

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077986.D
 Acq On : 20 Dec 2023 10:40
 Operator : RP/MD
 Sample : VD1220SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:20:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	124755	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	208231	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	190399	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101331	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	62350	42.413	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.820%
35) Dibromofluoromethane	7.810	113	66382	45.511	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.020%
50) Toluene-d8	10.275	98	257621	44.099	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.200%
62) 4-Bromofluorobenzene	12.575	95	76400	43.743	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.480%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	27577	17.696	ug/l	91
3) Chloromethane	2.152	50	40926	19.267	ug/l	98
4) Vinyl Chloride	2.287	62	58080	20.141	ug/l	96
5) Bromomethane	2.693	94	40578	25.077	ug/l	99
6) Chloroethane	2.840	64	42369	21.551	ug/l	94
7) Trichlorofluoromethane	3.181	101	52213	19.659	ug/l	100
8) Diethyl Ether	3.599	74	13631	18.278	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.975	101	30253	19.911	ug/l	96
10) Methyl Iodide	4.175	142	26867	24.197	ug/l	91
11) Tert butyl alcohol	5.046	59	7611	100.784	ug/l	98
12) 1,1-Dichloroethene	3.946	96	27780	18.525	ug/l	91
13) Acrolein	3.799	56	10717	68.917	ug/l	99
14) Allyl chloride	4.558	41	36226	17.564	ug/l	89
15) Acrylonitrile	5.257	53	30455	95.378	ug/l	97
16) Acetone	4.022	43	41345	112.822	ug/l	# 86
17) Carbon Disulfide	4.281	76	77366	15.249	ug/l	96
18) Methyl Acetate	4.569	43	20928	18.076	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	59112	18.579	ug/l	98
20) Methylene Chloride	4.805	84	36397	17.785	ug/l	92
21) trans-1,2-Dichloroethene	5.316	96	31916	18.790	ug/l	83
22) Diisopropyl ether	6.222	45	79099	18.352	ug/l	93
23) Vinyl Acetate	6.157	43	155748	73.999	ug/l	94
24) 1,1-Dichloroethane	6.116	63	56227	19.264	ug/l	98
25) 2-Butanone	7.087	43	46874	107.433	ug/l	# 85
26) 2,2-Dichloropropane	7.081	77	48398	19.750	ug/l	95
27) cis-1,2-Dichloroethene	7.087	96	35380	19.358	ug/l	88
28) Bromochloromethane	7.434	49	21686	18.387	ug/l	84
29) Tetrahydrofuran	7.451	42	20778	88.760	ug/l	92
30) Chloroform	7.599	83	59059	20.218	ug/l	88
31) Cyclohexane	7.881	56	44297	16.941	ug/l	89
32) 1,1,1-Trichloroethane	7.799	97	49835	19.352	ug/l	96
36) 1,1-Dichloropropene	8.010	75	42932	18.401	ug/l	97
37) Ethyl Acetate	7.169	43	15645	17.198	ug/l	95
38) Carbon Tetrachloride	7.998	117	45853	19.714	ug/l	97
39) Methylcyclohexane	9.281	83	51266	18.535	ug/l	97
40) Benzene	8.257	78	130017	19.635	ug/l	99

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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	7.399	41	8116	17.553	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	34401	20.042	ug/l	98
43) Isopropyl Acetate	8.363	43	28513	17.632	ug/l	93
44) Trichloroethene	9.034	130	33829	19.604	ug/l	93
45) 1,2-Dichloropropane	9.310	63	33105	20.565	ug/l	96
46) Dibromomethane	9.398	93	17332	20.349	ug/l	91
47) Bromodichloromethane	9.587	83	46249	21.423	ug/l	99
48) Methyl methacrylate	9.387	41	16548	18.001	ug/l #	79
49) 1,4-Dioxane	9.393	88	2800	331.069	ug/l #	42
51) 4-Methyl-2-Pentanone	10.163	43	76840	93.102	ug/l	92
52) Toluene	10.334	92	81093	19.742	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	40360	19.468	ug/l	97
54) cis-1,3-Dichloropropene	10.022	75	49003	19.550	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	24088	20.676	ug/l #	93
56) Ethyl methacrylate	10.604	69	19666	19.149	ug/l #	87
57) 1,3-Dichloropropane	10.881	76	39396	19.617	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	42670	72.855	ug/l	97
59) 2-Hexanone	10.922	43	64831	94.681	ug/l	92
60) Dibromochloromethane	11.075	129	29399	20.959	ug/l	97
61) 1,2-Dibromoethane	11.181	107	21754	19.836	ug/l	100
64) Tetrachloroethene	10.810	164	26476	18.919	ug/l	96
65) Chlorobenzene	11.610	112	86829	18.163	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	32336	20.423	ug/l	97
67) Ethyl Benzene	11.687	91	152954	19.296	ug/l	98
68) m/p-Xylenes	11.798	106	118318	39.022	ug/l	92
69) o-Xylene	12.122	106	54817	19.617	ug/l	93
70) Styrene	12.139	104	81760	19.677	ug/l	93
71) Bromoform	12.298	173	16770	20.271	ug/l #	99
73) Isopropylbenzene	12.422	105	146412	19.064	ug/l	95
74) N-amyl acetate	12.234	43	26723	17.701	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	27888	20.826	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	33384	37.934	ug/l #	100
77) Bromobenzene	12.704	156	33435	18.509	ug/l	88
78) n-propylbenzene	12.763	91	183296	19.586	ug/l	97
79) 2-Chlorotoluene	12.851	91	99614	19.862	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	123187	19.232	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	8780	20.213	ug/l	90
82) 4-Chlorotoluene	12.951	91	105126	20.051	ug/l	94
83) tert-Butylbenzene	13.169	119	104642	19.351	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	124433	19.423	ug/l	97
85) sec-Butylbenzene	13.345	105	159613	19.968	ug/l	97
86) p-Isopropyltoluene	13.463	119	140026	19.566	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	71374	19.321	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	71950	18.502	ug/l	98
89) n-Butylbenzene	13.786	91	134139	19.919	ug/l	98
90) Hexachloroethane	14.051	117	28183	21.413	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	62765	19.978	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4006	20.065	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	38412	17.899	ug/l	96
94) Hexachlorobutadiene	15.204	225	22083	19.083	ug/l	99
95) Naphthalene	15.333	128	63429	17.789	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.522	180	32084	18.135	ug/l	98

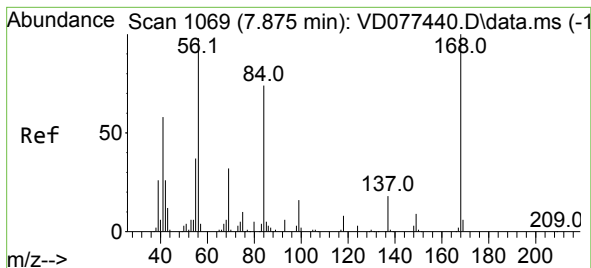
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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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: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

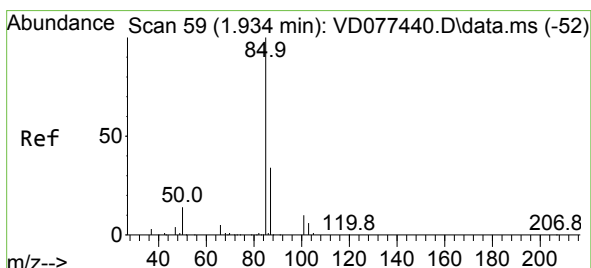
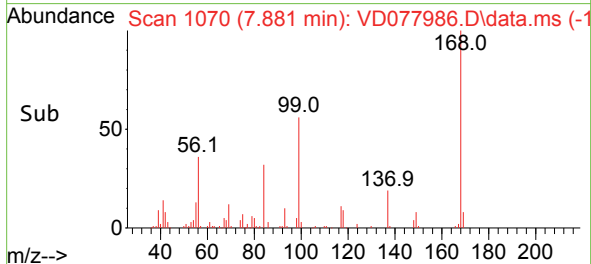
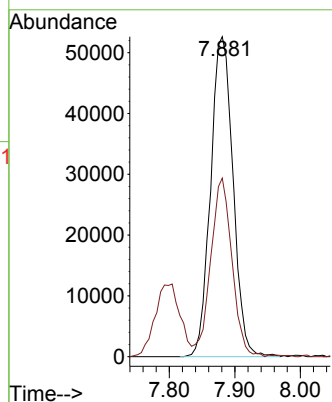
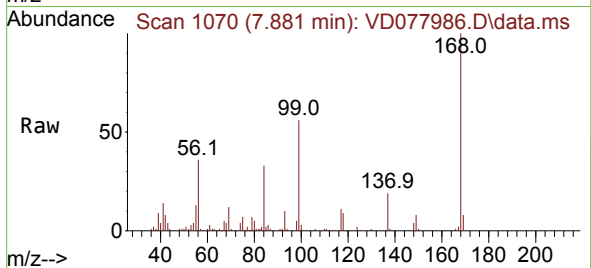
ClientSampleId :

Tgt Ion:168 Resp: 124755

Ion Ratio Lower Upper

168 100

99 55.4 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 17.696 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077986.D

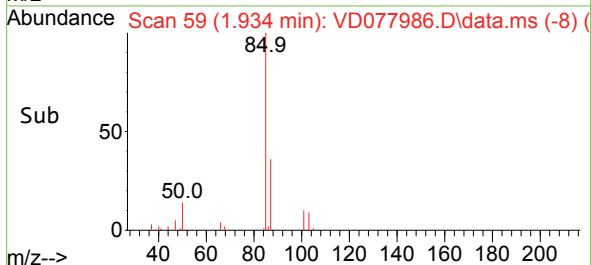
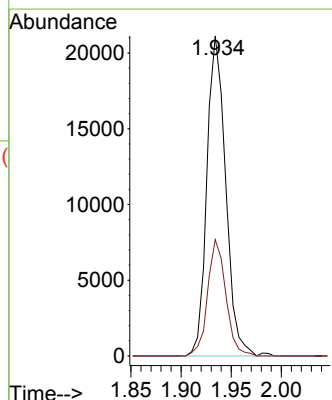
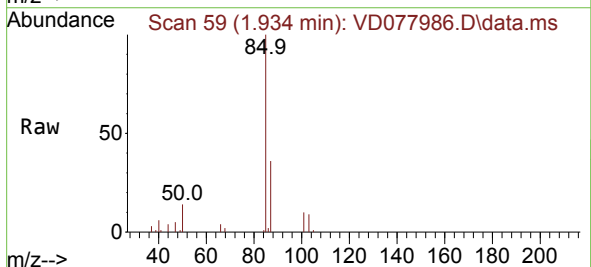
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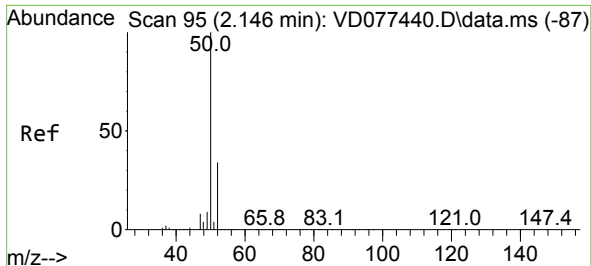
Tgt Ion: 85 Resp: 27577

Ion Ratio Lower Upper

85 100

87 36.4 15.7 47.0

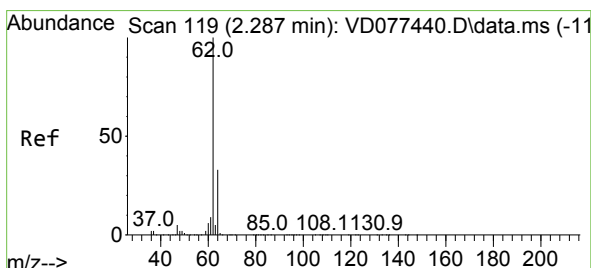
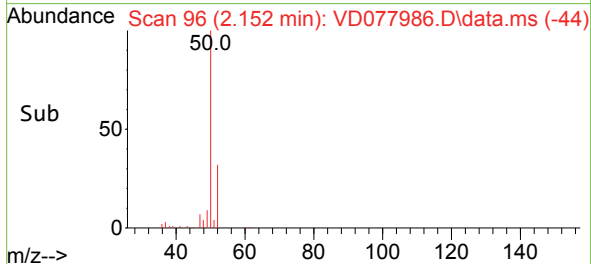
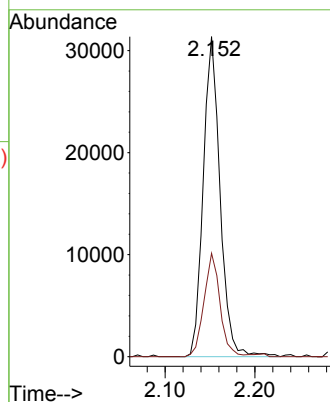
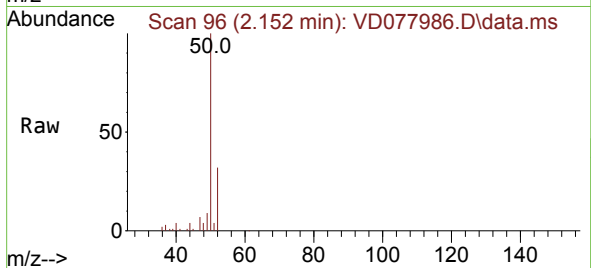




#3
Chloromethane
Concen: 19.267 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

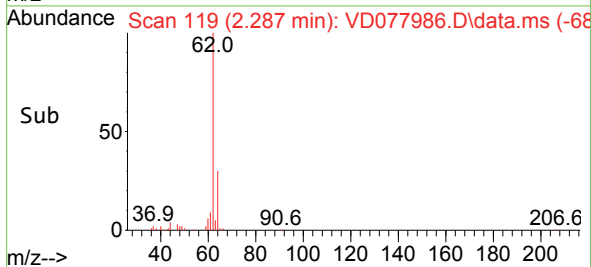
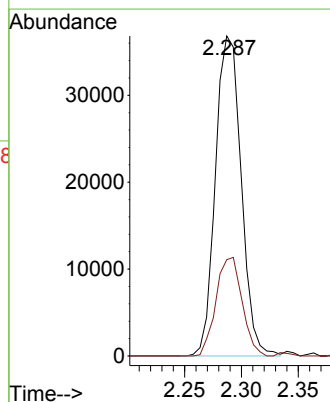
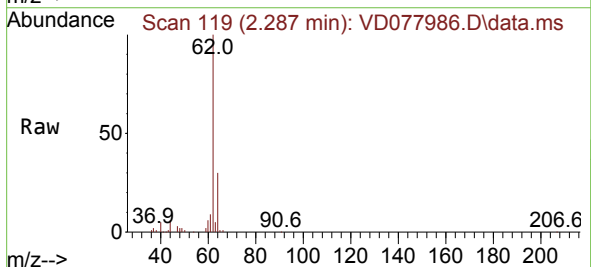
Instrument :
MSVOA_D
ClientSampleId :

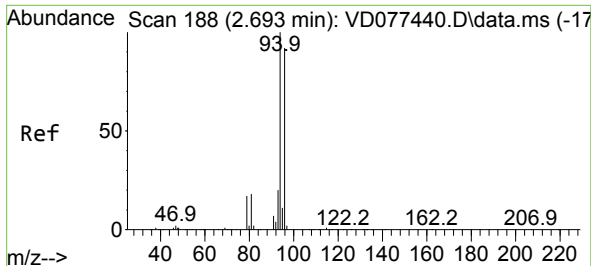
Tgt Ion: 50 Resp: 40926
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 20.141 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 62 Resp: 58080
Ion Ratio Lower Upper
62 100
64 30.1 26.0 39.0

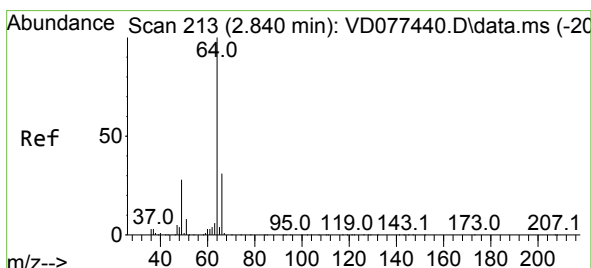
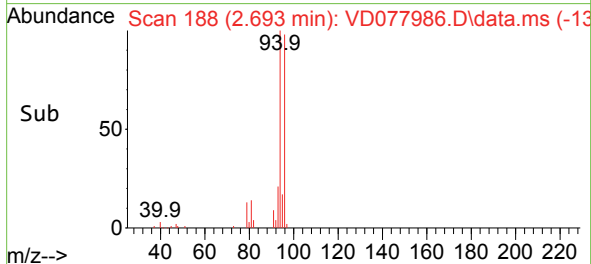
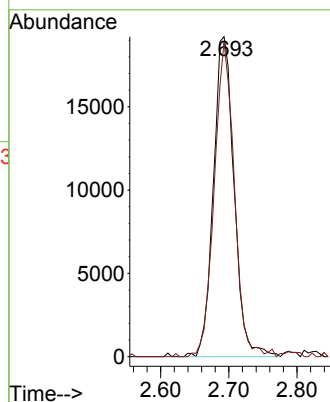
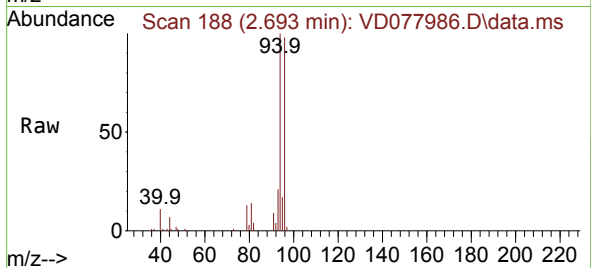




#5
Bromomethane
Concen: 25.077 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

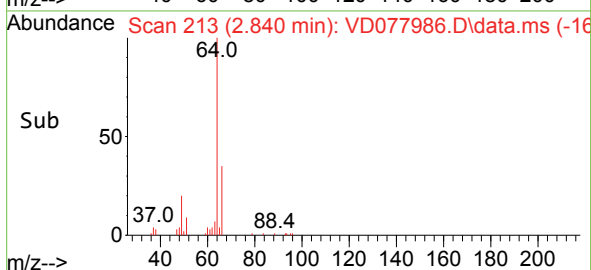
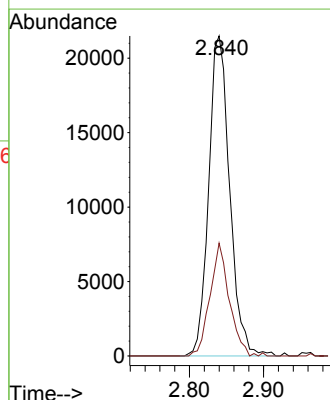
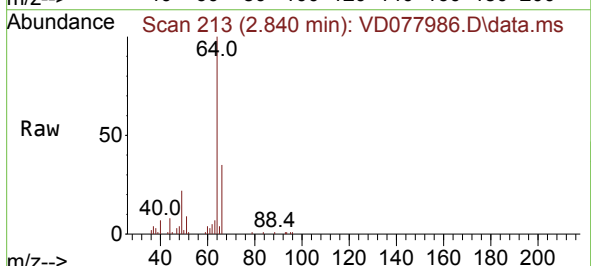
Instrument :
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ClientSampleId :

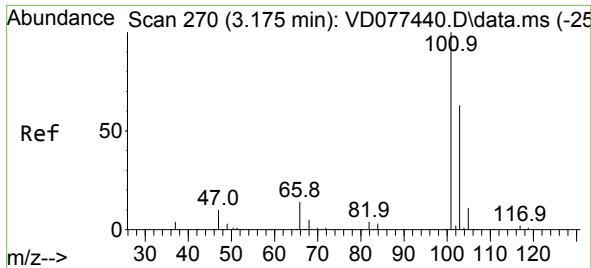
Tgt Ion: 94 Resp: 40578
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.8



#6
Chloroethane
Concen: 21.551 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 64 Resp: 42369
Ion Ratio Lower Upper
64 100
66 35.3 25.5 38.3

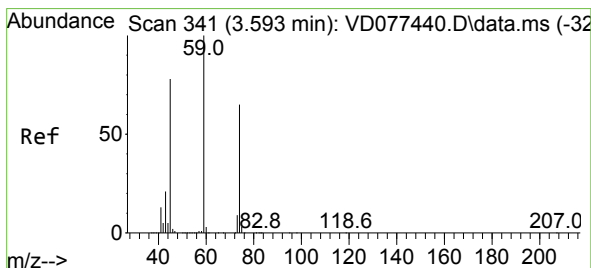
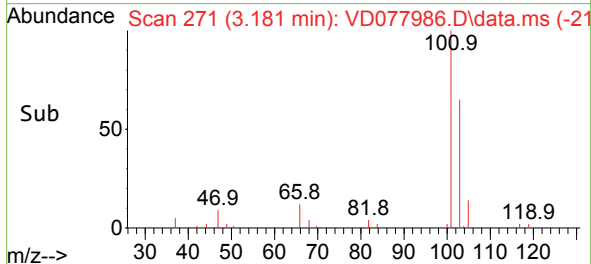
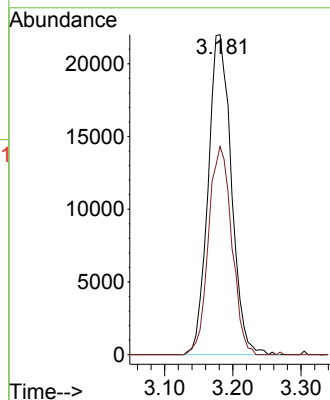
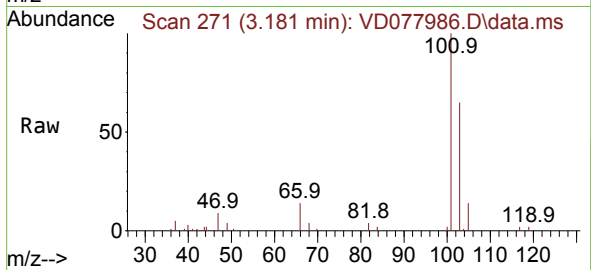




#7
Trichlorofluoromethane
Concen: 19.659 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

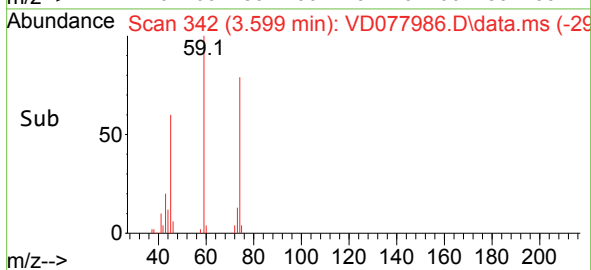
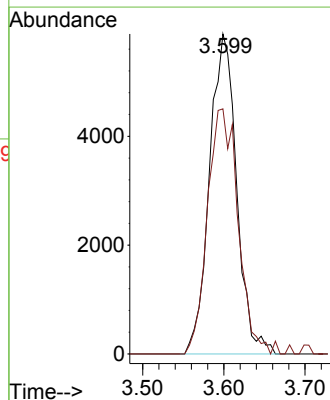
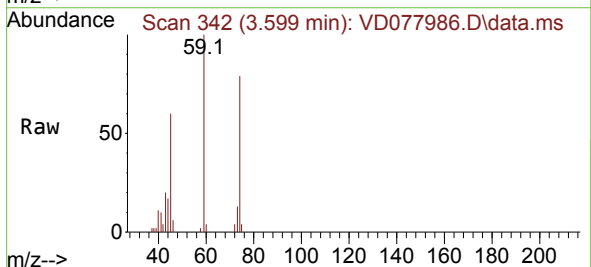
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MSVOA_D
ClientSampleId :

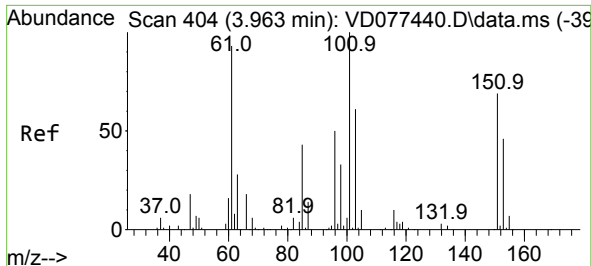
Tgt Ion:101 Resp: 52213
Ion Ratio Lower Upper
101 100
103 65.0 52.3 78.5



#8
Diethyl Ether
Concen: 18.278 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 74 Resp: 13631
Ion Ratio Lower Upper
74 100
45 86.7 37.5 112.7

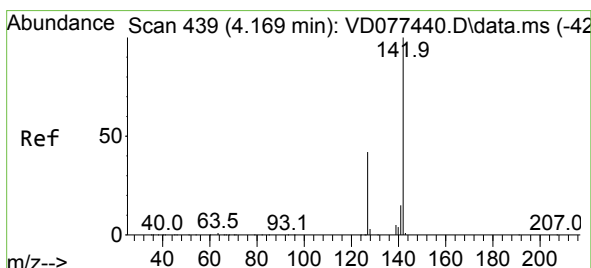
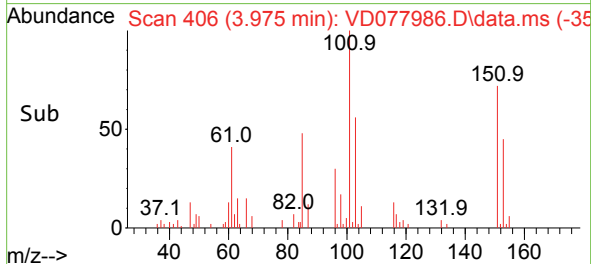
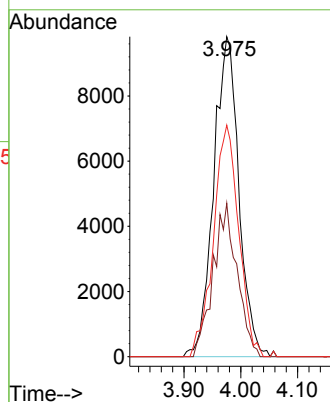
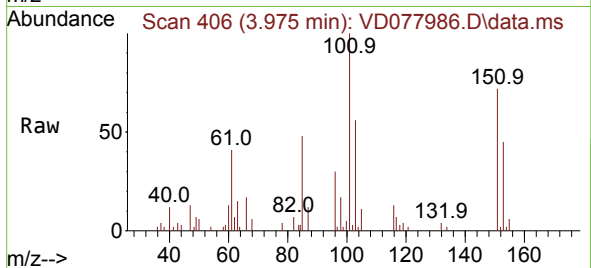




