

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121923\
 Data File : VD077963.D
 Acq On : 19 Dec 2023 09:52
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 20 01:58:14 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211300	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	197791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	112424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	71991	47.961	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.920%
35) Dibromofluoromethane	7.810	113	76771	51.869	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.740%
50) Toluene-d8	10.269	98	303661	51.225	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.460%
62) 4-Bromofluorobenzene	12.575	95	92440	52.158	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	63789	40.088	ug/l	99
3) Chloromethane	2.152	50	101384	46.743	ug/l	94
4) Vinyl Chloride	2.287	62	149406	50.741	ug/l	99
5) Bromomethane	2.699	94	115110	69.670	ug/l	97
6) Chloroethane	2.840	64	108990	54.293	ug/l	100
7) Trichlorofluoromethane	3.181	101	132915	49.013	ug/l	100
8) Diethyl Ether	3.599	74	38309	50.308	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.975	101	82464	53.154	ug/l	98
10) Methyl Iodide	4.169	142	72086	52.609	ug/l	90
11) Tert butyl alcohol	5.040	59	18830	260.998	ug/l #	90
12) 1,1-Dichloroethene	3.946	96	74448	48.621	ug/l #	83
13) Acrolein	3.805	56	23855	150.239	ug/l	98
14) Allyl chloride	4.569	41	96234	45.697	ug/l	90
15) Acrylonitrile	5.258	53	84197	258.244	ug/l	97
16) Acetone	4.028	43	95346	300.258	ug/l #	86
17) Carbon Disulfide	4.281	76	219707	42.412	ug/l	97
18) Methyl Acetate	4.569	43	66342	56.120	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	173786	53.495	ug/l	95
20) Methylene Chloride	4.805	84	91102	51.383	ug/l #	86
21) trans-1,2-Dichloroethene	5.322	96	90587	52.232	ug/l	91
22) Diisopropyl ether	6.222	45	220280	50.055	ug/l	95
23) Vinyl Acetate	6.157	43	506988	235.910	ug/l #	92
24) 1,1-Dichloroethane	6.116	63	152601	51.205	ug/l	95
25) 2-Butanone	7.081	43	114125	278.294	ug/l	90
26) 2,2-Dichloropropane	7.081	77	131496	52.552	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	102624	54.992	ug/l	93
28) Bromochloromethane	7.428	49	62720	52.083	ug/l	82
29) Tetrahydrofuran	7.452	42	58949	246.624	ug/l	92
30) Chloroform	7.599	83	162076	54.339	ug/l	96
31) Cyclohexane	7.881	56	120816	45.252	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	141532	53.827	ug/l	98
36) 1,1-Dichloropropene	8.010	75	122048	51.552	ug/l	97
37) Ethyl Acetate	7.175	43	38522	41.730	ug/l	98
38) Carbon Tetrachloride	7.993	117	126368	53.541	ug/l	89
39) Methylcyclohexane	9.275	83	144466	51.473	ug/l	95
40) Benzene	8.251	78	355175	52.858	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	25653	54.675	ug/l	88
42) 1,2-Dichloroethane	8.334	62	93918	53.921	ug/l	95
43) Isopropyl Acetate	8.363	43	81924	49.924	ug/l	95
44) Trichloroethene	9.028	130	92517	52.835	ug/l	95
45) 1,2-Dichloropropane	9.304	63	90969	55.691	ug/l	93
46) Dibromomethane	9.398	93	50664	58.619	ug/l	92
47) Bromodichloromethane	9.587	83	125284	57.190	ug/l	98
48) Methyl methacrylate	9.381	41	46431	49.775	ug/l	84
49) 1,4-Dioxane	9.387	88	9810	1143.075	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	214712	256.375	ug/l	94
52) Toluene	10.334	92	229543	55.072	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	116805	55.524	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	139737	54.940	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	68086	57.592	ug/l	98
56) Ethyl methacrylate	10.598	69	57107	54.797	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	112970	55.437	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	109311	183.927	ug/l	97
59) 2-Hexanone	10.922	43	167037	240.402	ug/l	92
60) Dibromochloromethane	11.075	129	85736	60.235	ug/l	96
61) 1,2-Dibromoethane	11.181	107	63450	57.016	ug/l	100
64) Tetrachloroethene	10.810	164	77401	53.243	ug/l	91
65) Chlorobenzene	11.610	112	249090	53.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	93255	56.698	ug/l	97
67) Ethyl Benzene	11.687	91	460157	55.881	ug/l	96
68) m/p-Xylenes	11.792	106	356727	113.254	ug/l	93
69) o-Xylene	12.122	106	161192	55.528	ug/l	90
70) Styrene	12.134	104	252184	58.423	ug/l	94
71) Bromoform	12.298	173	50529	58.796	ug/l #	99
73) Isopropylbenzene	12.422	105	441509	51.816	ug/l	98
74) N-amyl acetate	12.234	43	74424	44.434	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	77066	51.872	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	96971	99.314	ug/l #	100
77) Bromobenzene	12.704	156	103136	51.460	ug/l	93
78) n-propylbenzene	12.763	91	537120	51.732	ug/l	96
79) 2-Chlorotoluene	12.851	91	286388	51.469	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	374266	52.664	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23854	49.498	ug/l	94
82) 4-Chlorotoluene	12.951	91	307011	52.778	ug/l	97
83) tert-Butylbenzene	13.169	119	320536	53.426	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	379822	53.436	ug/l	98
85) sec-Butylbenzene	13.345	105	483932	54.568	ug/l	96
86) p-Isopropyltoluene	13.463	119	437245	55.068	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	223019	54.414	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	218392	53.497	ug/l	99
89) n-Butylbenzene	13.792	91	404171	54.097	ug/l	98
90) Hexachloroethane	14.057	117	83986	57.515	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	188536	54.088	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11383	52.949	ug/l	96
93) 1,2,4-Trichlorobenzene	15.104	180	118147	49.622	ug/l	98
94) Hexachlorobutadiene	15.204	225	67741	52.762	ug/l	98
95) Naphthalene	15.333	128	210332	53.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	101166	51.540	ug/l	97

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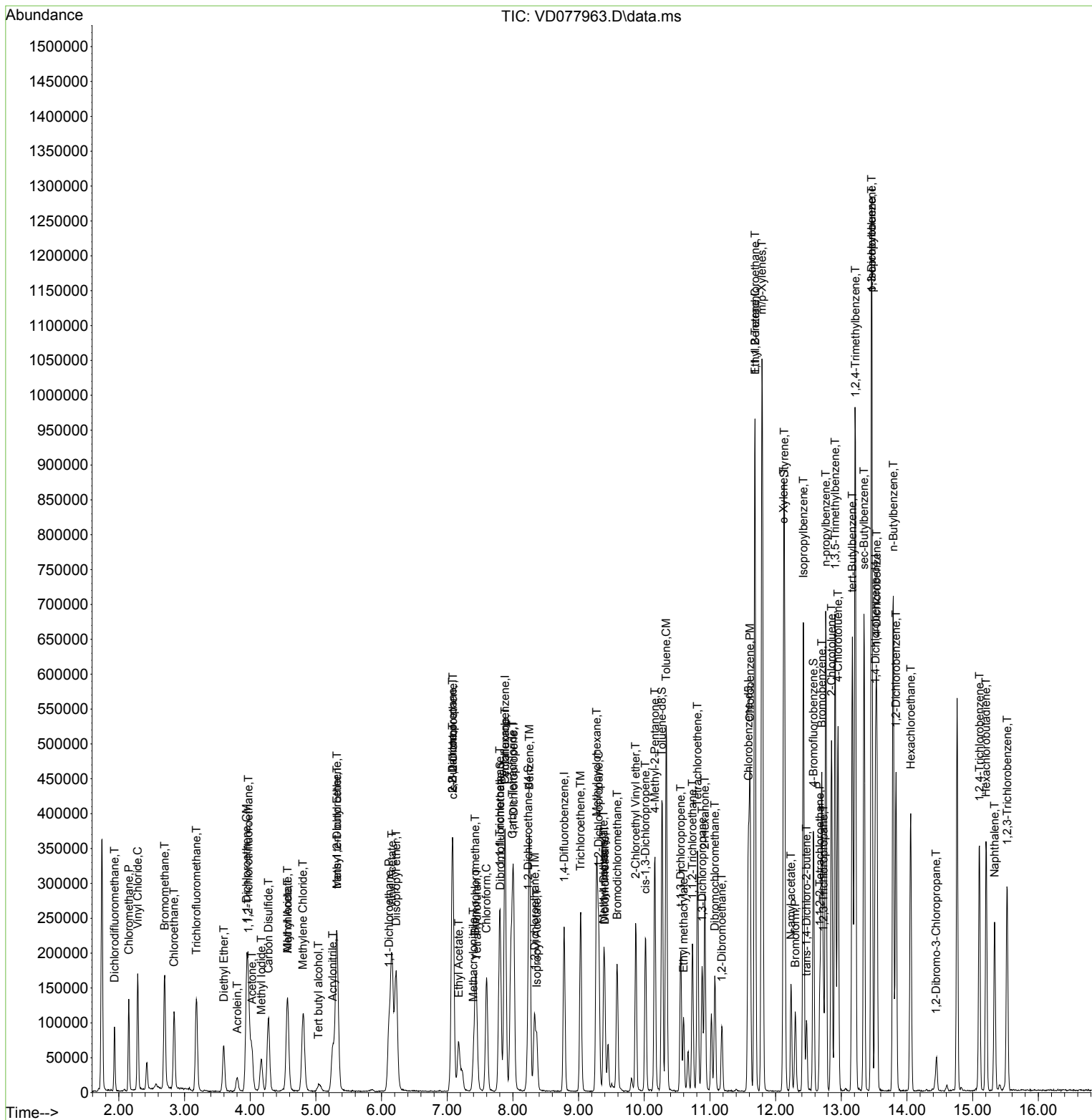
Instrument :
MSVOA_D
ClientSampleId :

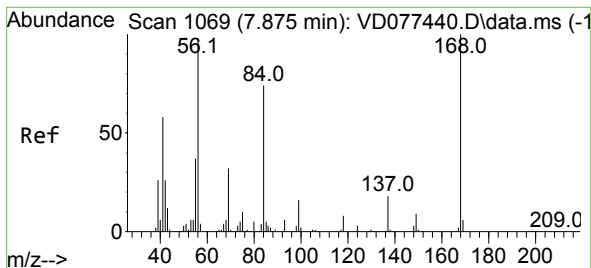
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Quant Title : SW846 8260
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Response via : Initial Calibration

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077963.D

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Instrument :

MSVOA_D

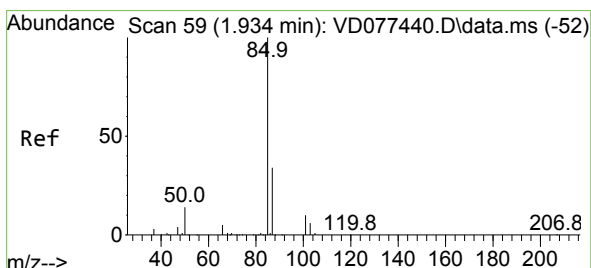
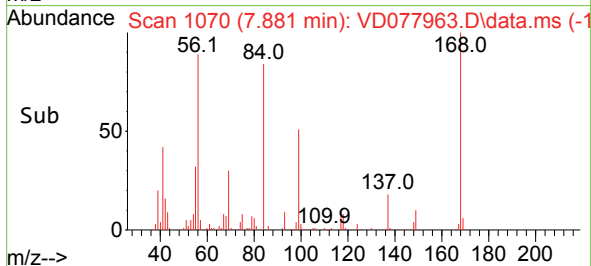
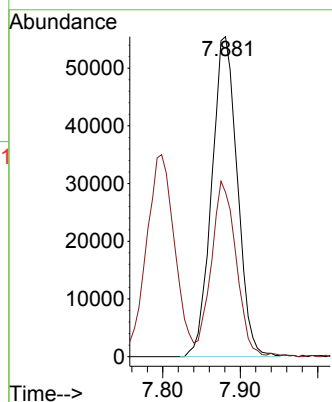
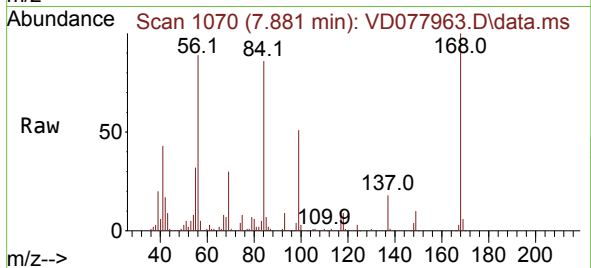
ClientSampleId :

Tgt Ion:168 Resp: 127383

Ion Ratio Lower Upper

168 100

99 50.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 40.088 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077963.D

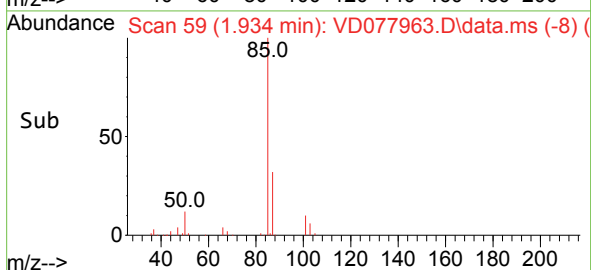
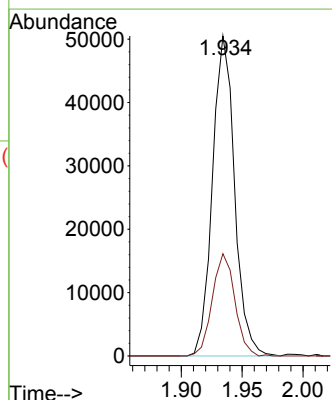
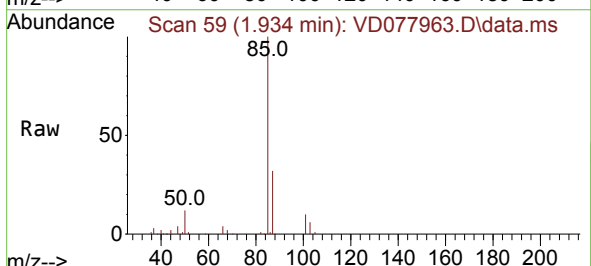
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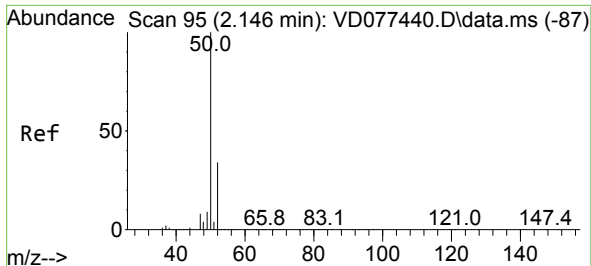
Tgt Ion: 85 Resp: 63789

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

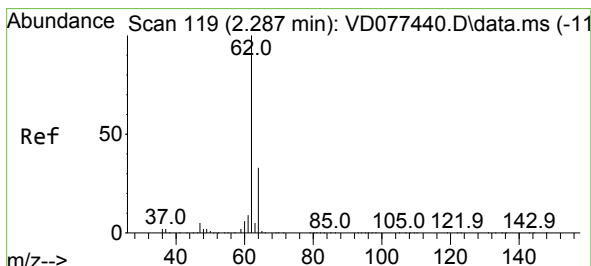
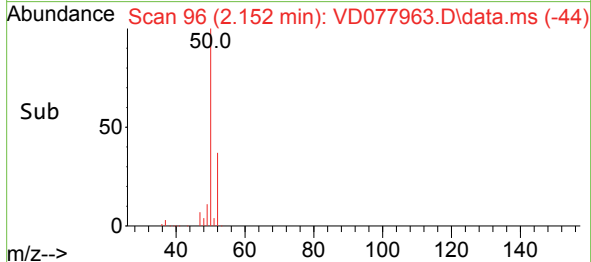
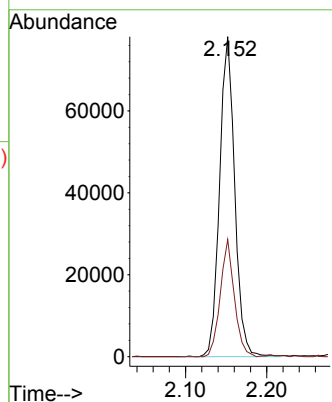
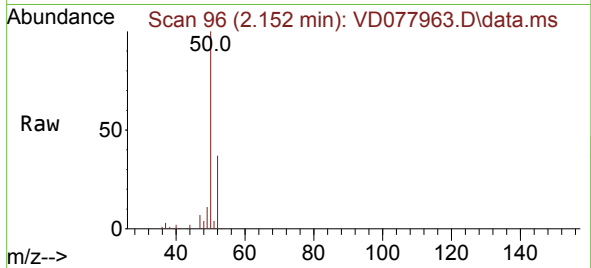




#3
Chloromethane
Concen: 46.743 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

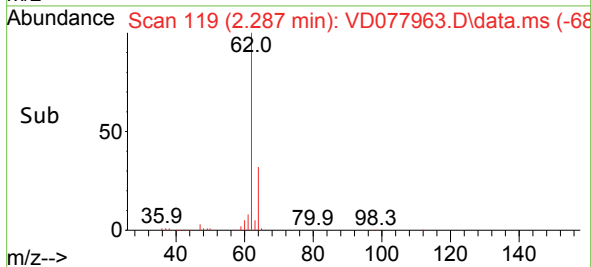
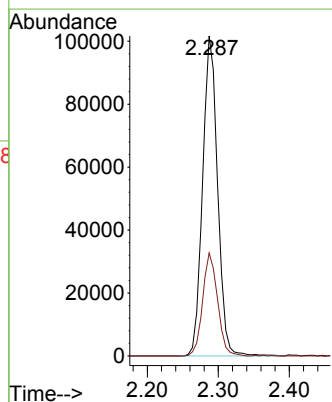
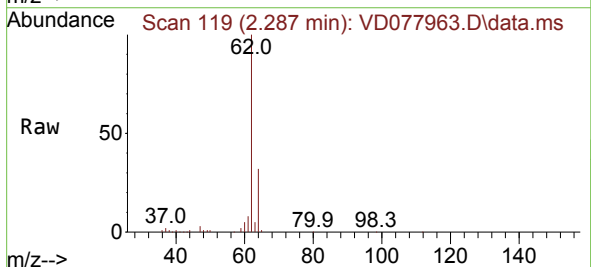
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 101384
Ion Ratio Lower Upper
50 100
52 36.6 26.6 40.0



#4
Vinyl Chloride
Concen: 50.741 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 62 Resp: 149406
Ion Ratio Lower Upper
62 100
64 32.2 26.0 39.0

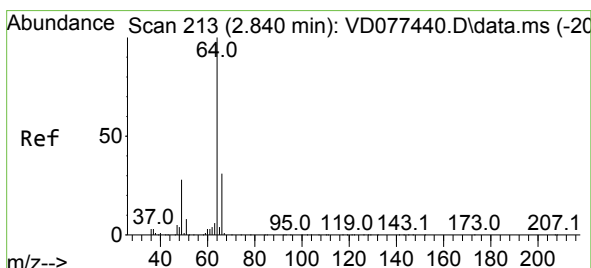
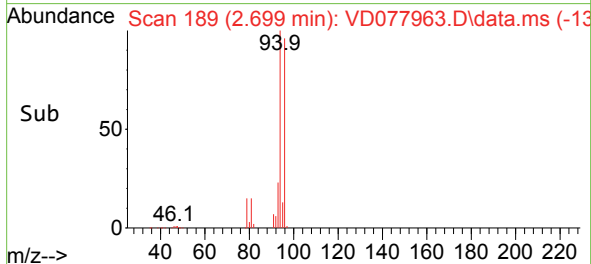
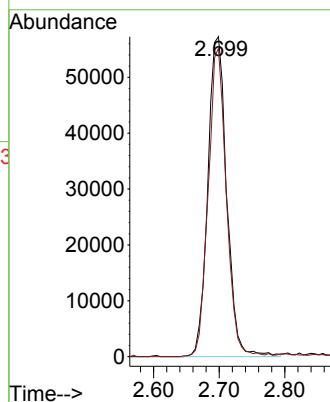
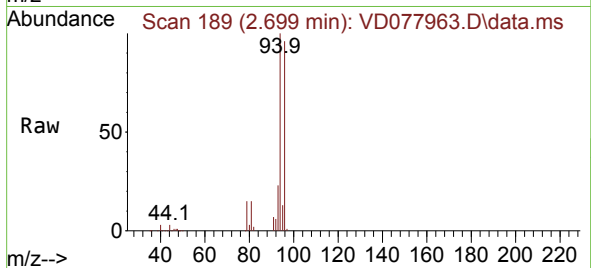




#5
Bromomethane
Concen: 69.670 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

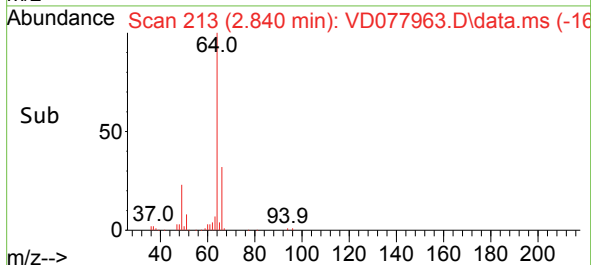
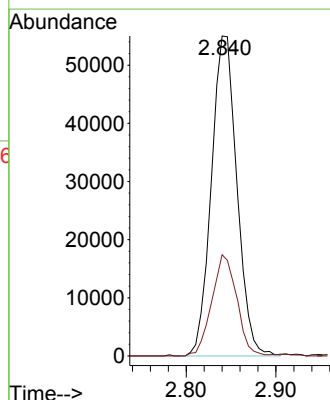
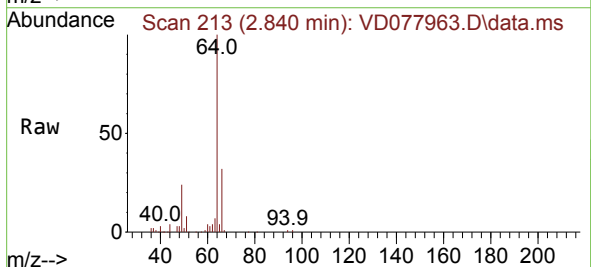
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ClientSampleId :

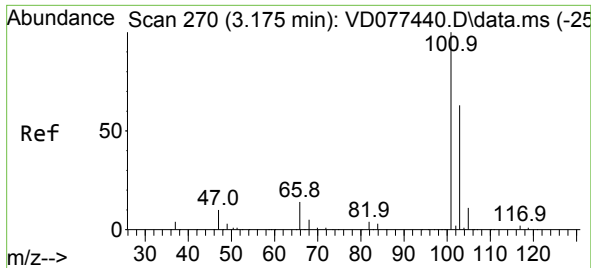
Tgt Ion: 94 Resp: 115110
Ion Ratio Lower Upper
94 100
96 92.0 75.8 113.8



#6
Chloroethane
Concen: 54.293 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 64 Resp: 108990
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3

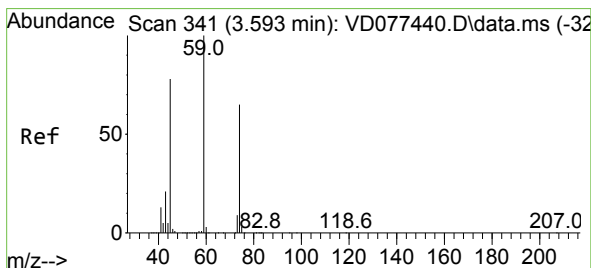
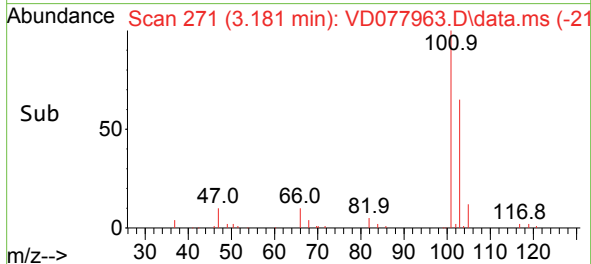
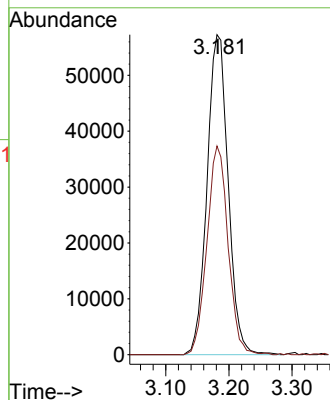
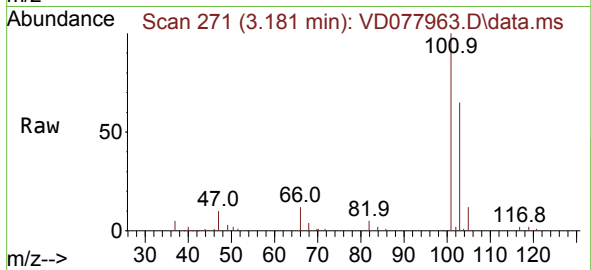




#7
 Trichlorofluoromethane
 Concen: 49.013 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

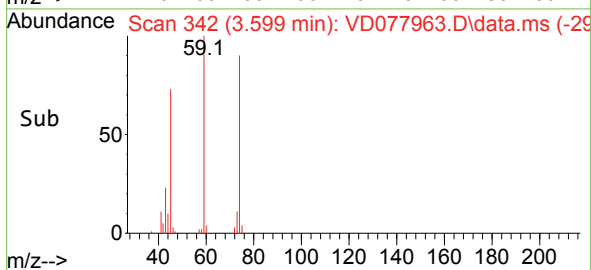
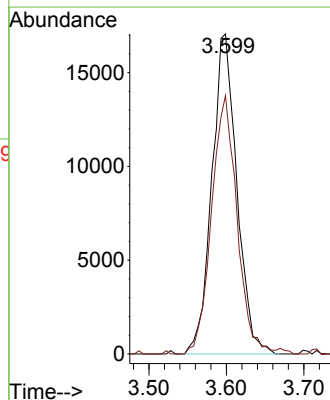
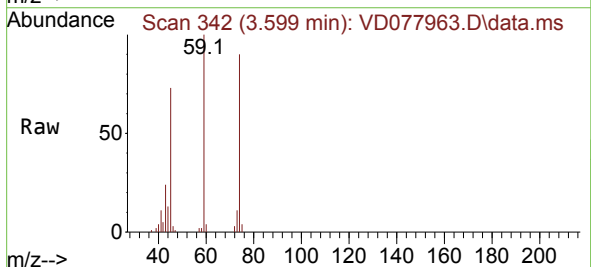
Instrument :
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 ClientSampleId :

