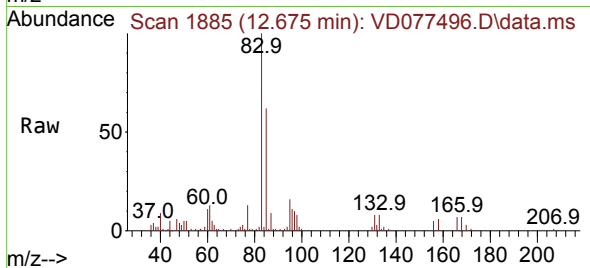
Tgt Ion: 83 Resp: 55511

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 63.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 36.518 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077496.D

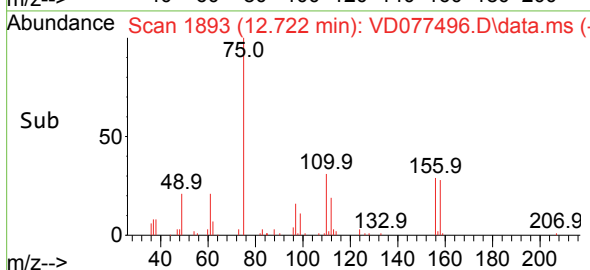
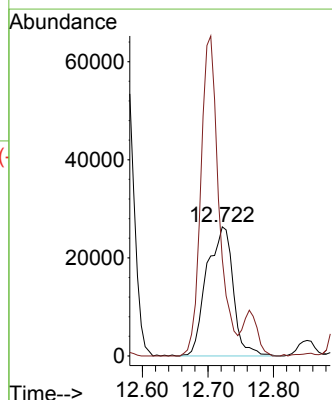
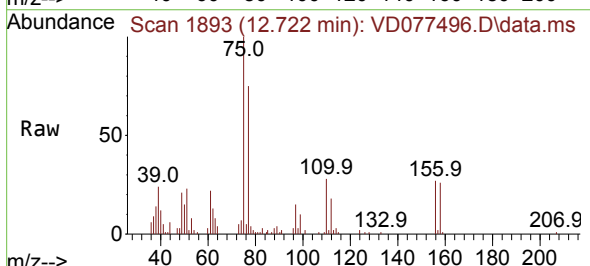
Acq: 03 Nov 2023 10:51

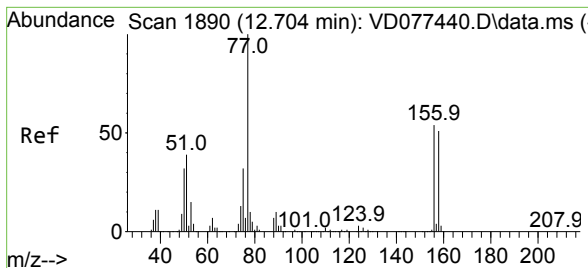
Tgt Ion: 75 Resp: 73797

Ion Ratio Lower Upper

75 100

77 169.9 0.0 0.0#





#77

Bromobenzene

Concen: 19.438 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

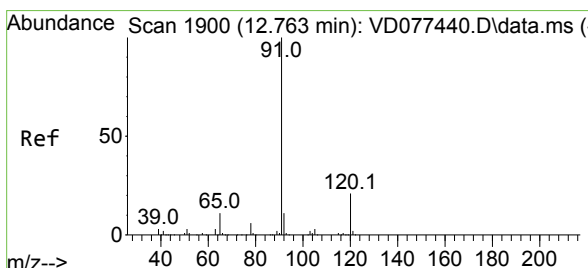
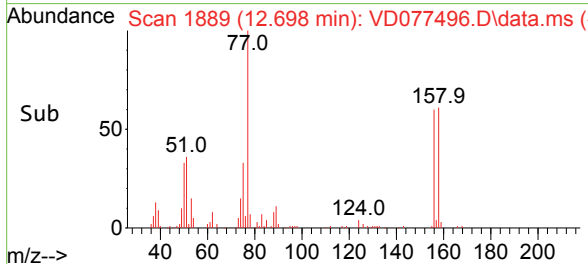
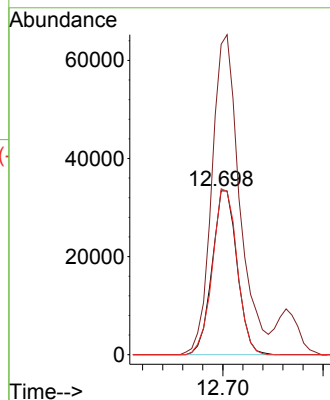
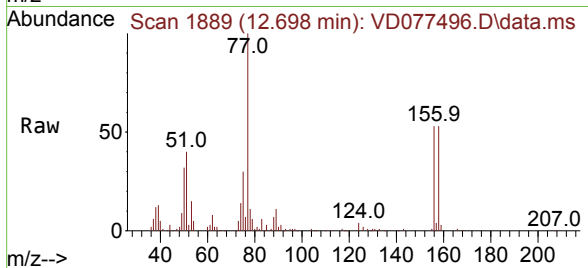
Tgt Ion:156 Resp: 57919

