

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121323\
 Data File : VD077852.D
 Acq On : 13 Dec 2023 10:15
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 14 01:48:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 08 13:33:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	156999	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	261896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.586	117	236176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124036	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	83187	44.966	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.940%
35) Dibromofluoromethane	7.810	113	85861	46.804	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.600%
50) Toluene-d8	10.269	98	349179	47.524	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.040%
62) 4-Bromofluorobenzene	12.575	95	101229	46.083	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	91206	46.506	ug/l	99
3) Chloromethane	2.152	50	137308	51.364	ug/l	97
4) Vinyl Chloride	2.293	62	182982	50.421	ug/l	99
5) Bromomethane	2.699	94	112013	55.007	ug/l	98
6) Chloroethane	2.846	64	125628	50.776	ug/l	98
7) Trichlorofluoromethane	3.181	101	167172	50.016	ug/l	97
8) Diethyl Ether	3.599	74	47610	50.728	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.975	101	98383	51.453	ug/l	99
10) Methyl Iodide	4.175	142	91917	54.195	ug/l	91
11) Tert butyl alcohol	5.052	59	23374	262.951	ug/l #	91
12) 1,1-Dichloroethene	3.952	96	95797	50.762	ug/l #	82
13) Acrolein	3.805	56	35172	179.727	ug/l	95
14) Allyl chloride	4.569	41	126277	48.652	ug/l	92
15) Acrylonitrile	5.257	53	103189	256.792	ug/l	98
16) Acetone	4.022	43	101037	253.096	ug/l #	79
17) Carbon Disulfide	4.281	76	301084	47.157	ug/l	99
18) Methyl Acetate	4.563	43	76822	52.727	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	206192	51.497	ug/l	95
20) Methylene Chloride	4.804	84	109090	49.769	ug/l #	87
21) trans-1,2-Dichloroethene	5.322	96	110404	51.650	ug/l	89
22) Diisopropyl ether	6.222	45	272851	50.305	ug/l	95
23) Vinyl Acetate	6.157	43	652016	246.163	ug/l #	90
24) 1,1-Dichloroethane	6.116	63	181709	49.470	ug/l	96
25) 2-Butanone	7.087	43	126141	247.922	ug/l #	84
26) 2,2-Dichloropropane	7.081	77	157152	50.958	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	118113	51.352	ug/l	90
28) Bromochloromethane	7.434	49	70622	47.582	ug/l #	79
29) Tetrahydrofuran	7.446	42	73796	250.499	ug/l	88
30) Chloroform	7.604	83	183830	50.007	ug/l	99
31) Cyclohexane	7.881	56	161987	49.228	ug/l	90
32) 1,1,1-Trichloroethane	7.798	97	163779	50.538	ug/l	98
36) 1,1-Dichloropropene	8.016	75	146635	49.972	ug/l	96
37) Ethyl Acetate	7.169	43	53438	46.704	ug/l	93
38) Carbon Tetrachloride	7.998	117	147501	50.421	ug/l	96
39) Methylcyclohexane	9.275	83	185579	53.348	ug/l	94
40) Benzene	8.251	78	421071	50.559	ug/l	100

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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)
41) Methacrylonitrile	7.404	41	31887	54.832	ug/l #	83
42) 1,2-Dichloroethane	8.334	62	108920	50.453	ug/l	95
43) Isopropyl Acetate	8.363	43	103563	50.918	ug/l #	90
44) Trichloroethene	9.034	130	111680	51.457	ug/l	97
45) 1,2-Dichloropropane	9.310	63	102296	50.526	ug/l	97
46) Dibromomethane	9.398	93	55034	51.374	ug/l	93
47) Bromodichloromethane	9.587	83	139020	51.200	ug/l	99
48) Methyl methacrylate	9.381	41	58486	50.586	ug/l #	81
49) 1,4-Dioxane	9.387	88	11206	1053.482	ug/l #	82
51) 4-Methyl-2-Pentanone	10.163	43	260374	250.834	ug/l	90
52) Toluene	10.334	92	267802	51.838	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	135263	51.876	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	163915	51.995	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	73538	50.186	ug/l	94
56) Ethyl methacrylate	10.598	69	68132	52.746	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	128859	51.018	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	187118	254.021	ug/l	95
59) 2-Hexanone	10.922	43	191600	222.480	ug/l	89
60) Dibromochloromethane	11.075	129	92746	52.572	ug/l	96
61) 1,2-Dibromoethane	11.181	107	69204	50.172	ug/l	99
64) Tetrachloroethene	10.816	164	88700	51.098	ug/l	93
65) Chlorobenzene	11.610	112	275405	49.447	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	102582	52.232	ug/l	96
67) Ethyl Benzene	11.686	91	518190	52.701	ug/l	98
68) m/p-Xylenes	11.792	106	402457	107.006	ug/l	92
69) o-Xylene	12.128	106	182552	52.665	ug/l	91
70) Styrene	12.139	104	275095	53.373	ug/l	95
71) Bromoform	12.298	173	54530	53.139	ug/l #	97
73) Isopropylbenzene	12.422	105	500774	53.269	ug/l	95
74) N-amyl acetate	12.233	43	92322	49.960	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	84159	51.343	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	105193	97.649	ug/l #	100
77) Bromobenzene	12.704	156	113741	51.439	ug/l	93
78) n-propylbenzene	12.763	91	609567	53.213	ug/l	96
79) 2-Chlorotoluene	12.851	91	324837	52.914	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	416406	53.109	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	27171	51.102	ug/l	94
82) 4-Chlorotoluene	12.951	91	336556	52.441	ug/l	95
83) tert-Butylbenzene	13.169	119	359723	54.344	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	418948	53.423	ug/l	95
85) sec-Butylbenzene	13.345	105	537089	54.892	ug/l	97
86) p-Isopropyltoluene	13.463	119	480095	54.804	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	234877	51.942	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	229797	50.944	ug/l	98
89) n-Butylbenzene	13.786	91	464139	56.307	ug/l	98
90) Hexachloroethane	14.057	117	89671	55.660	ug/l	95
91) 1,2-Dichlorobenzene	13.833	146	195066	50.722	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	11766	49.544	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	135958	51.757	ug/l	97
94) Hexachlorobutadiene	15.204	225	78175	55.188	ug/l	99
95) Naphthalene	15.333	128	233910	53.593	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	114214	52.740	ug/l	99

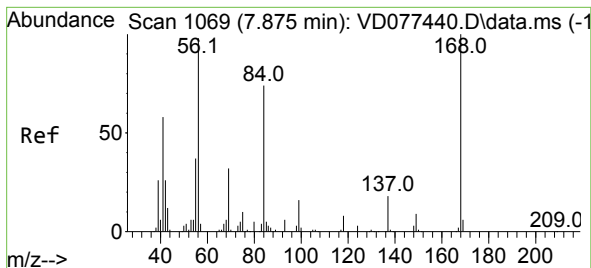
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

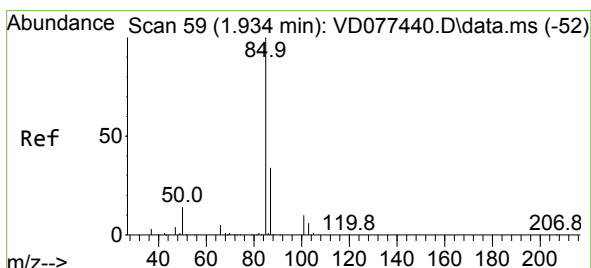
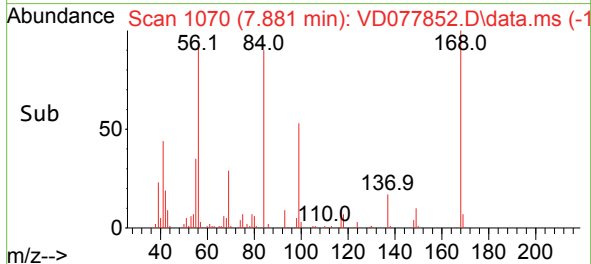
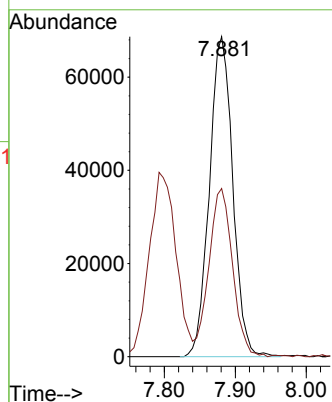
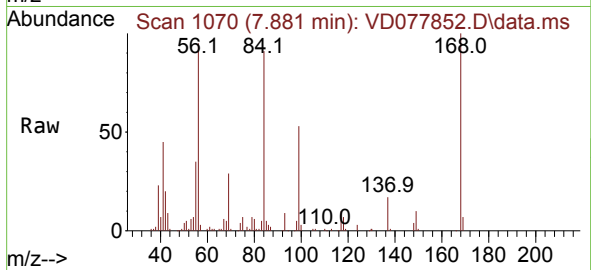
ClientSampleId :

Tgt Ion:168 Resp: 156999

Ion Ratio Lower Upper

168 100

99 52.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 46.506 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077852.D

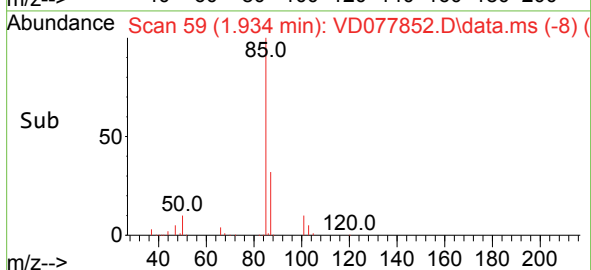
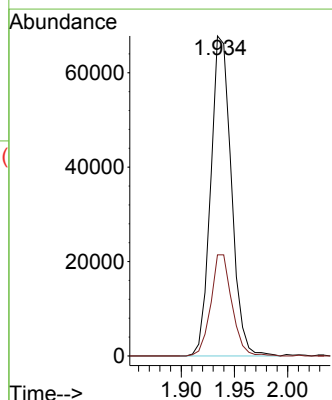
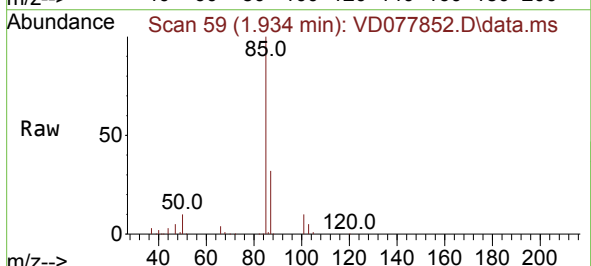
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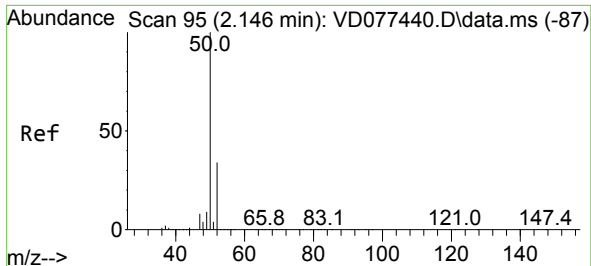
Tgt Ion: 85 Resp: 91206

Ion Ratio Lower Upper

85 100

87 31.6 15.7 47.0

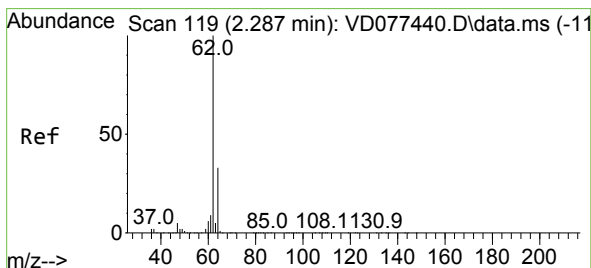
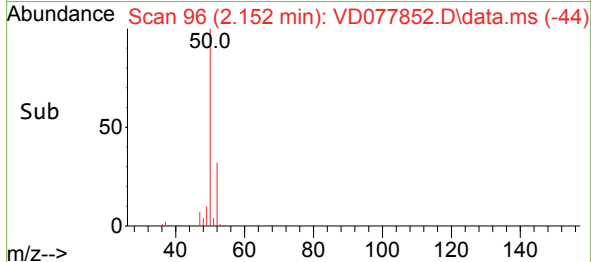
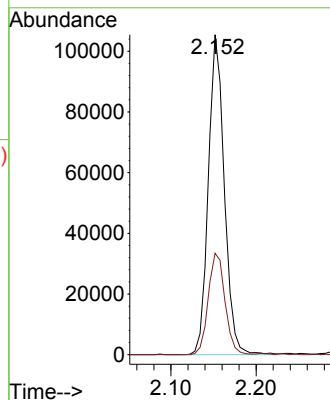
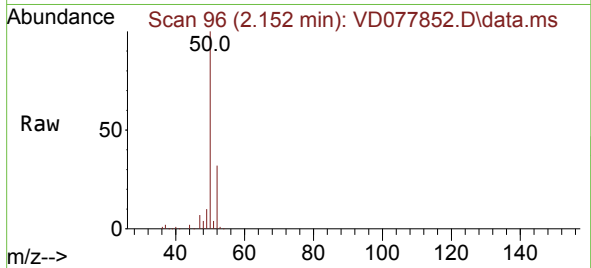




#3
Chloromethane
Concen: 51.364 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

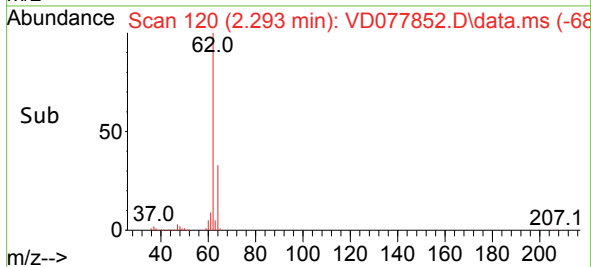
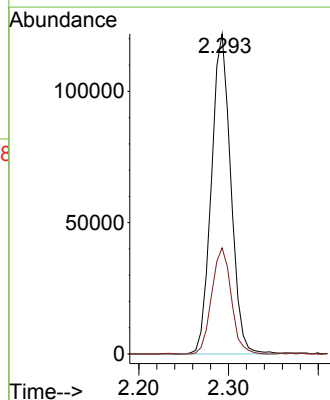
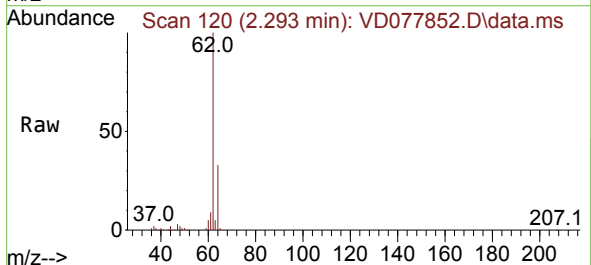
Instrument :
MSVOA_D
ClientSampleId :

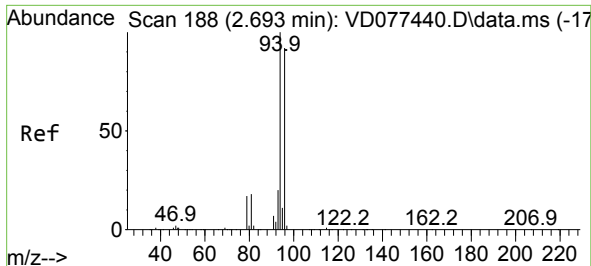
Tgt Ion: 50 Resp: 137308
Ion Ratio Lower Upper
50 100
52 31.7 26.6 40.0



#4
Vinyl Chloride
Concen: 50.421 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 62 Resp: 182982
Ion Ratio Lower Upper
62 100
64 33.1 26.0 39.0

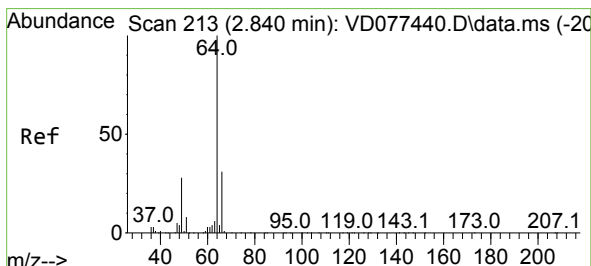
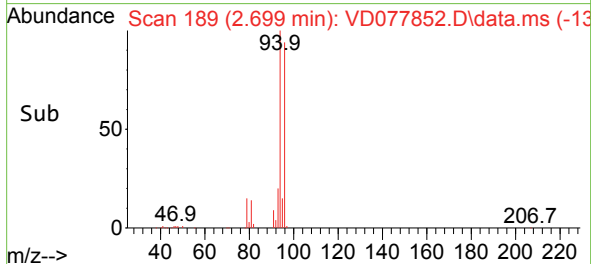
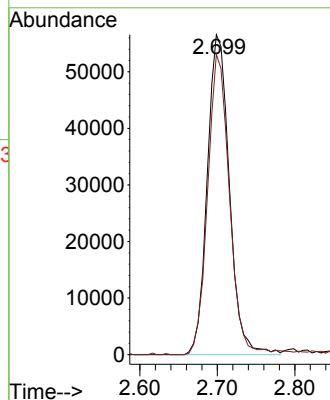
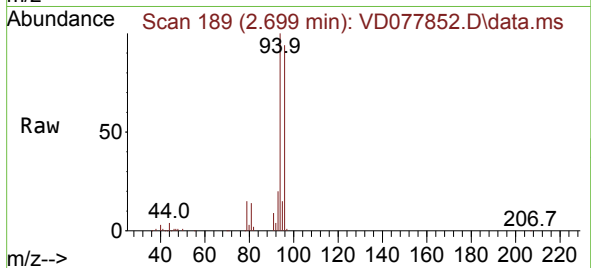




#5
Bromomethane
Concen: 55.007 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

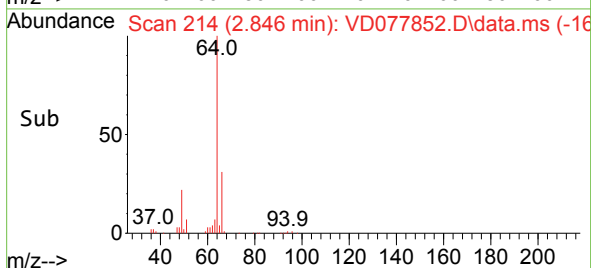
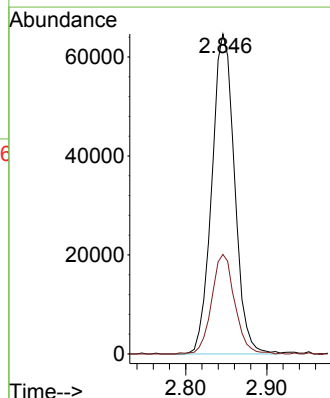
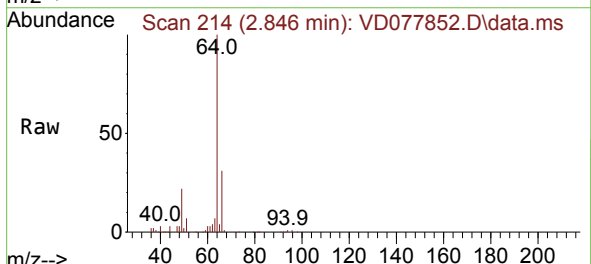
Instrument :
MSVOA_D
ClientSampleId :

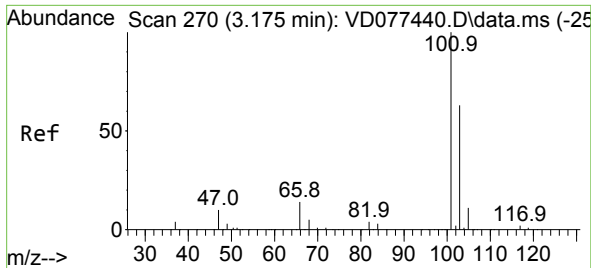
Tgt Ion: 94 Resp: 112013
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 50.776 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 64 Resp: 125628
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

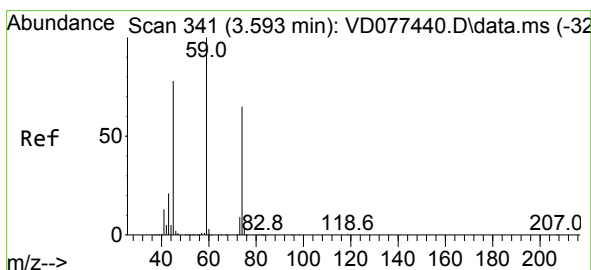
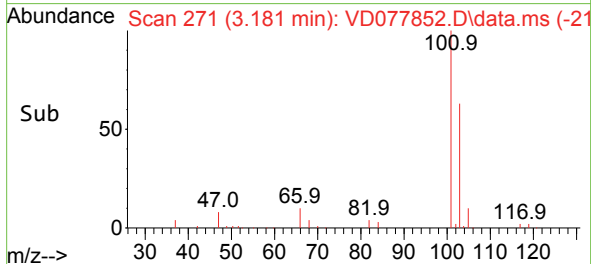
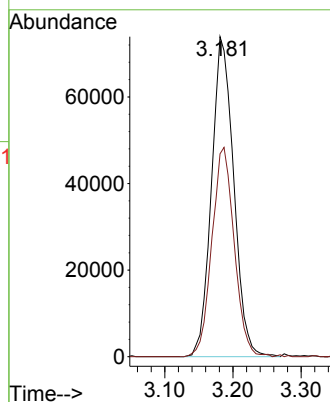
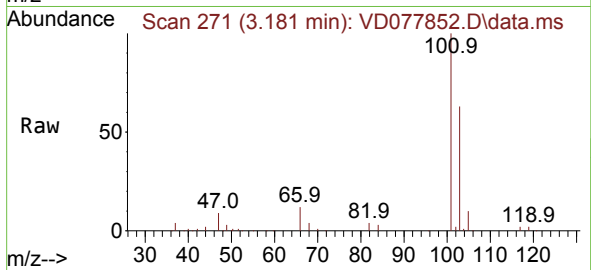




#7
Trichlorofluoromethane
Concen: 50.016 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

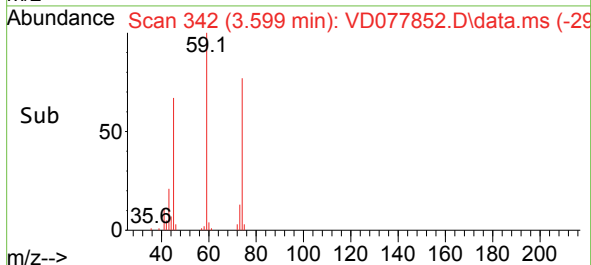
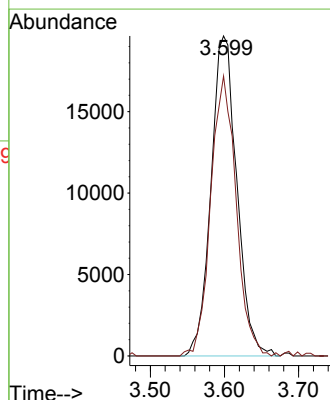
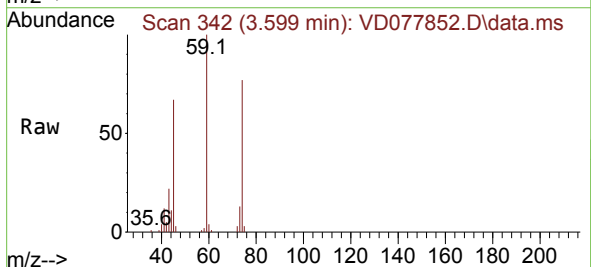
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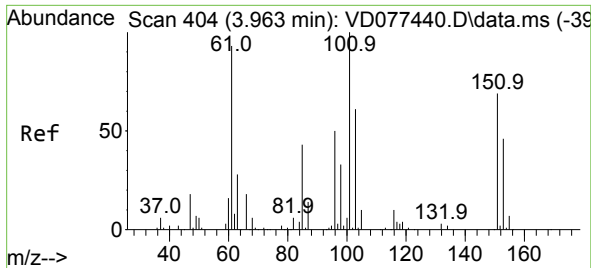
Tgt Ion:101 Resp: 167172
Ion Ratio Lower Upper
101 100
103 63.4 52.3 78.5



#8
Diethyl Ether
Concen: 50.728 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 74 Resp: 47610
Ion Ratio Lower Upper
74 100
45 85.9 37.5 112.7

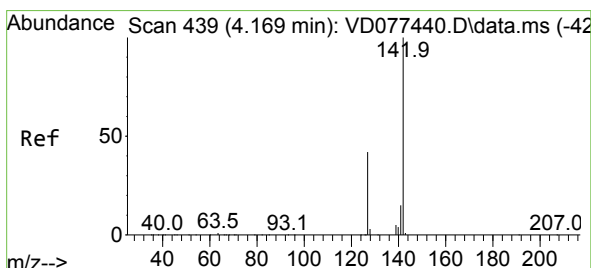
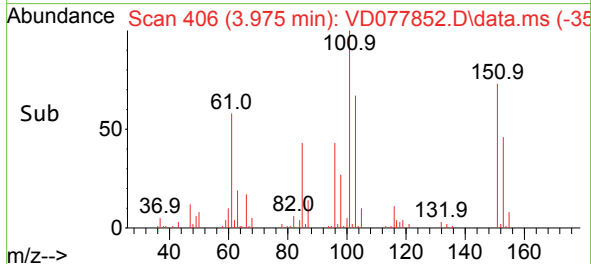
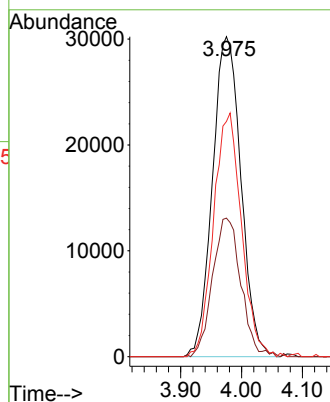
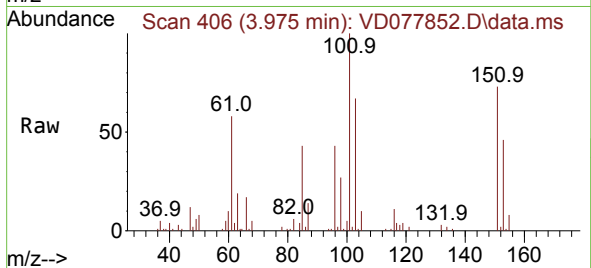




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.453 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

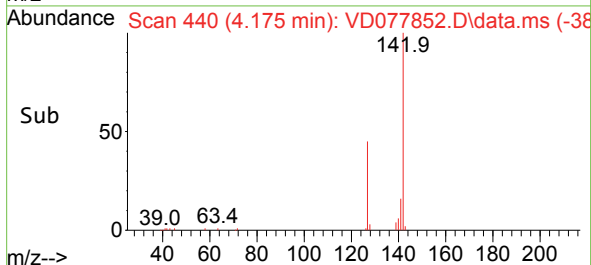
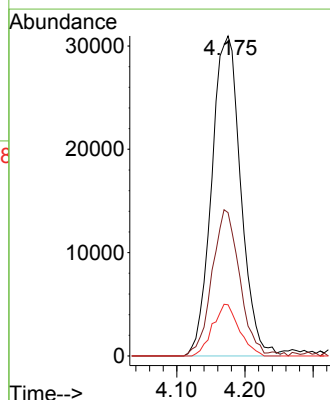
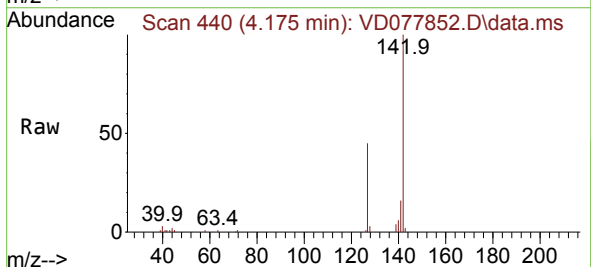
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ClientSampleId :