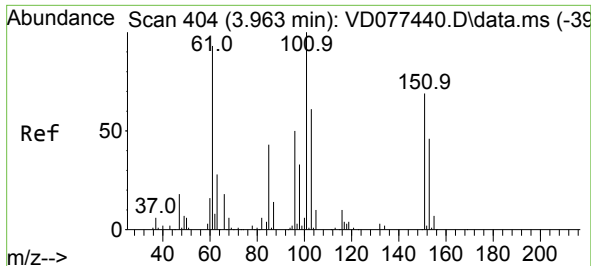
Tgt Ion:101 Resp: 132915
 Ion Ratio Lower Upper
 101 100
 103 65.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.308 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Tgt Ion: 74 Resp: 38309
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7

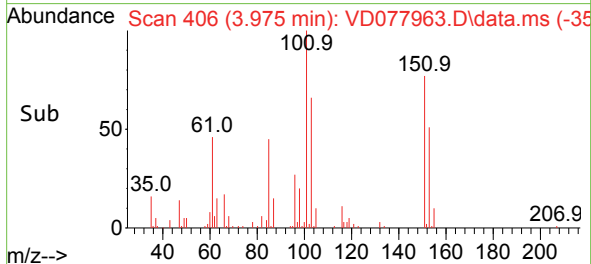
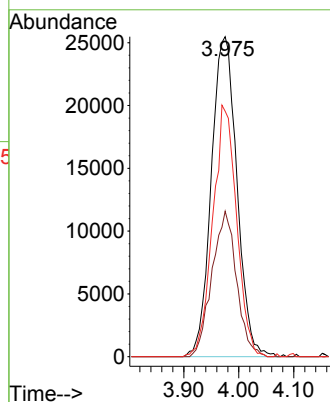
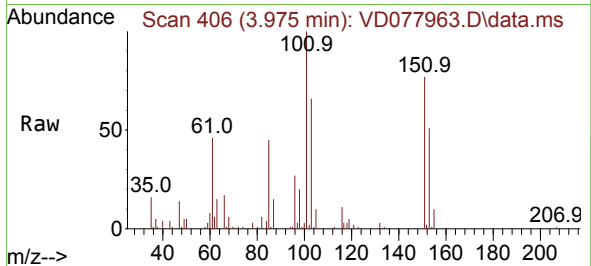




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.154 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077963.D
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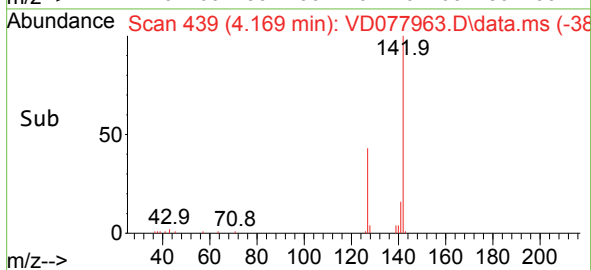
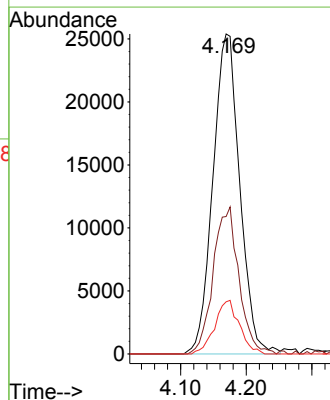
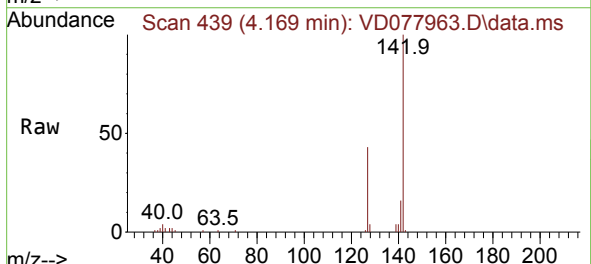
Instrument :
MSVOA_D
ClientSampleId :

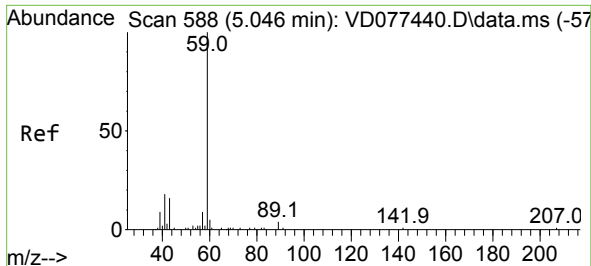
Tgt Ion:101 Resp: 82464
Ion Ratio Lower Upper
101 100
85 43.7 33.8 50.6
151 73.0 59.8 89.6



#10
Methyl Iodide
Concen: 52.609 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:142 Resp: 72086
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 15.4 11.1 16.7

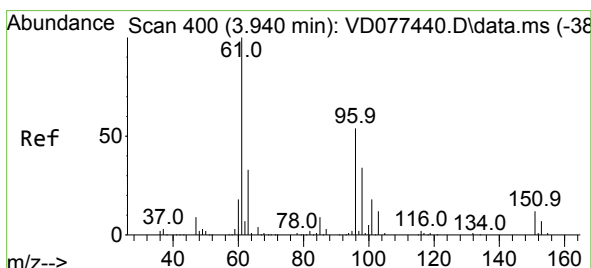
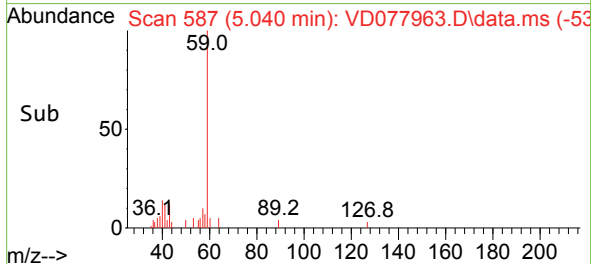
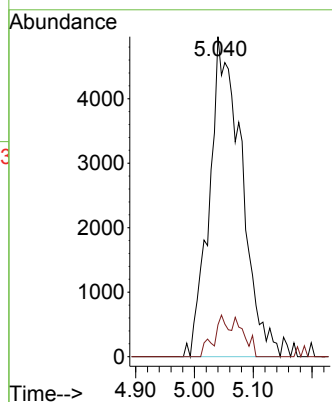
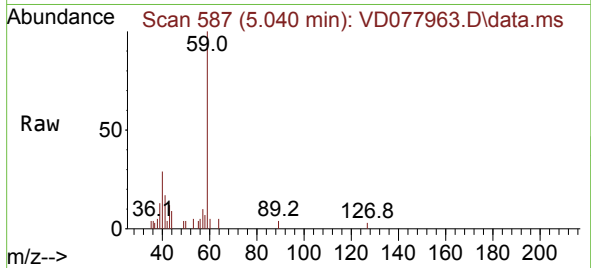




#11
Tert butyl alcohol
Concen: 260.998 ug/l
RT: 5.040 min Scan# 588
Delta R.T. -0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

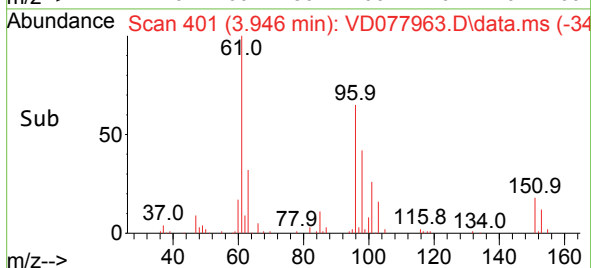
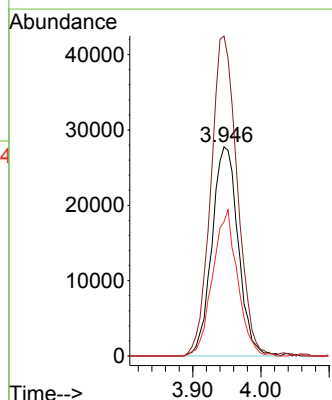
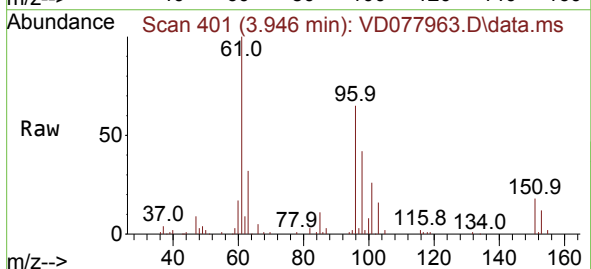
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 18830
Ion Ratio Lower Upper
59 100
57 6.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 48.621 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 96 Resp: 74448
Ion Ratio Lower Upper
96 100
61 153.0 100.6 150.8#
98 64.1 50.2 75.2

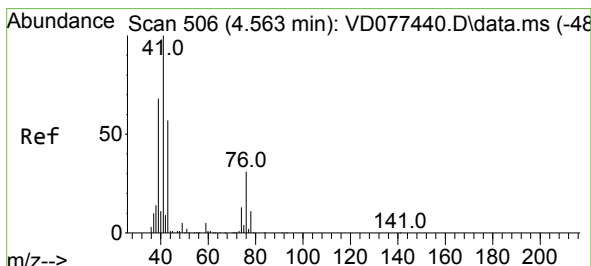
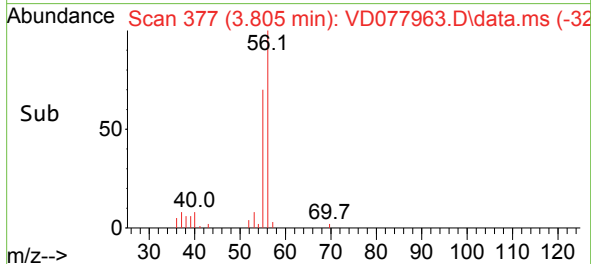
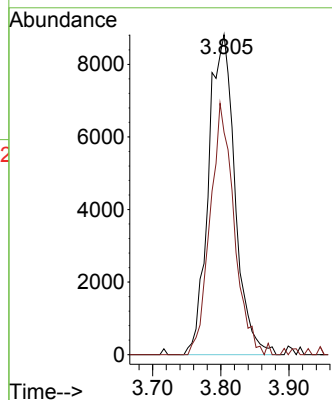
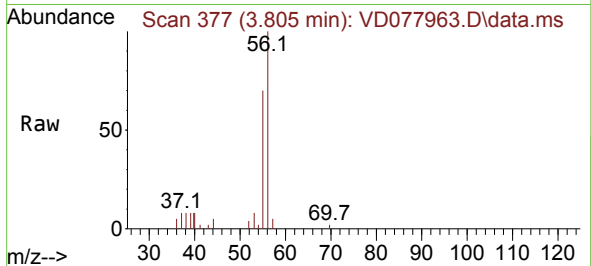




#13
Acrolein
Concen: 150.239 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

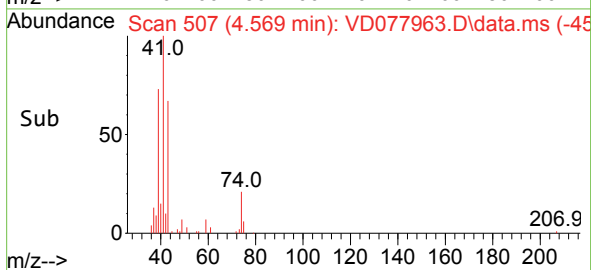
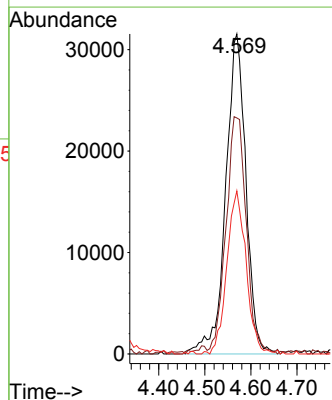
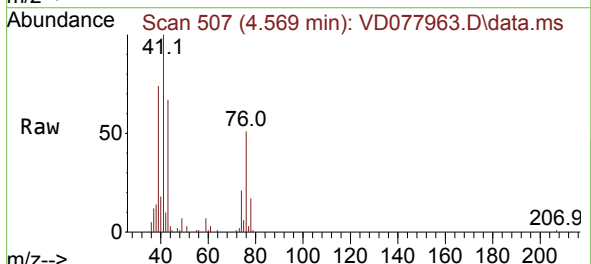
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 23855
Ion Ratio Lower Upper
56 100
55 70.7 55.1 82.7



#14
Allyl chloride
Concen: 45.697 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 41 Resp: 96234
Ion Ratio Lower Upper
41 100
39 74.4 53.8 80.6
76 48.4 45.8 68.8

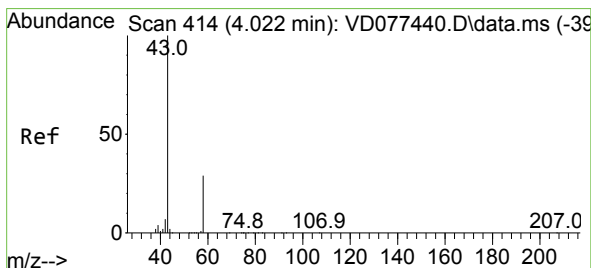
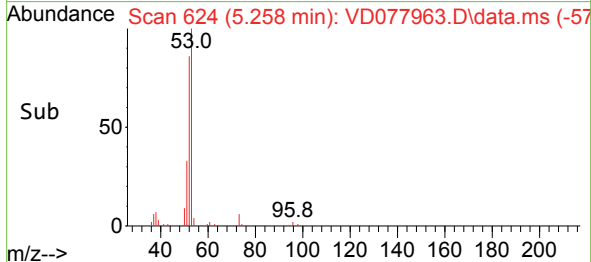
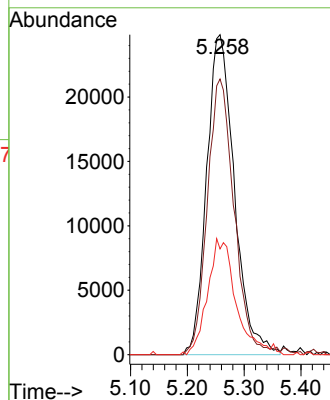
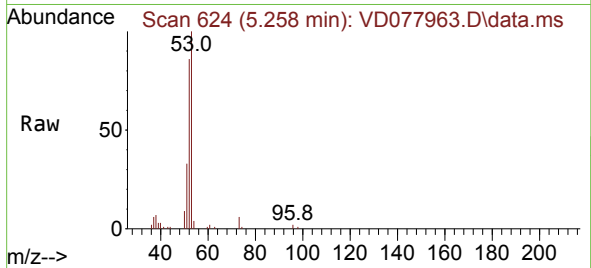




#15
Acrylonitrile
Concen: 258.244 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

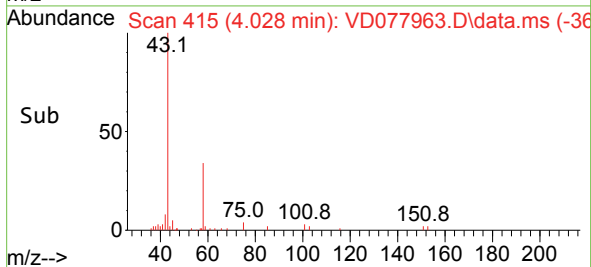
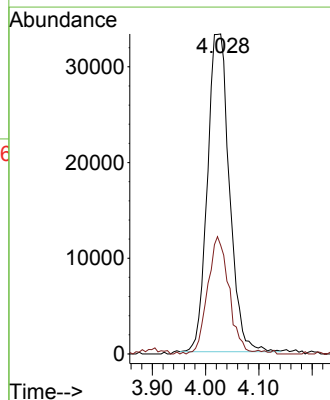
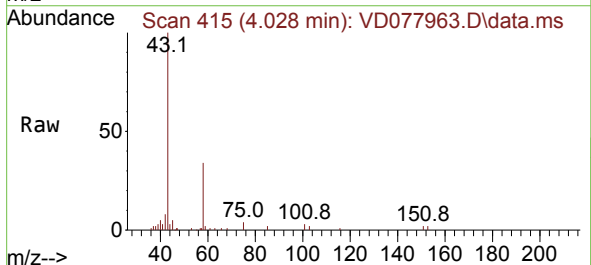
Instrument :
MSVOA_D
ClientSampleId :

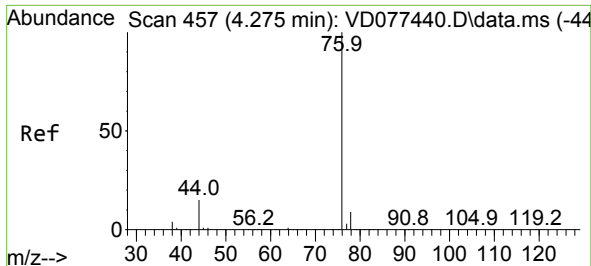
Tgt Ion: 53 Resp: 84197
Ion Ratio Lower Upper
53 100
52 83.2 65.0 97.4
51 37.3 28.3 42.5



#16
Acetone
Concen: 300.258 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 43 Resp: 95346
Ion Ratio Lower Upper
43 100
58 34.2 34.7 52.1#

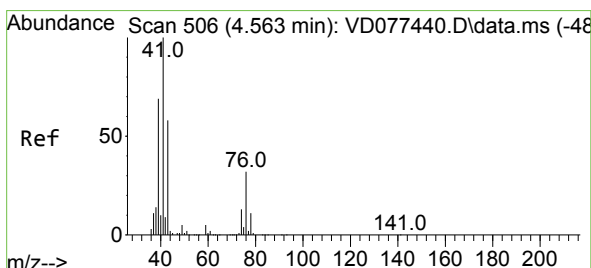
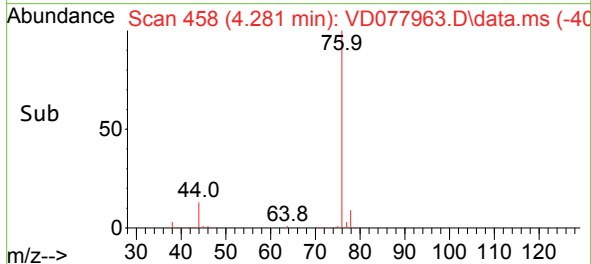
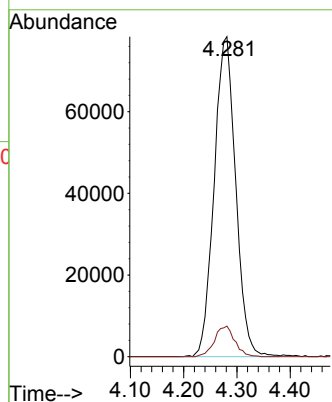
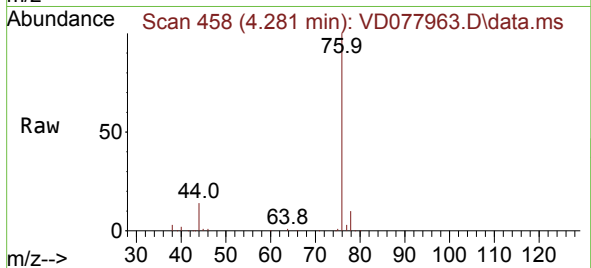




#17
Carbon Disulfide
Concen: 42.412 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

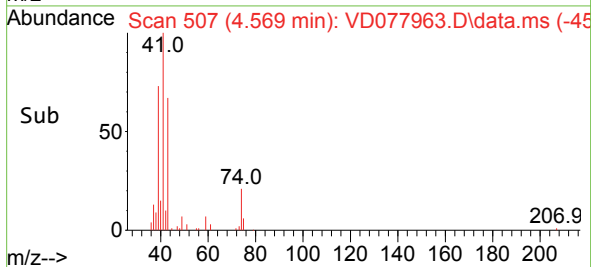
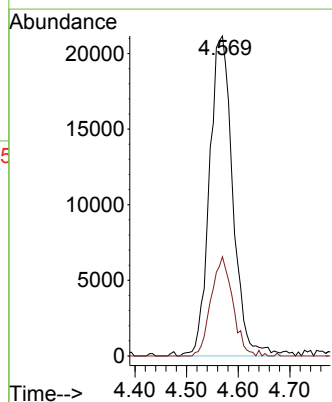
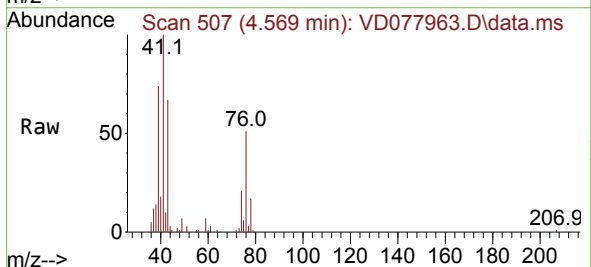
Instrument :
MSVOA_D
ClientSampleId :

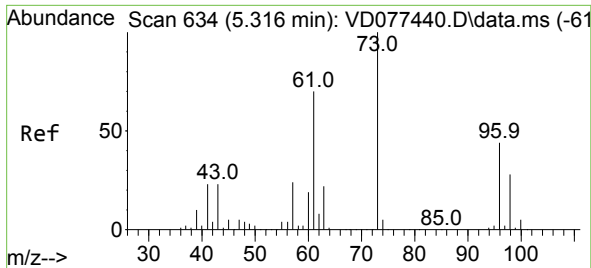
Tgt Ion: 76 Resp: 219707
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 56.120 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 43 Resp: 66342
Ion Ratio Lower Upper
43 100
74 28.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.495 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

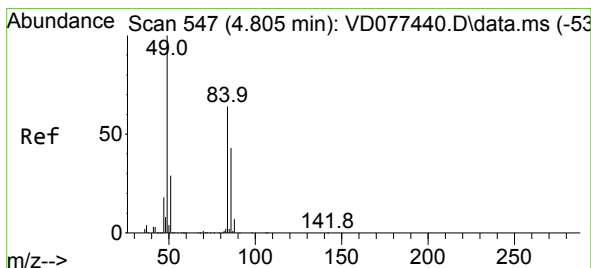
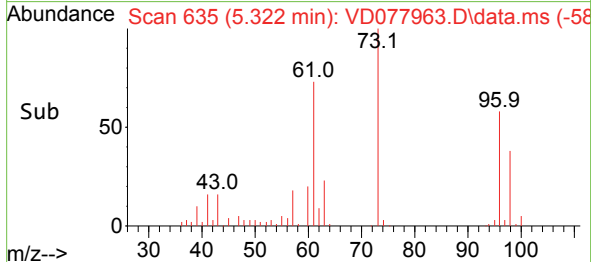
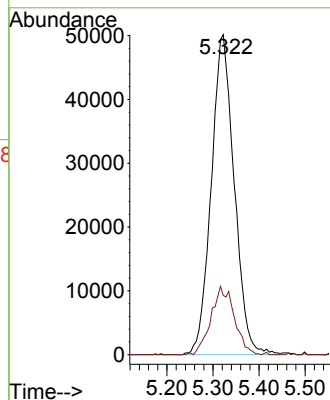
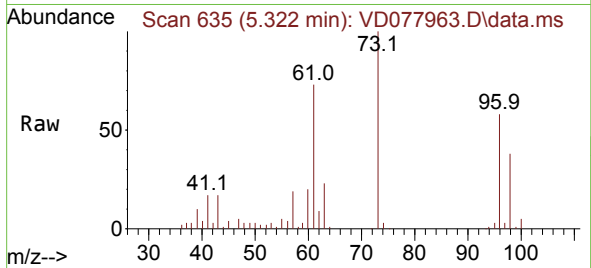
ClientSampleId :

Tgt Ion: 73 Resp: 173786

Ion Ratio Lower Upper

73 100

57 18.5 16.6 25.0



#20

Methylene Chloride

Concen: 51.383 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Tgt Ion: 84 Resp: 91102

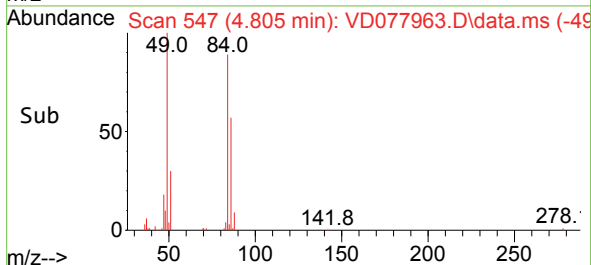
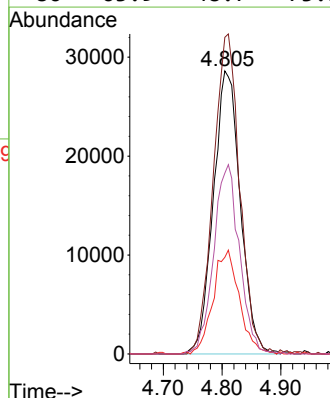
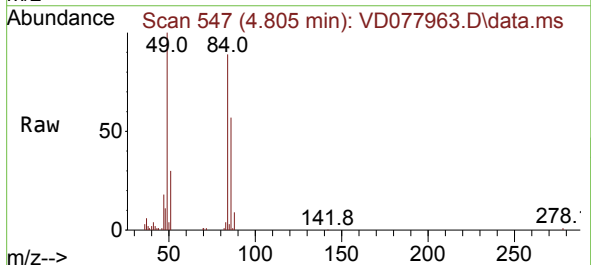
Ion Ratio Lower Upper

84 100

49 111.9 71.4 107.2#

51 34.1 24.5 36.7

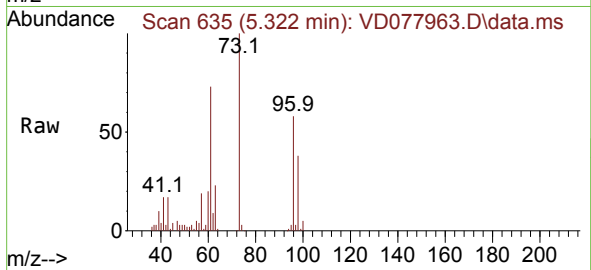
86 63.9 48.7 73.1



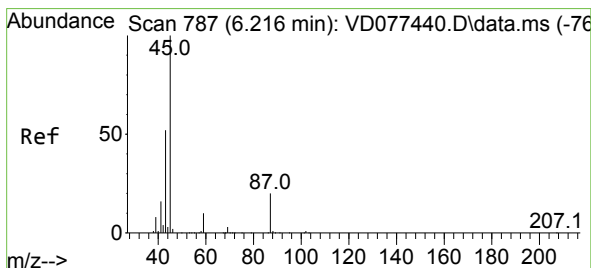
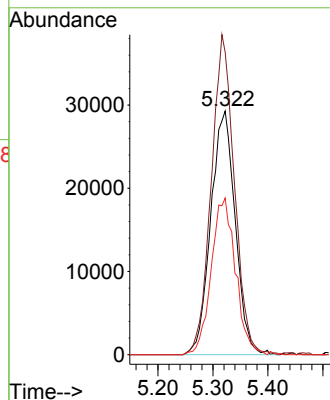
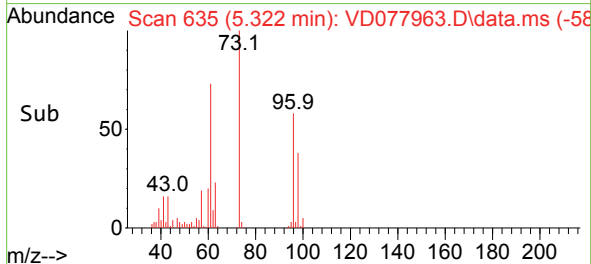