Ion Ratio Lower Upper

156 100

77 216.5 76.8 230.4

158 99.8 48.6 145.9



#78

n-propylbenzene

Concen: 20.144 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077496.D

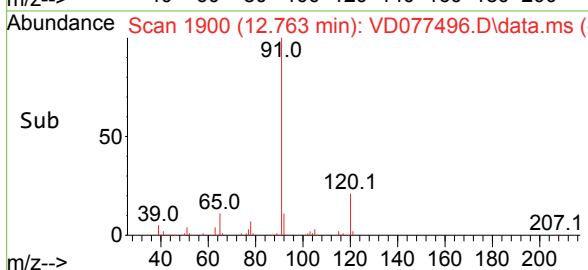
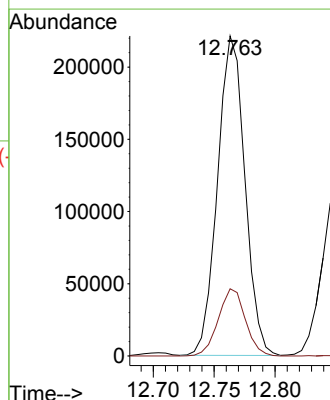
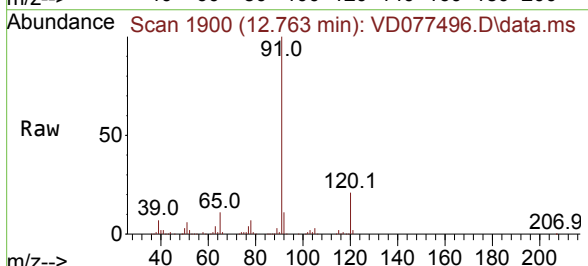
Acq: 03 Nov 2023 10:51

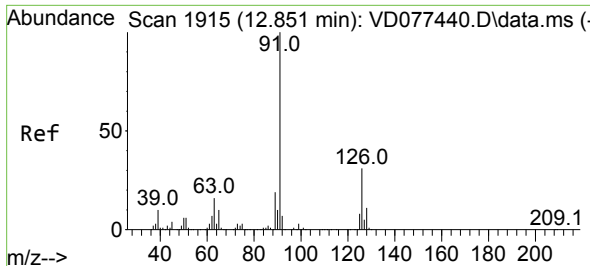
Tgt Ion: 91 Resp: 346254

Ion Ratio Lower Upper

91 100

120 20.8 12.4 37.2

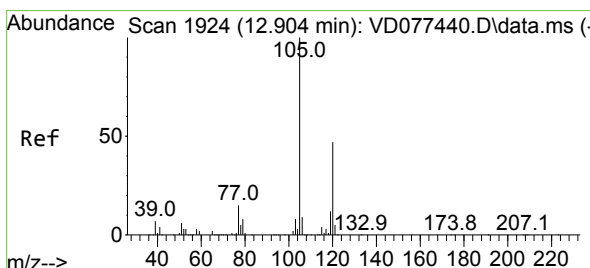
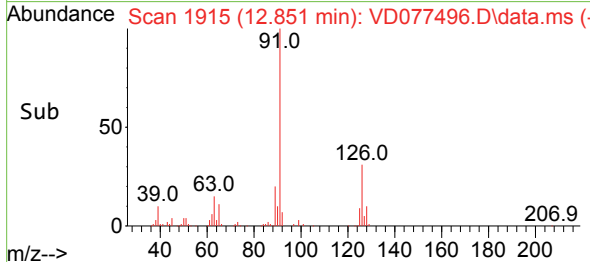
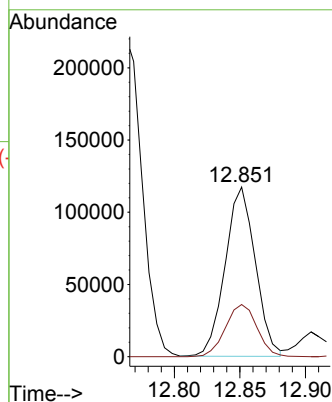
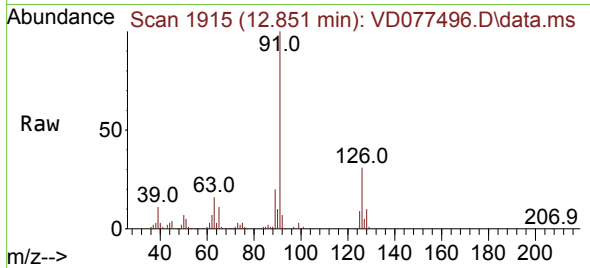




#79
2-Chlorotoluene
Concen: 19.318 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

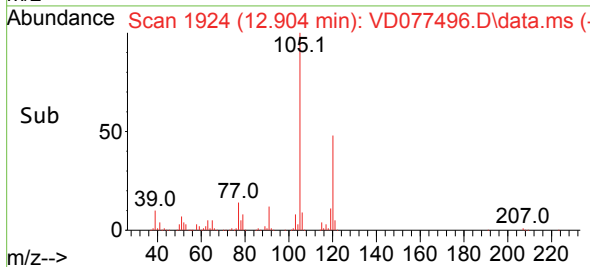
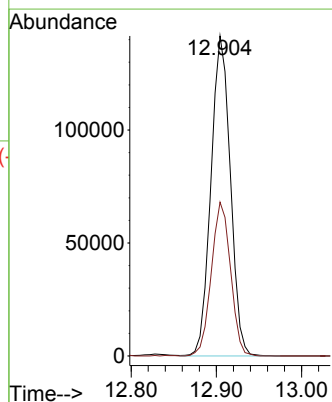
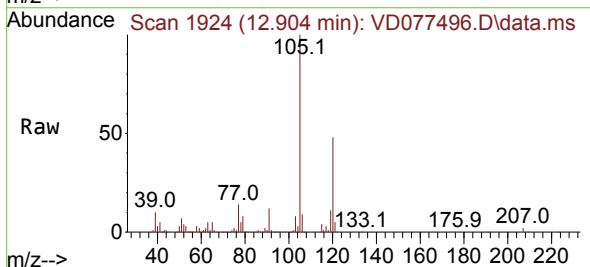
Instrument :
MSVOA_D
ClientSampleId :