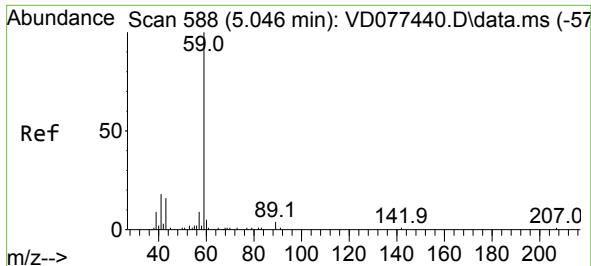
Tgt Ion:101 Resp: 98383
Ion Ratio Lower Upper
101 100
85 43.0 33.8 50.6
151 74.3 59.8 89.6



#10
Methyl Iodide
Concen: 54.195 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:142 Resp: 91917
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 14.7 11.1 16.7

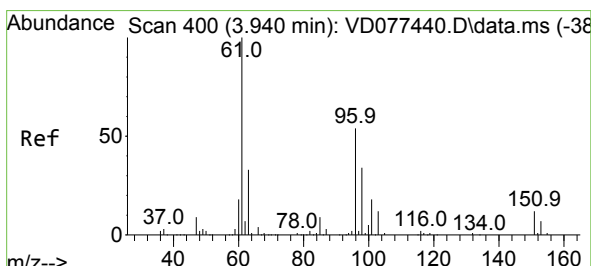
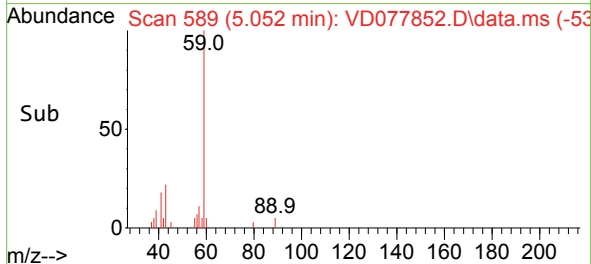
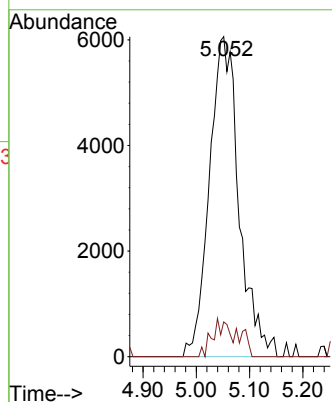
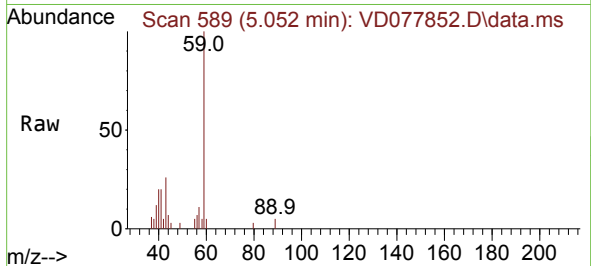




#11
Tert butyl alcohol
Concen: 262.951 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

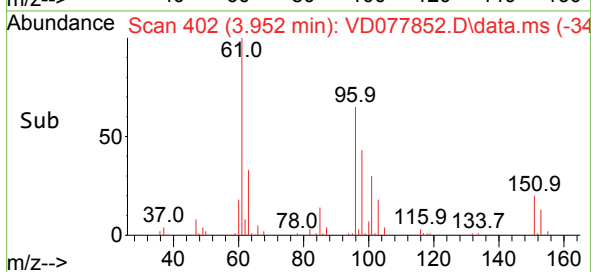
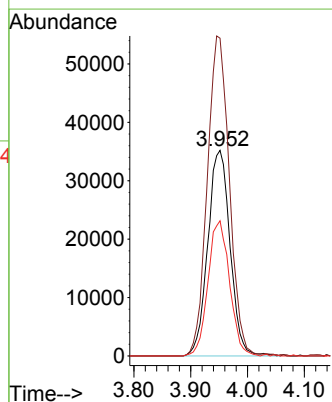
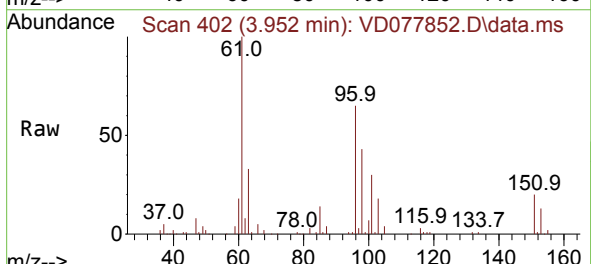
Instrument :
MSVOA_D
ClientSampleId :

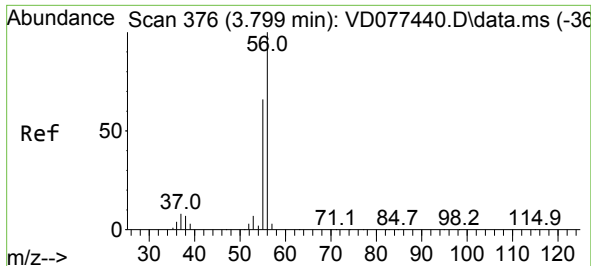
Tgt Ion: 59 Resp: 23374
Ion Ratio Lower Upper
59 100
57 6.6 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 50.762 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 96 Resp: 95797
Ion Ratio Lower Upper
96 100
61 154.6 100.6 150.8#
98 65.8 50.2 75.2

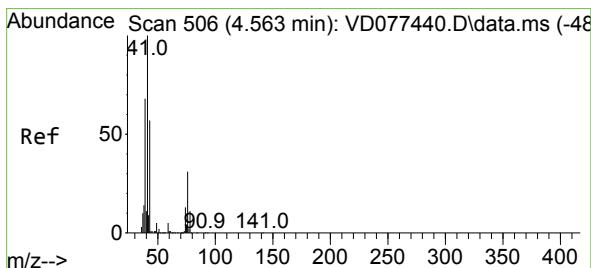
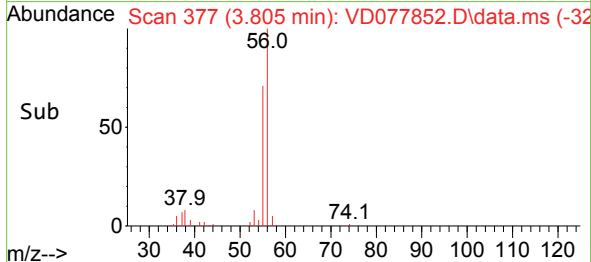
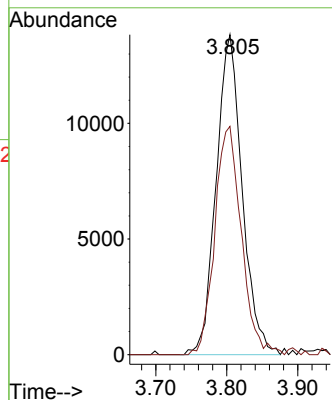
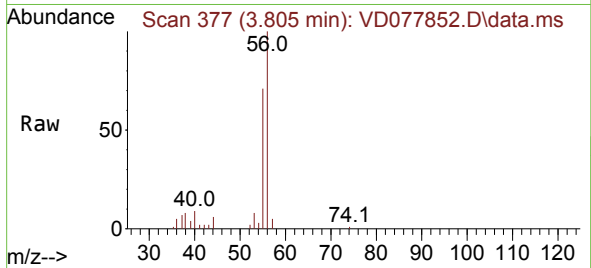




#13
Acrolein
Concen: 179.727 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

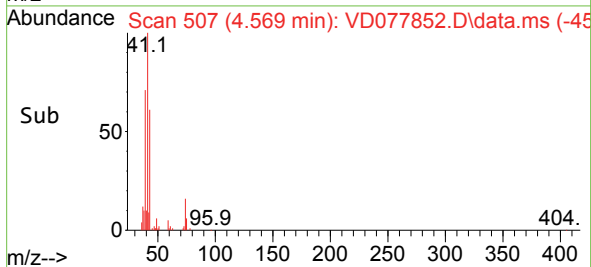
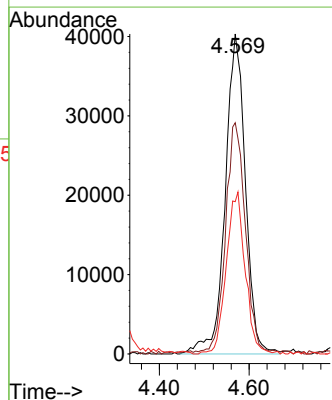
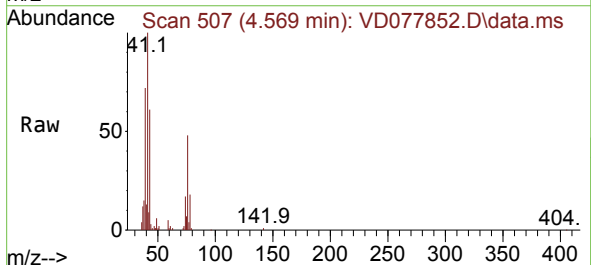
Instrument :
MSVOA_D
ClientSampleId :

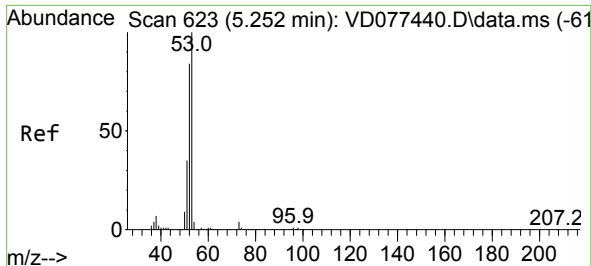
Tgt Ion: 56 Resp: 35172
Ion Ratio Lower Upper
56 100
55 72.9 55.1 82.7



#14
Allyl chloride
Concen: 48.652 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 41 Resp: 126277
Ion Ratio Lower Upper
41 100
39 69.5 53.8 80.6
76 47.5 45.8 68.8

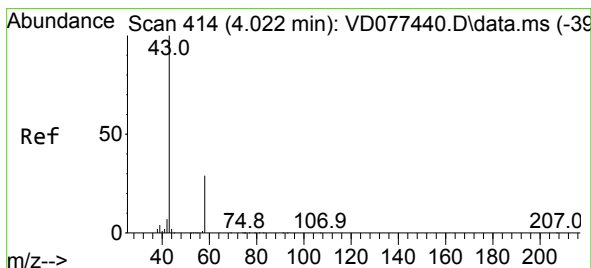
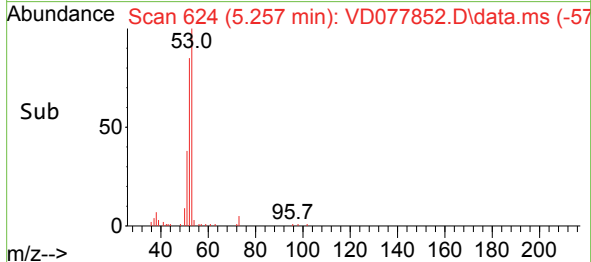
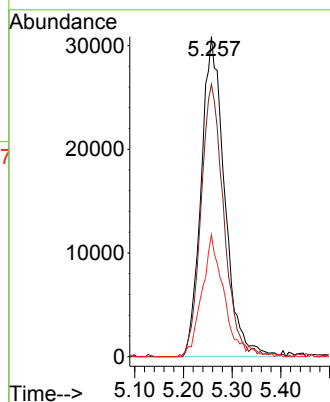
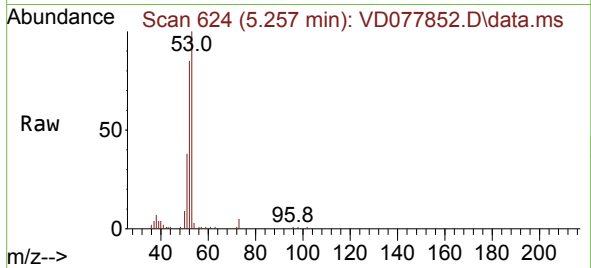




#15
Acrylonitrile
Concen: 256.792 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

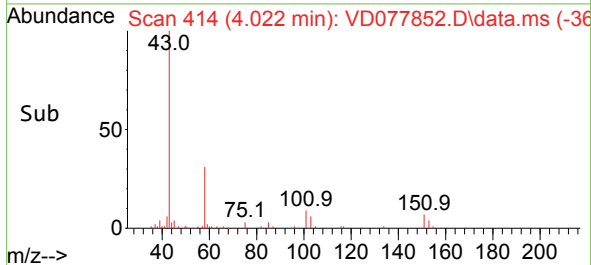
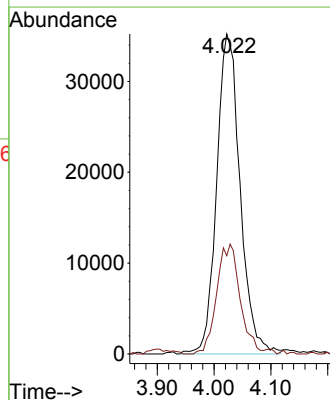
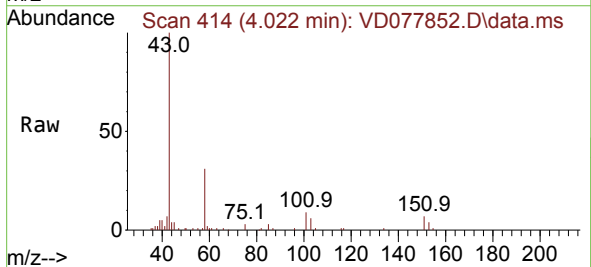
Instrument :
MSVOA_D
ClientSampleId :

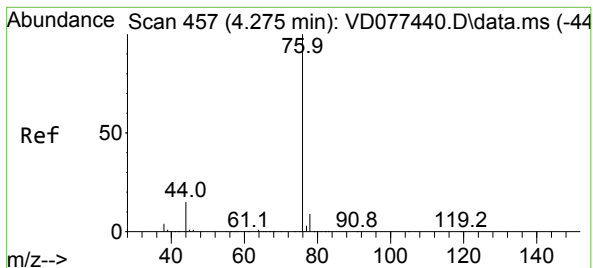
Tgt Ion: 53 Resp: 103189
Ion Ratio Lower Upper
53 100
52 83.2 65.0 97.4
51 36.5 28.3 42.5



#16
Acetone
Concen: 253.096 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 43 Resp: 101037
Ion Ratio Lower Upper
43 100
58 30.2 34.7 52.1#





#17

Carbon Disulfide

Concen: 47.157 ug/l

RT: 4.281 min Scan# 4

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

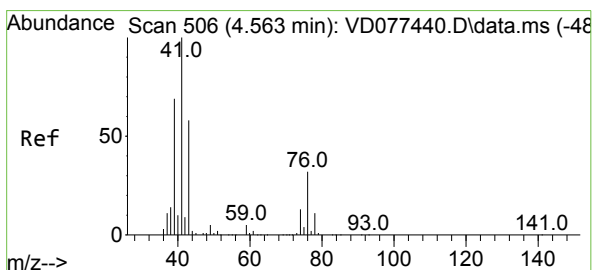
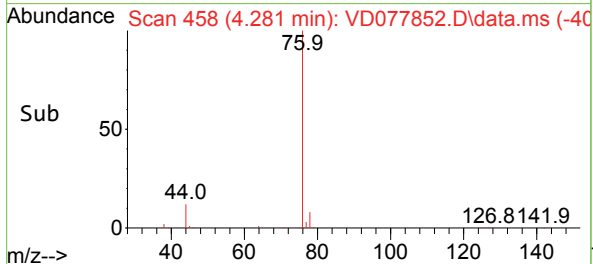
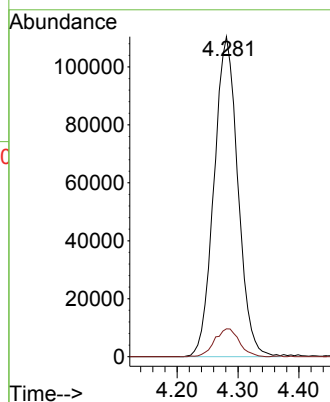
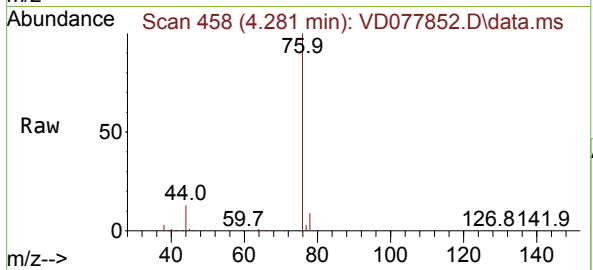
ClientSampleId :

Tgt Ion: 76 Resp: 301084

Ion Ratio Lower Upper

76 100

78 8.7 6.8 10.2



#18

Methyl Acetate

Concen: 52.727 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077852.D

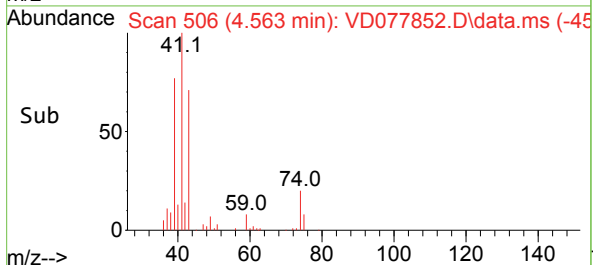
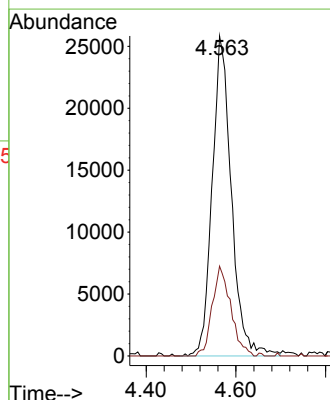
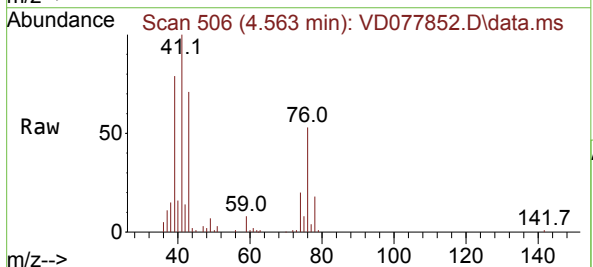
Acq: 13 Dec 2023 10:15

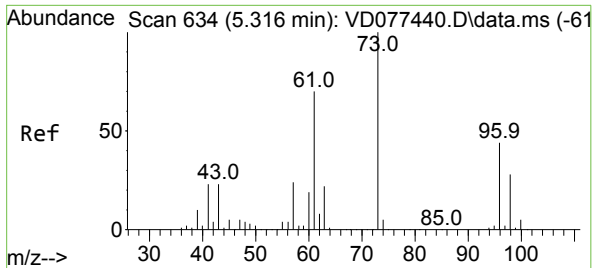
Tgt Ion: 43 Resp: 76822

Ion Ratio Lower Upper

43 100

74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.497 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

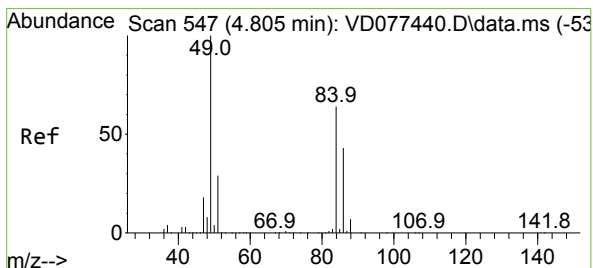
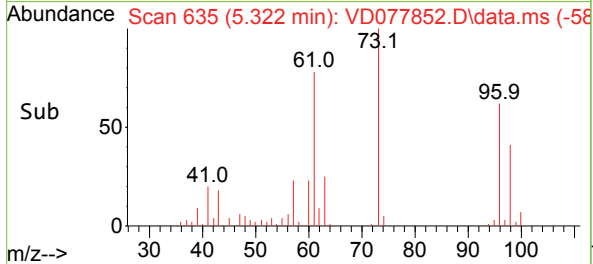
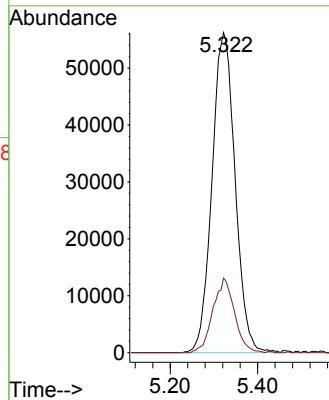
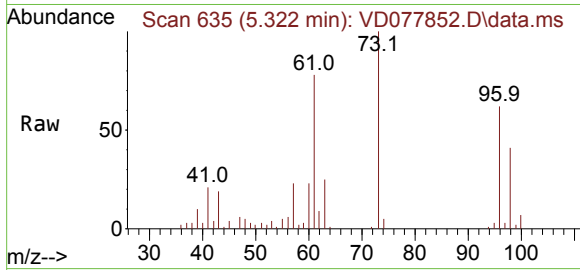
ClientSampleId :

Tgt Ion: 73 Resp: 206192

Ion Ratio Lower Upper

73 100

57 23.3 16.6 25.0



#20

Methylene Chloride

Concen: 49.769 ug/l

RT: 4.804 min Scan# 547

Delta R.T. -0.001 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Tgt Ion: 84 Resp: 109090

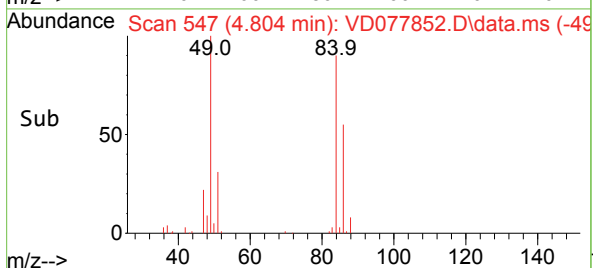
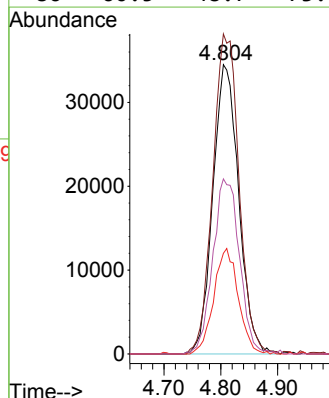
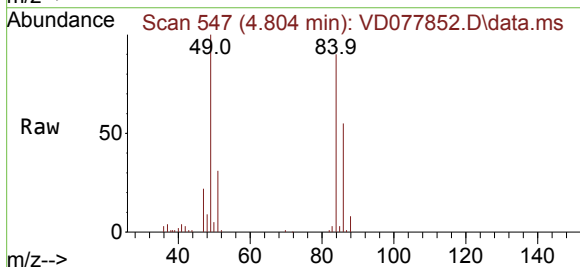
Ion Ratio Lower Upper

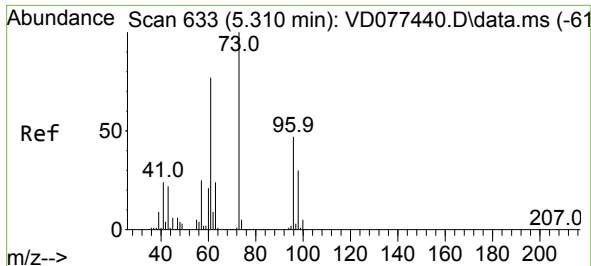
84 100

49 110.6 71.4 107.2#

51 34.8 24.5 36.7

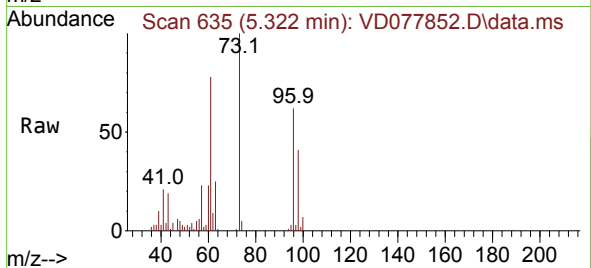
86 60.5 48.7 73.1



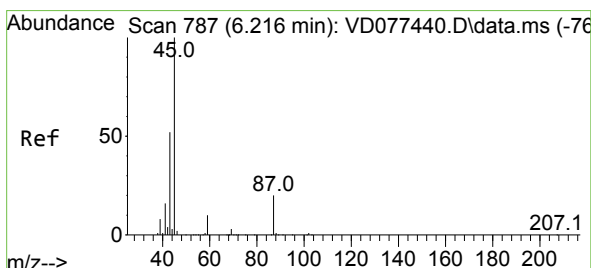
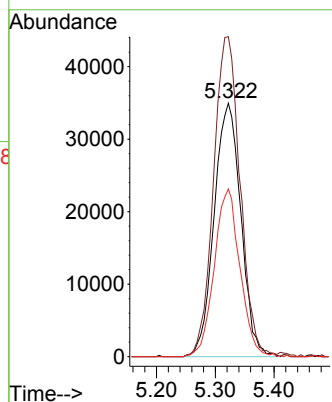
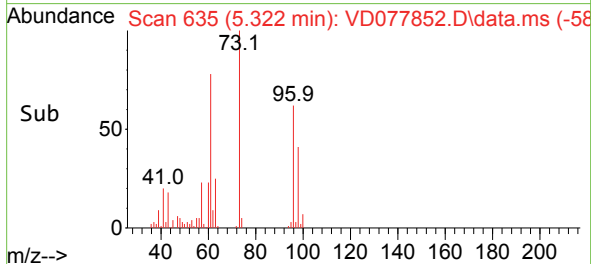


#21
trans-1,2-Dichloroethene
Concen: 51.650 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :

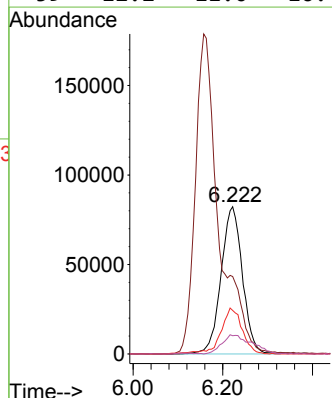
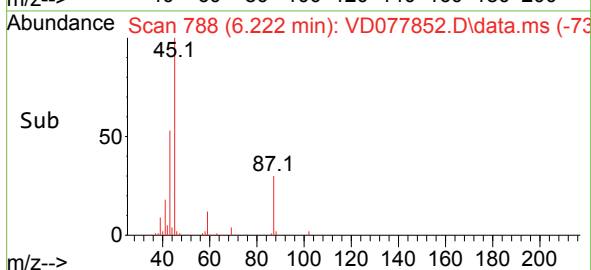
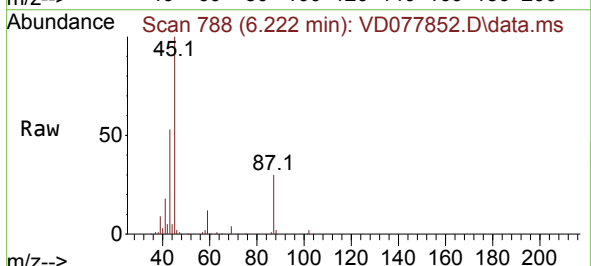