#21
trans-1,2-Dichloroethene
Concen: 52.232 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :

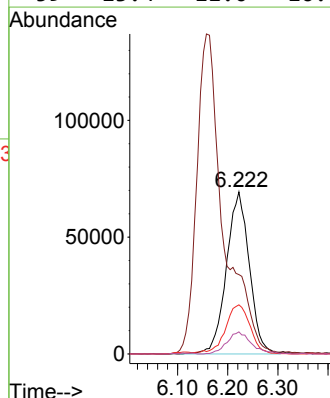
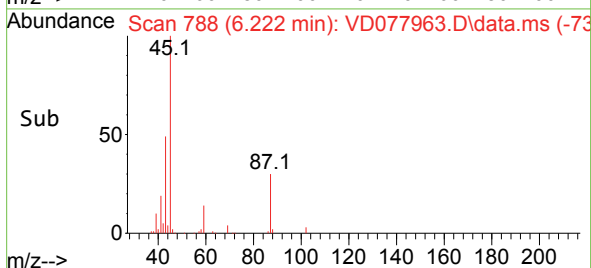
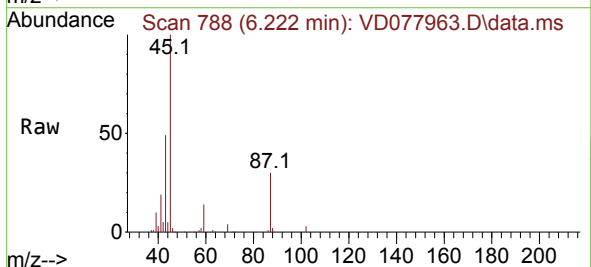


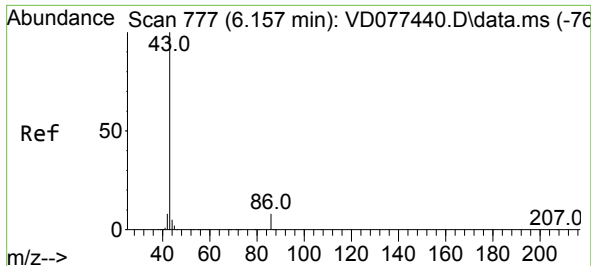
Tgt Ion: 96 Resp: 90587
Ion Ratio Lower Upper
96 100
61 124.2 89.3 133.9
98 64.3 48.6 73.0



#22
Diisopropyl ether
Concen: 50.055 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 45 Resp: 220280
Ion Ratio Lower Upper
45 100
43 47.7 40.0 60.0
87 30.0 28.2 42.4
59 13.4 11.0 16.4

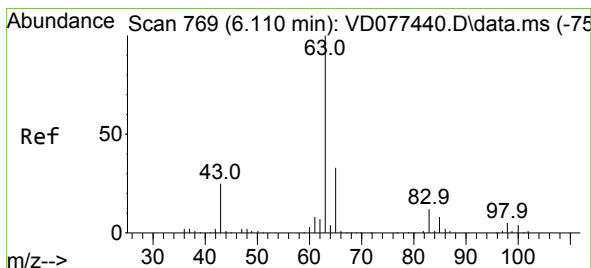
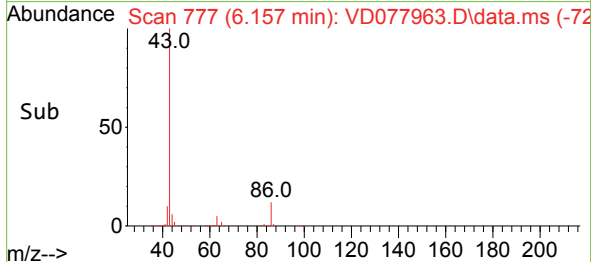
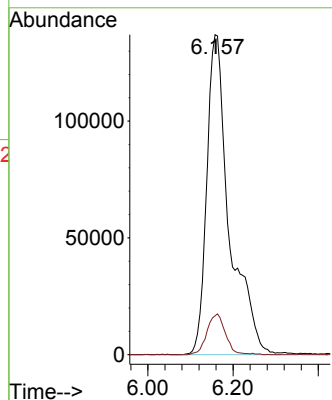
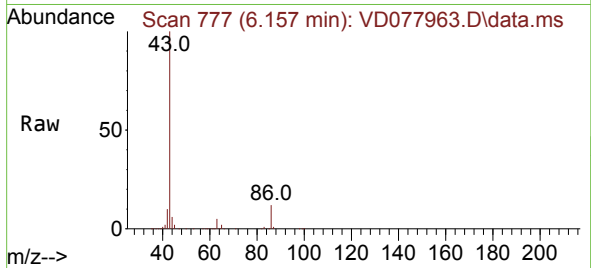




#23
 Vinyl Acetate
 Concen: 235.910 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

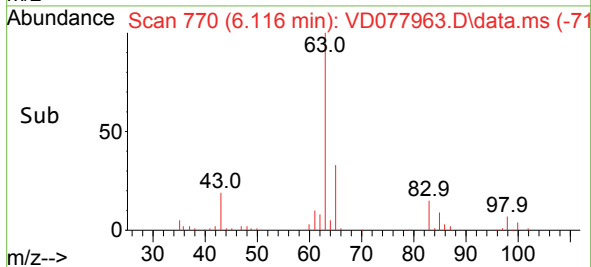
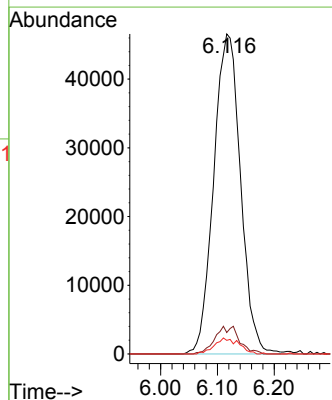
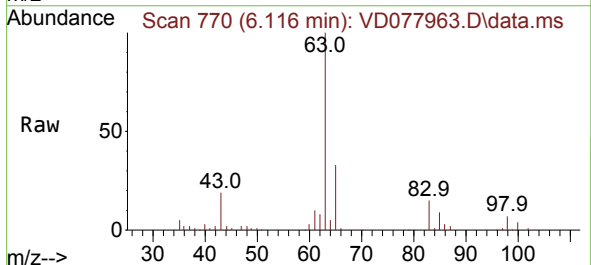
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 506988
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 51.205 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

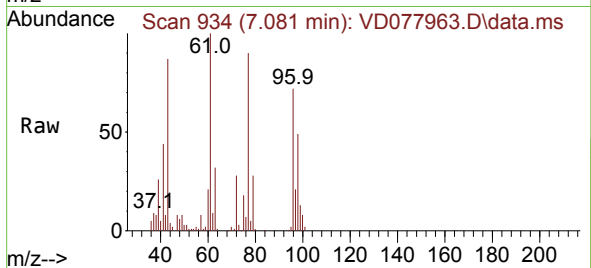
Tgt Ion: 63 Resp: 152601
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.5 13.7
 100 4.2 2.5 7.5



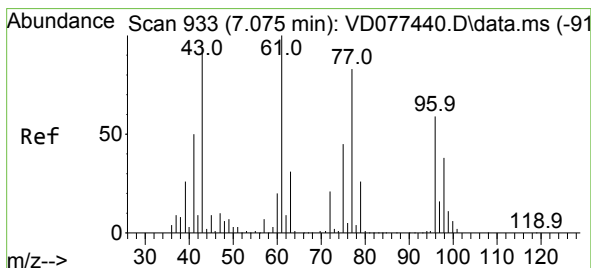
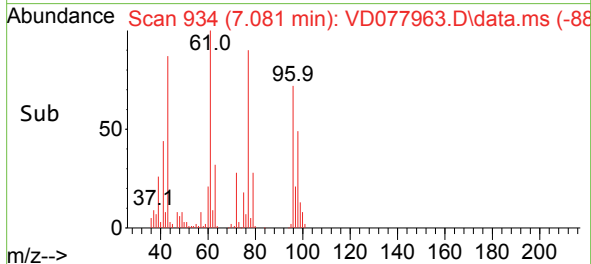
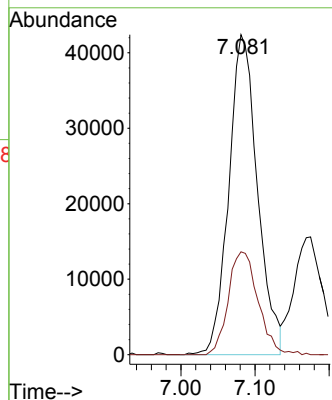


#25
2-Butanone
Concen: 278.294 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :

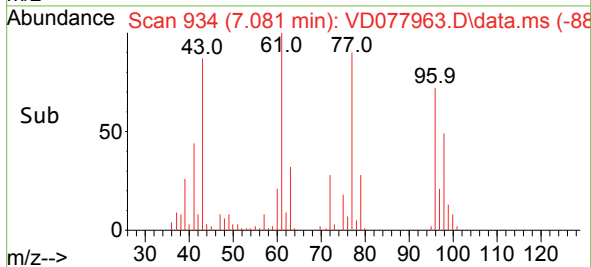
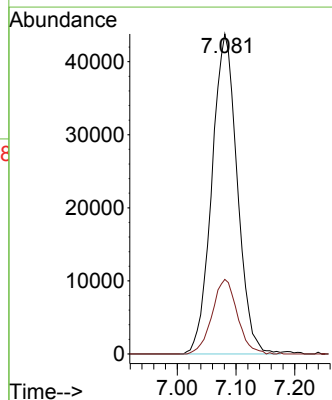
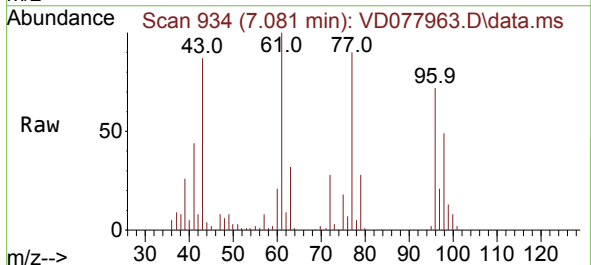


Tgt Ion: 43 Resp: 114125
Ion Ratio Lower Upper
43 100
72 32.2 30.7 46.1



#26
2,2-Dichloropropane
Concen: 52.552 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

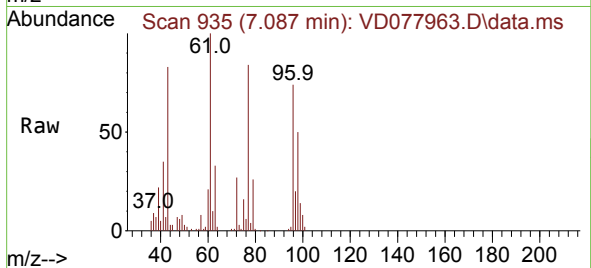
Tgt Ion: 77 Resp: 131496
Ion Ratio Lower Upper
77 100
97 23.2 13.2 39.6



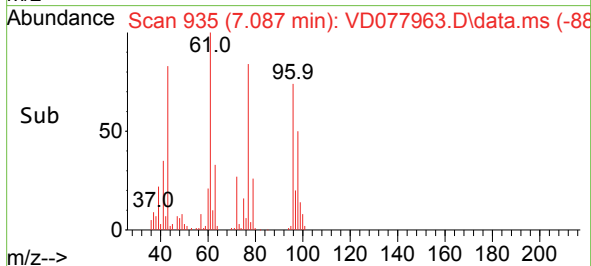
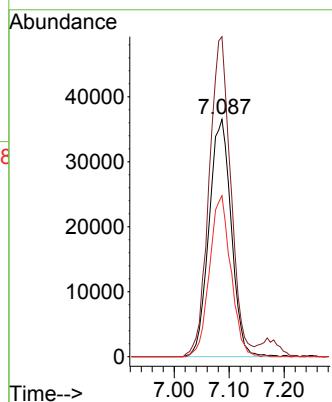


#27
 cis-1,2-Dichloroethene
 Concen: 54.992 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Instrument :
 MSVOA_D
 ClientSampleId :

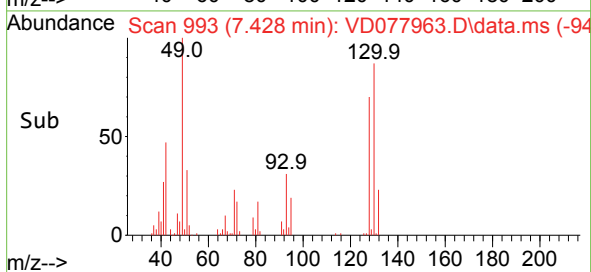
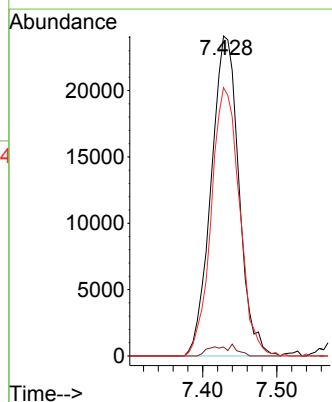
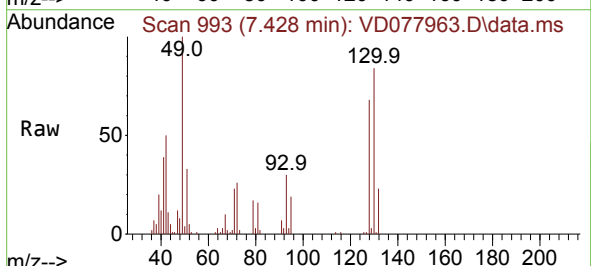


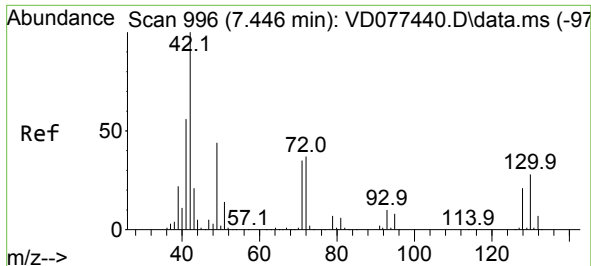
Tgt Ion: 96 Resp: 102624
 Ion Ratio Lower Upper
 96 100
 61 131.4 0.0 239.2
 98 65.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.083 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Tgt Ion: 49 Resp: 62720
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 85.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 246.624 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

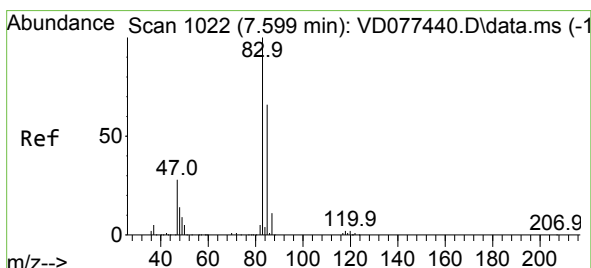
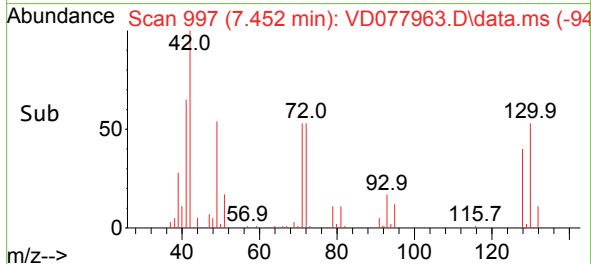
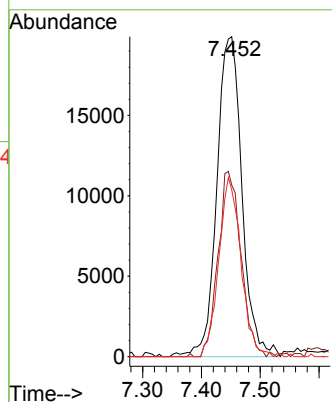
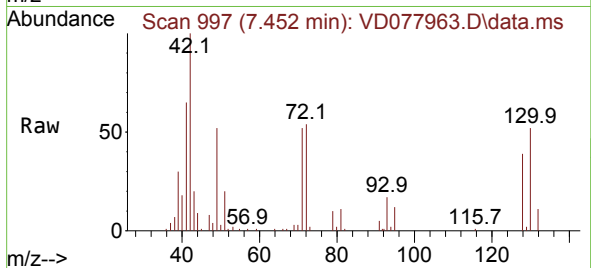
Tgt Ion: 42 Resp: 58949

Ion Ratio Lower Upper

42 100

72 52.7 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 54.339 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077963.D

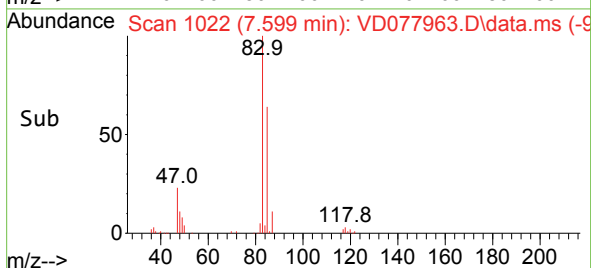
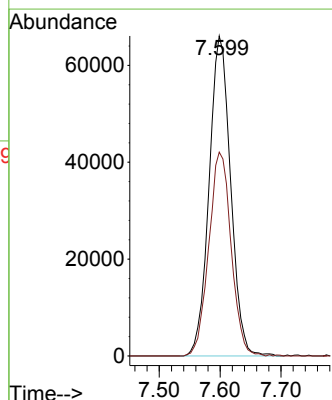
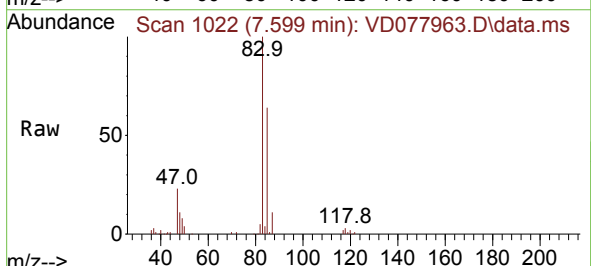
Acq: 19 Dec 2023 09:52

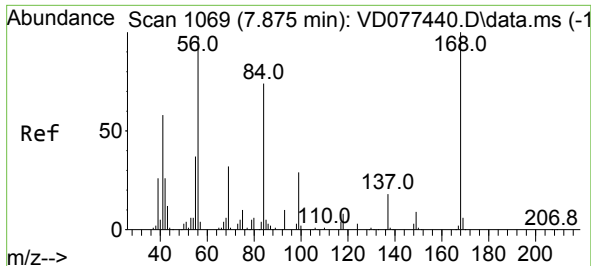
Tgt Ion: 83 Resp: 162076

Ion Ratio Lower Upper

83 100

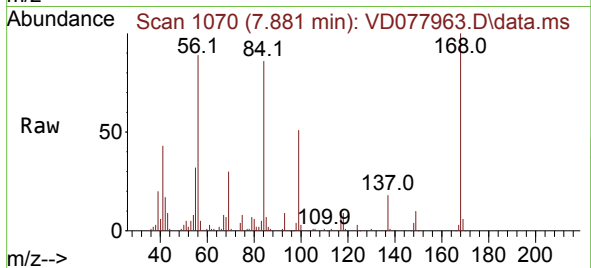
85 63.7 53.4 80.2



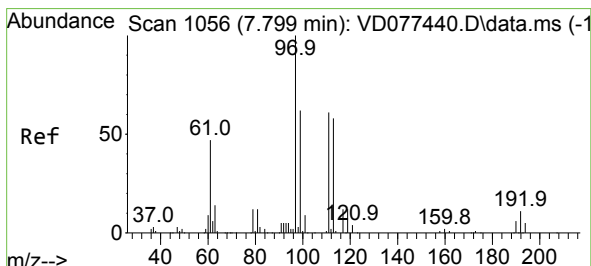
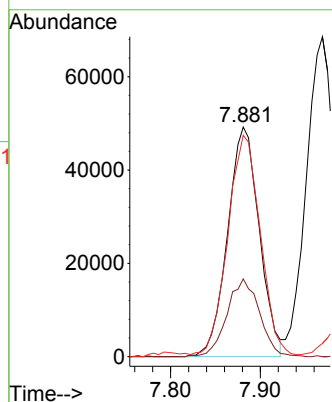
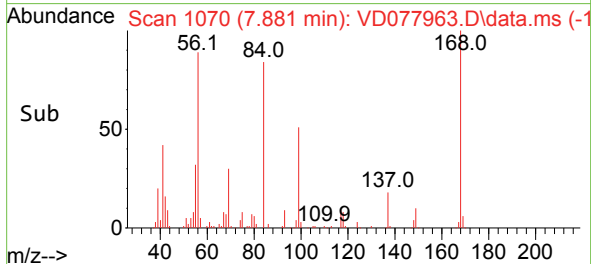


#31
Cyclohexane
Concen: 45.252 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

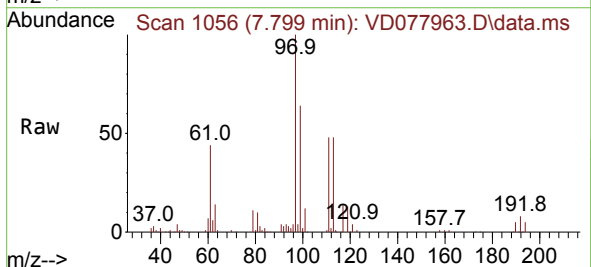
Instrument :
MSVOA_D
ClientSampleId :



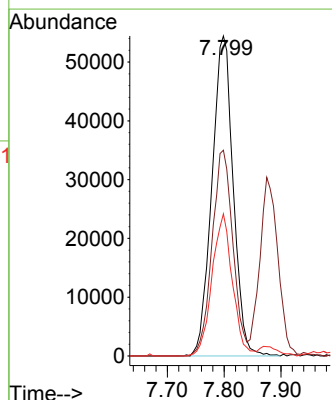
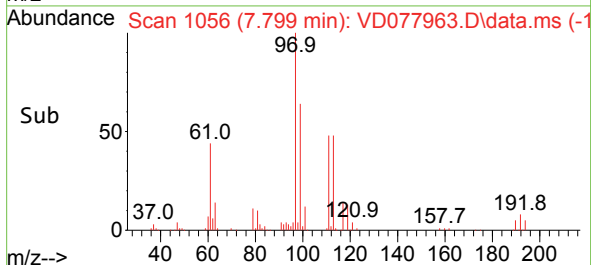
Tgt Ion: 56 Resp: 120816
Ion Ratio Lower Upper
56 100
69 33.9 28.6 43.0
84 95.3 84.8 127.2

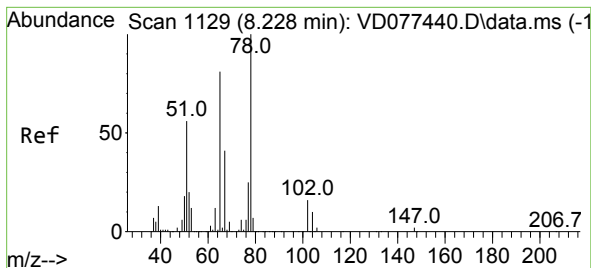


#32
1,1,1-Trichloroethane
Concen: 53.827 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52



Tgt Ion: 97 Resp: 141532
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 42.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.961 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

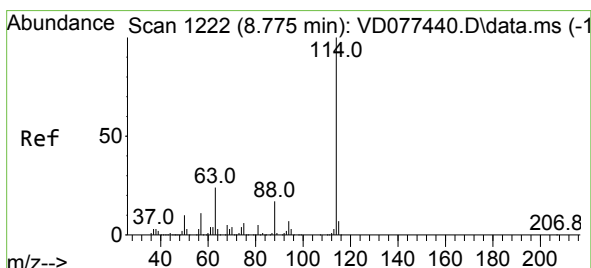
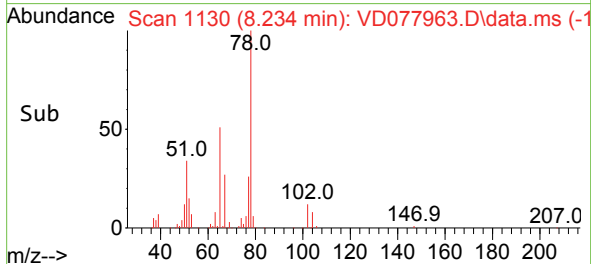
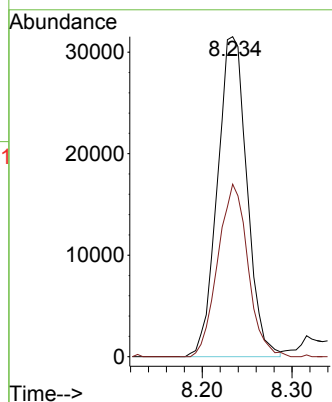
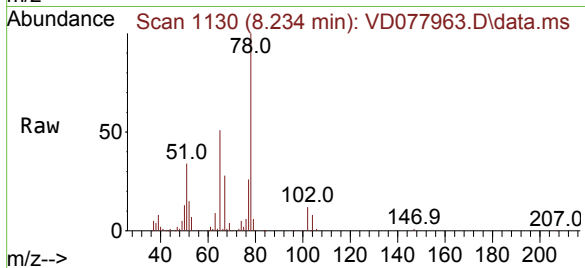
ClientSampleId :

Tgt Ion: 65 Resp: 71991

Ion Ratio Lower Upper

65 100

67 55.0 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: VD077963.D

Acq: 19 Dec 2023 09:52

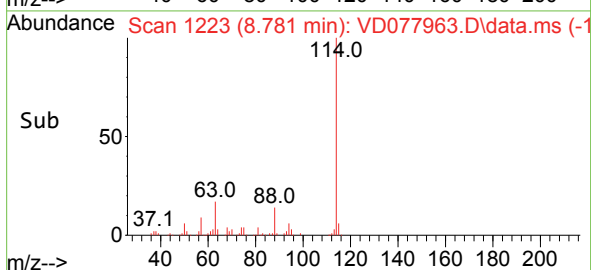
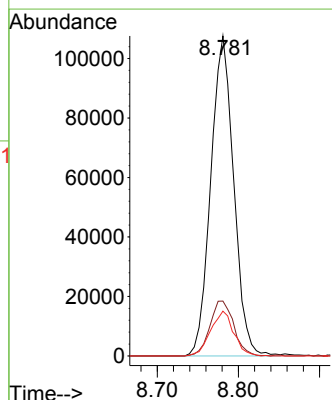
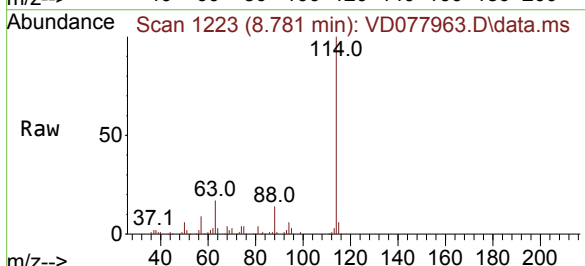
Tgt Ion: 114 Resp: 211300

