

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD077987.D
 Acq On : 20 Dec 2023 11:07
 Operator : RP/MD
 Sample : VD1220SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 21 05:21:39 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	121263	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	215371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	193796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100786	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	73373	51.349	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.700%	
35) Dibromofluoromethane	7.810	113	78378	51.954	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.900%	
50) Toluene-d8	10.269	98	300271	49.696	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.575	95	90124	49.890	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.780%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	27076	17.875	ug/l	96
3) Chloromethane	2.152	50	38110	18.458	ug/l	95
4) Vinyl Chloride	2.287	62	54339	19.386	ug/l	98
5) Bromomethane	2.693	94	38503	24.480	ug/l	100
6) Chloroethane	2.840	64	40522	21.205	ug/l	97
7) Trichlorofluoromethane	3.181	101	46827	18.139	ug/l	99
8) Diethyl Ether	3.599	74	13345	18.409	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.970	101	28167	19.072	ug/l	98
10) Methyl Iodide	4.170	142	25463	23.761	ug/l #	90
11) Tert butyl alcohol	5.058	59	7745	106.065	ug/l #	79
12) 1,1-Dichloroethene	3.940	96	26161	17.948	ug/l	91
13) Acrolein	3.805	56	11091	73.376	ug/l	90
14) Allyl chloride	4.575	41	32671	16.297	ug/l	88
15) Acrylonitrile	5.258	53	27922	89.963	ug/l	95
16) Acetone	4.022	43	40810	115.128	ug/l #	85
17) Carbon Disulfide	4.275	76	68579	13.907	ug/l	99
18) Methyl Acetate	4.564	43	20816	18.497	ug/l	91
19) Methyl tert-butyl Ether	5.322	73	58336	18.863	ug/l	100
20) Methylene Chloride	4.811	84	34851	17.440	ug/l #	92
21) trans-1,2-Dichloroethene	5.322	96	31055	18.810	ug/l	90
22) Diisopropyl ether	6.222	45	74005	17.665	ug/l #	91
23) Vinyl Acetate	6.164	43	153061	74.816	ug/l	93
24) 1,1-Dichloroethane	6.122	63	52706	18.578	ug/l	99
25) 2-Butanone	7.087	43	45959	108.509	ug/l	90
26) 2,2-Dichloropropane	7.087	77	43681	18.338	ug/l	96
27) cis-1,2-Dichloroethene	7.087	96	34409	19.369	ug/l	93
28) Bromochloromethane	7.428	49	21200	18.493	ug/l	81
29) Tetrahydrofuran	7.452	42	20445	89.852	ug/l	93
30) Chloroform	7.599	83	53823	18.956	ug/l	96
31) Cyclohexane	7.881	56	41095	16.169	ug/l #	95
32) 1,1,1-Trichloroethane	7.799	97	45565	18.204	ug/l	97
36) 1,1-Dichloropropene	8.010	75	40047	16.596	ug/l	96
37) Ethyl Acetate	7.169	43	15330	16.293	ug/l #	74
38) Carbon Tetrachloride	7.993	117	41967	17.445	ug/l	93
39) Methylcyclohexane	9.275	83	45900	16.045	ug/l	92
40) Benzene	8.252	78	117816	17.202	ug/l	98

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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	8359	17.479	ug/l #	85
42) 1,2-Dichloroethane	8.328	62	32660	18.397	ug/l	95
43) Isopropyl Acetate	8.363	43	29017	17.348	ug/l #	92
44) Trichloroethene	9.034	130	31288	17.530	ug/l	99
45) 1,2-Dichloropropane	9.305	63	30978	18.606	ug/l #	88
46) Dibromomethane	9.393	93	16439	18.661	ug/l	93
47) Bromodichloromethane	9.581	83	42892	19.209	ug/l	95
48) Methyl methacrylate	9.381	41	14921	15.693	ug/l	84
49) 1,4-Dioxane	9.387	88	3929	449.159	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	75514	88.462	ug/l	92
52) Toluene	10.334	92	75012	17.657	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	38337	17.879	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	45435	17.526	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	23043	19.123	ug/l	95
56) Ethyl methacrylate	10.599	69	18464	17.382	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	39306	18.924	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	45304	74.788	ug/l	94
59) 2-Hexanone	10.922	43	62580	88.364	ug/l	91
60) Dibromochloromethane	11.075	129	28574	19.696	ug/l	99
61) 1,2-Dibromoethane	11.181	107	21209	18.698	ug/l	100
64) Tetrachloroethene	10.816	164	25025	17.569	ug/l	91
65) Chlorobenzene	11.610	112	81614	16.625	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	30459	18.901	ug/l	95
67) Ethyl Benzene	11.687	91	141334	17.517	ug/l	96
68) m/p-Xylenes	11.793	106	107097	34.702	ug/l	91
69) o-Xylene	12.122	106	48556	17.072	ug/l	90
70) Styrene	12.134	104	76798	18.159	ug/l	97
71) Bromoform	12.298	173	15495	18.402	ug/l #	95
73) Isopropylbenzene	12.422	105	136422	17.859	ug/l	95
74) N-amyl acetate	12.234	43	24949	16.616	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	26560	19.941	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	31553	36.047	ug/l #	100
77) Bromobenzene	12.704	156	31987	17.803	ug/l	89
78) n-propylbenzene	12.763	91	162544	17.463	ug/l	96
79) 2-Chlorotoluene	12.851	91	87229	17.487	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	112735	17.695	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	8238	19.068	ug/l	97
82) 4-Chlorotoluene	12.951	91	92397	17.718	ug/l	98
83) tert-Butylbenzene	13.169	119	96067	17.861	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	112937	17.724	ug/l	97
85) sec-Butylbenzene	13.345	105	142744	17.954	ug/l	95
86) p-Isopropyltoluene	13.463	119	124663	17.513	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	67099	18.262	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	65514	16.798	ug/l	94
89) n-Butylbenzene	13.787	91	120536	17.996	ug/l	98
90) Hexachloroethane	14.057	117	25564	19.528	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	58911	18.852	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3828	19.237	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	36569	17.133	ug/l	96
94) Hexachlorobutadiene	15.204	225	18882	16.405	ug/l	94
95) Naphthalene	15.334	128	65208	18.387	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	32216	18.308	ug/l	96

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

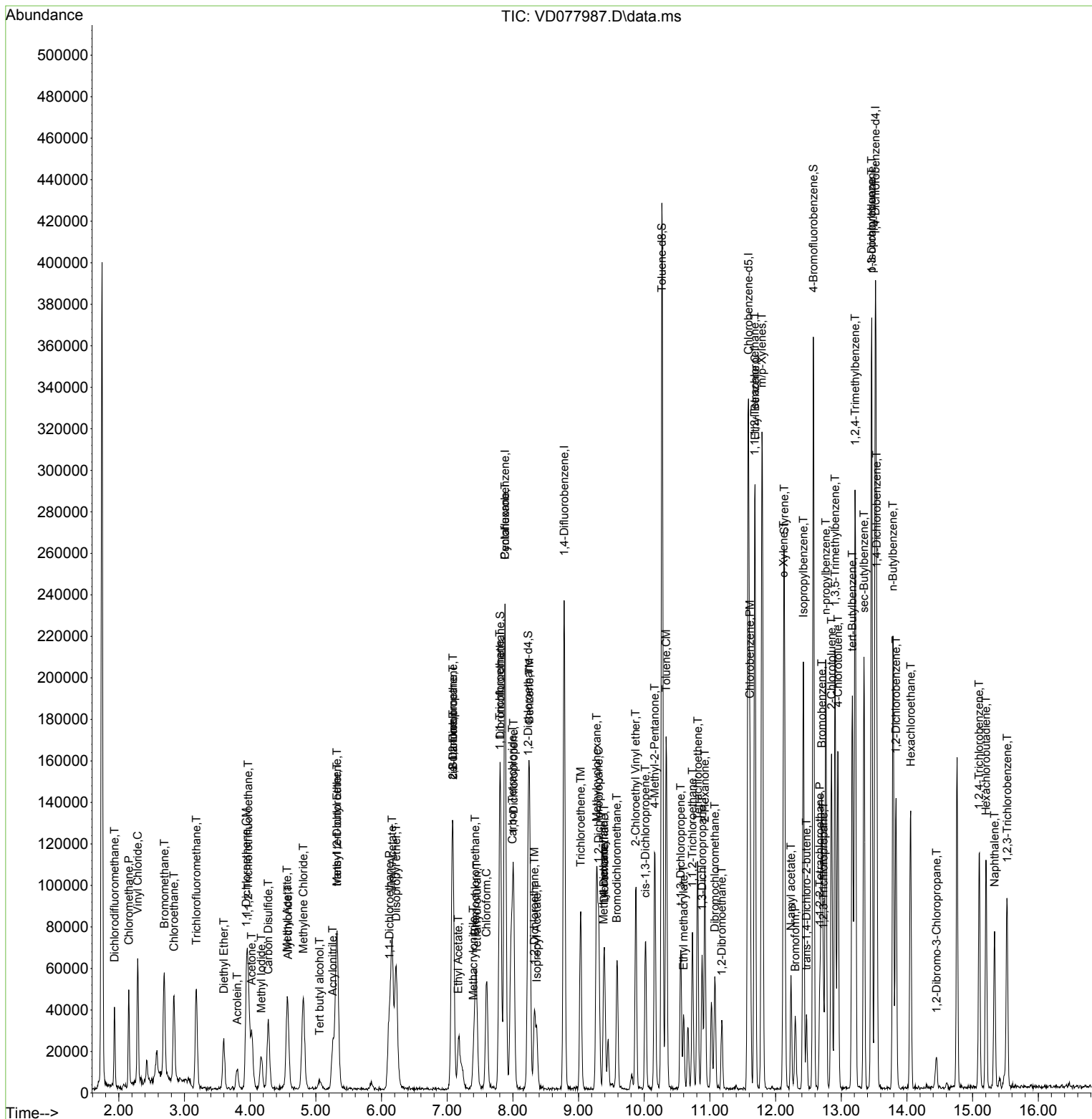
Instrument :
MSVOA_D
ClientSampleId :

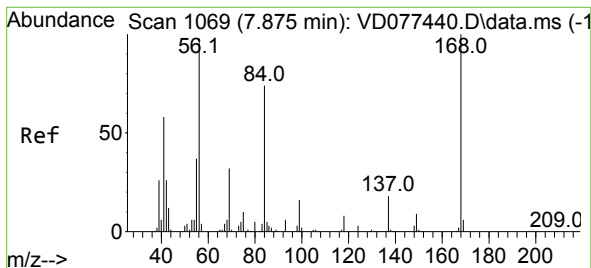
Quant Time: Dec 21 05:21:39 2023
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Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

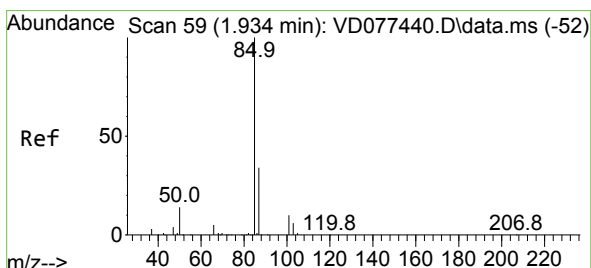
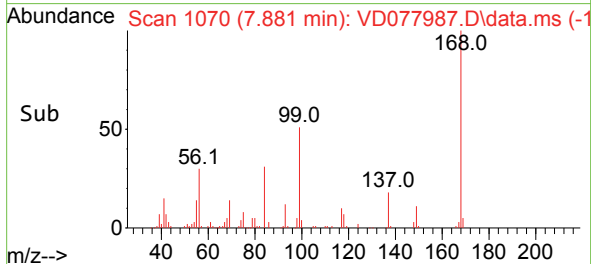
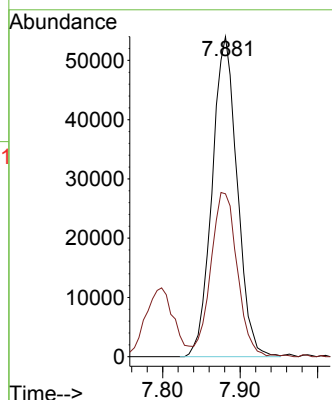
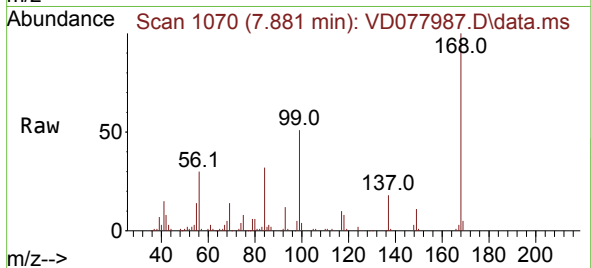
ClientSampleId :

Tgt Ion:168 Resp: 121263

Ion Ratio Lower Upper

168 100

99 50.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 17.875 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077987.D

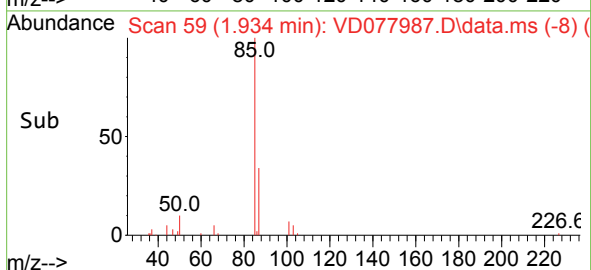
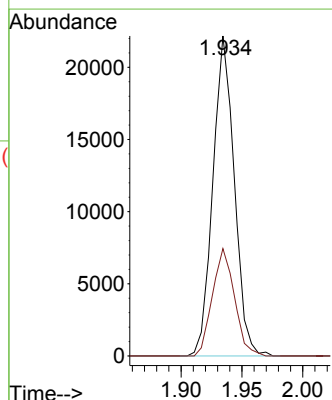
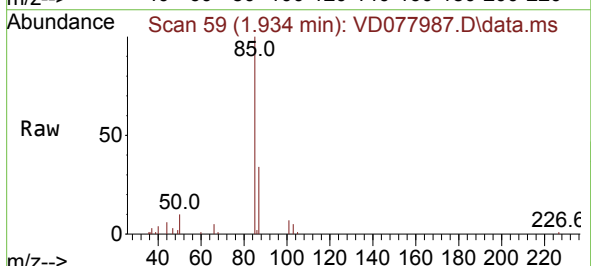
Acq: 20 Dec 2023 11:07

Tgt Ion: 85 Resp: 27076

Ion Ratio Lower Upper

85 100

87 33.6 15.7 47.0

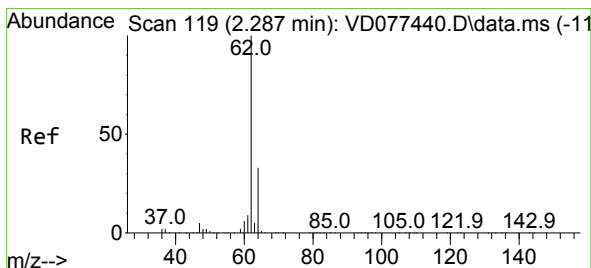
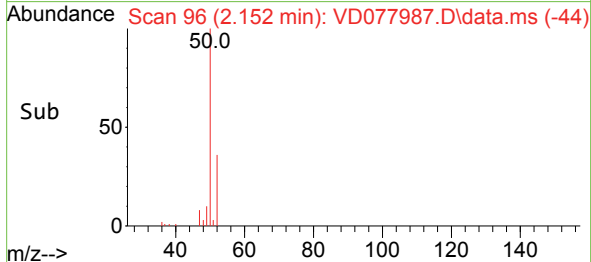
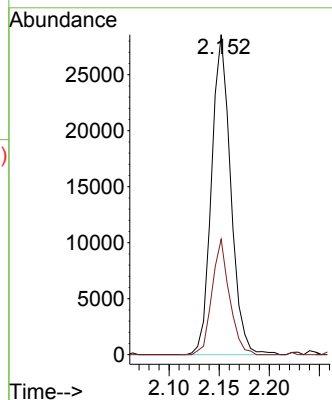
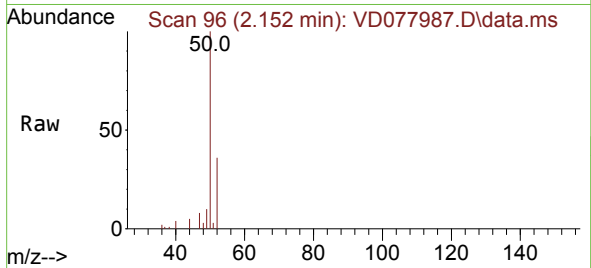




#3
Chloromethane
Concen: 18.458 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

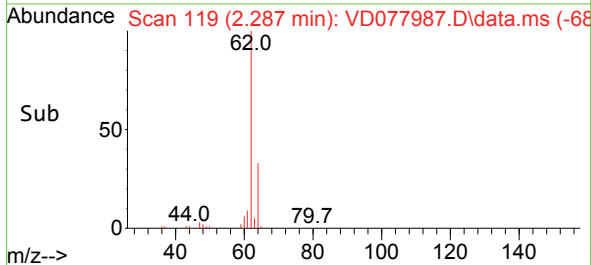
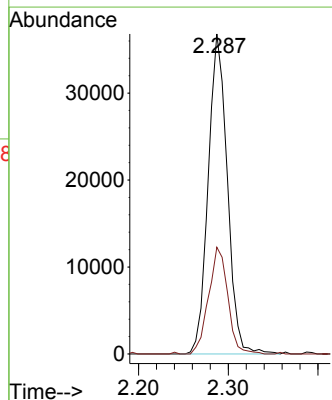
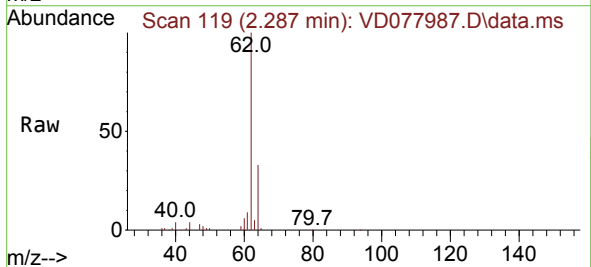
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 38110
Ion Ratio Lower Upper
50 100
52 36.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.386 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 62 Resp: 54339
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0

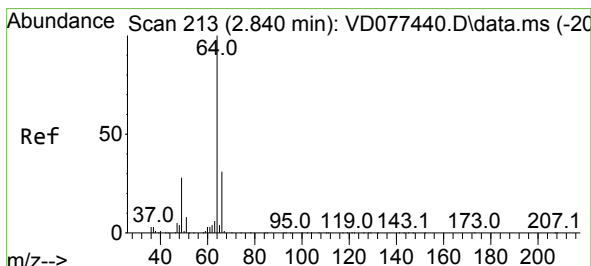
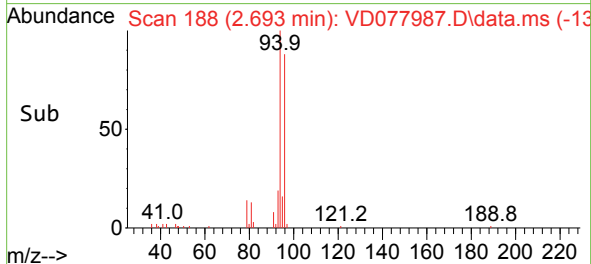
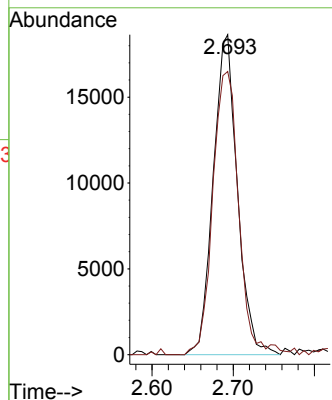
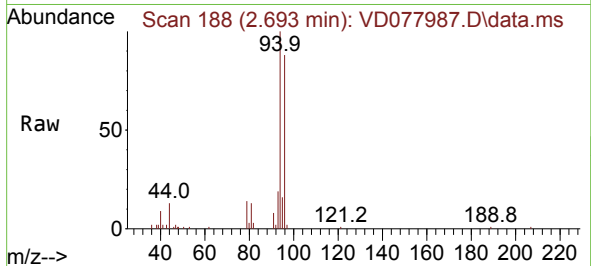




#5
Bromomethane
Concen: 24.480 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

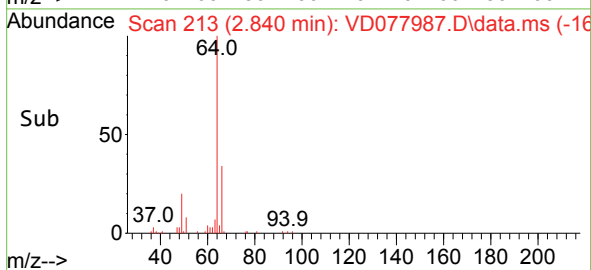
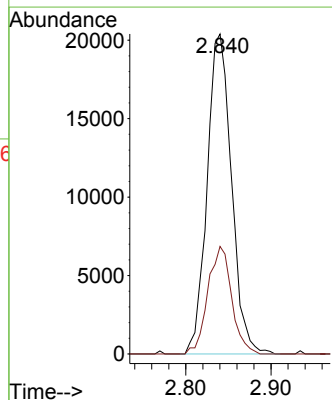
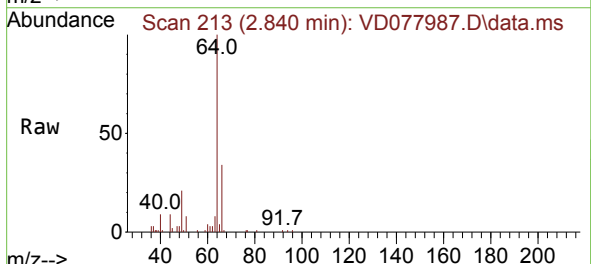
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ClientSampleId :

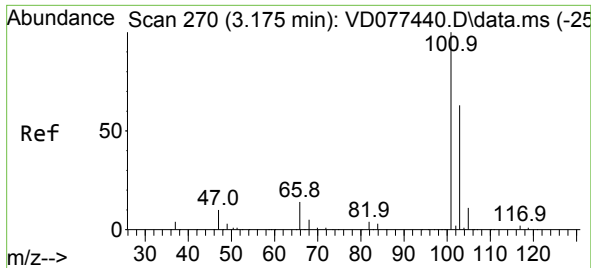
Tgt Ion: 94 Resp: 38503
Ion Ratio Lower Upper
94 100
96 95.2 75.8 113.8



#6
Chloroethane
Concen: 21.205 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 64 Resp: 40522
Ion Ratio Lower Upper
64 100
66 33.6 25.5 38.3