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.911 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077986.D
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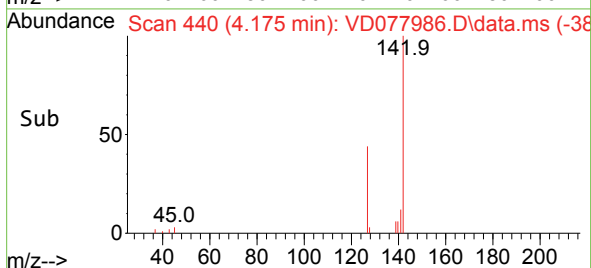
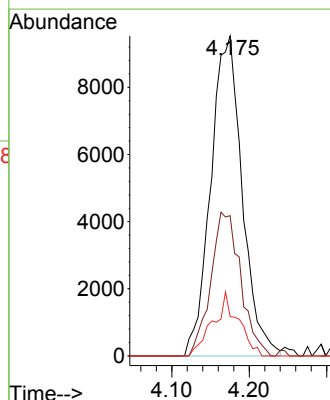
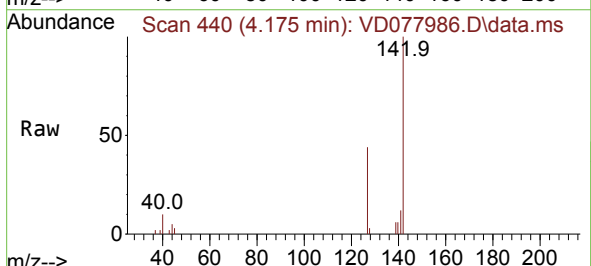
Instrument :
MSVOA_D
ClientSampleId :

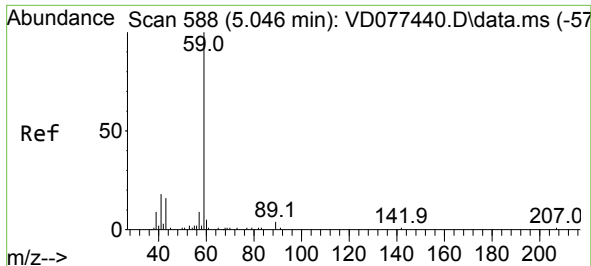
Tgt Ion:101 Resp: 30253
Ion Ratio Lower Upper
101 100
85 45.8 33.8 50.6
151 72.6 59.8 89.6



#10
Methyl Iodide
Concen: 24.197 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:142 Resp: 26867
Ion Ratio Lower Upper
142 100
127 42.7 29.4 44.0
141 16.0 11.1 16.7





#11

Tert butyl alcohol

Concen: 100.784 ug/l

RT: 5.046 min Scan# 588

Delta R.T. -0.000 min

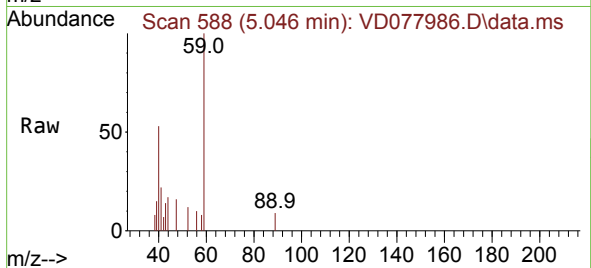
Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :

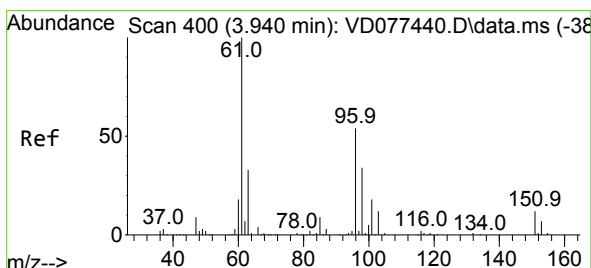
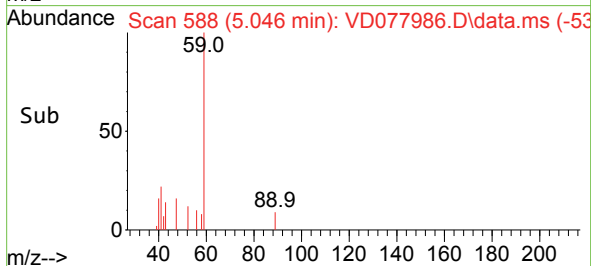
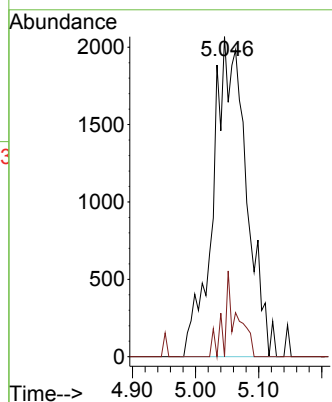


Tgt Ion: 59 Resp: 7611

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.8



#12

1,1-Dichloroethene

Concen: 18.525 ug/l

RT: 3.946 min Scan# 401

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

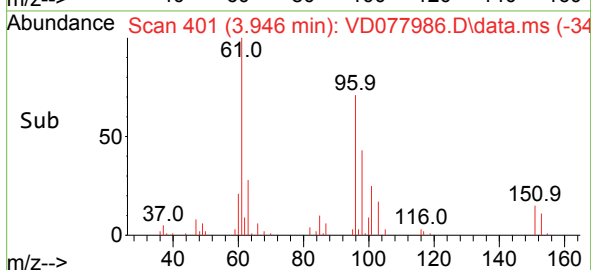
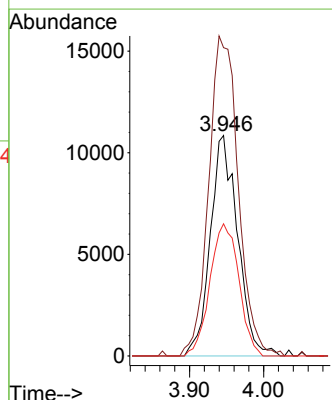
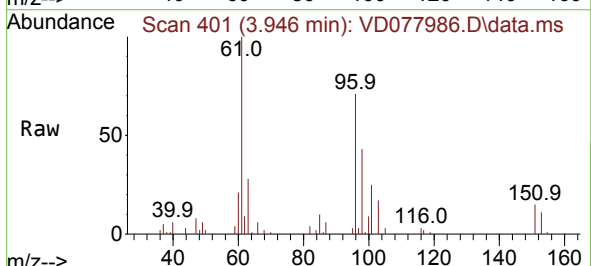
Tgt Ion: 96 Resp: 27780

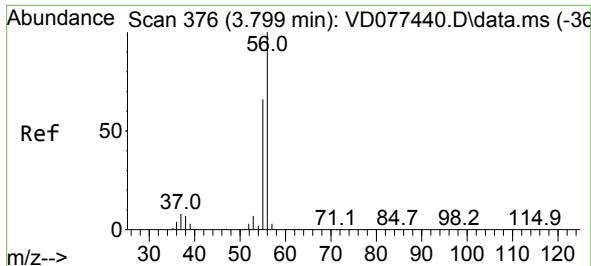
Ion Ratio Lower Upper

96 100

61 139.9 100.6 150.8

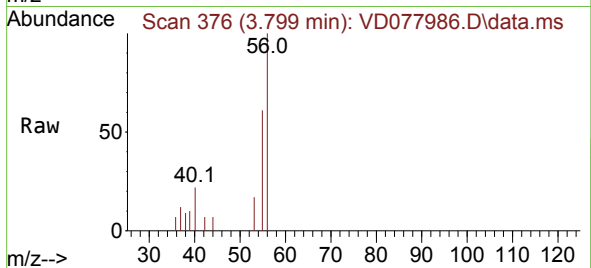
98 60.0 50.2 75.2



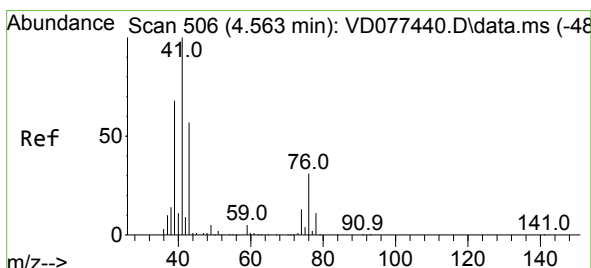
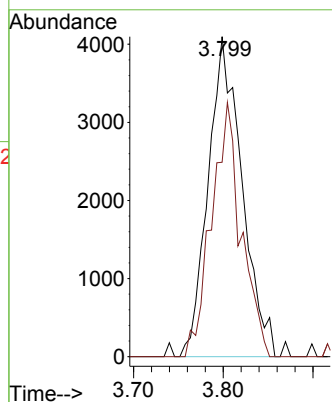
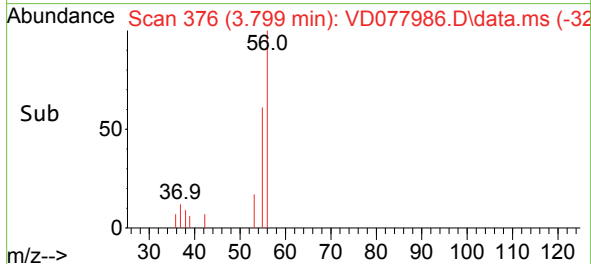


#13
Acrolein
Concen: 68.917 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

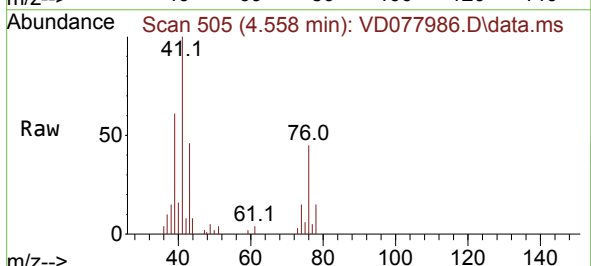
Instrument :
MSVOA_D
ClientSampleId :



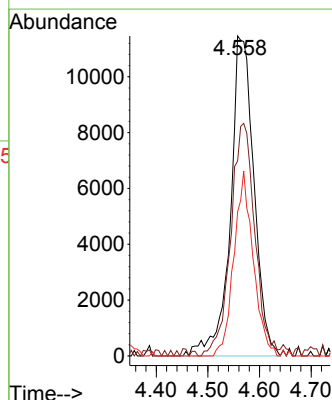
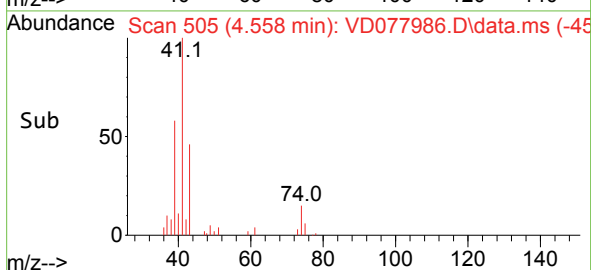
Tgt Ion: 56 Resp: 10717
Ion Ratio Lower Upper
56 100
55 69.7 55.1 82.7

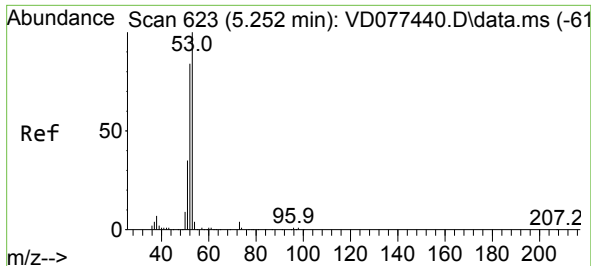


#14
Allyl chloride
Concen: 17.564 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40



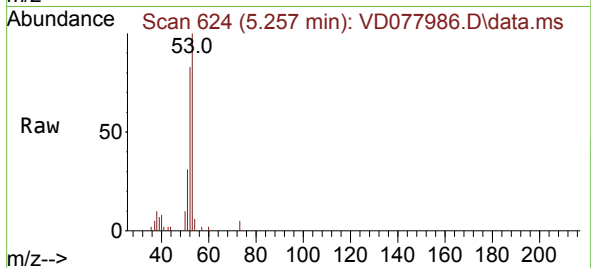
Tgt Ion: 41 Resp: 36226
Ion Ratio Lower Upper
41 100
39 74.8 53.8 80.6
76 47.4 45.8 68.8



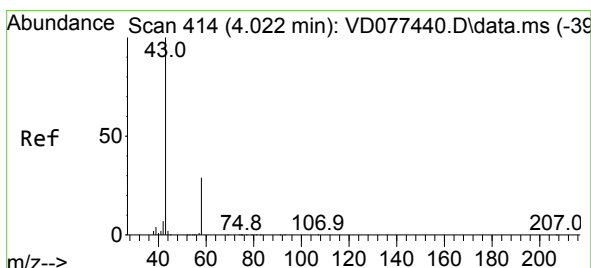
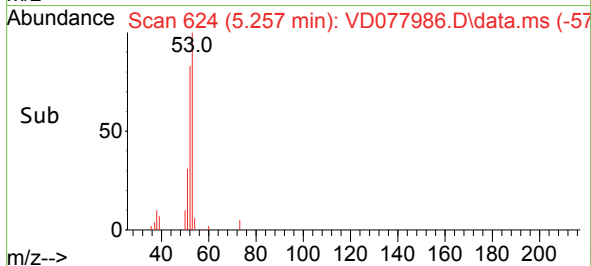
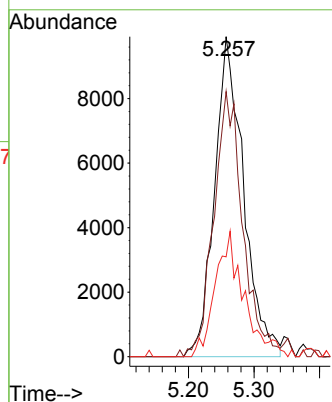


#15
Acrylonitrile
Concen: 95.378 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

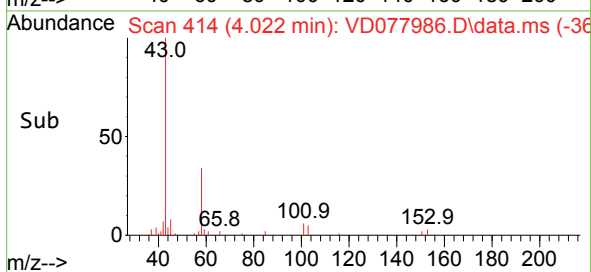
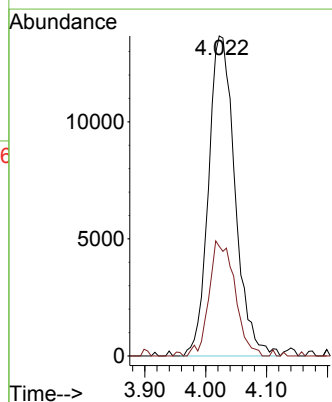
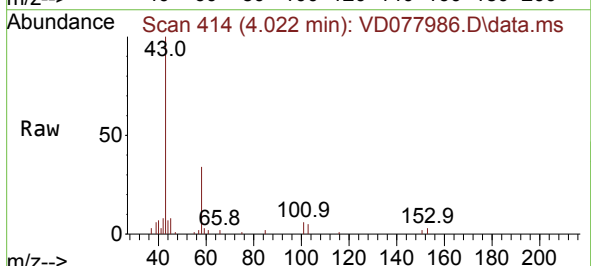


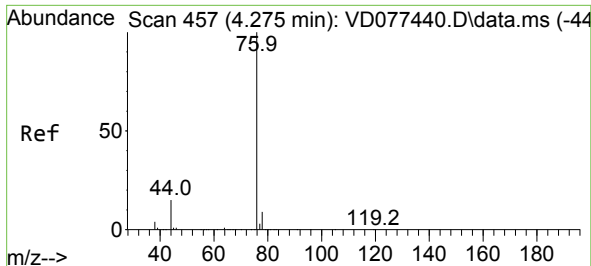
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.0	97.4
51	38.8	28.3	42.5



#16
Acetone
Concen: 112.822 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

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

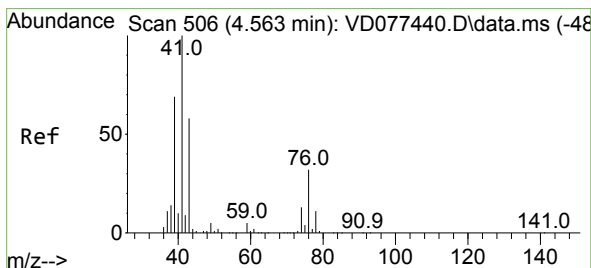
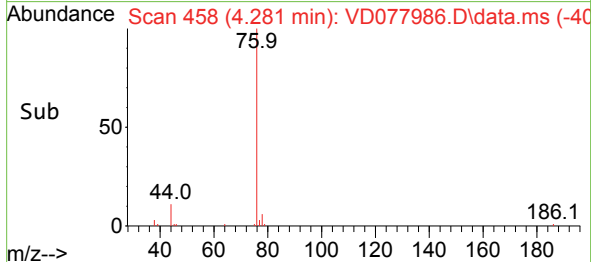
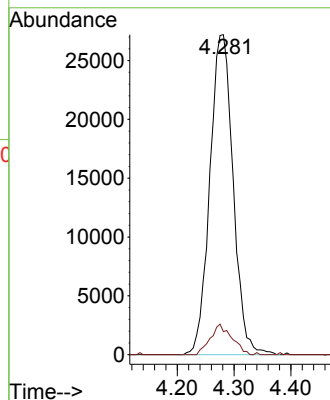
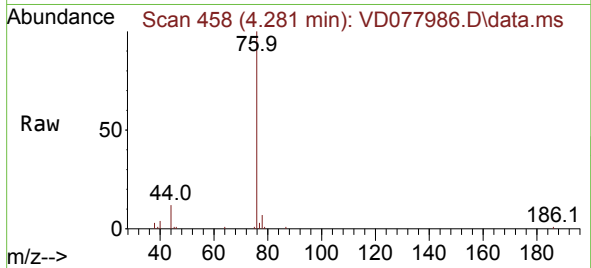




#17
Carbon Disulfide
Concen: 15.249 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

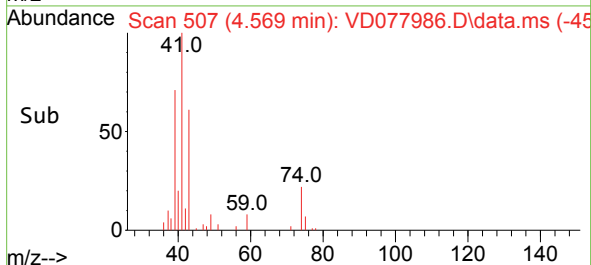
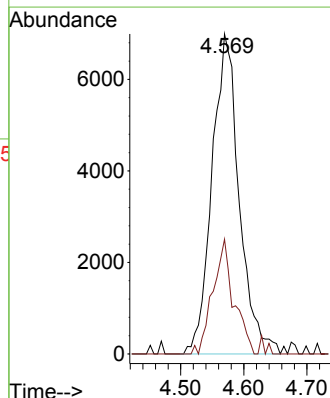
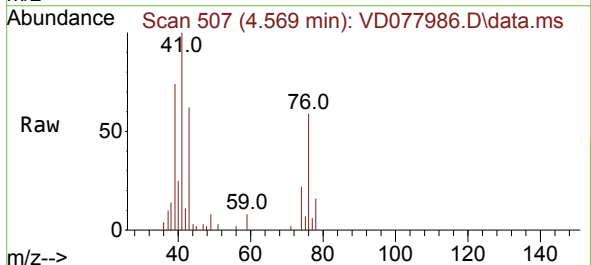
Instrument :
MSVOA_D
ClientSampleId :

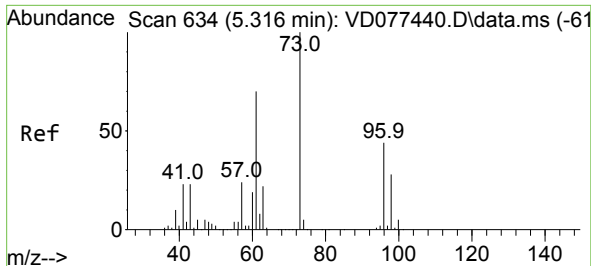
Tgt Ion: 76 Resp: 77366
Ion Ratio Lower Upper
76 100
78 7.2 6.8 10.2



#18
Methyl Acetate
Concen: 18.076 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 43 Resp: 20928
Ion Ratio Lower Upper
43 100
74 27.6 26.4 39.6

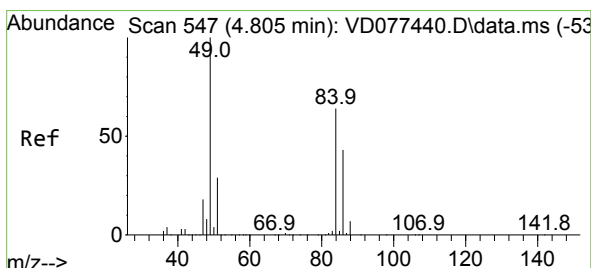
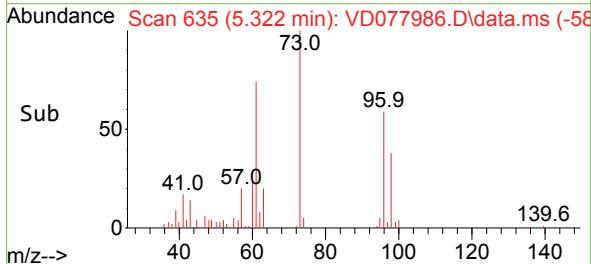
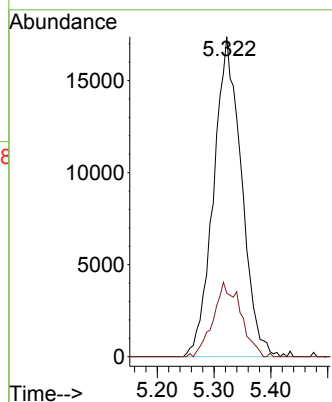
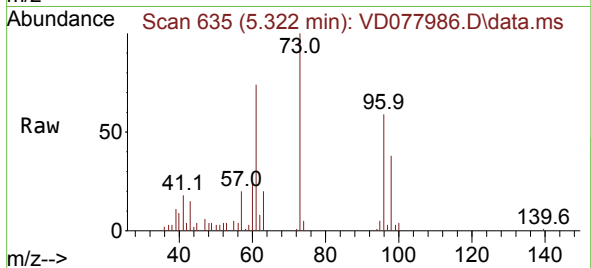




#19
Methyl tert-butyl Ether
Concen: 18.579 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

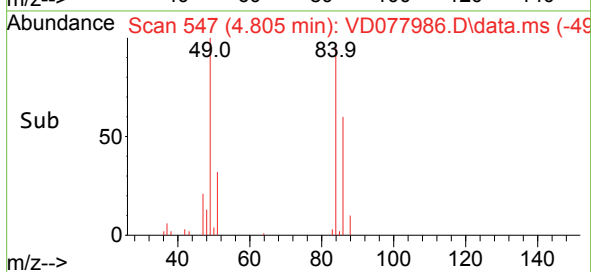
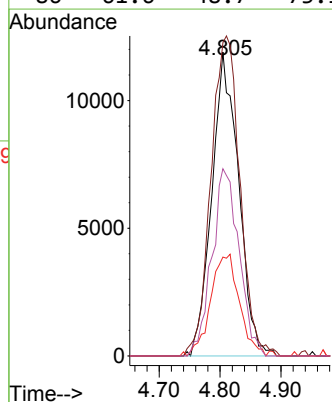
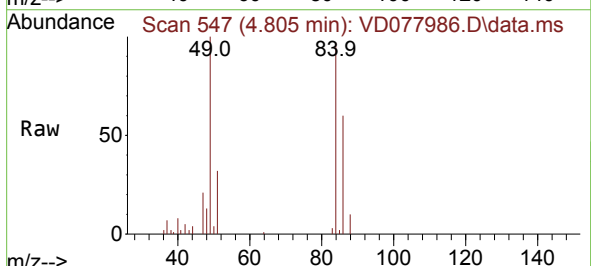
Instrument :
MSVOA_D
ClientSampleId :

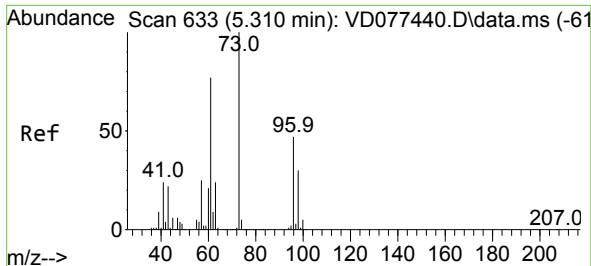
Tgt Ion: 73 Resp: 59112
Ion Ratio Lower Upper
73 100
57 19.9 16.6 25.0



#20
Methylene Chloride
Concen: 17.785 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 84 Resp: 36397
Ion Ratio Lower Upper
84 100
49 103.1 71.4 107.2
51 32.5 24.5 36.7
86 61.6 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 18.790 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

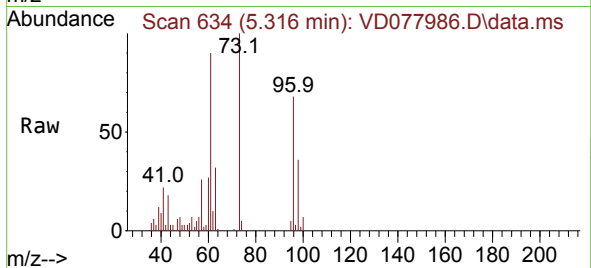
Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :



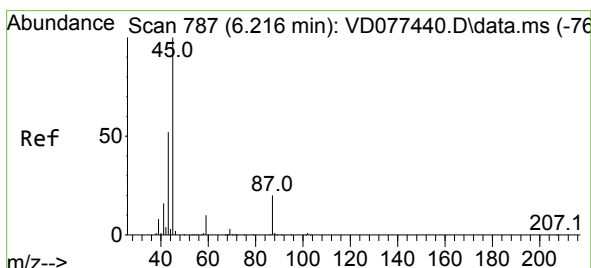
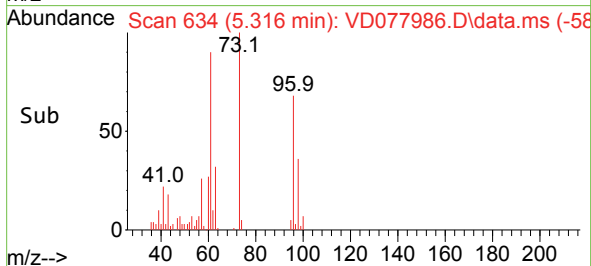
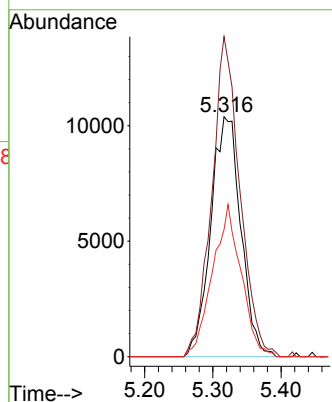
Tgt Ion: 96 Resp: 31916

Ion Ratio Lower Upper

96 100

61 133.3 89.3 133.9

98 52.9 48.6 73.0



#22

Diisopropyl ether

Concen: 18.352 ug/l

RT: 6.222 min Scan# 788

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Tgt Ion: 45 Resp: 79099

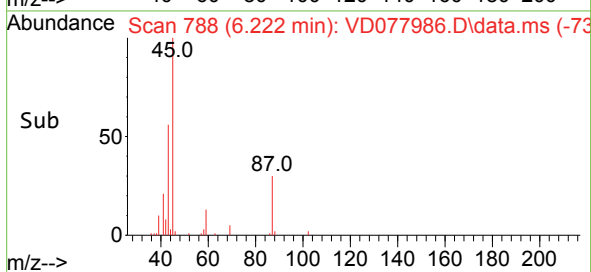
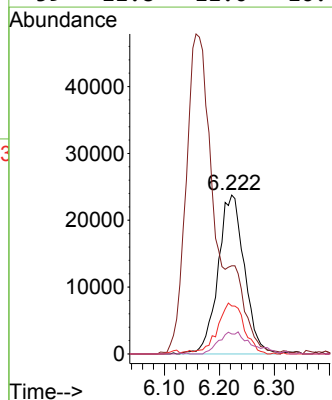
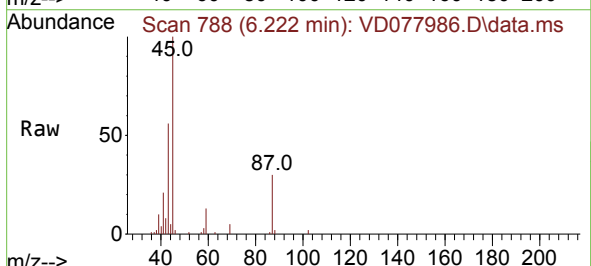
Ion Ratio Lower Upper