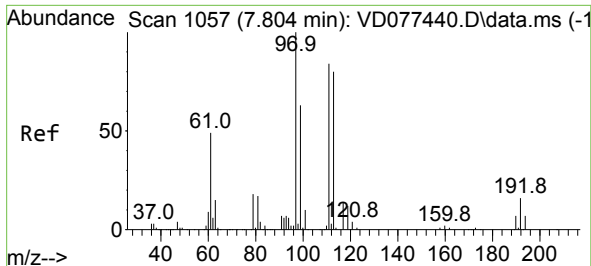
Ion Ratio Lower Upper

114 100

63 17.2 0.0 33.4

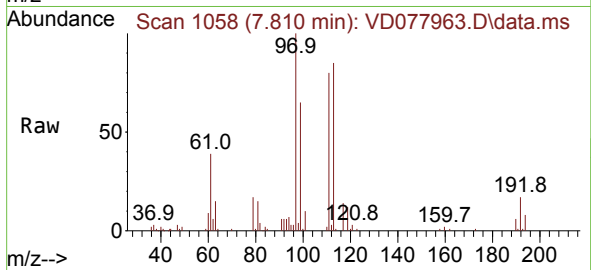
88 14.0 0.0 26.2



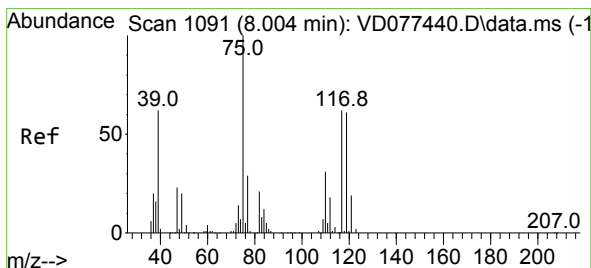
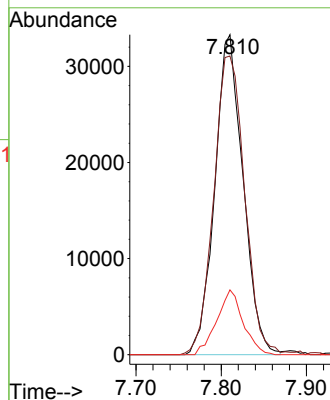
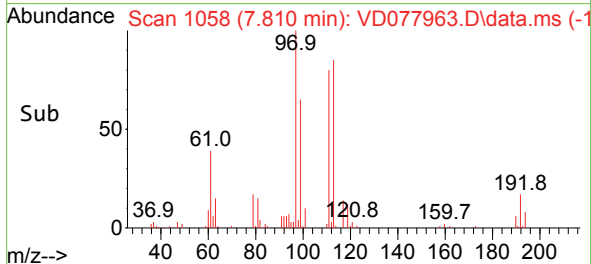


#35
Dibromofluoromethane
Concen: 51.869 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :

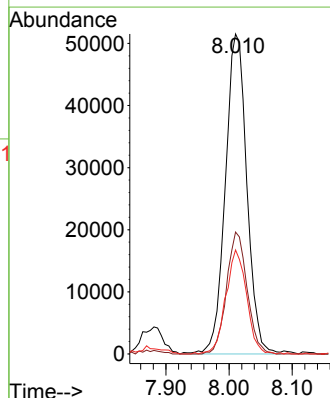
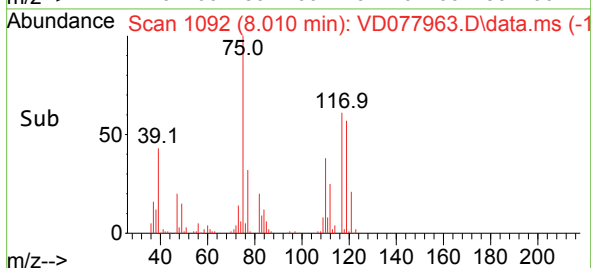
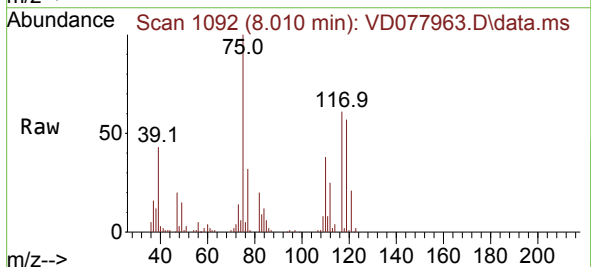


Tgt Ion:113 Resp: 76771
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.552 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 75 Resp: 122048
Ion Ratio Lower Upper
75 100
110 36.4 19.9 59.6
77 31.4 24.7 37.1

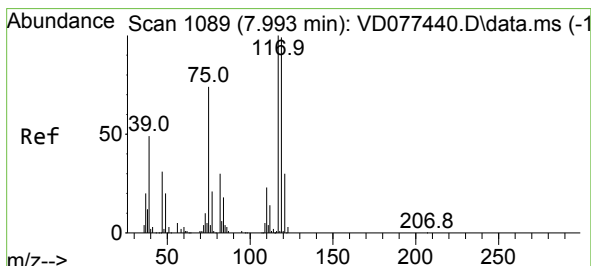
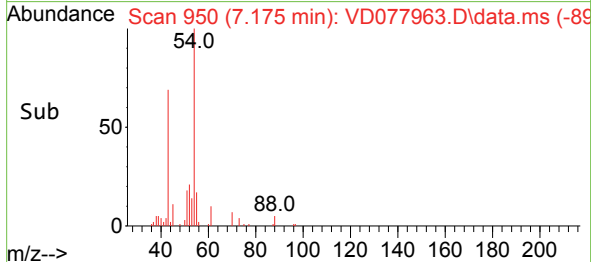
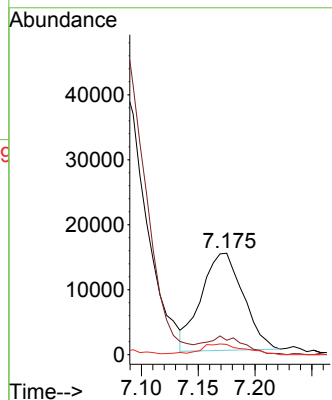
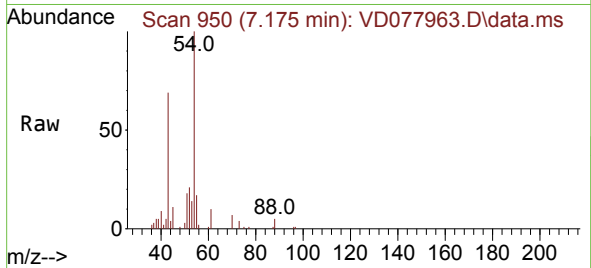




#37
Ethyl Acetate
Concen: 41.730 ug/l
RT: 7.175 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

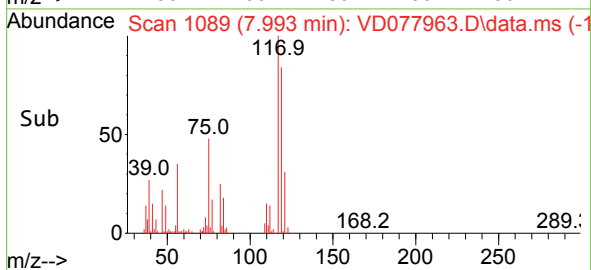
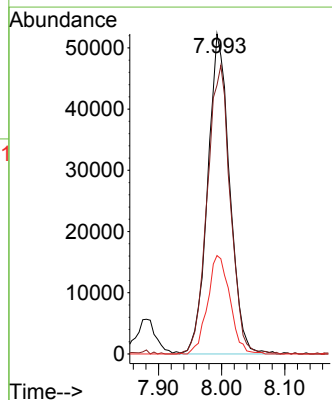
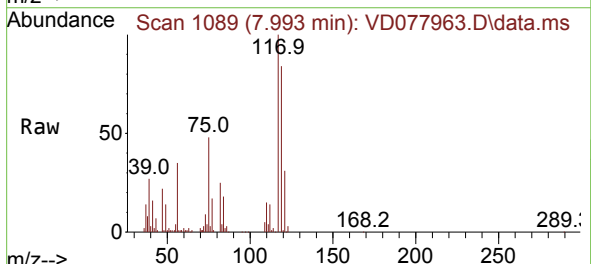
Instrument :
MSVOA_D
ClientSampleId :

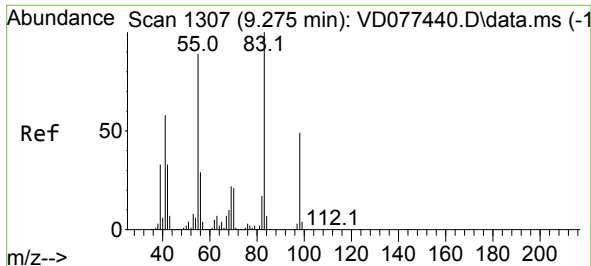
Tgt Ion: 43 Resp: 38522
Ion Ratio Lower Upper
43 100
61 17.4 14.9 22.3
70 11.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 53.541 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 117 Resp: 126368
Ion Ratio Lower Upper
117 100
119 84.0 78.0 117.0
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 51.473 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

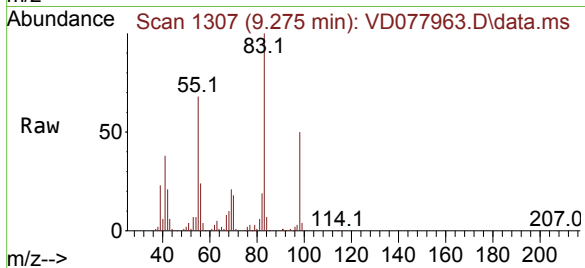
Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :



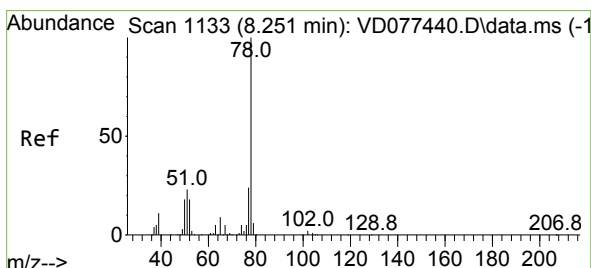
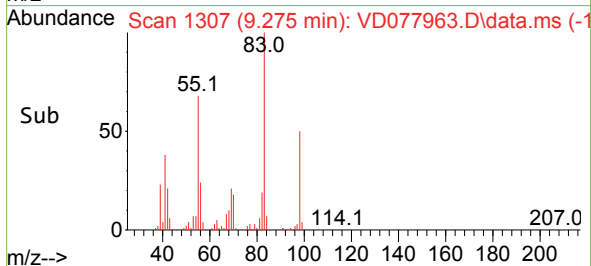
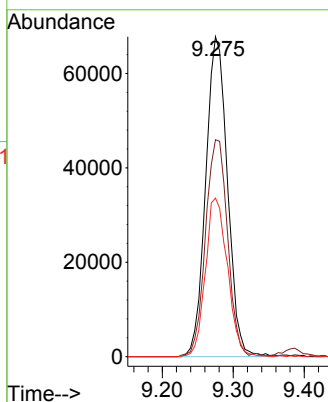
Tgt Ion: 83 Resp: 144466

Ion Ratio Lower Upper

83 100

55 67.8 49.4 74.0

98 49.6 38.4 57.6



#40

Benzene

Concen: 52.858 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077963.D

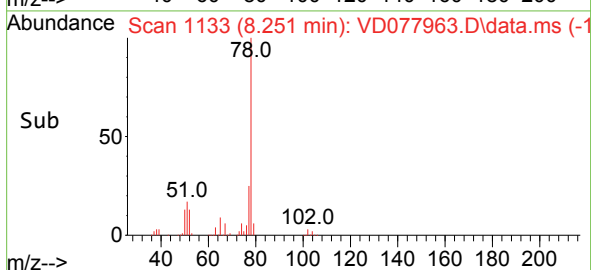
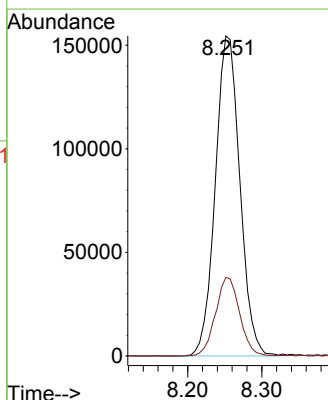
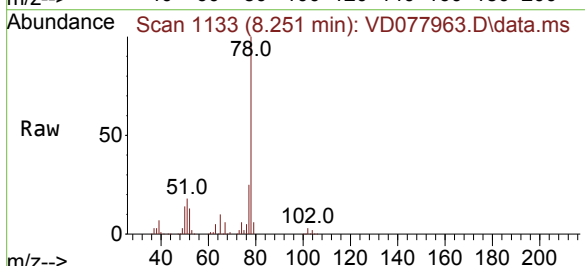
Acq: 19 Dec 2023 09:52

Tgt Ion: 78 Resp: 355175

Ion Ratio Lower Upper

78 100

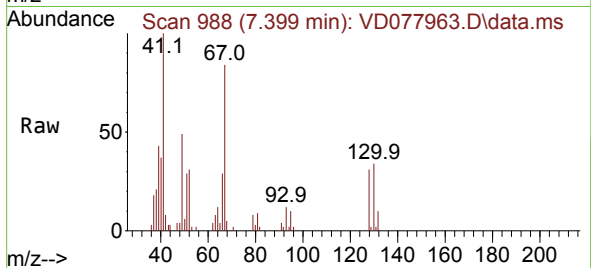
77 24.5 19.4 29.0



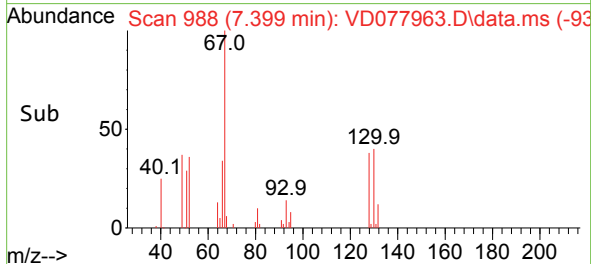
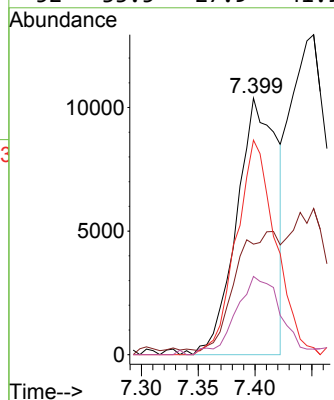


#41
Methacrylonitrile
Concen: 54.675 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :

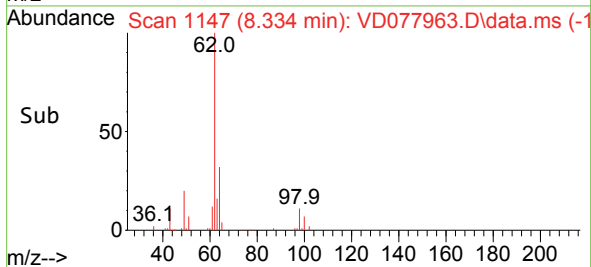
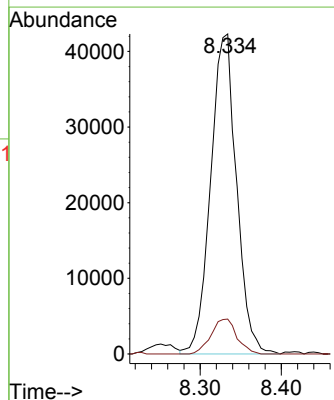
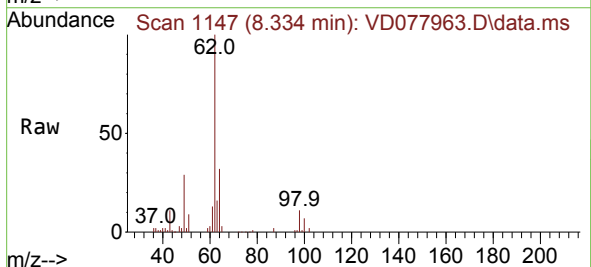


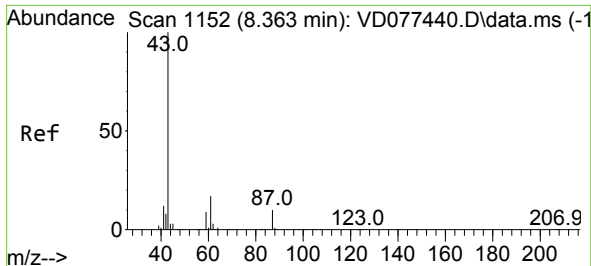
Tgt Ion:	41	Resp:	25653
Ion Ratio	Lower	Upper	
41	100		
39	50.4	34.0	51.0
67	81.5	77.0	115.4
52	33.5	27.9	41.9



#42
1,2-Dichloroethane
Concen: 53.921 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:	62	Resp:	93918
Ion Ratio	Lower	Upper	
62	100		
98	10.9	0.0	25.4

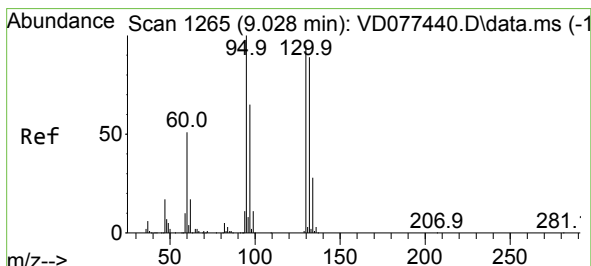
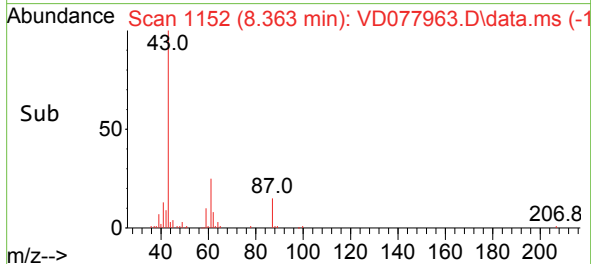
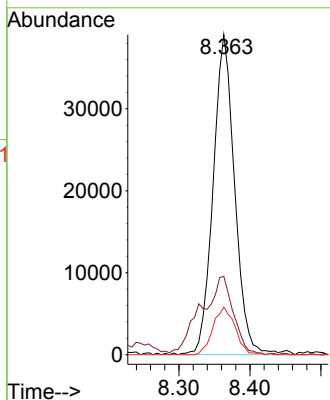
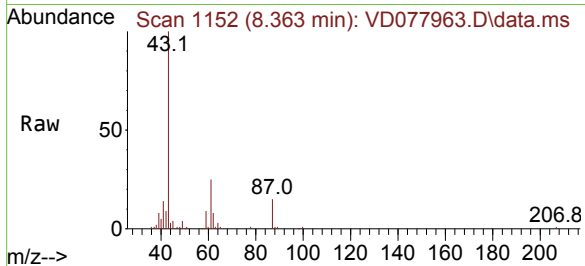




#43
Isopropyl Acetate
Concen: 49.924 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

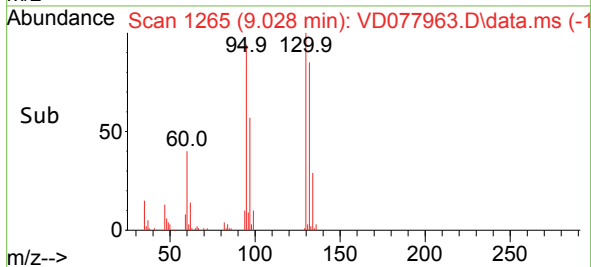
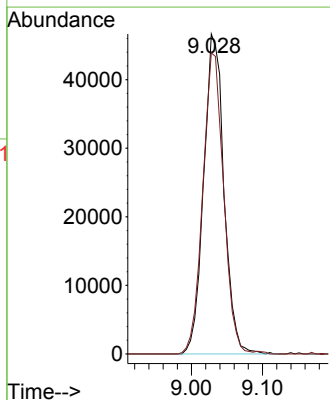
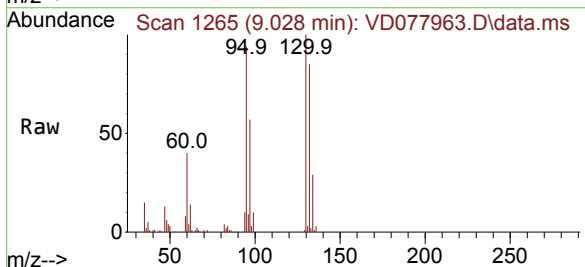
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 43 Resp: 81924
Ion Ratio Lower Upper
43 100
61 36.8 31.4 47.0
87 15.4 14.9 22.3



#44
Trichloroethene
Concen: 52.835 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:130 Resp: 92517
Ion Ratio Lower Upper
130 100
95 94.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 55.691 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

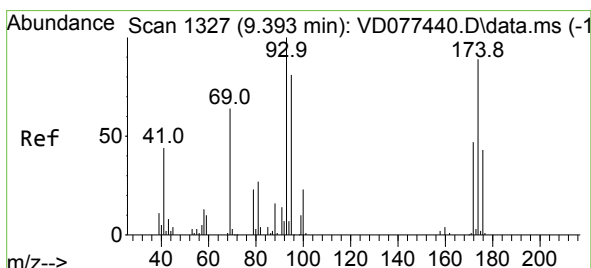
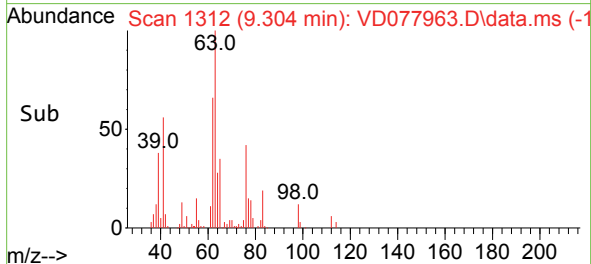
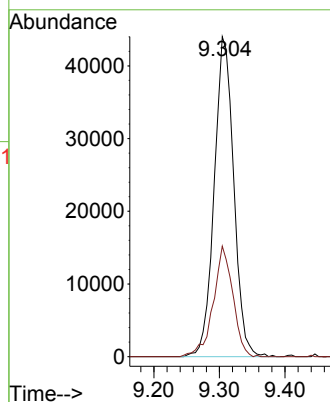
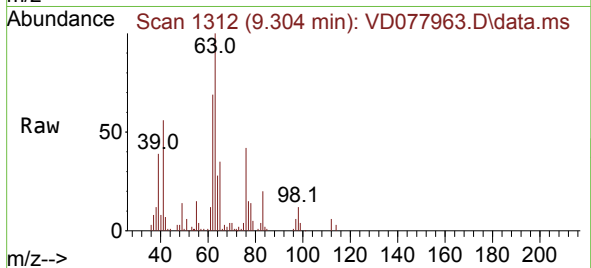
ClientSampleId :

Tgt Ion: 63 Resp: 90969

Ion Ratio Lower Upper

63 100

65 34.6 24.5 36.7



#46

Dibromomethane

Concen: 58.619 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

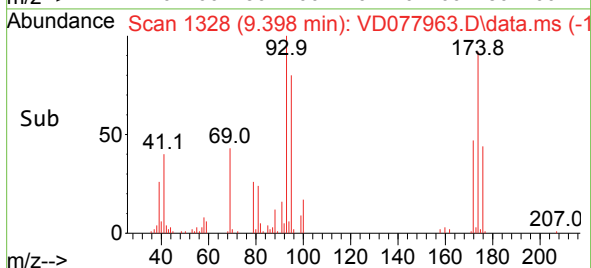
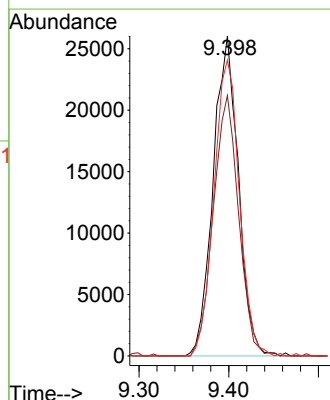
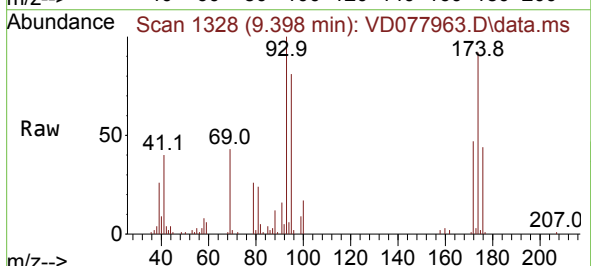
Tgt Ion: 93 Resp: 50664

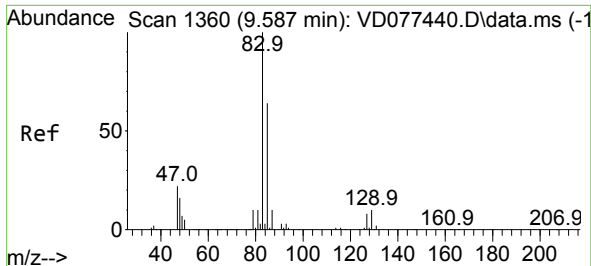
Ion Ratio Lower Upper

93 100

95 82.0 67.7 101.5

174 93.8 85.4 128.2

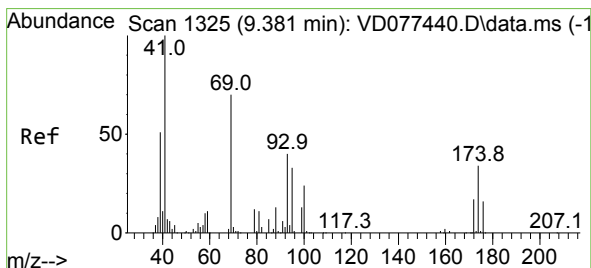
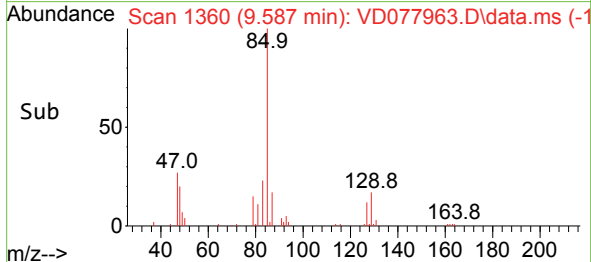
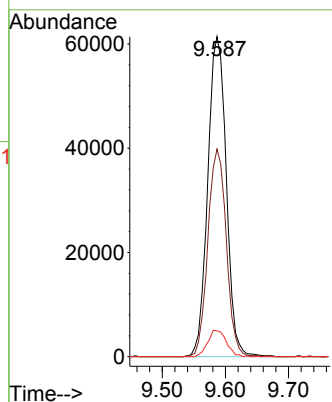
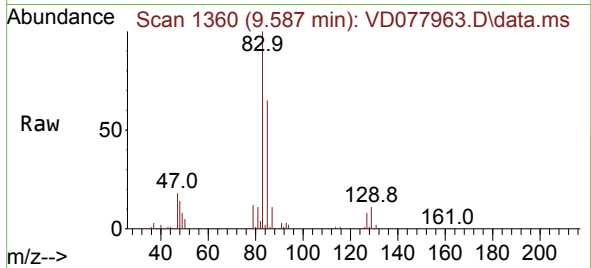