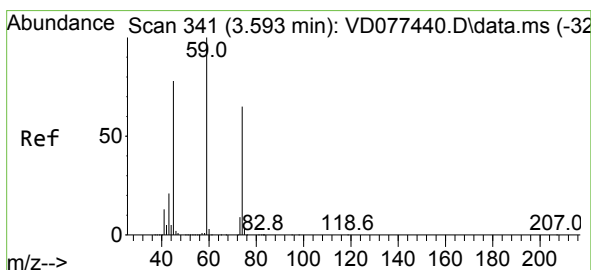
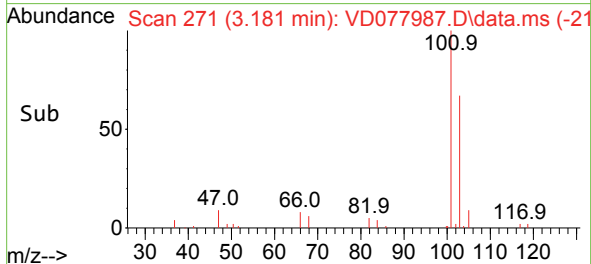
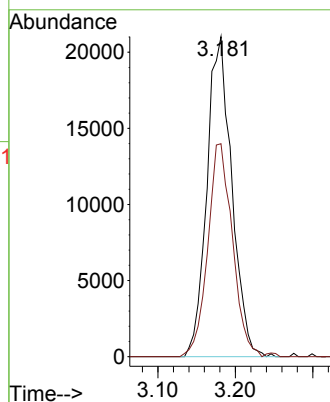
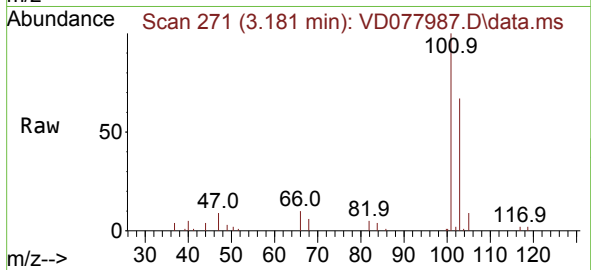




#7
Trichlorofluoromethane
Concen: 18.139 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

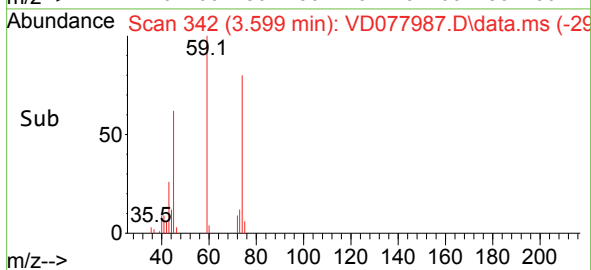
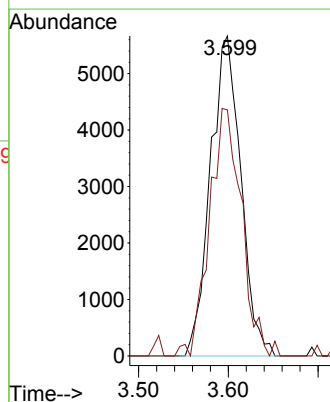
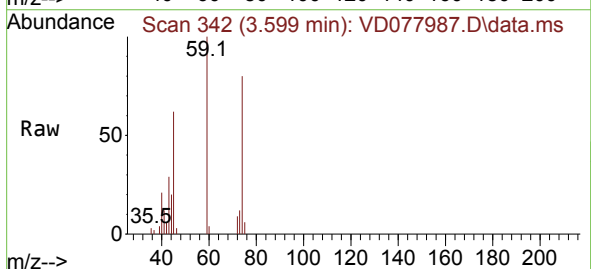
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:101 Resp: 46827
Ion Ratio Lower Upper
101 100
103 66.6 52.3 78.5



#8
Diethyl Ether
Concen: 18.409 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

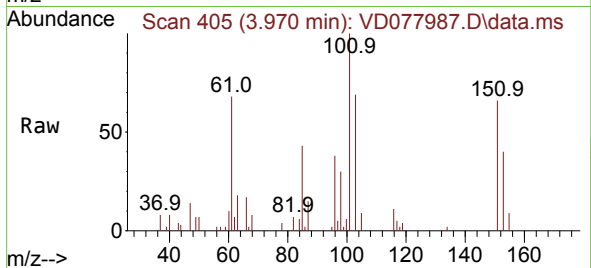
Tgt Ion: 74 Resp: 13345
Ion Ratio Lower Upper
74 100
45 80.8 37.5 112.7



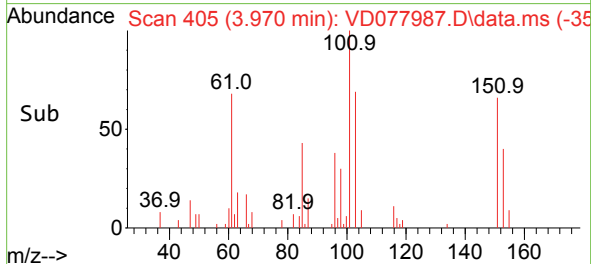
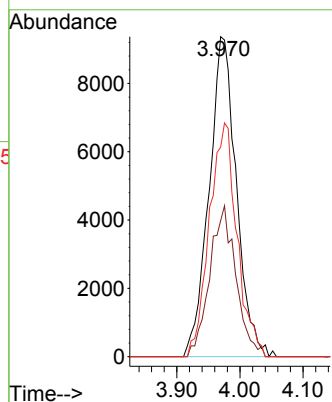


#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.072 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.007 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

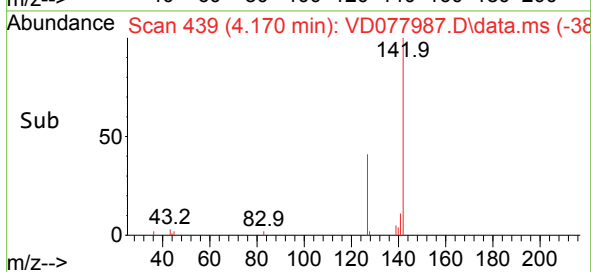
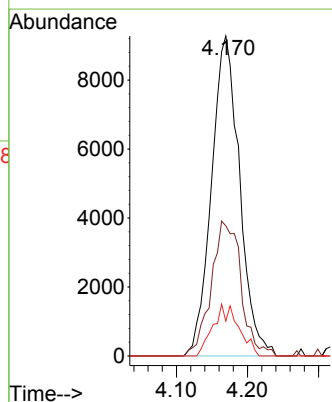
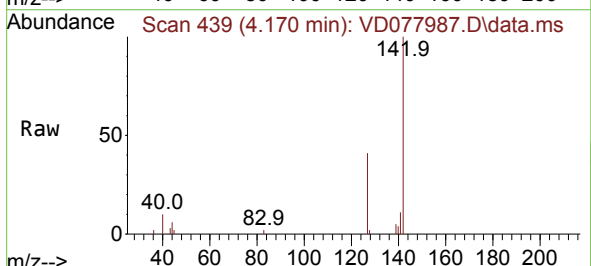


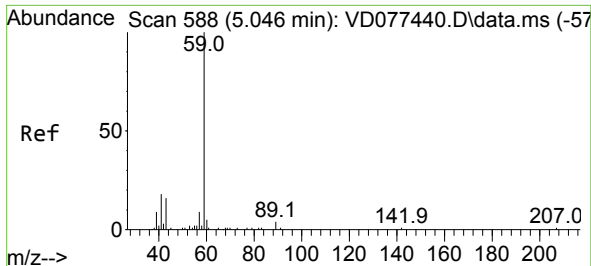
Tgt Ion:	101	Resp:	28167
Ion	Ratio	Lower	Upper
101	100		
85	45.3	33.8	50.6
151	73.8	59.8	89.6



#10
Methyl Iodide
Concen: 23.761 ug/l
RT: 4.170 min Scan# 439
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:	142	Resp:	25463
Ion	Ratio	Lower	Upper
142	100		
127	44.7	29.4	44.0#
141	14.7	11.1	16.7

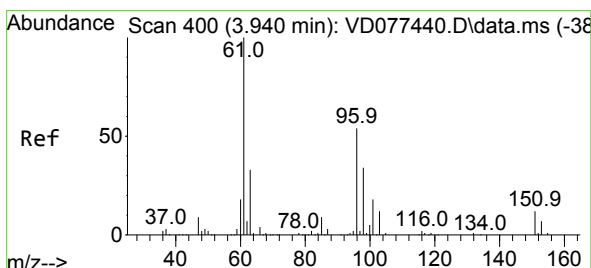
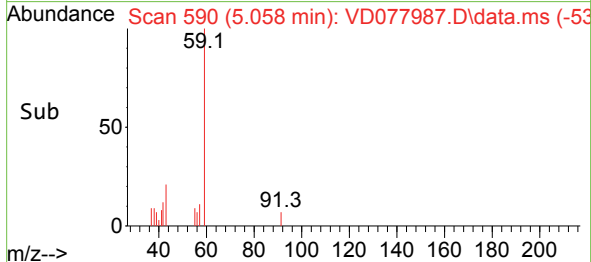
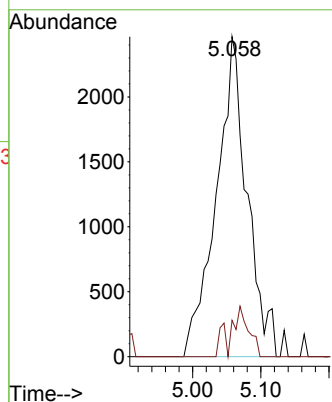
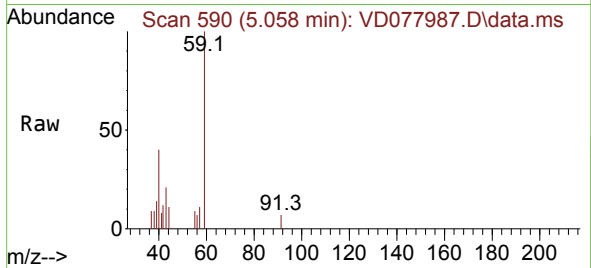




#11
Tert butyl alcohol
Concen: 106.065 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

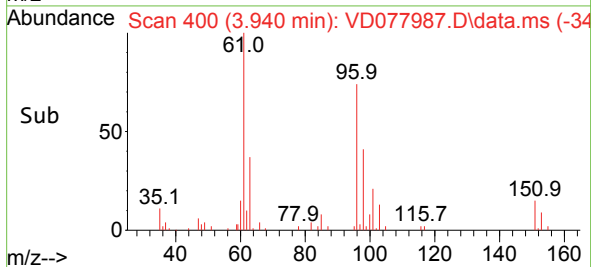
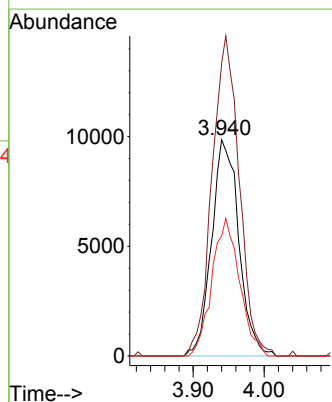
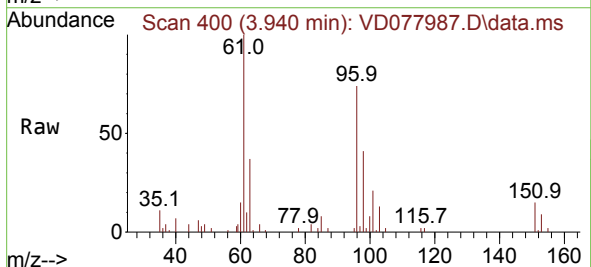
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 59 Resp: 7745
Ion Ratio Lower Upper
59 100
57 2.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 17.948 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 96 Resp: 26161
Ion Ratio Lower Upper
96 100
61 135.3 100.6 150.8
98 55.5 50.2 75.2

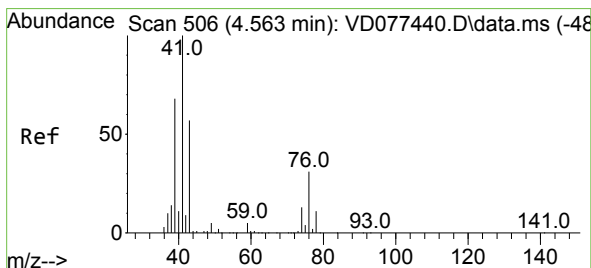
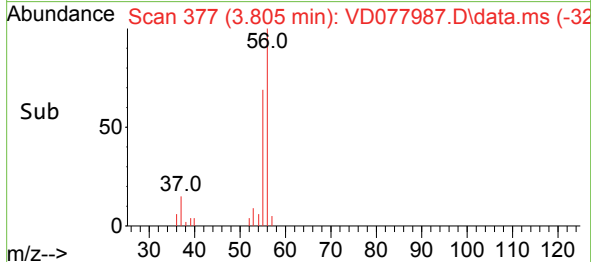
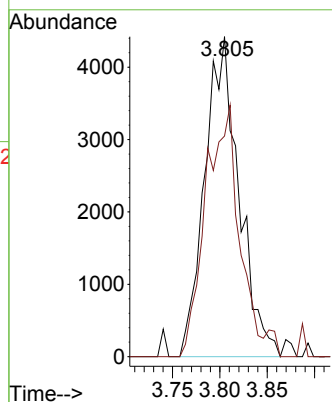
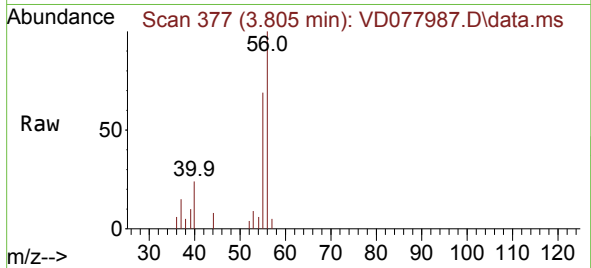




#13
Acrolein
Concen: 73.376 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

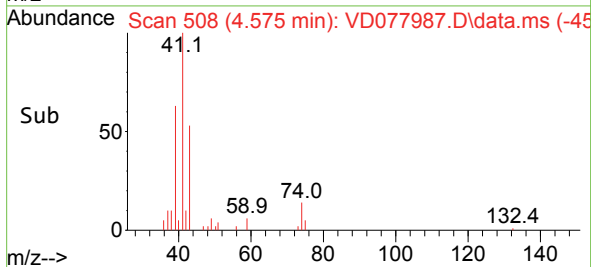
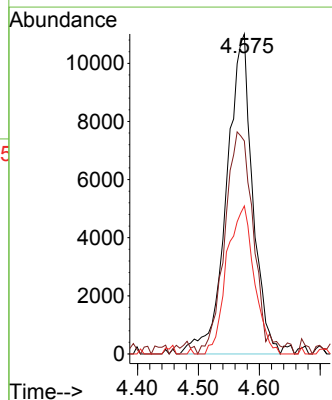
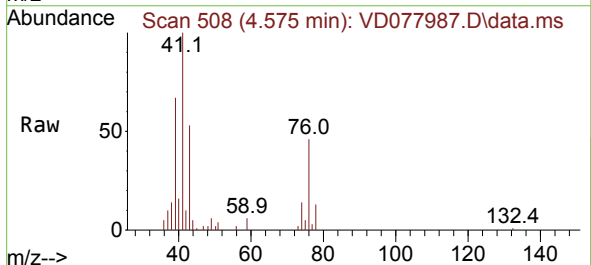
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 11091
Ion Ratio Lower Upper
56 100
55 77.0 55.1 82.7



#14
Allyl chloride
Concen: 16.297 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

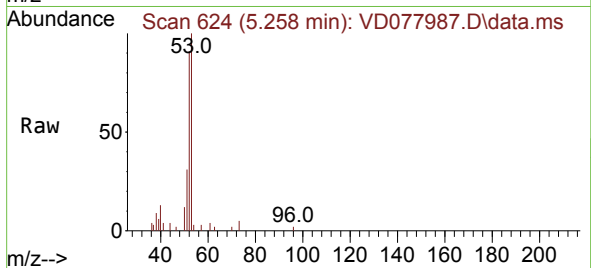
Tgt Ion: 41 Resp: 32671
Ion Ratio Lower Upper
41 100
39 76.5 53.8 80.6
76 48.7 45.8 68.8



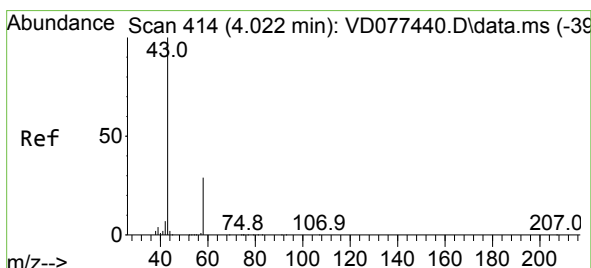
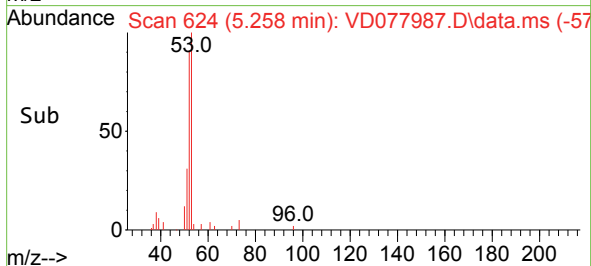
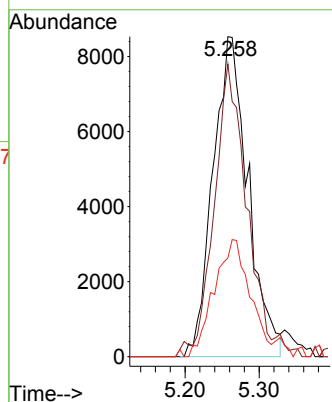


#15
Acrylonitrile
Concen: 89.963 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

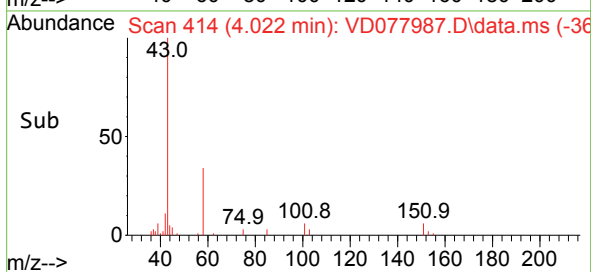
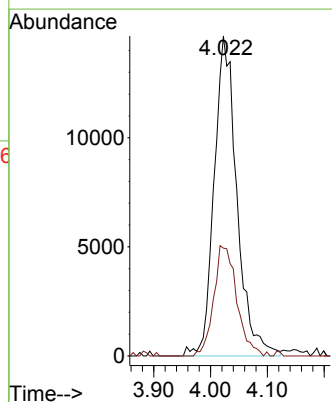
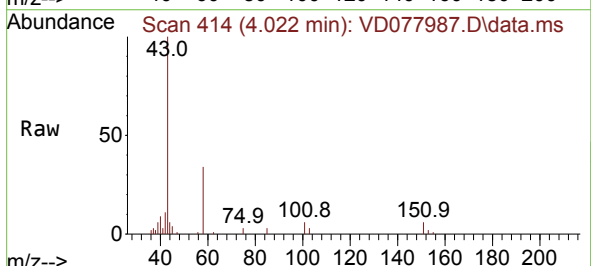


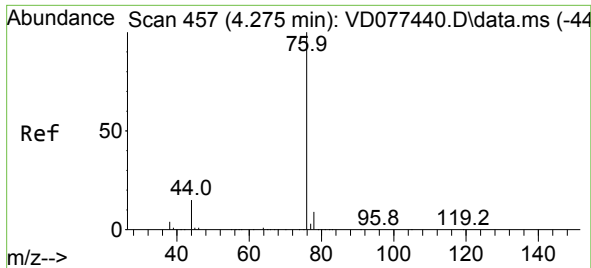
Tgt Ion: 53	Resp: 27922
Ion Ratio	Lower Upper
53 100	
52 86.2	65.0 97.4
51 37.5	28.3 42.5



#16
Acetone
Concen: 115.128 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 43	Resp: 40810		
Ion Ratio	Lower	Upper	
43 100			
58 33.7	34.7	52.1#	

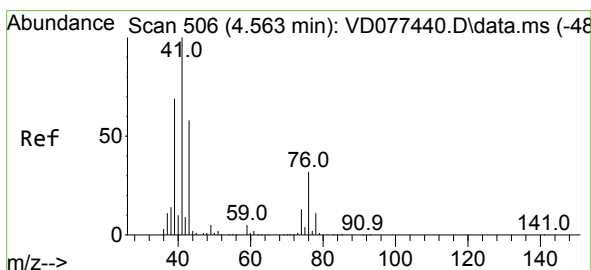
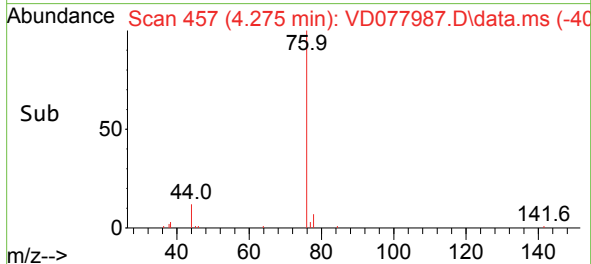
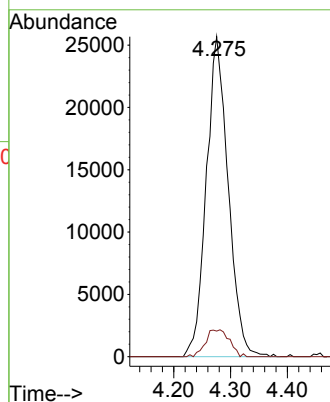
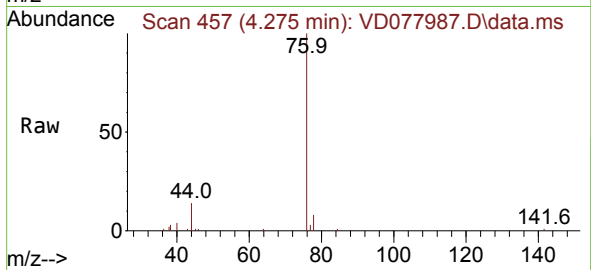




#17
Carbon Disulfide
Concen: 13.907 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

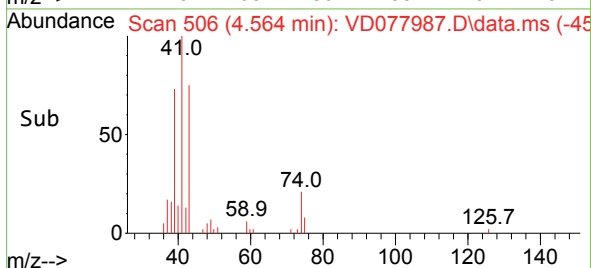
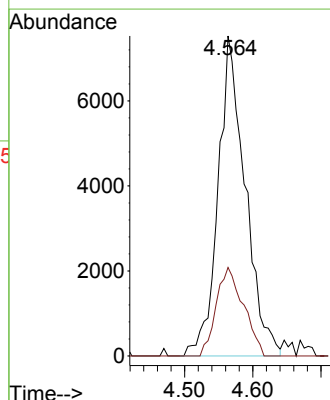
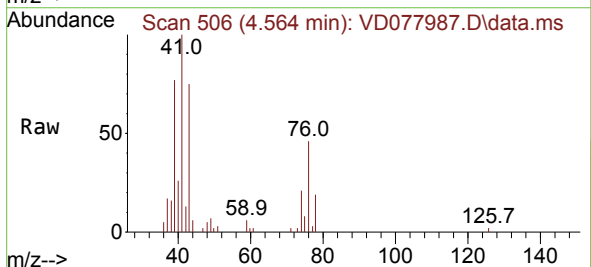
Instrument :
MSVOA_D
ClientSampleId :