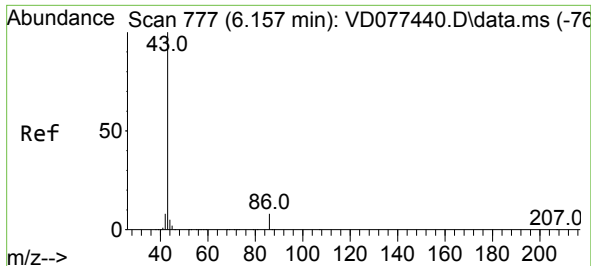
45 100

43 54.3 40.0 60.0

87 30.2 28.2 42.4

59 11.8 11.0 16.4

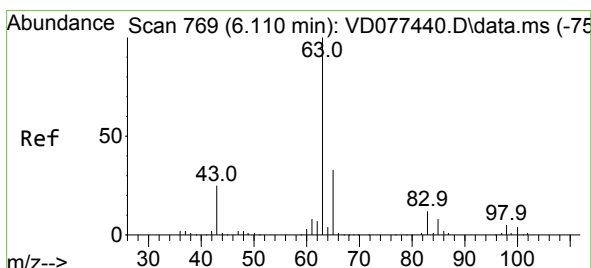
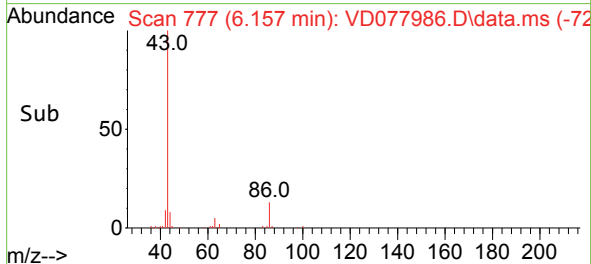
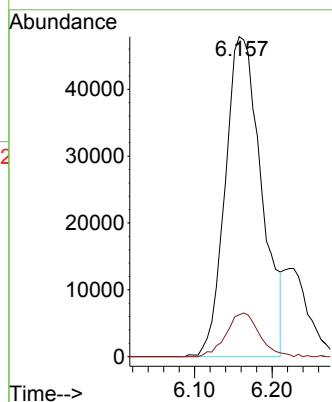
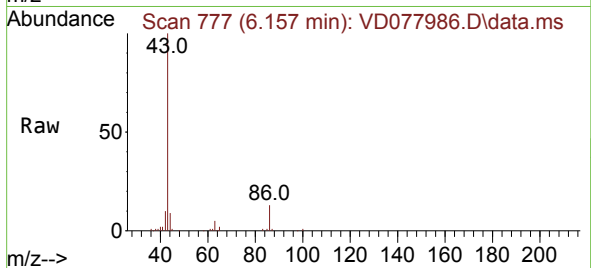




#23
 Vinyl Acetate
 Concen: 73.999 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

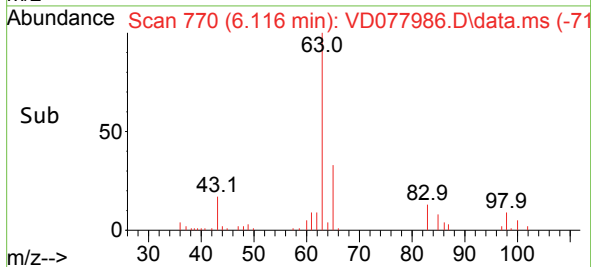
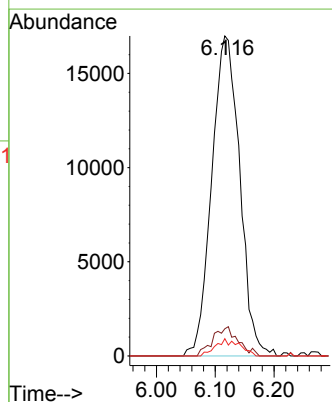
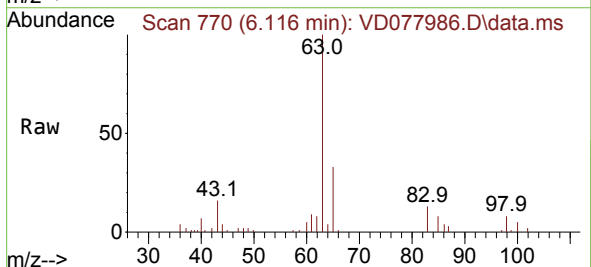
Instrument :
 MSVOA_D
 ClientSampleId :

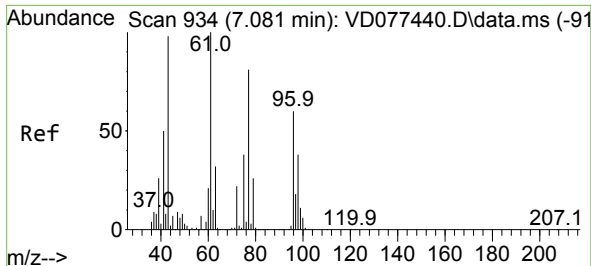
Tgt Ion: 43 Resp: 155748
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.264 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

Tgt Ion: 63 Resp: 56227
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 5.4 2.5 7.5

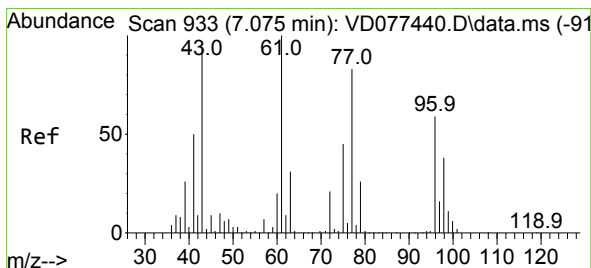
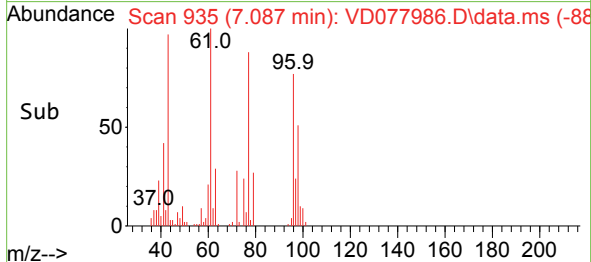
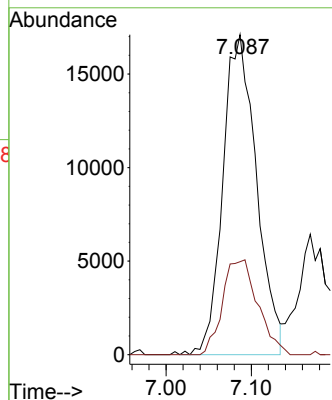
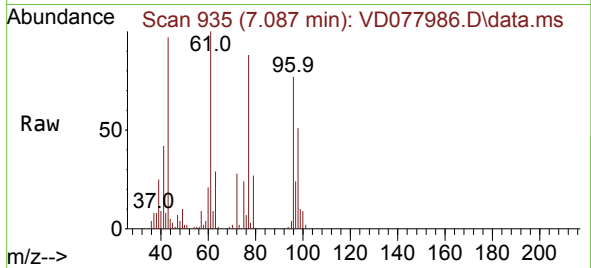




#25
2-Butanone
Concen: 107.433 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

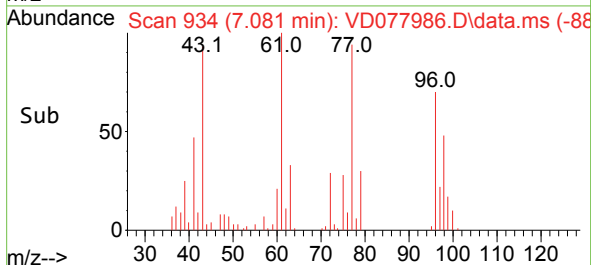
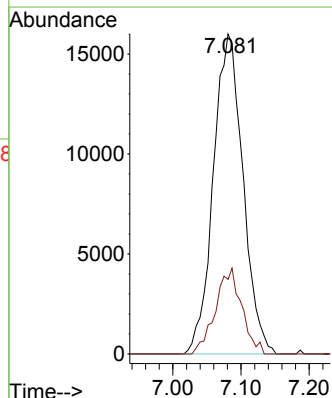
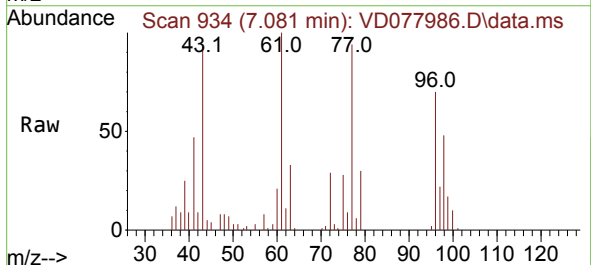
Instrument :
MSVOA_D
ClientSampleId :

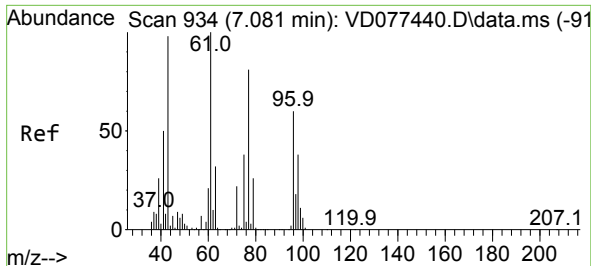
Tgt Ion: 43 Resp: 46874
Ion Ratio Lower Upper
43 100
72 29.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.750 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 77 Resp: 48398
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.358 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :

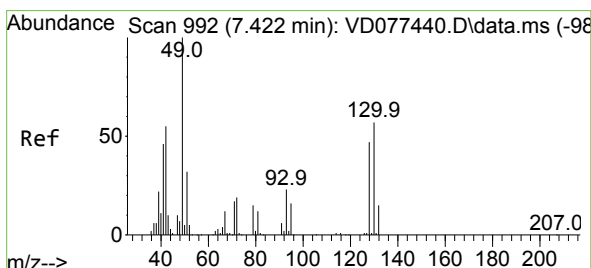
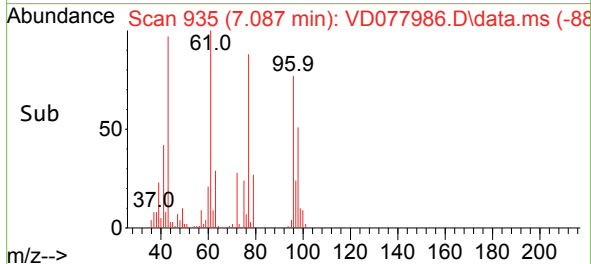
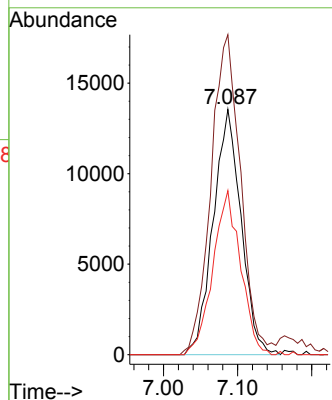
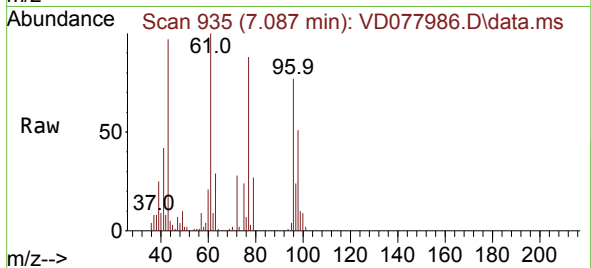
Tgt Ion: 96 Resp: 35380

Ion Ratio Lower Upper

96 100

61 139.1 0.0 239.2

98 66.5 0.0 128.6



#28

Bromochloromethane

Concen: 18.387 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.012 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

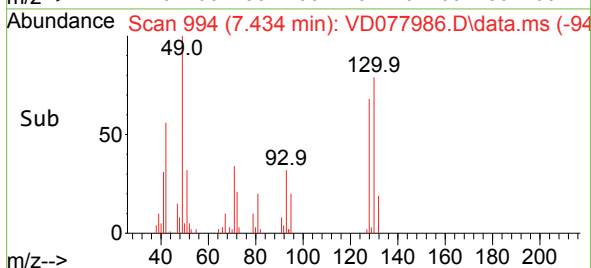
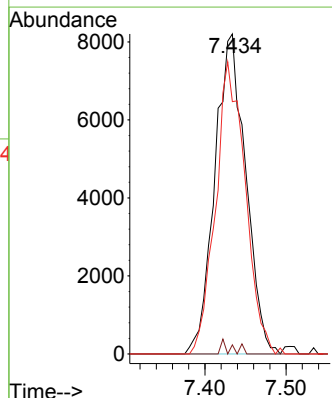
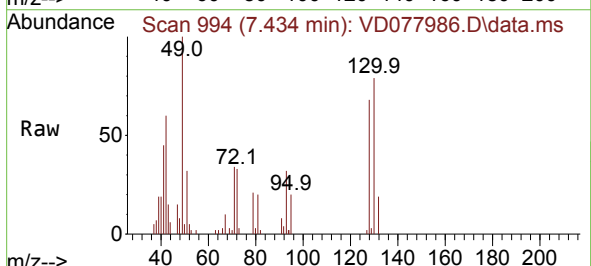
Tgt Ion: 49 Resp: 21686

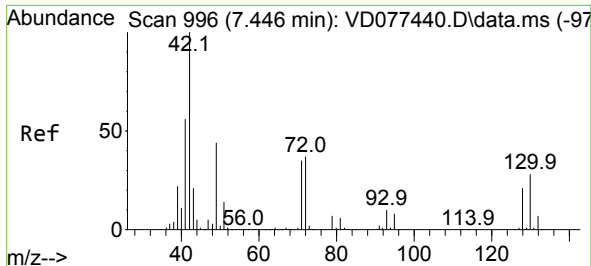
Ion Ratio Lower Upper

49 100

129 1.4 0.0 6.0

130 87.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 88.760 ug/l

RT: 7.451 min Scan# 996

Delta R.T. 0.005 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :

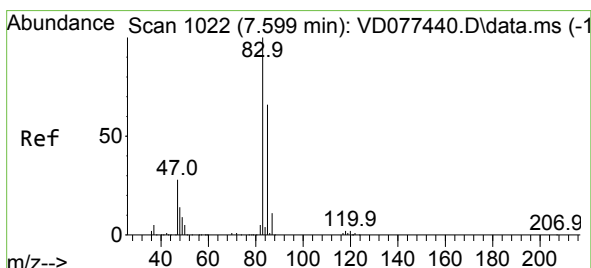
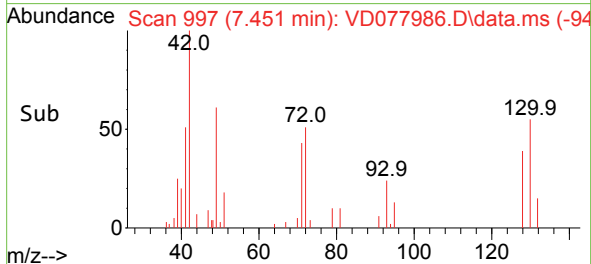
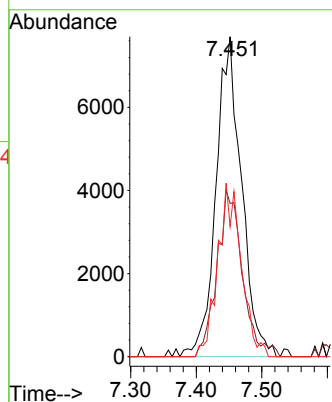
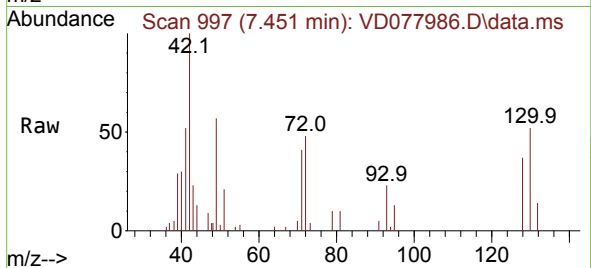
Tgt Ion: 42 Resp: 20778

Ion Ratio Lower Upper

42 100

72 51.9 46.5 69.7

71 49.9 44.5 66.7



#30

Chloroform

Concen: 20.218 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD077986.D

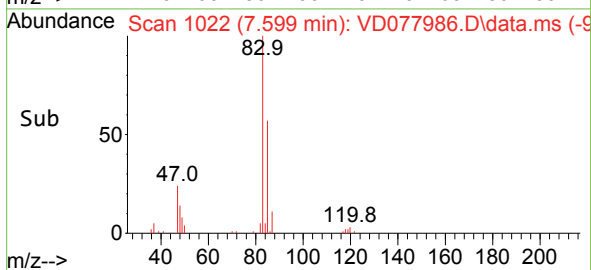
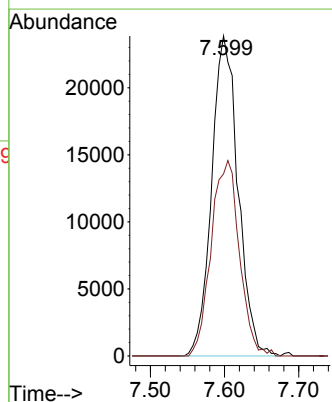
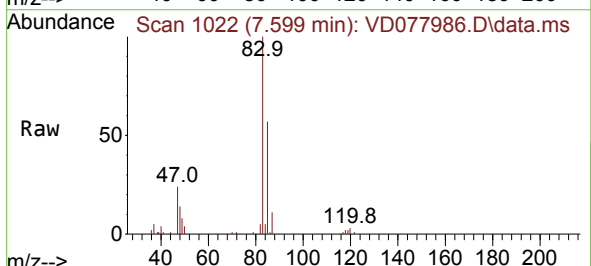
Acq: 20 Dec 2023 10:40

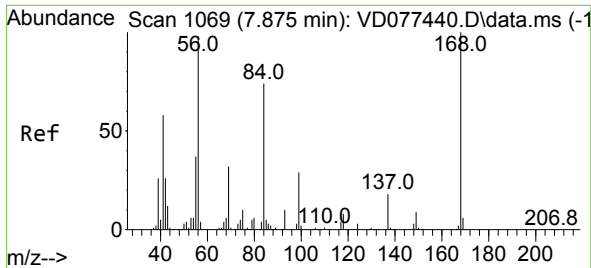
Tgt Ion: 83 Resp: 59059

Ion Ratio Lower Upper

83 100

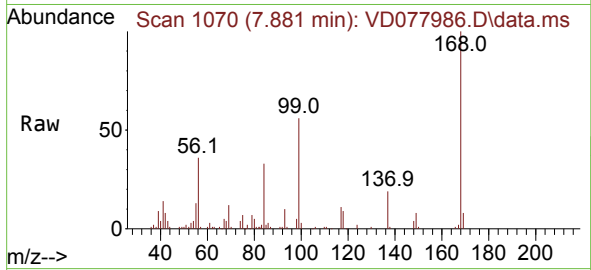
85 56.9 53.4 80.2



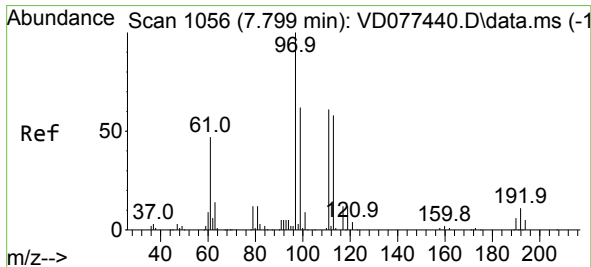
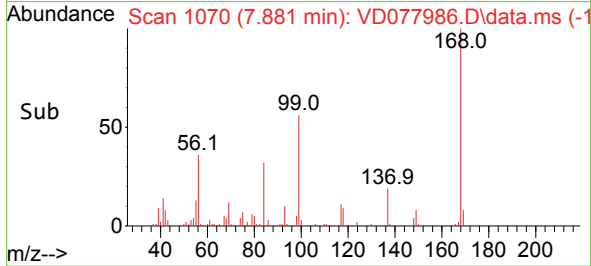
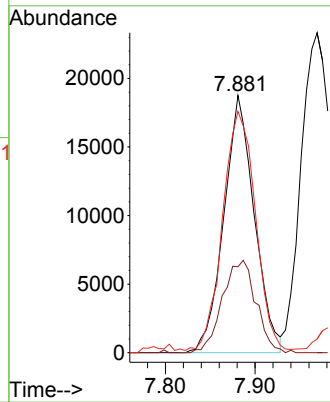


#31
Cyclohexane
Concen: 16.941 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

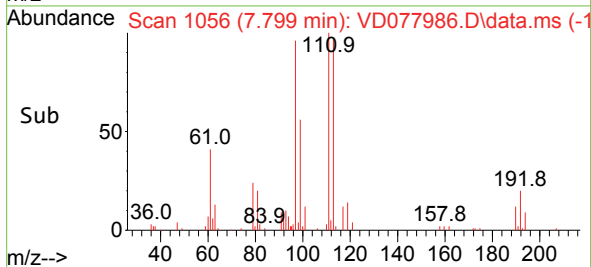
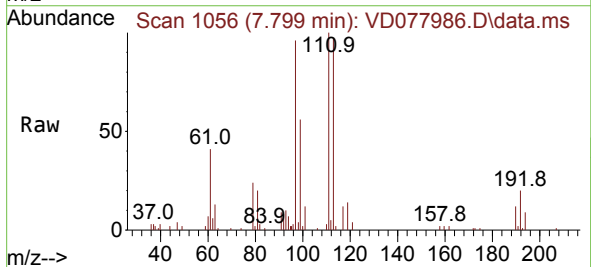
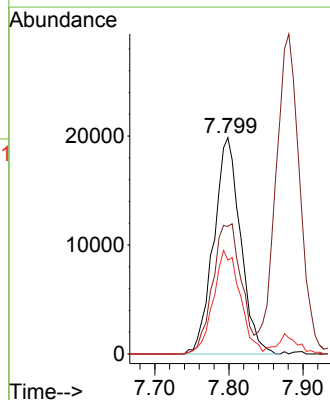


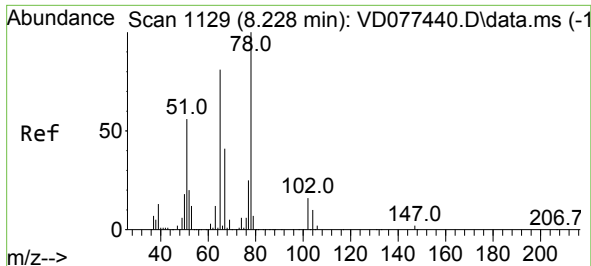
Tgt Ion: 56 Resp: 44297
Ion Ratio Lower Upper
56 100
69 33.4 28.6 43.0
84 92.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 19.352 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 97 Resp: 49835
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 47.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 42.413 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

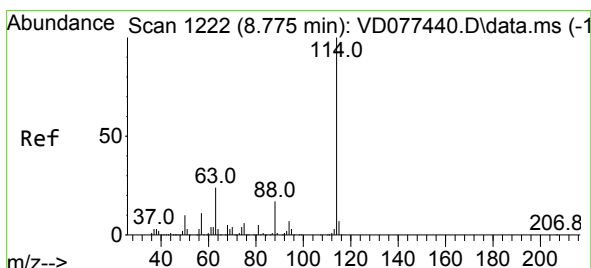
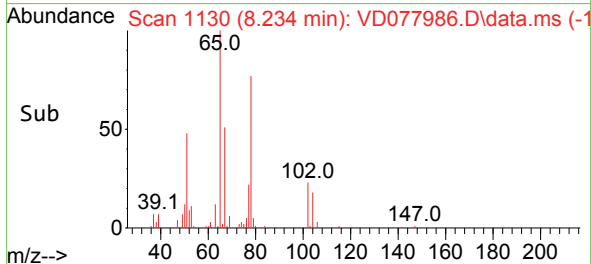
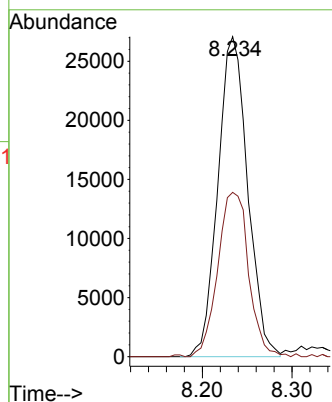
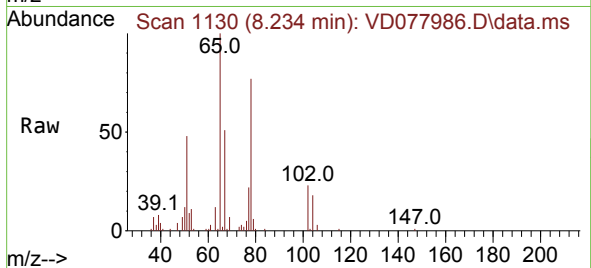
ClientSampleId :

Tgt Ion: 65 Resp: 62350

Ion Ratio Lower Upper

65 100

67 53.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

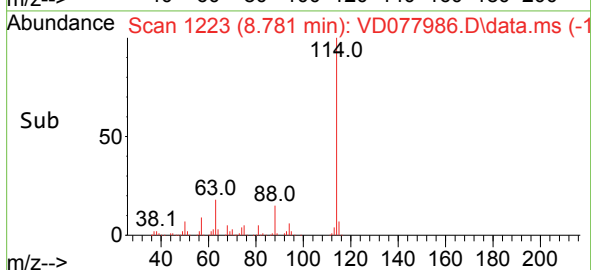
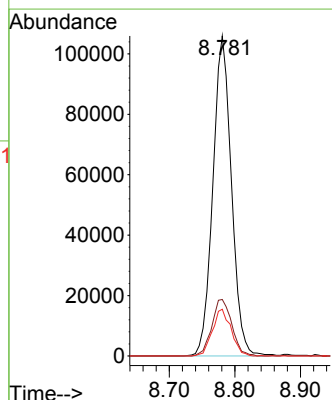
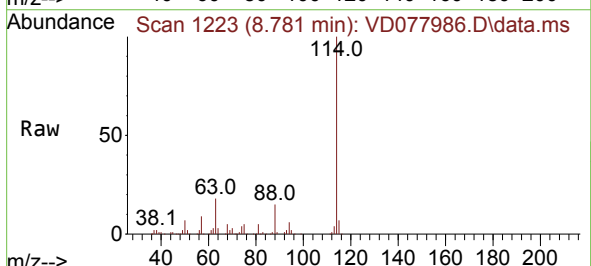
Tgt Ion: 114 Resp: 208231