#47
Bromodichloromethane
Concen: 57.190 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

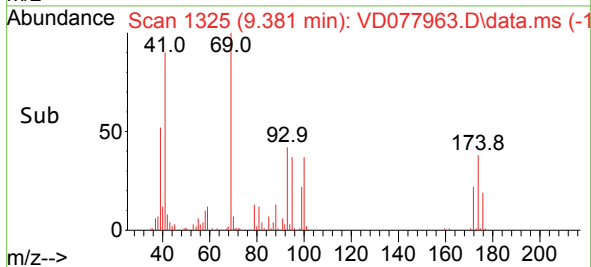
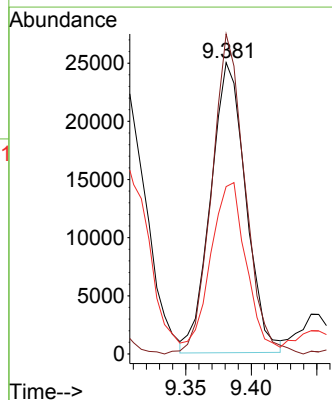
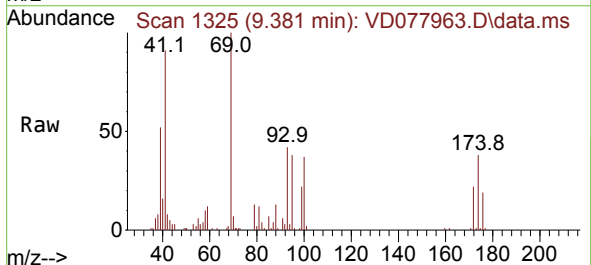
Instrument :
MSVOA_D
ClientSampleId :

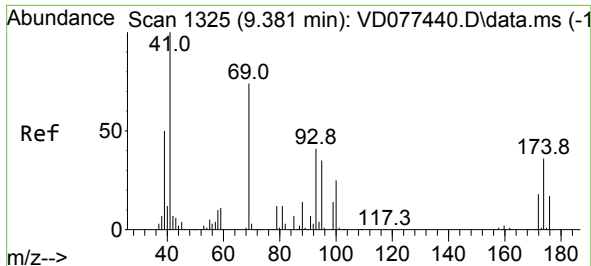
Tgt Ion: 83 Resp: 125284
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 49.775 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 41 Resp: 46431
Ion Ratio Lower Upper
41 100
69 104.1 102.2 153.2
39 54.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1143.075 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

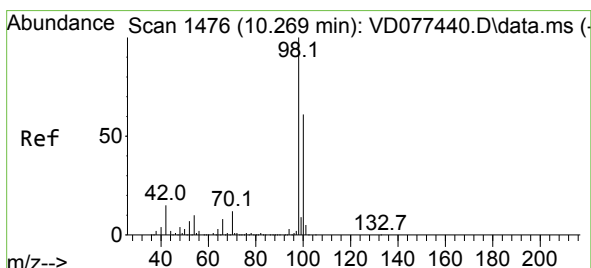
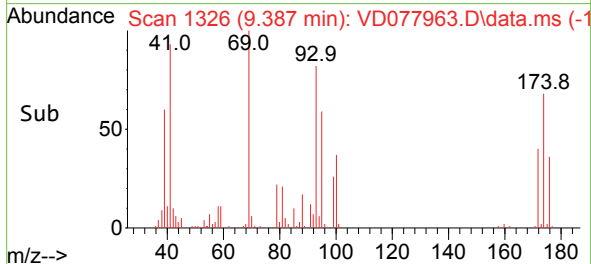
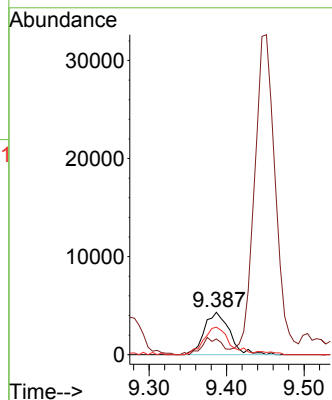
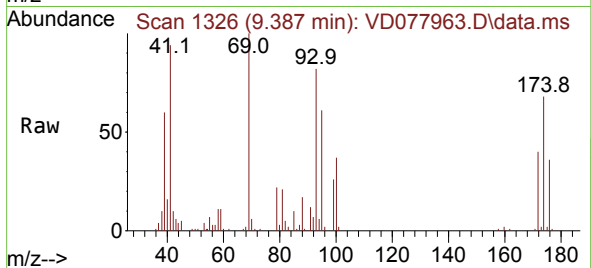
Tgt Ion: 88 Resp: 9810

Ion Ratio Lower Upper

88 100

43 32.7 19.0 28.6#

58 65.1 43.5 65.3



#50

Toluene-d8

Concen: 51.225 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077963.D

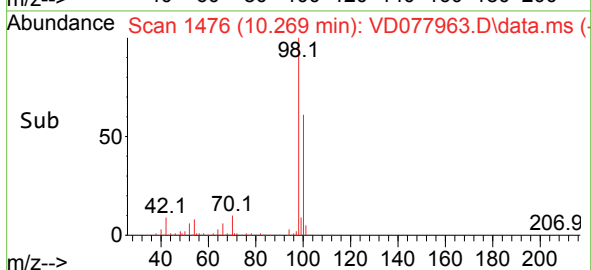
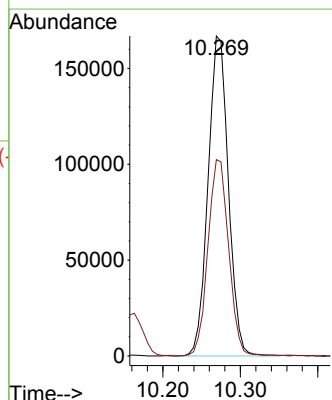
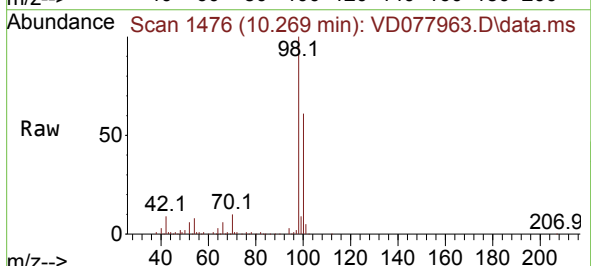
Acq: 19 Dec 2023 09:52

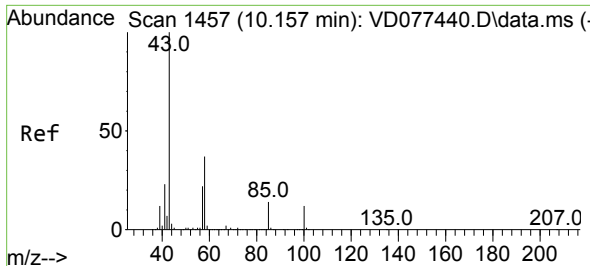
Tgt Ion: 98 Resp: 303661

Ion Ratio Lower Upper

98 100

100 62.8 50.3 75.5

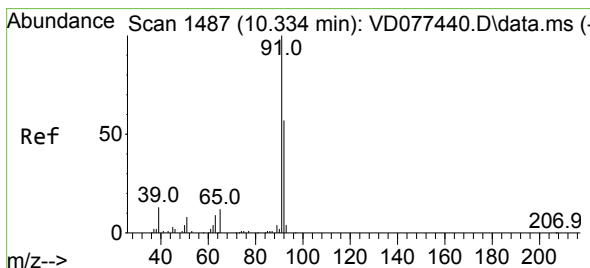
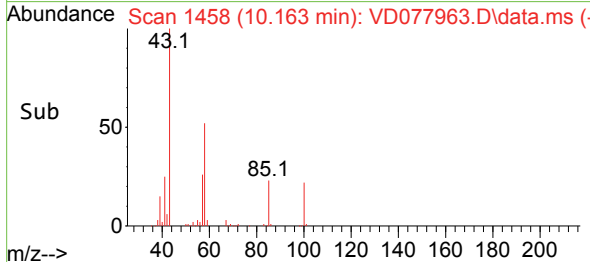
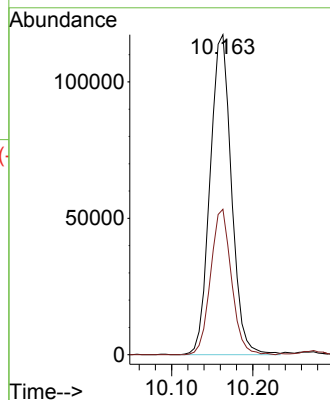
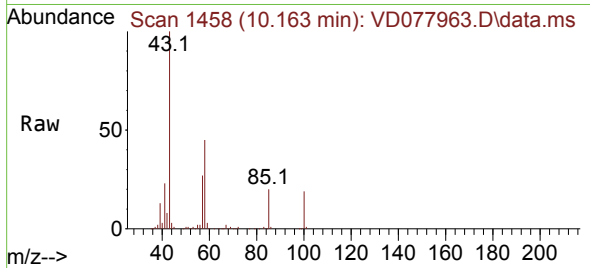




#51
4-Methyl-2-Pentanone
Concen: 256.375 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

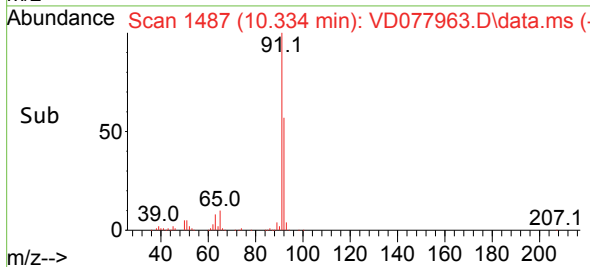
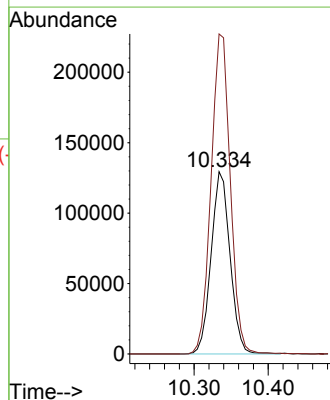
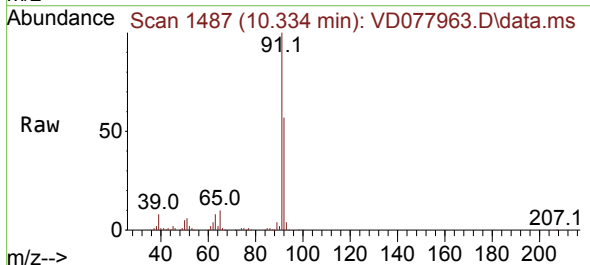
Instrument :
MSVOA_D
ClientSampleId :

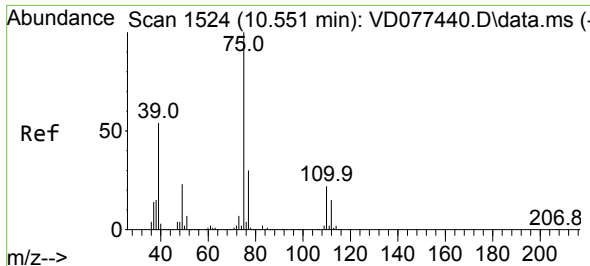
Tgt Ion: 43 Resp: 214712
Ion Ratio Lower Upper
43 100
58 44.3 38.9 58.3



#52
Toluene
Concen: 55.072 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 92 Resp: 229543
Ion Ratio Lower Upper
92 100
91 178.4 143.0 214.4

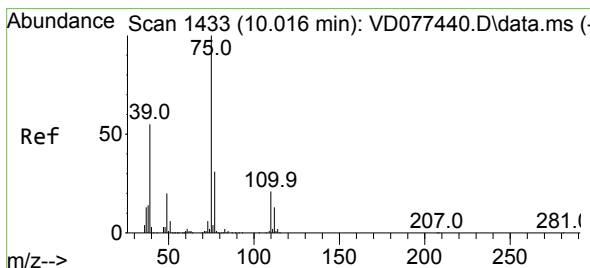
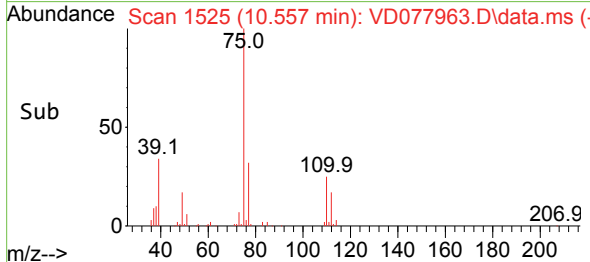
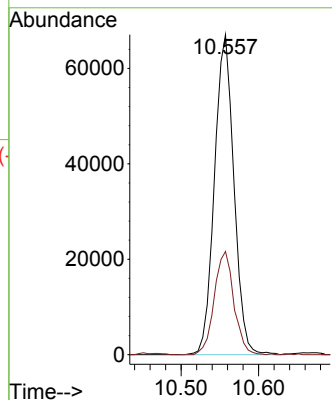
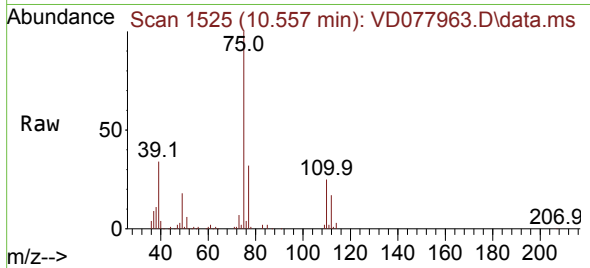




#53
 t-1,3-Dichloropropene
 Concen: 55.524 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

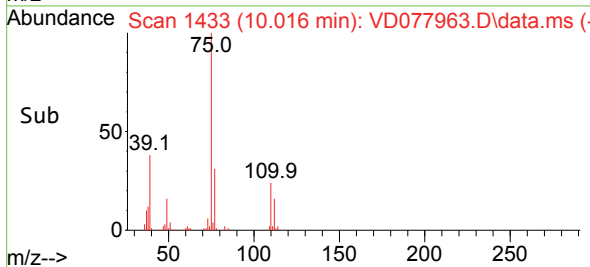
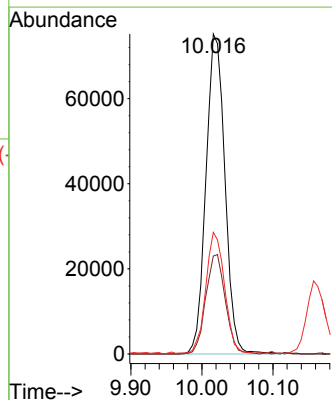
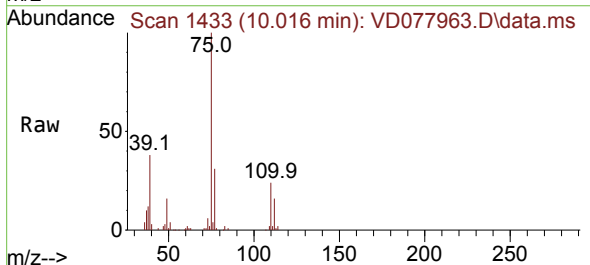
Instrument :
 MSVOA_D
 ClientSampleId :

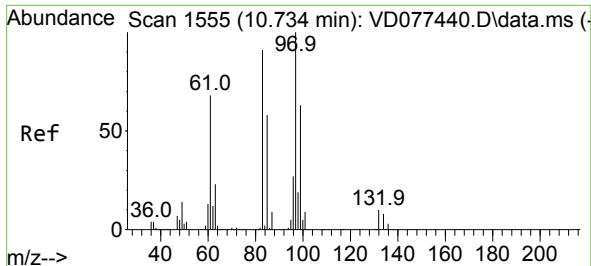
Tgt Ion: 75 Resp: 116805
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.940 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

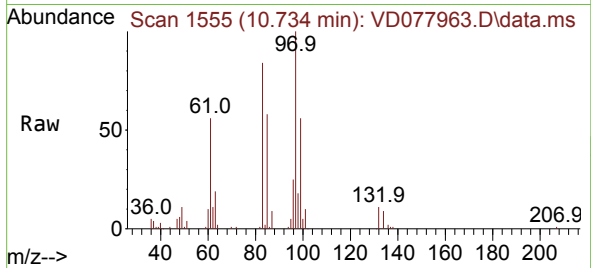
Tgt Ion: 75 Resp: 139737
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.5 38.3
 39 37.8 22.1 33.1#



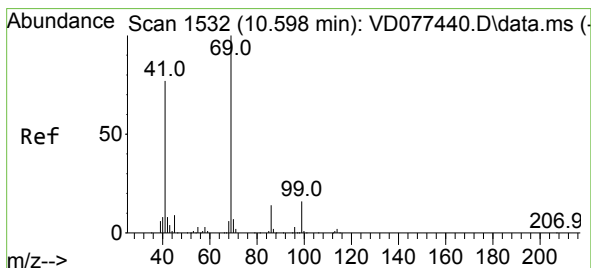
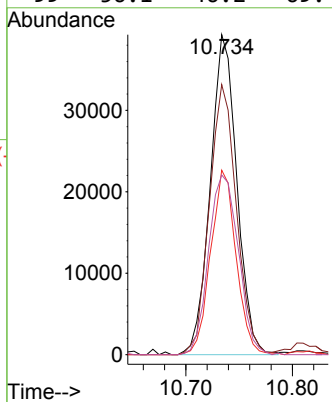
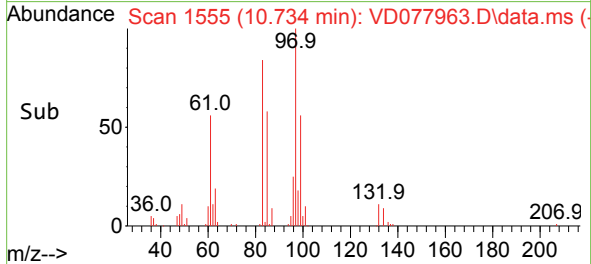


#55
1,1,2-Trichloroethane
Concen: 57.592 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Instrument :
MSVOA_D
ClientSampleId :

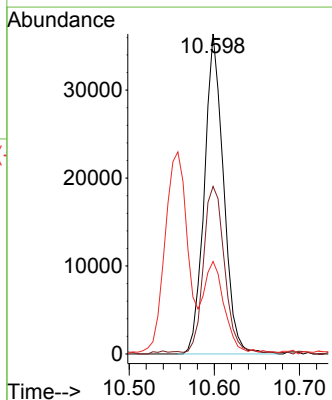
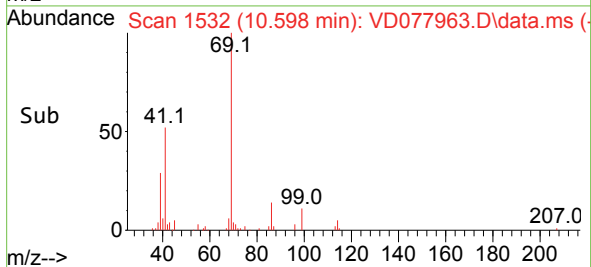
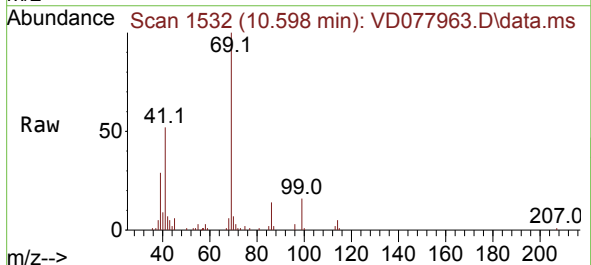


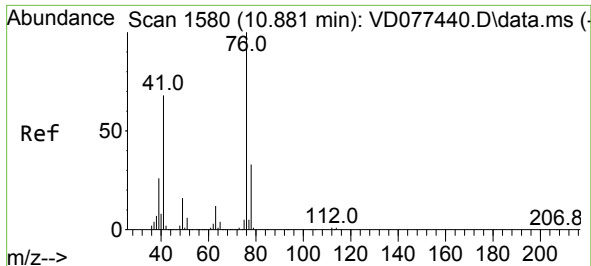
Tgt Ion:	97	Resp:	68086
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.8	98.6
85	57.6	45.7	68.5
99	56.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 54.797 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:	69	Resp:	57107
Ion	Ratio	Lower	Upper
69	100		
41	56.2	39.1	58.7
39	30.2	20.0	30.0#

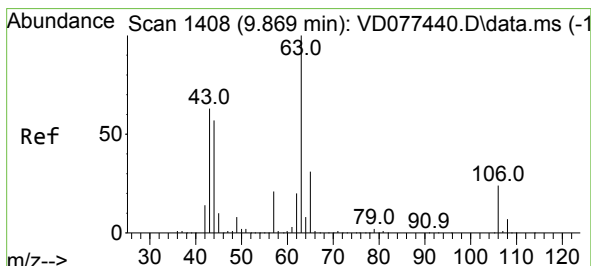
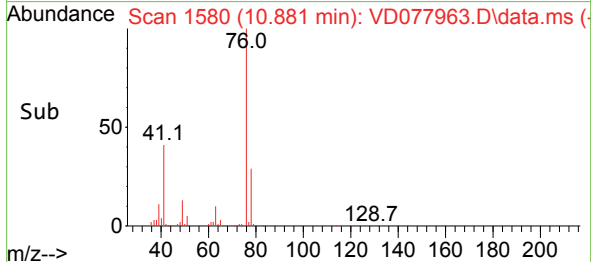
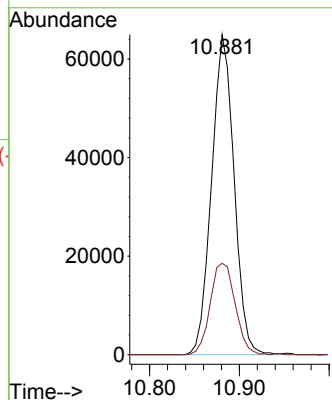
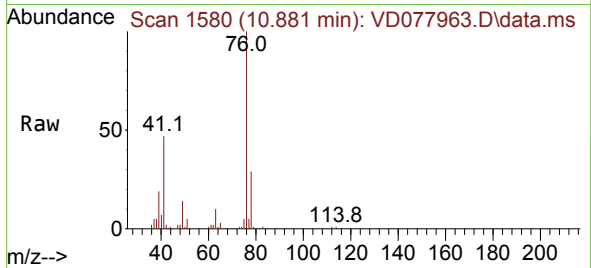




#57
1,3-Dichloropropane
Concen: 55.437 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

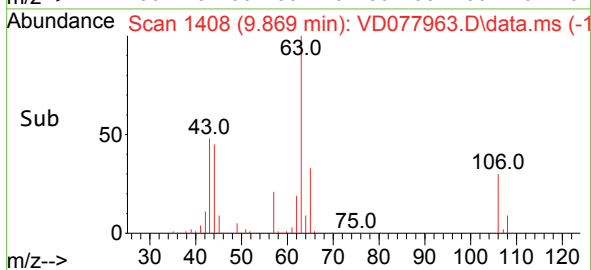
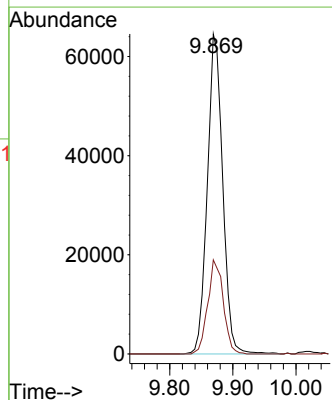
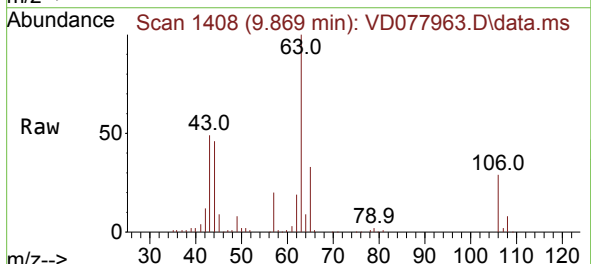
Instrument :
MSVOA_D
ClientSampleId :

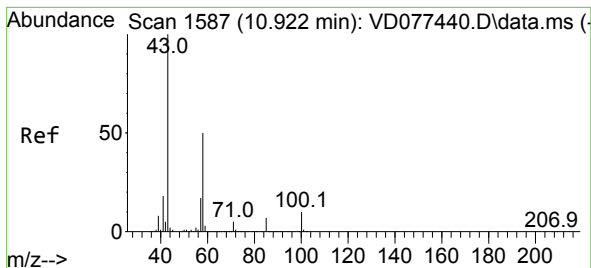
Tgt Ion: 76 Resp: 112970
Ion Ratio Lower Upper
76 100
78 31.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 183.927 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 63 Resp: 109311
Ion Ratio Lower Upper
63 100
106 29.7 25.3 37.9

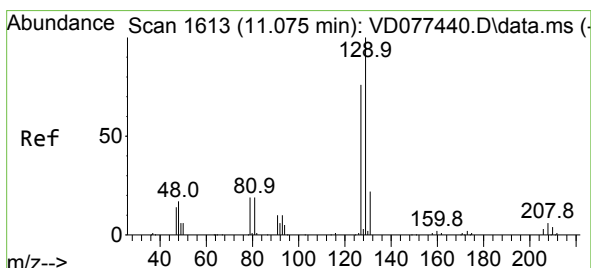
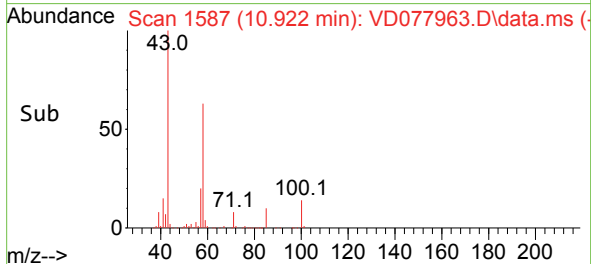
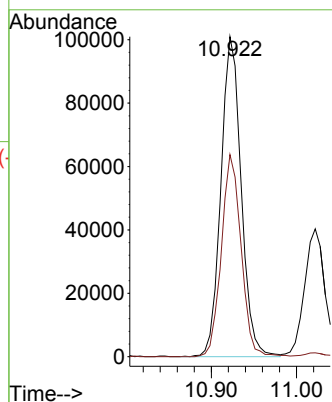
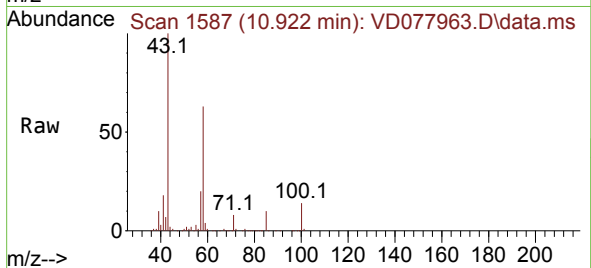