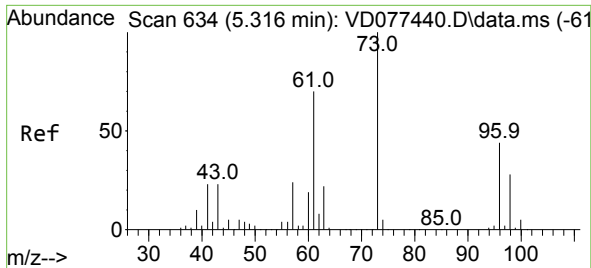
Tgt Ion: 76 Resp: 68579
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 18.497 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 43 Resp: 20816
Ion Ratio Lower Upper
43 100
74 27.8 26.4 39.6

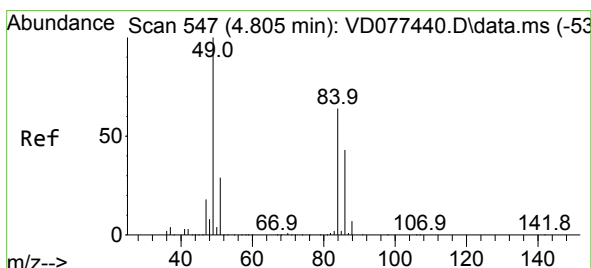
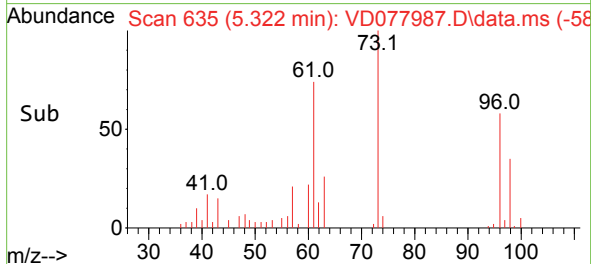
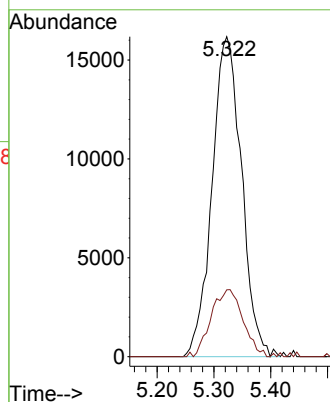
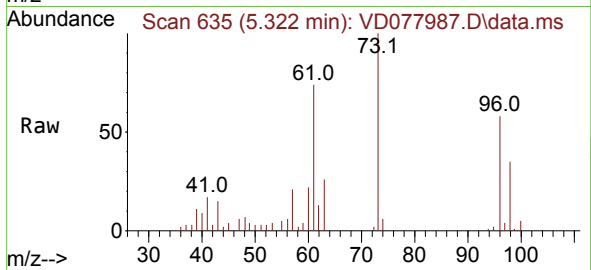




#19
Methyl tert-butyl Ether
Concen: 18.863 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

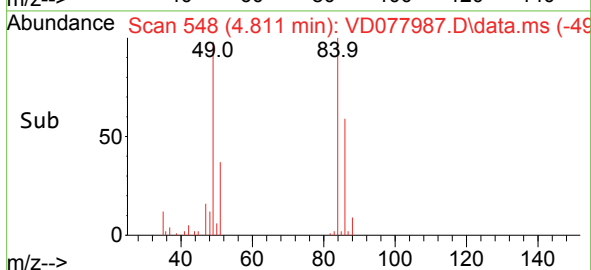
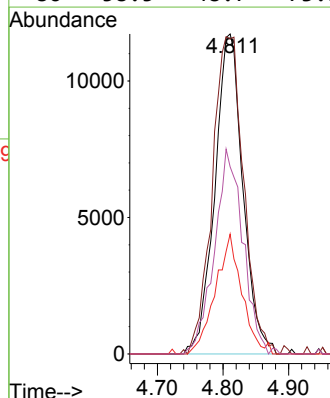
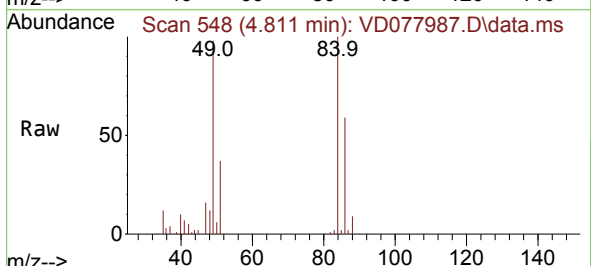
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 58336
Ion Ratio Lower Upper
73 100
57 20.9 16.6 25.0



#20
Methylene Chloride
Concen: 17.440 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

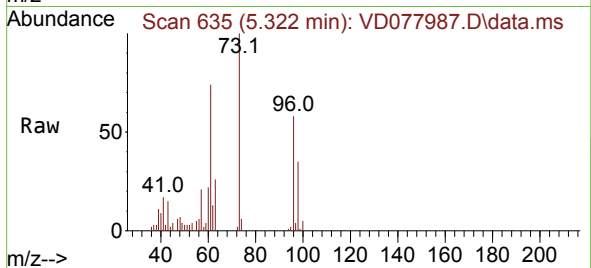
Tgt Ion: 84 Resp: 34851
Ion Ratio Lower Upper
84 100
49 98.5 71.4 107.2
51 37.4 24.5 36.7#
86 58.5 48.7 73.1



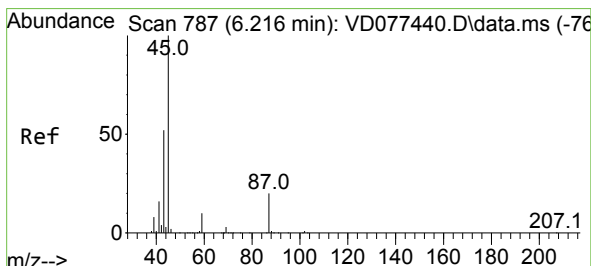
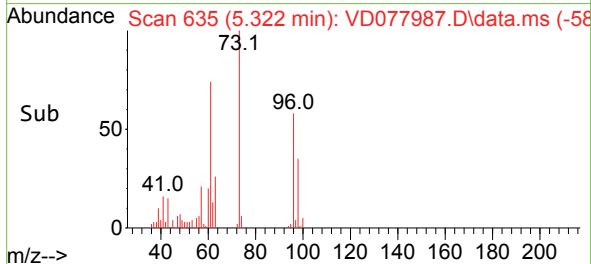
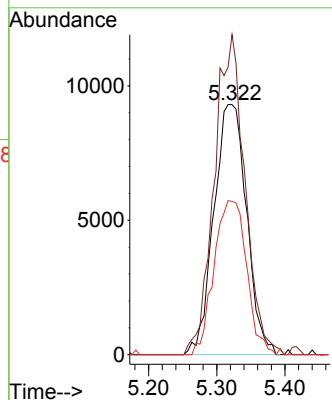


#21
trans-1,2-Dichloroethene
Concen: 18.810 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

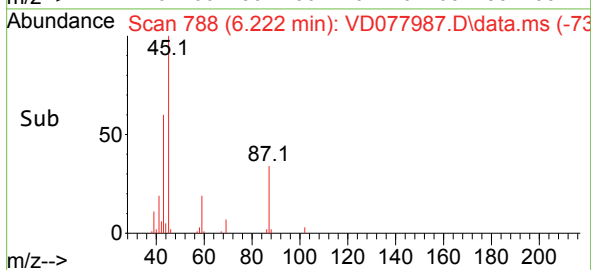
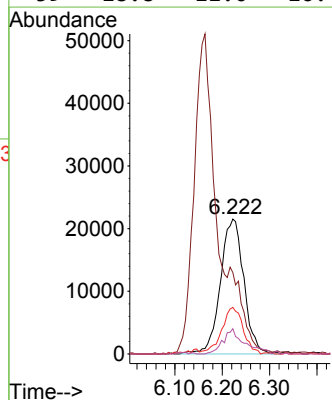
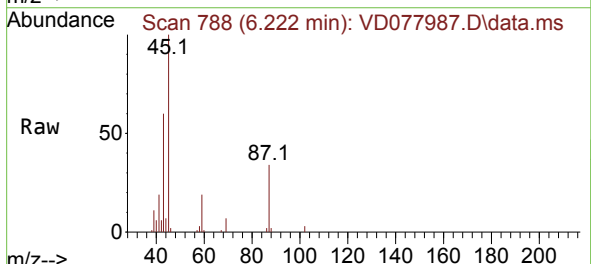


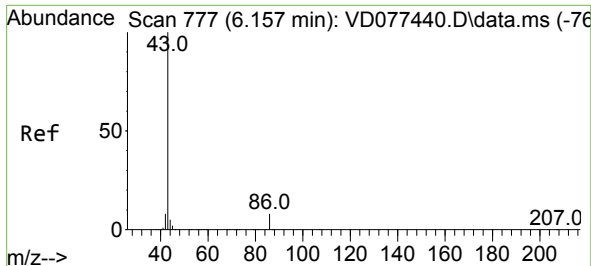
Tgt Ion: 96 Resp: 31055
Ion Ratio Lower Upper
96 100
61 127.9 89.3 133.9
98 61.3 48.6 73.0



#22
Diisopropyl ether
Concen: 17.665 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 45 Resp: 74005
Ion Ratio Lower Upper
45 100
43 59.1 40.0 60.0
87 34.5 28.2 42.4
59 18.8 11.0 16.4#

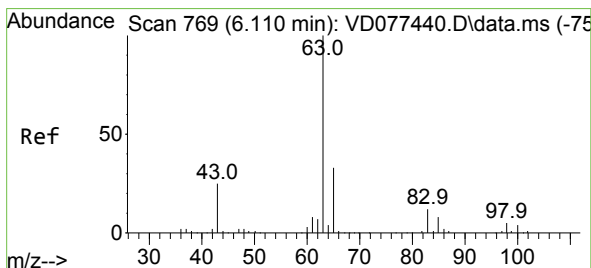
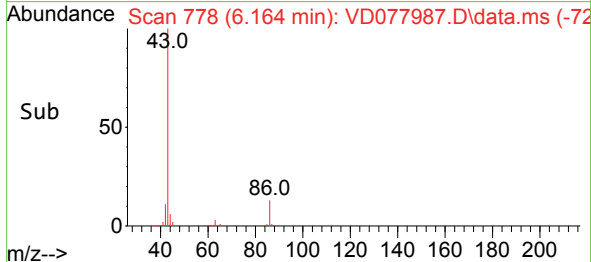
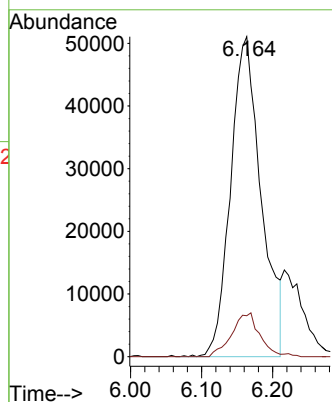
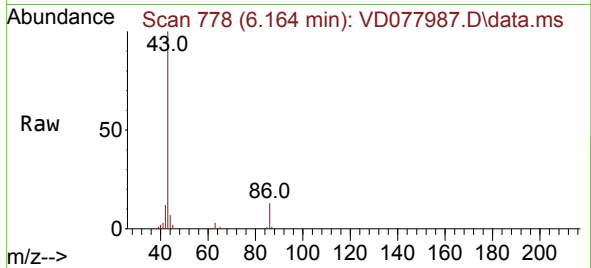




#23
 Vinyl Acetate
 Concen: 74.816 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.007 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

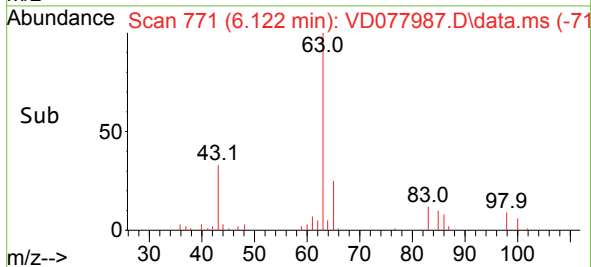
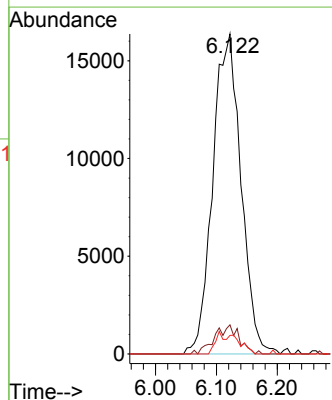
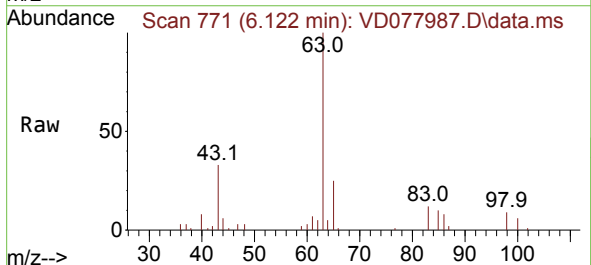
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 153061
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 18.578 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.012 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

Tgt Ion: 63 Resp: 52706
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 5.8 2.5 7.5





#25

2-Butanone

Concen: 108.509 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

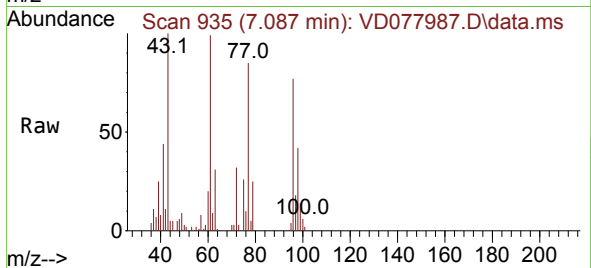
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :

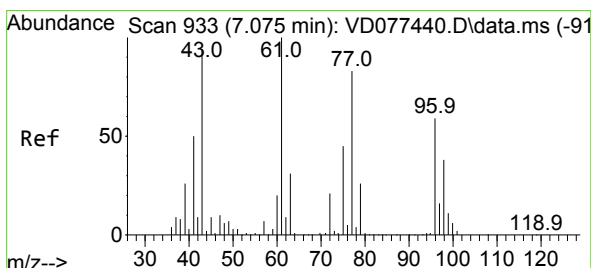
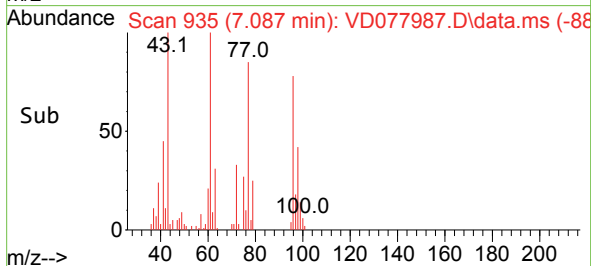
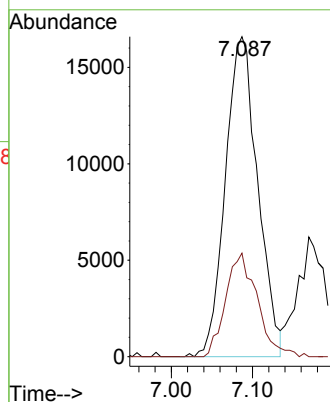


Tgt Ion: 43 Resp: 45959

Ion Ratio Lower Upper

43 100

72 32.3 30.7 46.1



#26

2,2-Dichloropropane

Concen: 18.338 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD077987.D

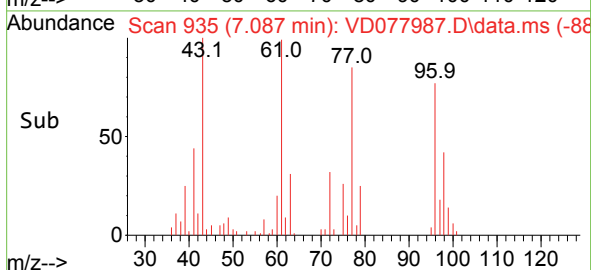
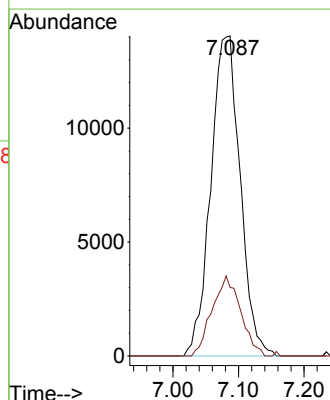
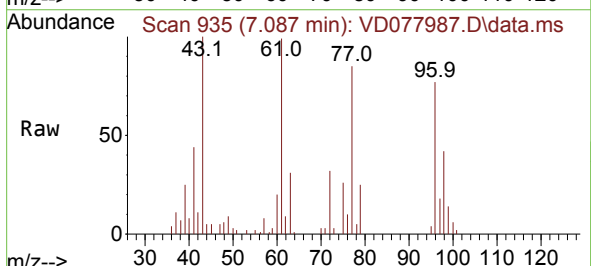
Acq: 20 Dec 2023 11:07

Tgt Ion: 77 Resp: 43681

Ion Ratio Lower Upper

77 100

97 24.3 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 19.369 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

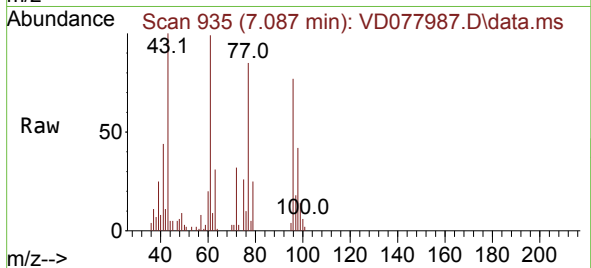
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :



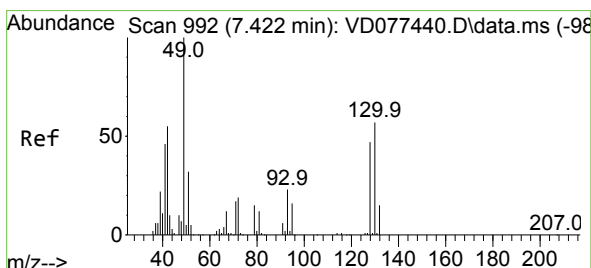
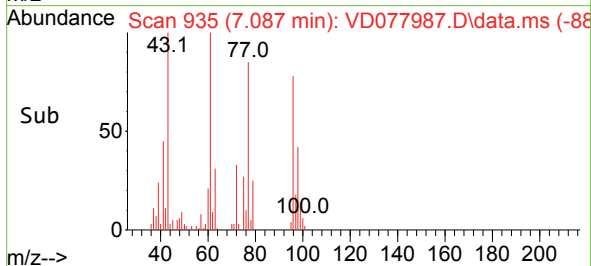
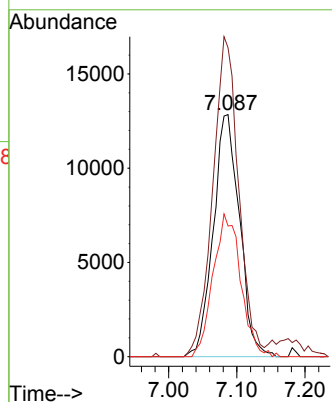
Tgt Ion: 96 Resp: 34409

Ion Ratio Lower Upper

96 100

61 130.3 0.0 239.2

98 62.0 0.0 128.6



#28

Bromochloromethane

Concen: 18.493 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.006 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

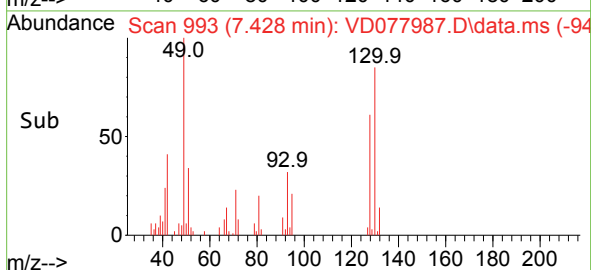
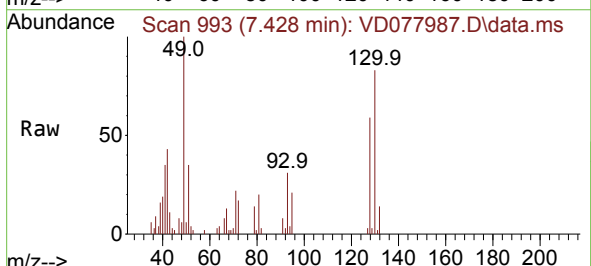
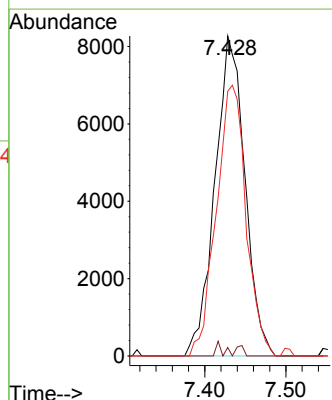
Tgt Ion: 49 Resp: 21200

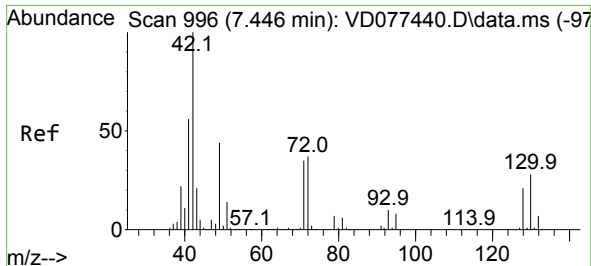
Ion Ratio Lower Upper

49 100

129 0.8 0.0 6.0

130 83.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 89.852 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

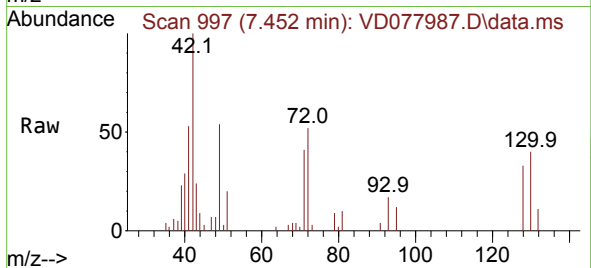
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