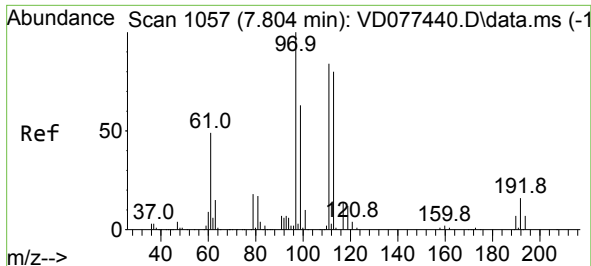
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 14.6 0.0 26.2

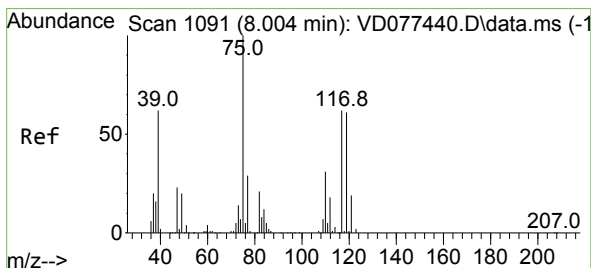
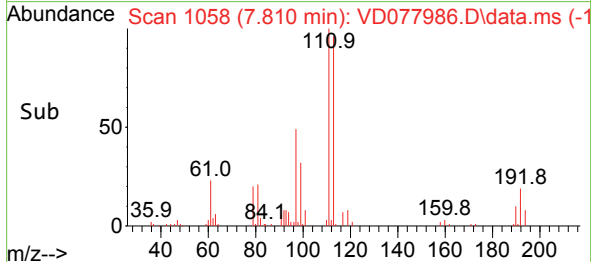
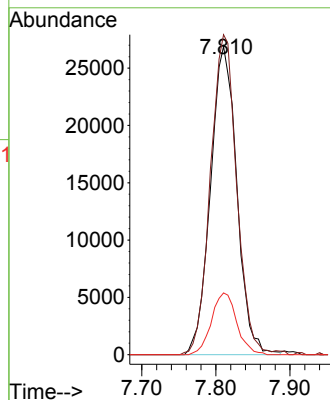
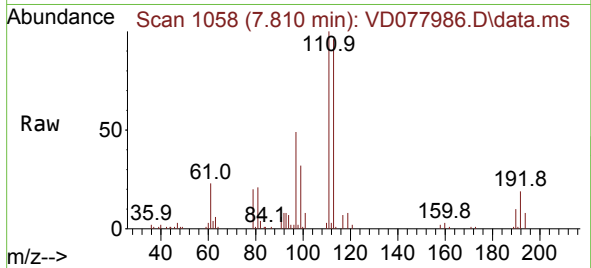




#35
Dibromofluoromethane
Concen: 45.511 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

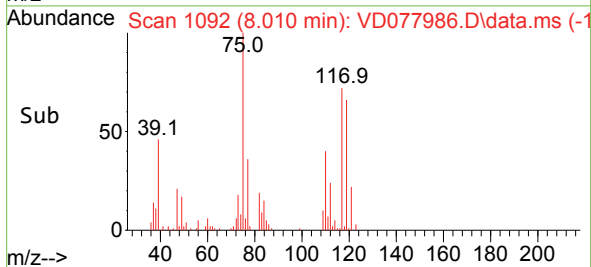
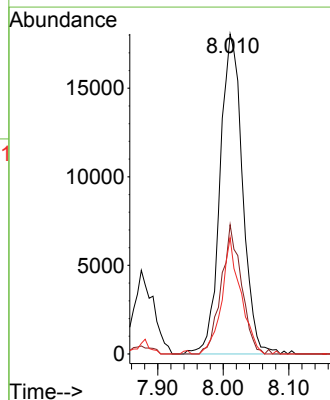
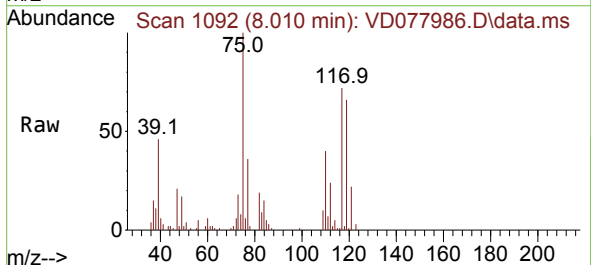
Instrument :
MSVOA_D
ClientSampleId :

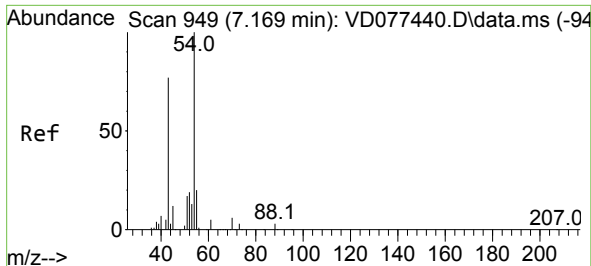
Tgt Ion:113 Resp: 66382
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 19.2 16.8 25.2



#36
1,1-Dichloropropene
Concen: 18.401 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

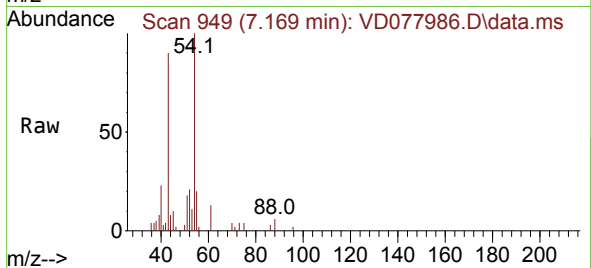
Tgt Ion: 75 Resp: 42932
Ion Ratio Lower Upper
75 100
110 36.2 19.9 59.6
77 30.7 24.7 37.1



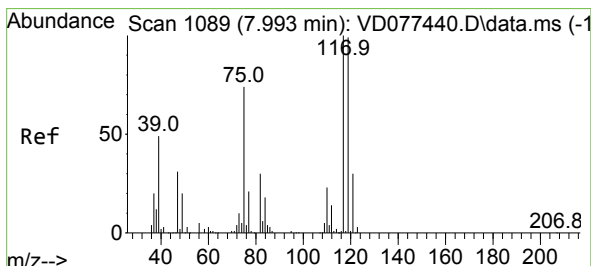
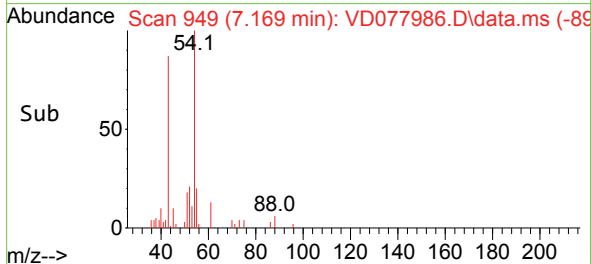
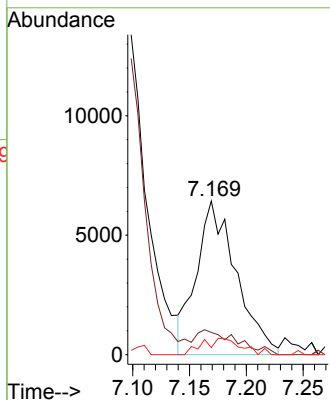


#37
Ethyl Acetate
Concen: 17.198 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

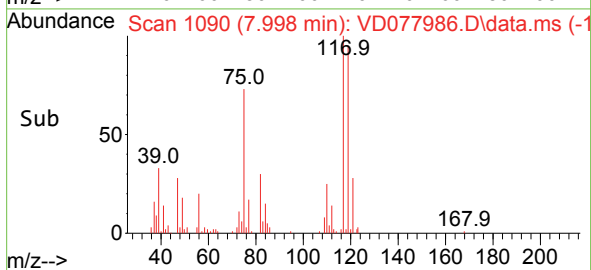
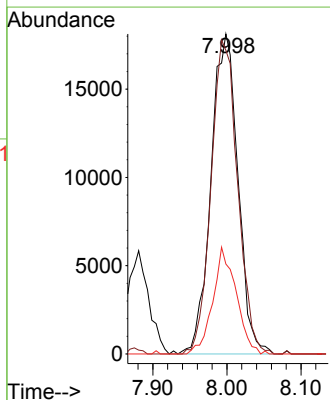
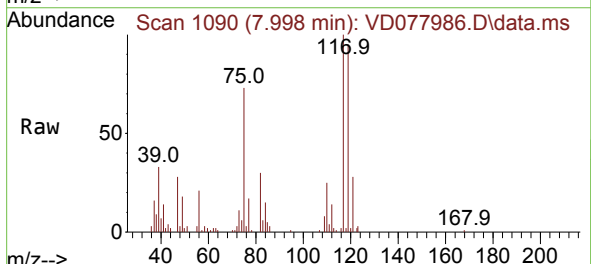


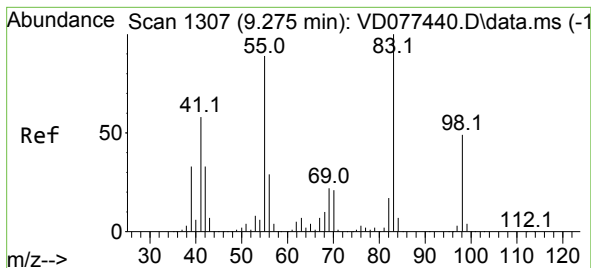
Tgt Ion: 43 Resp: 15645
Ion Ratio Lower Upper
43 100
61 16.2 14.9 22.3
70 10.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 19.714 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.005 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 117 Resp: 45853
Ion Ratio Lower Upper
117 100
119 94.9 78.0 117.0
121 28.1 24.2 36.2





#39

Methylcyclohexane

Concen: 18.535 ug/l

RT: 9.281 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :

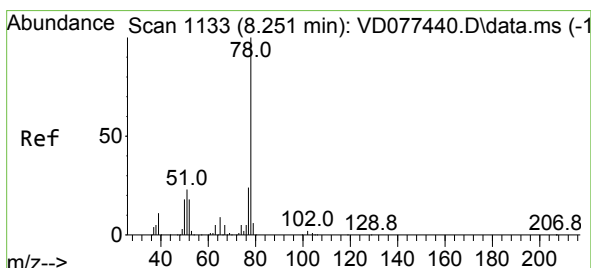
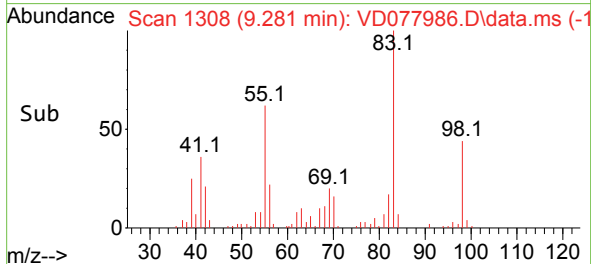
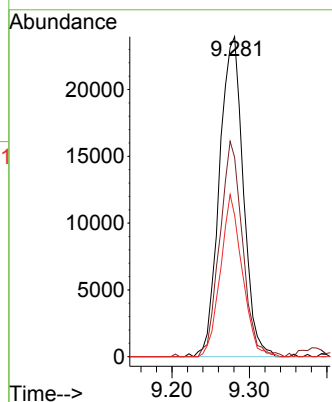
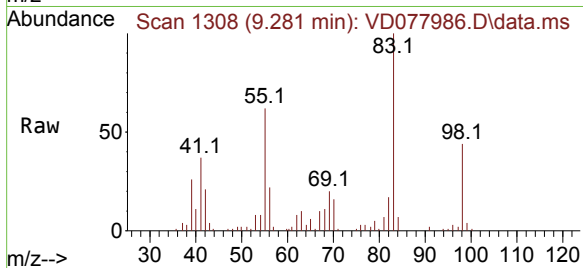
Tgt Ion: 83 Resp: 51266

Ion Ratio Lower Upper

83 100

55 62.3 49.4 74.0

98 44.2 38.4 57.6



#40

Benzene

Concen: 19.635 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD077986.D

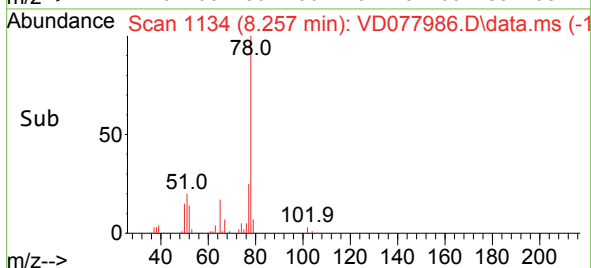
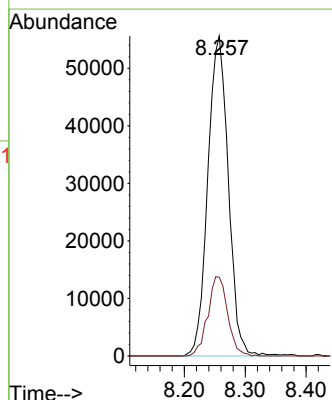
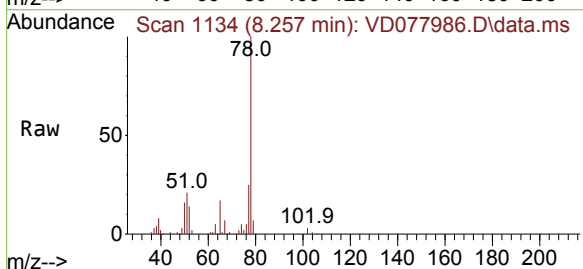
Acq: 20 Dec 2023 10:40

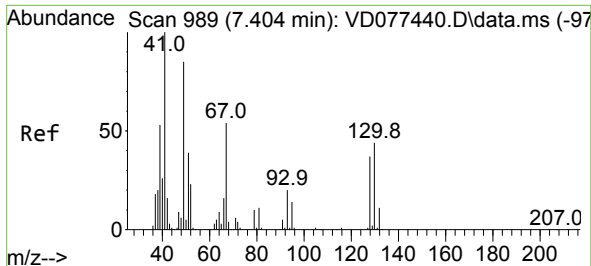
Tgt Ion: 78 Resp: 130017

Ion Ratio Lower Upper

78 100

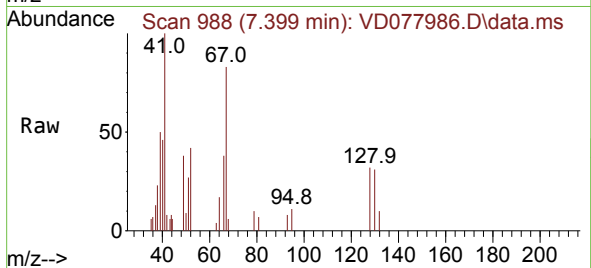
77 24.6 19.4 29.0



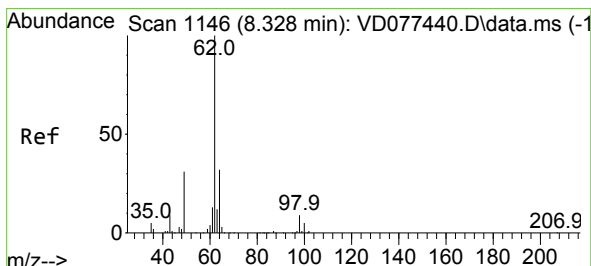
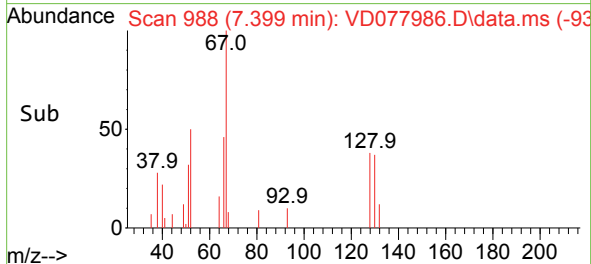
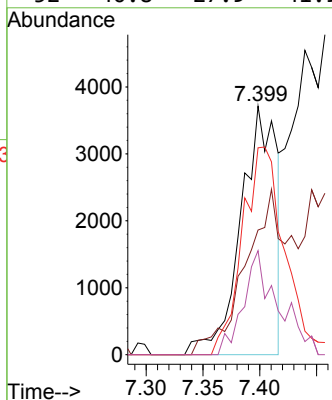


#41
Methacrylonitrile
Concen: 17.553 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.005 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

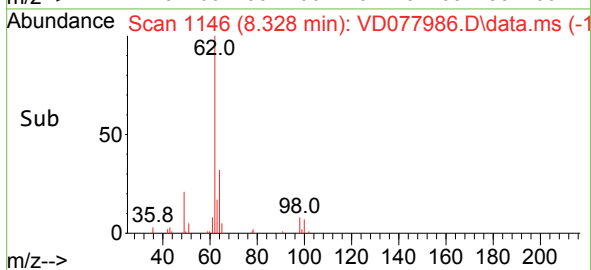
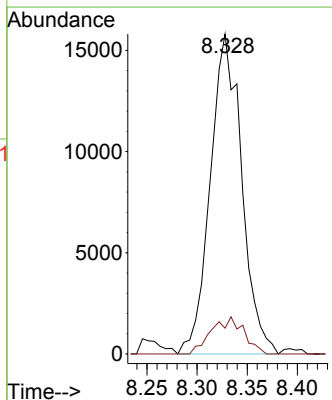
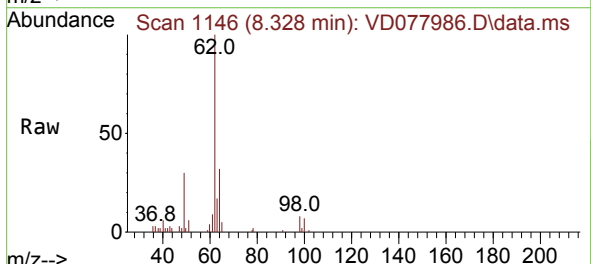


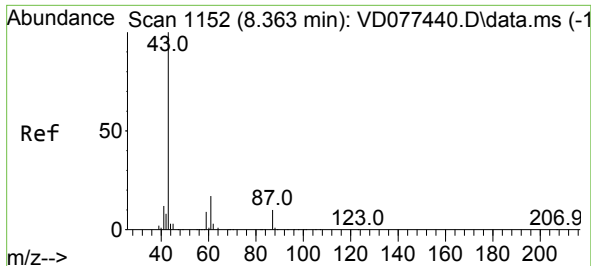
Tgt Ion: 41 Resp: 8116
Ion Ratio Lower Upper
41 100
39 68.1 34.0 51.0#
67 98.0 77.0 115.4
52 40.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.042 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

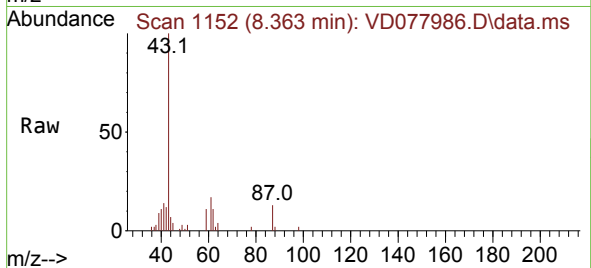
Tgt Ion: 62 Resp: 34401
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4



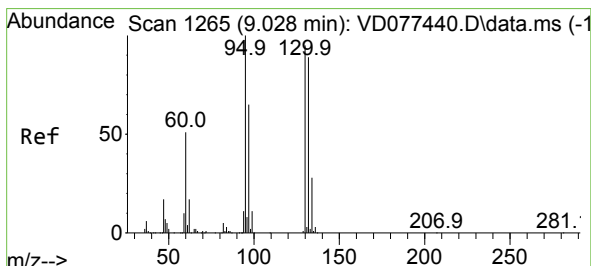
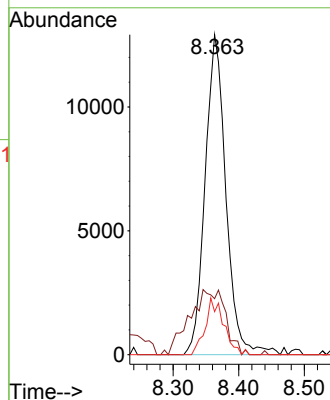
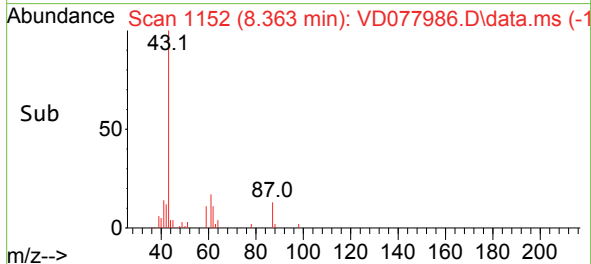


#43
Isopropyl Acetate
Concen: 17.632 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

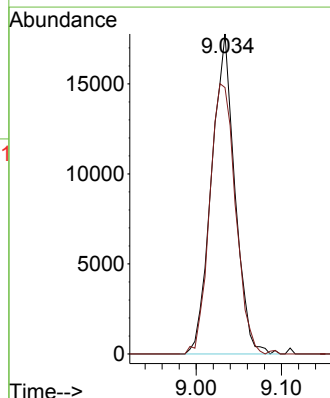
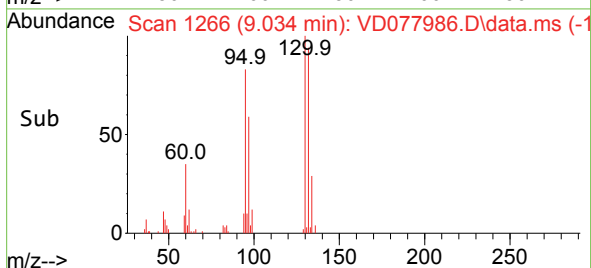
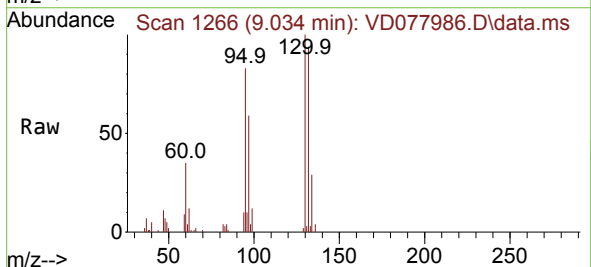


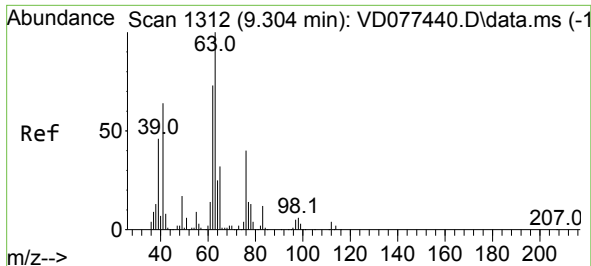
Tgt Ion: 43 Resp: 28513
Ion Ratio Lower Upper
43 100
61 34.9 31.4 47.0
87 15.7 14.9 22.3



#44
Trichloroethene
Concen: 19.604 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:130 Resp: 33829
Ion Ratio Lower Upper
130 100
95 83.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.565 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

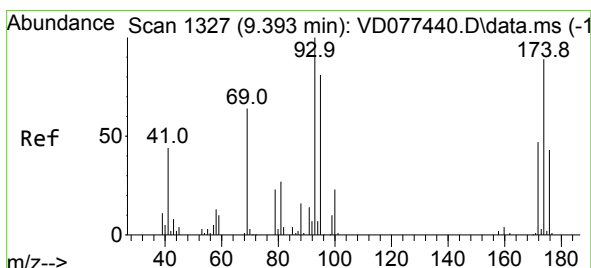
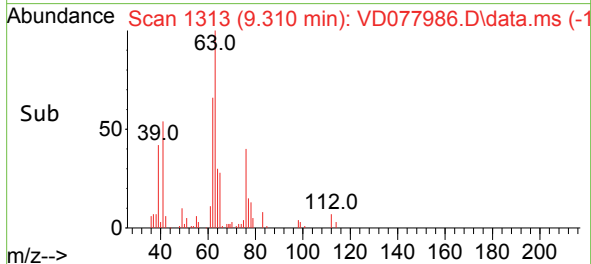
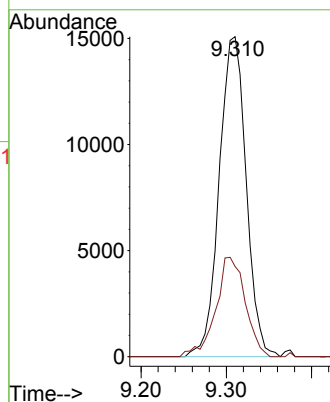
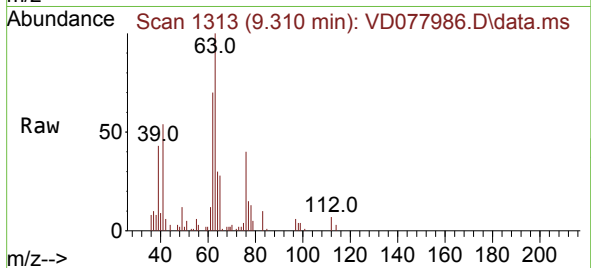
ClientSampleId :

Tgt Ion: 63 Resp: 33105

Ion Ratio Lower Upper

63 100

65 28.2 24.5 36.7



#46

Dibromomethane

Concen: 20.349 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.005 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

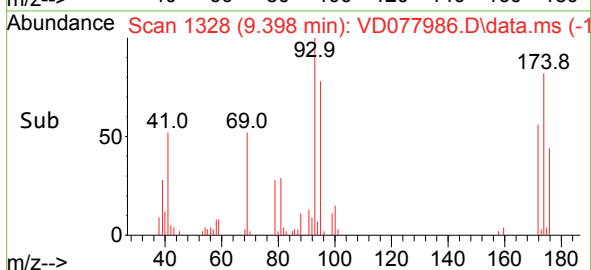
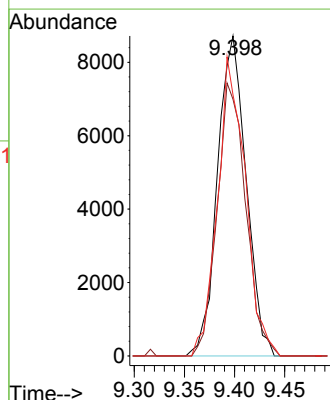
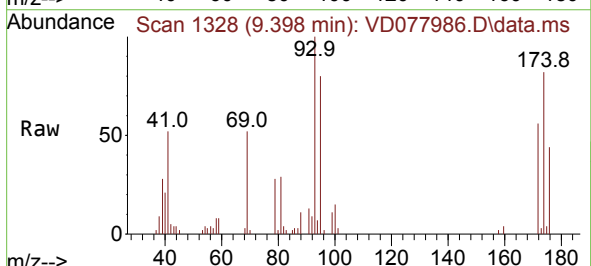
Tgt Ion: 93 Resp: 17332

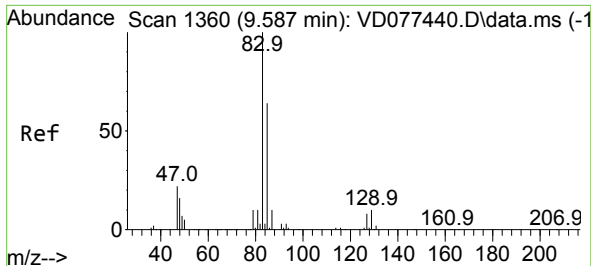
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 90.6 85.4 128.2