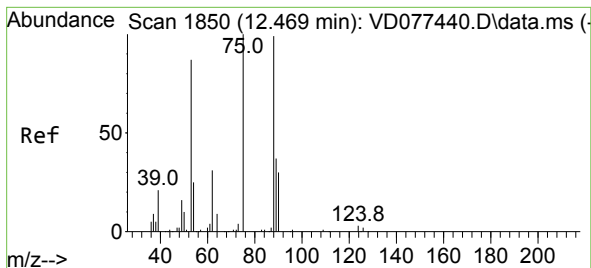
Tgt Ion: 91 Resp: 188005
Ion Ratio Lower Upper
91 100
126 32.2 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 19.733 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:105 Resp: 224144
Ion Ratio Lower Upper
105 100
120 47.5 26.4 79.2

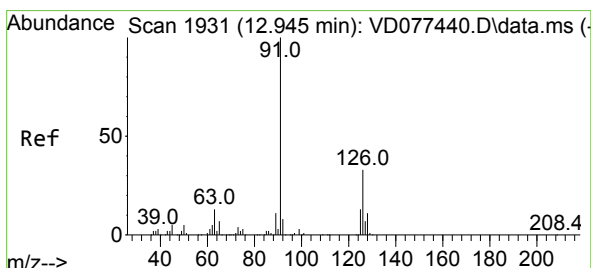
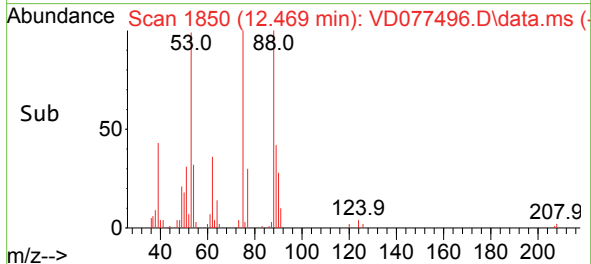
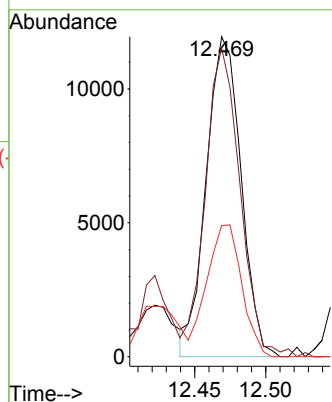
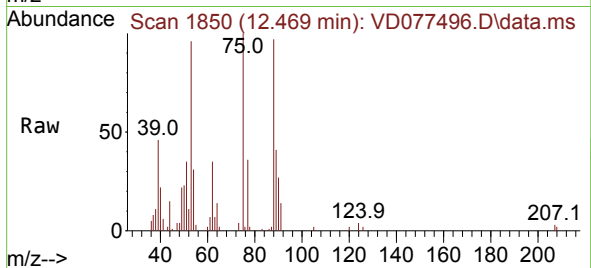




#81
trans-1,4-Dichloro-2-butene
Concen: 19.468 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

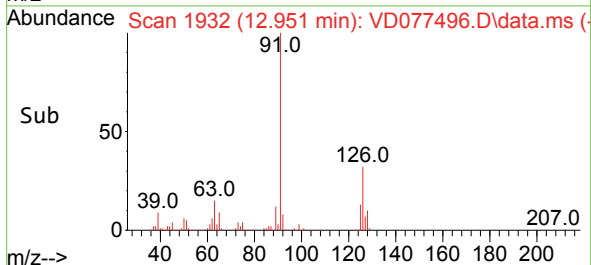
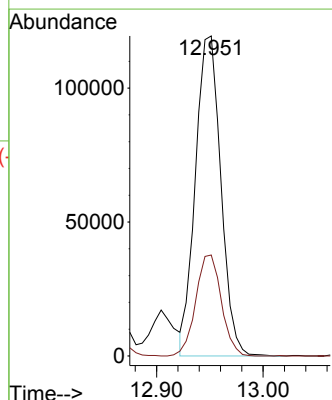
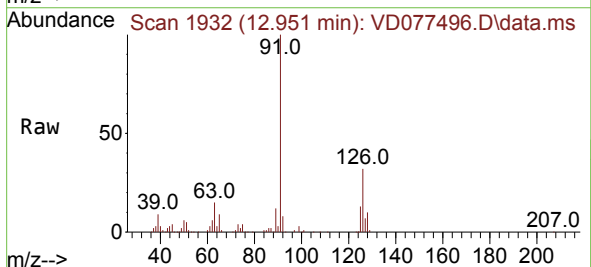
Instrument :
MSVOA_D
ClientSampleId :

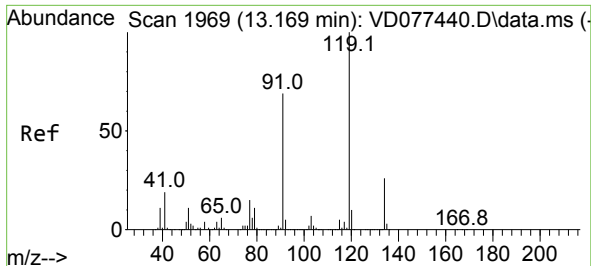
Tgt Ion: 75 Resp: 20367
Ion Ratio Lower Upper
75 100
53 96.3 63.0 94.4#
89 41.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 19.542 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 91 Resp: 198112
Ion Ratio Lower Upper
91 100
126 31.8 19.4 58.4