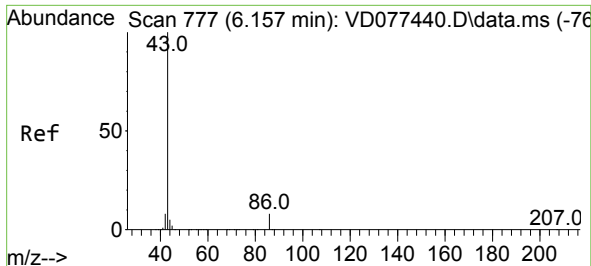
Tgt Ion: 96 Resp: 110404
Ion Ratio Lower Upper
96 100
61 126.3 89.3 133.9
98 66.1 48.6 73.0



#22
Diisopropyl ether
Concen: 50.305 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

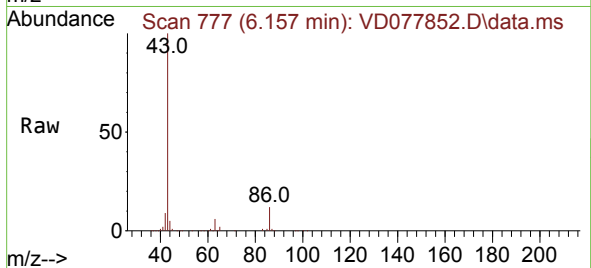
Tgt Ion: 45 Resp: 272851
Ion Ratio Lower Upper
45 100
43 51.6 40.0 60.0
87 29.6 28.2 42.4
59 12.2 11.0 16.4



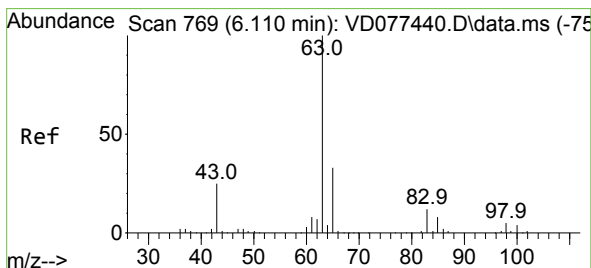
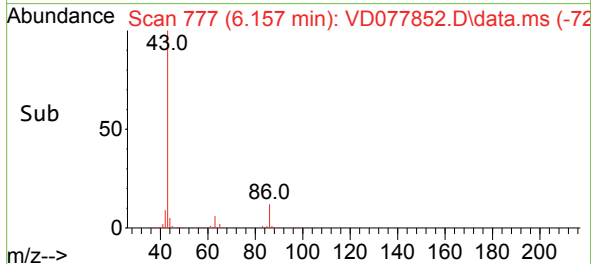
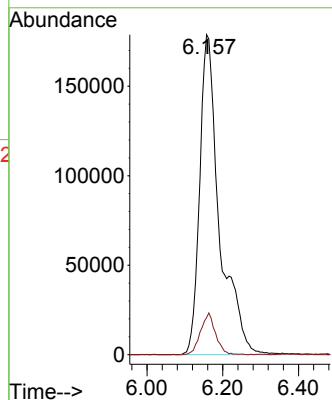


#23
 Vinyl Acetate
 Concen: 246.163 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Instrument :
 MSVOA_D
 ClientSampleId :

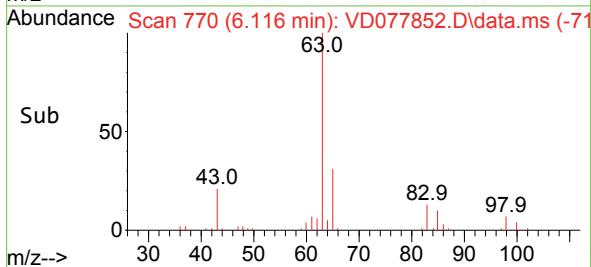
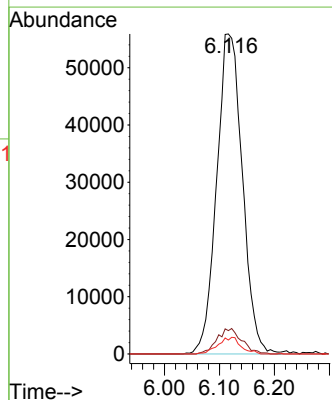
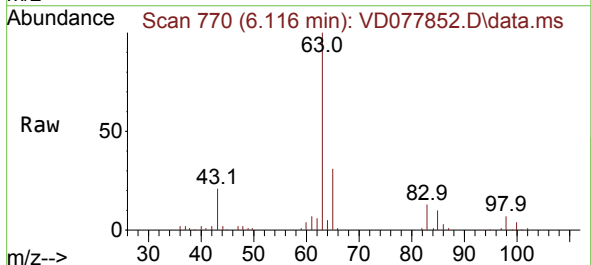


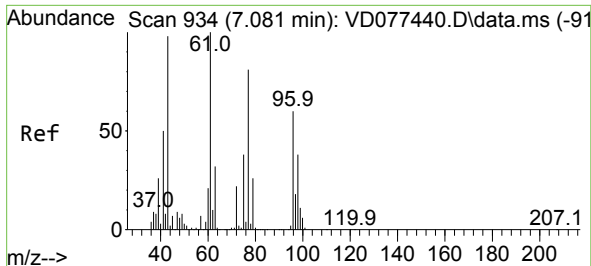
Tgt Ion: 43 Resp: 652016
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.470 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Tgt Ion: 63 Resp: 181709
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 4.3 2.5 7.5





#25

2-Butanone

Concen: 247.922 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

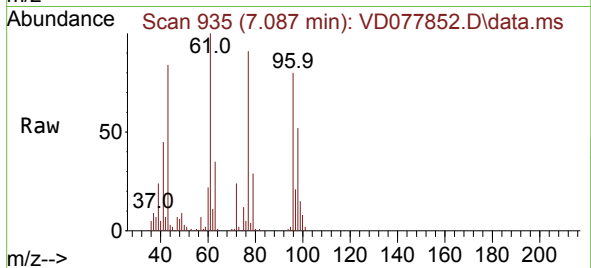
Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

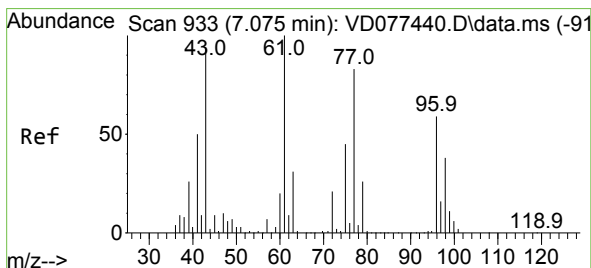
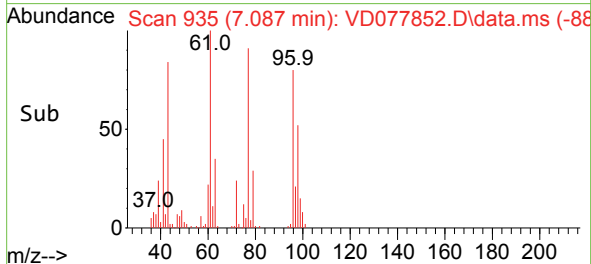
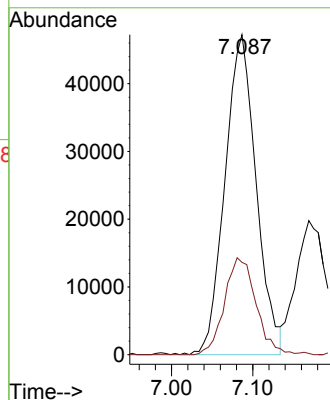


Tgt Ion: 43 Resp: 126141

Ion Ratio Lower Upper

43 100

72 28.9 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 50.958 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD077852.D

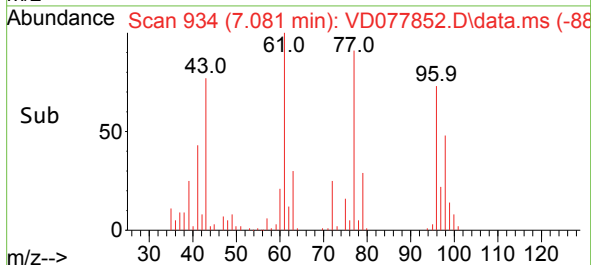
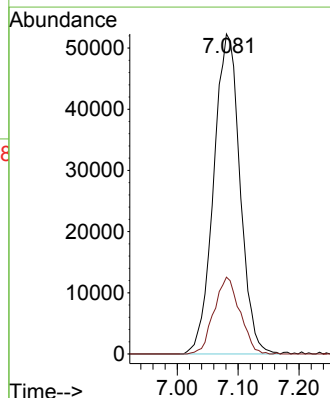
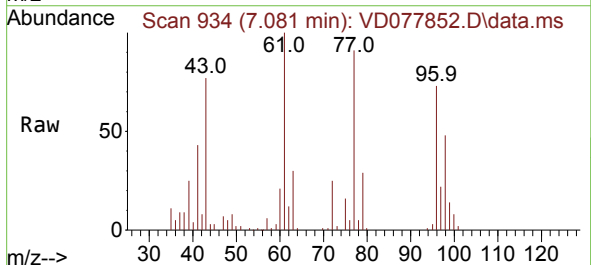
Acq: 13 Dec 2023 10:15

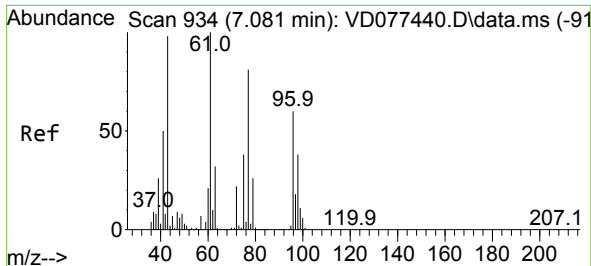
Tgt Ion: 77 Resp: 157152

Ion Ratio Lower Upper

77 100

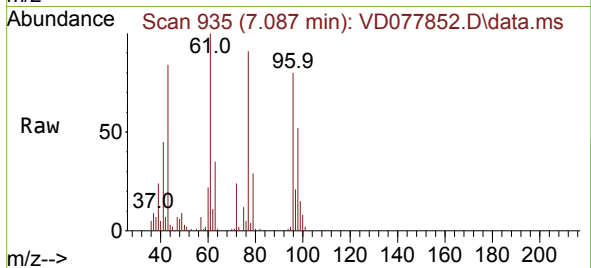
97 23.5 13.2 39.6



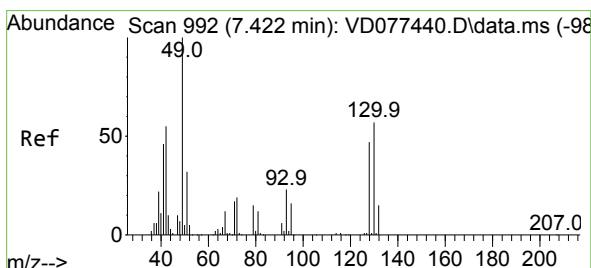
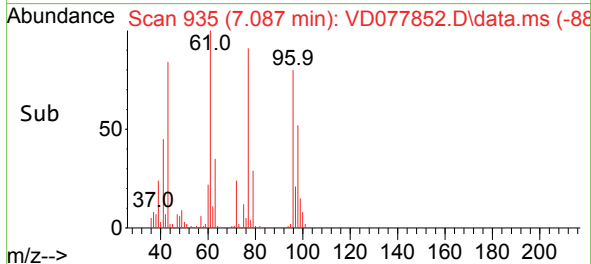
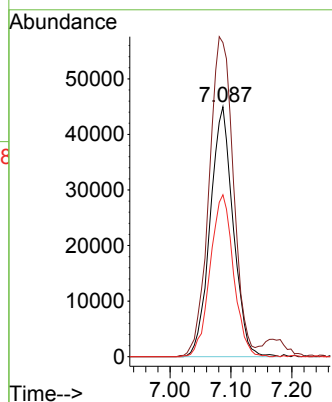


#27
 cis-1,2-Dichloroethene
 Concen: 51.352 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Instrument :
 MSVOA_D
 ClientSampleId :

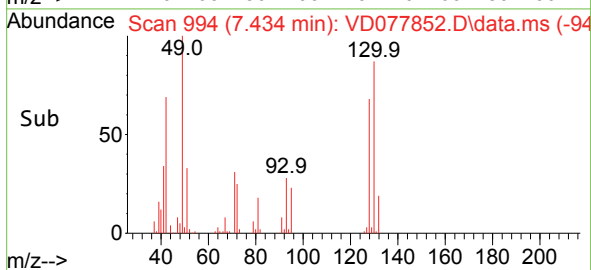
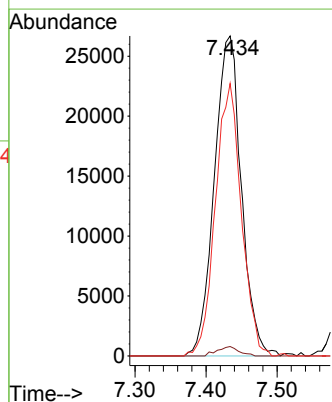
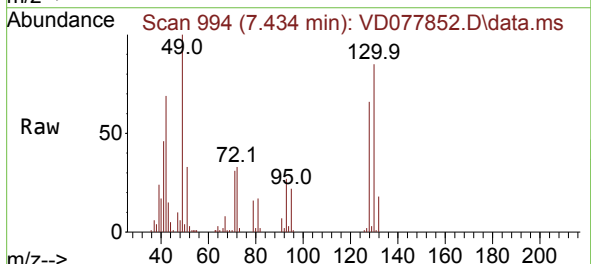


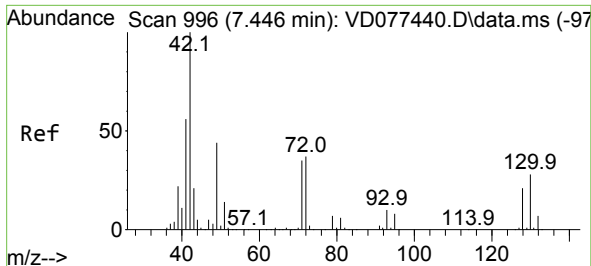
Tgt Ion: 96 Resp: 118113
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 239.2
 98 65.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 47.582 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Tgt Ion: 49 Resp: 70622
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 6.0
 130 81.6 83.2 124.8#





#29

Tetrahydrofuran

Concen: 250.499 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

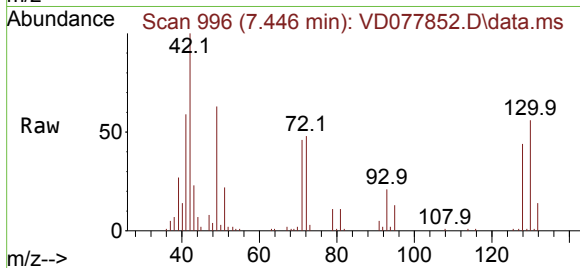
Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

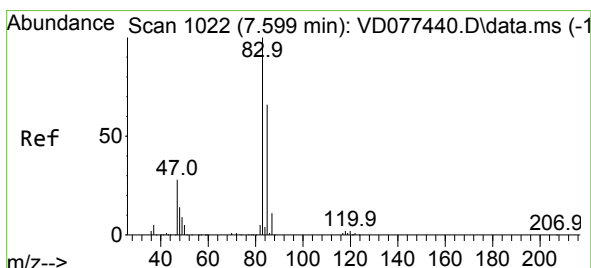
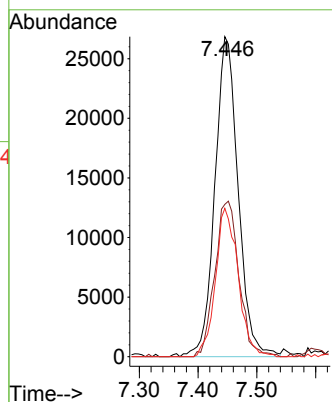
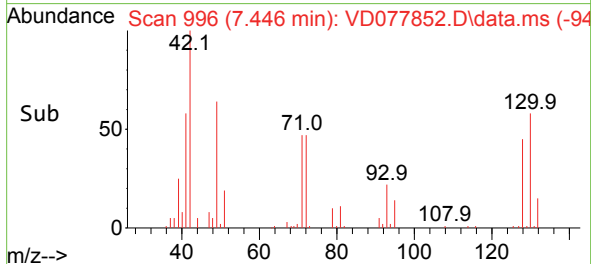
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	73796
Ion	Ratio	Lower	Upper
42	100		
72	50.6	46.5	69.7
71	45.2	44.5	66.7



#30

Chloroform

Concen: 50.007 ug/l

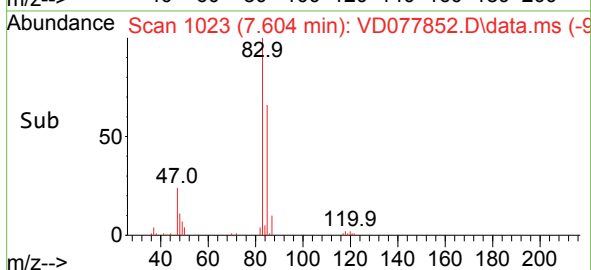
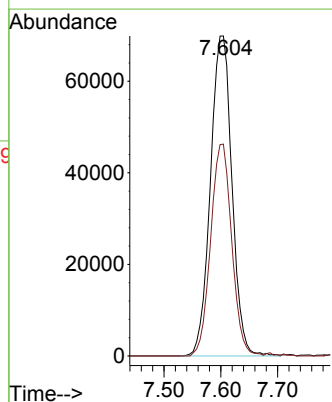
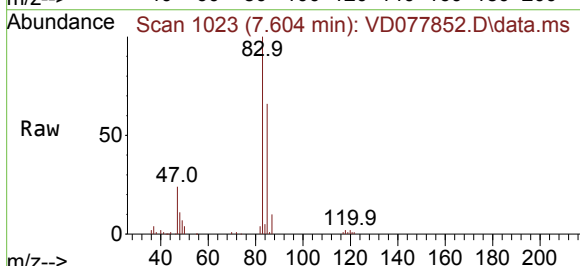
RT: 7.604 min Scan# 1023

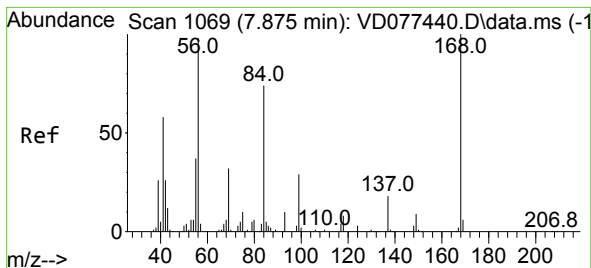
Delta R.T. 0.005 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Tgt Ion:	83	Resp:	183830
Ion	Ratio	Lower	Upper
83	100		
85	66.2	53.4	80.2





#31

Cyclohexane

Concen: 49.228 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

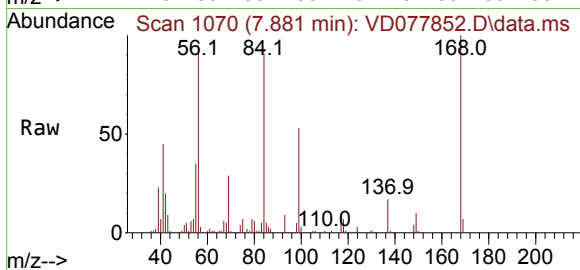
Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :



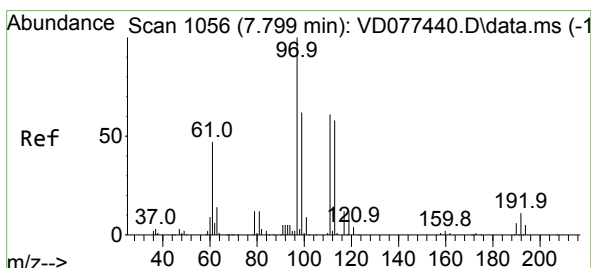
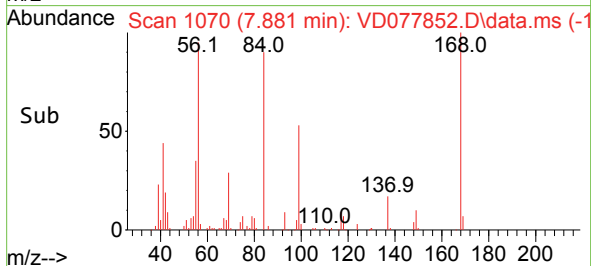
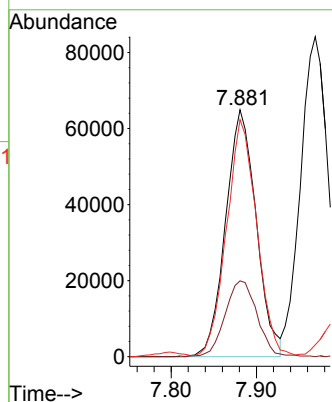
Tgt Ion: 56 Resp: 161987

Ion Ratio Lower Upper

56 100

69 30.4 28.6 43.0

84 94.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.538 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.001 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

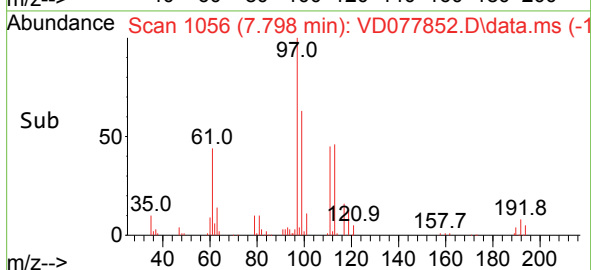
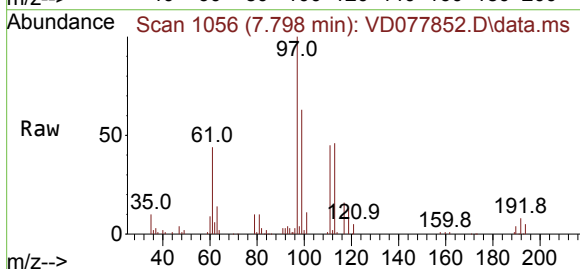
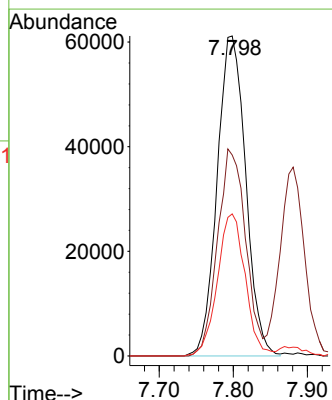
Tgt Ion: 97 Resp: 163779

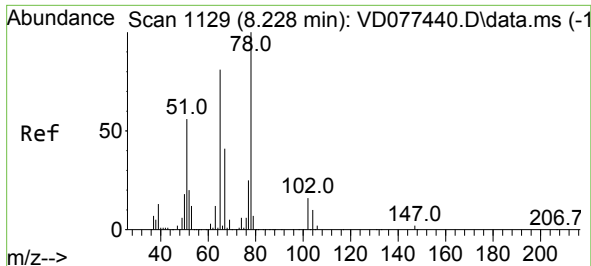
Ion Ratio Lower Upper

97 100

99 63.6 52.0 78.0

61 43.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 44.966 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

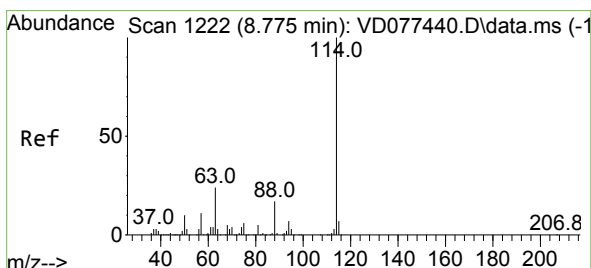
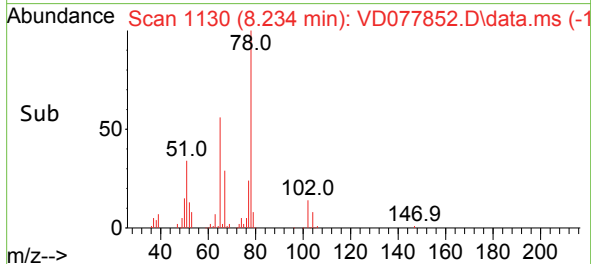
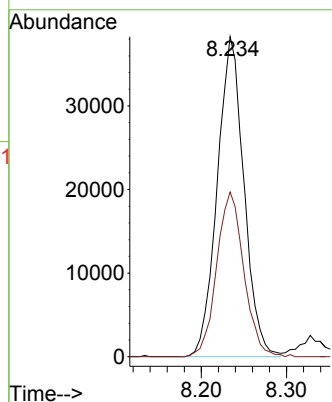
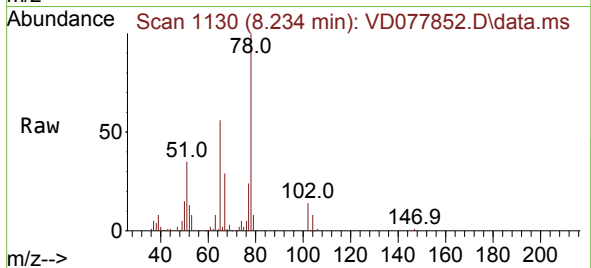
ClientSampleId :

Tgt Ion: 65 Resp: 83187

Ion Ratio Lower Upper

65 100

67 52.4 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: VD077852.D

Acq: 13 Dec 2023 10:15

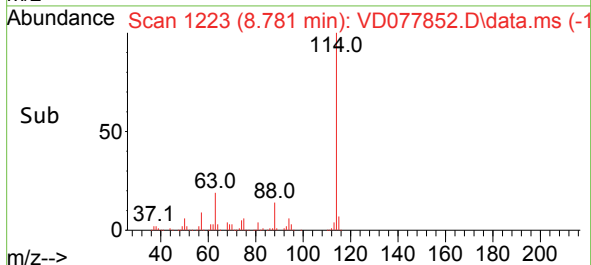
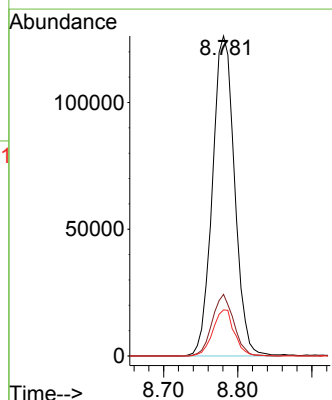
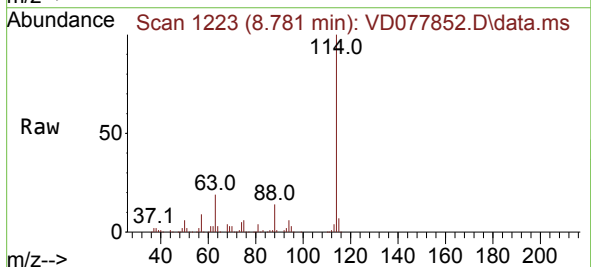
Tgt Ion: 114 Resp: 261896