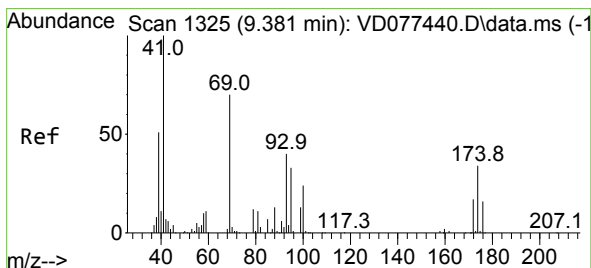
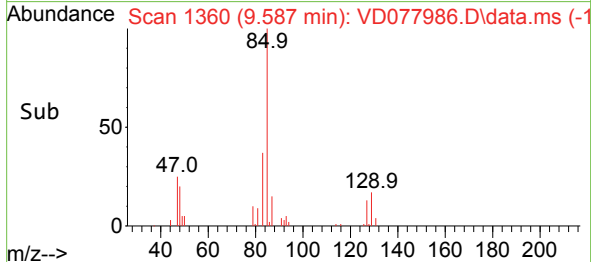
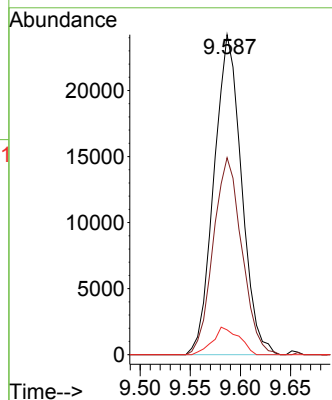
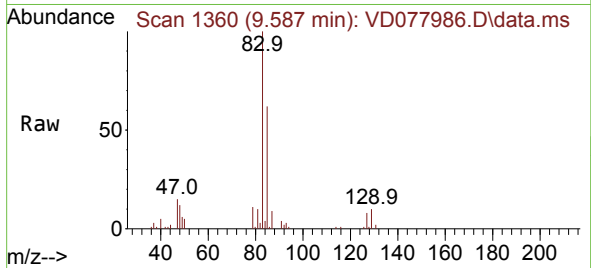




#47
Bromodichloromethane
Concen: 21.423 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

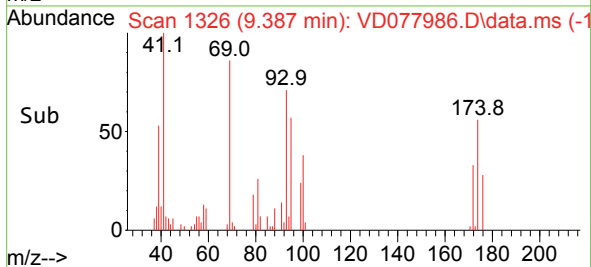
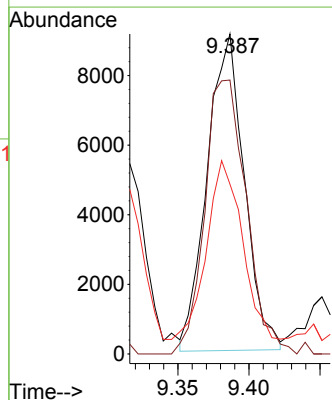
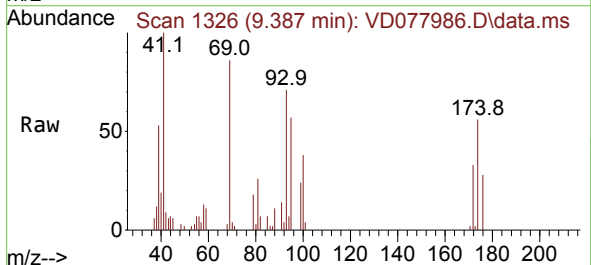
Instrument :
MSVOA_D
ClientSampleId :

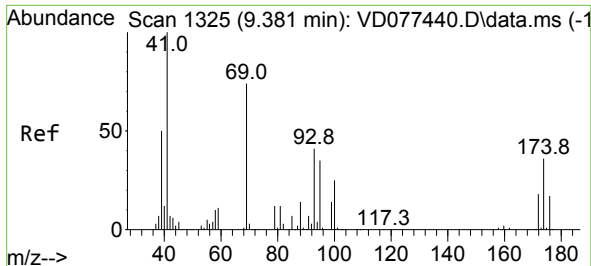
Tgt Ion: 83 Resp: 46249
Ion Ratio Lower Upper
83 100
85 61.5 50.2 75.4
127 7.7 6.3 9.5



#48
Methyl methacrylate
Concen: 18.001 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 41 Resp: 16548
Ion Ratio Lower Upper
41 100
69 96.6 102.2 153.2#
39 54.9 41.4 62.2





#49

1,4-Dioxane

Concen: 331.069 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.012 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :

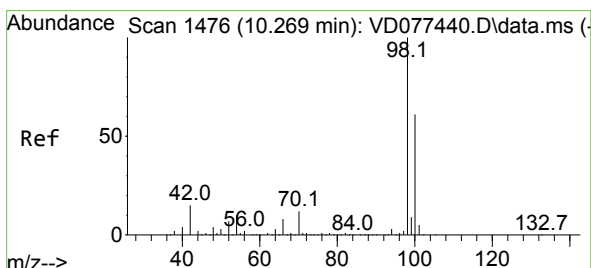
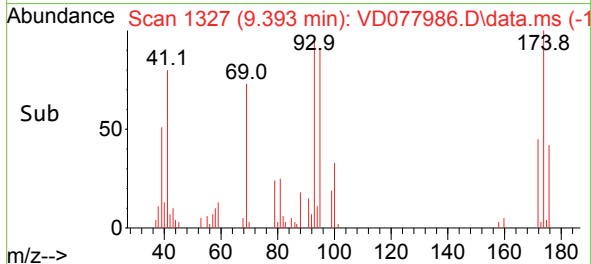
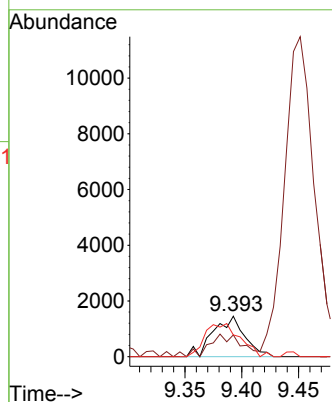
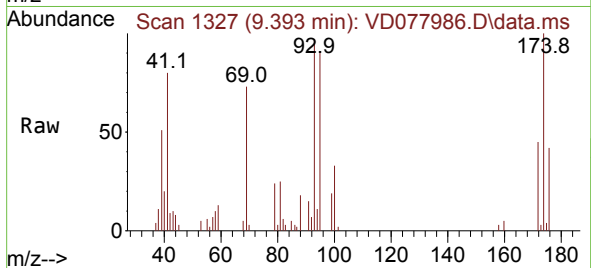
Tgt Ion: 88 Resp: 2800

Ion Ratio Lower Upper

88 100

43 59.2 19.0 28.6#

58 91.7 43.5 65.3#



#50

Toluene-d8

Concen: 44.099 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD077986.D

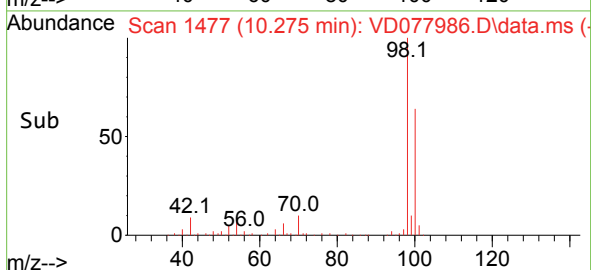
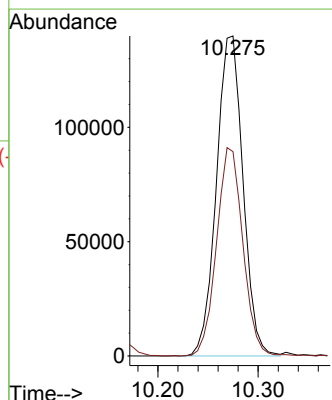
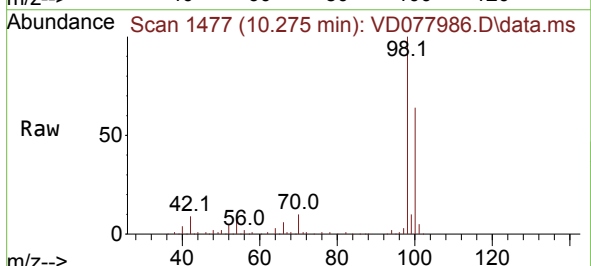
Acq: 20 Dec 2023 10:40

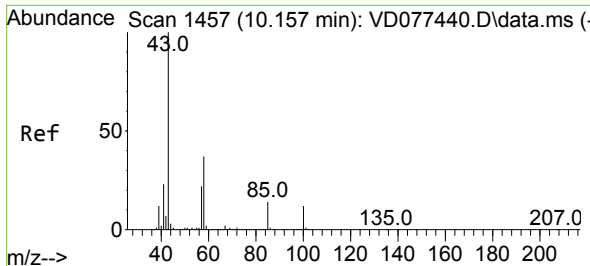
Tgt Ion: 98 Resp: 257621

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5





#51

4-Methyl-2-Pentanone

Concen: 93.102 ug/l

RT: 10.163 min Scan# 1458

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

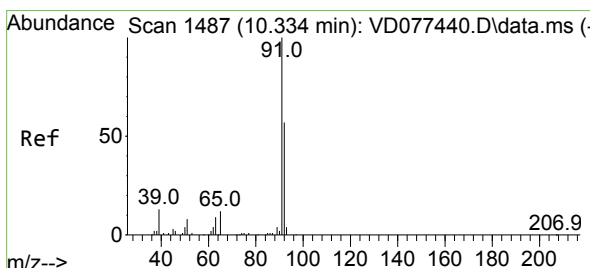
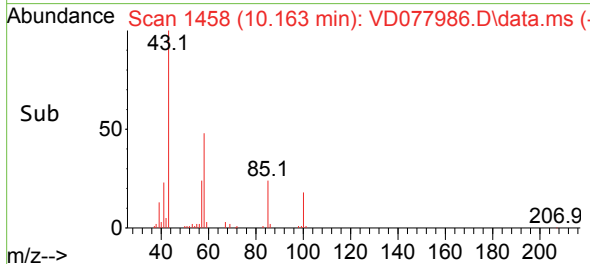
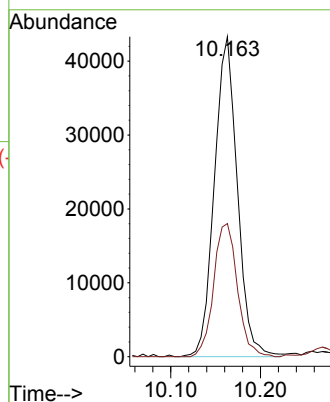
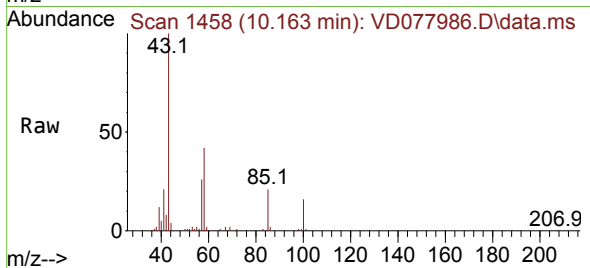
ClientSampleId :

Tgt Ion: 43 Resp: 76840

Ion Ratio Lower Upper

43 100

58 43.1 38.9 58.3



#52

Toluene

Concen: 19.742 ug/l

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077986.D

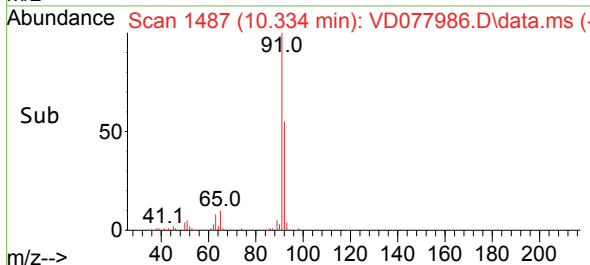
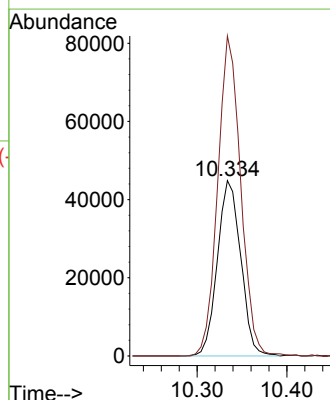
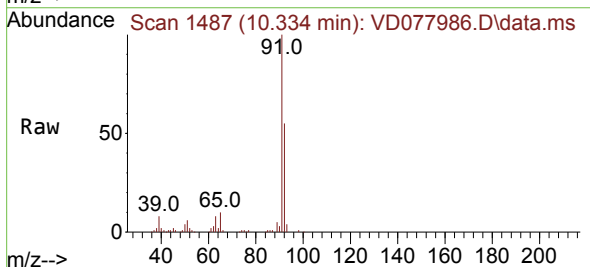
Acq: 20 Dec 2023 10:40

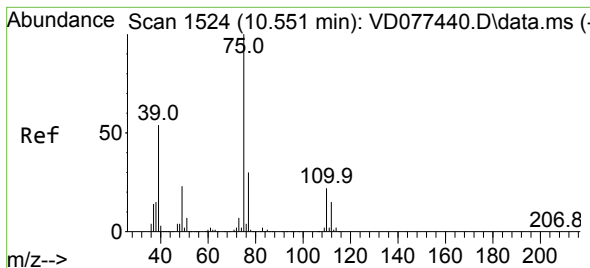
Tgt Ion: 92 Resp: 81093

Ion Ratio Lower Upper

92 100

91 179.5 143.0 214.4

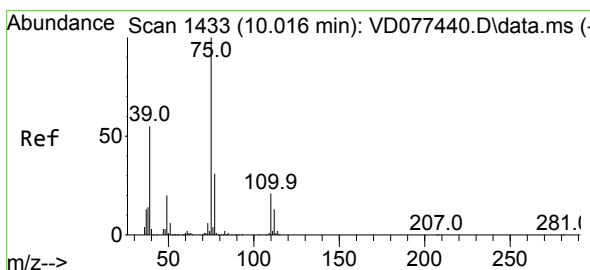
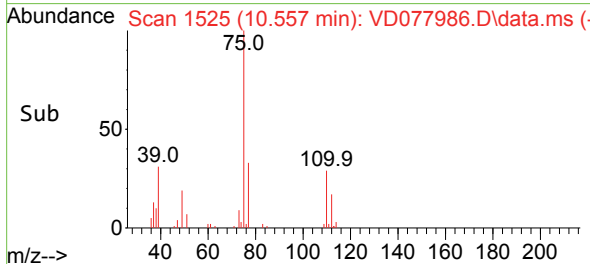
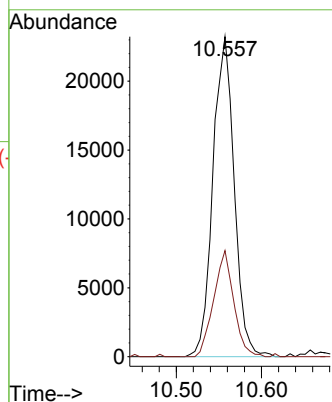
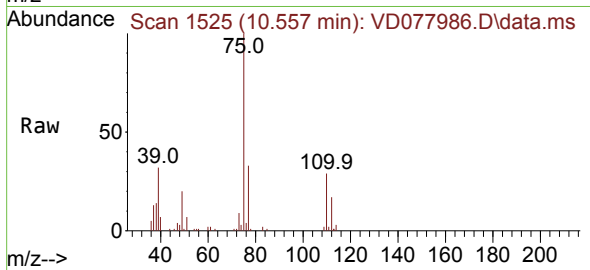




#53
 t-1,3-Dichloropropene
 Concen: 19.468 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

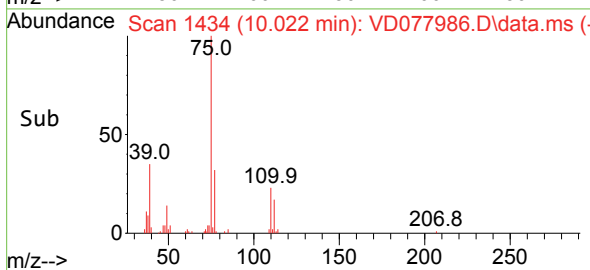
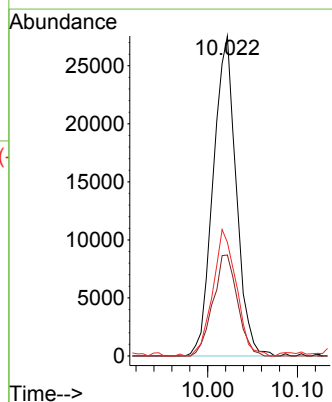
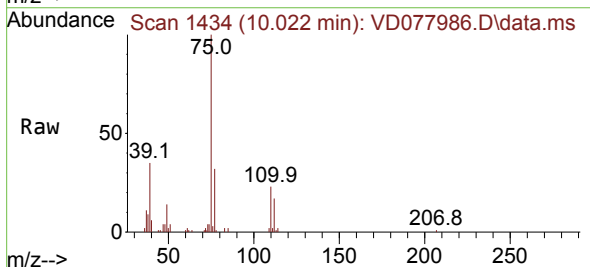
Instrument :
 MSVOA_D
 ClientSampleId :

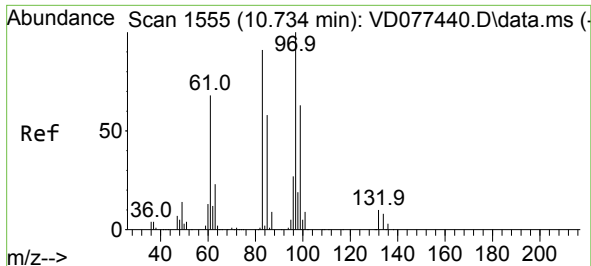
Tgt Ion: 75 Resp: 40360
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 19.550 ug/l
 RT: 10.022 min Scan# 1434
 Delta R.T. 0.006 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

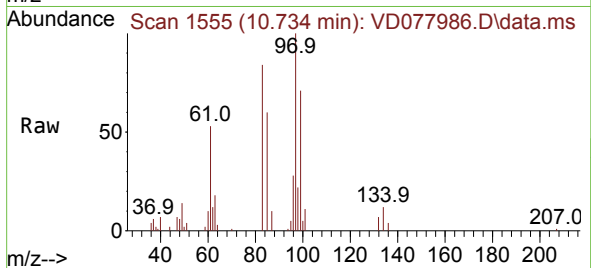
Tgt Ion: 75 Resp: 49003
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.5 38.3
 39 34.9 22.1 33.1#



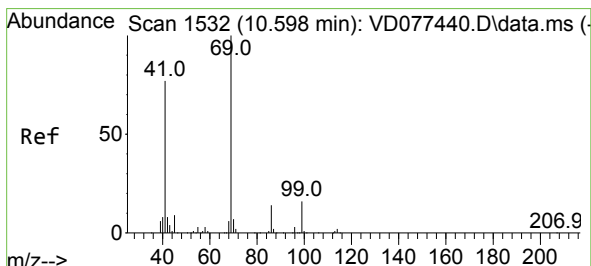
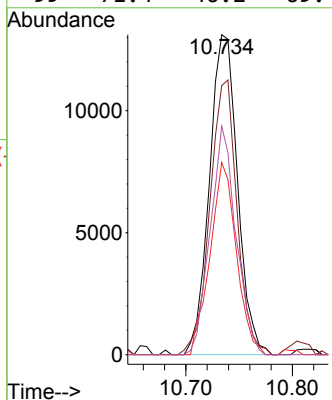
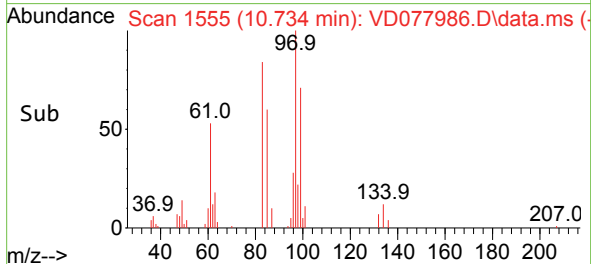


#55
1,1,2-Trichloroethane
Concen: 20.676 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

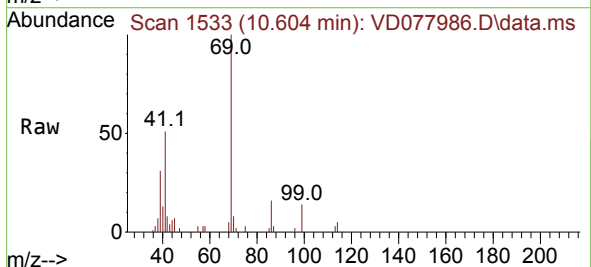
Instrument :
MSVOA_D
ClientSampleId :



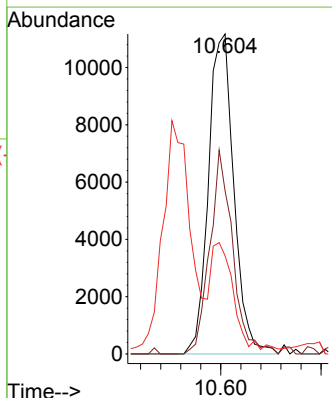
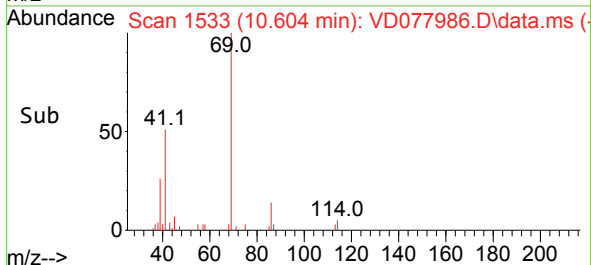
Tgt Ion:	97	Resp:	24088
Ion	Ratio	Lower	Upper
97	100		
83	84.1	65.8	98.6
85	60.1	45.7	68.5
99	71.4	46.2	69.4

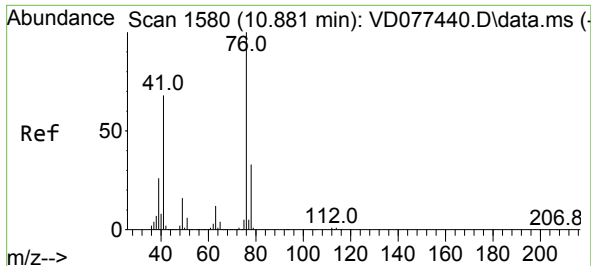


#56
Ethyl methacrylate
Concen: 19.149 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40



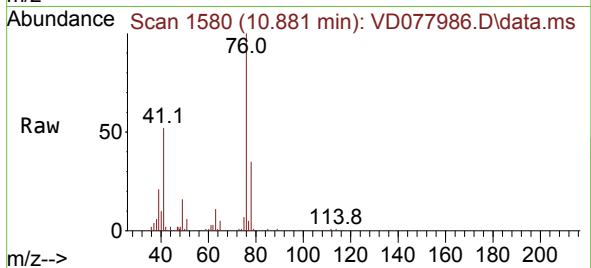
Tgt Ion:	69	Resp:	19666
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.1	58.7
39	31.5	20.0	30.0



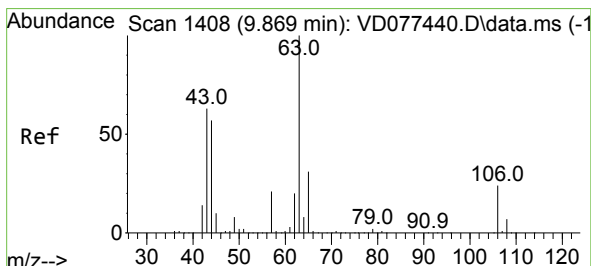
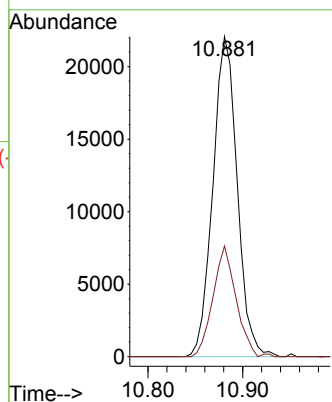
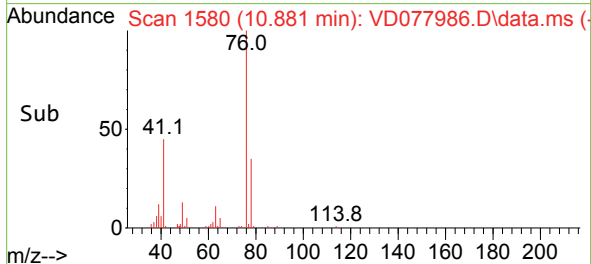


#57
1,3-Dichloropropane
Concen: 19.617 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

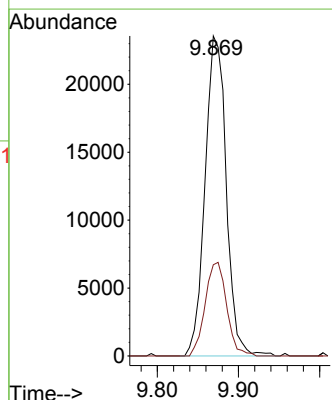
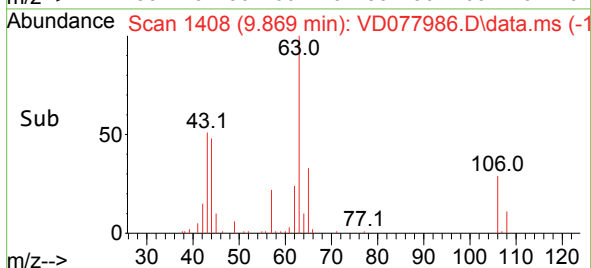
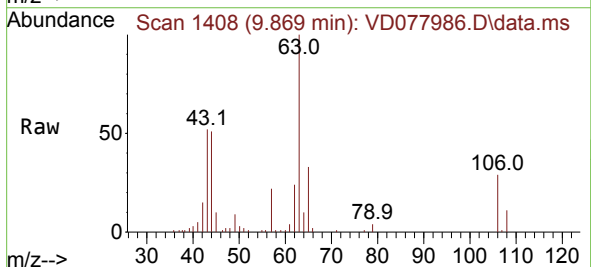


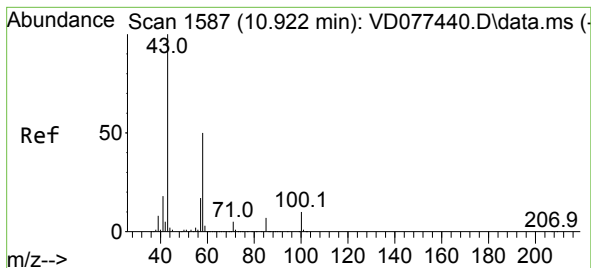
Tgt Ion: 76 Resp: 39396
Ion Ratio Lower Upper
76 100
78 32.9 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 72.855 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 63 Resp: 42670
Ion Ratio Lower Upper
63 100
106 29.7 25.3 37.9