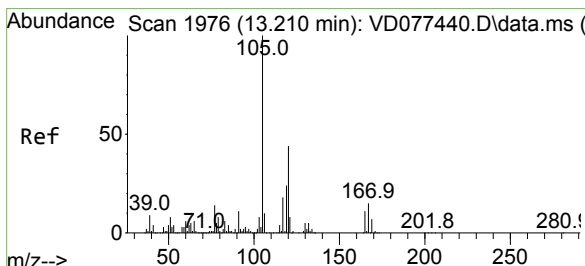
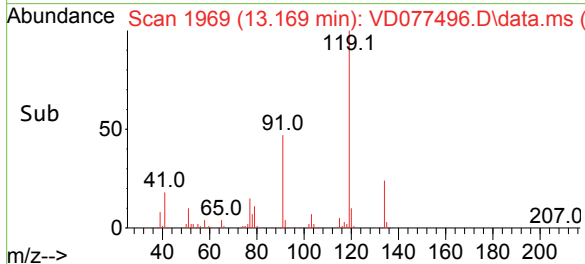
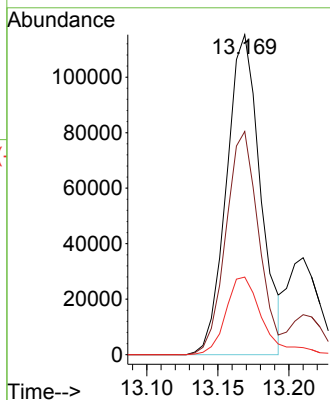
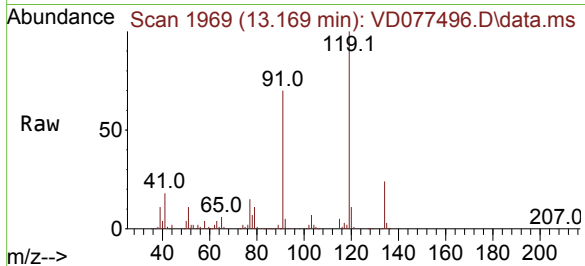




#83
tert-Butylbenzene
Concen: 20.035 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

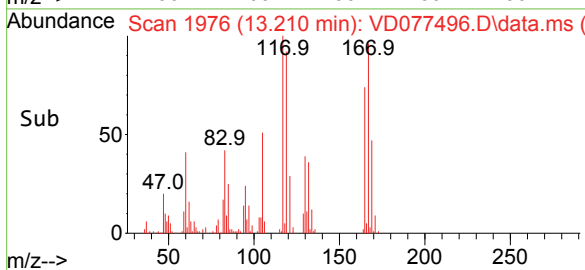
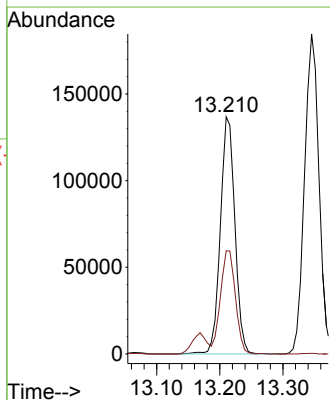
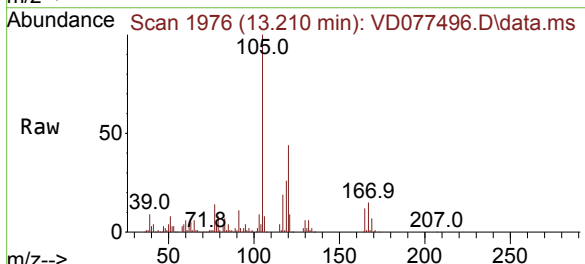
Instrument :
MSVOA_D
ClientSampleId :

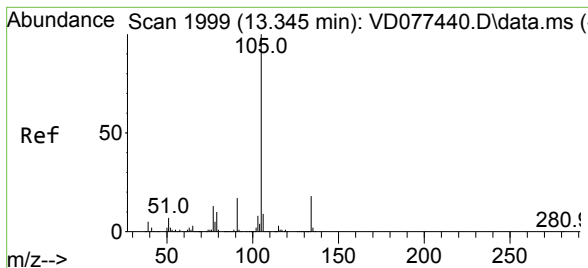
Tgt Ion:119 Resp: 191332
Ion Ratio Lower Upper
119 100
91 68.7 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.358 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion:105 Resp: 218427
Ion Ratio Lower Upper
105 100
120 44.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.983 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

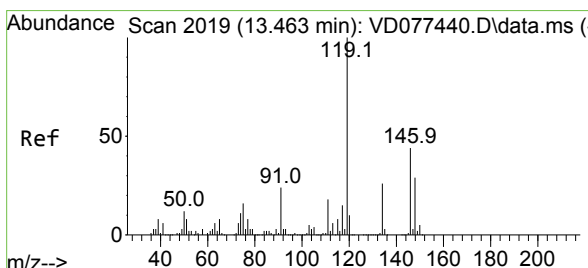
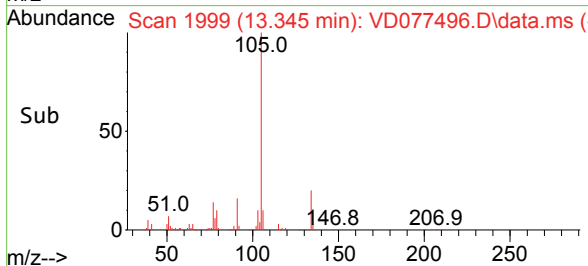
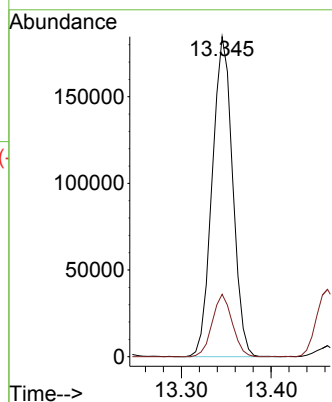
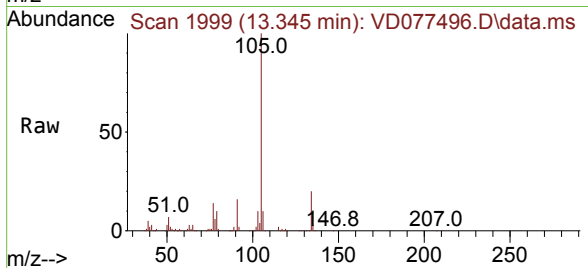
ClientSampleId :

Tgt Ion:105 Resp: 291990

Ion Ratio Lower Upper

105 100

134 19.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.330 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