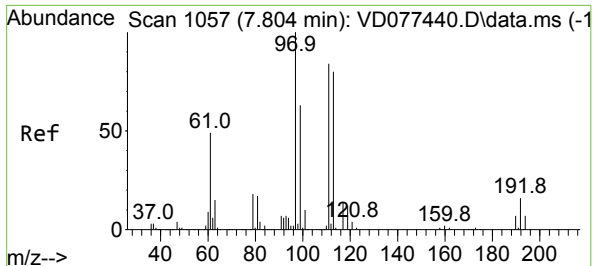
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.4

88 14.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.804 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

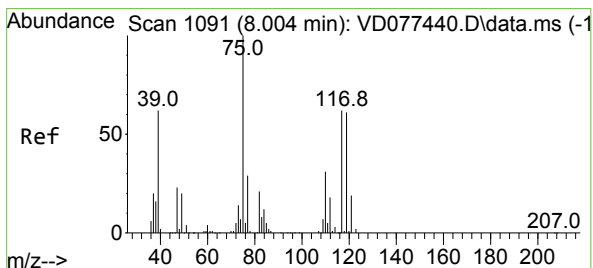
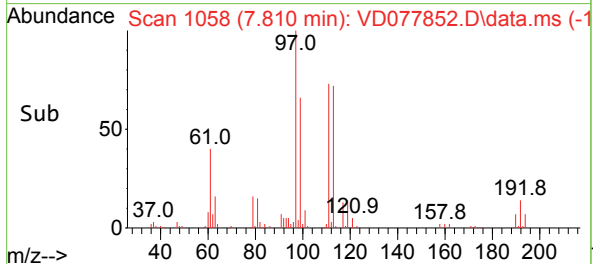
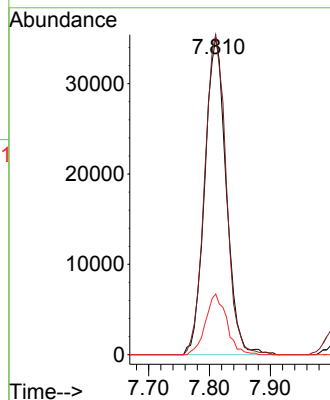
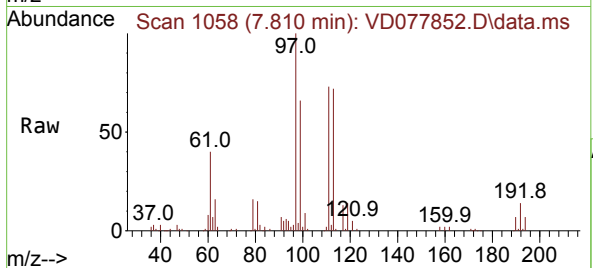
Tgt Ion:113 Resp: 85861

Ion Ratio Lower Upper

113 100

111 101.2 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.972 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.012 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

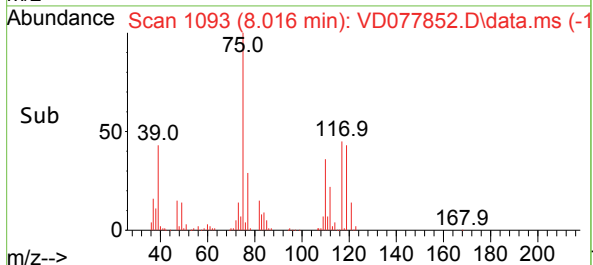
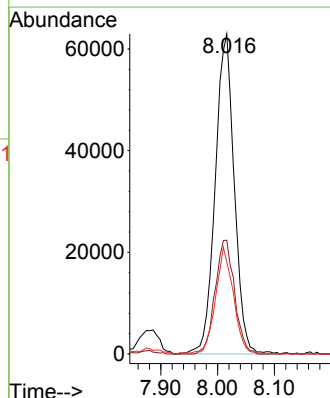
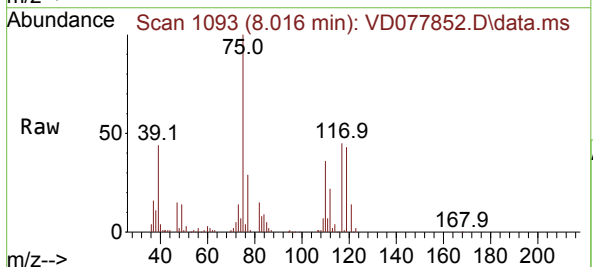
Tgt Ion: 75 Resp: 146635

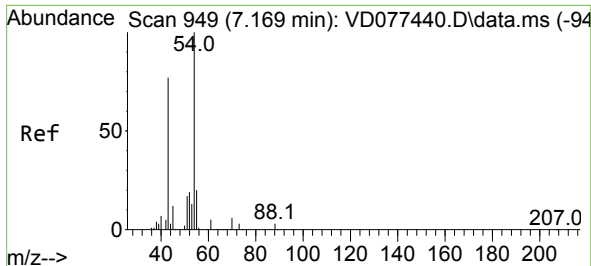
Ion Ratio Lower Upper

75 100

110 36.2 19.9 59.6

77 31.5 24.7 37.1

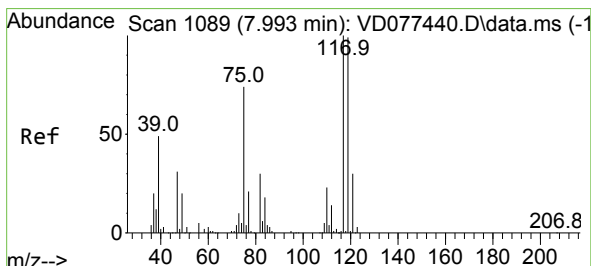
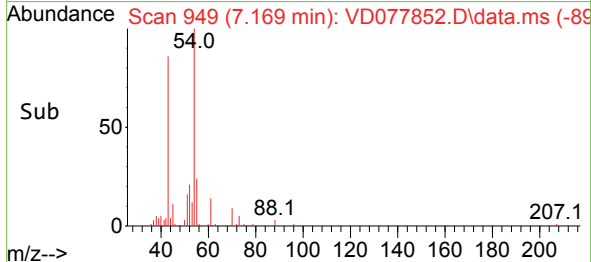
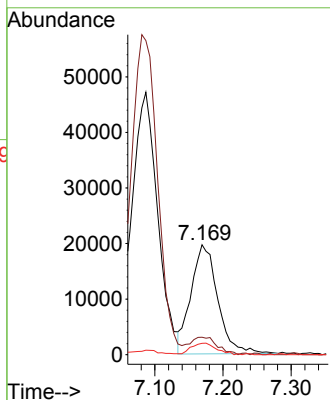
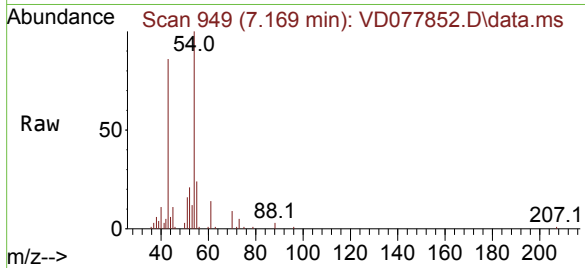




#37
Ethyl Acetate
Concen: 46.704 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

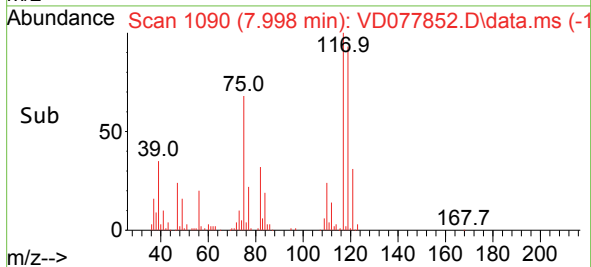
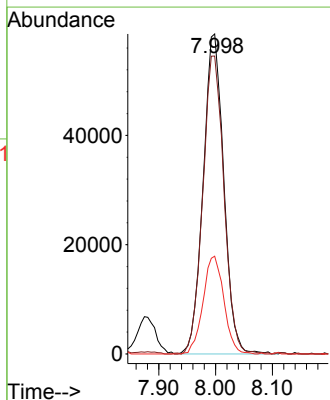
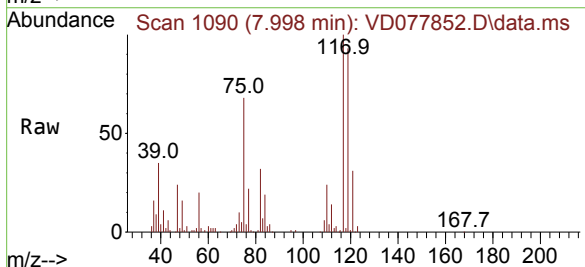
Instrument :
MSVOA_D
ClientSampleId :

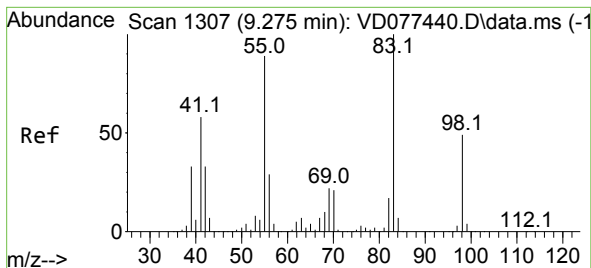
Tgt Ion: 43 Resp: 53438
Ion Ratio Lower Upper
43 100
61 15.4 14.9 22.3
70 10.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 50.421 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 117 Resp: 147501
Ion Ratio Lower Upper
117 100
119 92.8 78.0 117.0
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 53.348 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

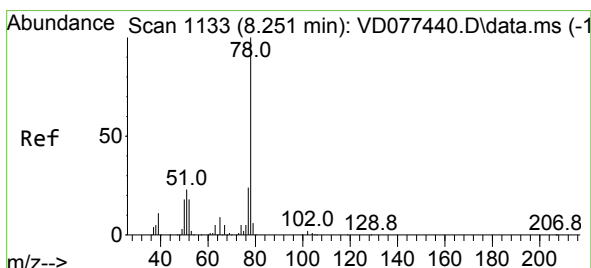
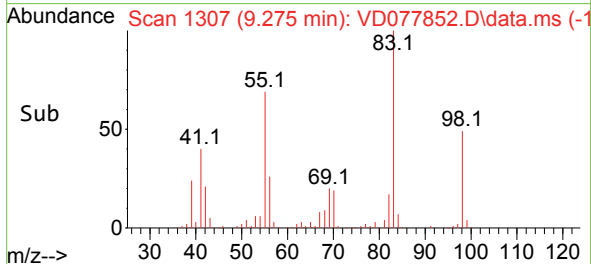
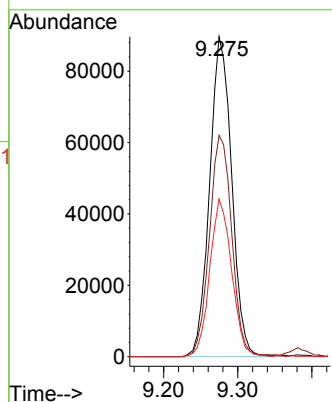
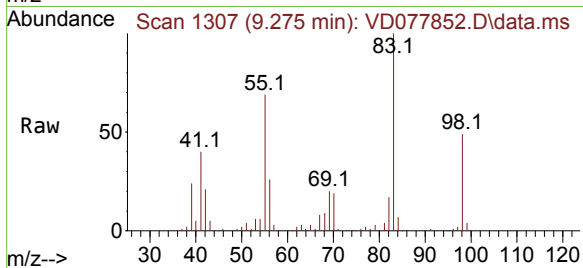
Tgt Ion: 83 Resp: 185579

Ion Ratio Lower Upper

83 100

55 69.2 49.4 74.0

98 49.3 38.4 57.6



#40

Benzene

Concen: 50.559 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077852.D

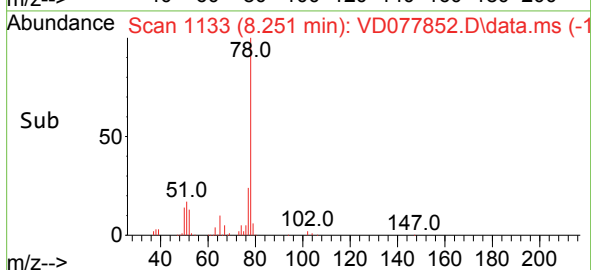
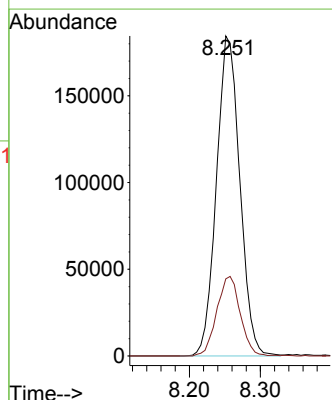
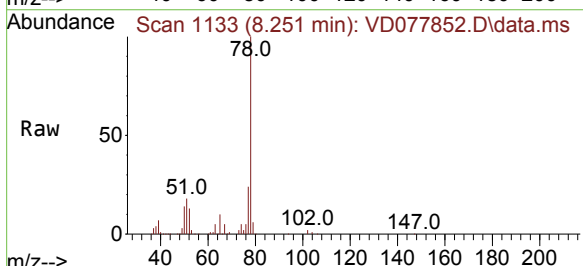
Acq: 13 Dec 2023 10:15

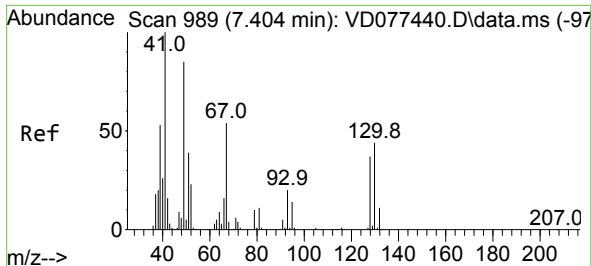
Tgt Ion: 78 Resp: 421071

Ion Ratio Lower Upper

78 100

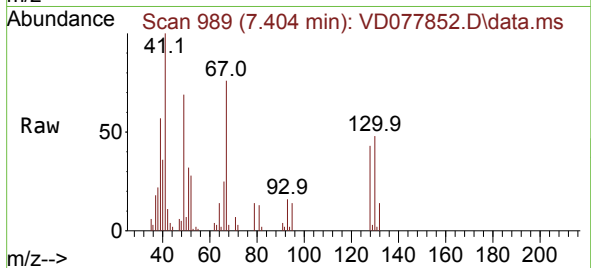
77 24.1 19.4 29.0



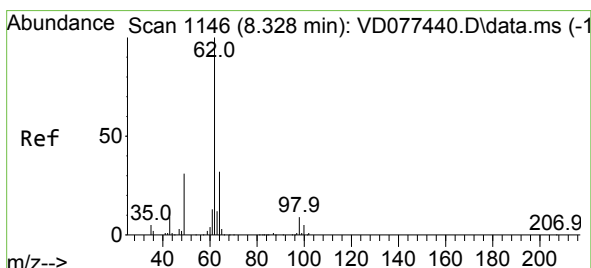
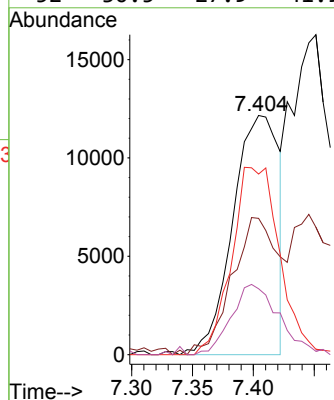
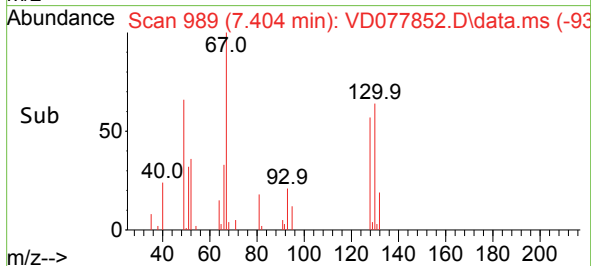


#41
Methacrylonitrile
Concen: 54.832 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :

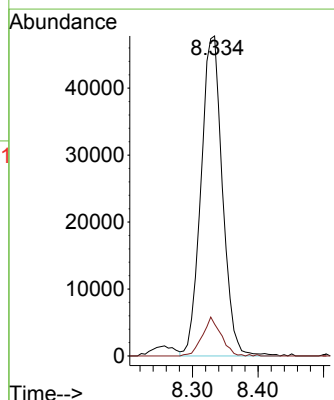
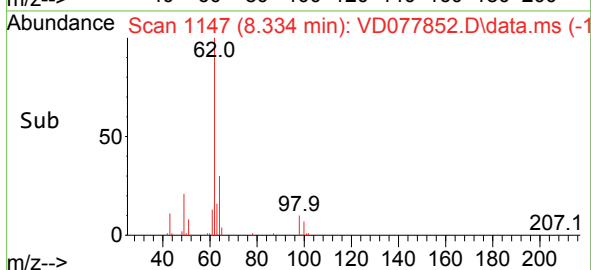
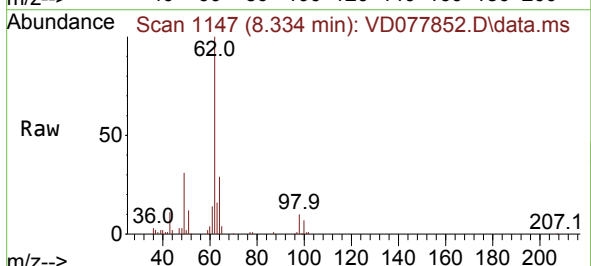


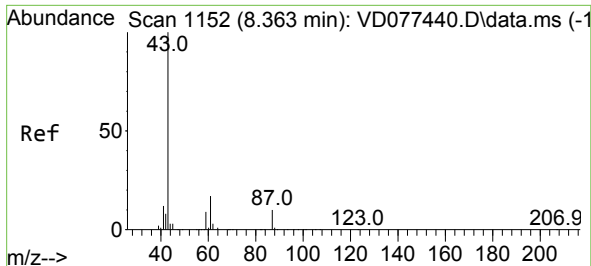
Tgt Ion: 41 Resp: 31887
Ion Ratio Lower Upper
41 100
39 60.3 34.0 51.0#
67 81.4 77.0 115.4
52 30.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.453 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 62 Resp: 108920
Ion Ratio Lower Upper
62 100
98 10.6 0.0 25.4

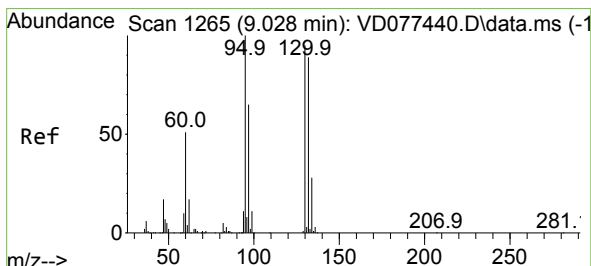
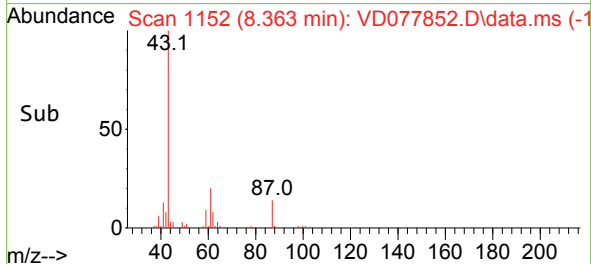
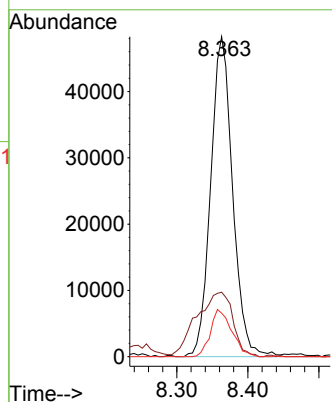
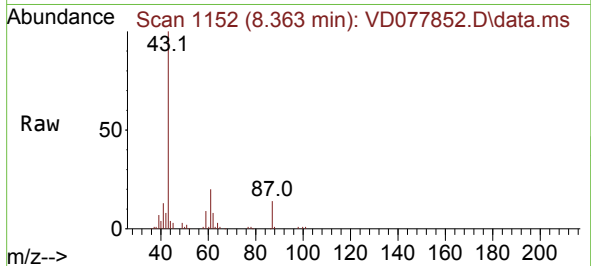




#43
Isopropyl Acetate
Concen: 50.918 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

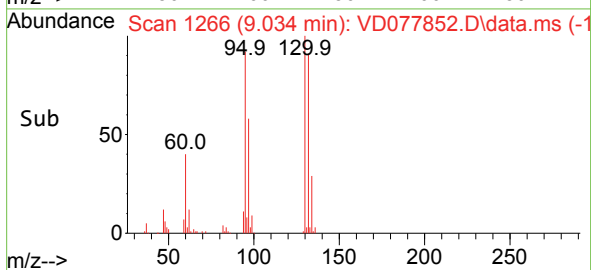
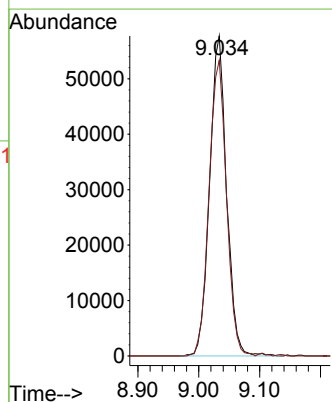
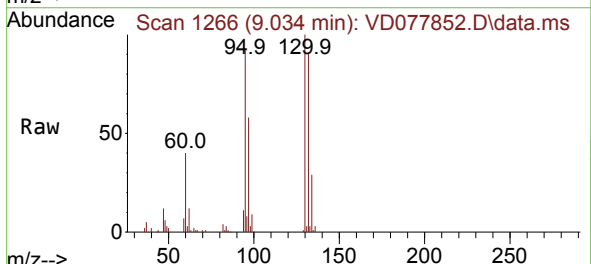
Instrument :
MSVOA_D
ClientSampleId :

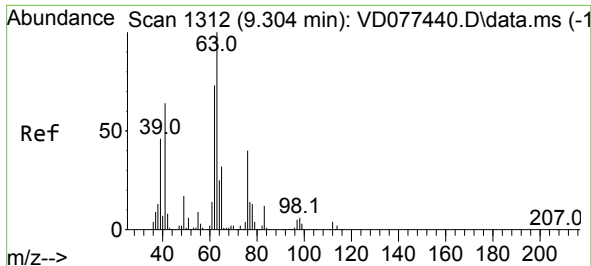
Tgt Ion: 43 Resp: 103563
Ion Ratio Lower Upper
43 100
61 33.2 31.4 47.0
87 14.4 14.9 22.3#



#44
Trichloroethene
Concen: 51.457 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:130 Resp: 111680
Ion Ratio Lower Upper
130 100
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.526 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

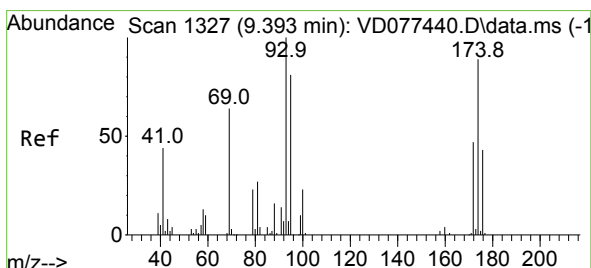
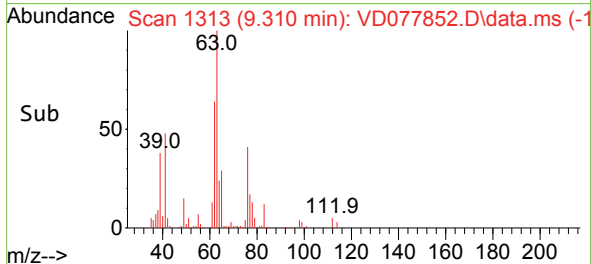
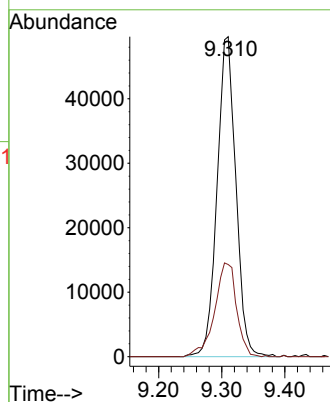
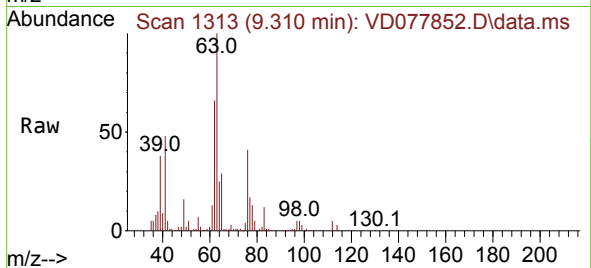
ClientSampleId :

Tgt Ion: 63 Resp: 102296

Ion Ratio Lower Upper

63 100

65 28.8 24.5 36.7



#46

Dibromomethane

Concen: 51.374 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

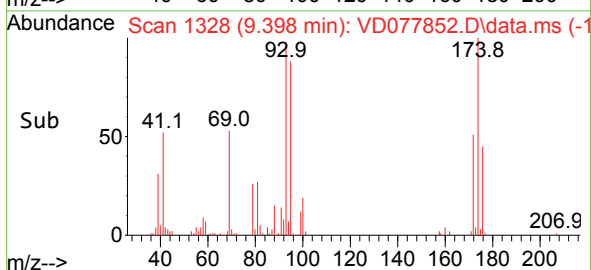
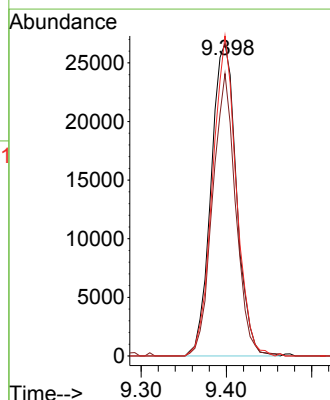
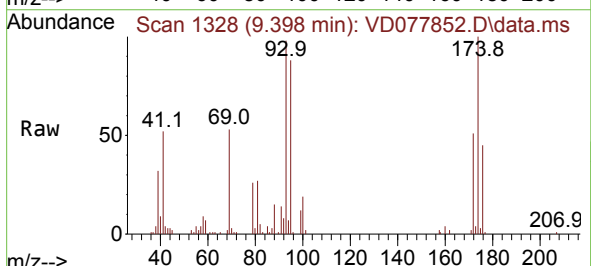
Tgt Ion: 93 Resp: 55034