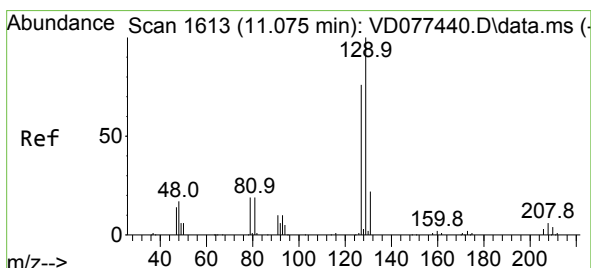
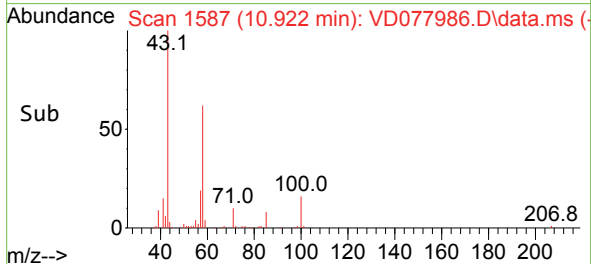
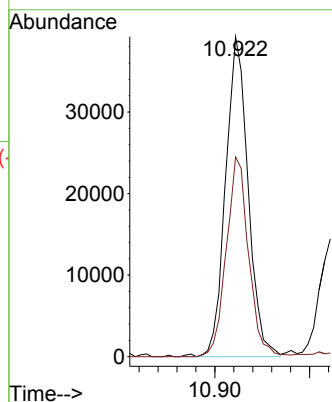
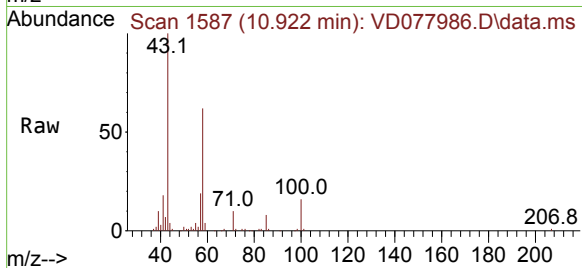




#59
2-Hexanone
Concen: 94.681 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

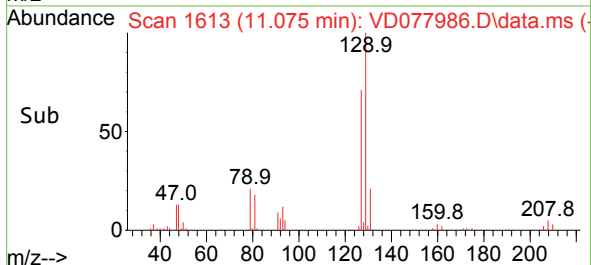
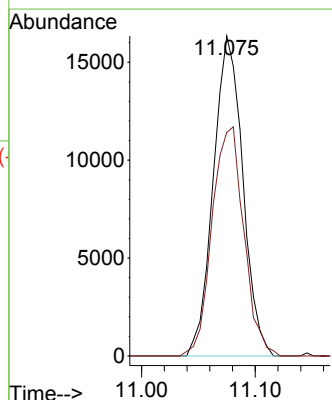
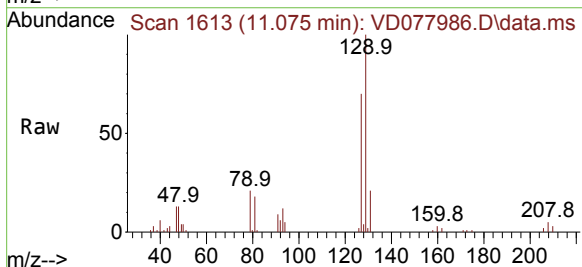
Instrument :
MSVOA_D
ClientSampleId :

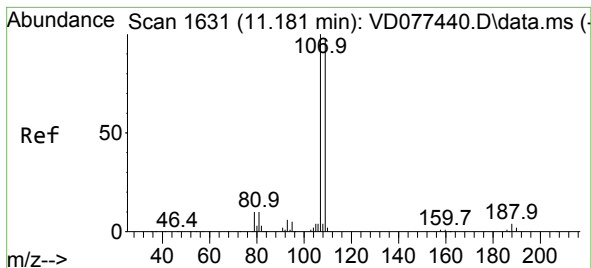
Tgt Ion: 43 Resp: 64831
Ion Ratio Lower Upper
43 100
58 61.9 34.1 102.2



#60
Dibromochloromethane
Concen: 20.959 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 129 Resp: 29399
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

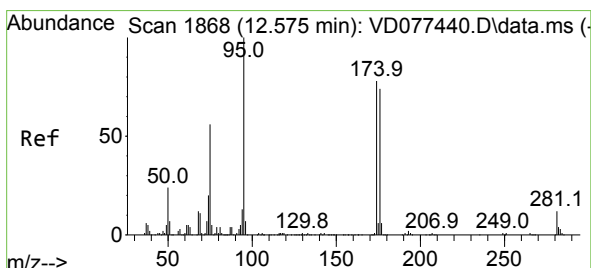
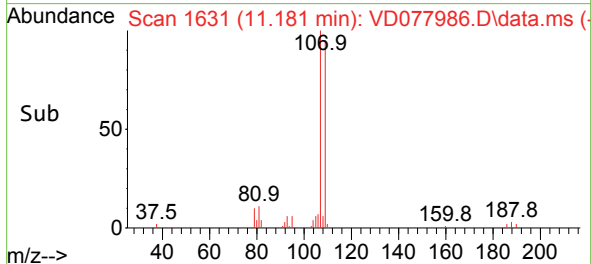
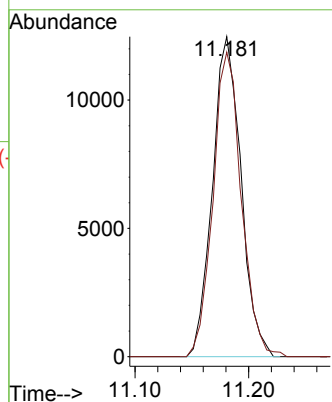
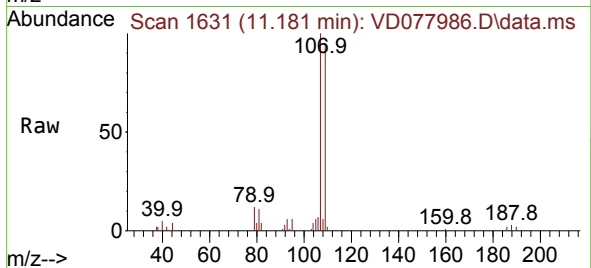




#61
1,2-Dibromoethane
Concen: 19.836 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

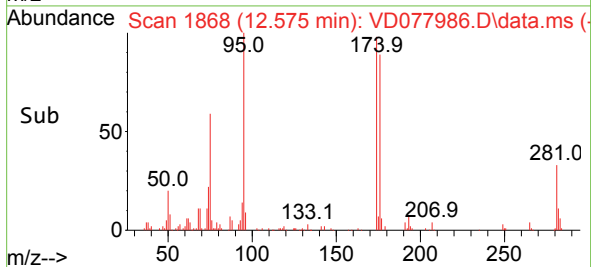
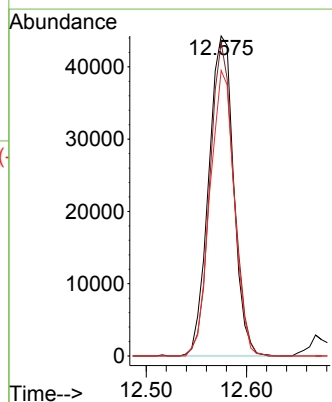
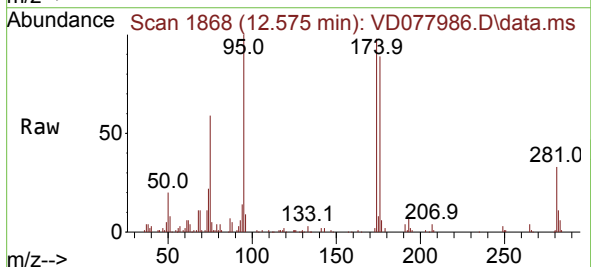
Instrument :
MSVOA_D
ClientSampleId :

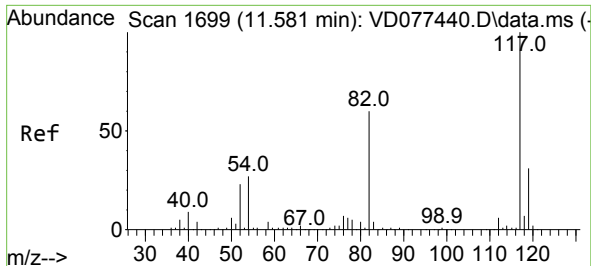
Tgt Ion:107 Resp: 21754
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 43.743 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 95 Resp: 76400
Ion Ratio Lower Upper
95 100
174 93.3 0.0 201.8
176 87.0 0.0 191.8

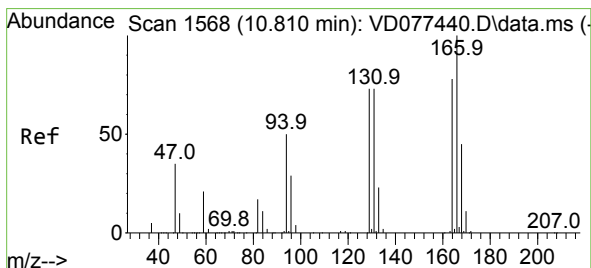
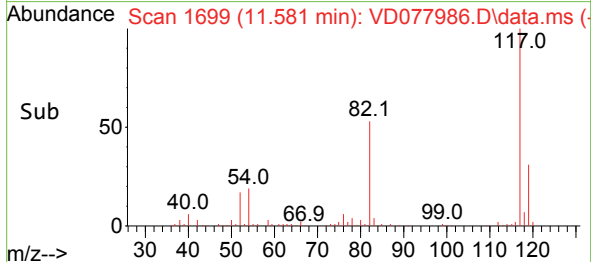
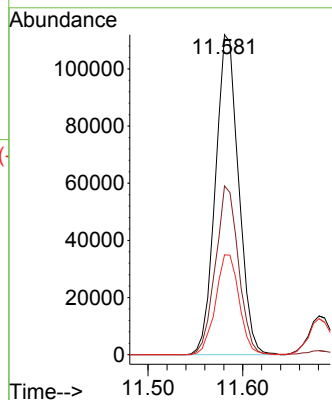
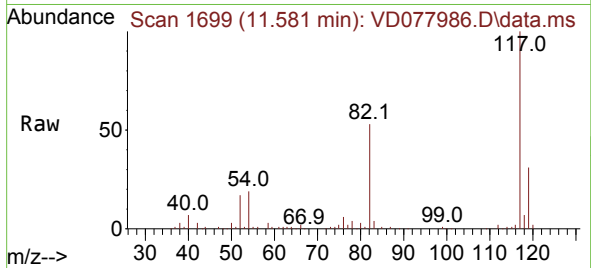




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

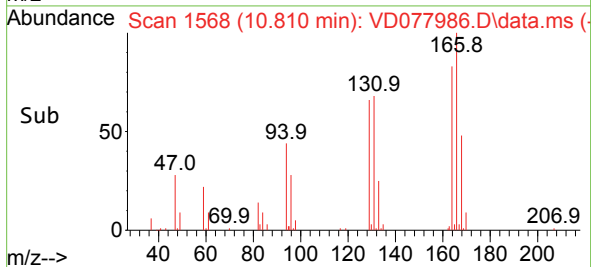
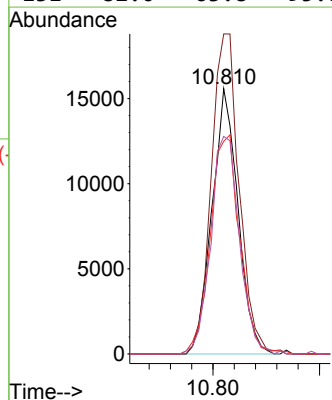
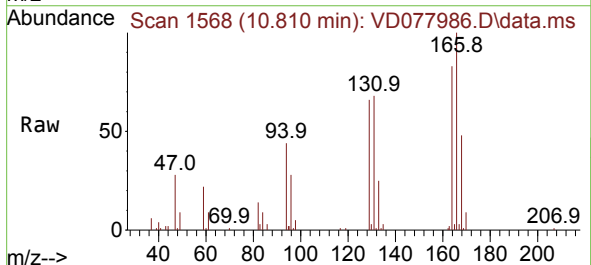
Instrument :
MSVOA_D
ClientSampleId :

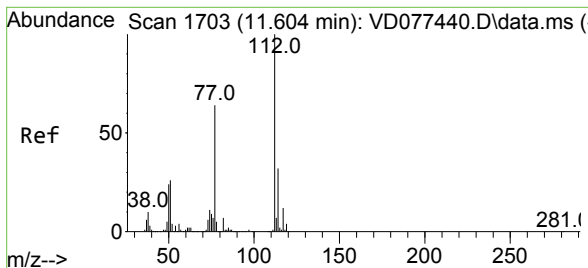
Tgt Ion:117 Resp: 190399
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 31.2 25.0 37.4



#64
Tetrachloroethene
Concen: 18.919 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:164 Resp: 26476
Ion Ratio Lower Upper
164 100
166 120.6 99.2 148.8
129 80.2 68.4 102.6
131 82.0 63.8 95.8





#65

Chlorobenzene

Concen: 18.163 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

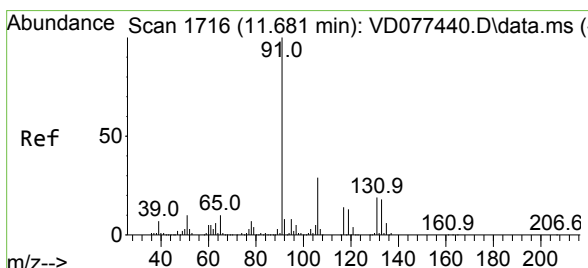
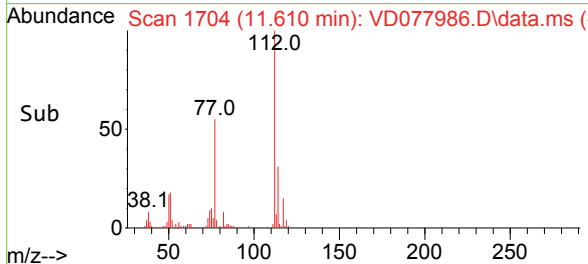
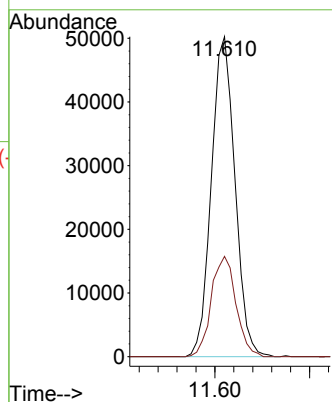
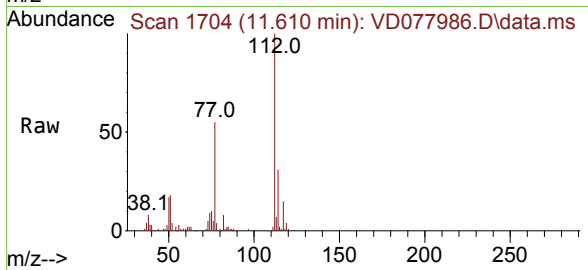
ClientSampleId :

Tgt Ion:112 Resp: 86829

Ion Ratio Lower Upper

112 100

114 31.3 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.423 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

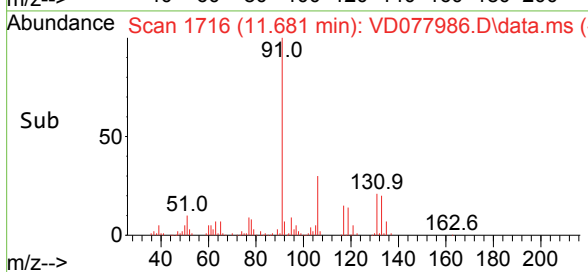
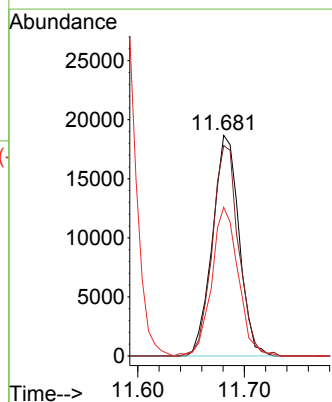
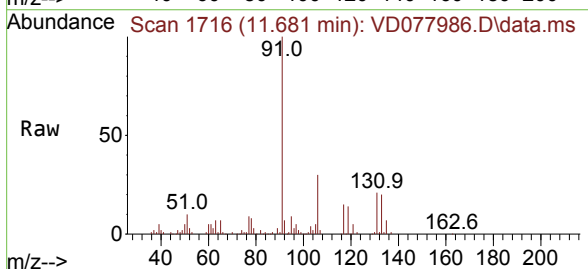
Tgt Ion:131 Resp: 32336

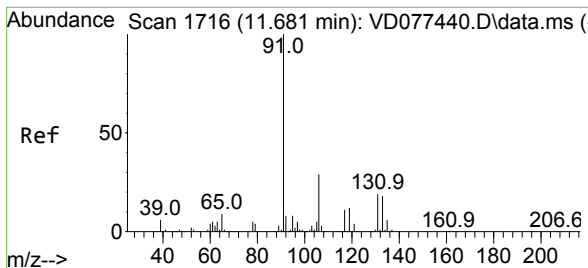
Ion Ratio Lower Upper

131 100

133 94.9 48.5 145.5

119 67.2 35.6 106.9





#67

Ethyl Benzene

Concen: 19.296 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

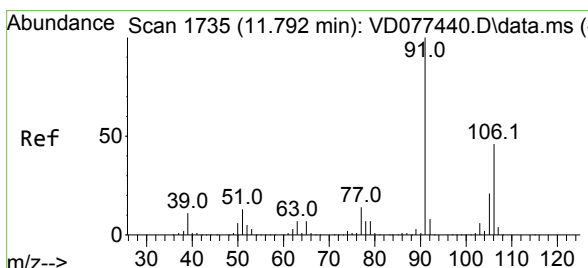
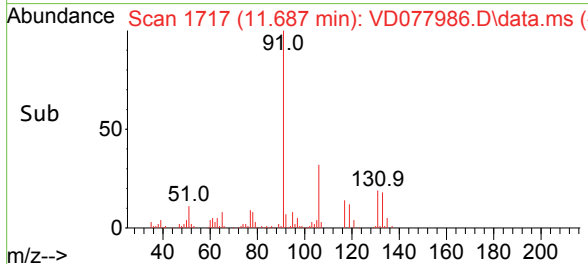
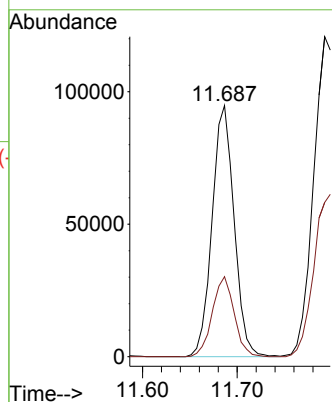
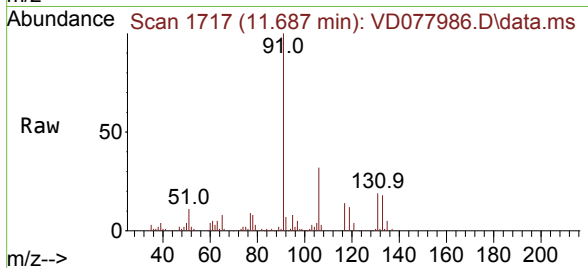
ClientSampleId :

Tgt Ion: 91 Resp: 152954

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 39.022 ug/l

RT: 11.798 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD077986.D

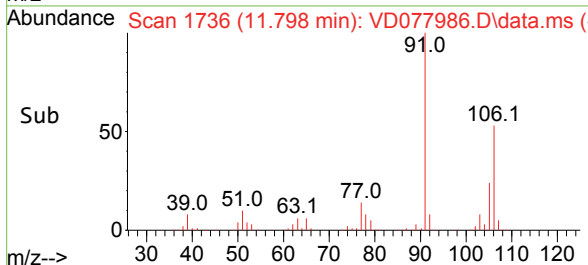
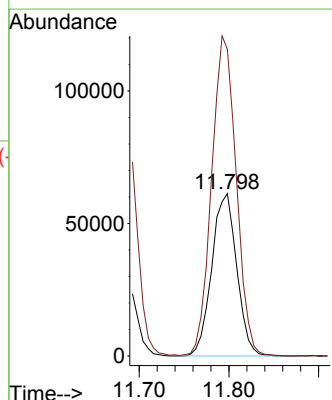
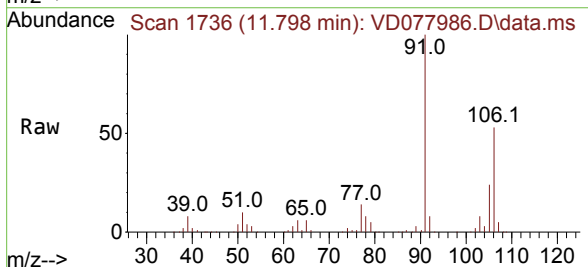
Acq: 20 Dec 2023 10:40

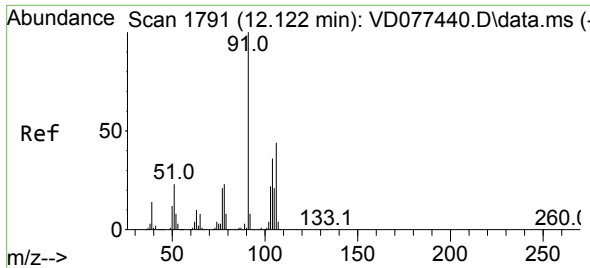
Tgt Ion:106 Resp: 118318

Ion Ratio Lower Upper

106 100

91 194.7 147.0 220.6

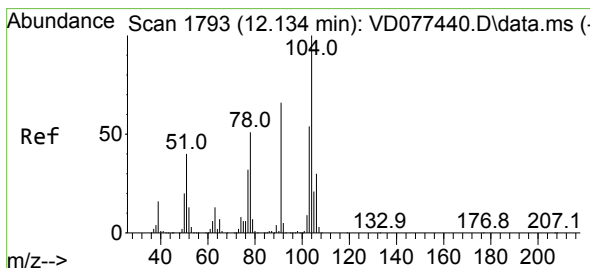
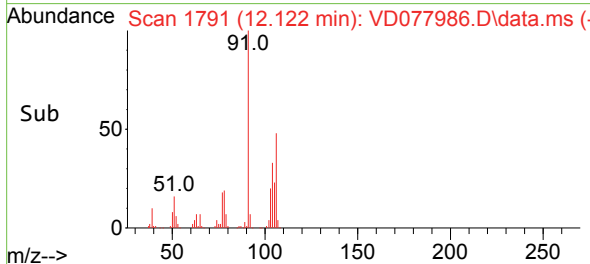
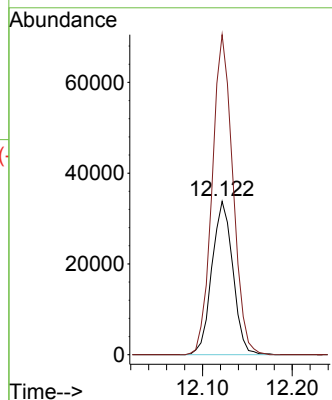
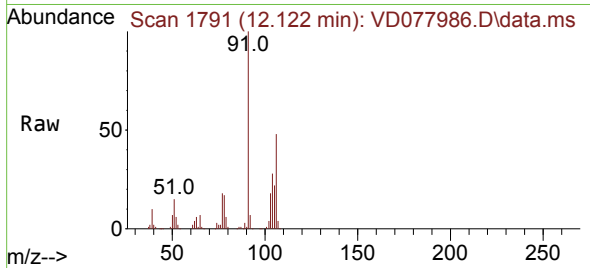




#69
o-Xylene
Concen: 19.617 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

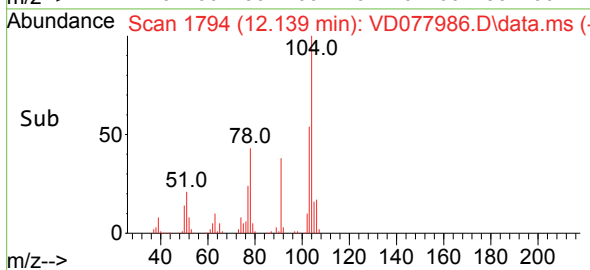
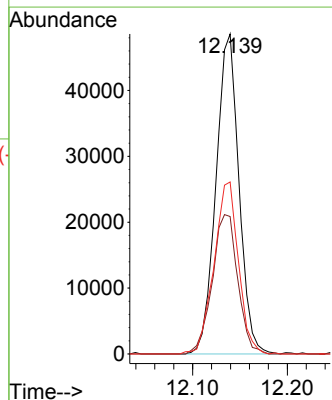
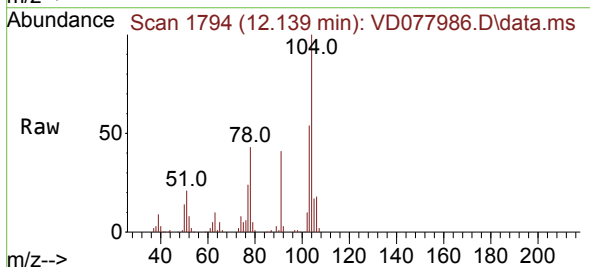
Instrument :
MSVOA_D
ClientSampleId :

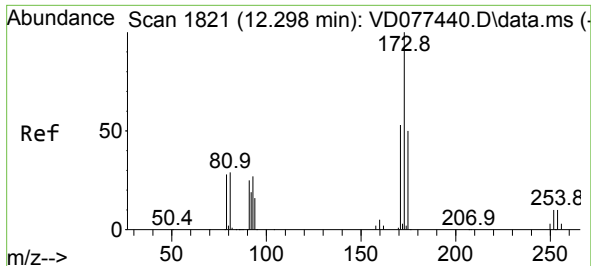
Tgt Ion:106 Resp: 54817
Ion Ratio Lower Upper
106 100
91 206.6 97.9 293.6



#70
Styrene
Concen: 19.677 ug/l
RT: 12.139 min Scan# 1794
Delta R.T. 0.005 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

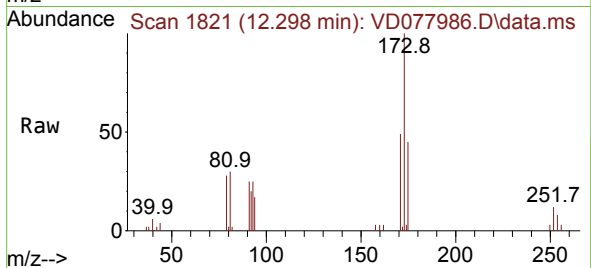
Tgt Ion:104 Resp: 81760
Ion Ratio Lower Upper
104 100
78 48.4 33.2 49.8
103 57.1 43.6 65.4