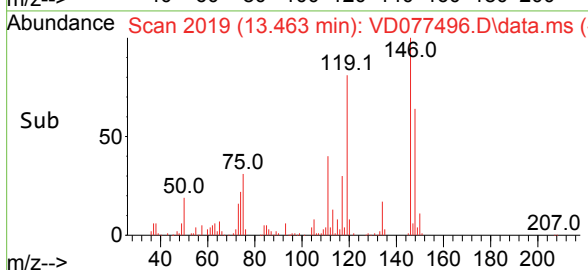
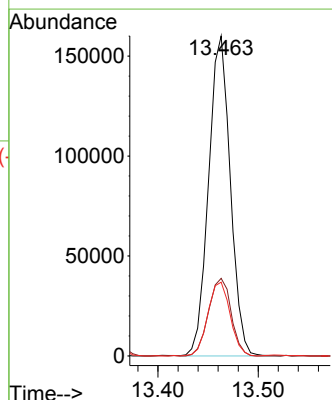
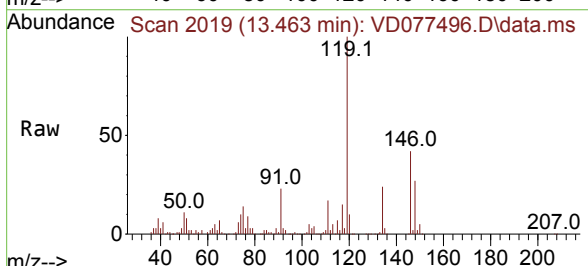
Tgt Ion:119 Resp: 241460

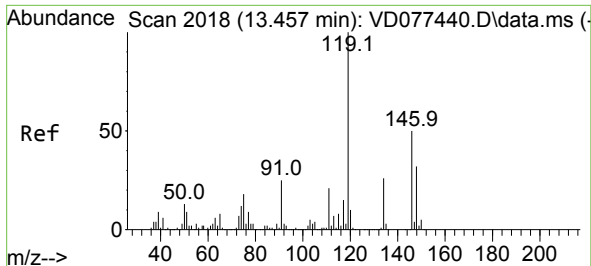
Ion Ratio Lower Upper

119 100

134 25.2 14.2 42.6

91 23.7 10.5 31.5

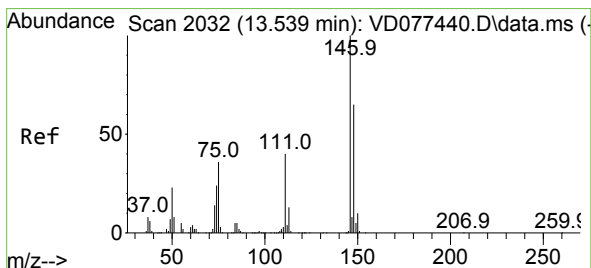
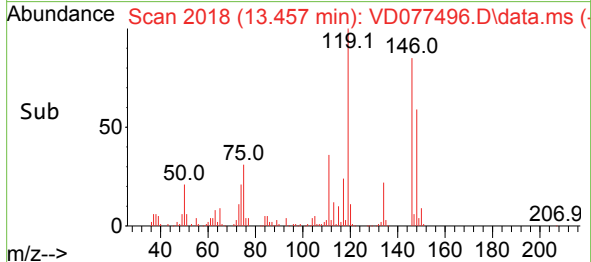
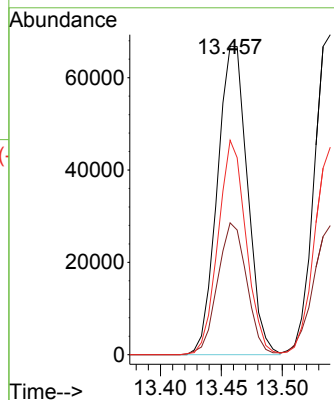
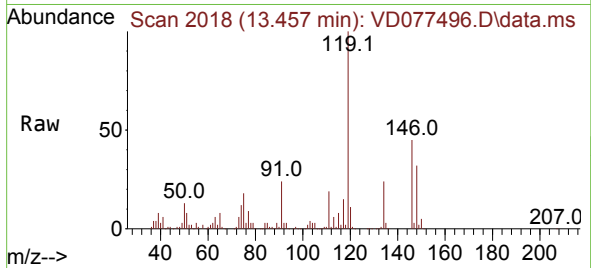




#87
1,3-Dichlorobenzene
Concen: 19.655 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

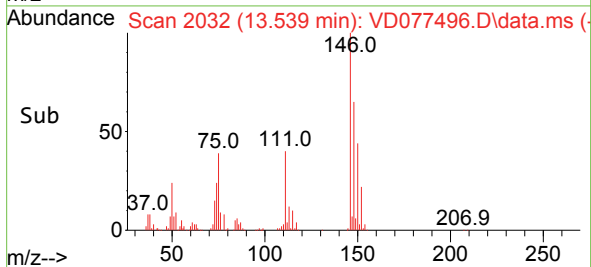
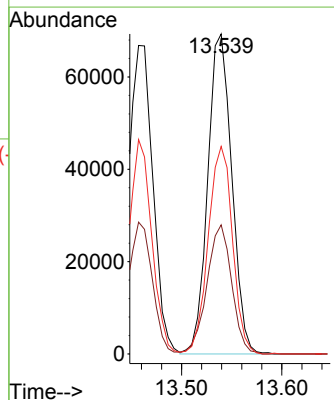
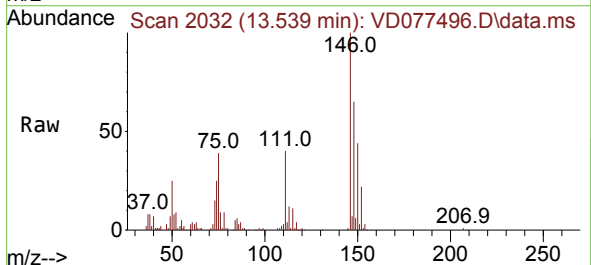
Instrument :
MSVOA_D
ClientSampleId :