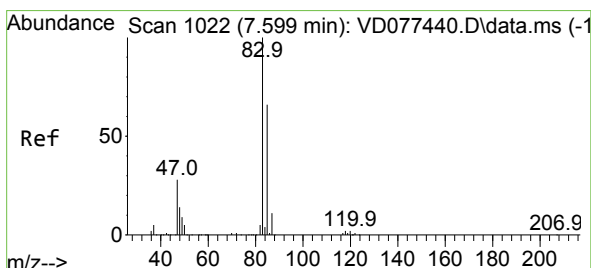
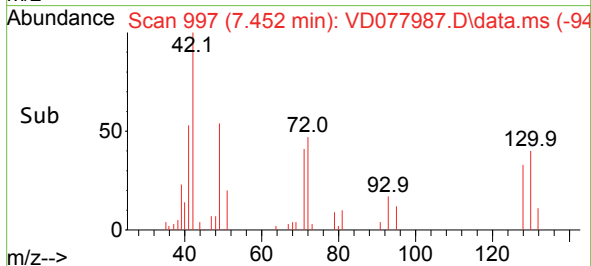
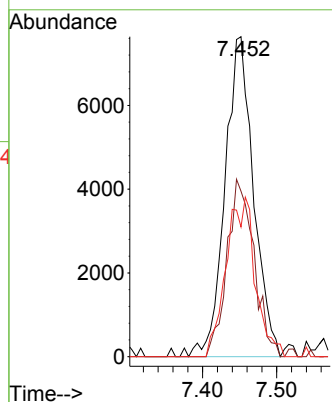
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	20445
Ion	Ratio	Lower	Upper
42	100		
72	52.3	46.5	69.7
71	50.9	44.5	66.7



#30

Chloroform

Concen: 18.956 ug/l

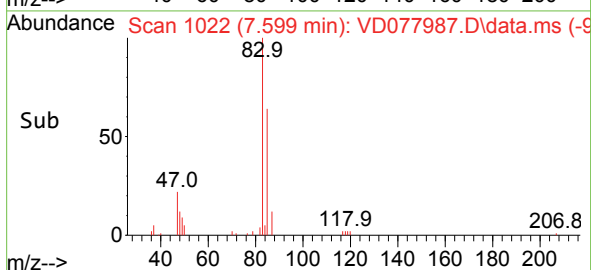
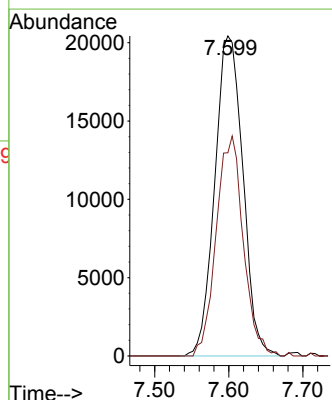
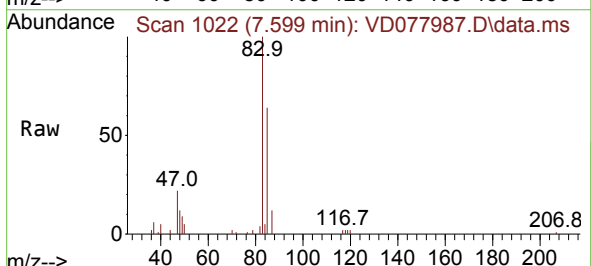
RT: 7.599 min Scan# 1022

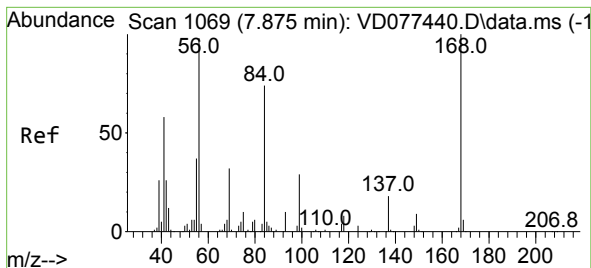
Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Tgt Ion:	83	Resp:	53823
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.4	80.2





#31

Cyclohexane

Concen: 16.169 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.006 min

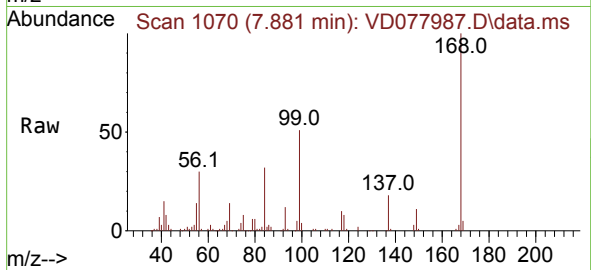
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

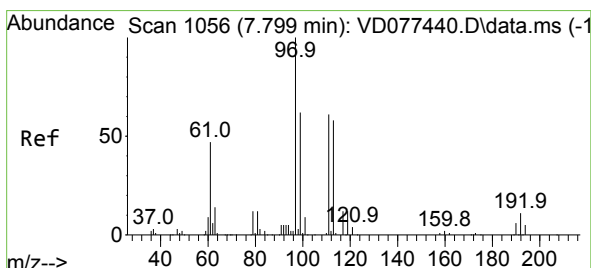
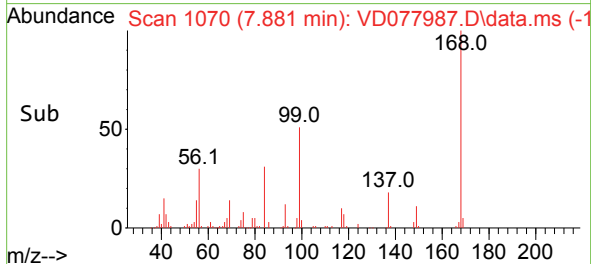
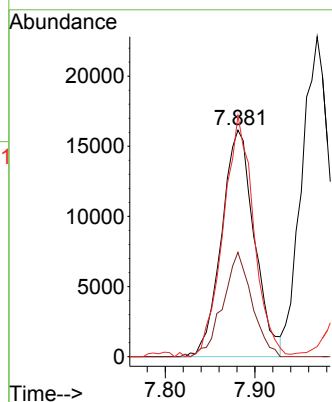
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	56	Resp:	41095
Ion Ratio	Lower	Upper	
56	100		
69	46.0	28.6	43.0#
84	104.6	84.8	127.2



#32

1,1,1-Trichloroethane

Concen: 18.204 ug/l

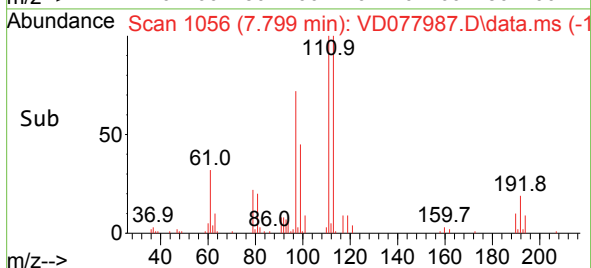
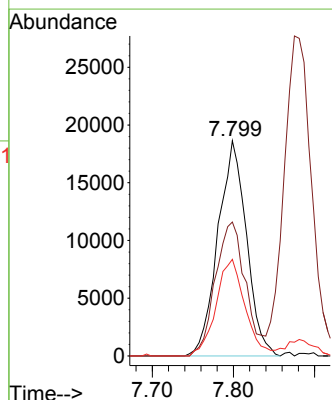
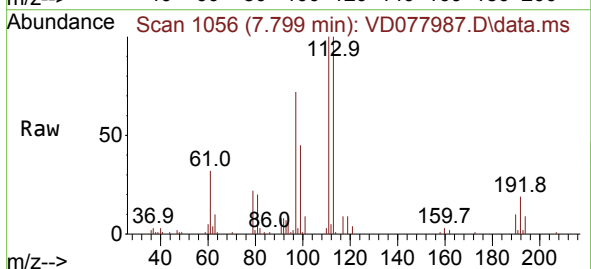
RT: 7.799 min Scan# 1056

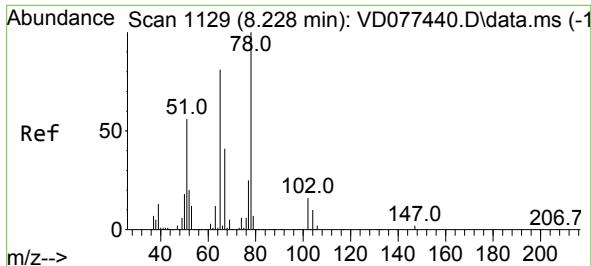
Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Tgt Ion:	97	Resp:	45565
Ion Ratio	Lower	Upper	
97	100		
99	66.1	52.0	78.0
61	45.3	33.8	50.8





#33

1,2-Dichloroethane-d4

Concen: 51.349 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

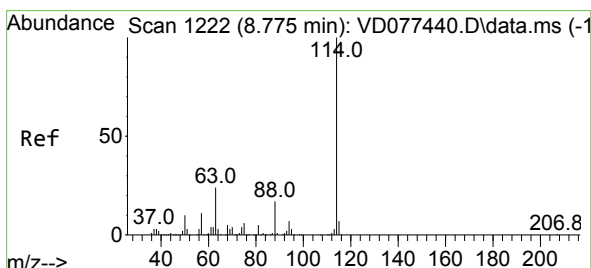
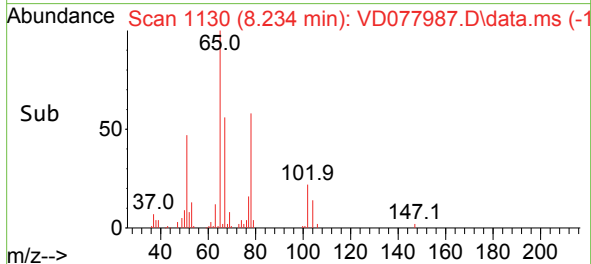
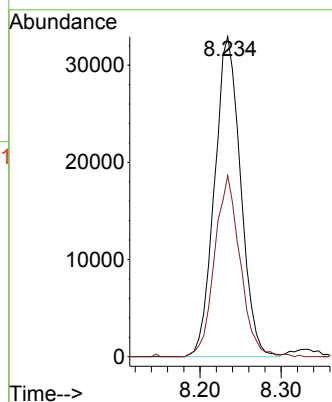
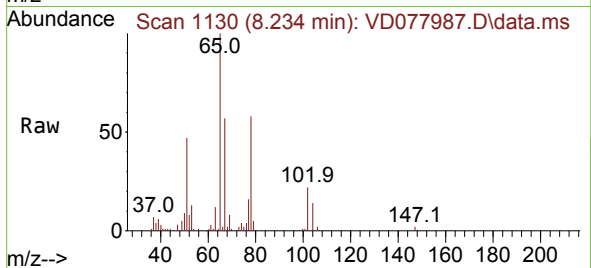
ClientSampleId :

Tgt Ion: 65 Resp: 73373

Ion Ratio Lower Upper

65 100

67 55.7 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: VD077987.D

Acq: 20 Dec 2023 11:07

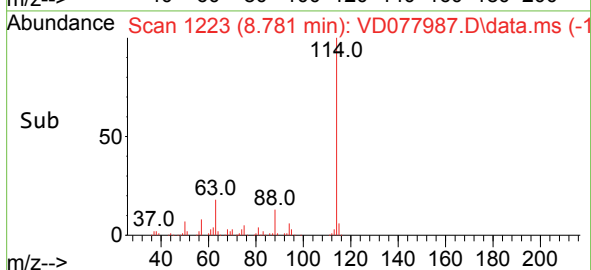
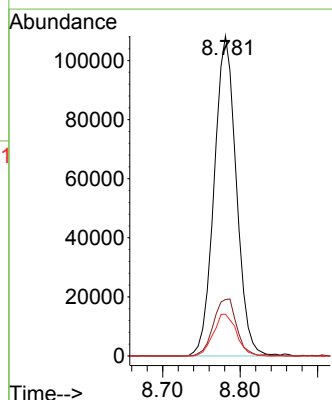
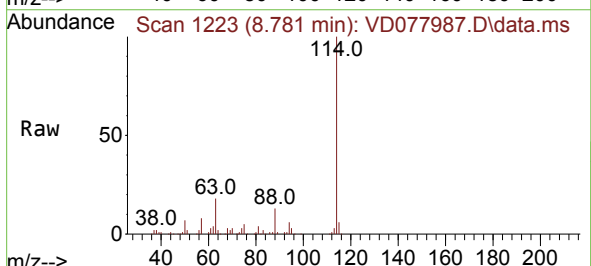
Tgt Ion: 114 Resp: 215371

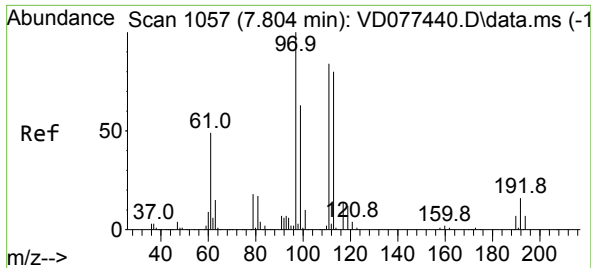
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

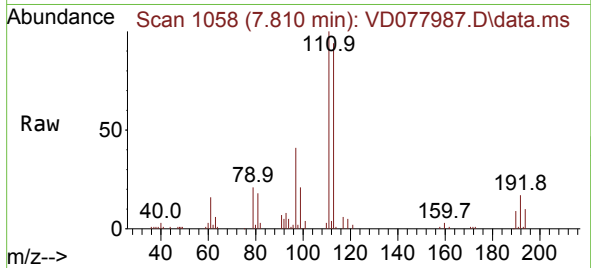
88 13.0 0.0 26.2



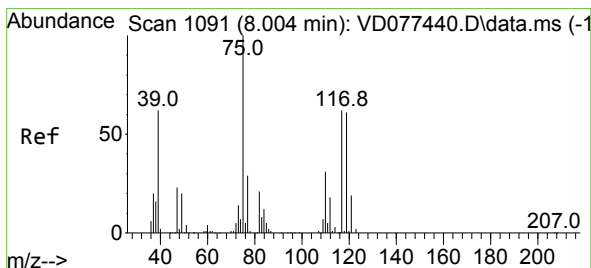
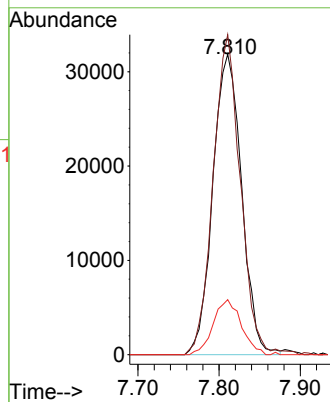
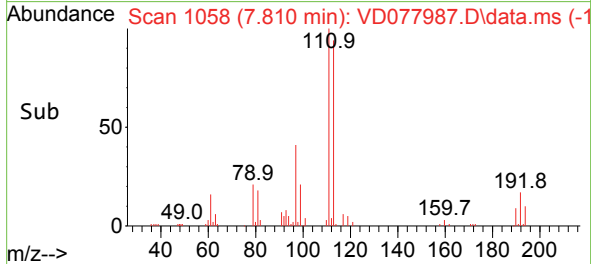


#35
Dibromofluoromethane
Concen: 51.954 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

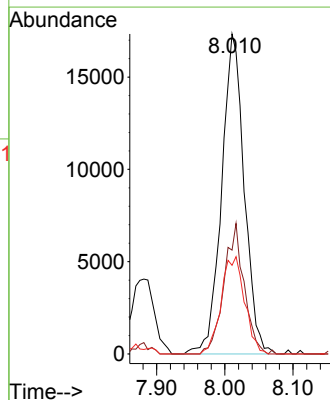
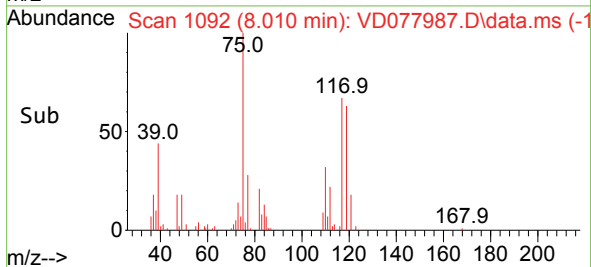
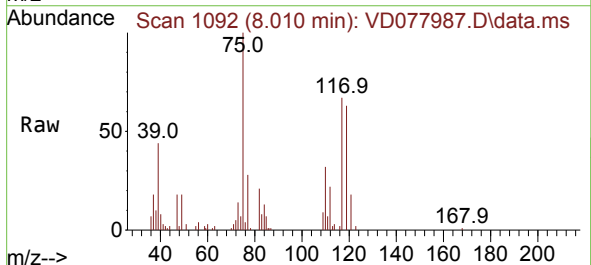


Tgt Ion:113 Resp: 78378
Ion Ratio Lower Upper
113 100
111 101.0 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 16.596 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 75 Resp: 40047
Ion Ratio Lower Upper
75 100
110 36.3 19.9 59.6
77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 16.293 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

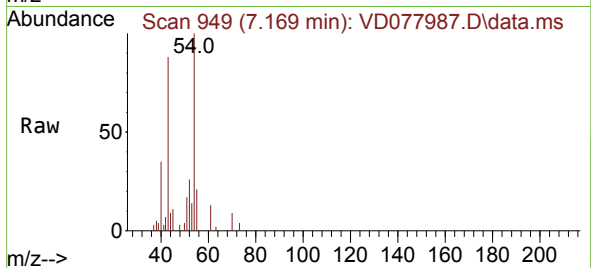
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

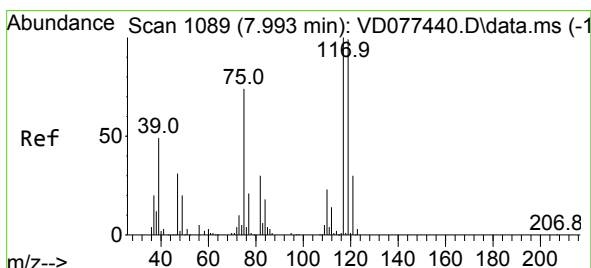
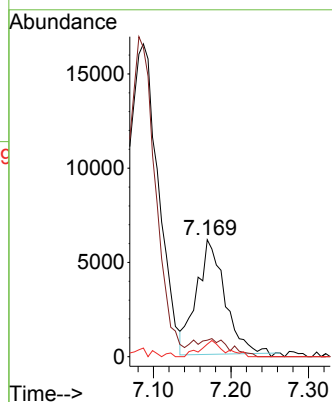
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 15330
Ion Ratio	Lower Upper
43	100
61	0.0 14.9 22.3#
70	11.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 17.445 ug/l

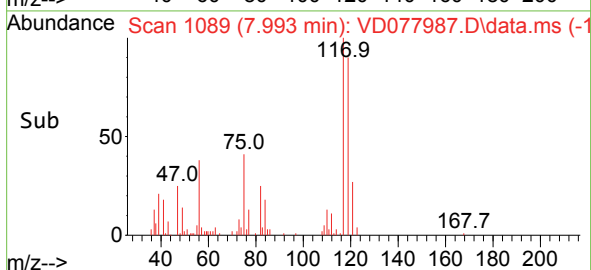
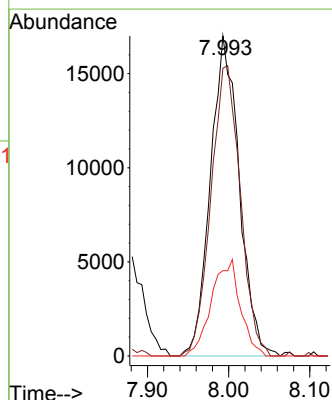
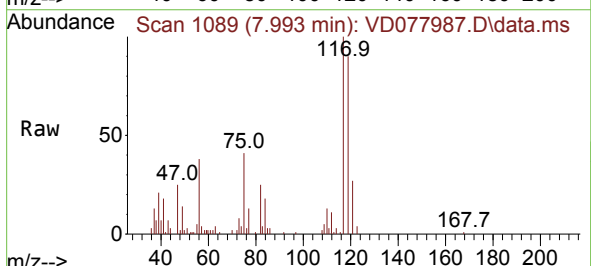
RT: 7.993 min Scan# 1089

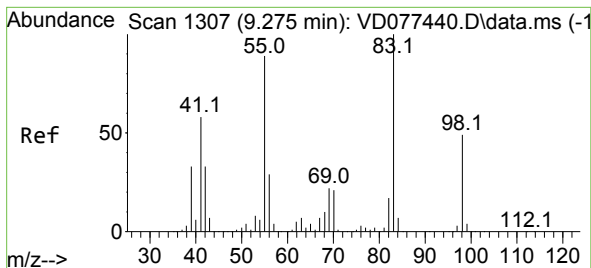
Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Tgt Ion: 117	Resp: 41967
Ion Ratio	Lower Upper
117	100
119	89.9 78.0 117.0
121	26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 16.045 ug/l

RT: 9.275 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :

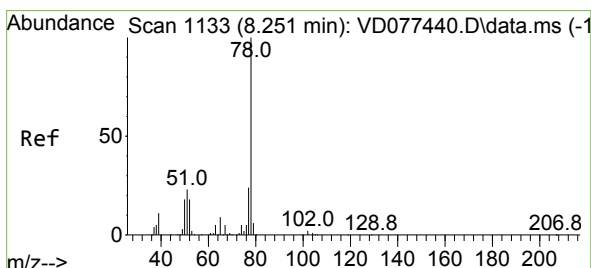
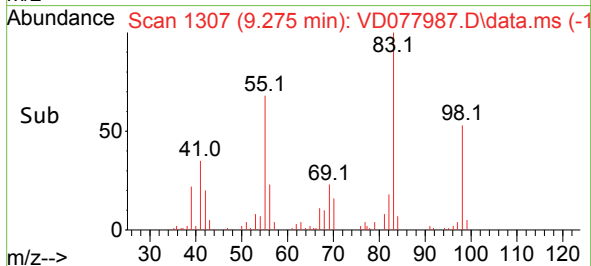
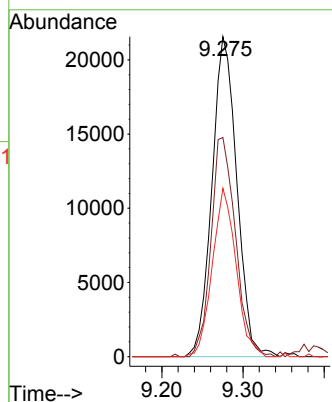
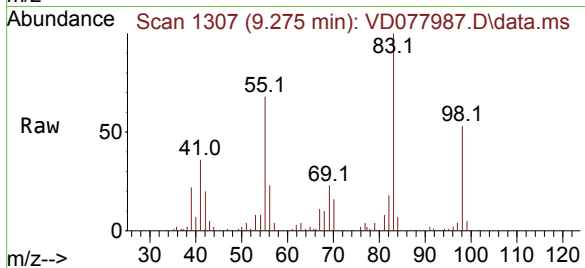
Tgt Ion: 83 Resp: 45900