#59
2-Hexanone
Concen: 240.402 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

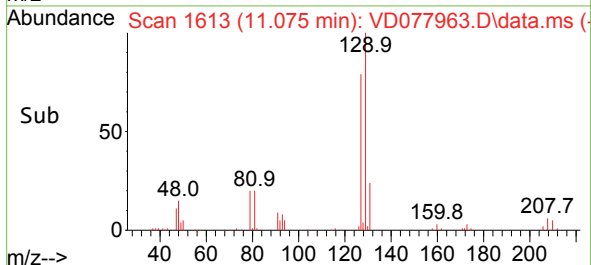
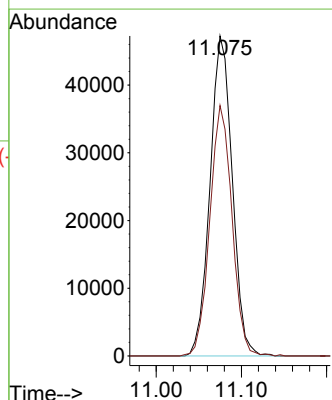
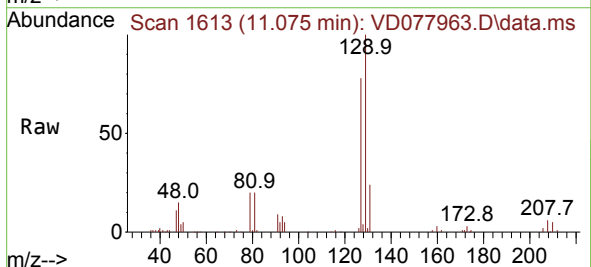
Instrument :
MSVOA_D
ClientSampleId :

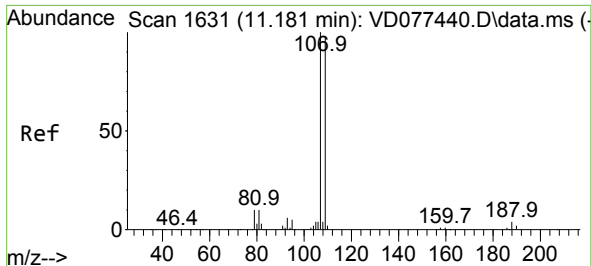
Tgt Ion: 43 Resp: 167037
Ion Ratio Lower Upper
43 100
58 61.3 34.1 102.2



#60
Dibromochloromethane
Concen: 60.235 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:129 Resp: 85736
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

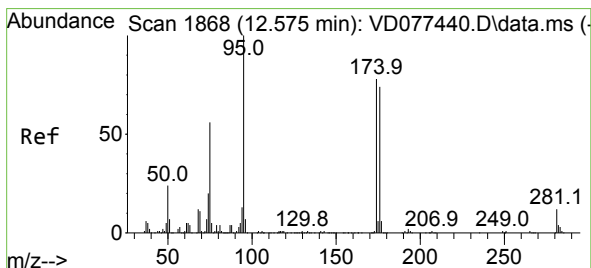
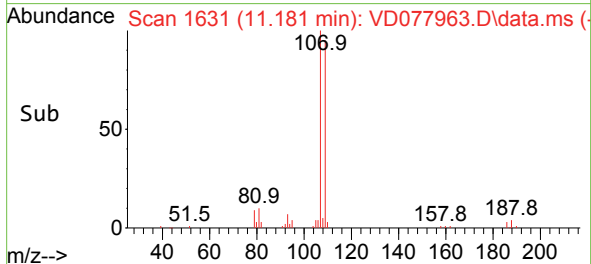
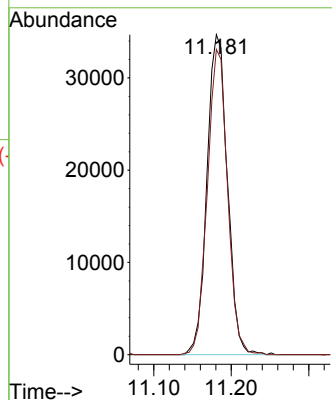
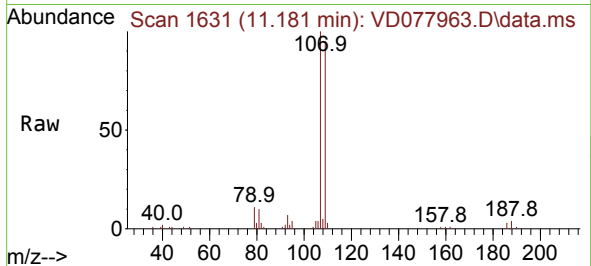




#61
1,2-Dibromoethane
Concen: 57.016 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

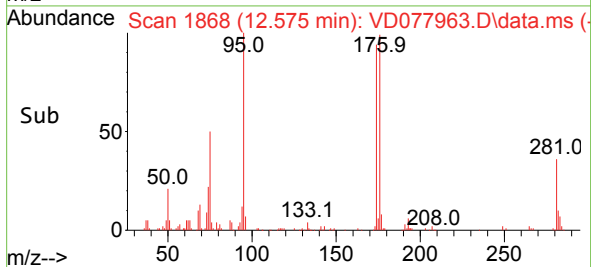
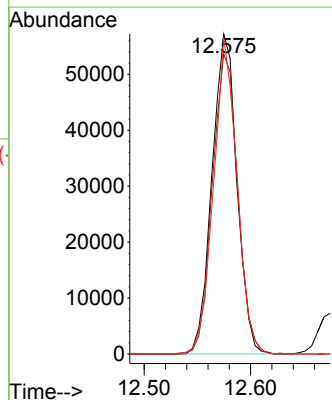
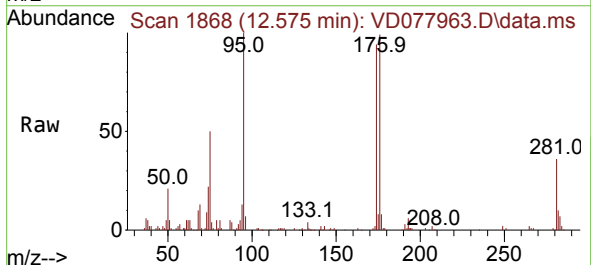
Instrument :
MSVOA_D
ClientSampleId :

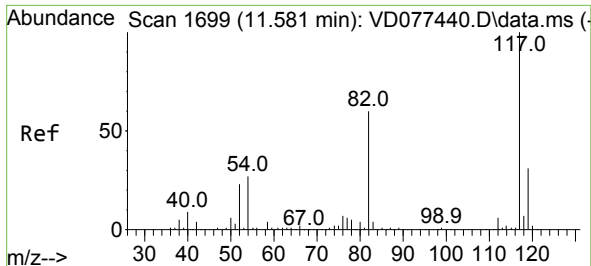
Tgt Ion:107 Resp: 63450
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.158 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 95 Resp: 92440
Ion Ratio Lower Upper
95 100
174 95.3 0.0 201.8
176 93.8 0.0 191.8

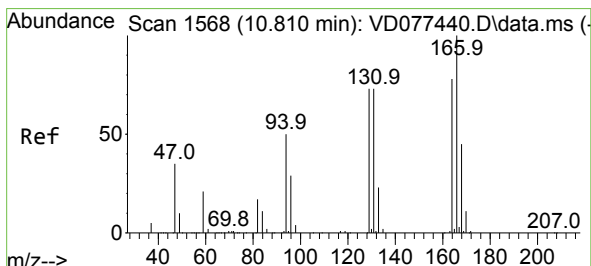
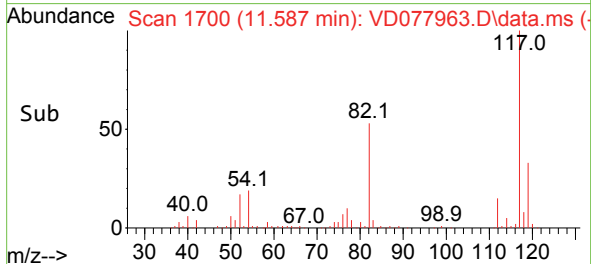
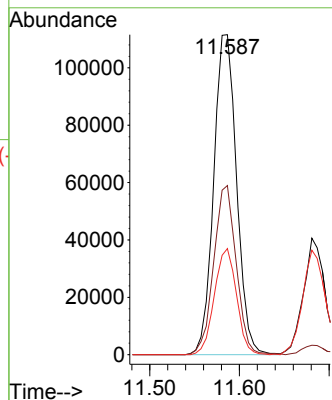
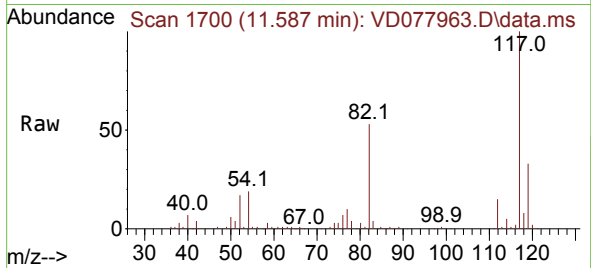




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

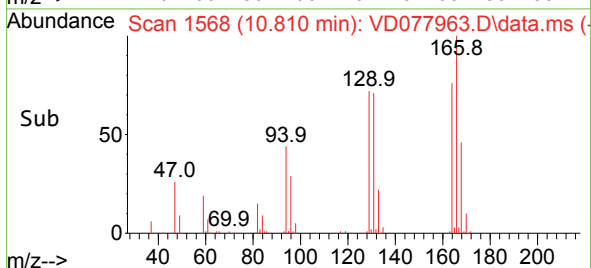
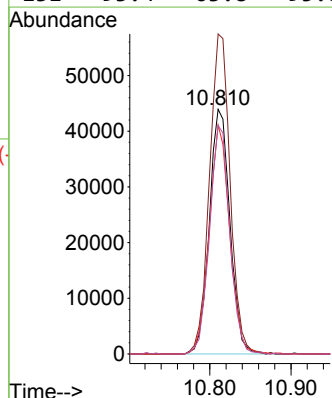
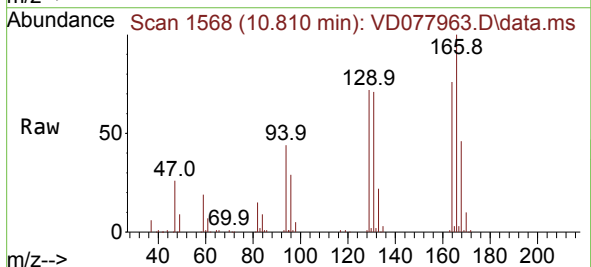
Instrument :
MSVOA_D
ClientSampleId :

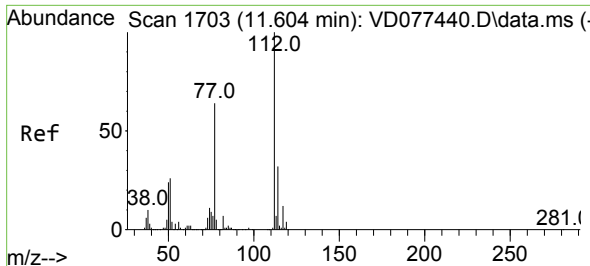
Tgt Ion:117 Resp: 197791
Ion Ratio Lower Upper
117 100
82 52.8 38.3 57.5
119 33.2 25.0 37.4



#64
Tetrachloroethene
Concen: 53.243 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

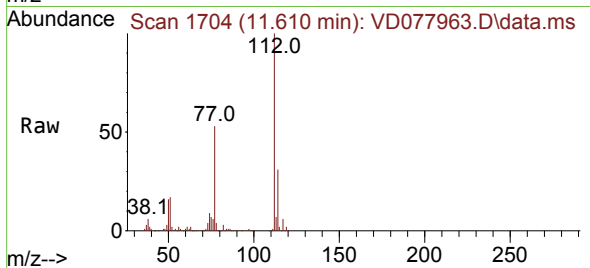
Tgt Ion:164 Resp: 77401
Ion Ratio Lower Upper
164 100
166 130.8 99.2 148.8
129 93.6 68.4 102.6
131 93.4 63.8 95.8



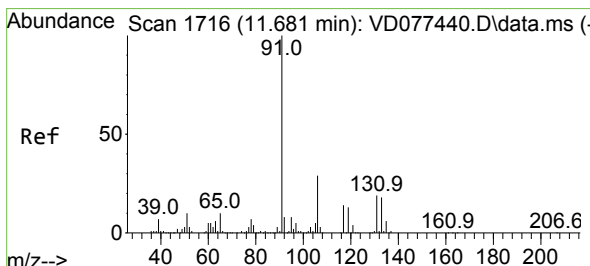
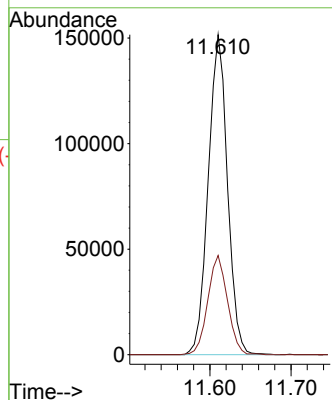
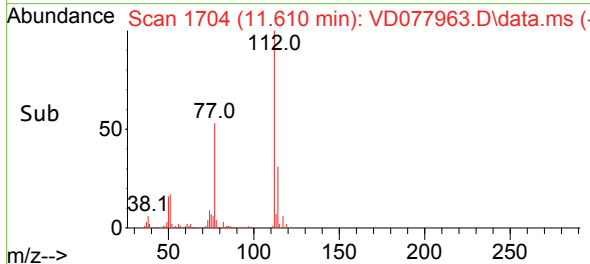


#65
Chlorobenzene
Concen: 53.556 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

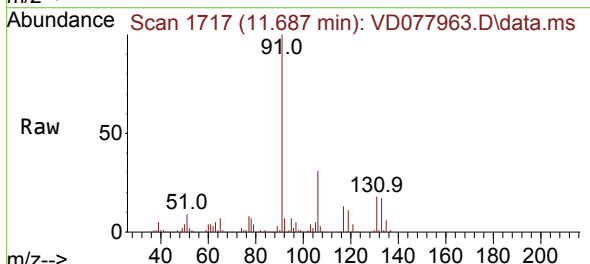
Instrument :
MSVOA_D
ClientSampleId :



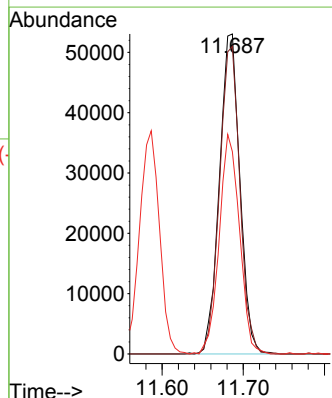
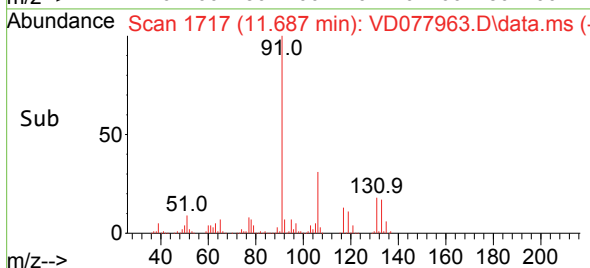
Tgt Ion:112 Resp: 249090
Ion Ratio Lower Upper
112 100
114 31.0 25.1 37.7

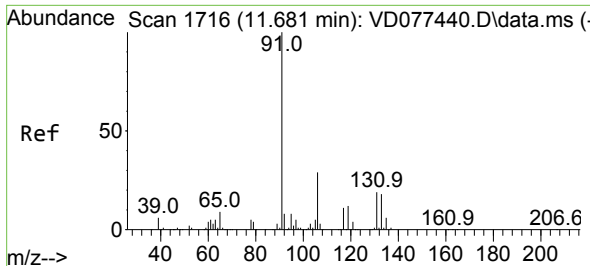


#66
1,1,1,2-Tetrachloroethane
Concen: 56.698 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52



Tgt Ion:131 Resp: 93255
Ion Ratio Lower Upper
131 100
133 95.3 48.5 145.5
119 67.9 35.6 106.9

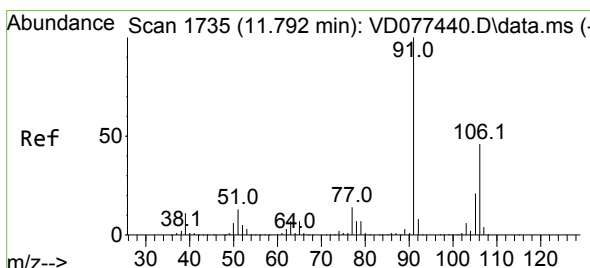
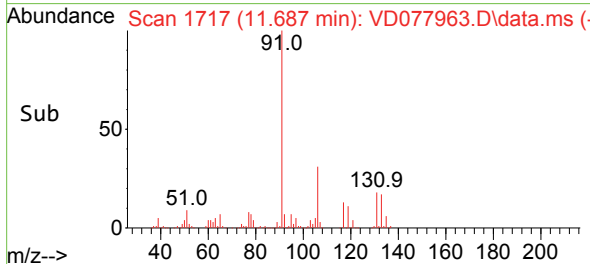
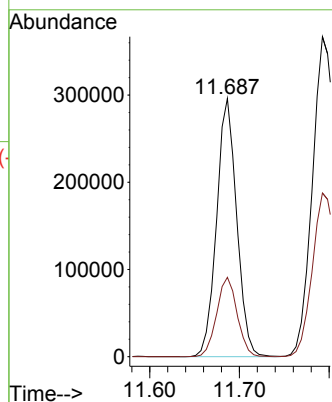
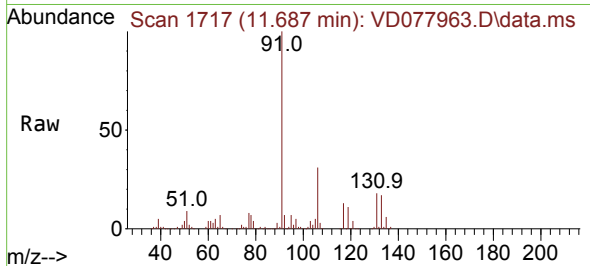




#67
Ethyl Benzene
Concen: 55.881 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

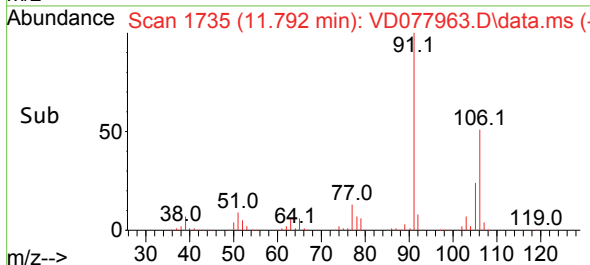
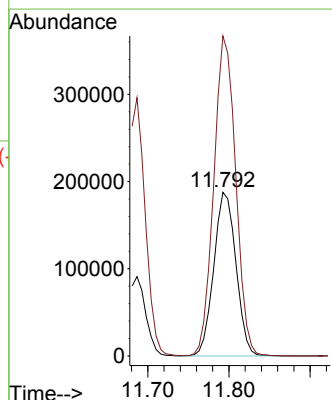
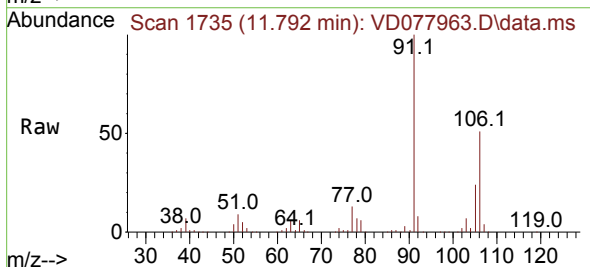
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 91 Resp: 460157
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7



#68
m/p-Xylenes
Concen: 113.254 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:106 Resp: 356727
Ion Ratio Lower Upper
106 100
91 193.5 147.0 220.6

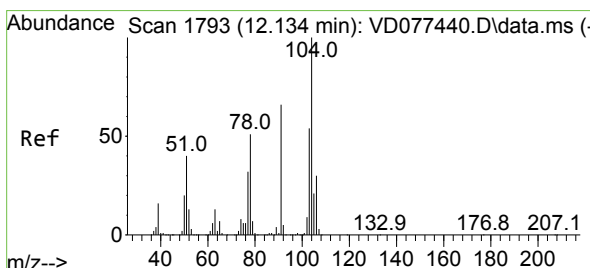
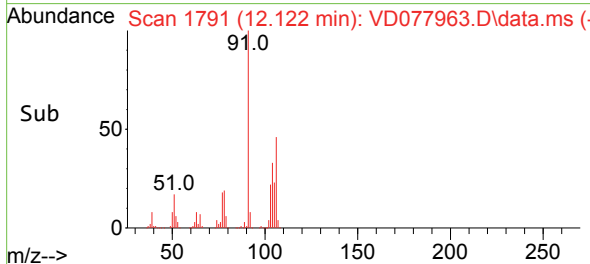
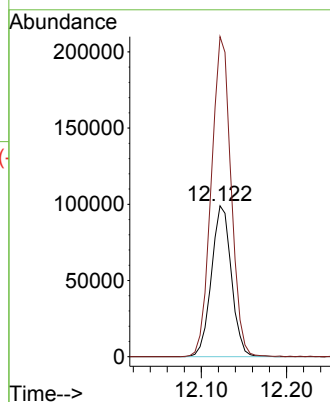
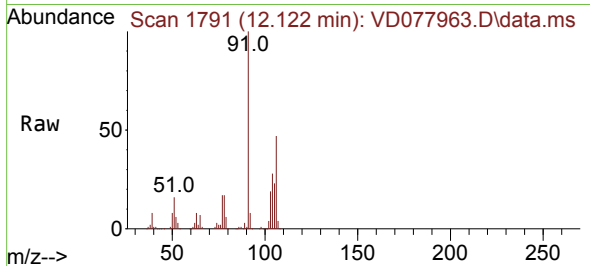




#69
o-Xylene
Concen: 55.528 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

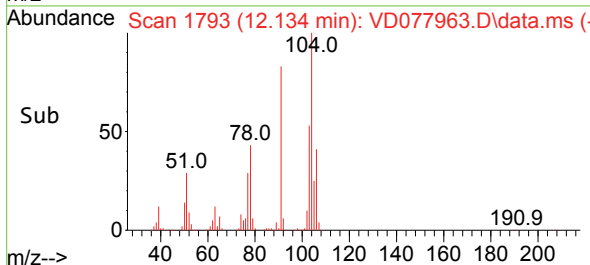
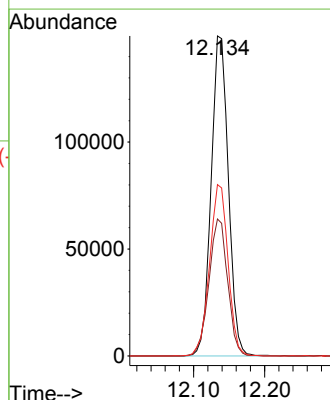
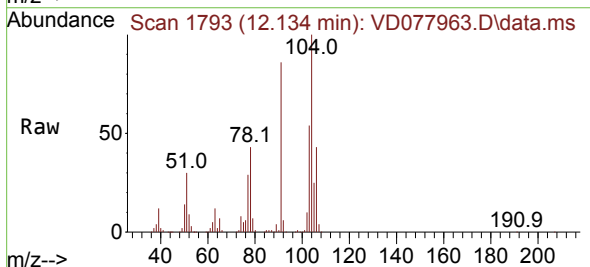
Instrument :
MSVOA_D
ClientSampleId :

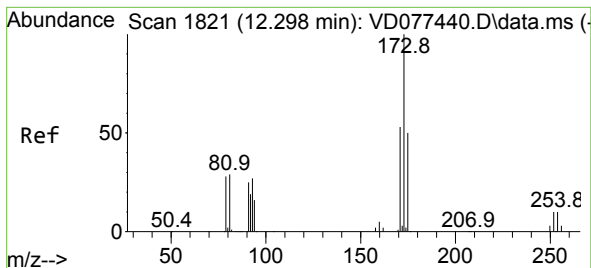
Tgt Ion:106 Resp: 161192
Ion Ratio Lower Upper
106 100
91 210.6 97.9 293.6



#70
Styrene
Concen: 58.423 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:104 Resp: 252184
Ion Ratio Lower Upper
104 100
78 46.6 33.2 49.8
103 57.4 43.6 65.4





#71

Bromoform

Concen: 58.796 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

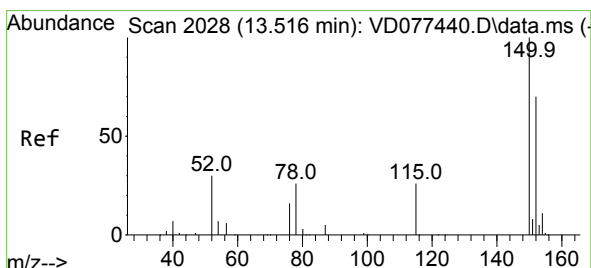
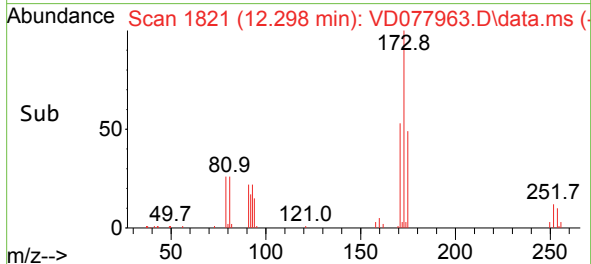
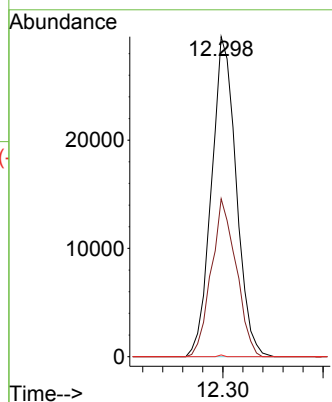
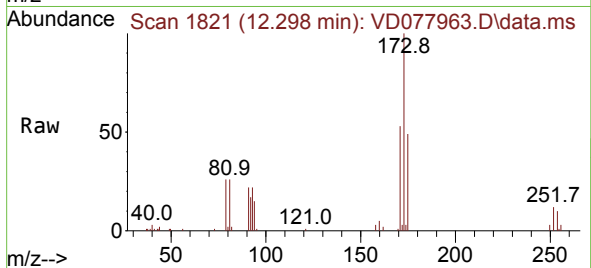
Tgt Ion:173 Resp: 50529