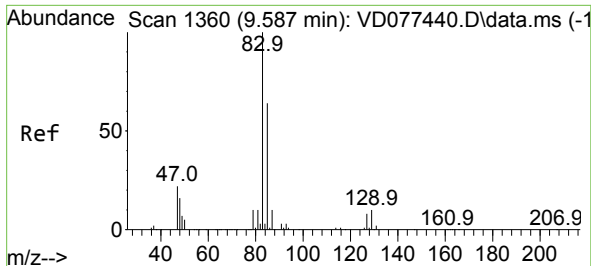
Ion Ratio Lower Upper

93 100

95 82.6 67.7 101.5

174 95.7 85.4 128.2

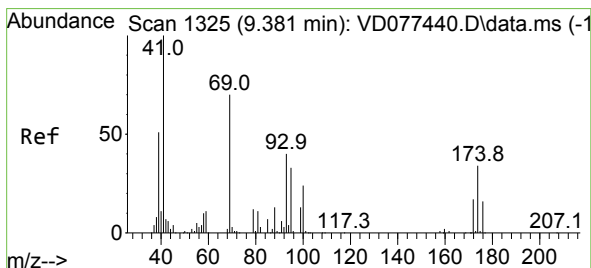
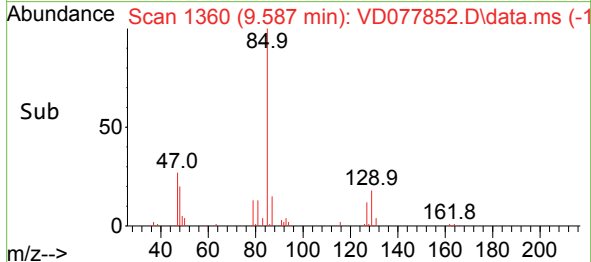
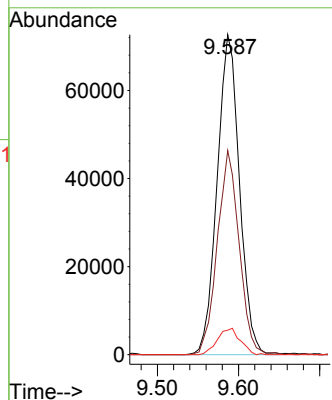
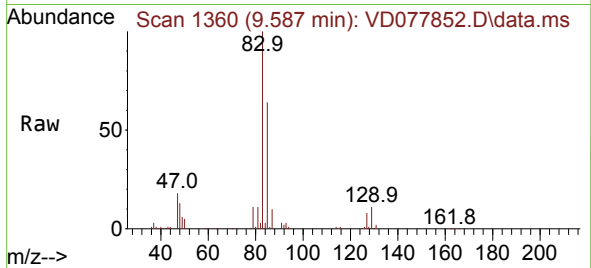




#47
Bromodichloromethane
Concen: 51.200 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

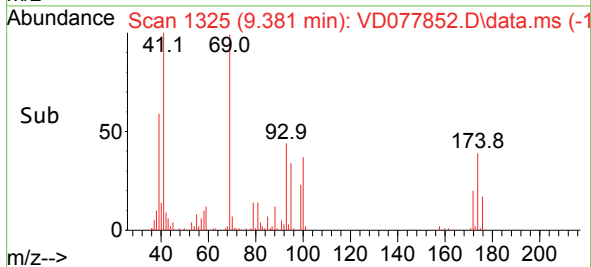
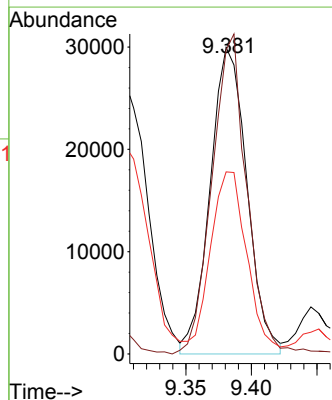
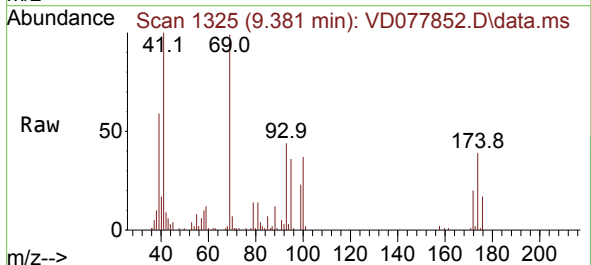
Instrument :
MSVOA_D
ClientSampleId :

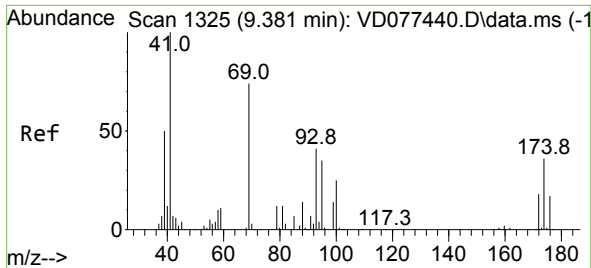
Tgt Ion: 83 Resp: 139020
Ion Ratio Lower Upper
83 100
85 63.8 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 50.586 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 41 Resp: 58486
Ion Ratio Lower Upper
41 100
69 98.9 102.2 153.2#
39 54.1 41.4 62.2





#49

1,4-Dioxane

Concen: 1053.482 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

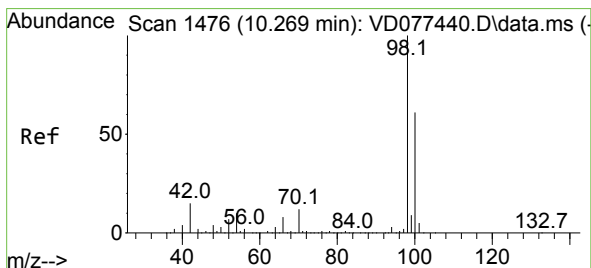
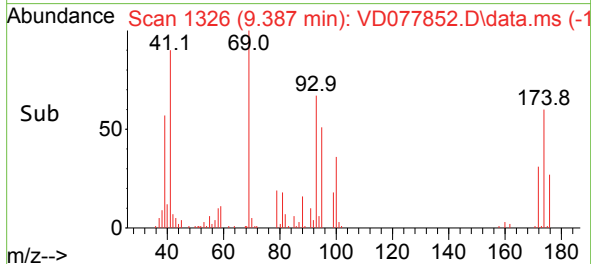
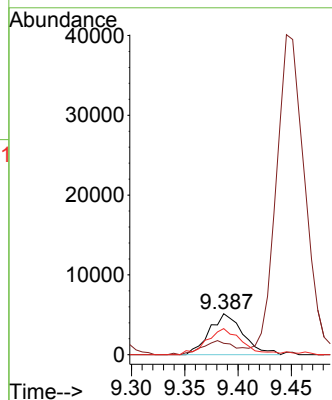
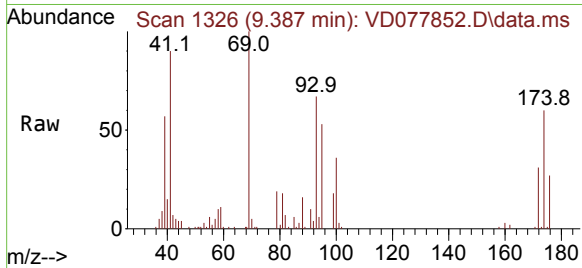
Tgt Ion: 88 Resp: 11206

Ion Ratio Lower Upper

88 100

43 35.3 19.0 28.6#

58 66.0 43.5 65.3#



#50

Toluene-d8

Concen: 47.524 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077852.D

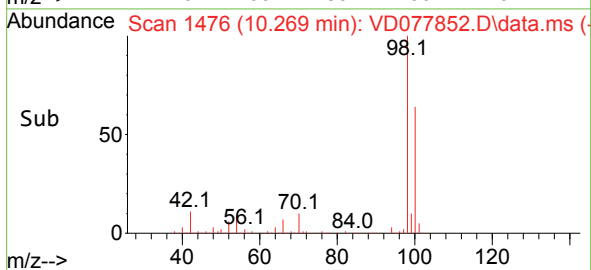
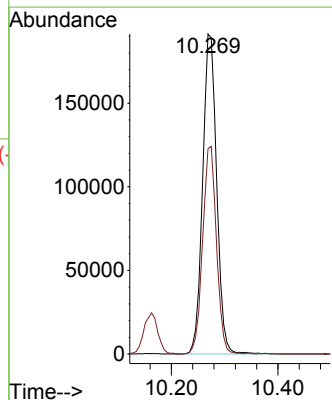
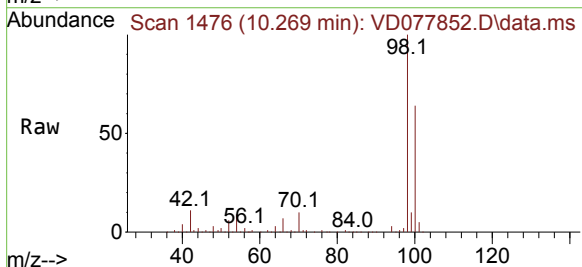
Acq: 13 Dec 2023 10:15

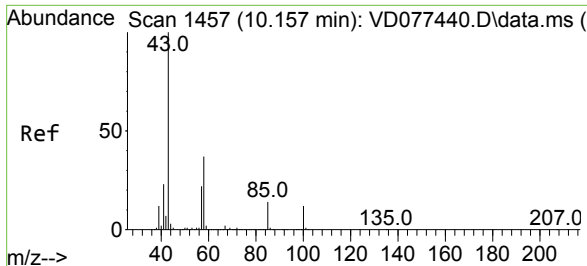
Tgt Ion: 98 Resp: 349179

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

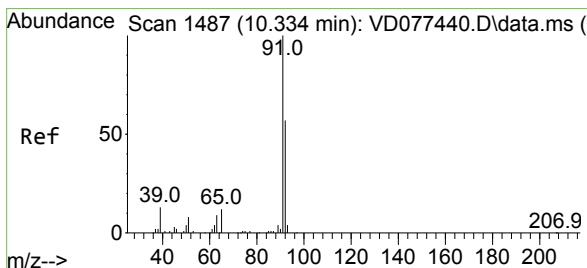
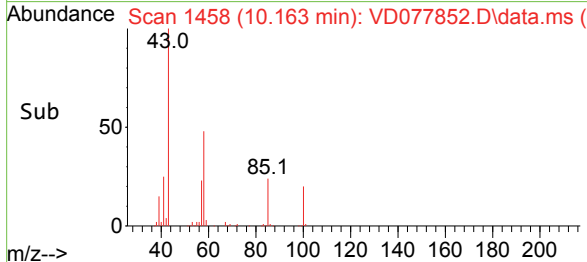
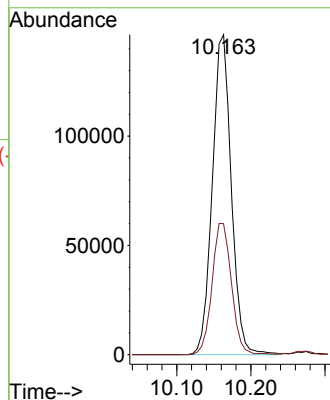
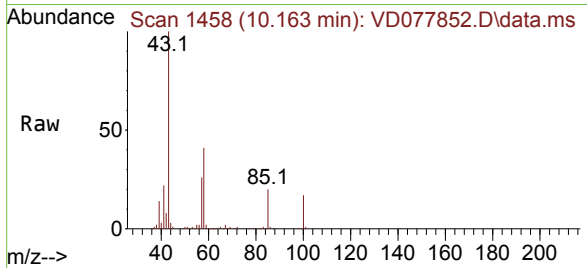




#51
4-Methyl-2-Pentanone
Concen: 250.834 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

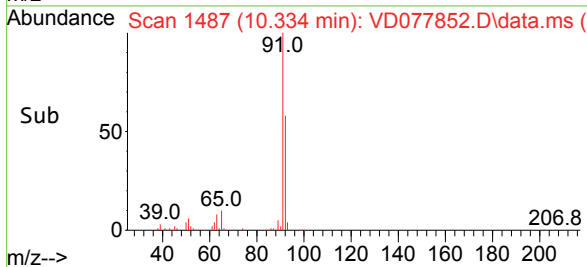
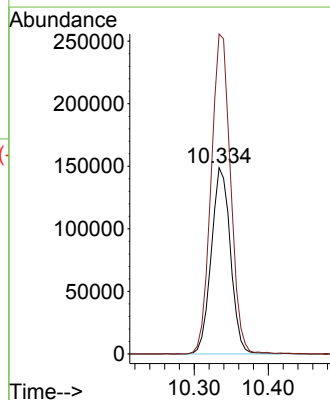
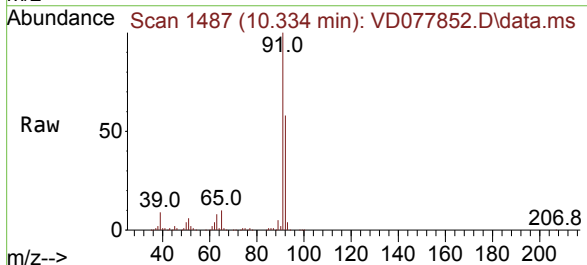
Instrument :
MSVOA_D
ClientSampleId :

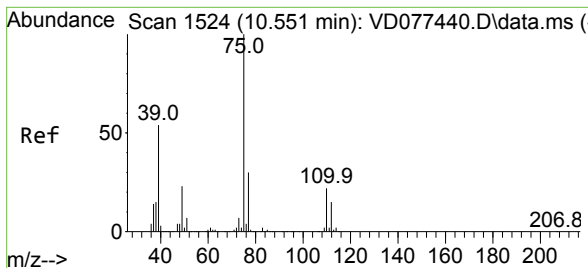
Tgt Ion: 43 Resp: 260374
Ion Ratio Lower Upper
43 100
58 42.0 38.9 58.3



#52
Toluene
Concen: 51.838 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 92 Resp: 267802
Ion Ratio Lower Upper
92 100
91 174.4 143.0 214.4

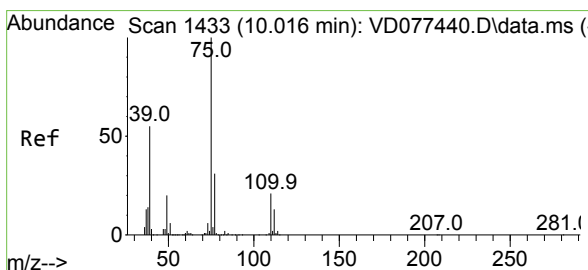
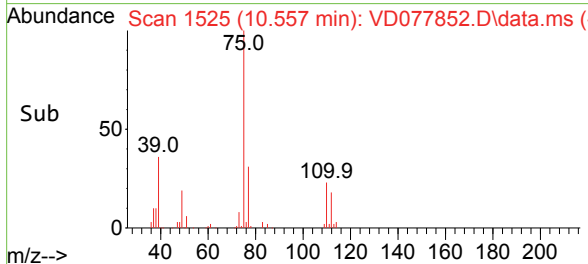
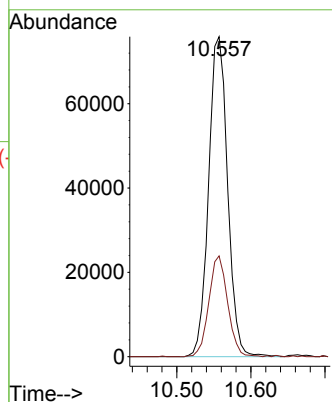
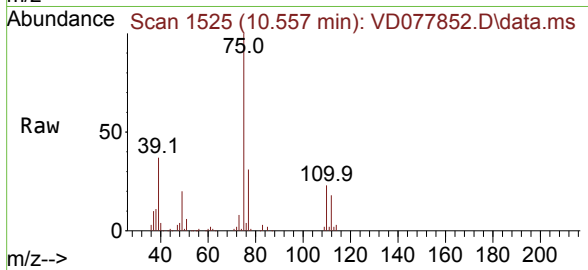




#53
 t-1,3-Dichloropropene
 Concen: 51.876 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

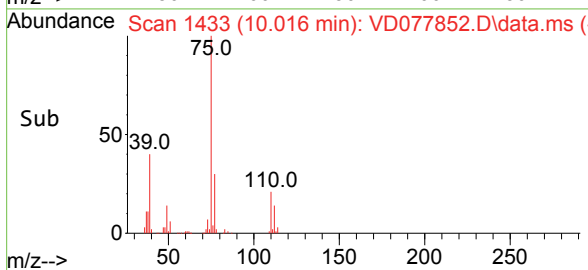
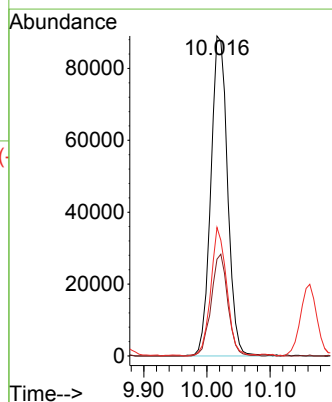
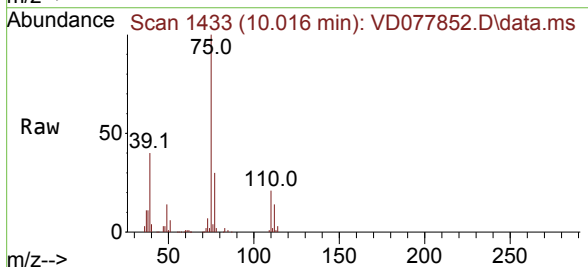
Instrument :
 MSVOA_D
 ClientSampleId :

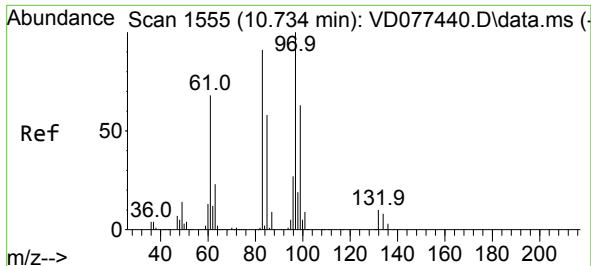
Tgt Ion: 75 Resp: 135263
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.995 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

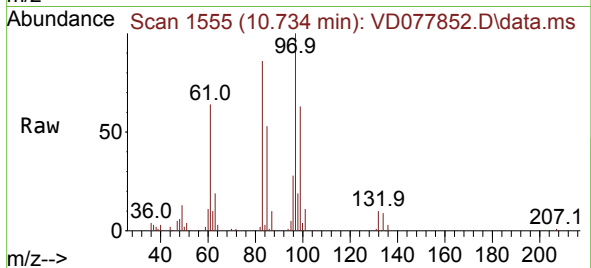
Tgt Ion: 75 Resp: 163915
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.5 38.3
 39 39.9 22.1 33.1#



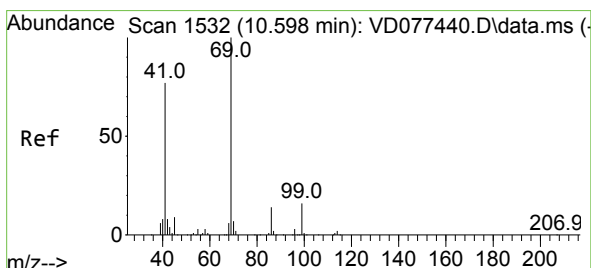
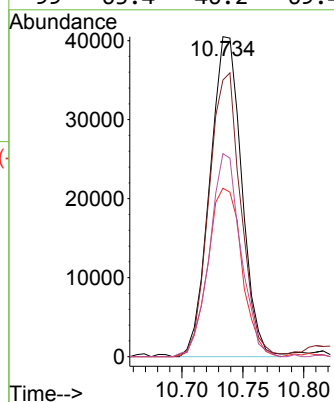
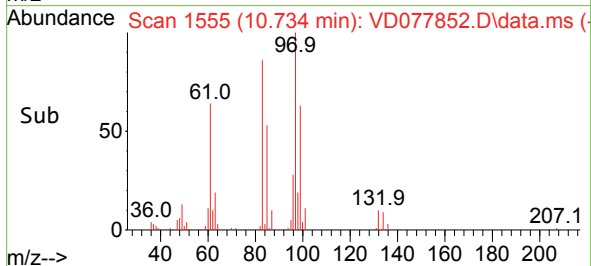


#55
 1,1,2-Trichloroethane
 Concen: 50.186 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Instrument :
 MSVOA_D
 ClientSampleId :

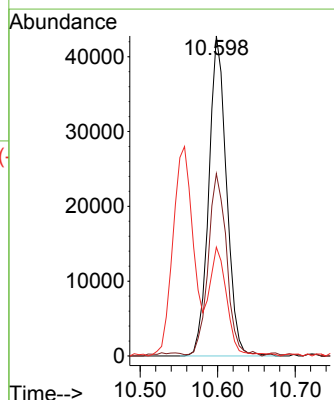
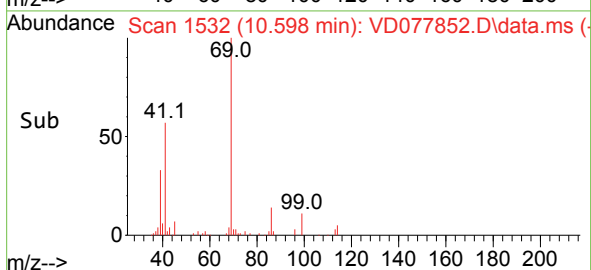
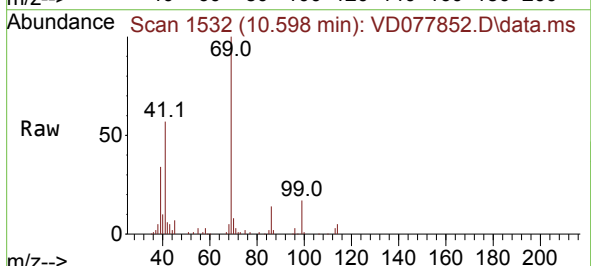


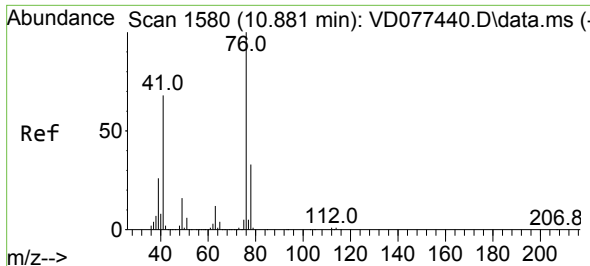
Tgt Ion:	97	Resp:	73538
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.8	98.6
85	52.7	45.7	68.5
99	63.4	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 52.746 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

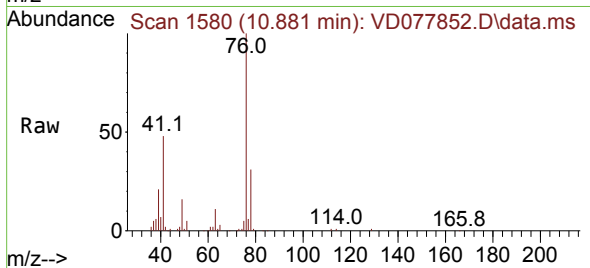
Tgt Ion:	69	Resp:	68132
Ion	Ratio	Lower	Upper
69	100		
41	59.5	39.1	58.7#
39	33.6	20.0	30.0#



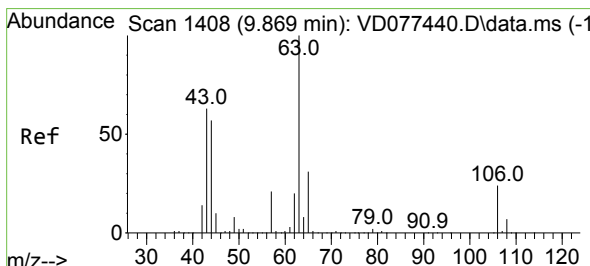
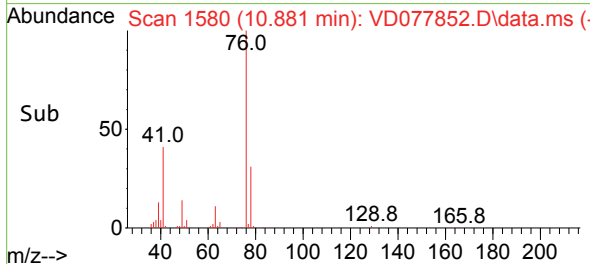
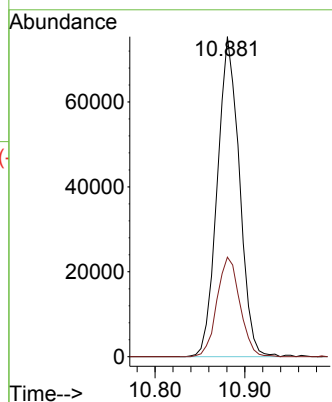


#57
1,3-Dichloropropane
Concen: 51.018 ug/l
RT: 10.881 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :

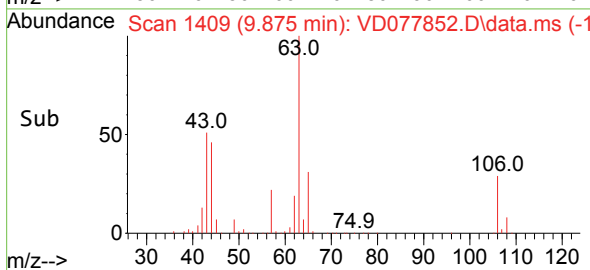
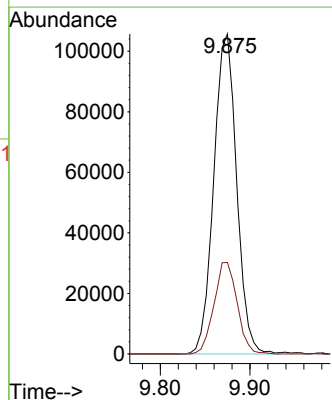
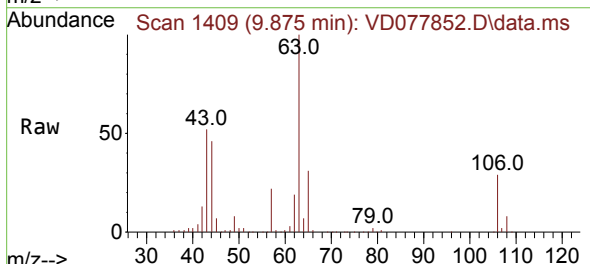


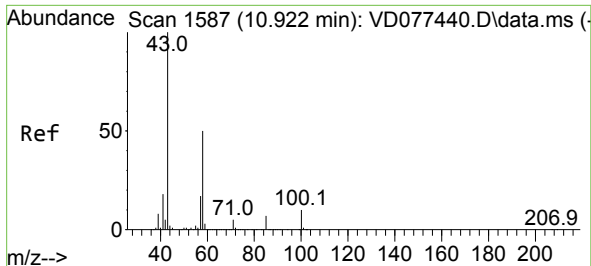
Tgt Ion: 76 Resp: 128859
Ion Ratio Lower Upper
76 100
78 32.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 254.021 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 63 Resp: 187118
Ion Ratio Lower Upper
63 100
106 29.0 25.3 37.9