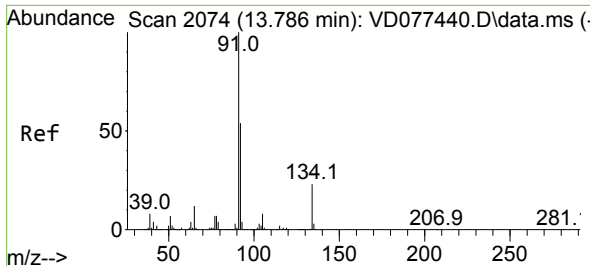
Tgt Ion:146 Resp: 115121
Ion Ratio Lower Upper
146 100
111 41.4 17.9 53.8
148 64.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.767 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

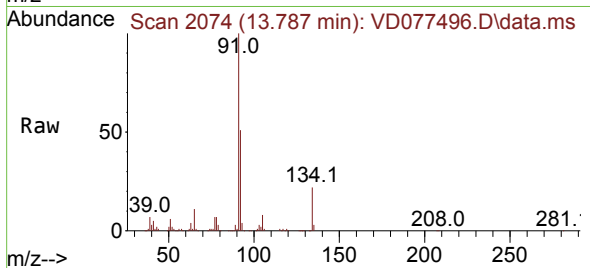
Tgt Ion:146 Resp: 115676
Ion Ratio Lower Upper
146 100
111 41.5 17.4 52.3
148 65.6 31.7 95.1



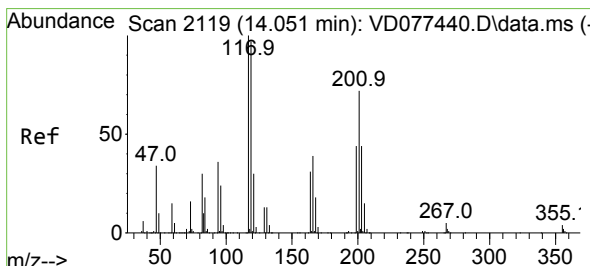
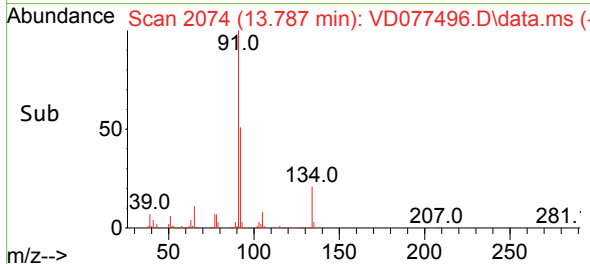
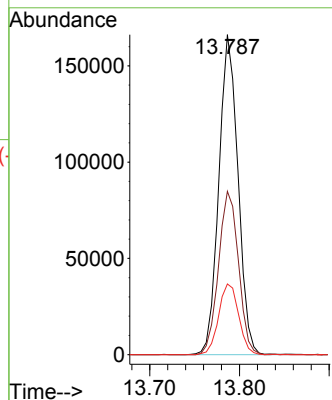


#89
n-Butylbenzene
Concen: 19.935 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Instrument :
MSVOA_D
ClientSampleId :

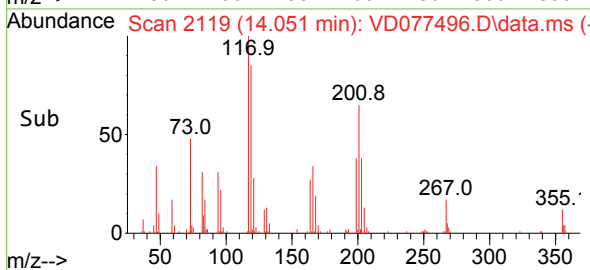
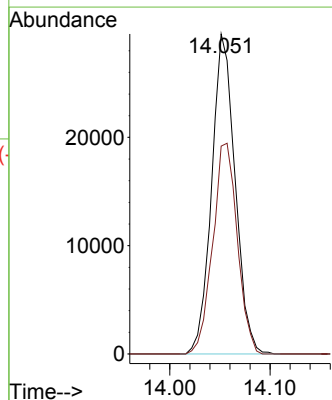
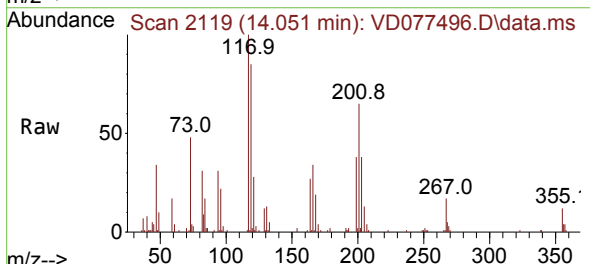


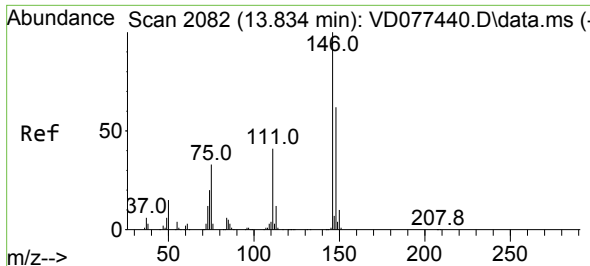
Tgt Ion: 91 Resp: 246090
Ion Ratio Lower Upper
91 100
92 53.1 26.5 79.5
134 23.2 13.8 41.3



#90
Hexachloroethane
Concen: 19.736 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 117 Resp: 47967
Ion Ratio Lower Upper
117 100
201 68.9 38.5 115.5