Ion Ratio Lower Upper

83 100

55 68.5 49.4 74.0

98 52.6 38.4 57.6



#40

Benzene

Concen: 17.202 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077987.D

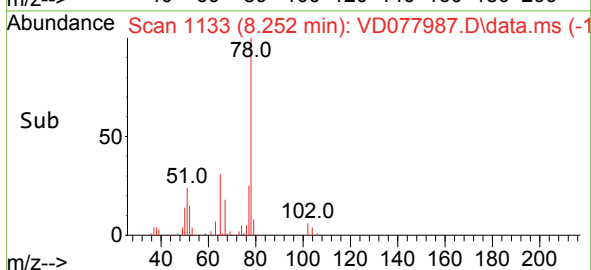
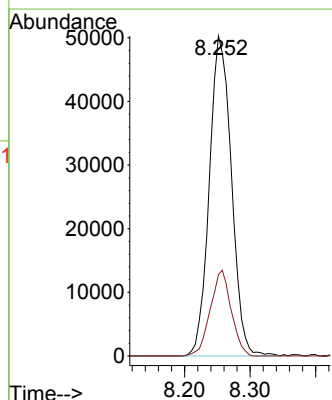
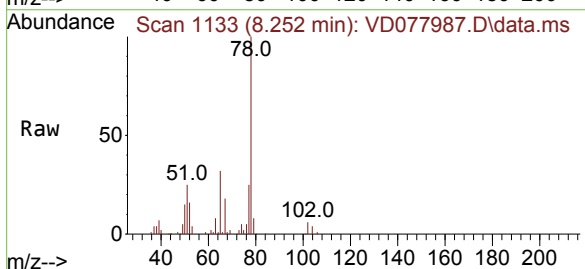
Acq: 20 Dec 2023 11:07

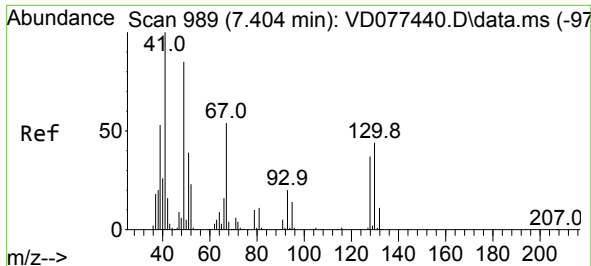
Tgt Ion: 78 Resp: 117816

Ion Ratio Lower Upper

78 100

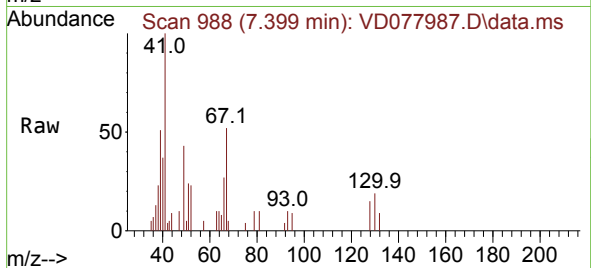
77 25.4 19.4 29.0



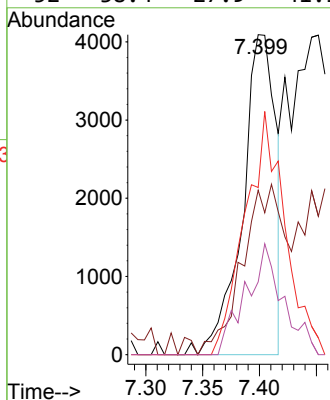
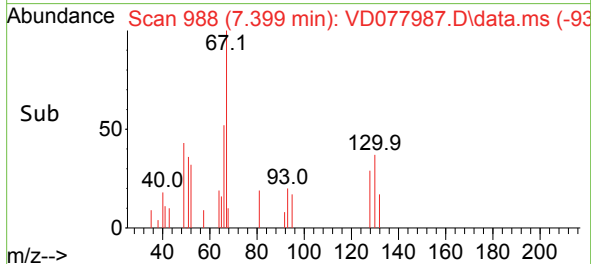


#41
Methacrylonitrile
Concen: 17.479 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

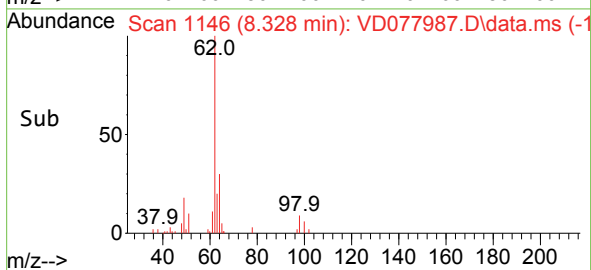
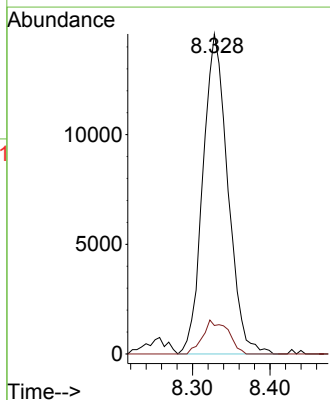
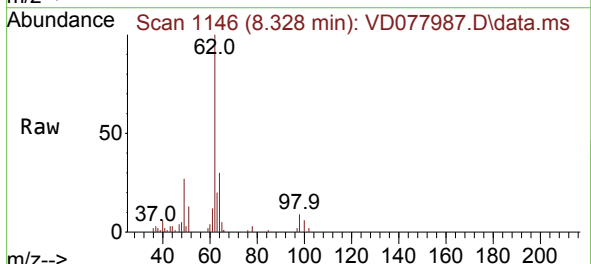


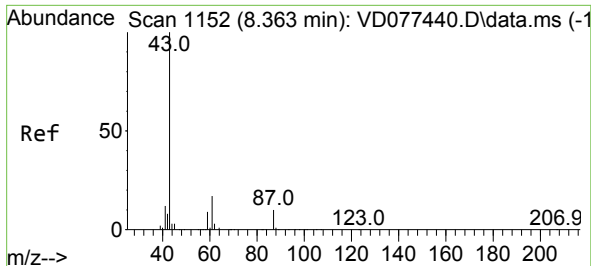
Tgt Ion: 41 Resp: 8359
Ion Ratio Lower Upper
41 100
39 68.7 34.0 51.0#
67 90.5 77.0 115.4
52 38.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 18.397 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

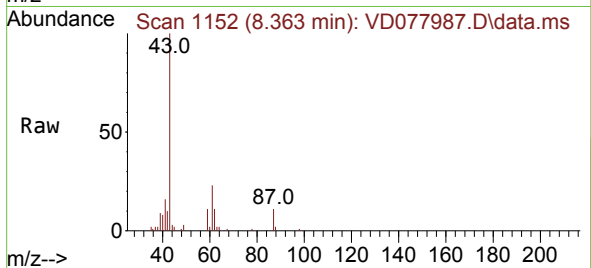
Tgt Ion: 62 Resp: 32660
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4



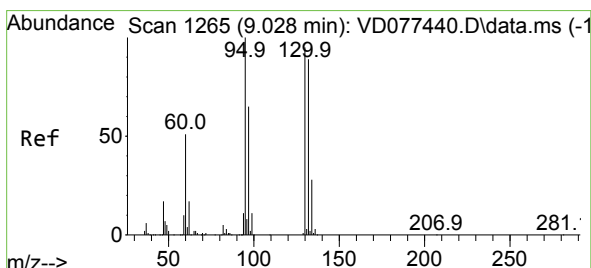
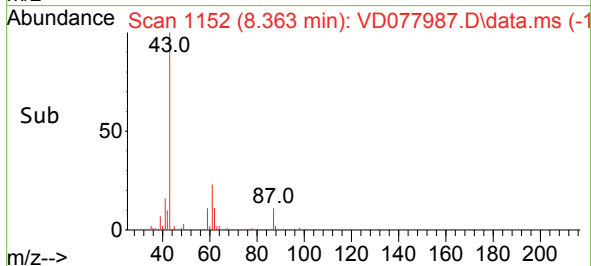
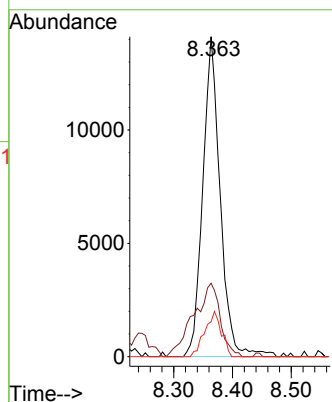


#43
Isopropyl Acetate
Concen: 17.348 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

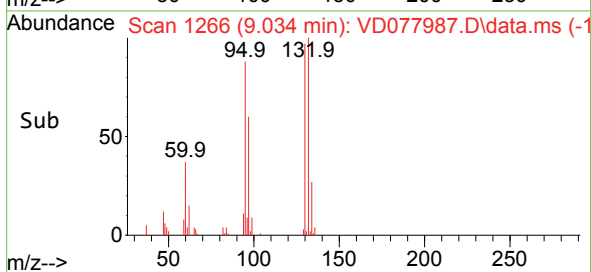
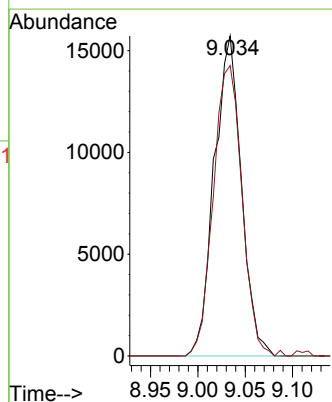
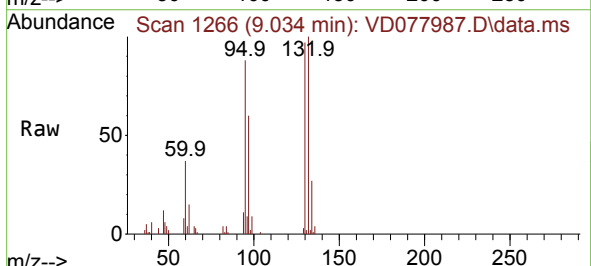


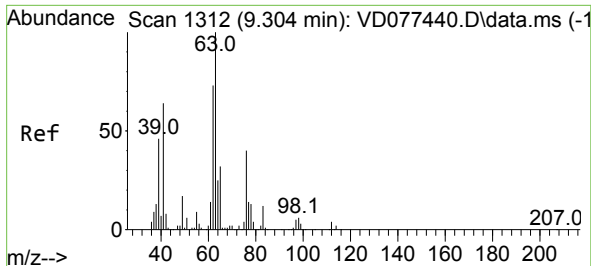
Tgt Ion: 43 Resp: 29017
Ion Ratio Lower Upper
43 100
61 35.1 31.4 47.0
87 13.4 14.9 22.3#



#44
Trichloroethene
Concen: 17.530 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:130 Resp: 31288
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 18.606 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.001 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

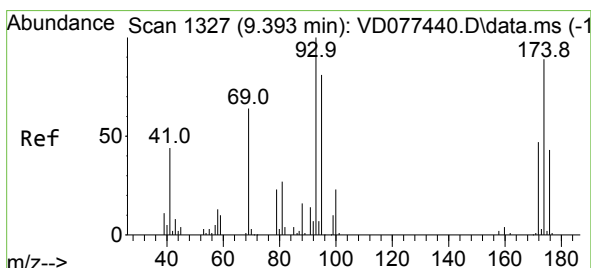
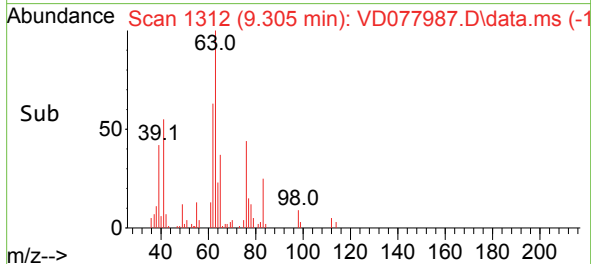
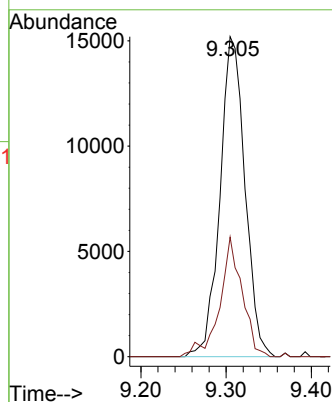
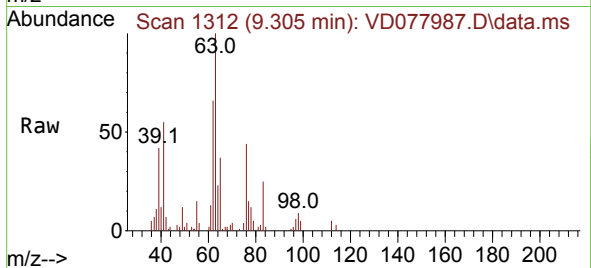
ClientSampleId :

Tgt Ion: 63 Resp: 30978

Ion Ratio Lower Upper

63 100

65 37.4 24.5 36.7#



#46

Dibromomethane

Concen: 18.661 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

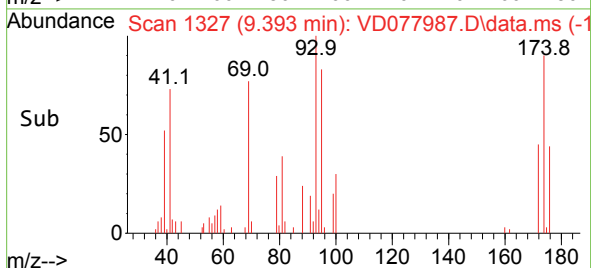
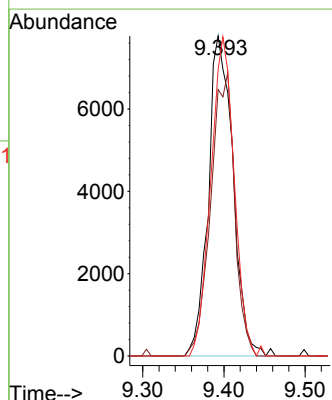
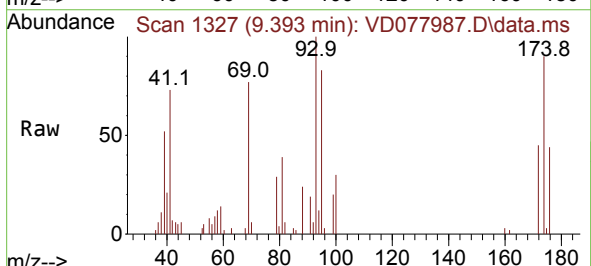
Tgt Ion: 93 Resp: 16439

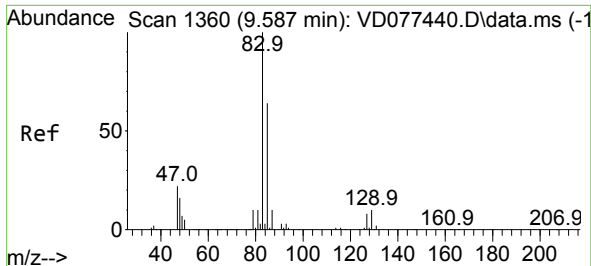
Ion Ratio Lower Upper

93 100

95 85.3 67.7 101.5

174 95.0 85.4 128.2

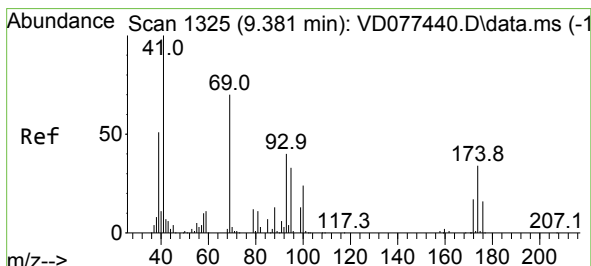
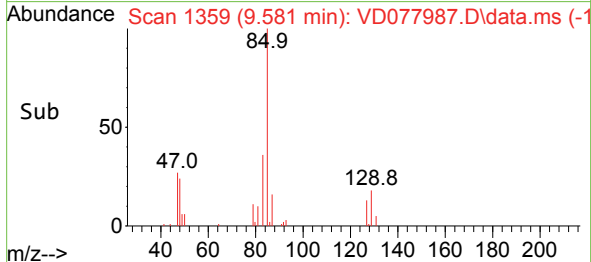
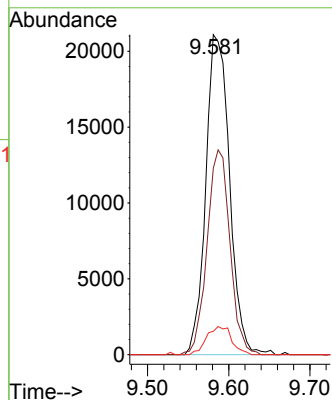
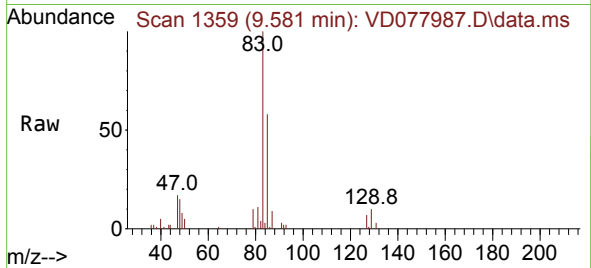




#47
Bromodichloromethane
Concen: 19.209 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

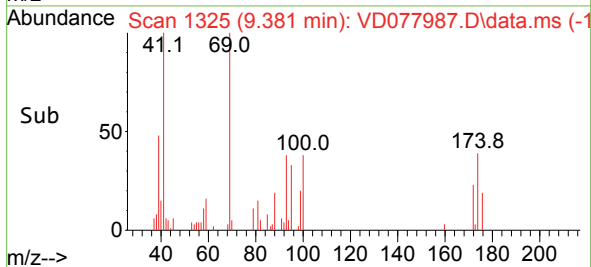
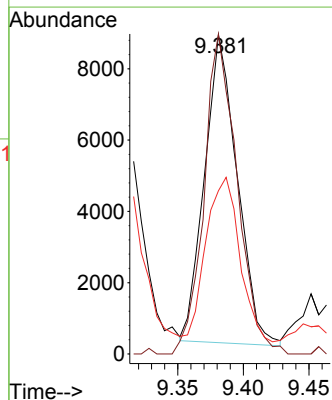
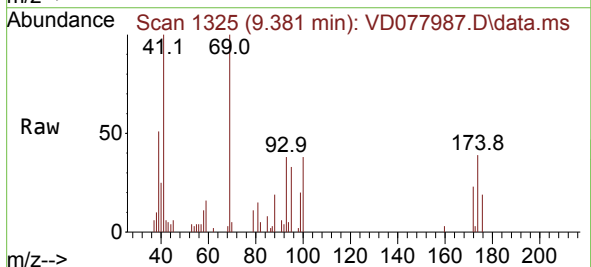
Instrument :
MSVOA_D
ClientSampleId :

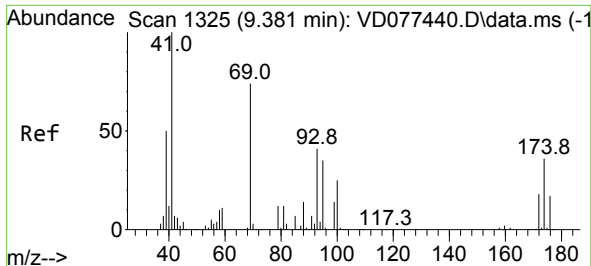
Tgt Ion: 83 Resp: 42892
Ion Ratio Lower Upper
83 100
85 58.3 50.2 75.4
127 7.3 6.3 9.5



#48
Methyl methacrylate
Concen: 15.693 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 41 Resp: 14921
Ion Ratio Lower Upper
41 100
69 105.5 102.2 153.2
39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 449.159 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

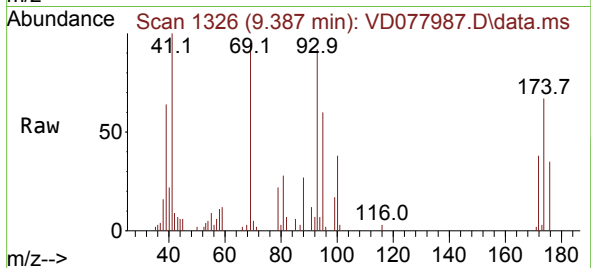
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :



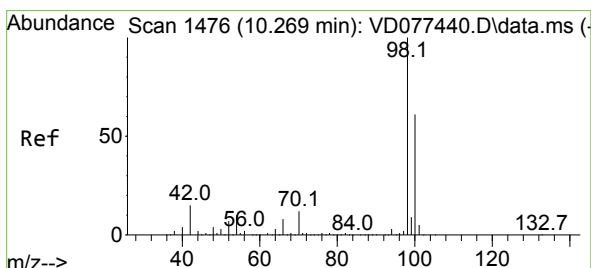
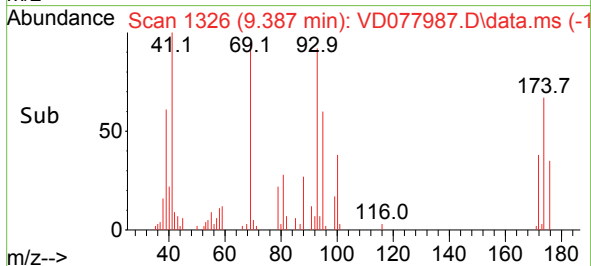
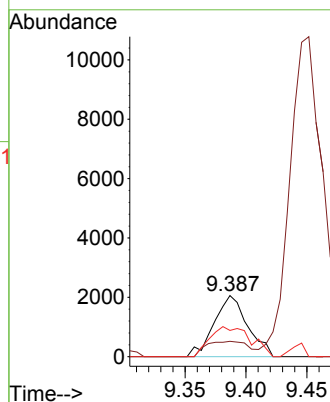
Tgt Ion: 88 Resp: 3929

Ion Ratio Lower Upper

88 100

43 32.9 19.0 28.6#

58 60.3 43.5 65.3



#50

Toluene-d8

Concen: 49.696 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077987.D

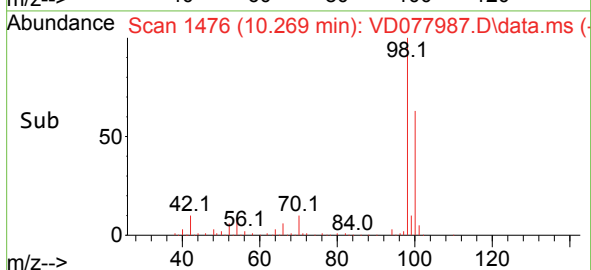
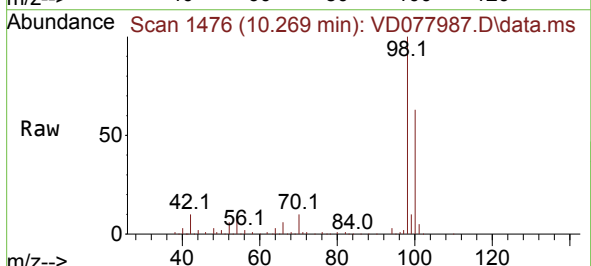
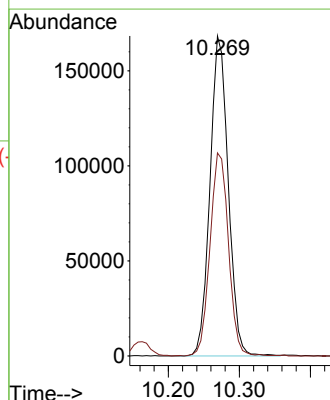
Acq: 20 Dec 2023 11:07