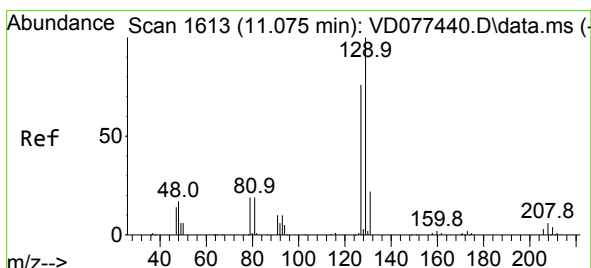
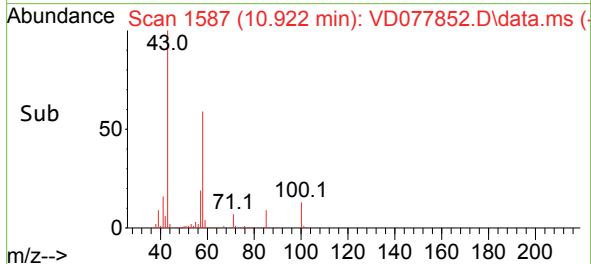
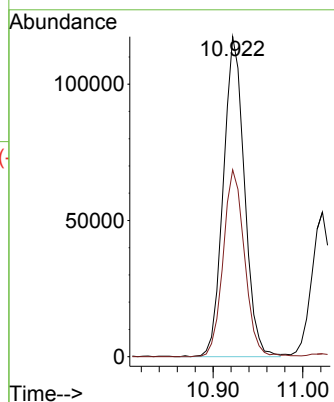
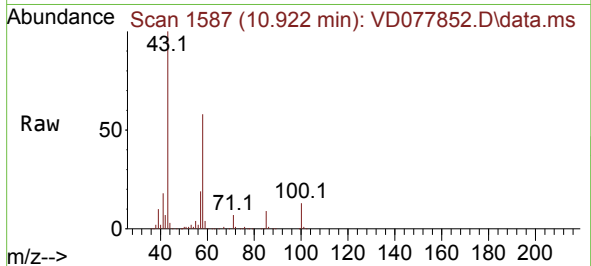




#59
2-Hexanone
Concen: 222.480 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

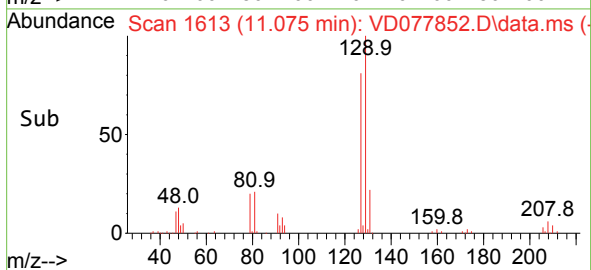
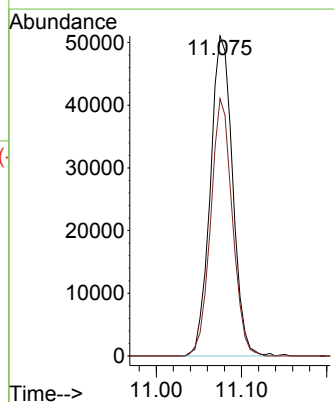
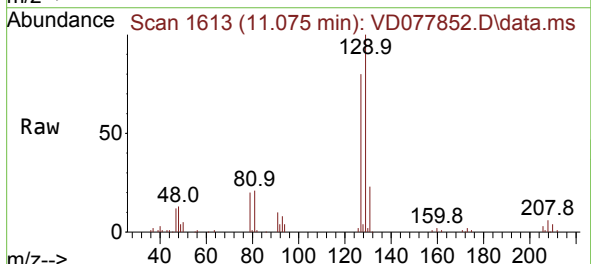
Instrument :
MSVOA_D
ClientSampleId :

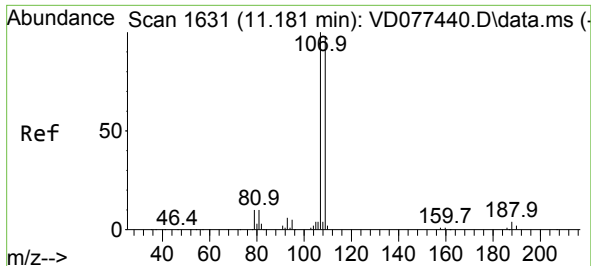
Tgt Ion: 43 Resp: 191600
Ion Ratio Lower Upper
43 100
58 59.3 34.1 102.2



#60
Dibromochloromethane
Concen: 52.572 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:129 Resp: 92746
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

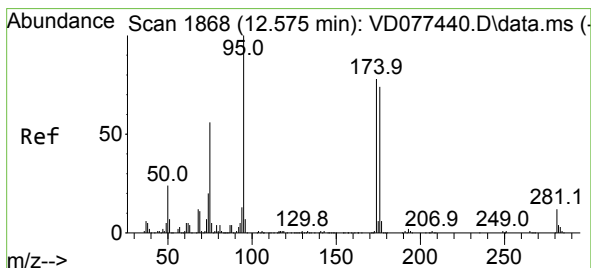
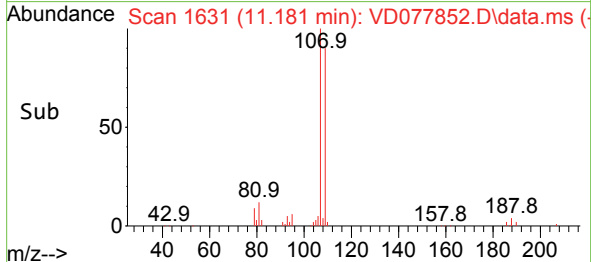
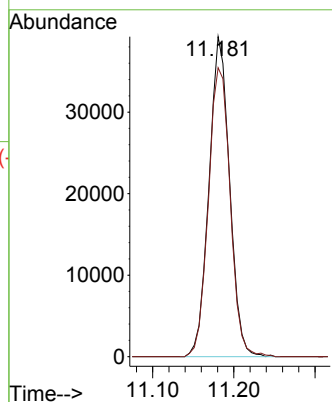
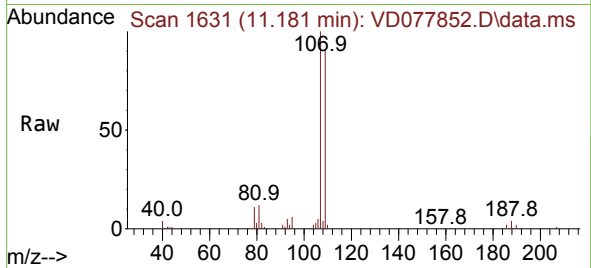




#61
1,2-Dibromoethane
Concen: 50.172 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

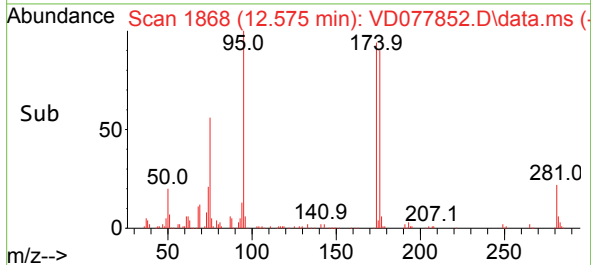
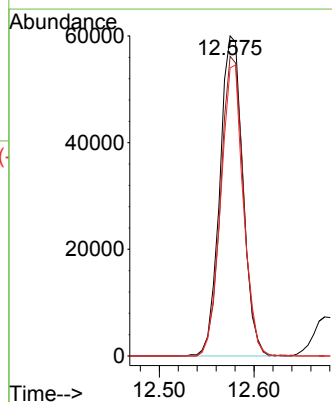
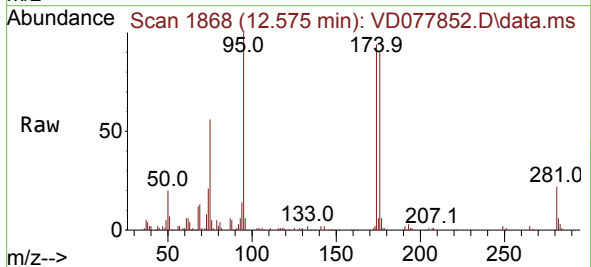
Instrument :
MSVOA_D
ClientSampleId :

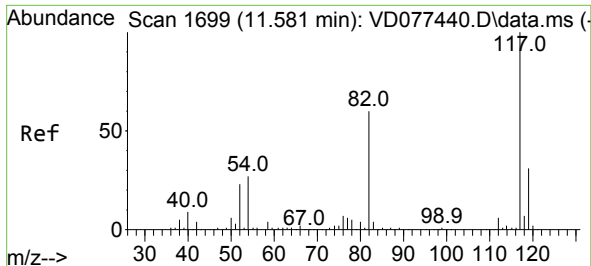
Tgt Ion:107 Resp: 69204
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.083 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 95 Resp: 101229
Ion Ratio Lower Upper
95 100
174 92.5 0.0 201.8
176 89.2 0.0 191.8

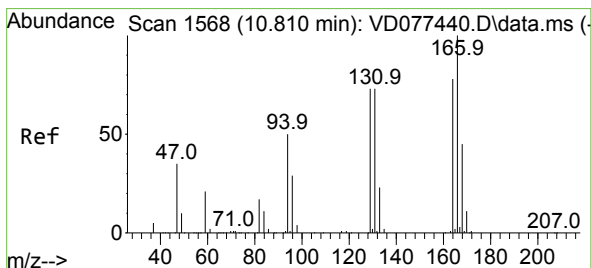
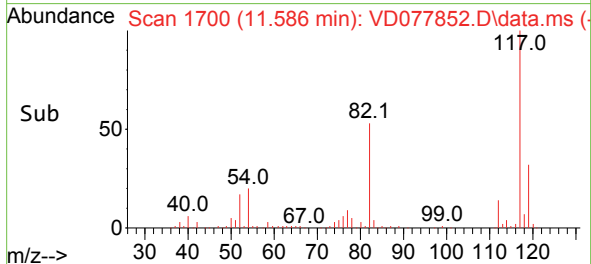
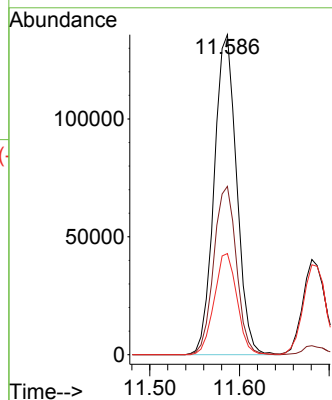
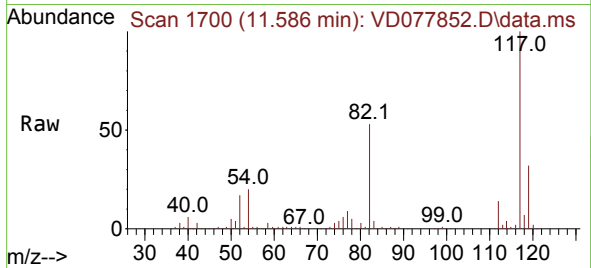




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.586 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

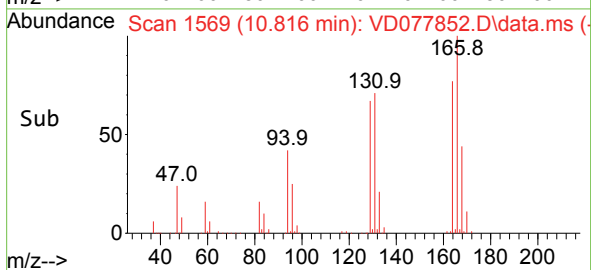
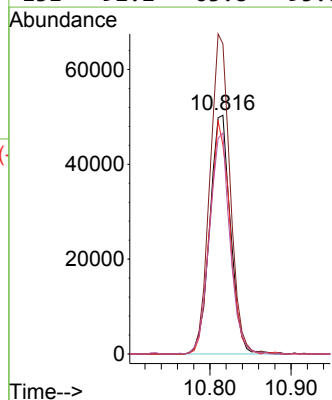
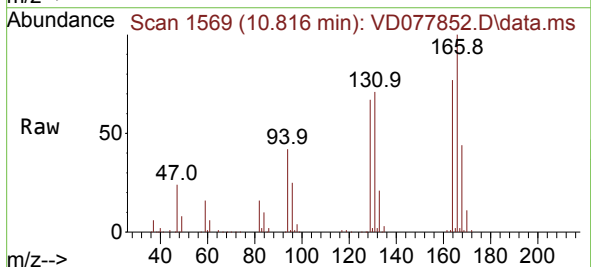
Instrument :
MSVOA_D
ClientSampleId :

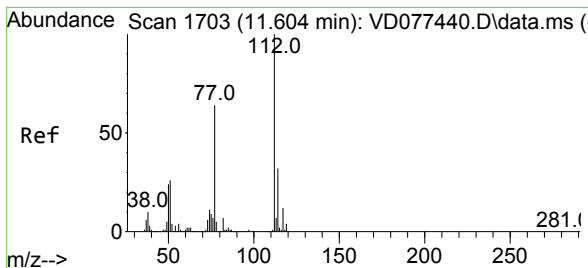
Tgt Ion:117 Resp: 236176
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 51.098 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:164 Resp: 88700
Ion Ratio Lower Upper
164 100
166 129.8 99.2 148.8
129 87.4 68.4 102.6
131 92.2 63.8 95.8





#65

Chlorobenzene

Concen: 49.447 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

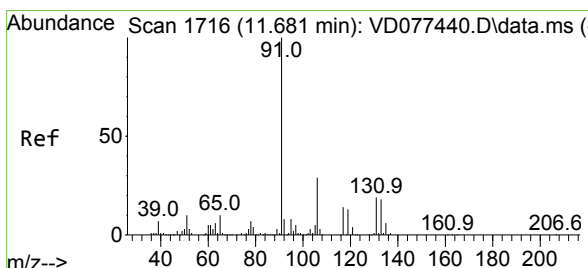
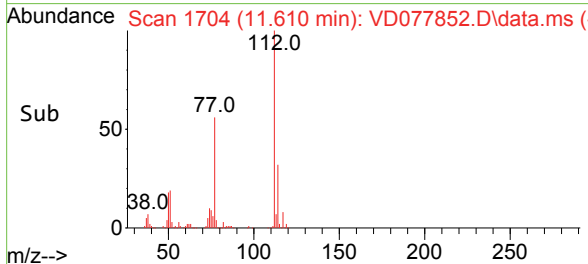
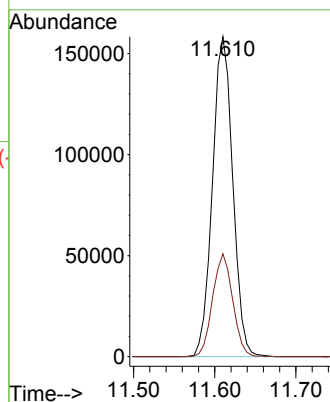
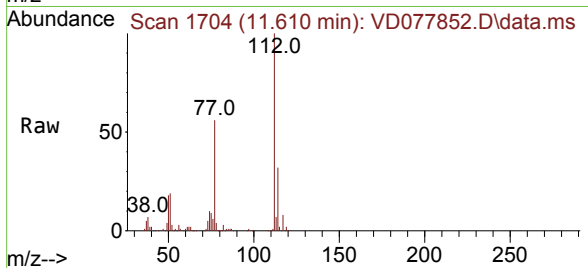
ClientSampleId :

Tgt Ion:112 Resp: 275405

Ion Ratio Lower Upper

112 100

114 32.1 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.232 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

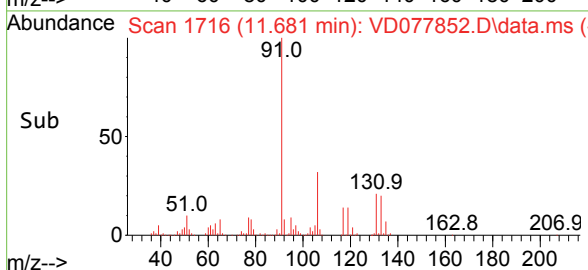
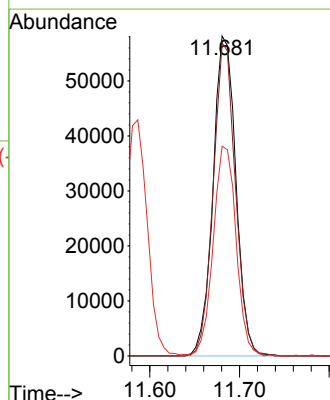
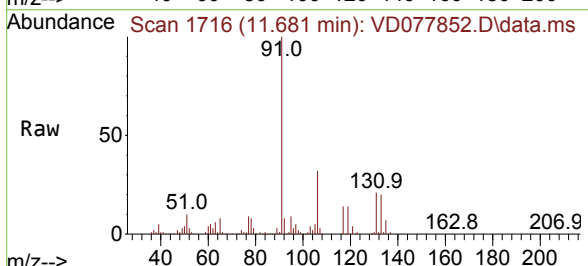
Tgt Ion:131 Resp: 102582

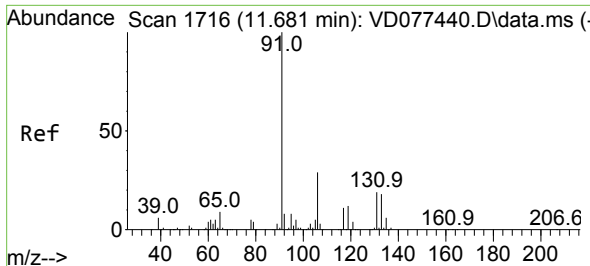
Ion Ratio Lower Upper

131 100

133 95.4 48.5 145.5

119 65.7 35.6 106.9





#67

Ethyl Benzene

Concen: 52.701 ug/l

RT: 11.686 min Scan# 1716

Delta R.T. 0.005 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

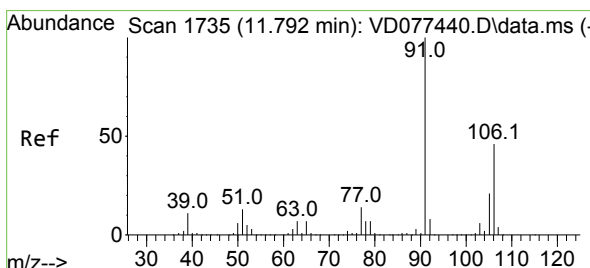
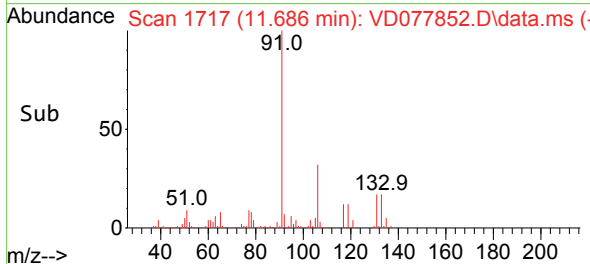
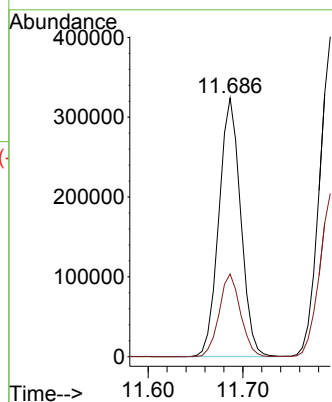
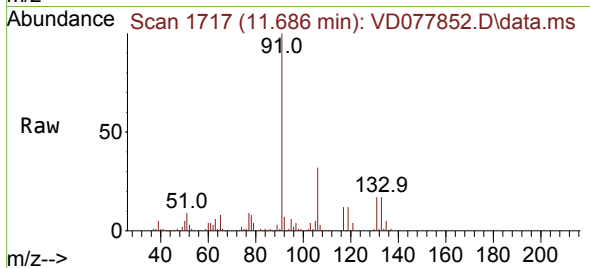
ClientSampleId :

Tgt Ion: 91 Resp: 518190

Ion Ratio Lower Upper

91 100

106 32.0 26.5 39.7



#68

m/p-Xylenes

Concen: 107.006 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077852.D

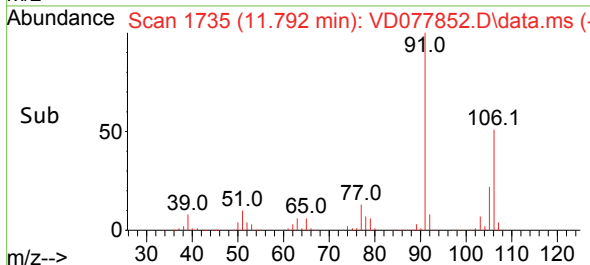
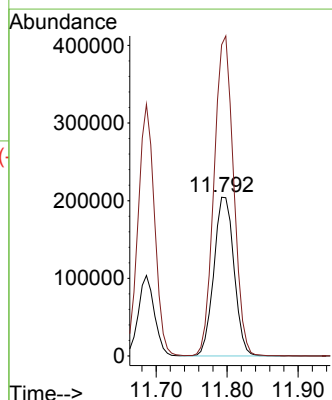
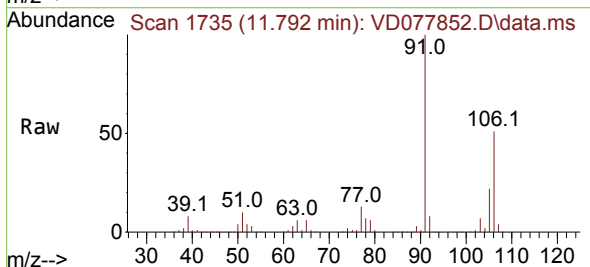
Acq: 13 Dec 2023 10:15

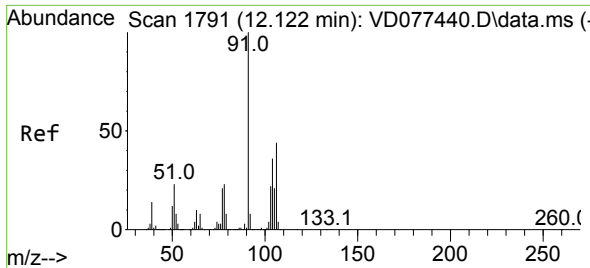
Tgt Ion:106 Resp: 402457

Ion Ratio Lower Upper

106 100

91 195.4 147.0 220.6

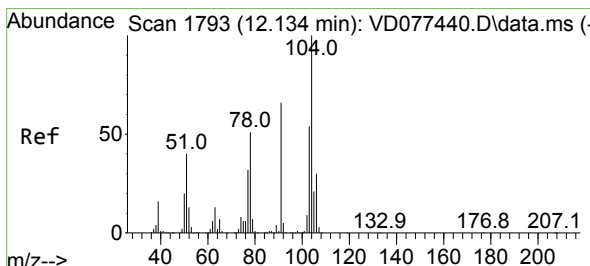
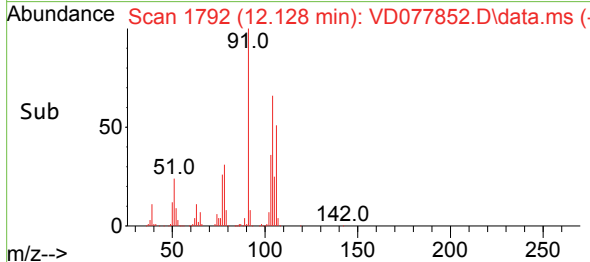
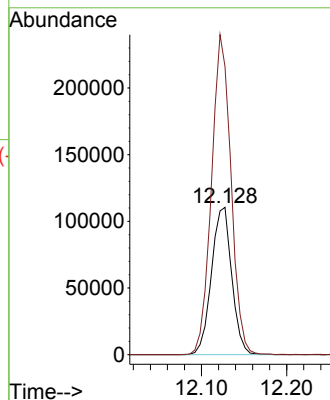
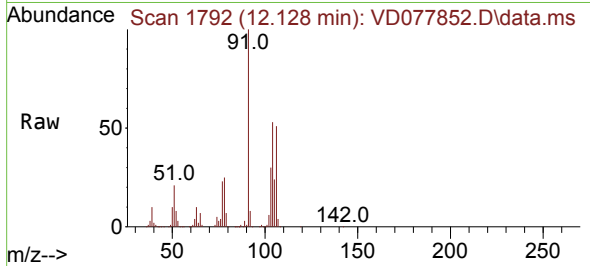




#69
o-Xylene
Concen: 52.665 ug/l
RT: 12.128 min Scan# 1791
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

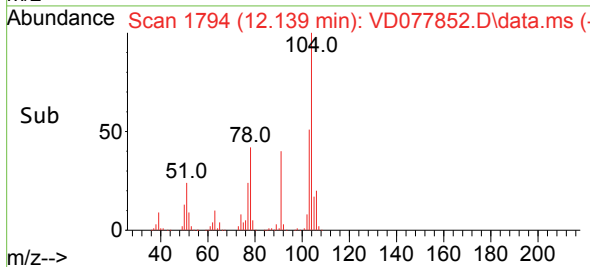
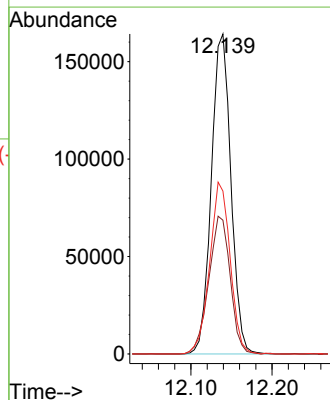
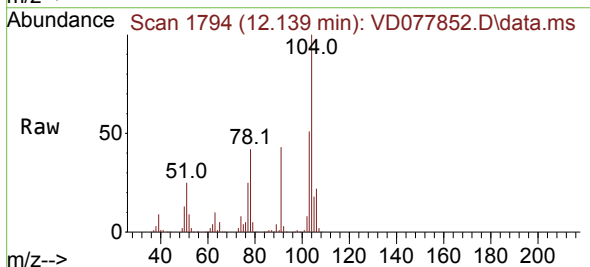
Instrument :
MSVOA_D
ClientSampleId :

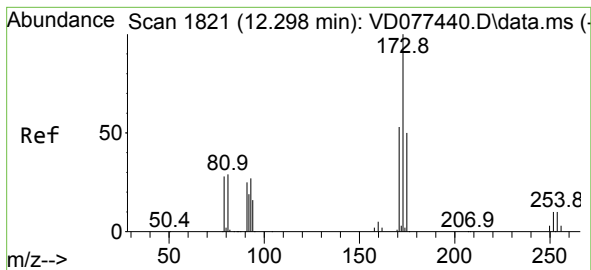
Tgt Ion:106 Resp: 182552
Ion Ratio Lower Upper
106 100
91 209.0 97.9 293.6



#70
Styrene
Concen: 53.373 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:104 Resp: 275095
Ion Ratio Lower Upper
104 100
78 47.1 33.2 49.8
103 56.1 43.6 65.4