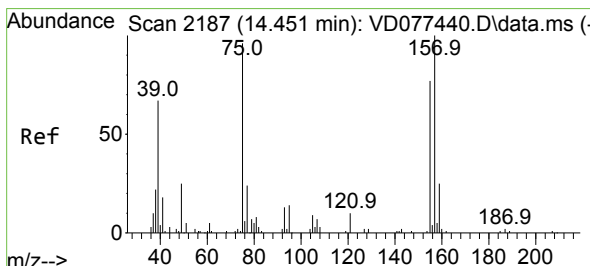
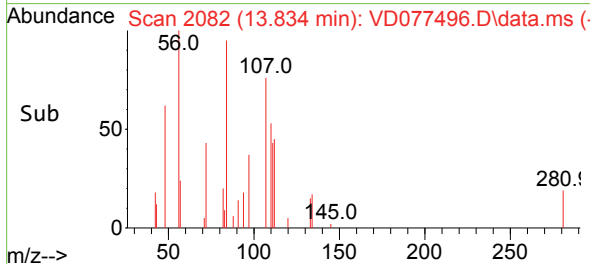
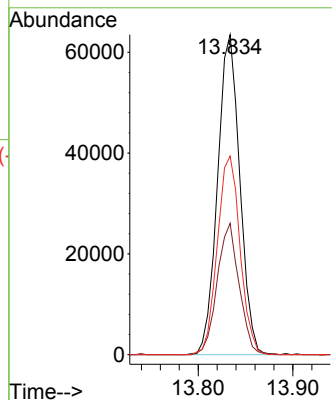
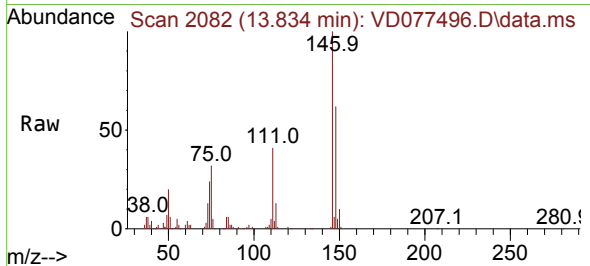




#91
1,2-Dichlorobenzene
Concen: 20.161 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

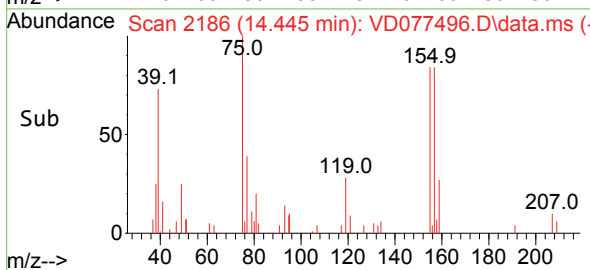
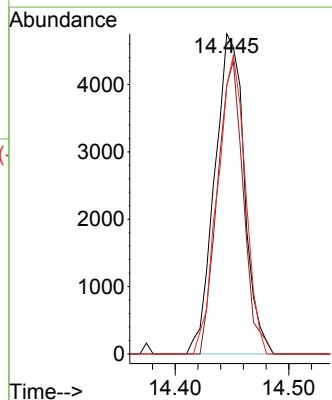
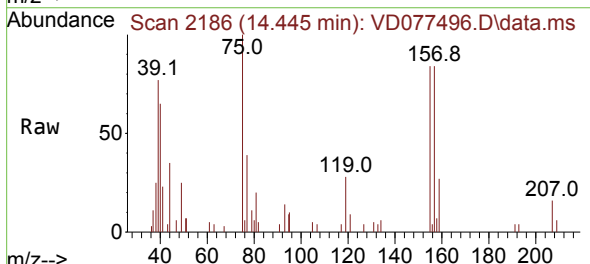
Instrument :
MSVOA_D
ClientSampleId :

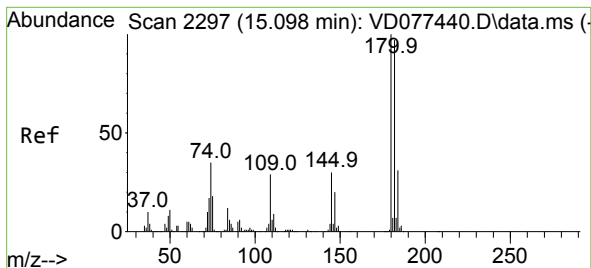
Tgt Ion:146 Resp: 103777
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 63.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.215 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077496.D
Acq: 03 Nov 2023 10:51

Tgt Ion: 75 Resp: 8590
Ion Ratio Lower Upper
75 100
155 80.0 47.9 143.8
157 87.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.340 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

Instrument :

MSVOA_D

ClientSampleId :

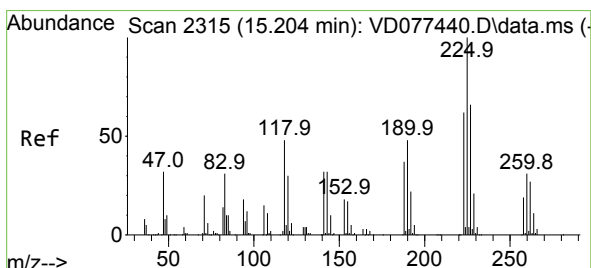
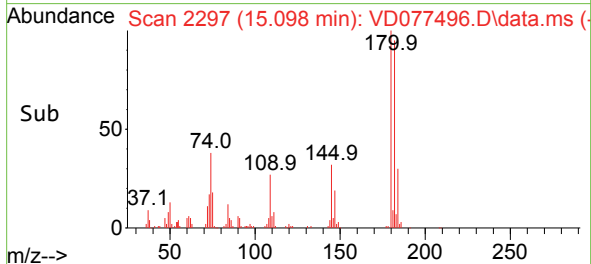
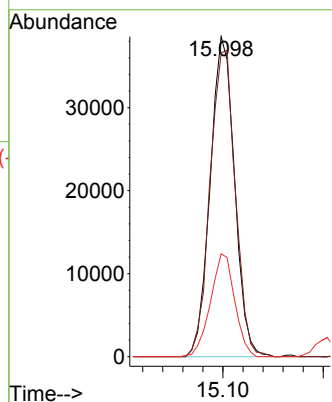
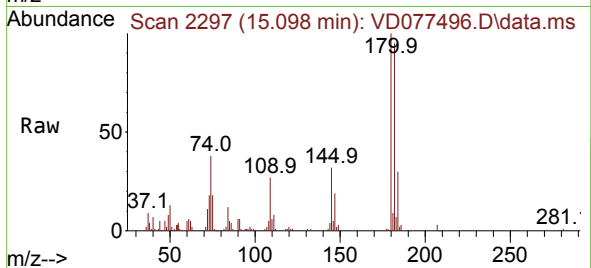
Tgt Ion:180 Resp: 64853