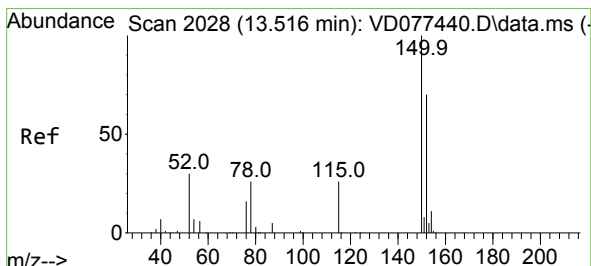
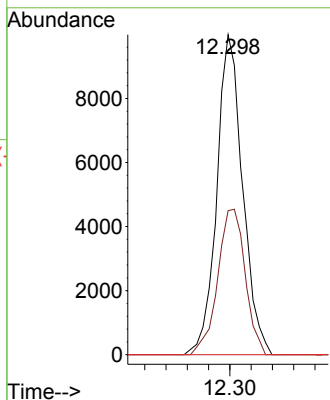
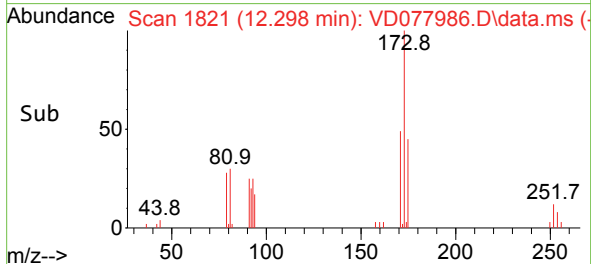


#71
Bromoform
Concen: 20.271 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

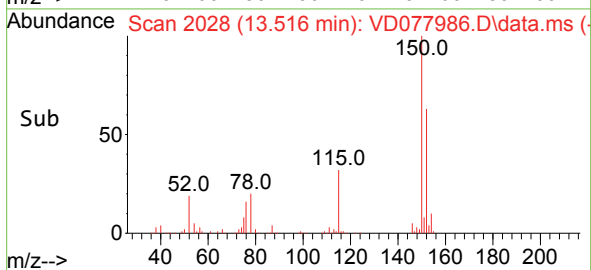
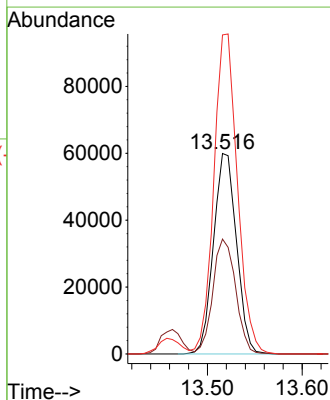
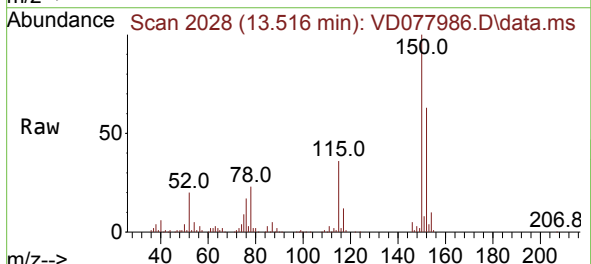


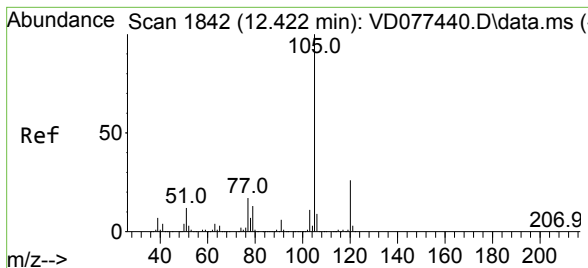
Tgt Ion:173 Resp: 16770
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:152 Resp: 101331
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 163.7 0.0 353.6





#73

Isopropylbenzene

Concen: 19.064 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

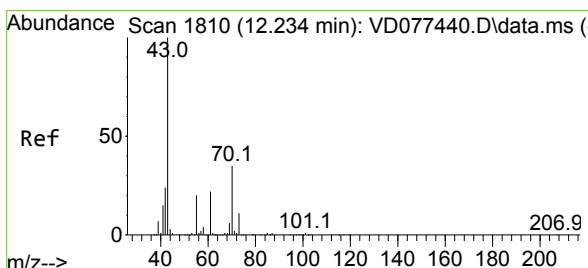
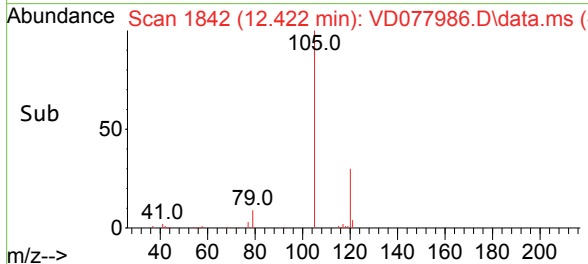
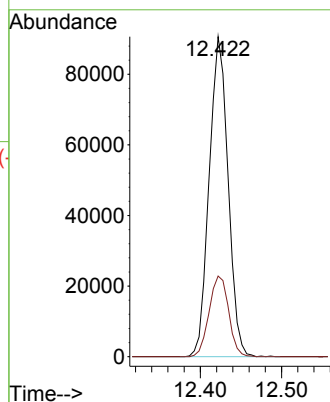
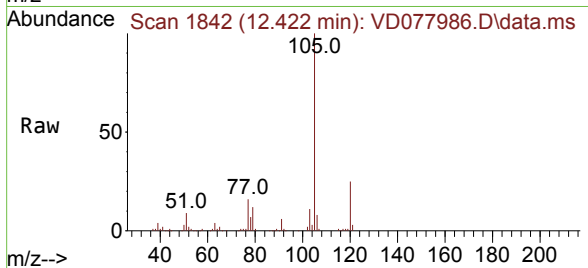
ClientSampleId :

Tgt Ion:105 Resp: 146412

Ion Ratio Lower Upper

105 100

120 26.0 14.3 42.9



#74

N-ethyl acetate

Concen: 17.701 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Tgt Ion: 43 Resp: 26723

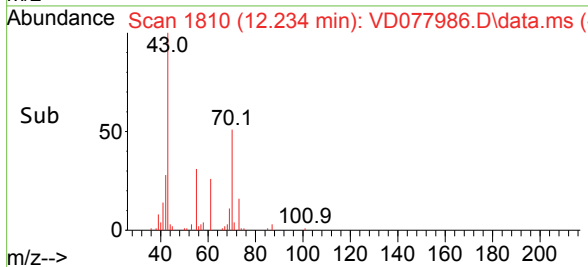
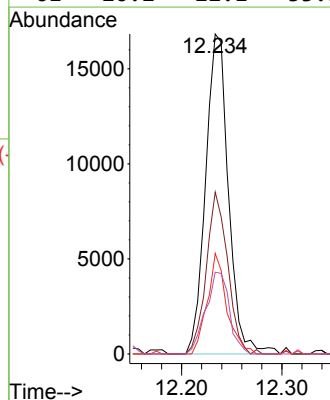
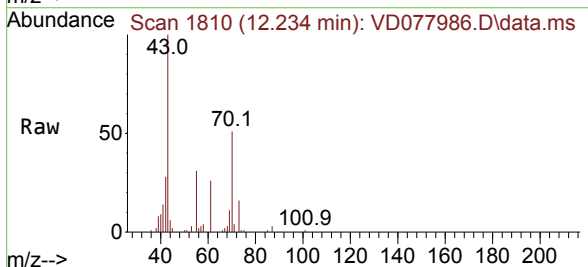
Ion Ratio Lower Upper

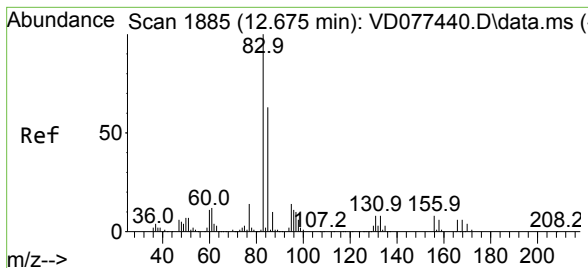
43 100

70 47.3 45.0 67.4

55 27.0 23.8 35.6

61 26.2 22.1 33.1

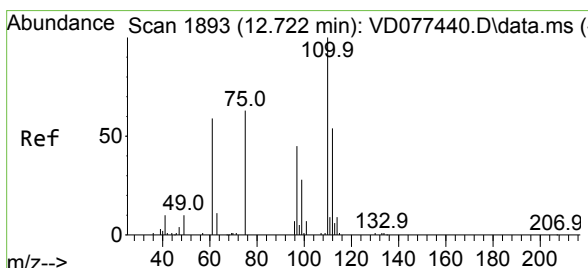
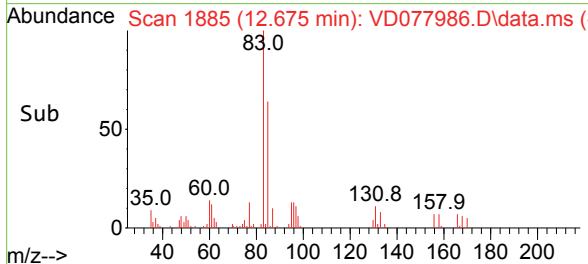
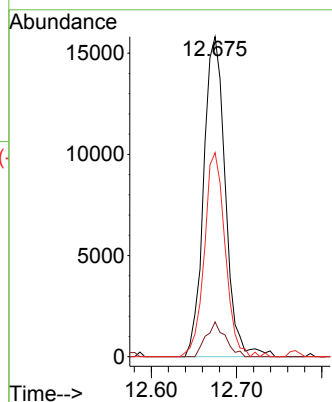
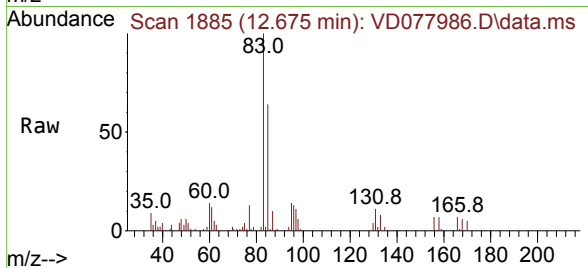




#75
1,1,2,2-Tetrachloroethane
Concen: 20.826 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

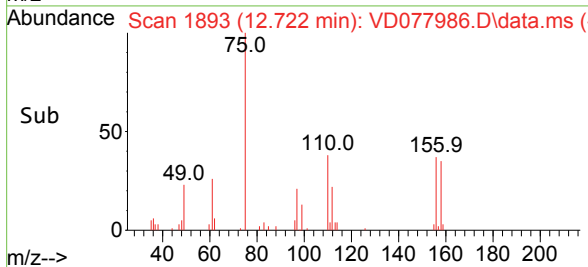
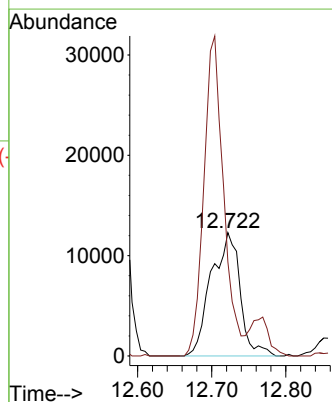
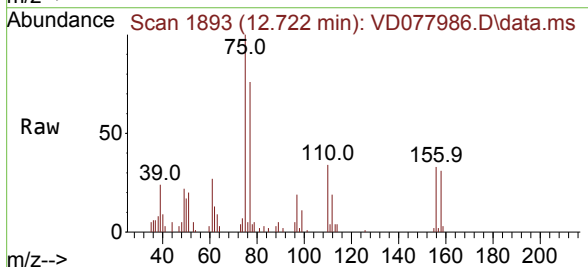
Instrument :
MSVOA_D
ClientSampleId :

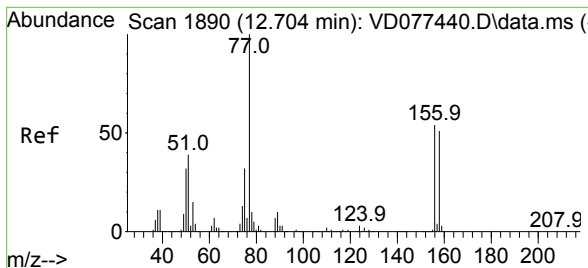
Tgt Ion: 83 Resp: 27888
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 61.5 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 37.934 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 75 Resp: 33384
Ion Ratio Lower Upper
75 100
77 178.2 0.0 0.0#

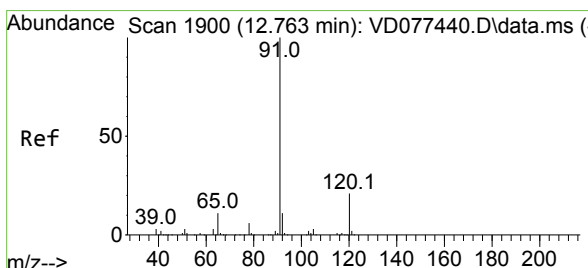
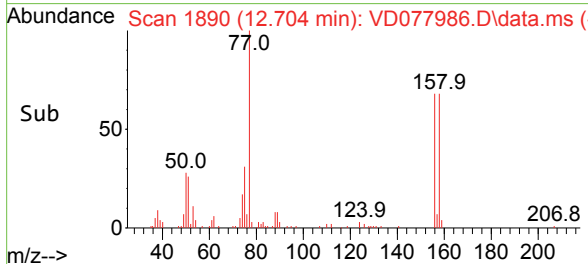
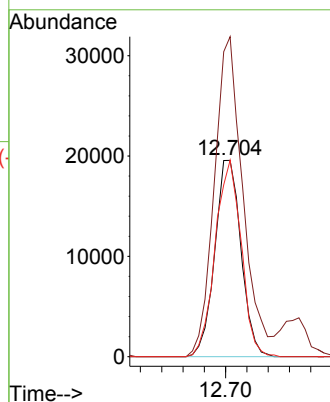
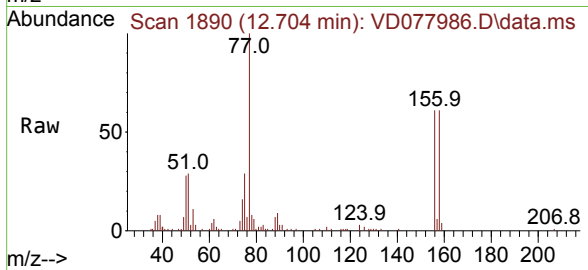




#77
Bromobenzene
Concen: 18.509 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

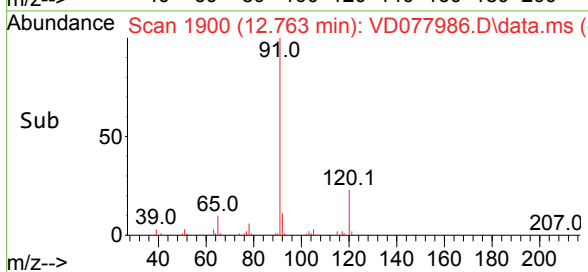
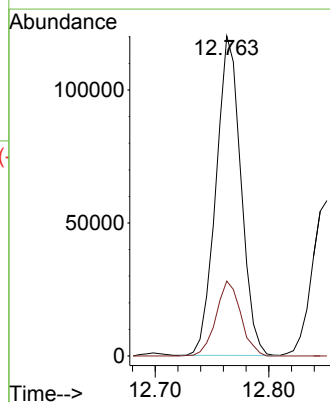
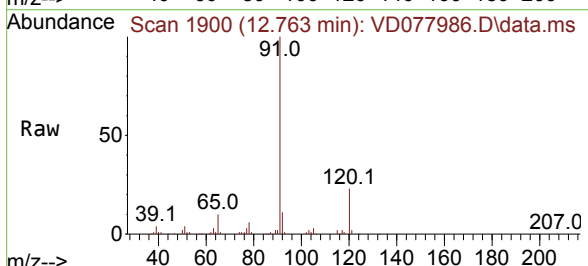
Instrument :
MSVOA_D
ClientSampleId :

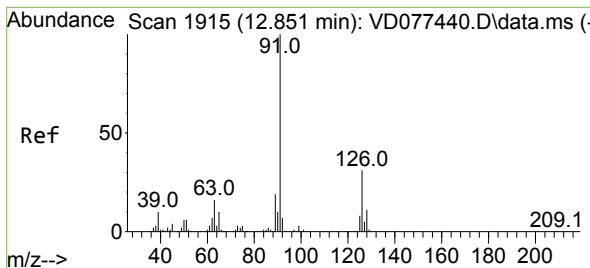
Tgt Ion	Ratio	Lower	Upper
156	100		
77	178.0	76.8	230.4
158	99.1	48.6	145.9



#78
n-propylbenzene
Concen: 19.586 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	12.4	37.2





#79

2-Chlorotoluene

Concen: 19.862 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

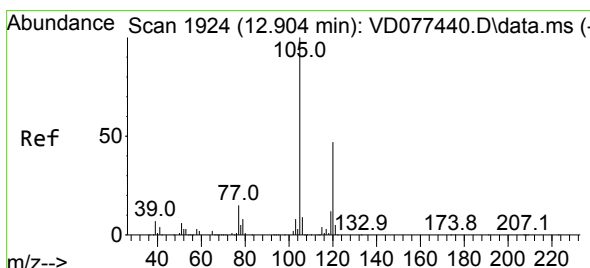
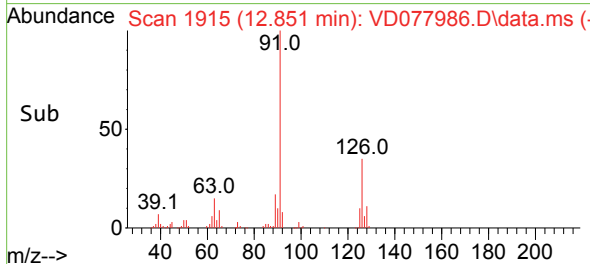
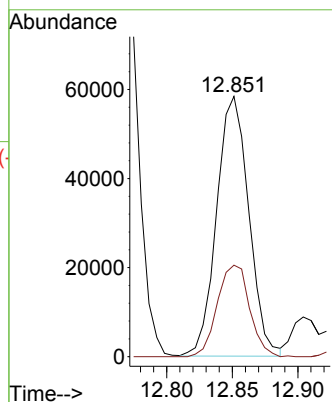
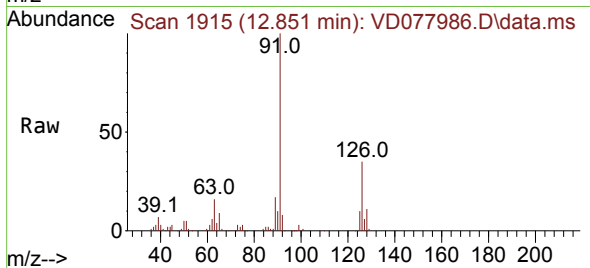
ClientSampleId :

Tgt Ion: 91 Resp: 99614

Ion Ratio Lower Upper

91 100

126 35.3 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 19.232 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077986.D

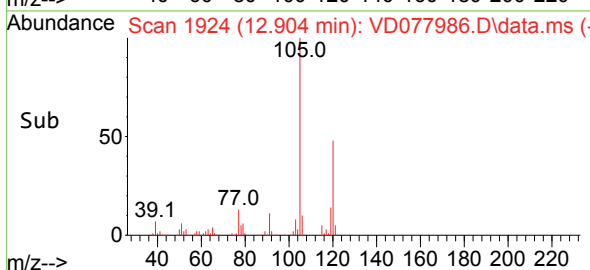
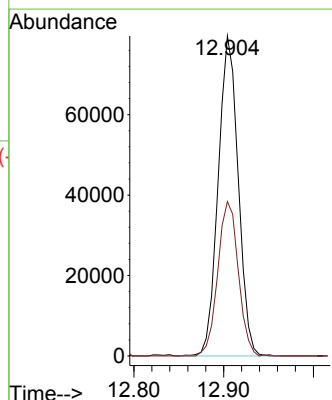
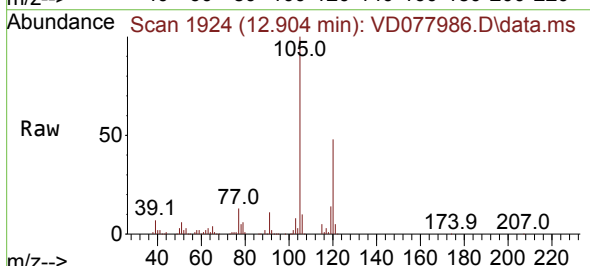
Acq: 20 Dec 2023 10:40

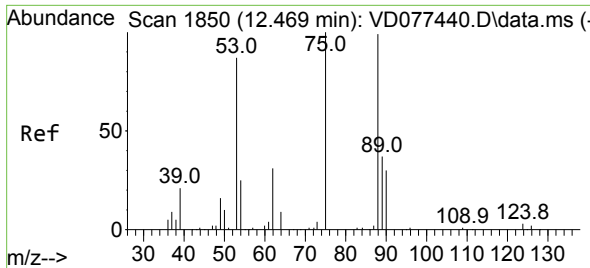
Tgt Ion: 105 Resp: 123187

Ion Ratio Lower Upper

105 100

120 49.5 26.4 79.2

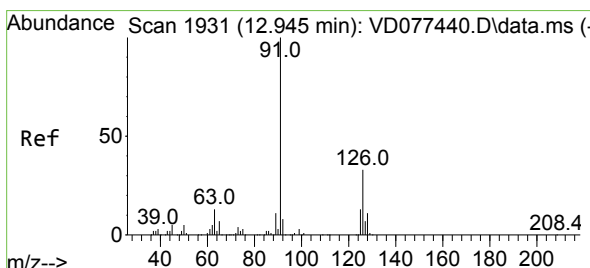
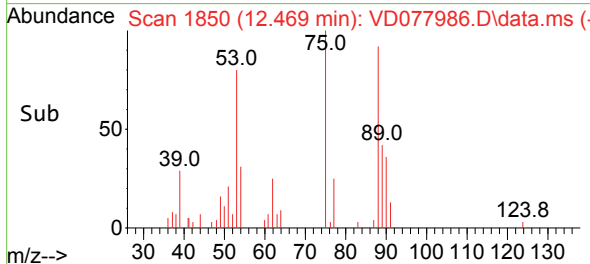
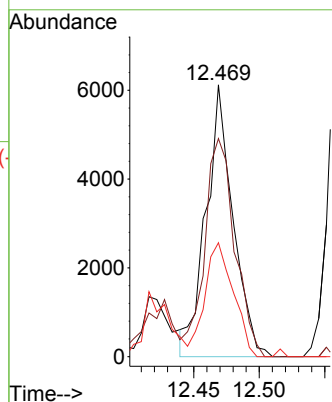
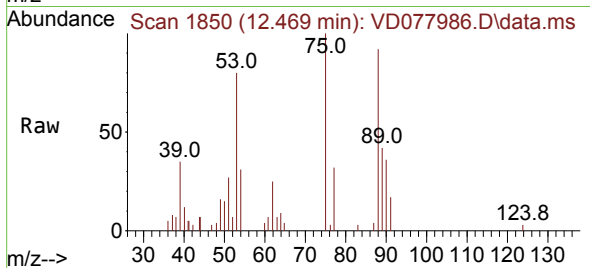




#81
trans-1,4-Dichloro-2-butene
Concen: 20.213 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

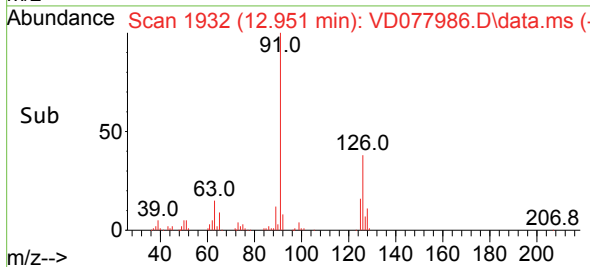
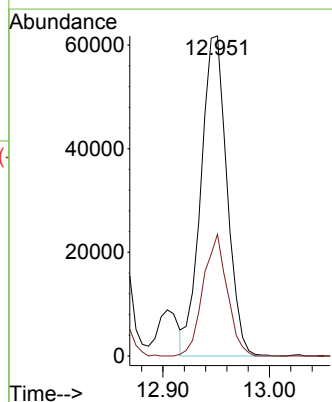
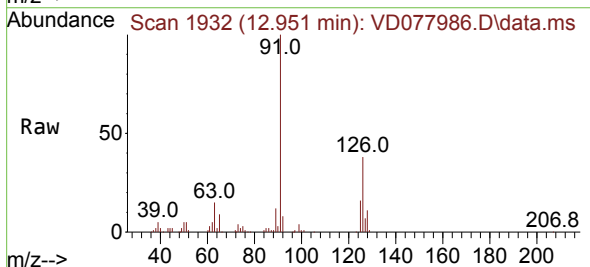
Instrument :
MSVOA_D
ClientSampleId :

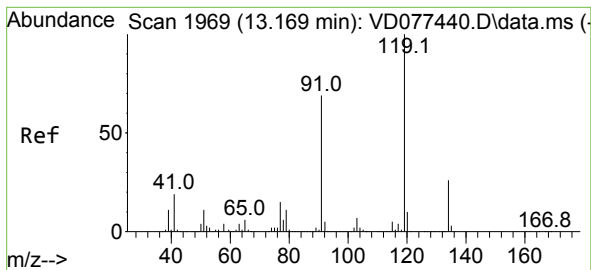
Tgt Ion: 75 Resp: 8780
Ion Ratio Lower Upper
75 100
53 89.7 63.0 94.4
89 44.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.051 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 91 Resp: 105126
Ion Ratio Lower Upper
91 100
126 35.1 19.4 58.4

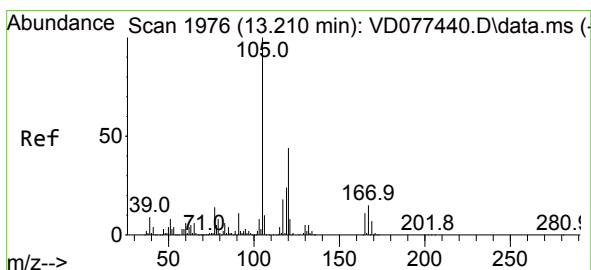
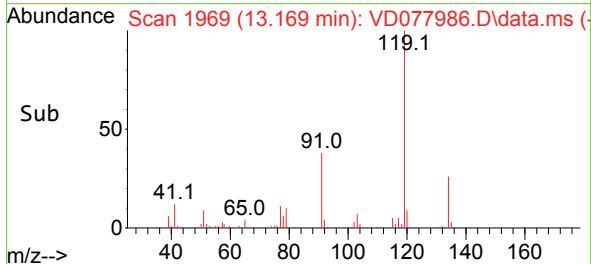
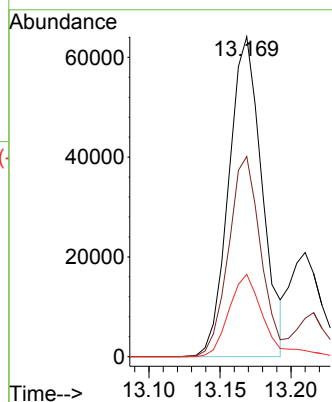
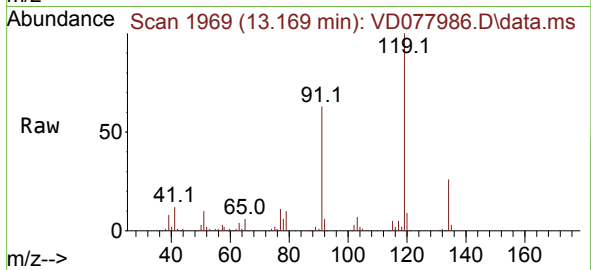