Ion Ratio Lower Upper

173 100

175 49.5 24.6 73.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

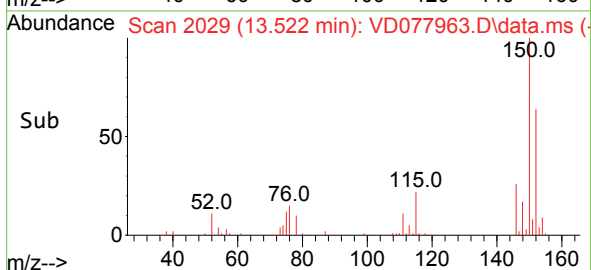
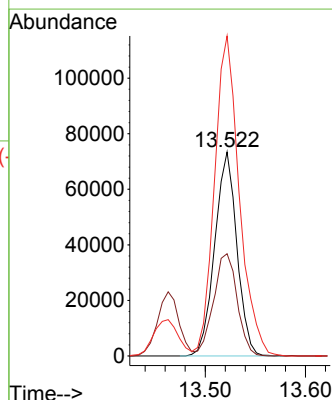
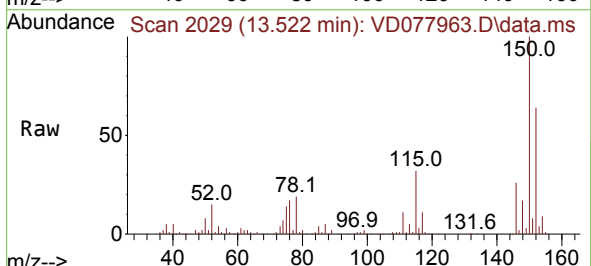
Tgt Ion:152 Resp: 112424

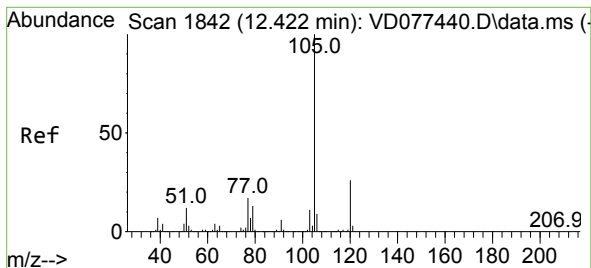
Ion Ratio Lower Upper

152 100

115 53.8 27.1 81.3

150 176.0 0.0 353.6





#73

Isopropylbenzene

Concen: 51.816 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

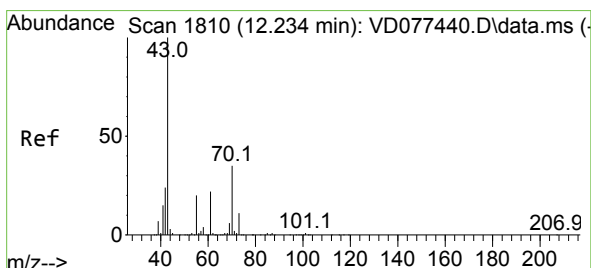
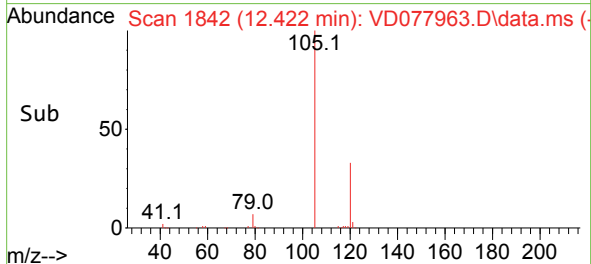
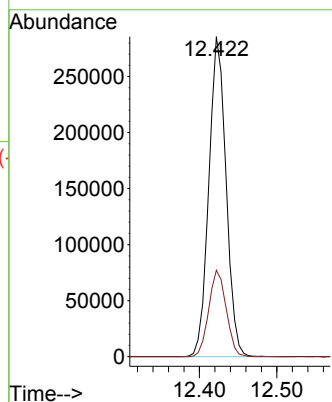
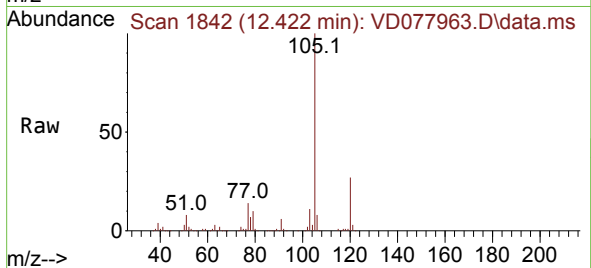
ClientSampleId :

Tgt Ion:105 Resp: 441509

Ion Ratio Lower Upper

105 100

120 27.4 14.3 42.9



#74

N-ethyl acetate

Concen: 44.434 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Tgt Ion: 43 Resp: 74424

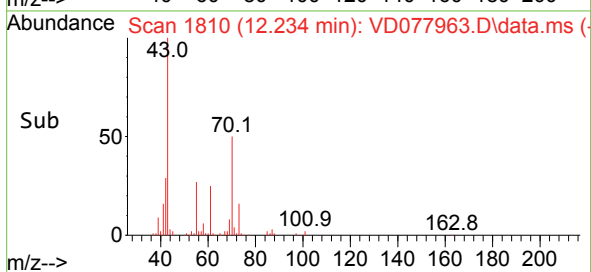
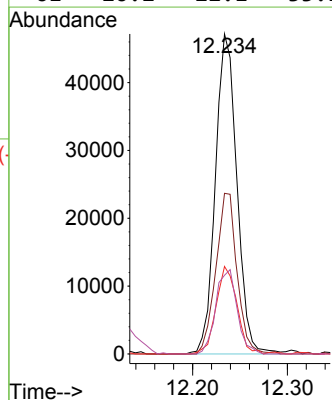
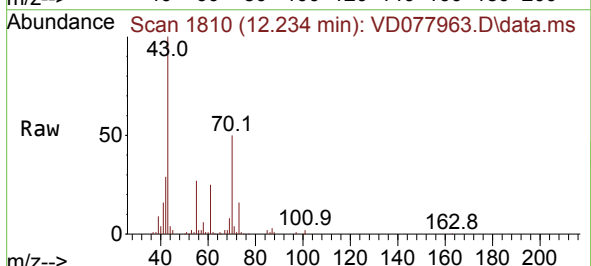
Ion Ratio Lower Upper

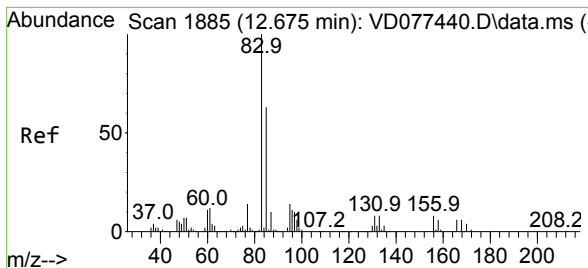
43 100

70 49.5 45.0 67.4

55 26.7 23.8 35.6

61 26.2 22.1 33.1

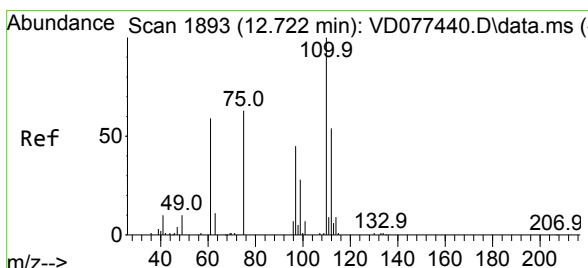
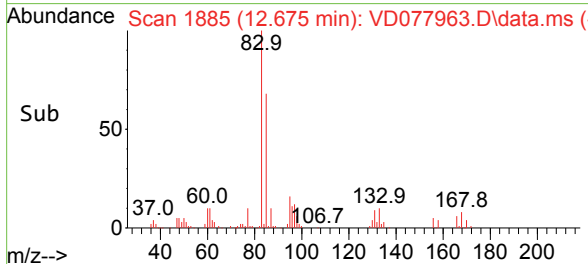
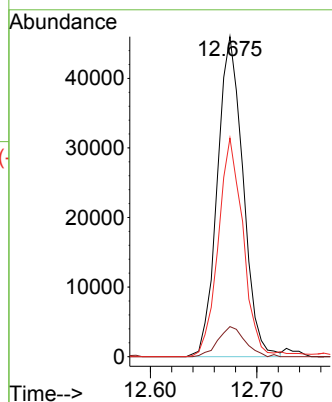
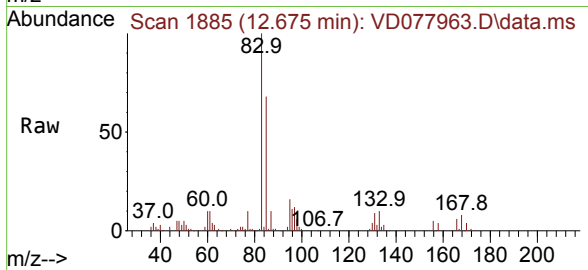




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.872 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

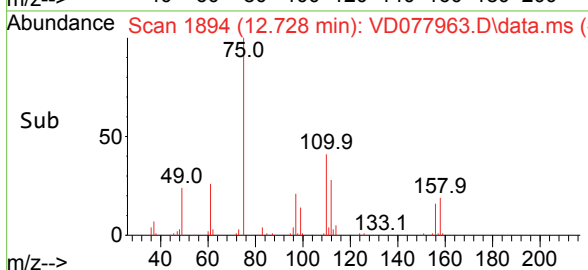
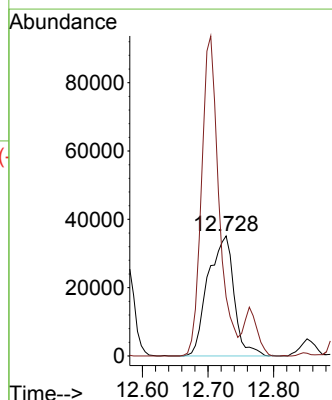
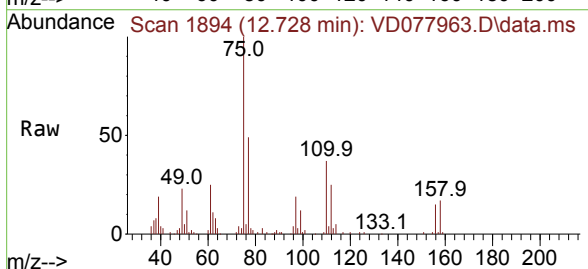
Instrument :
 MSVOA_D
 ClientSampleId :

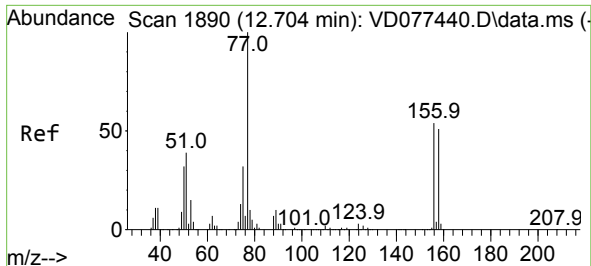
Tgt Ion: 83 Resp: 77066
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.1 15.3
 85 66.9 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 99.314 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Tgt Ion: 75 Resp: 96971
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

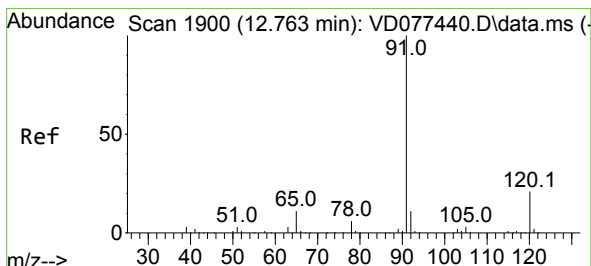
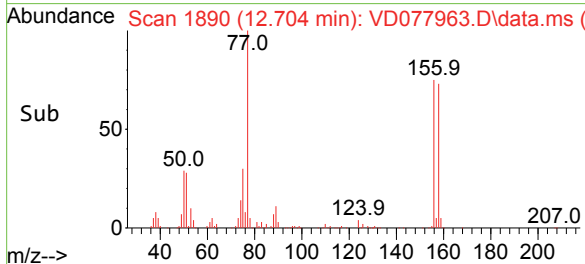
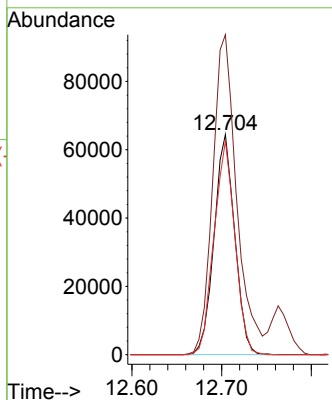
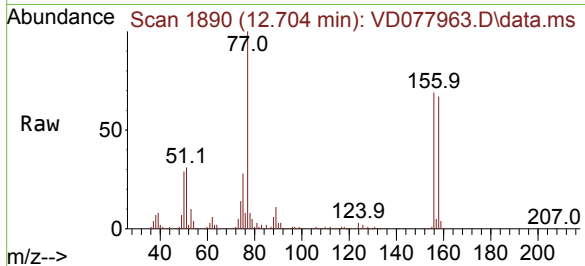




#77
Bromobenzene
Concen: 51.460 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

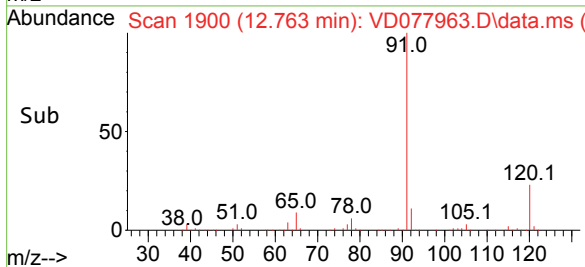
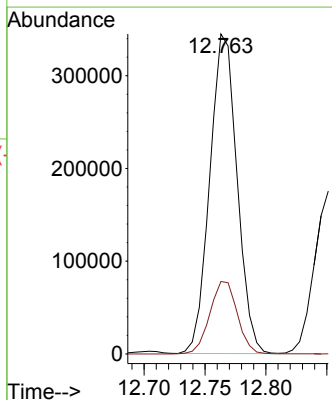
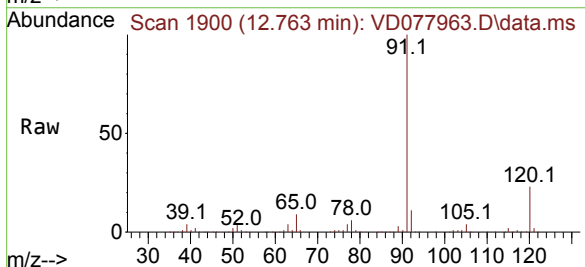
Instrument :
MSVOA_D
ClientSampleId :

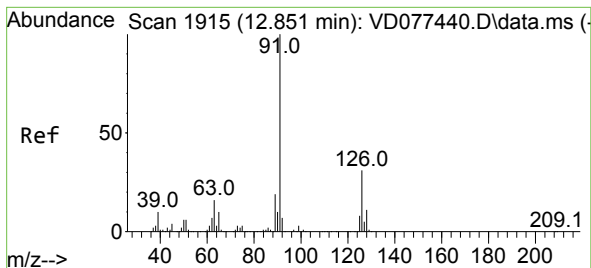
Tgt Ion:156 Resp: 103136
Ion Ratio Lower Upper
156 100
77 168.3 76.8 230.4
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 51.732 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion: 91 Resp: 537120
Ion Ratio Lower Upper
91 100
120 22.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 51.469 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

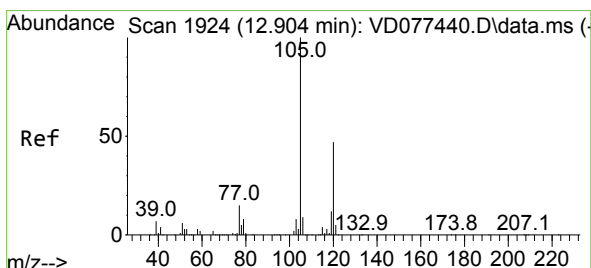
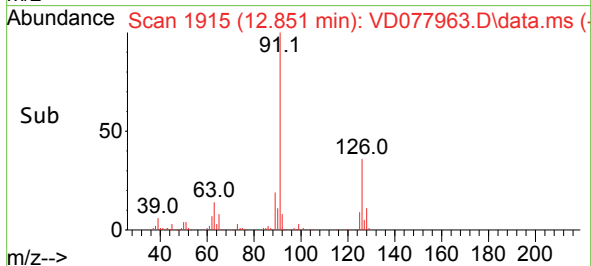
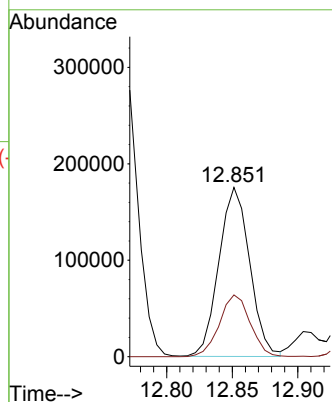
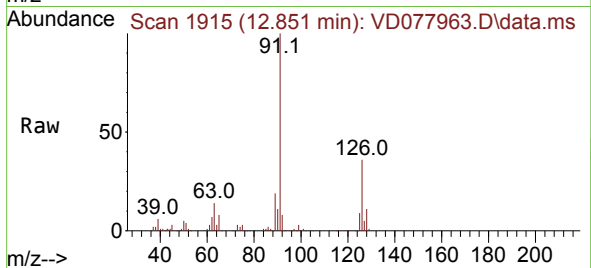
ClientSampleId :

Tgt Ion: 91 Resp: 286388

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 52.664 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077963.D

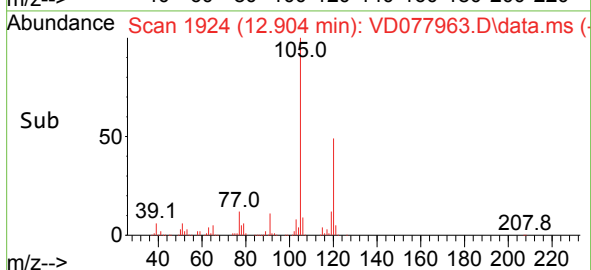
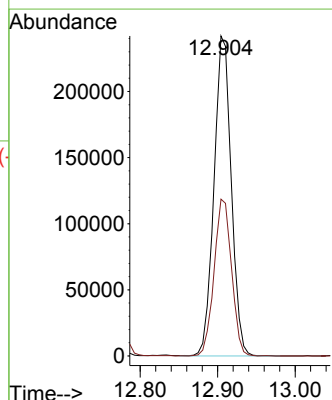
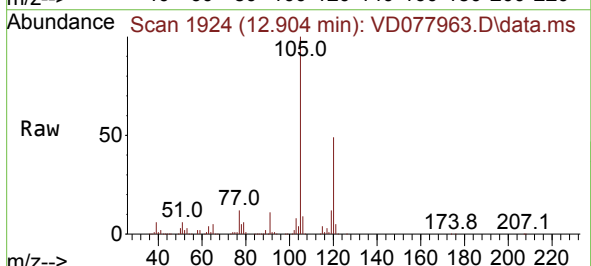
Acq: 19 Dec 2023 09:52

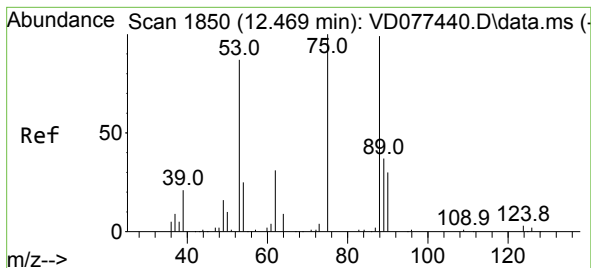
Tgt Ion:105 Resp: 374266

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

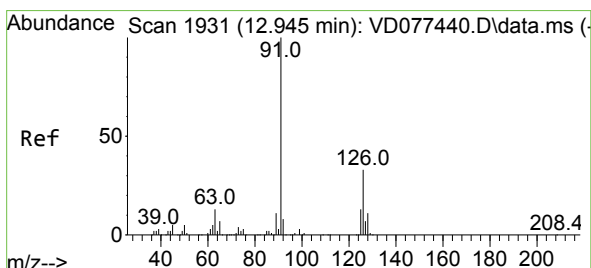
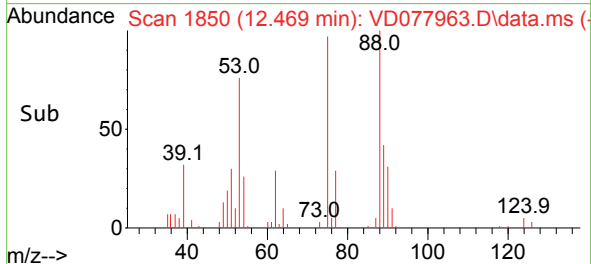
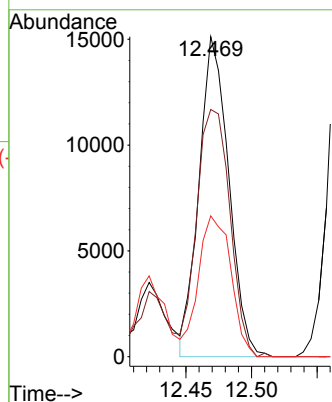
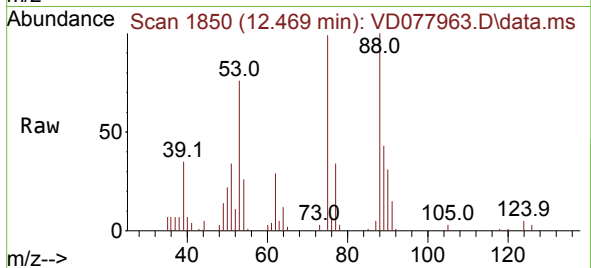




#81
trans-1,4-Dichloro-2-butene
Concen: 49.498 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

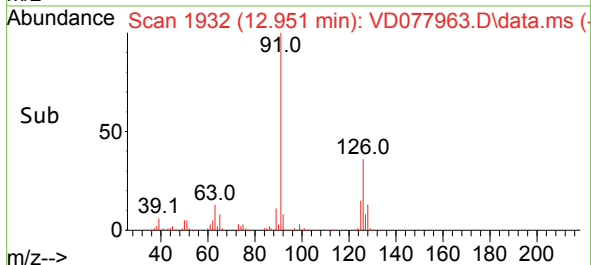
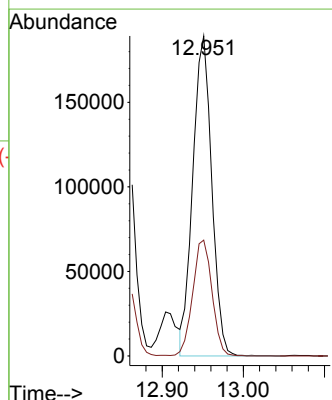
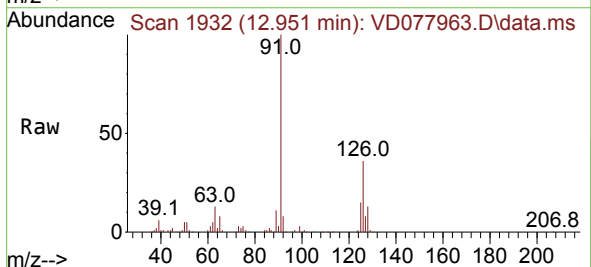
Instrument :
MSVOA_D
ClientSampleId :

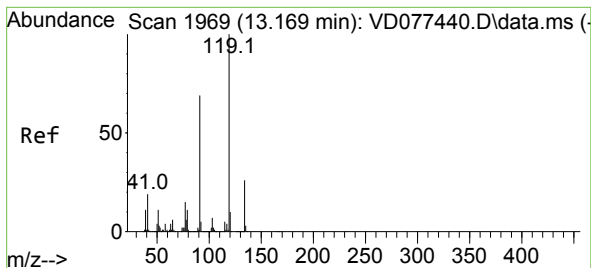
Tgt Ion:	75	Resp:	23854
Ion	Ratio	Lower	Upper
75	100		
53	86.2	63.0	94.4
89	48.2	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.778 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:	91	Resp:	307011
Ion	Ratio	Lower	Upper
91	100		
126	37.0	19.4	58.4





#83

tert-Butylbenzene

Concen: 53.426 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

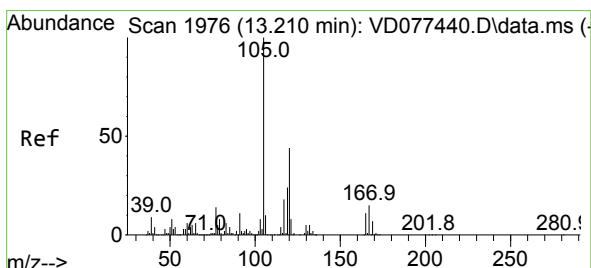
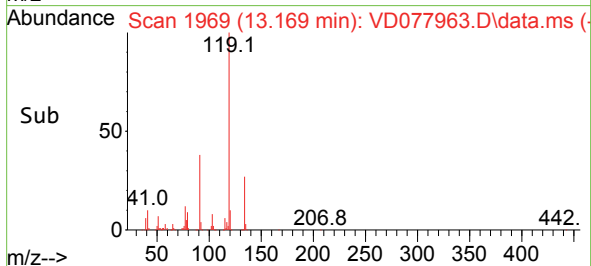
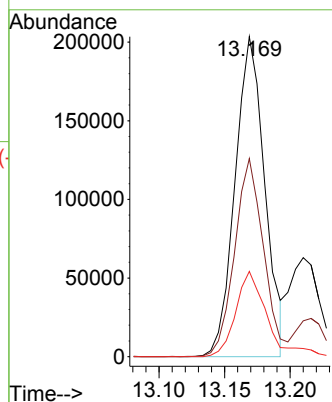
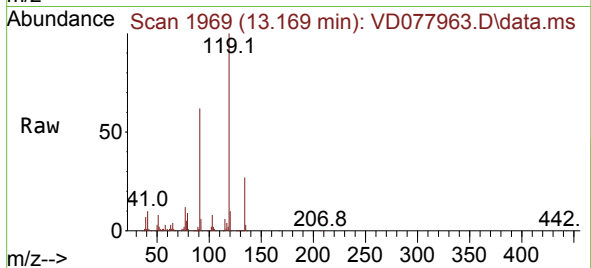
Tgt Ion:119 Resp: 320536