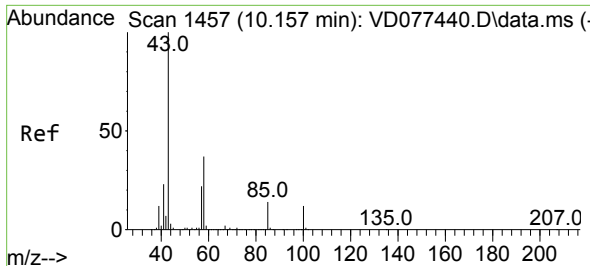
Tgt Ion: 98 Resp: 300271

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

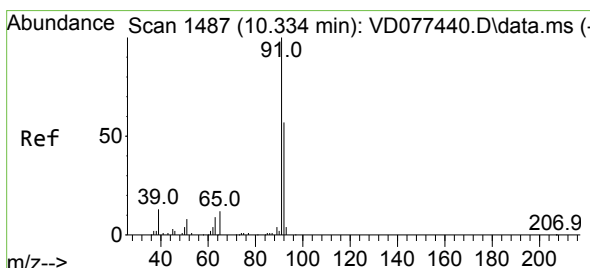
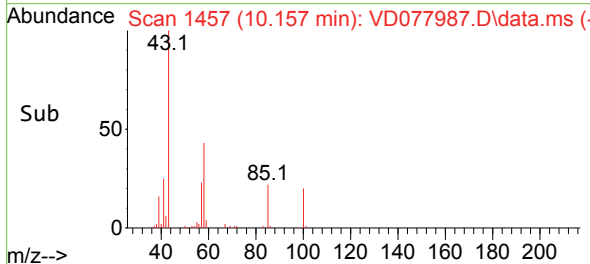
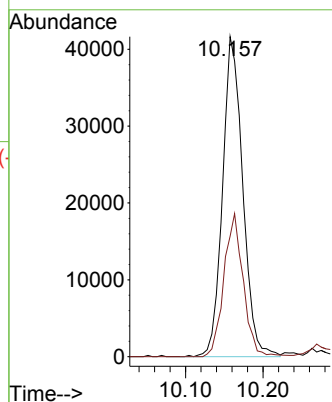
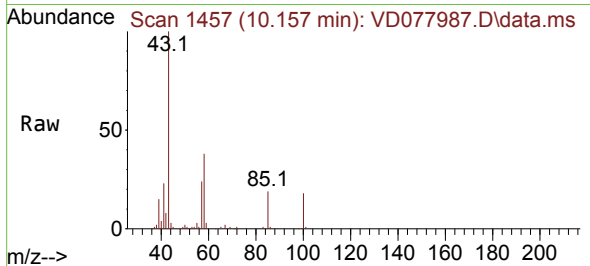




#51
4-Methyl-2-Pentanone
Concen: 88.462 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

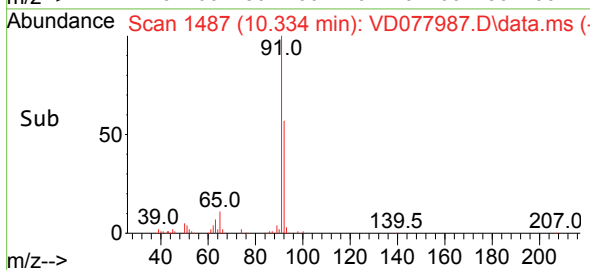
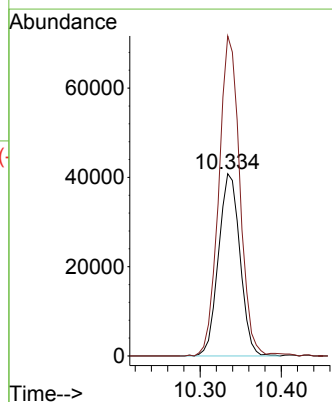
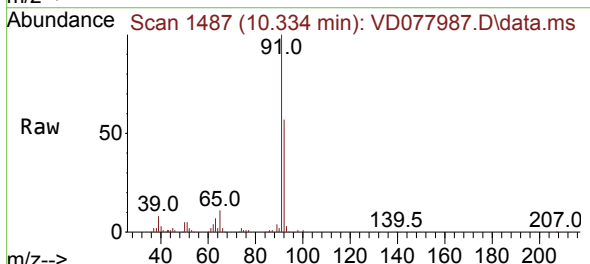
Instrument :
MSVOA_D
ClientSampleId :

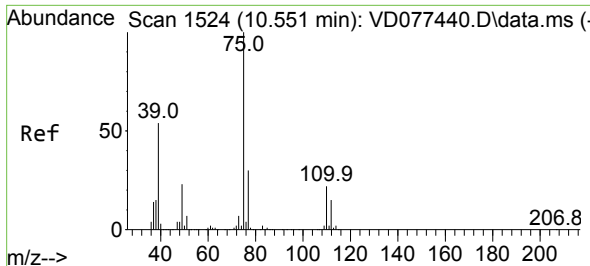
Tgt Ion: 43 Resp: 75514
Ion Ratio Lower Upper
43 100
58 42.9 38.9 58.3



#52
Toluene
Concen: 17.657 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

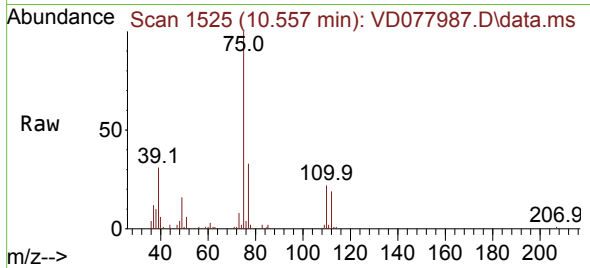
Tgt Ion: 92 Resp: 75012
Ion Ratio Lower Upper
92 100
91 171.9 143.0 214.4



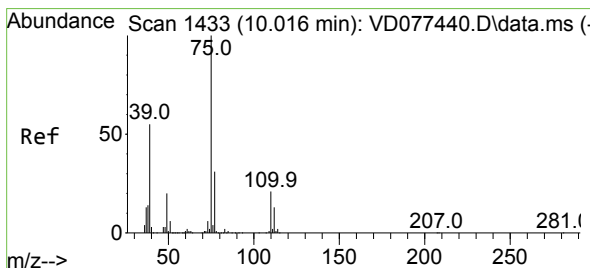
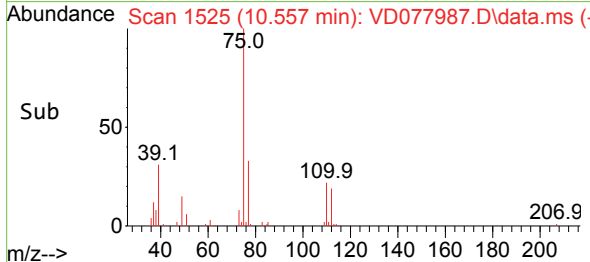
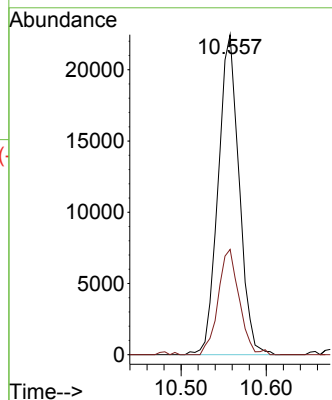


#53
 t-1,3-Dichloropropene
 Concen: 17.879 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

Instrument :
 MSVOA_D
 ClientSampleId :

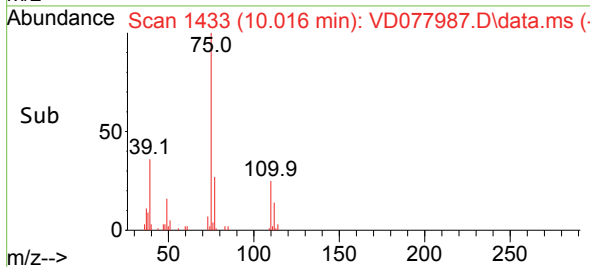
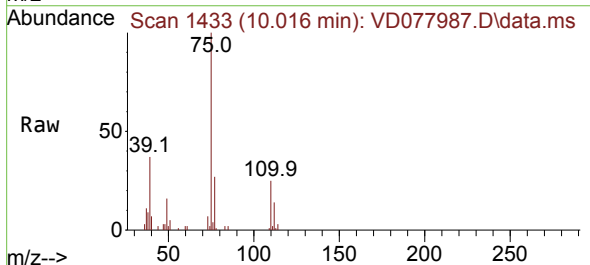
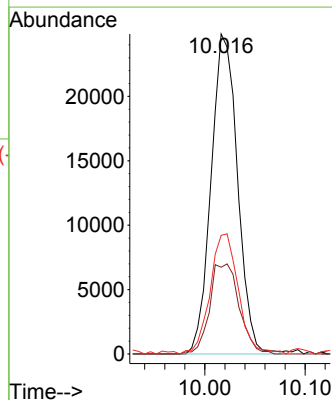


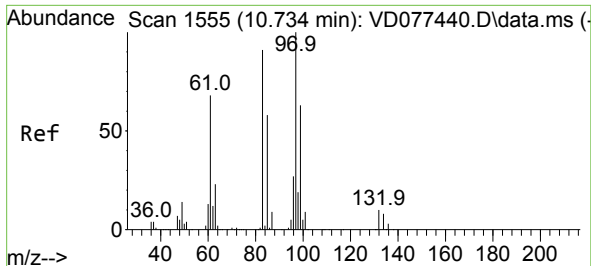
Tgt Ion: 75 Resp: 38337
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 17.526 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

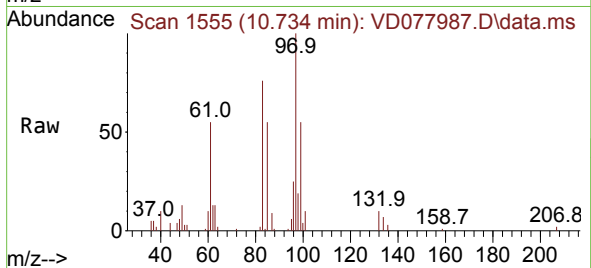
Tgt Ion: 75 Resp: 45435
 Ion Ratio Lower Upper
 75 100
 77 27.1 25.5 38.3
 39 37.0 22.1 33.1#



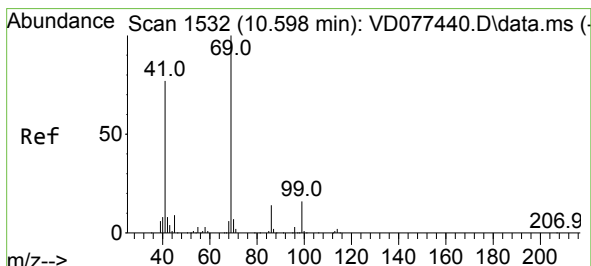
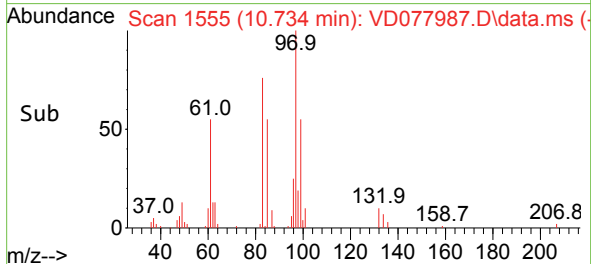
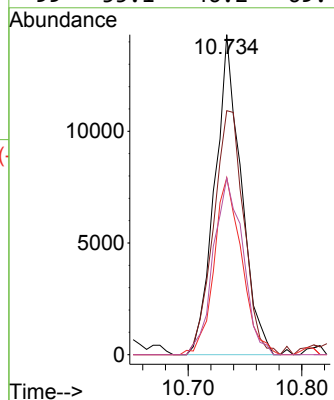


#55
1,1,2-Trichloroethane
Concen: 19.123 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

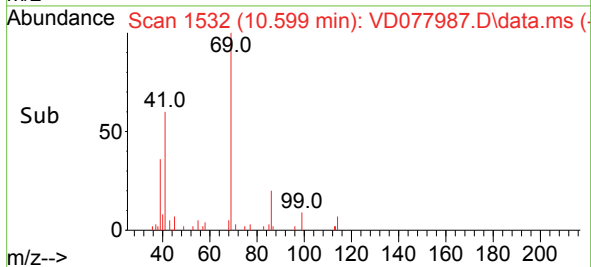
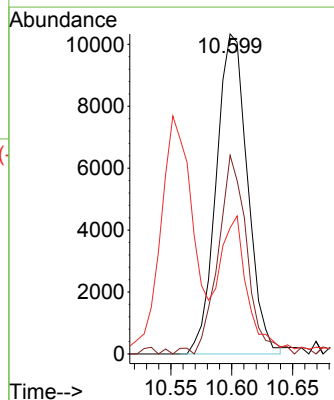
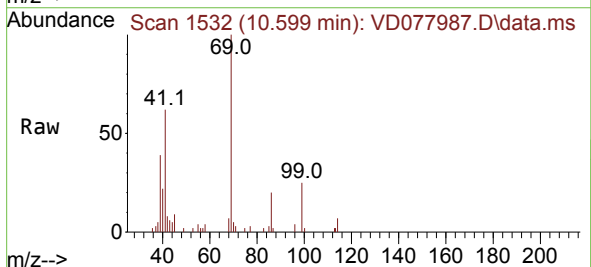


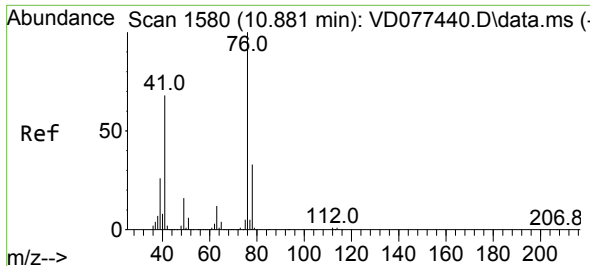
Tgt Ion:	97	Resp:	23043
Ion	Ratio	Lower	Upper
97	100		
83	76.2	65.8	98.6
85	55.3	45.7	68.5
99	55.1	46.2	69.4



#56
Ethyl methacrylate
Concen: 17.382 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:	69	Resp:	18464
Ion	Ratio	Lower	Upper
69	100		
41	57.3	39.1	58.7
39	35.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 18.924 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

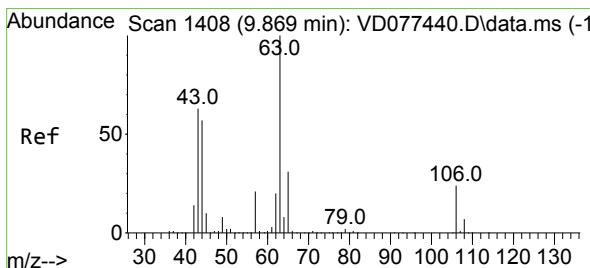
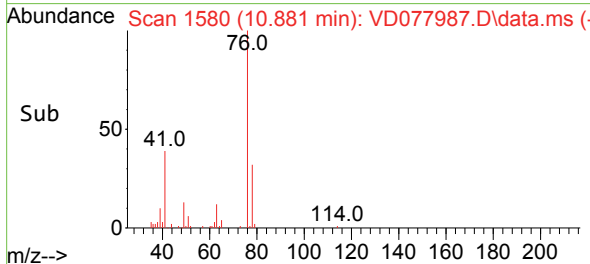
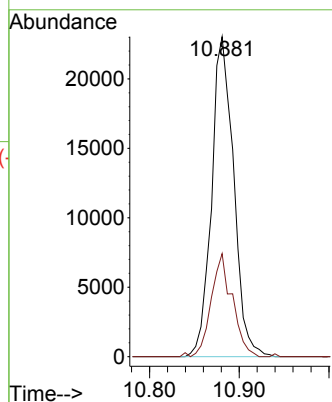
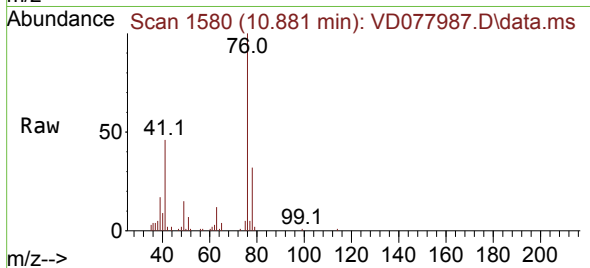
ClientSampleId :

Tgt Ion: 76 Resp: 39306

Ion Ratio Lower Upper

76 100

78 30.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 74.788 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077987.D

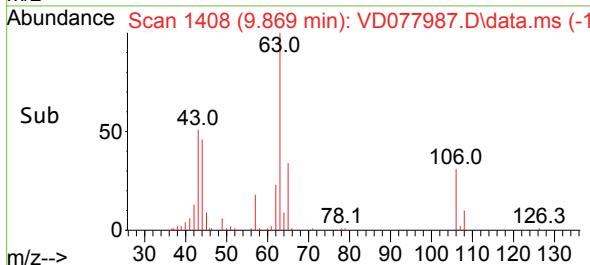
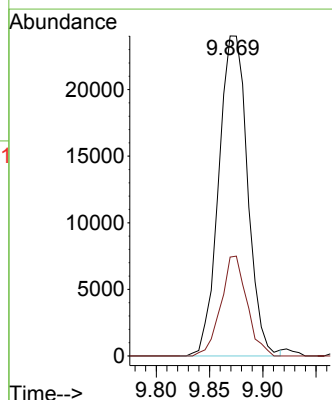
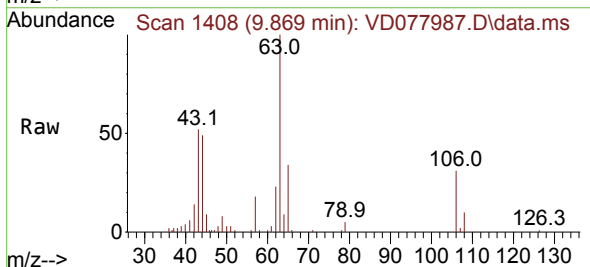
Acq: 20 Dec 2023 11:07

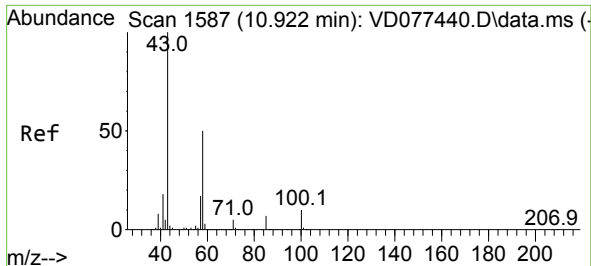
Tgt Ion: 63 Resp: 45304

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

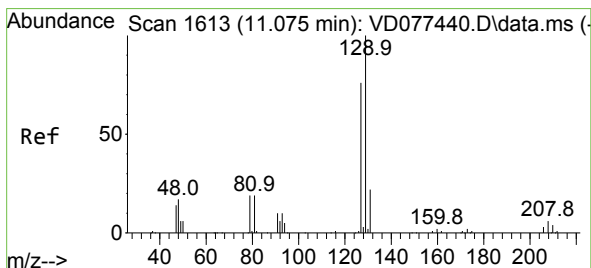
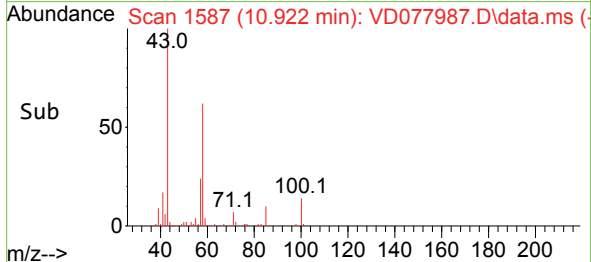
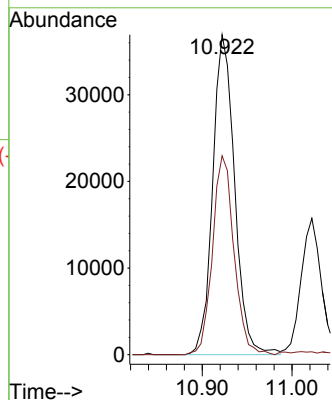
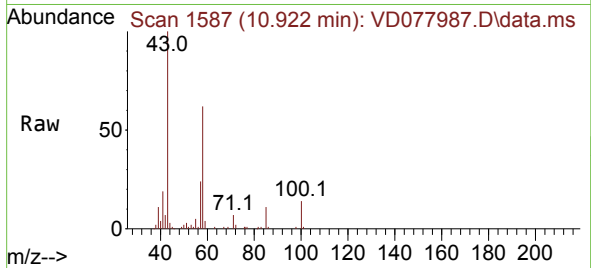




#59
2-Hexanone
Concen: 88.364 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

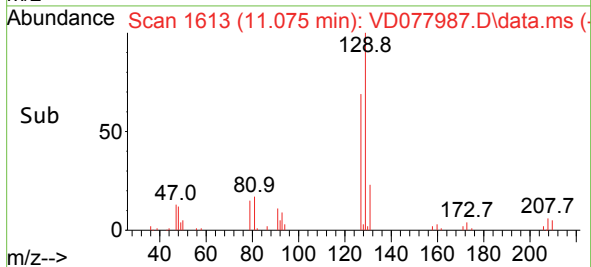
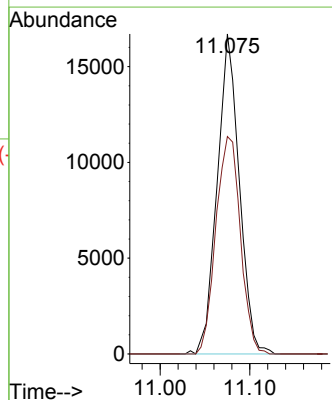
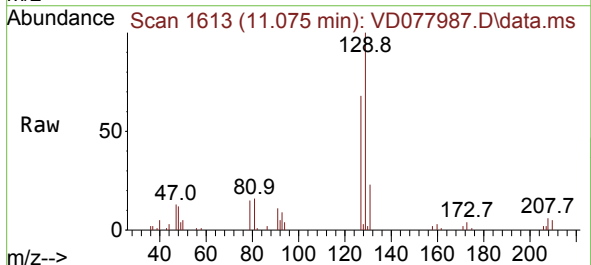
Instrument :
MSVOA_D
ClientSampleId :

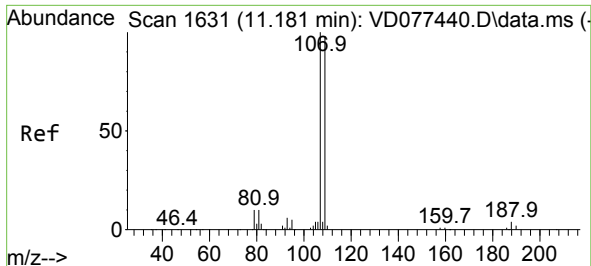
Tgt Ion: 43 Resp: 62580
Ion Ratio Lower Upper
43 100
58 61.0 34.1 102.2



#60
Dibromochloromethane
Concen: 19.696 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 129 Resp: 28574
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5