#83
tert-Butylbenzene
Concen: 19.351 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

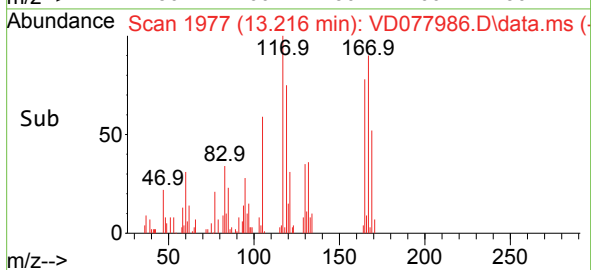
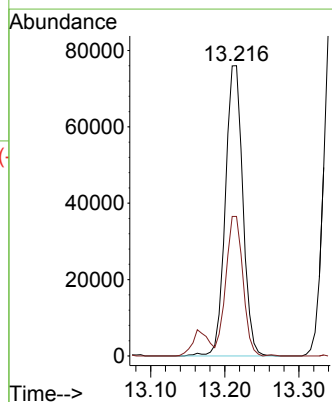
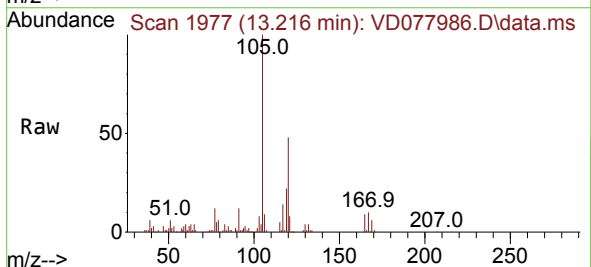
Instrument :
MSVOA_D
ClientSampleId :

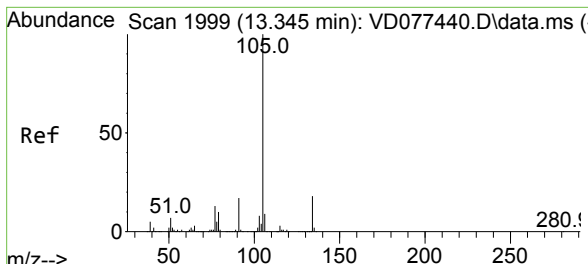
Tgt Ion:119 Resp: 104642
Ion Ratio Lower Upper
119 100
91 61.6 29.3 87.8
134 26.9 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 19.423 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:105 Resp: 124433
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9

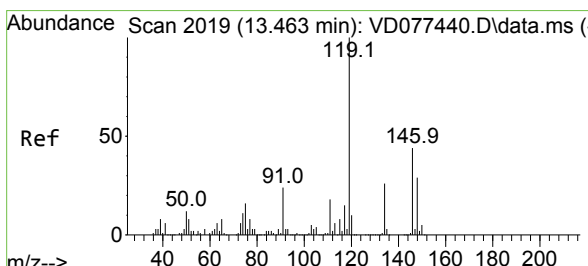
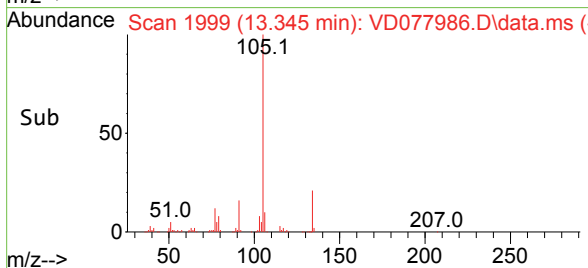
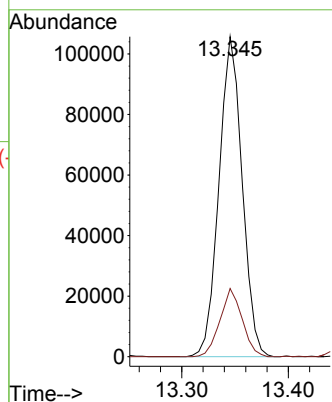
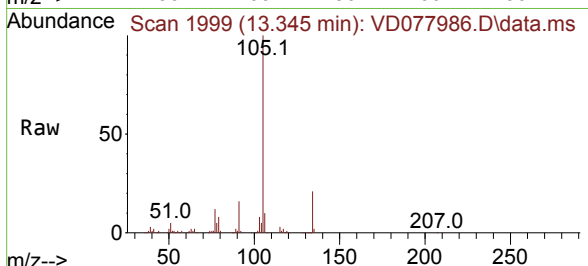




#85
 sec-Butylbenzene
 Concen: 19.968 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

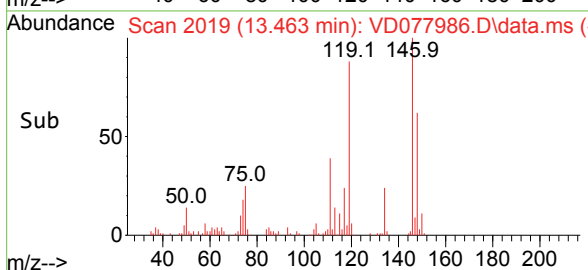
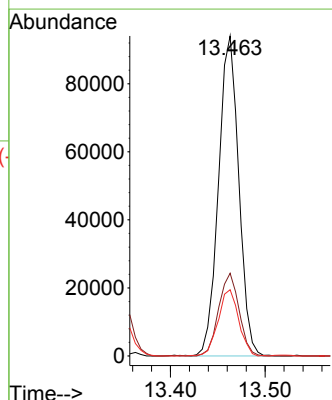
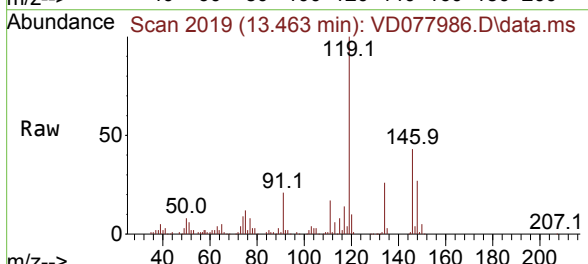
Instrument :
 MSVOA_D
 ClientSampleId :

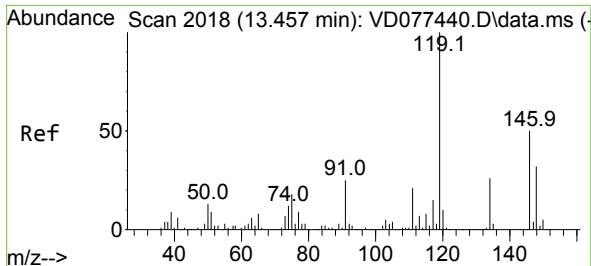
Tgt Ion:105 Resp: 159613
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.566 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

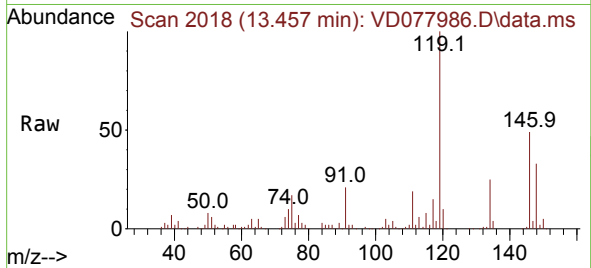
Tgt Ion:119 Resp: 140026
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 21.1 10.5 31.5



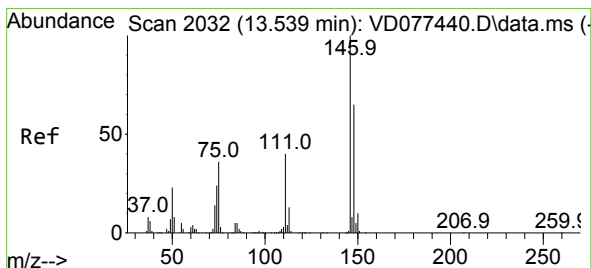
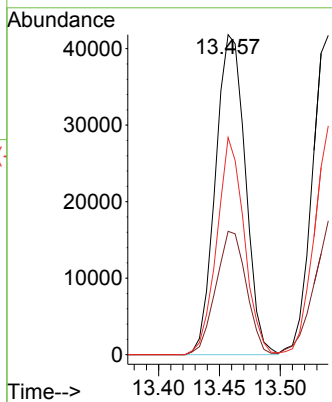
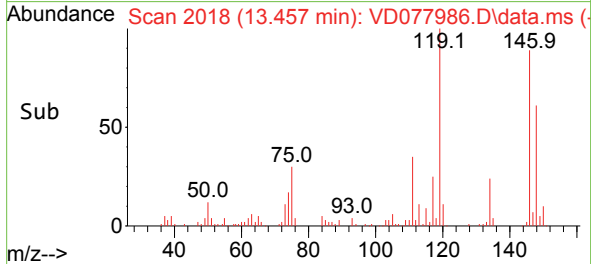


#87
 1,3-Dichlorobenzene
 Concen: 19.321 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

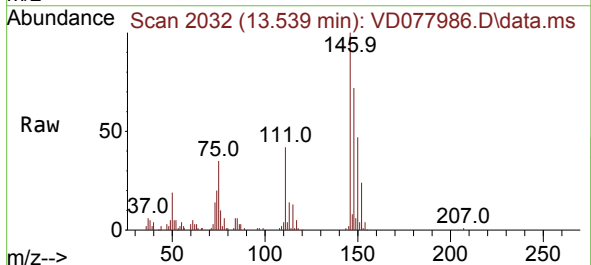
Instrument :
 MSVOA_D
 ClientSampleId :



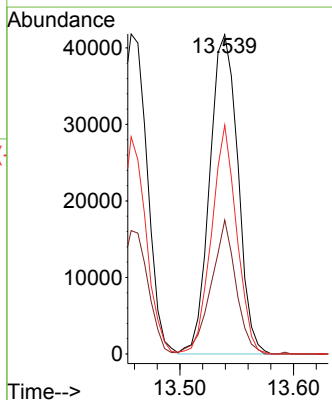
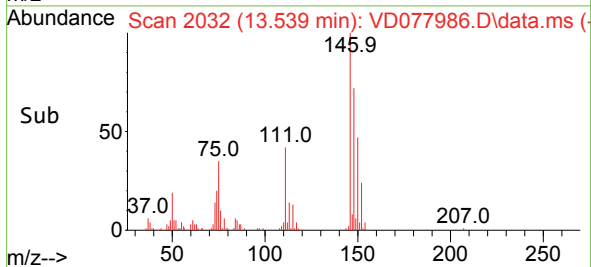
Tgt Ion:146 Resp: 71374
 Ion Ratio Lower Upper
 146 100
 111 39.5 17.9 53.8
 148 62.5 32.3 96.8

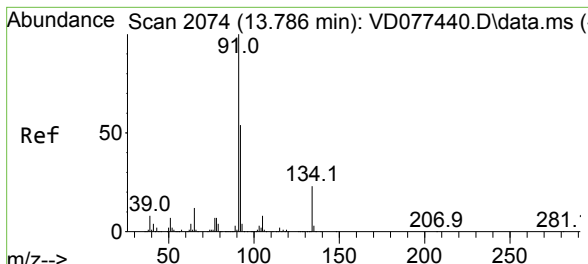


#88
 1,4-Dichlorobenzene
 Concen: 18.502 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40



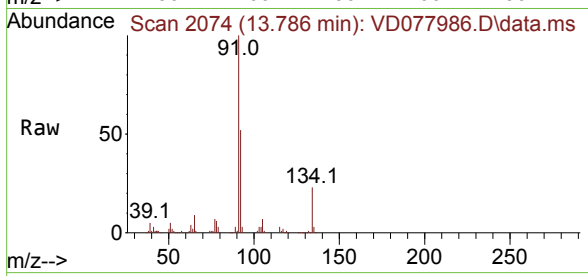
Tgt Ion:146 Resp: 71950
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.4 52.3
 148 63.9 31.7 95.1





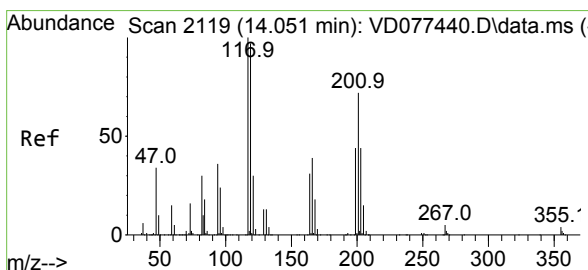
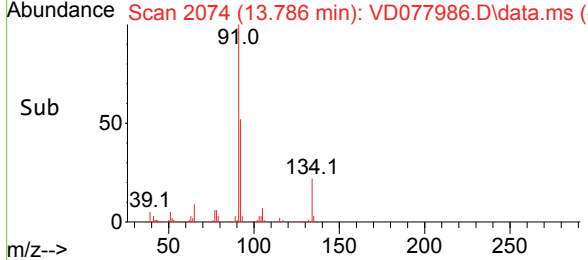
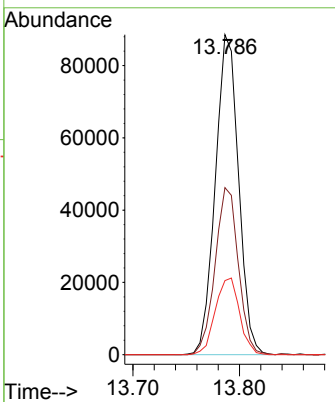
#89
 n-Butylbenzene
 Concen: 19.919 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 91 Resp: 134139

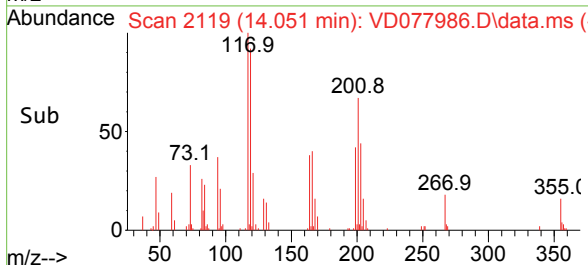
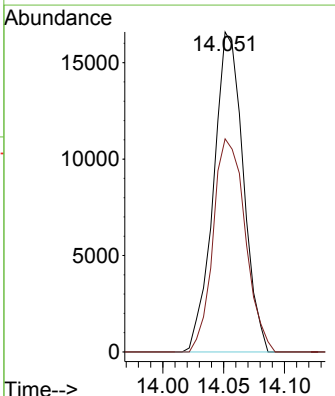
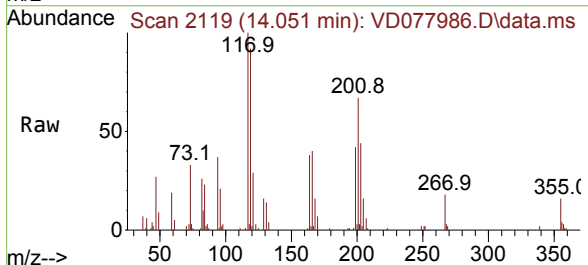
Ion	Ratio	Lower	Upper
91	100		
92	52.3	26.5	79.5
134	24.9	13.8	41.3

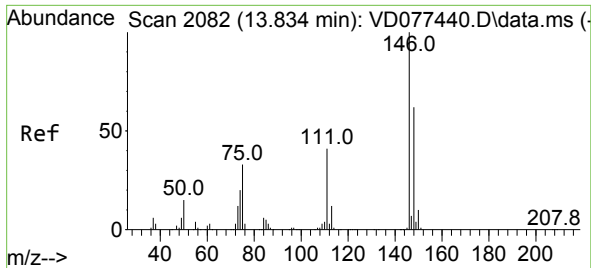


#90
 Hexachloroethane
 Concen: 21.413 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD077986.D
 Acq: 20 Dec 2023 10:40

Tgt Ion: 117 Resp: 28183

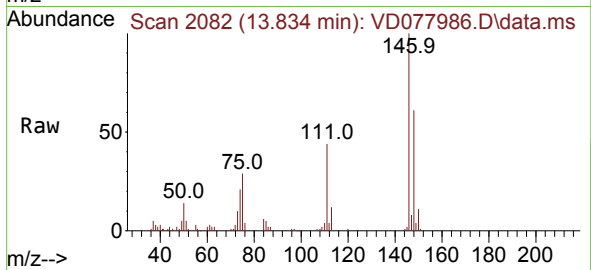
Ion	Ratio	Lower	Upper
117	100		
201	71.9	38.5	115.5



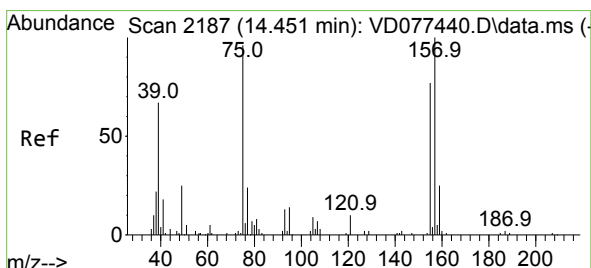
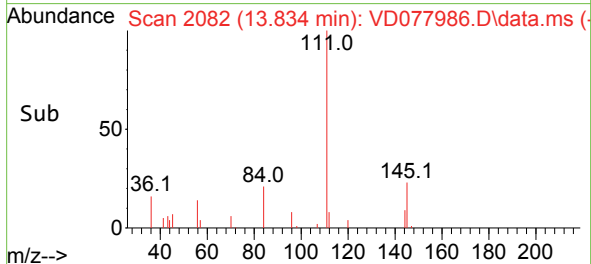
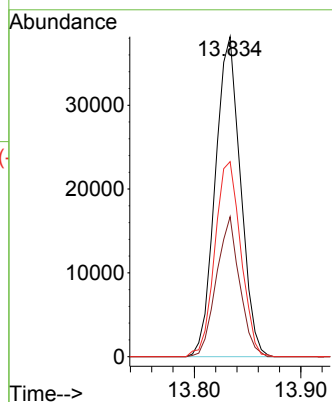


#91
1,2-Dichlorobenzene
Concen: 19.978 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

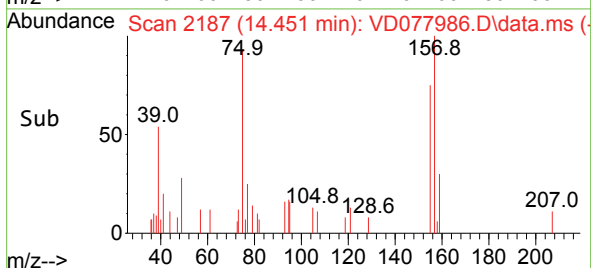
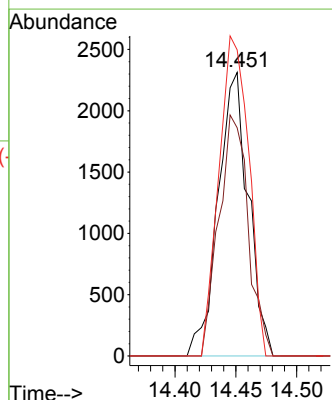
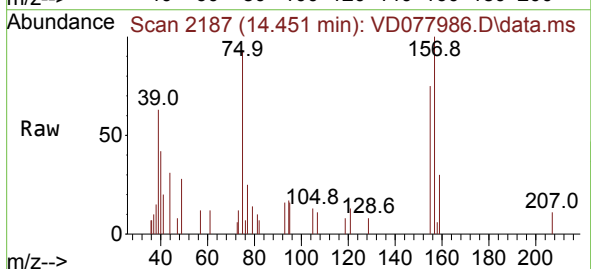


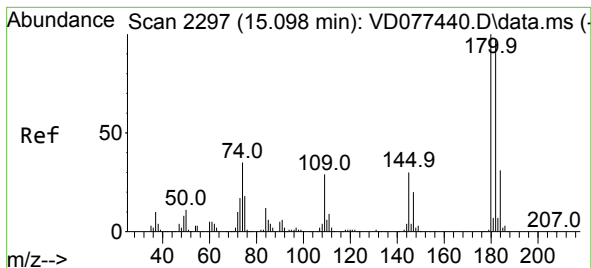
Tgt Ion:146 Resp: 62765
Ion Ratio Lower Upper
146 100
111 40.4 18.3 54.8
148 62.7 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.065 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion: 75 Resp: 4006
Ion Ratio Lower Upper
75 100
155 82.3 47.9 143.8
157 111.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.899 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

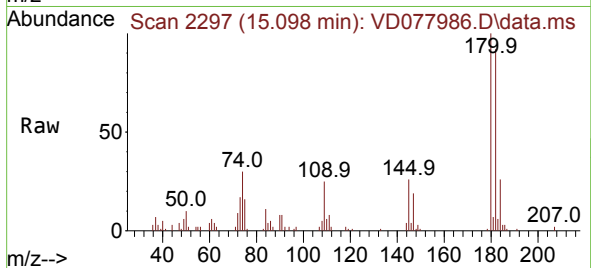
Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

Instrument :

MSVOA_D

ClientSampleId :



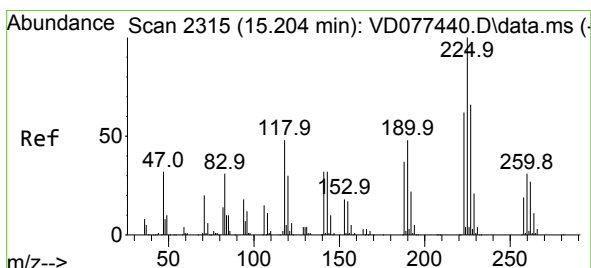
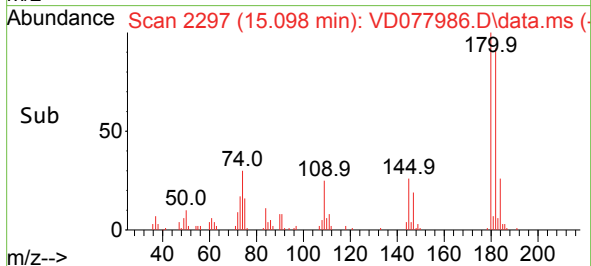
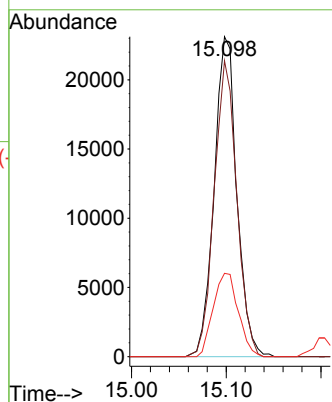
Tgt Ion:180 Resp: 38412

Ion Ratio Lower Upper

180 100

182 92.1 48.5 145.6

145 28.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.083 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077986.D

Acq: 20 Dec 2023 10:40

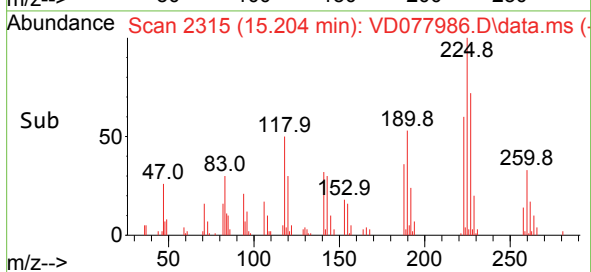
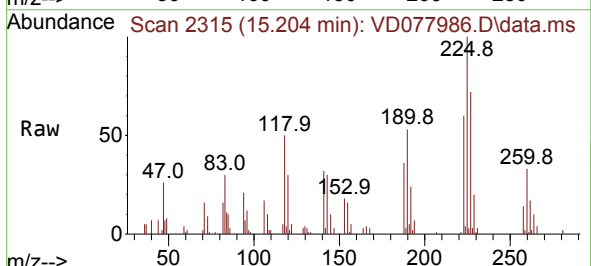
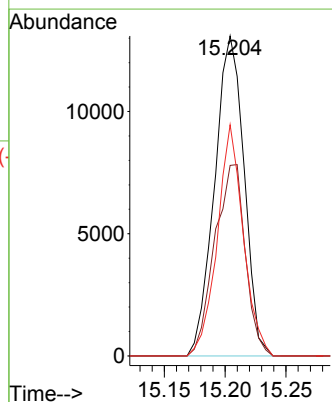
Tgt Ion:225 Resp: 22083

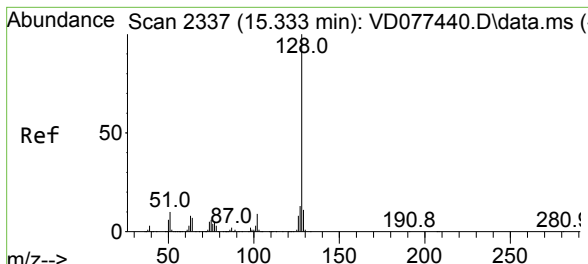
Ion Ratio Lower Upper

225 100

223 61.9 31.6 94.8

227 63.7 31.7 95.1

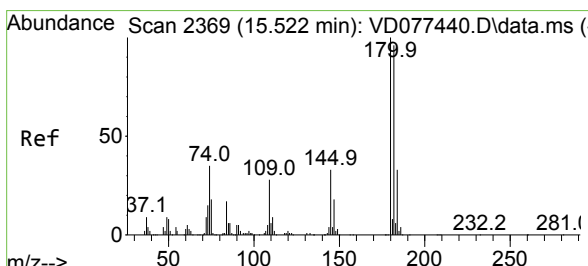
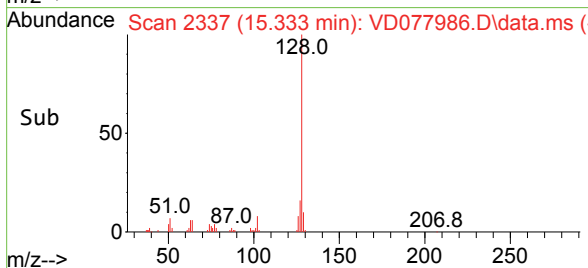
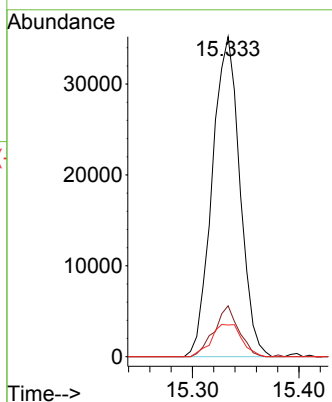
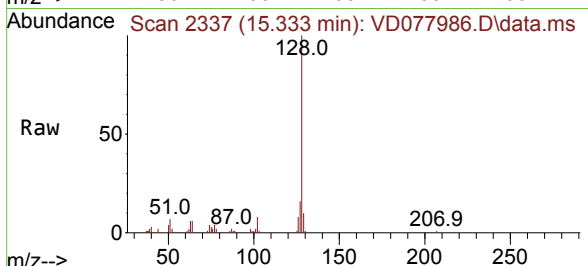




#95
Naphthalene
Concen: 17.789 ug/l
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	63429
Ion Ratio	Lower	Upper	
128	100		
127	15.9	10.5	15.7#
129	9.9	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.135 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077986.D
Acq: 20 Dec 2023 10:40

Tgt Ion:	180	Resp:	32084
Ion Ratio	Lower	Upper	
180	100		
182	94.1	47.3	141.9
145	32.9	15.1	45.3