Ion Ratio Lower Upper

119 100

91 60.6 29.3 87.8

134 28.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 53.436 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077963.D

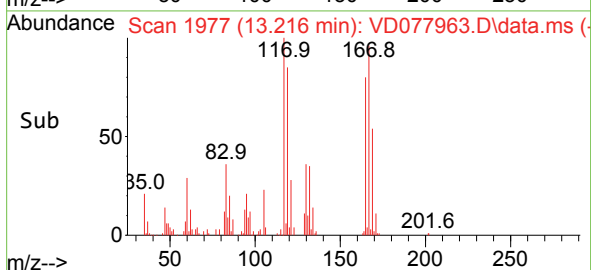
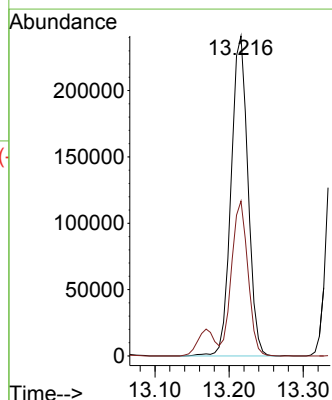
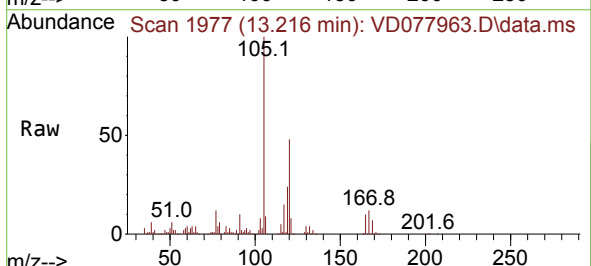
Acq: 19 Dec 2023 09:52

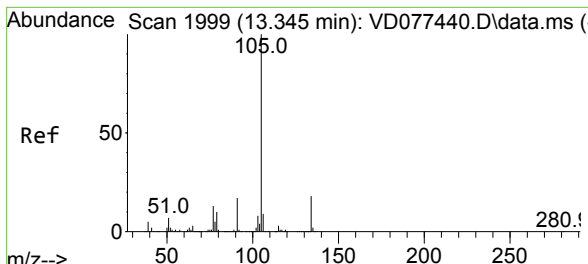
Tgt Ion:105 Resp: 379822

Ion Ratio Lower Upper

105 100

120 47.1 24.3 72.9

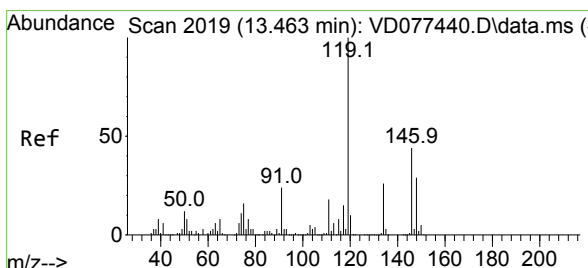
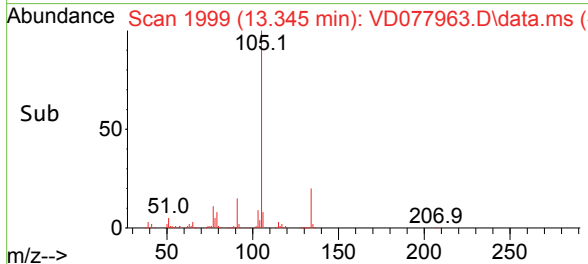
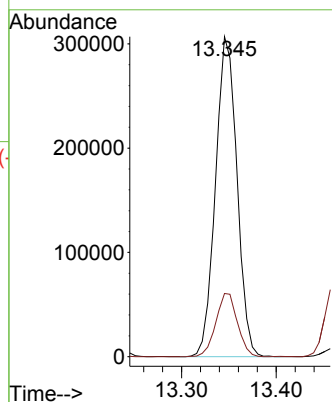
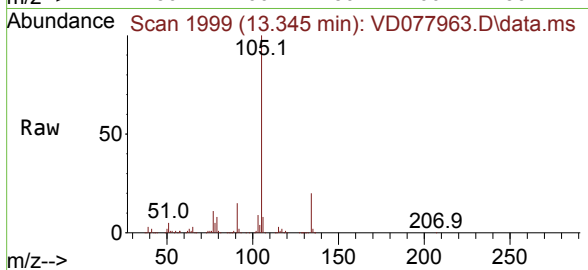




#85
 sec-Butylbenzene
 Concen: 54.568 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

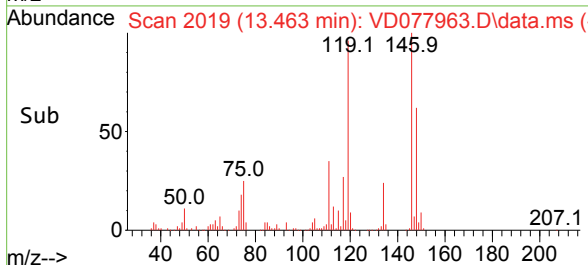
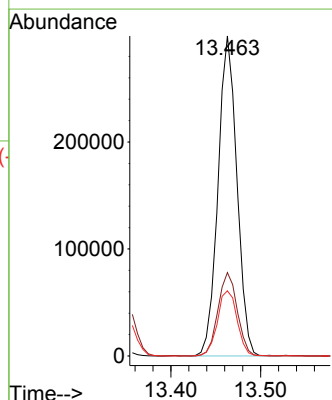
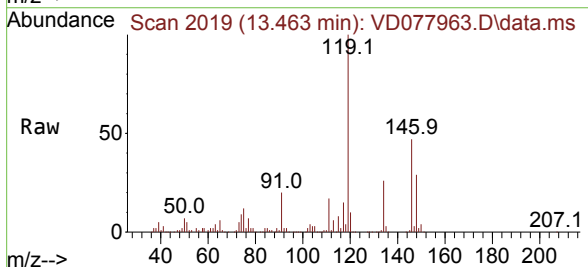
Instrument :
 MSVOA_D
 ClientSampleId :

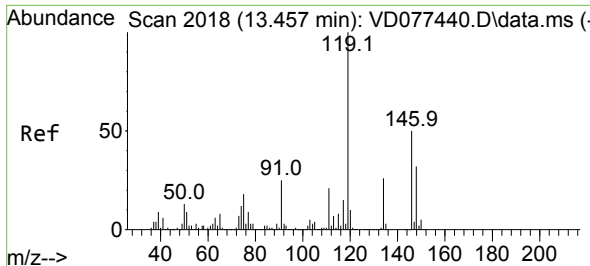
Tgt Ion:105 Resp: 483932
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 55.068 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Tgt Ion:119 Resp: 437245
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.2 10.5 31.5

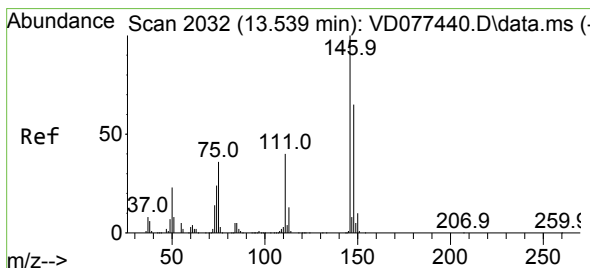
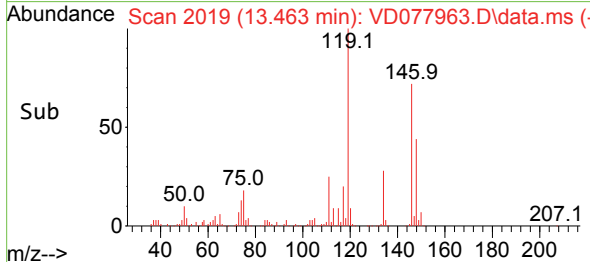
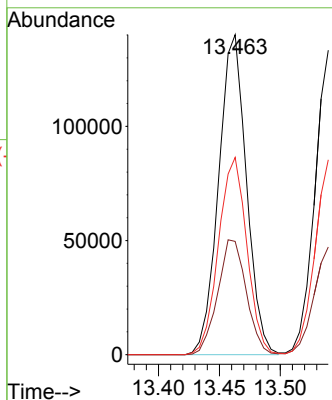
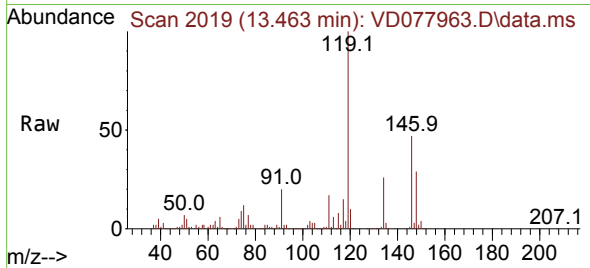




#87
1,3-Dichlorobenzene
Concen: 54.414 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

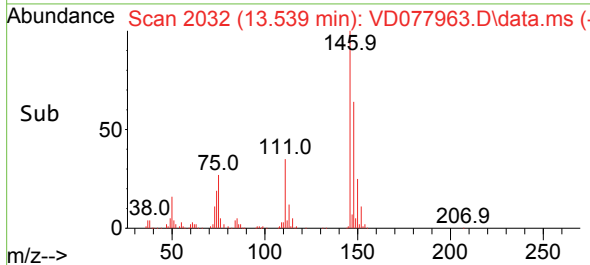
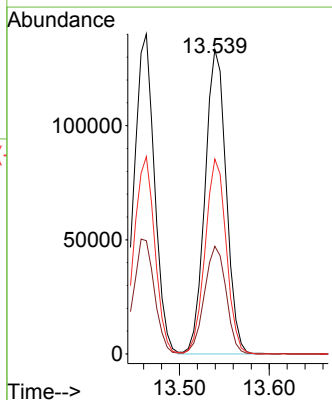
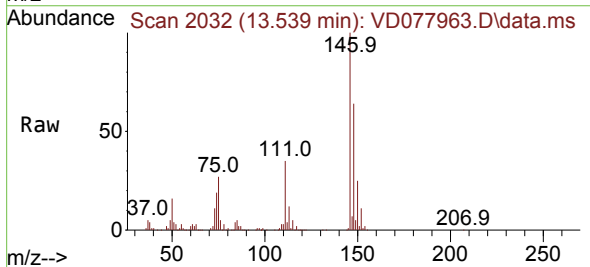
Instrument :
MSVOA_D
ClientSampleId :

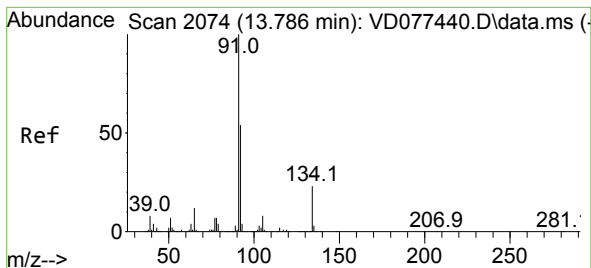
Tgt Ion:146 Resp: 223019
Ion Ratio Lower Upper
146 100
111 37.0 17.9 53.8
148 62.9 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 53.497 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

Tgt Ion:146 Resp: 218392
Ion Ratio Lower Upper
146 100
111 36.3 17.4 52.3
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 54.097 ug/l

RT: 13.792 min Scan# 2075

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

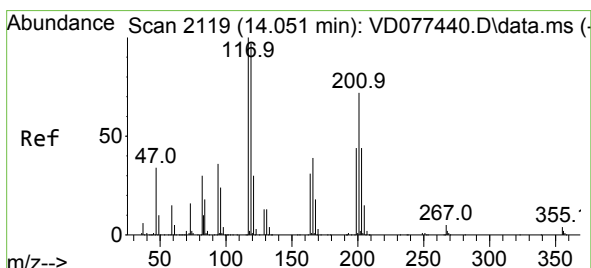
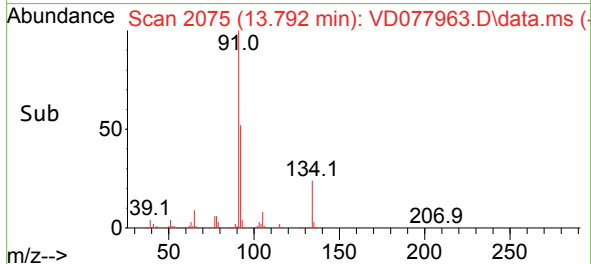
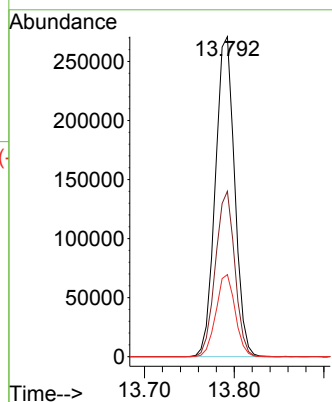
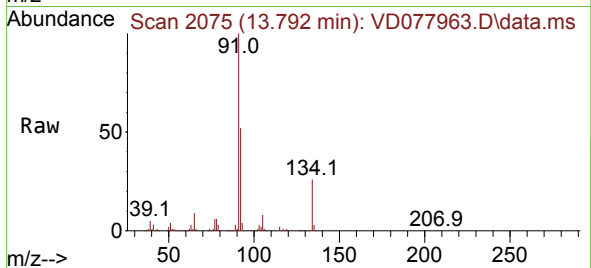
Tgt Ion: 91 Resp: 404171

Ion Ratio Lower Upper

91 100

92 51.9 26.5 79.5

134 25.7 13.8 41.3



#90

Hexachloroethane

Concen: 57.515 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077963.D

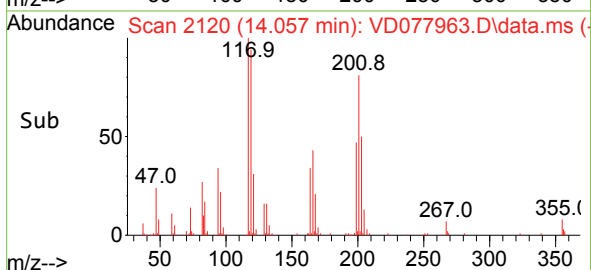
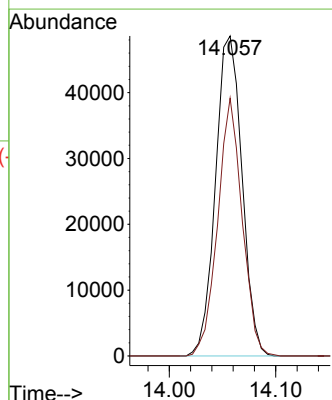
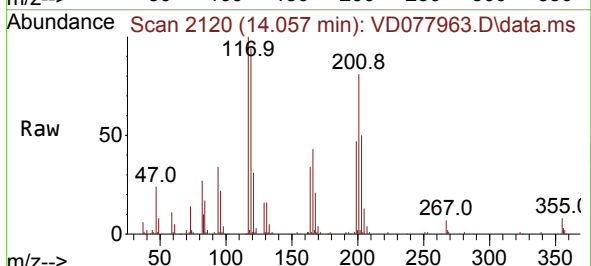
Acq: 19 Dec 2023 09:52

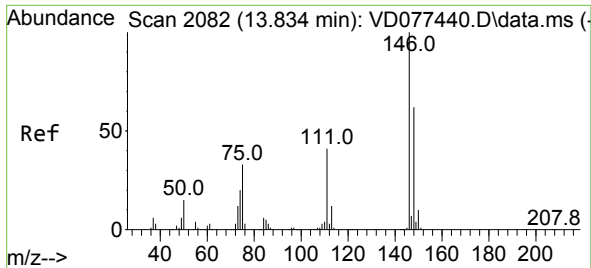
Tgt Ion: 117 Resp: 83986

Ion Ratio Lower Upper

117 100

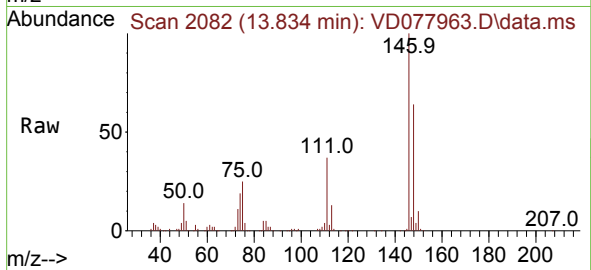
201 74.3 38.5 115.5



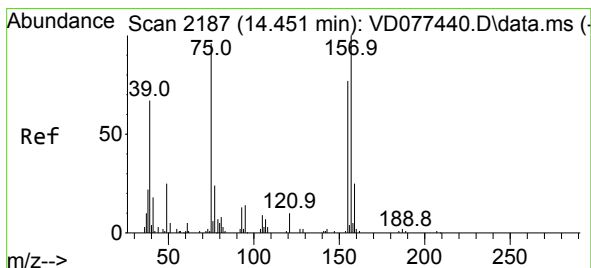
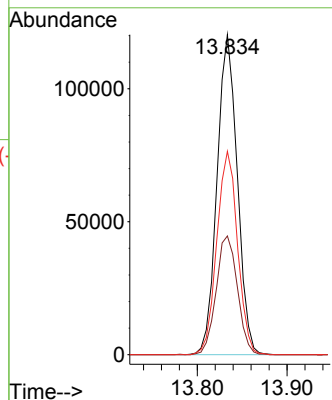
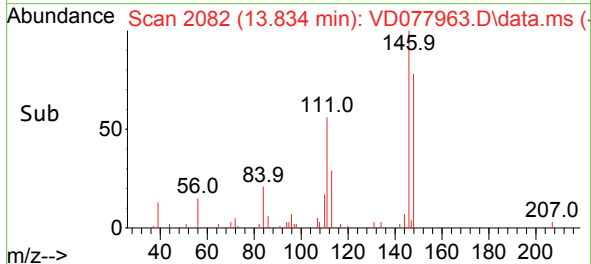


#91
1,2-Dichlorobenzene
Concen: 54.088 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52

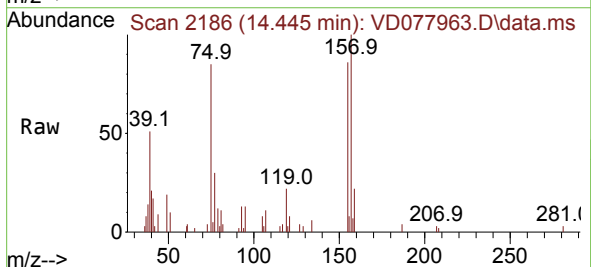
Instrument :
MSVOA_D
ClientSampleId :



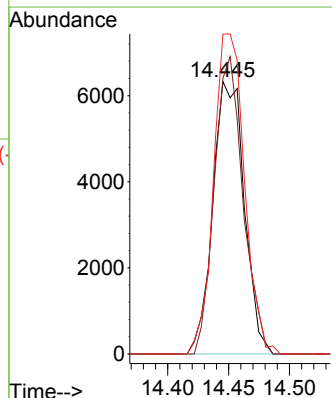
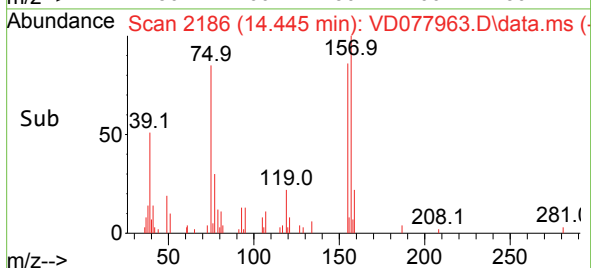
Tgt Ion:146 Resp: 188536
Ion Ratio Lower Upper
146 100
111 39.0 18.3 54.8
148 65.2 31.6 94.7

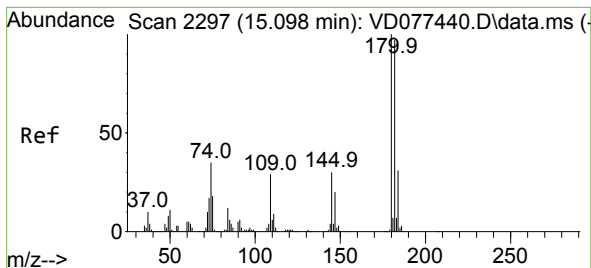


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.949 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077963.D
Acq: 19 Dec 2023 09:52



Tgt Ion: 75 Resp: 11383
Ion Ratio Lower Upper
75 100
155 99.3 47.9 143.8
157 115.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 49.622 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

Instrument :

MSVOA_D

ClientSampleId :

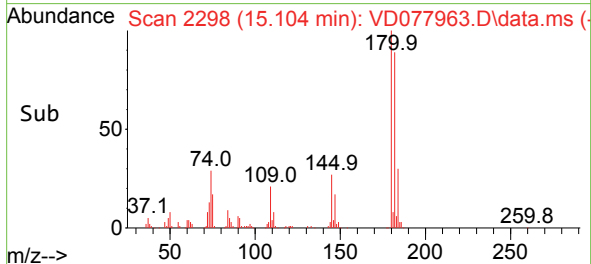
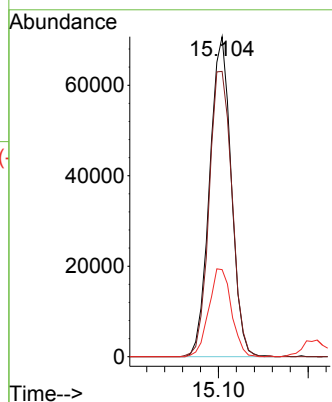
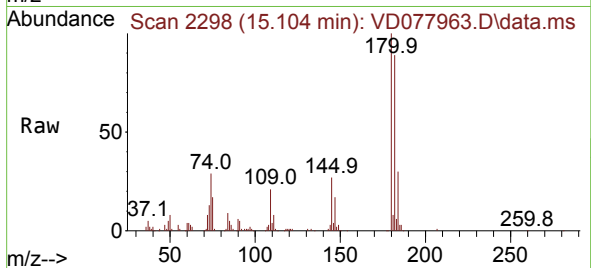
Tgt Ion:180 Resp: 118147

Ion Ratio Lower Upper

180 100

182 94.1 48.5 145.6

145 28.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.762 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077963.D

Acq: 19 Dec 2023 09:52

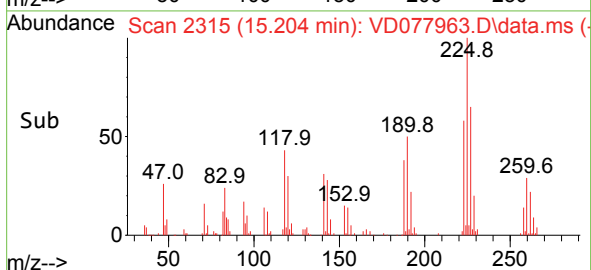
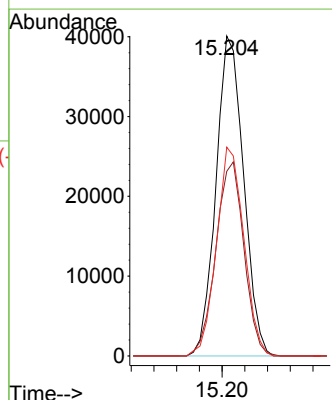
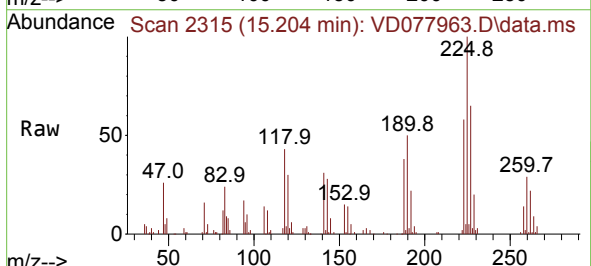
Tgt Ion:225 Resp: 67741

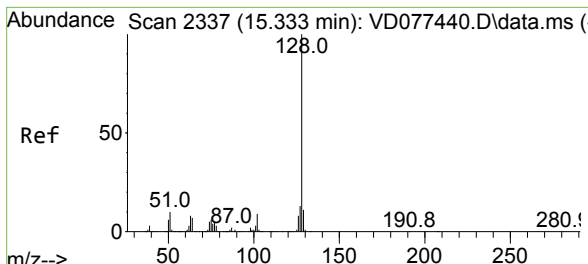
Ion Ratio Lower Upper

225 100

223 61.7 31.6 94.8

227 64.5 31.7 95.1

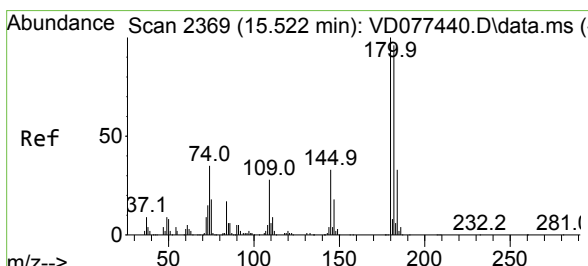
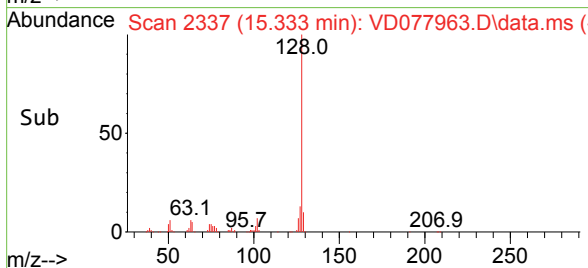
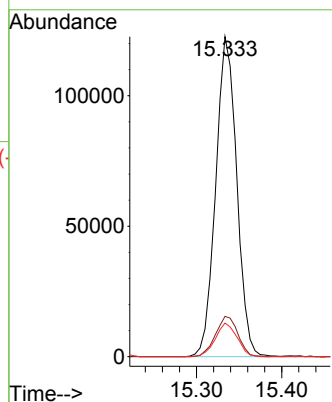
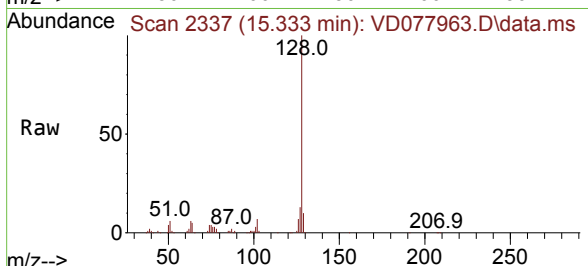




#95
 Naphthalene
 Concen: 53.169 ug/l
 RT: 15.333 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	210332
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	10.5	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 51.540 ug/l
 RT: 15.528 min Scan# 2370
 Delta R.T. 0.006 min
 Lab File: VD077963.D
 Acq: 19 Dec 2023 09:52

Tgt Ion:	180	Resp:	101166
Ion Ratio	Lower	Upper	
180	100		
182	96.8	47.3	141.9
145	32.1	15.1	45.3