Ion Ratio Lower Upper

180 100

182 99.3 48.5 145.6

145 32.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.585 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077496.D

Acq: 03 Nov 2023 10:51

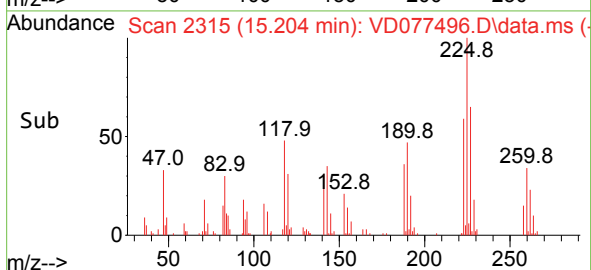
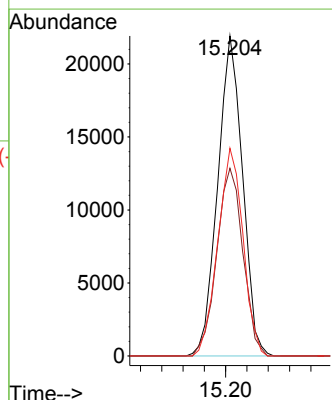
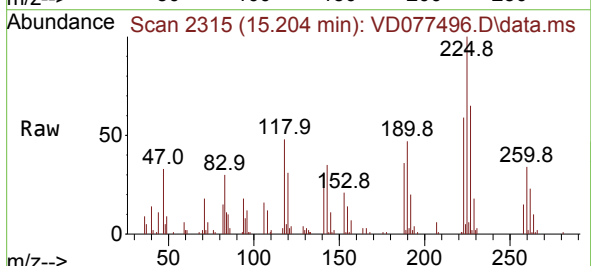
Tgt Ion:225 Resp: 35449

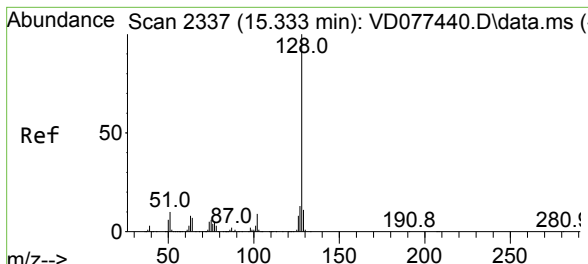
Ion Ratio Lower Upper

225 100

223 61.8 31.6 94.8

227 65.8 31.7 95.1

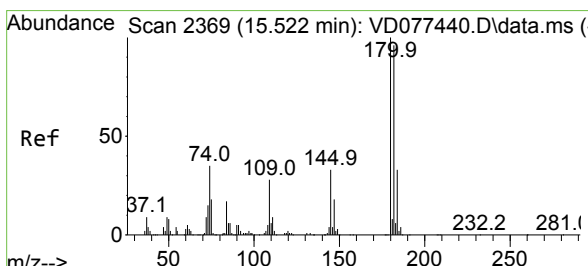
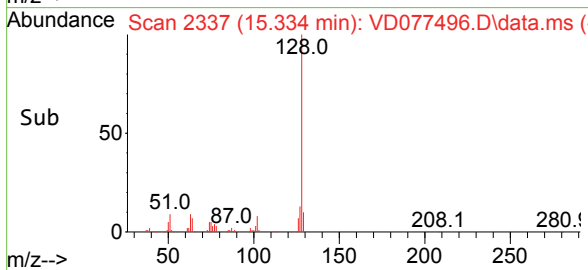
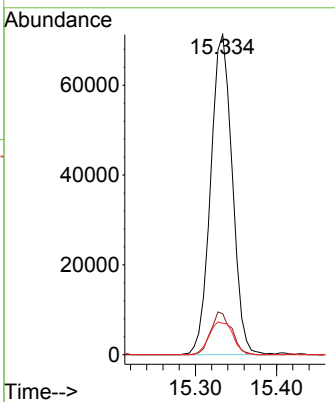
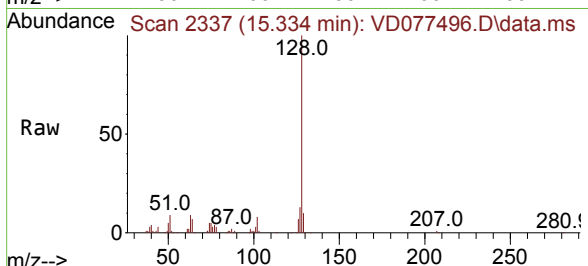




#95
 Naphthalene
 Concen: 19.556 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077496.D
 Acq: 03 Nov 2023 10:51

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	131922
Ion Ratio	Lower	Upper	
128	100		
127	12.8	10.5	15.7
129	9.8	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 18.872 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077496.D
 Acq: 03 Nov 2023 10:51

Tgt Ion:	180	Resp:	57606
Ion Ratio	Lower	Upper	
180	100		
182	96.6	47.3	141.9
145	32.2	15.1	45.3