#71

Bromoform

Concen: 53.139 ug/l

RT: 12.298 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077852.D

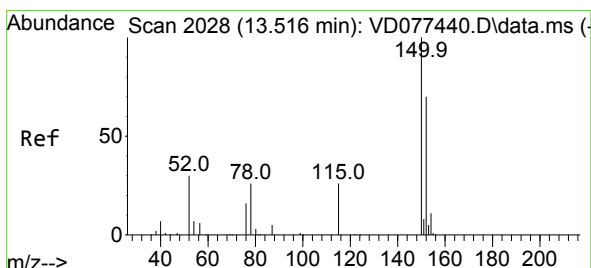
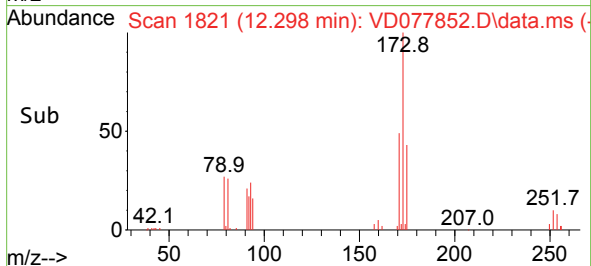
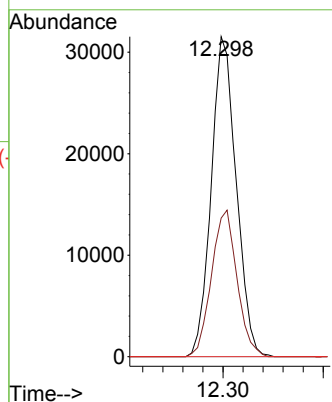
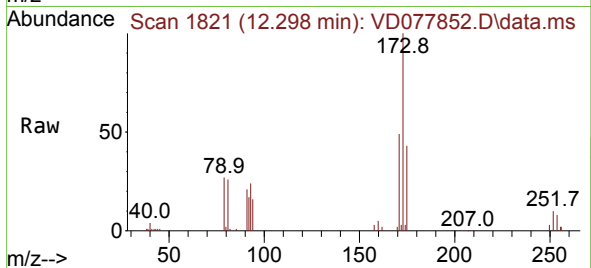
Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	54530
Ion Ratio	Lower	Upper
173	100	
175	46.9	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

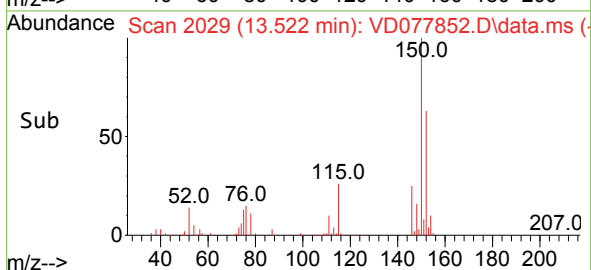
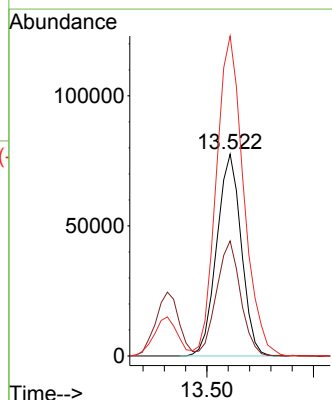
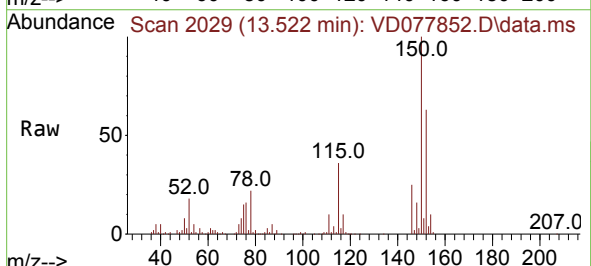
RT: 13.522 min Scan# 2029

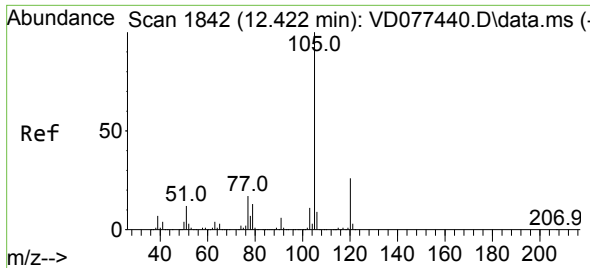
Delta R.T. 0.006 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Tgt Ion:152	Resp:	124036
Ion Ratio	Lower	Upper
152	100	
115	56.2	27.1 81.3
150	176.4	0.0 353.6

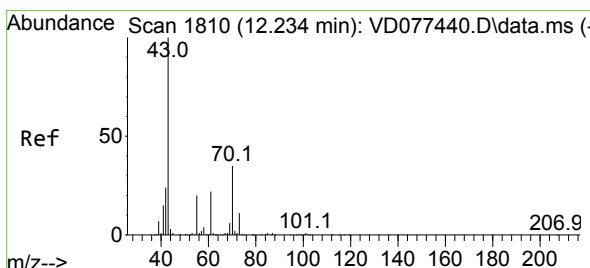
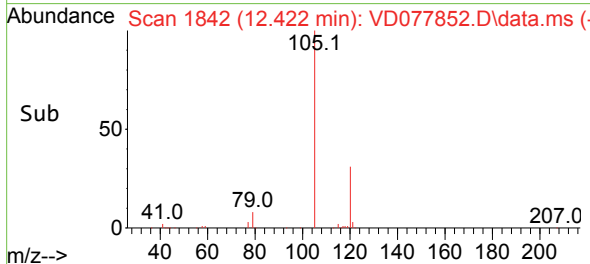
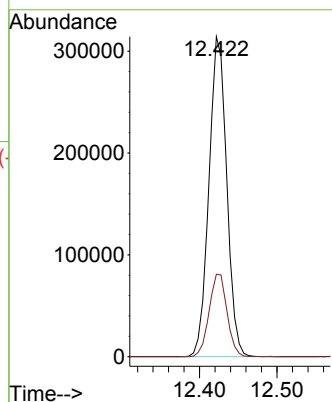
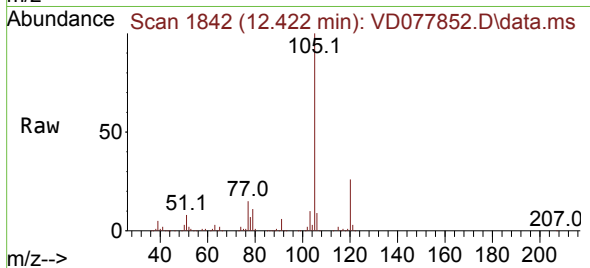




#73
Isopropylbenzene
Concen: 53.269 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

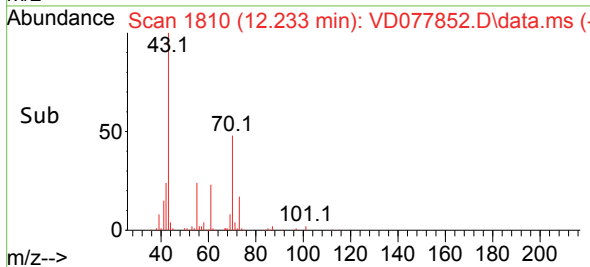
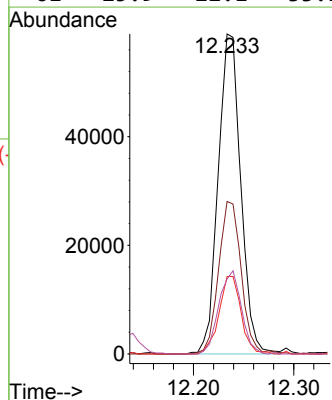
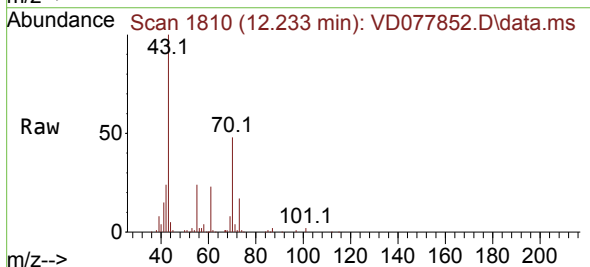
Instrument :
MSVOA_D
ClientSampleId :

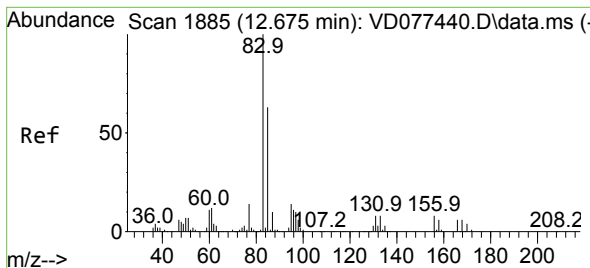
Tgt Ion:105 Resp: 500774
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 49.960 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 43 Resp: 92322
Ion Ratio Lower Upper
43 100
70 47.8 45.0 67.4
55 23.7 23.8 35.6#
61 25.9 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.343 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :

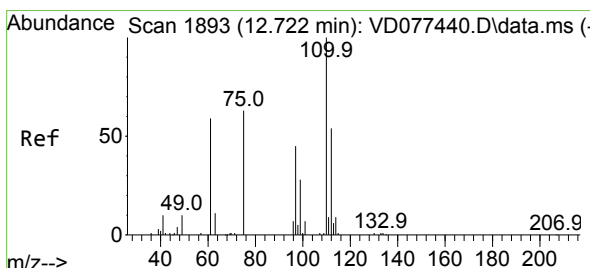
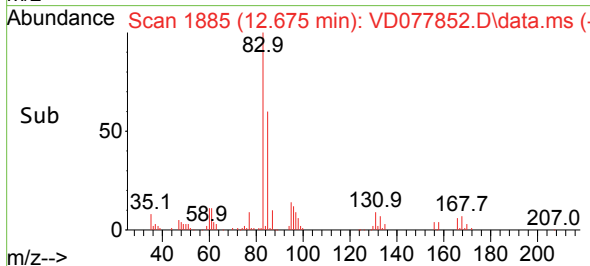
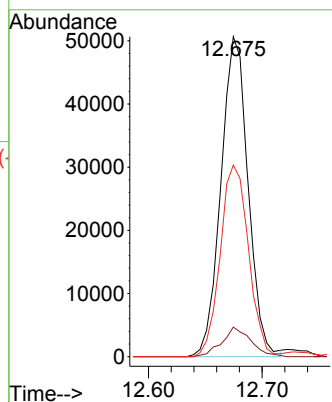
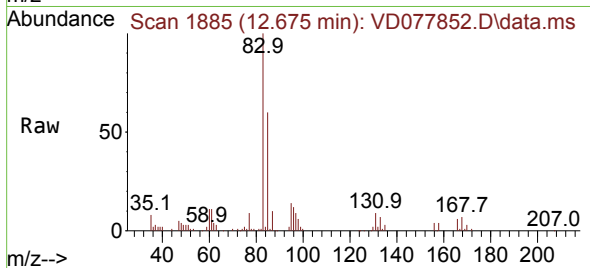
Tgt Ion: 83 Resp: 84159

Ion Ratio Lower Upper

83 100

131 9.8 5.1 15.3

85 62.4 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 97.649 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077852.D

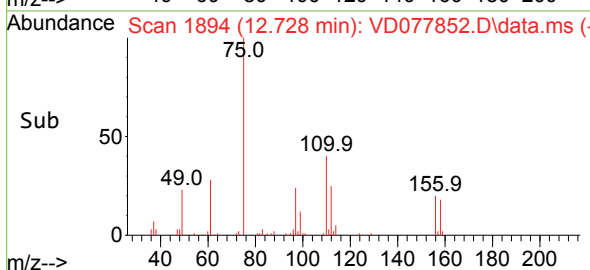
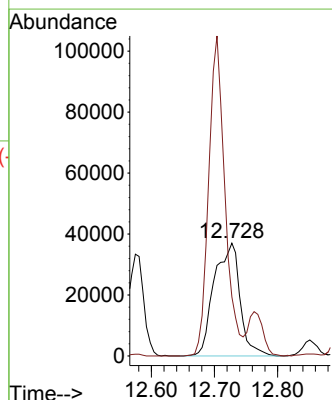
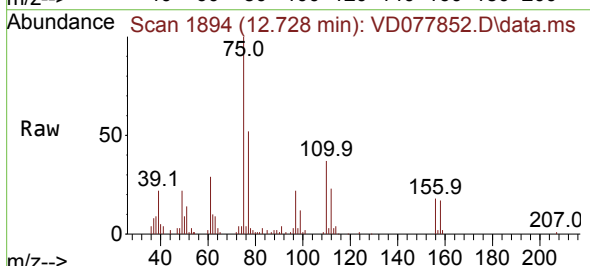
Acq: 13 Dec 2023 10:15

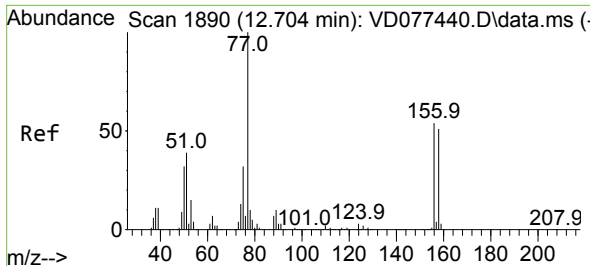
Tgt Ion: 75 Resp: 105193

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

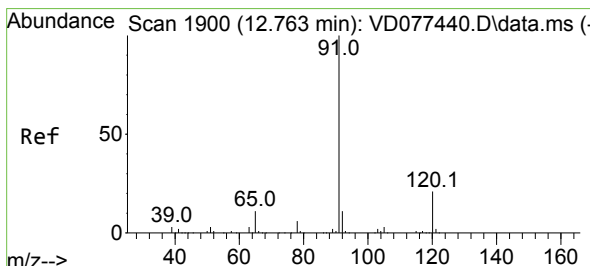
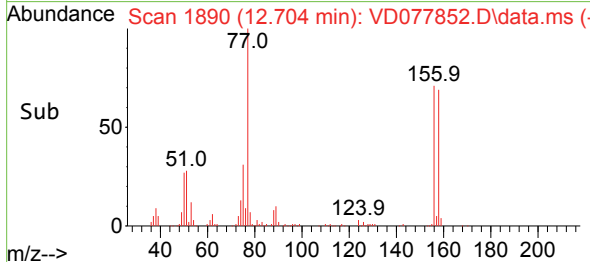
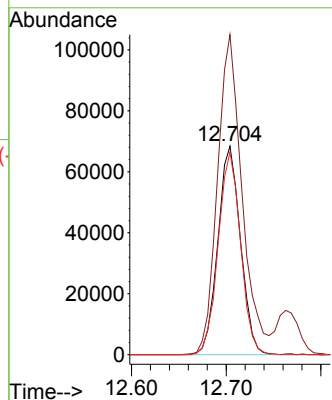
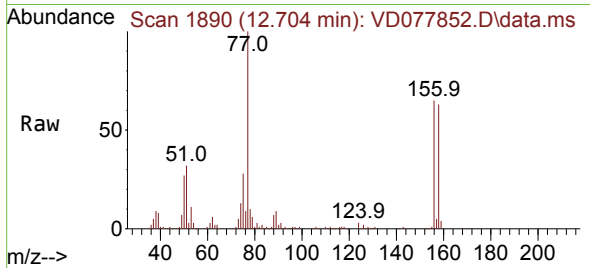




#77
Bromobenzene
Concen: 51.439 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

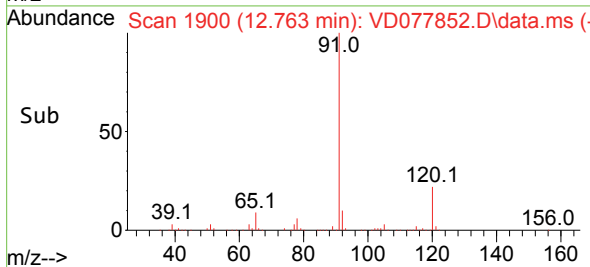
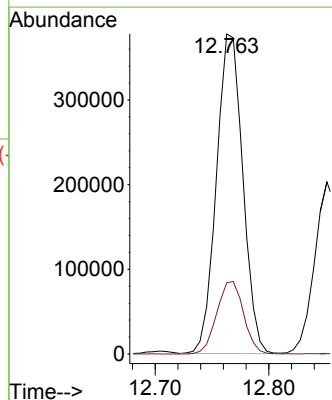
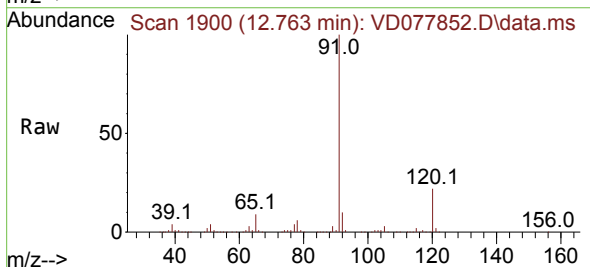
Instrument :
MSVOA_D
ClientSampleId :

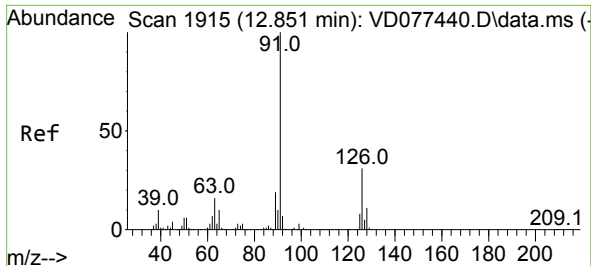
Tgt Ion:156 Resp: 113741
Ion Ratio Lower Upper
156 100
77 166.7 76.8 230.4
158 95.6 48.6 145.9



#78
n-propylbenzene
Concen: 53.213 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 91 Resp: 609567
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

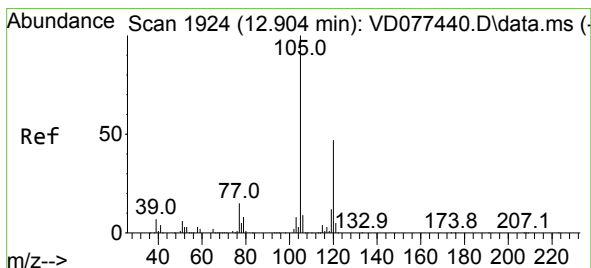
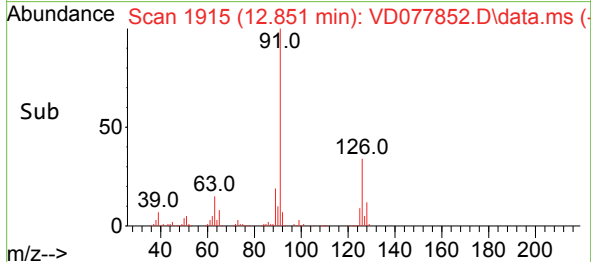
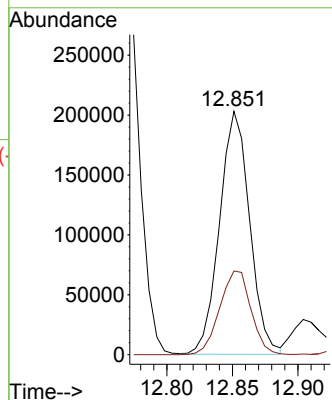
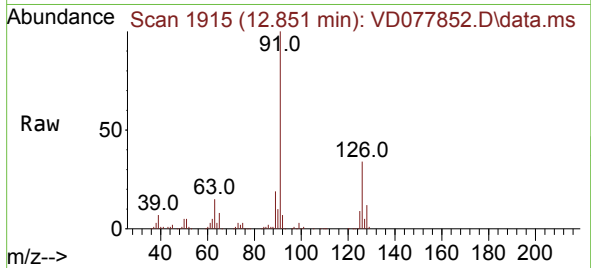




#79
2-Chlorotoluene
Concen: 52.914 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

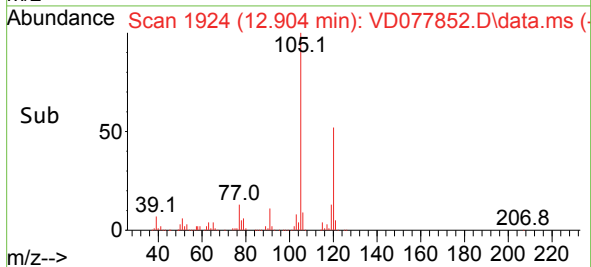
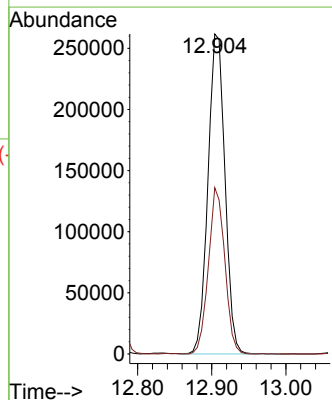
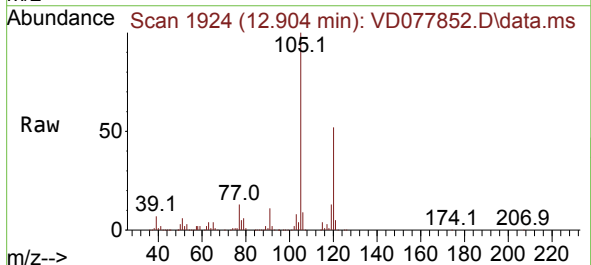
Instrument :
MSVOA_D
ClientSampleId :

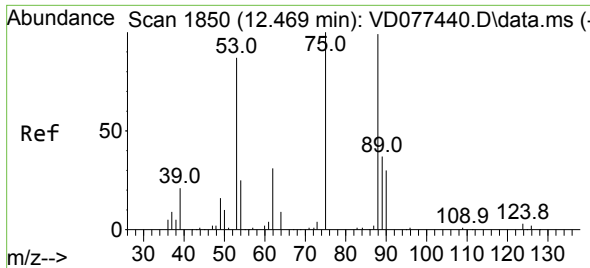
Tgt Ion: 91 Resp: 324837
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.109 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:105 Resp: 416406
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

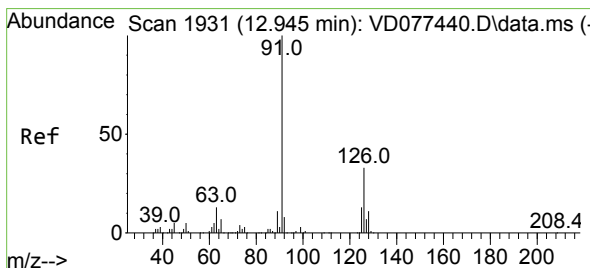
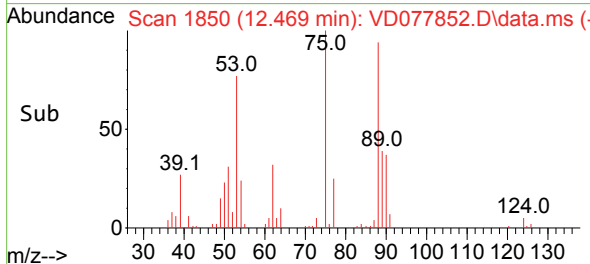
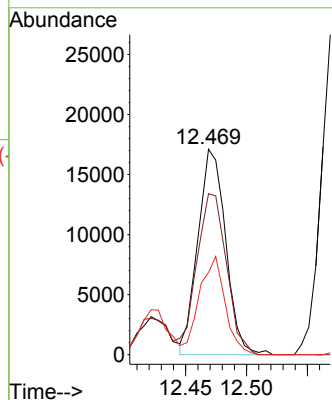
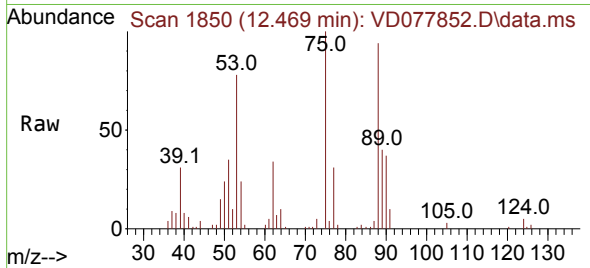




#81
trans-1,4-Dichloro-2-butene
Concen: 51.102 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

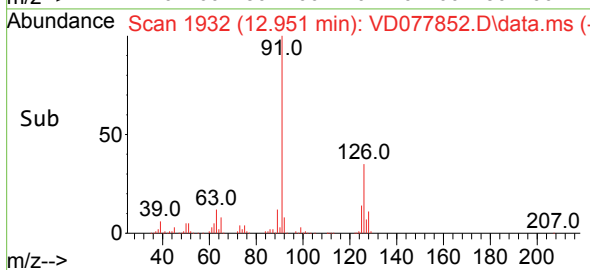
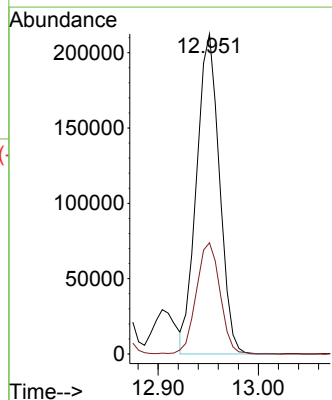
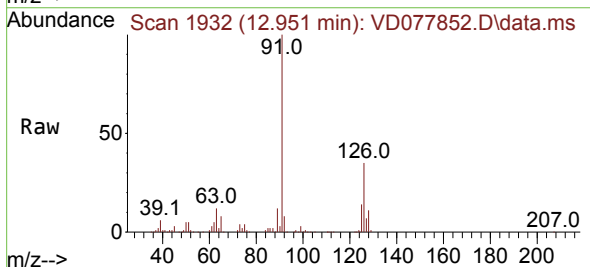
Instrument :
MSVOA_D
ClientSampleId :

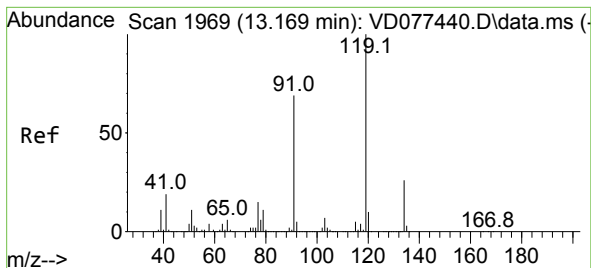
Tgt Ion:	75	Resp:	27171
Ion Ratio	Lower	Upper	
75	100		
53	84.8	63.0	94.4
89	44.5	37.9	56.9



#82
4-Chlorotoluene
Concen: 52.441 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:	91	Resp:	336556
Ion Ratio	Lower	Upper	
91	100		
126	36.1	19.4	58.4

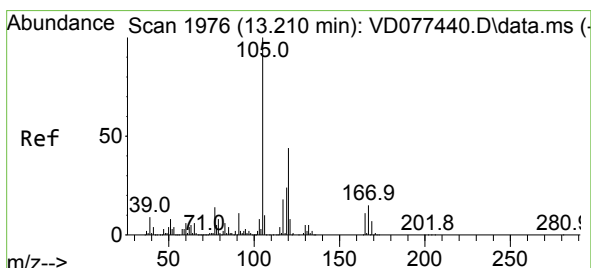
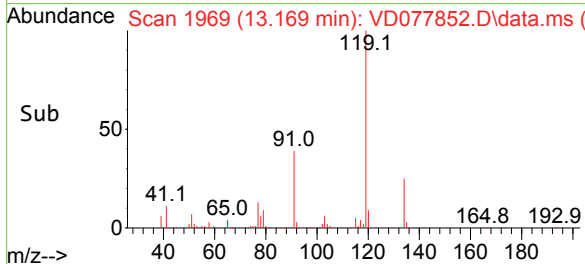
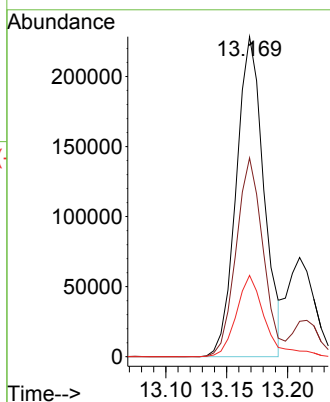
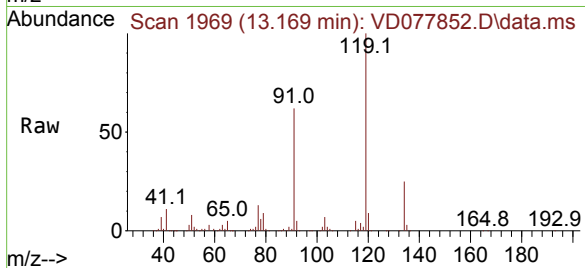