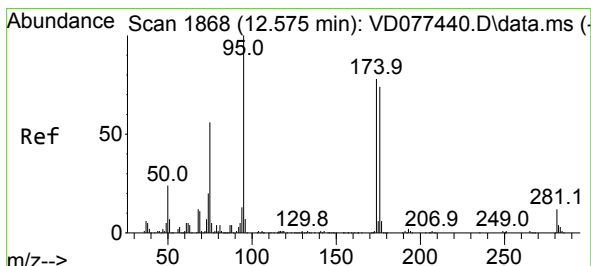
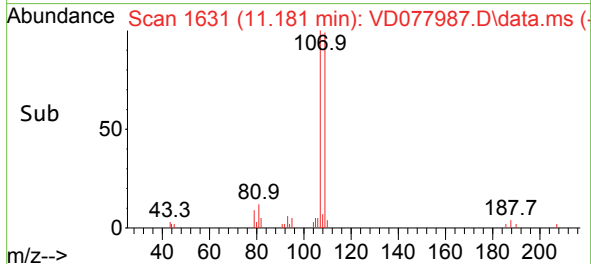
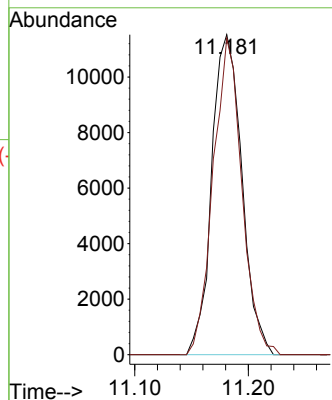
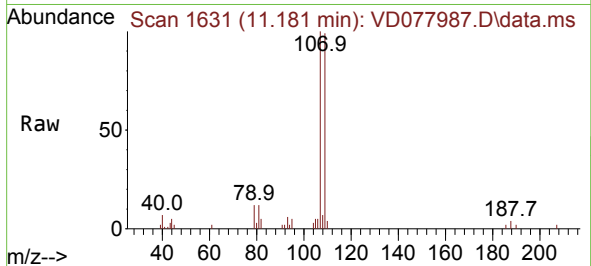




#61
1,2-Dibromoethane
Concen: 18.698 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

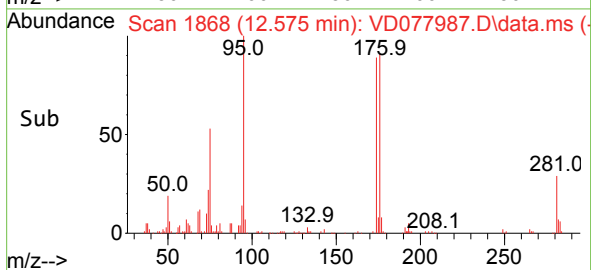
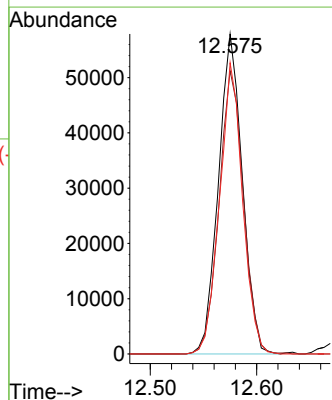
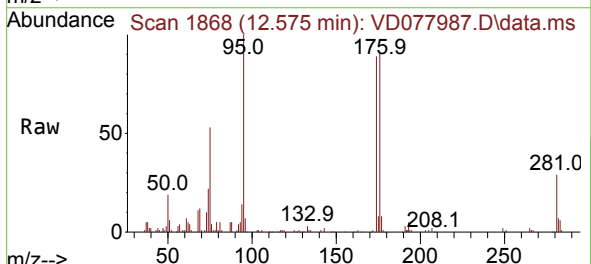
Instrument :
MSVOA_D
ClientSampleId :

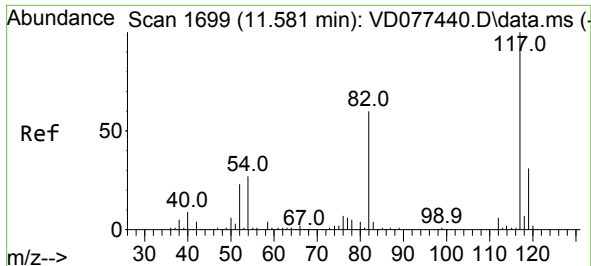
Tgt Ion:107 Resp: 21209
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.890 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 95 Resp: 90124
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 87.6 0.0 191.8

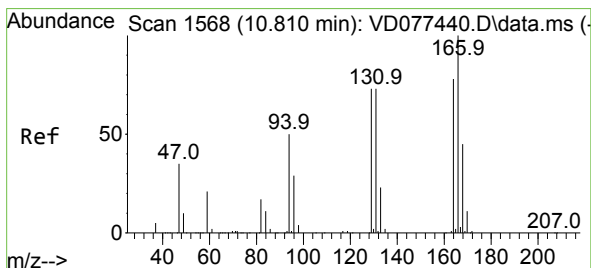
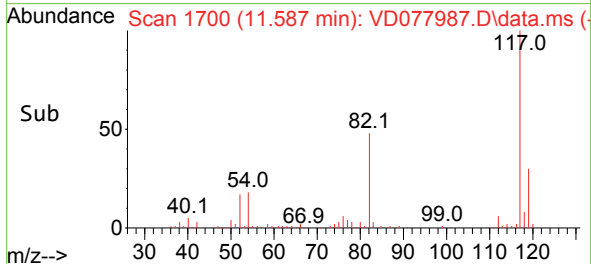
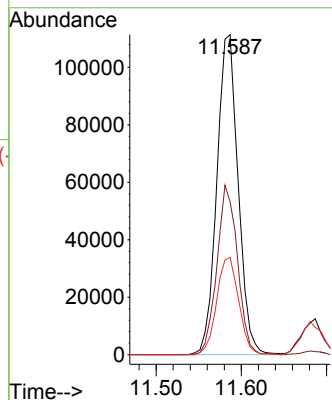
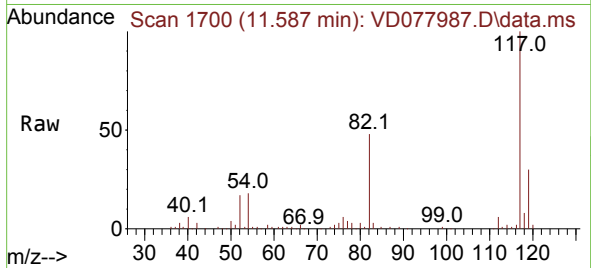




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

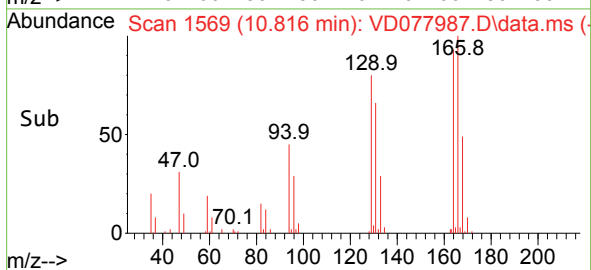
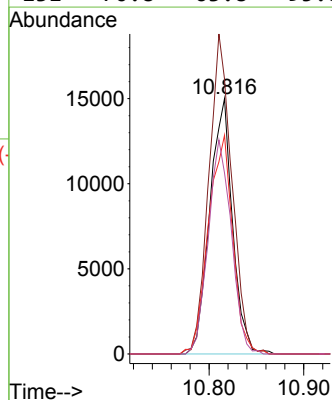
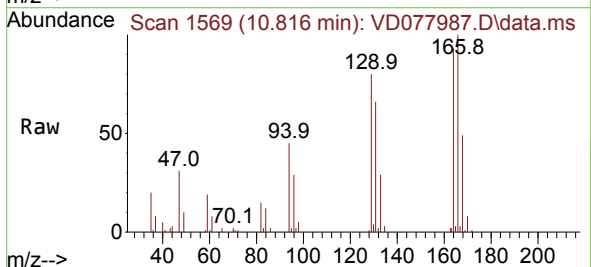
Instrument :
MSVOA_D
ClientSampleId :

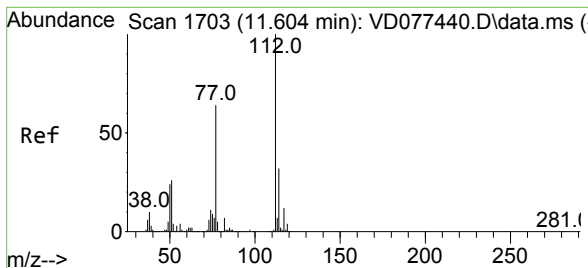
Tgt Ion:117 Resp: 193796
Ion Ratio Lower Upper
117 100
82 47.8 38.3 57.5
119 30.4 25.0 37.4



#64
Tetrachloroethene
Concen: 17.569 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:164 Resp: 25025
Ion Ratio Lower Upper
164 100
166 107.7 99.2 148.8
129 85.7 68.4 102.6
131 70.8 63.8 95.8





#65

Chlorobenzene

Concen: 16.625 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

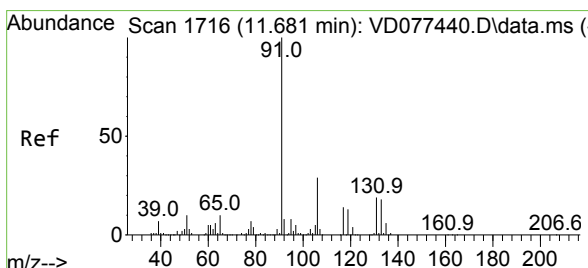
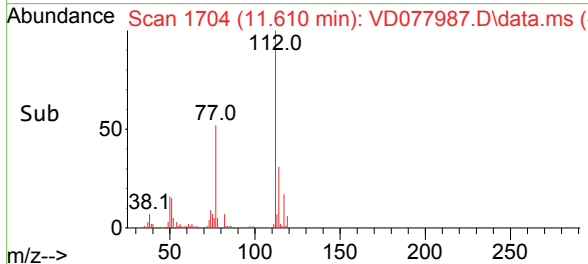
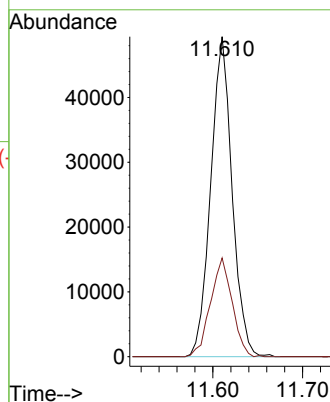
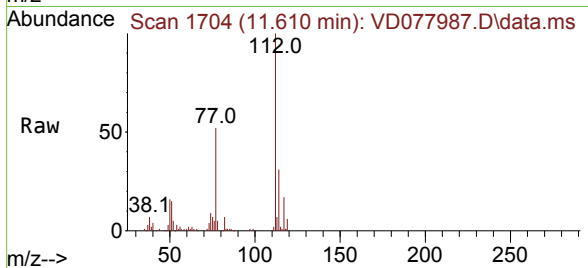
ClientSampleId :

Tgt Ion:112 Resp: 81614

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 18.901 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

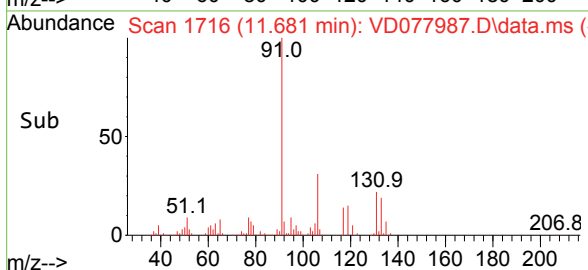
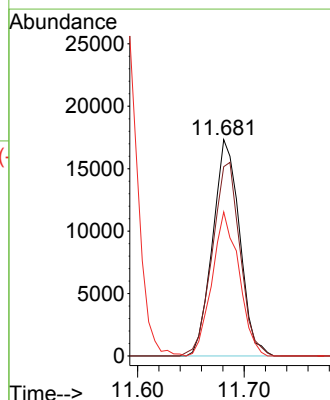
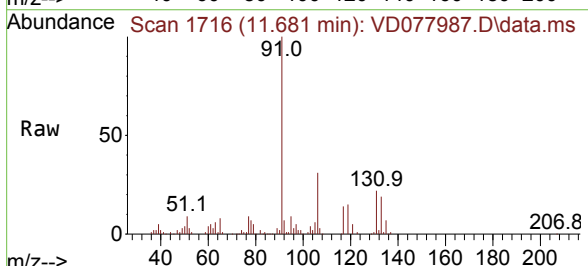
Tgt Ion:131 Resp: 30459

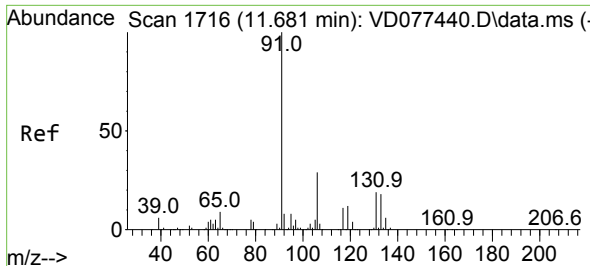
Ion Ratio Lower Upper

131 100

133 92.3 48.5 145.5

119 66.4 35.6 106.9

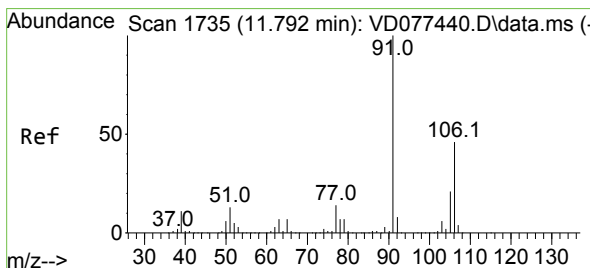
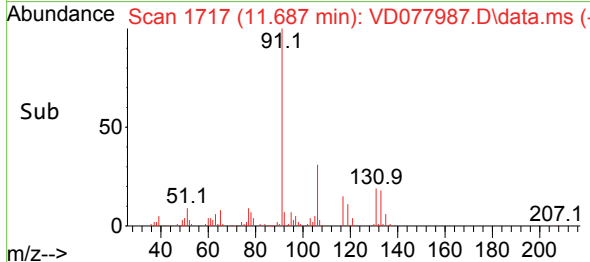
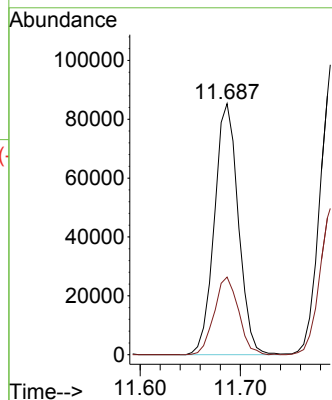
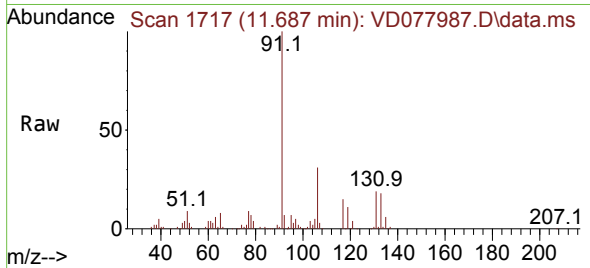




#67
Ethyl Benzene
Concen: 17.517 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

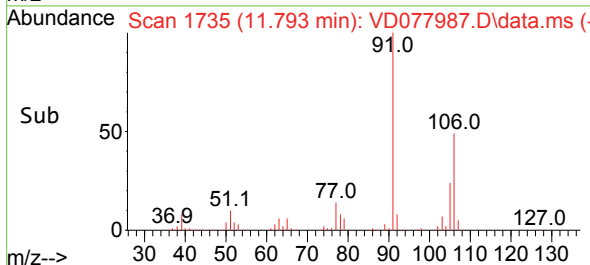
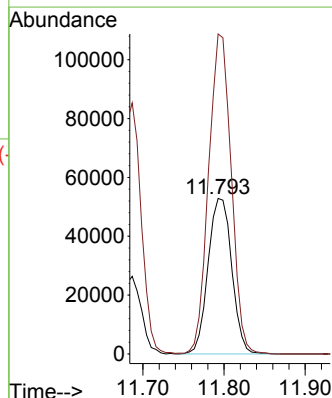
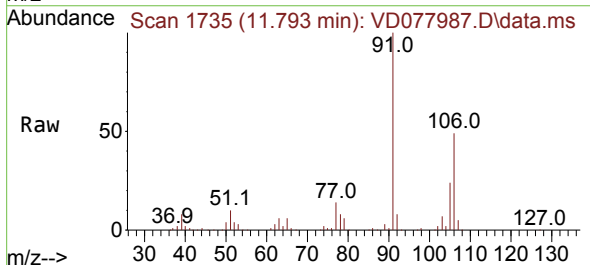
Instrument :
MSVOA_D
ClientSampleId :

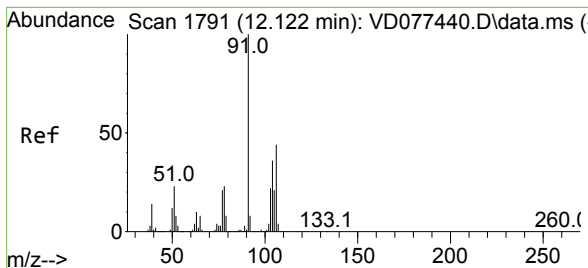
Tgt Ion: 91 Resp: 141334
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7



#68
m/p-Xylenes
Concen: 34.702 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:106 Resp: 107097
Ion Ratio Lower Upper
106 100
91 196.9 147.0 220.6

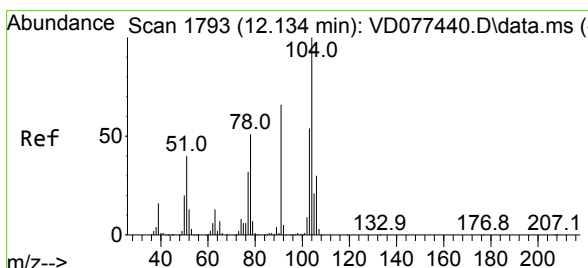
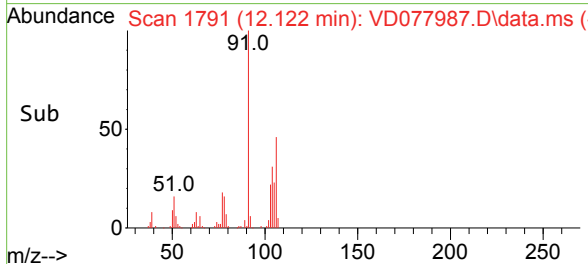
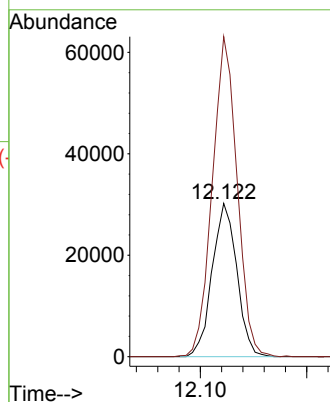
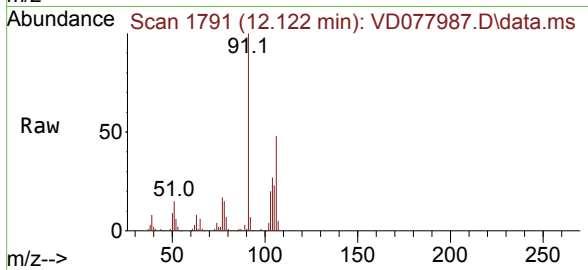




#69
o-Xylene
Concen: 17.072 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

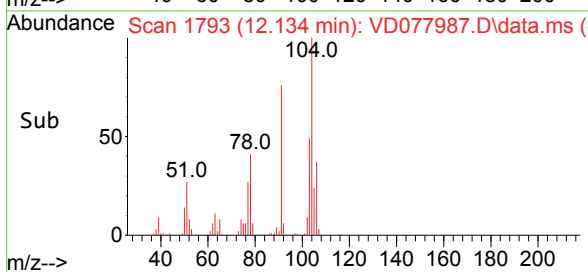
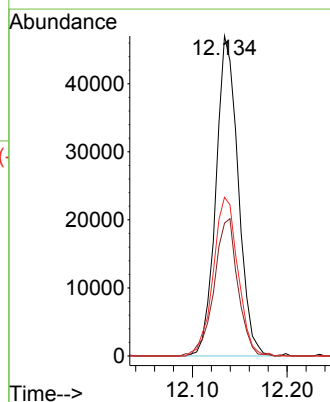
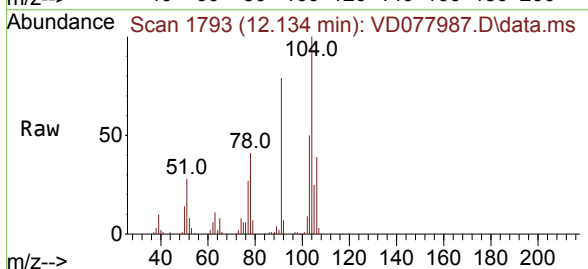
Instrument :
MSVOA_D
ClientSampleId :

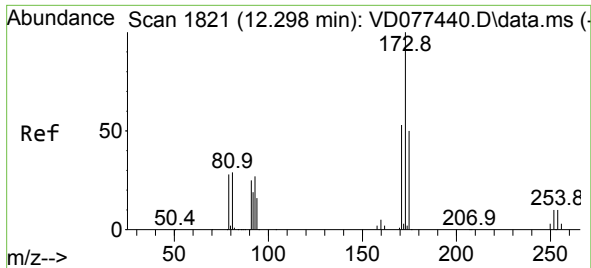
Tgt Ion:106 Resp: 48556
Ion Ratio Lower Upper
106 100
91 210.2 97.9 293.6



#70
Styrene
Concen: 18.159 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

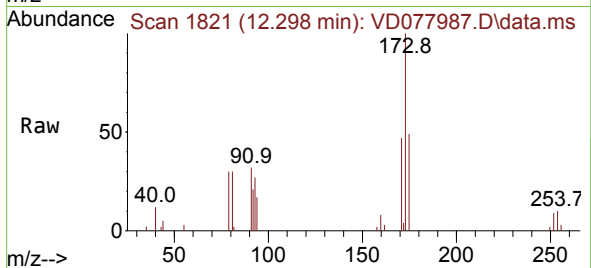
Tgt Ion:104 Resp: 76798
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 55.1 43.6 65.4