#83
tert-Butylbenzene
Concen: 54.344 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

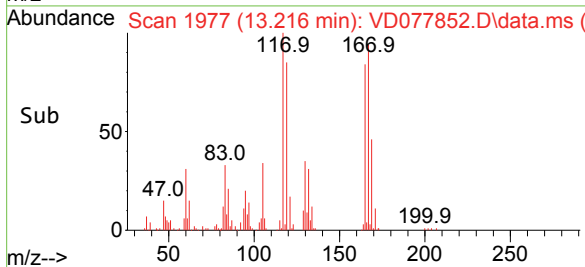
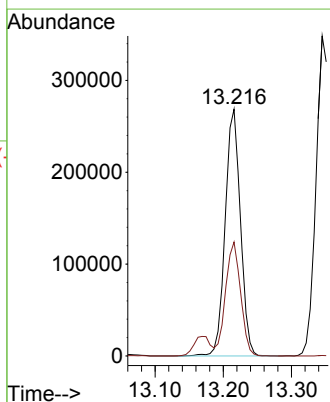
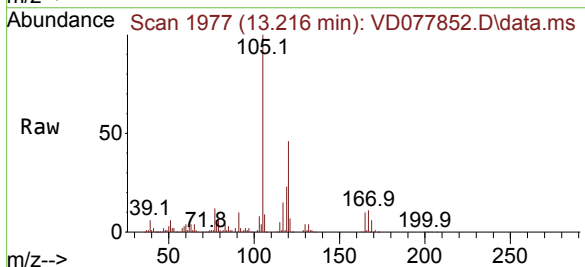
Instrument :
MSVOA_D
ClientSampleId :

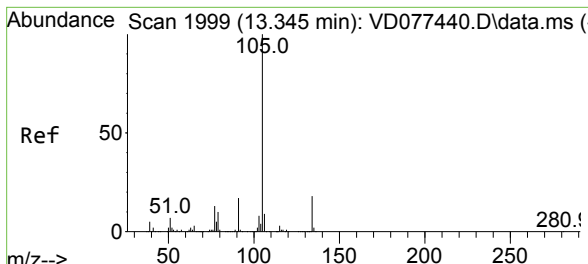
Tgt Ion:119 Resp: 359723
Ion Ratio Lower Upper
119 100
91 61.2 29.3 87.8
134 26.5 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 53.423 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:105 Resp: 418948
Ion Ratio Lower Upper
105 100
120 45.5 24.3 72.9

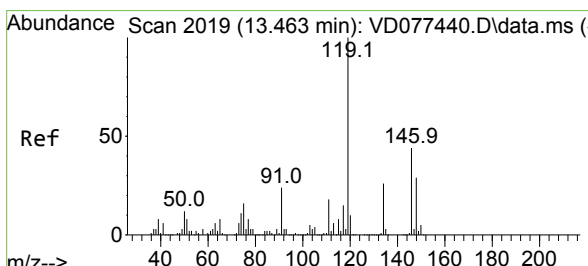
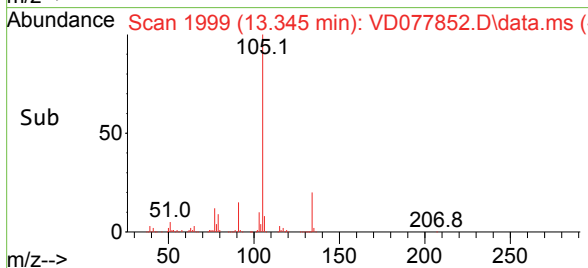
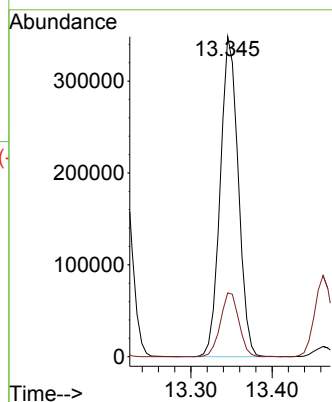
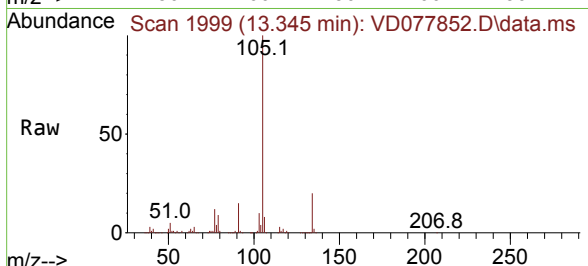




#85
 sec-Butylbenzene
 Concen: 54.892 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

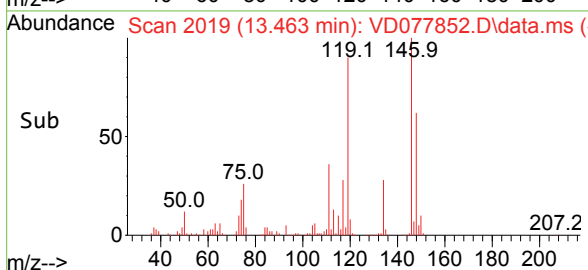
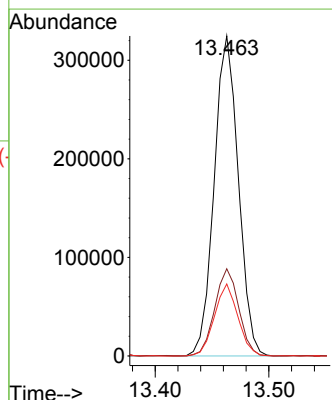
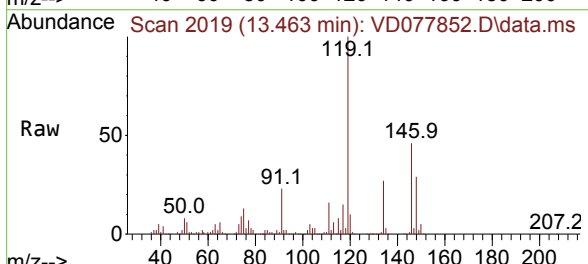
Instrument :
 MSVOA_D
 ClientSampleId :

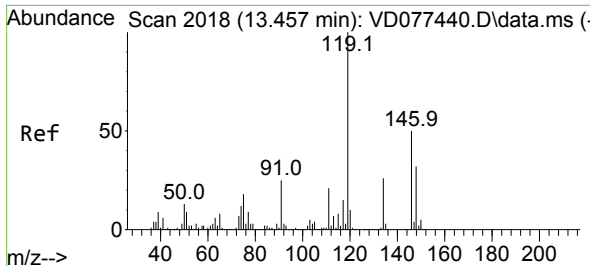
Tgt Ion:105 Resp: 537089
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.804 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Tgt Ion:119 Resp: 480095
 Ion Ratio Lower Upper
 119 100
 134 27.0 14.2 42.6
 91 21.9 10.5 31.5

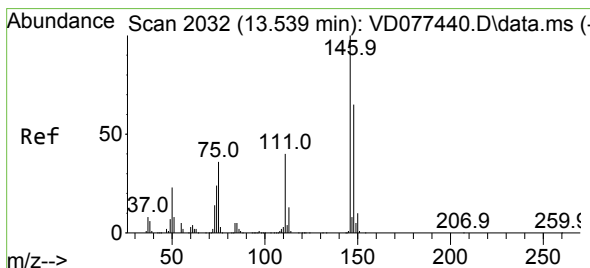
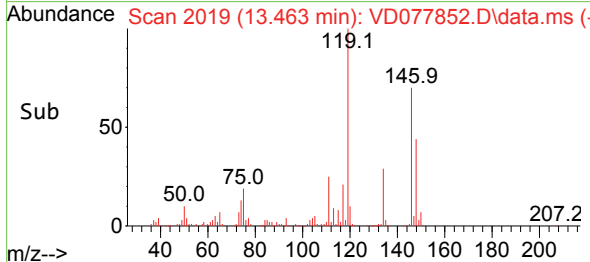
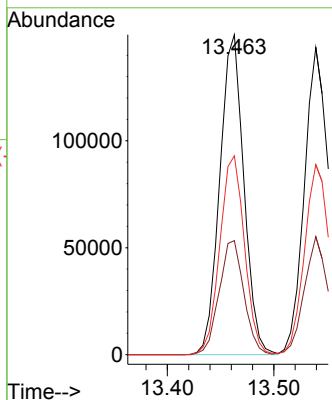
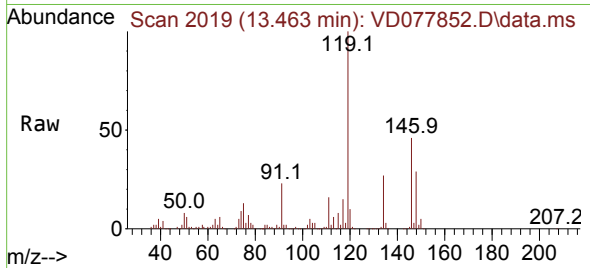




#87
1,3-Dichlorobenzene
Concen: 51.942 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

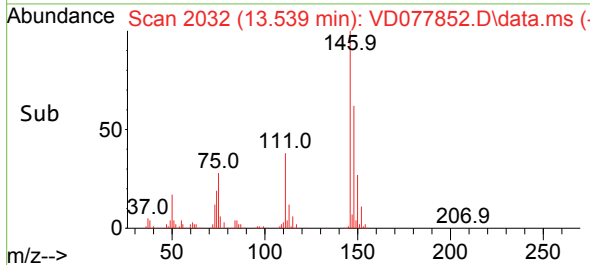
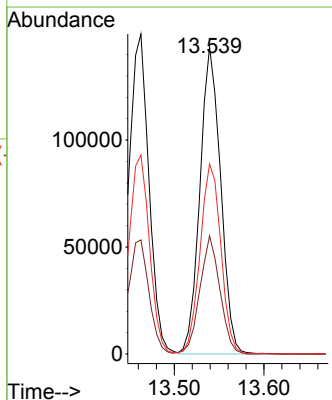
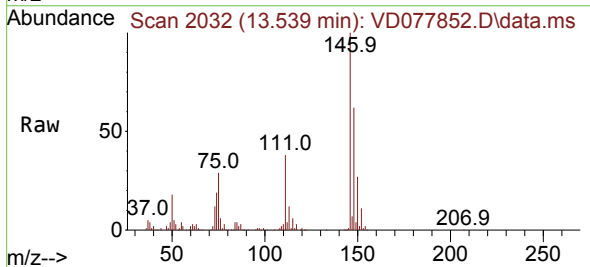
Instrument :
MSVOA_D
ClientSampleId :

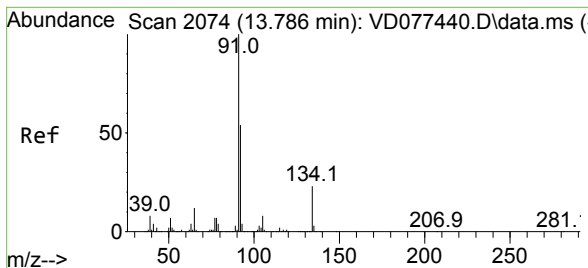
Tgt Ion:146 Resp: 234877
Ion Ratio Lower Upper
146 100
111 36.7 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 50.944 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:146 Resp: 229797
Ion Ratio Lower Upper
146 100
111 37.3 17.4 52.3
148 62.2 31.7 95.1





#89

n-Butylbenzene

Concen: 56.307 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. 0.000 min

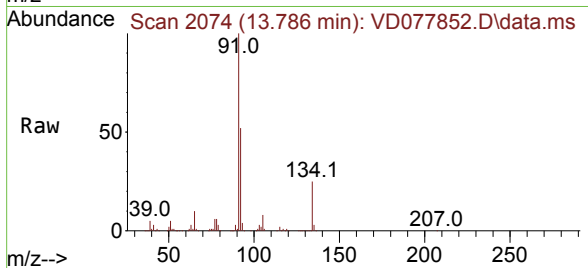
Lab File: VD077852.D

Acq: 13 Dec 2023 10:15

Instrument :

MSVOA_D

ClientSampleId :



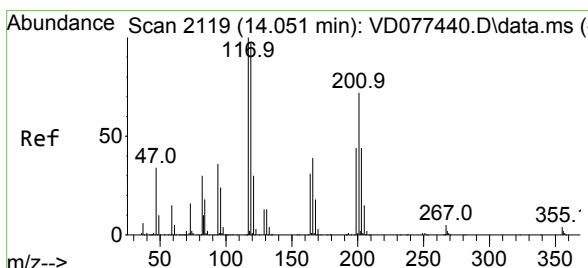
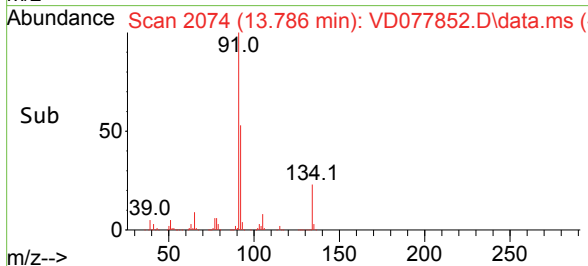
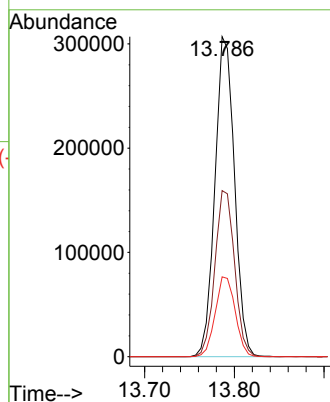
Tgt Ion: 91 Resp: 464139

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 25.6 13.8 41.3



#90

Hexachloroethane

Concen: 55.660 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077852.D

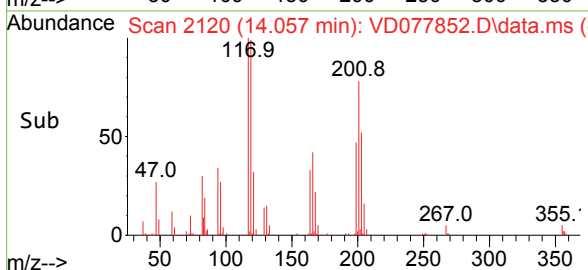
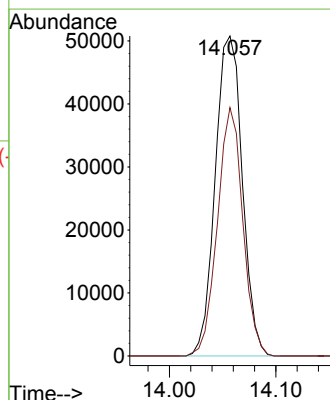
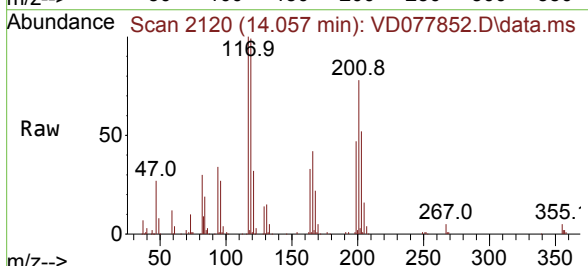
Acq: 13 Dec 2023 10:15

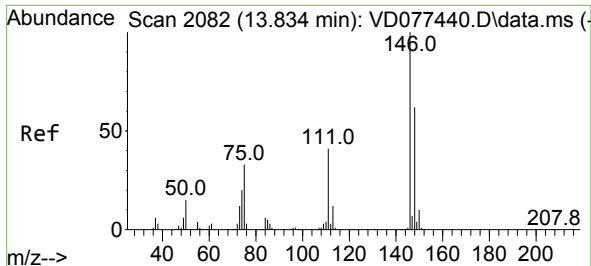
Tgt Ion: 117 Resp: 89671

Ion Ratio Lower Upper

117 100

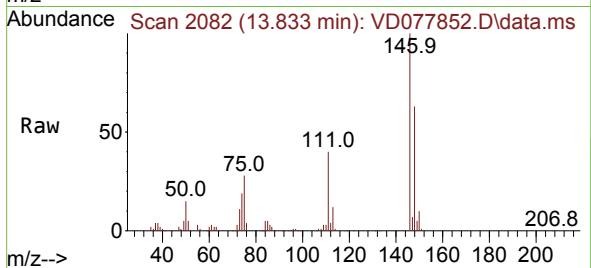
201 72.8 38.5 115.5



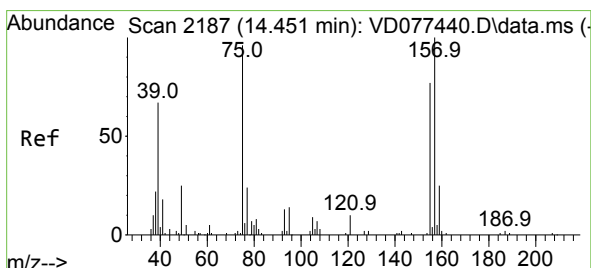
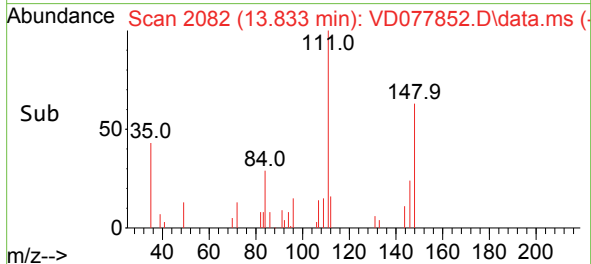
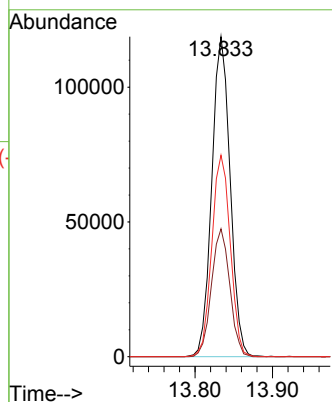


#91
1,2-Dichlorobenzene
Concen: 50.722 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.001 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :

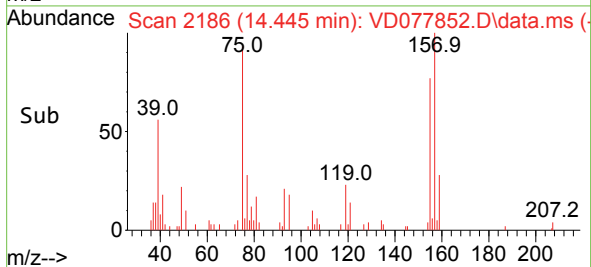
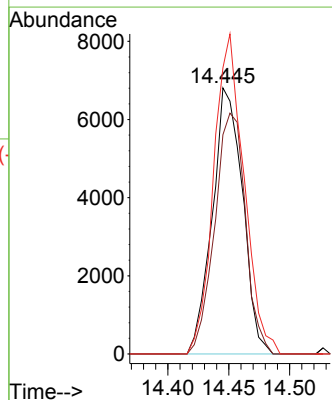
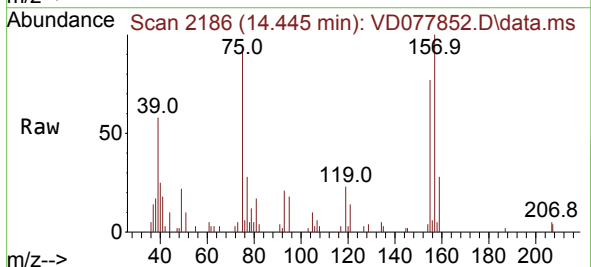


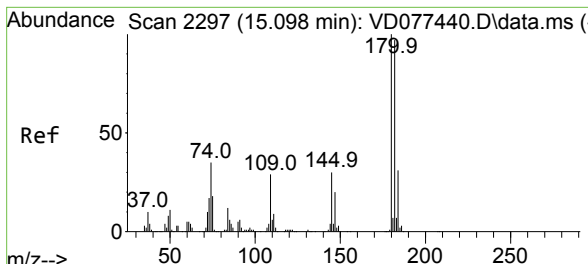
Tgt Ion:146 Resp: 195066
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 63.4 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.544 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion: 75 Resp: 11766
Ion Ratio Lower Upper
75 100
155 92.1 47.9 143.8
157 120.4 59.9 179.7

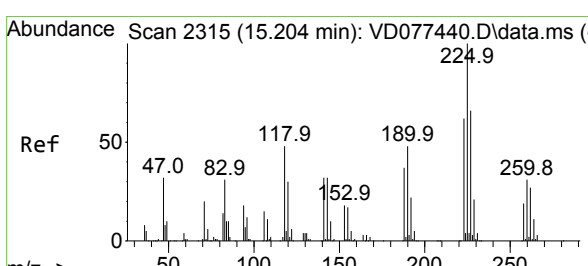
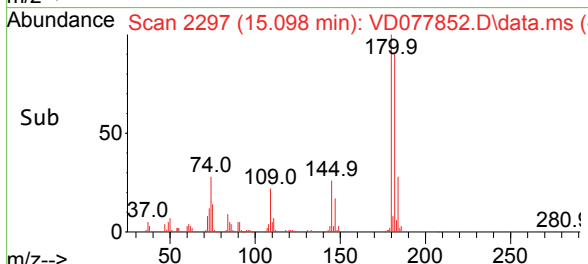
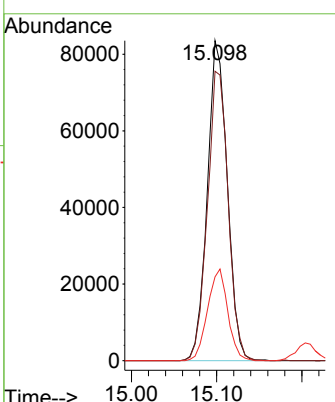
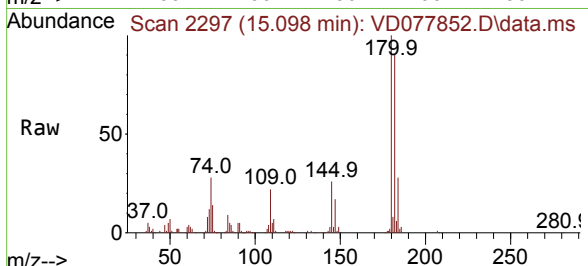




#93
 1,2,4-Trichlorobenzene
 Concen: 51.757 ug/l
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

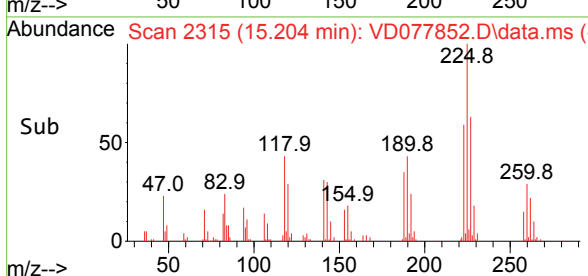
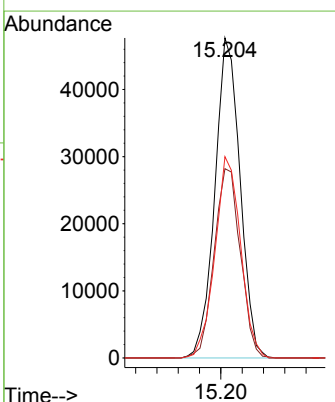
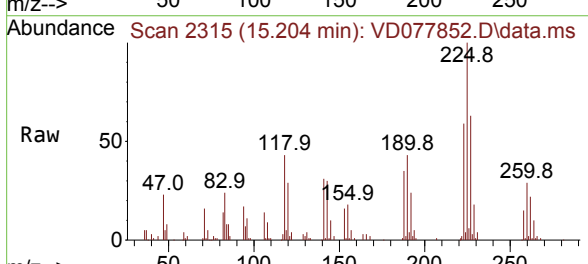
Instrument :
 MSVOA_D
 ClientSampleId :

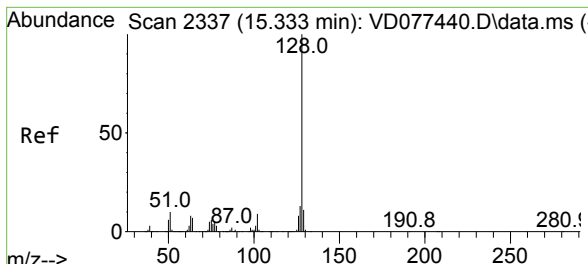
Tgt Ion:	180	Resp:	135958
Ion Ratio	Lower	Upper	
180	100		
182	94.1	48.5	145.6
145	29.0	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 55.188 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. -0.000 min
 Lab File: VD077852.D
 Acq: 13 Dec 2023 10:15

Tgt Ion:	225	Resp:	78175
Ion Ratio	Lower	Upper	
225	100		
223	61.7	31.6	94.8
227	64.1	31.7	95.1

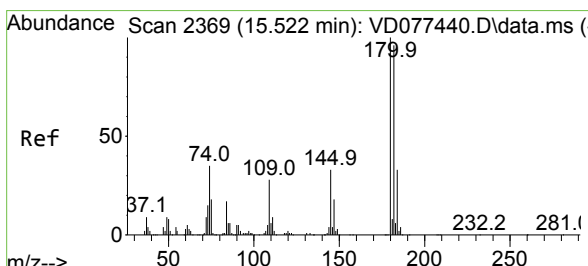
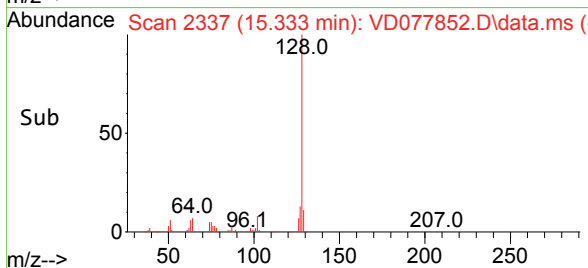
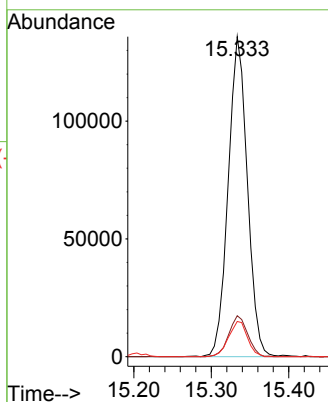
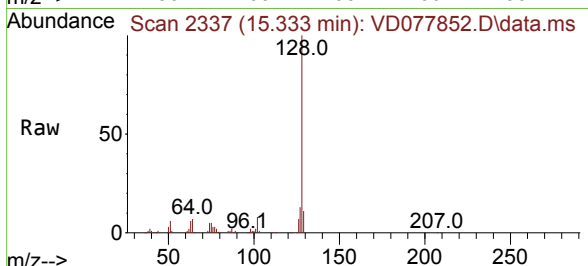




#95
Naphthalene
Concen: 53.593 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	233910
Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	11.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 52.740 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077852.D
Acq: 13 Dec 2023 10:15

Tgt Ion:	180	Resp:	114214
Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.3	141.9
145	31.2	15.1	45.3