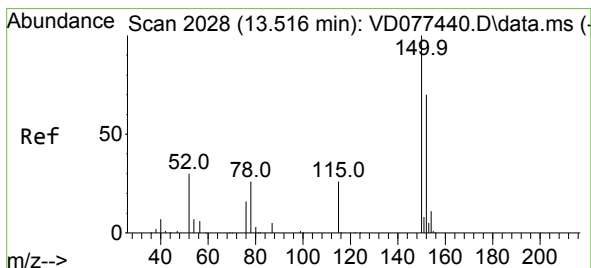
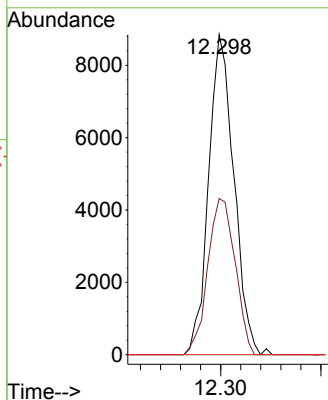
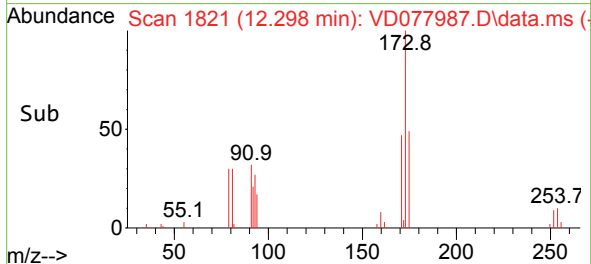


#71
Bromoform
Concen: 18.402 ug/l
RT: 12.298 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

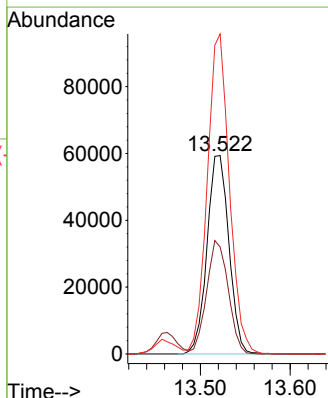
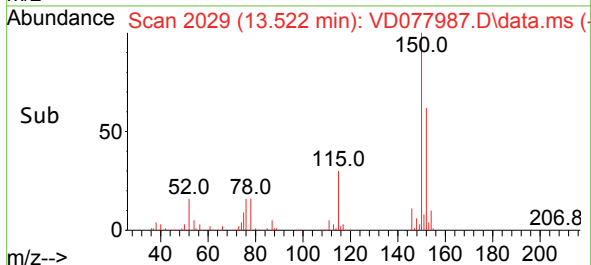
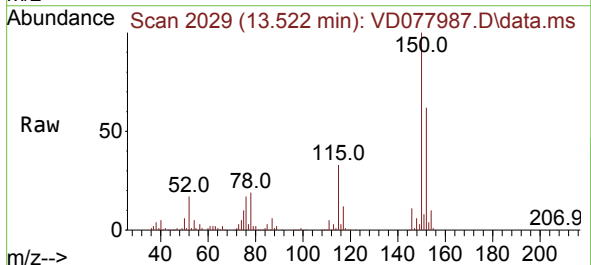


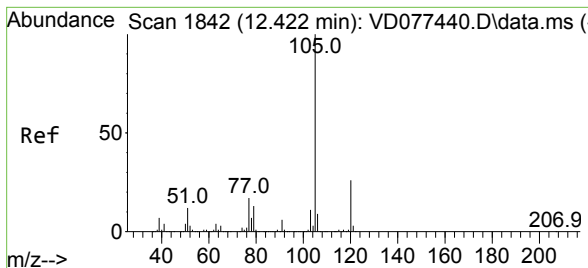
Tgt Ion:173 Resp: 15495
Ion Ratio Lower Upper
173 100
175 52.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:152 Resp: 100786
Ion Ratio Lower Upper
152 100
115 56.4 27.1 81.3
150 162.7 0.0 353.6





#73

Isopropylbenzene

Concen: 17.859 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

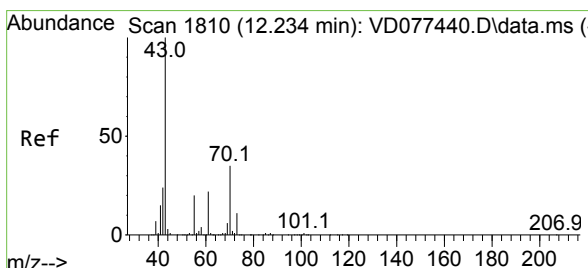
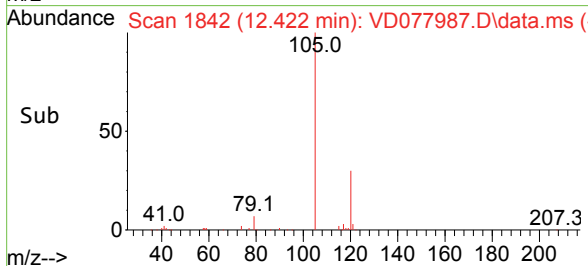
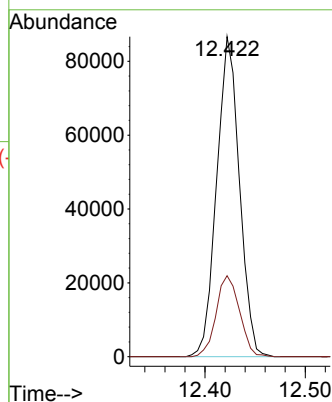
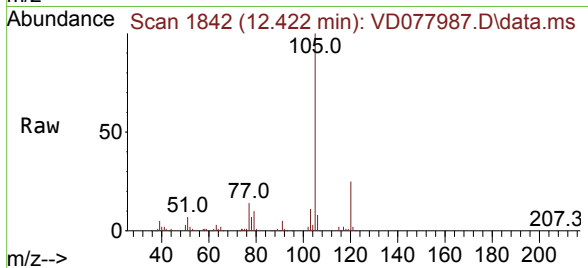
ClientSampleId :

Tgt Ion:105 Resp: 136422

Ion Ratio Lower Upper

105 100

120 26.0 14.3 42.9



#74

N-ethyl acetate

Concen: 16.616 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Tgt Ion: 43 Resp: 24949

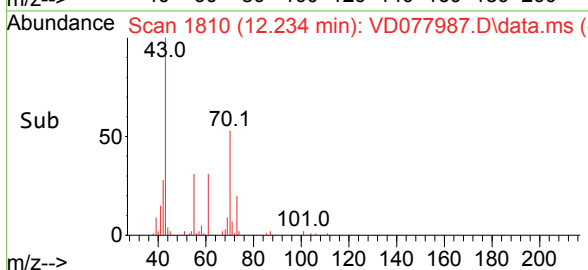
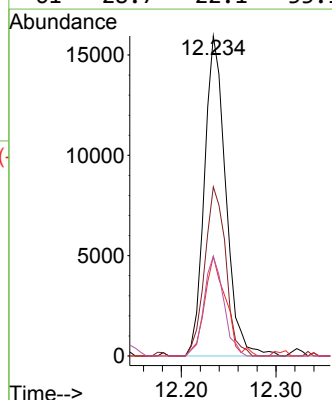
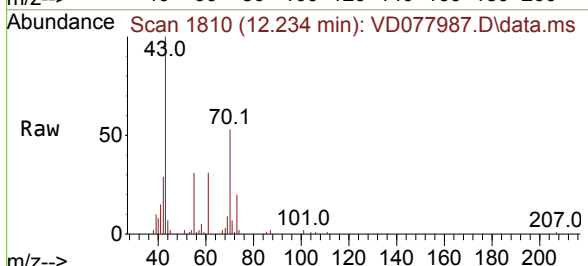
Ion Ratio Lower Upper

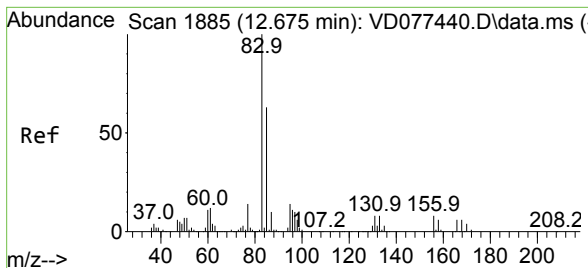
43 100

70 52.0 45.0 67.4

55 30.9 23.8 35.6

61 28.7 22.1 33.1

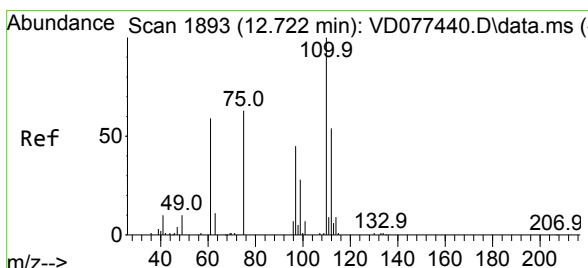
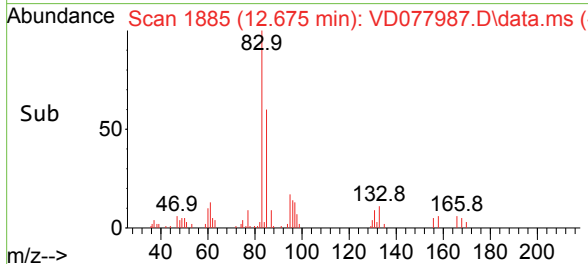
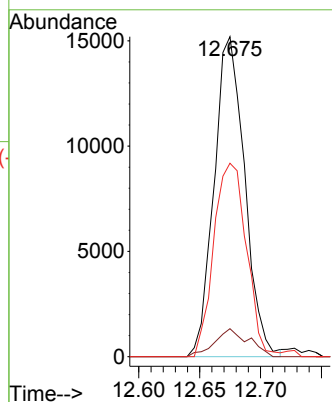
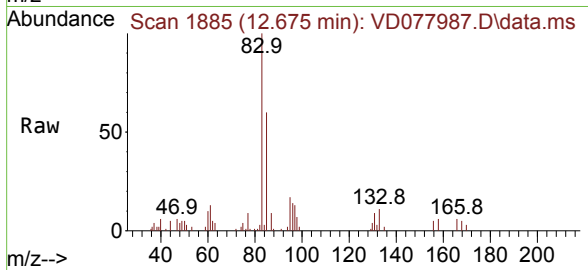




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.941 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

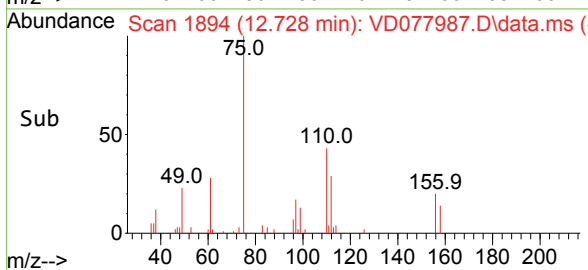
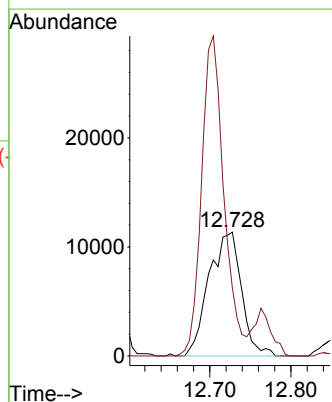
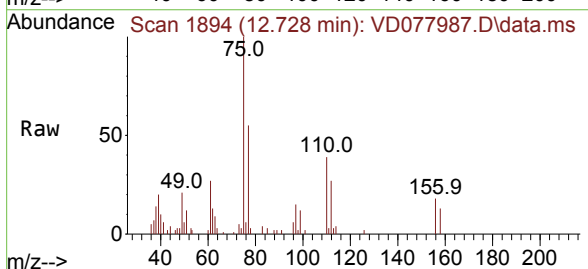
Instrument :
 MSVOA_D
 ClientSampleId :

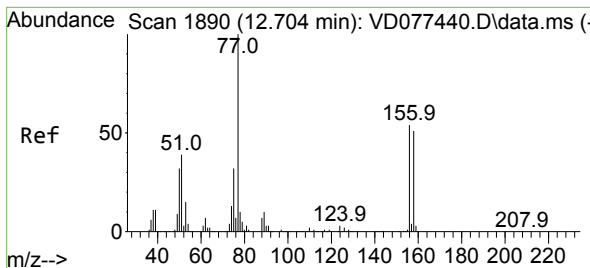
Tgt Ion: 83 Resp: 26560
 Ion Ratio Lower Upper
 83 100
 131 9.7 5.1 15.3
 85 64.6 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 36.047 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

Tgt Ion: 75 Resp: 31553
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 17.803 ug/l

RT: 12.704 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :

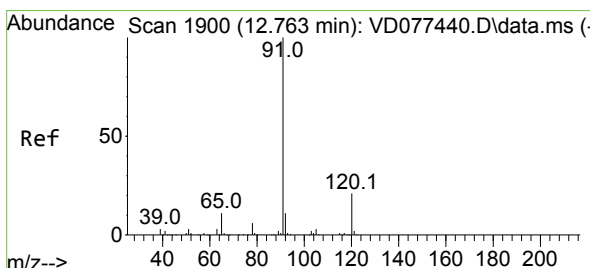
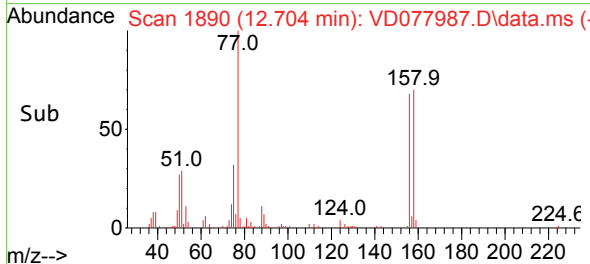
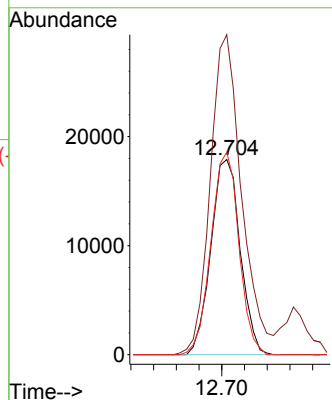
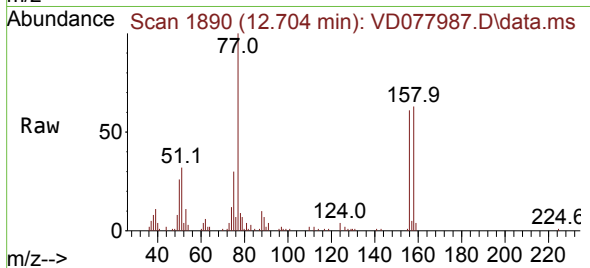
Tgt Ion:156 Resp: 31987

Ion Ratio Lower Upper

156 100

77 176.0 76.8 230.4

158 99.1 48.6 145.9



#78

n-propylbenzene

Concen: 17.463 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077987.D

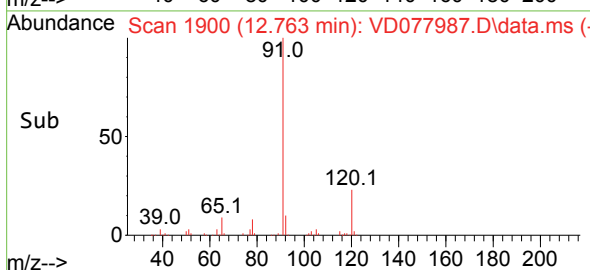
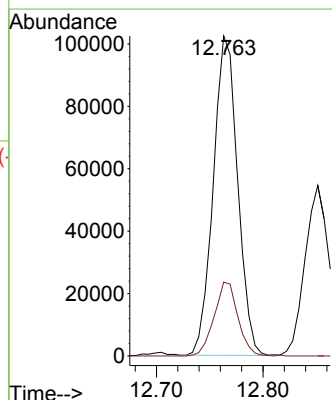
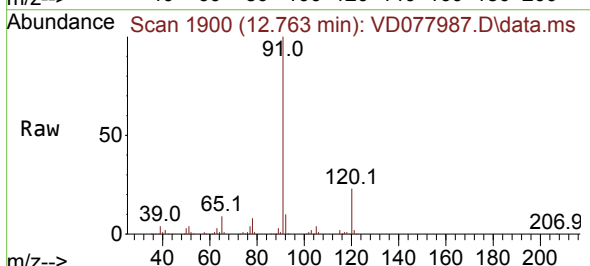
Acq: 20 Dec 2023 11:07

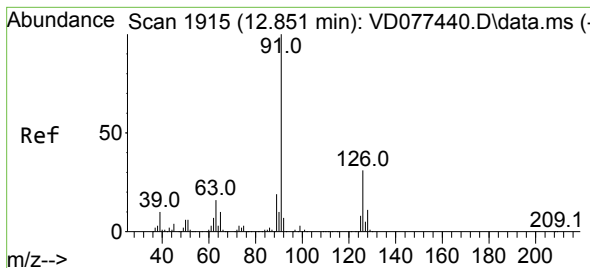
Tgt Ion: 91 Resp: 162544

Ion Ratio Lower Upper

91 100

120 22.6 12.4 37.2





#79

2-Chlorotoluene

Concen: 17.487 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

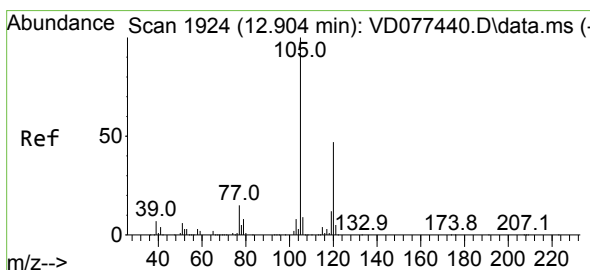
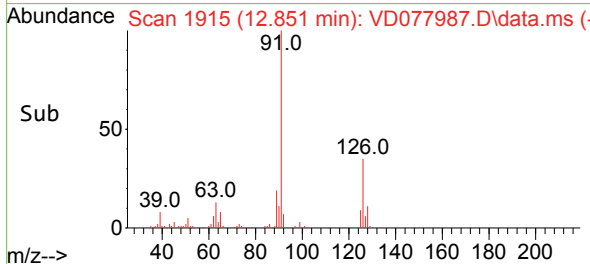
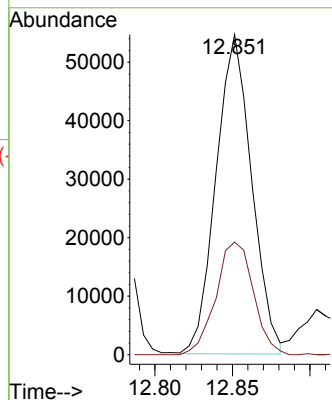
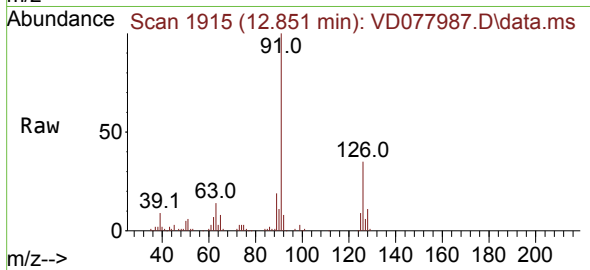
ClientSampleId :

Tgt Ion: 91 Resp: 87229

Ion Ratio Lower Upper

91 100

126 37.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 17.695 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077987.D

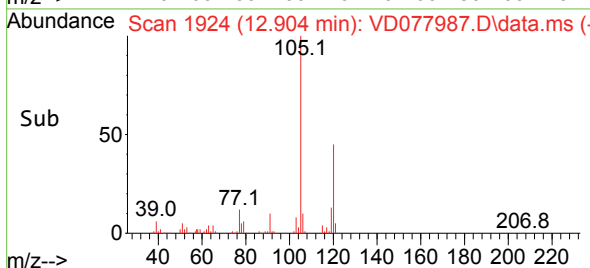
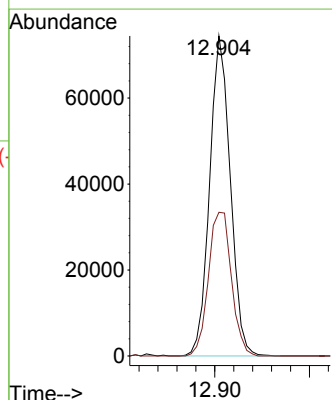
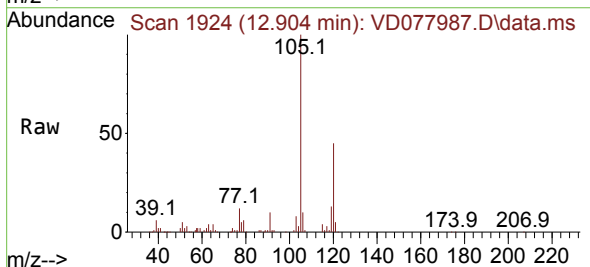
Acq: 20 Dec 2023 11:07

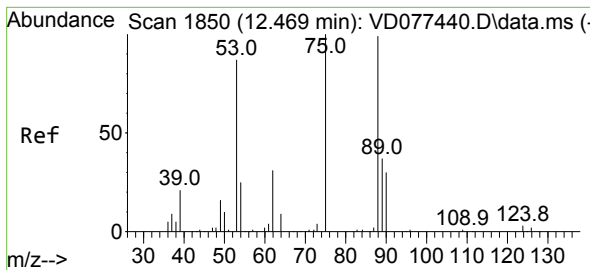
Tgt Ion:105 Resp: 112735

Ion Ratio Lower Upper

105 100

120 50.0 26.4 79.2

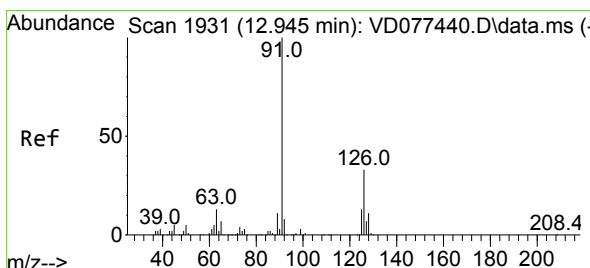
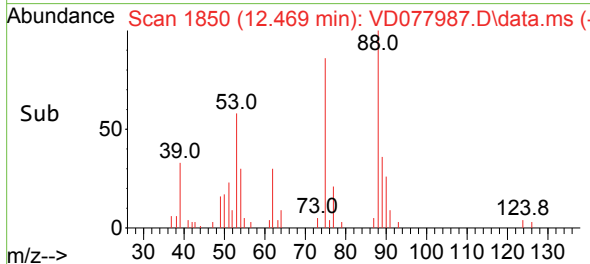
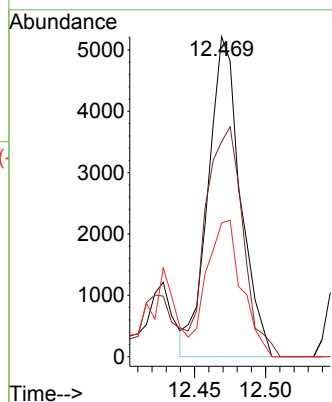
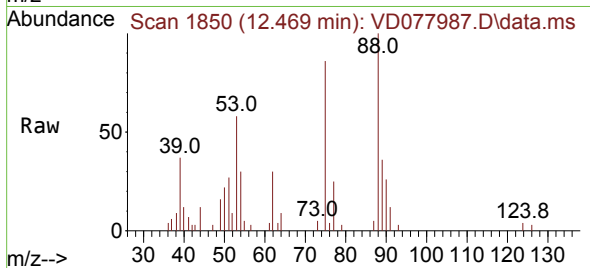




#81
trans-1,4-Dichloro-2-butene
Concen: 19.068 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

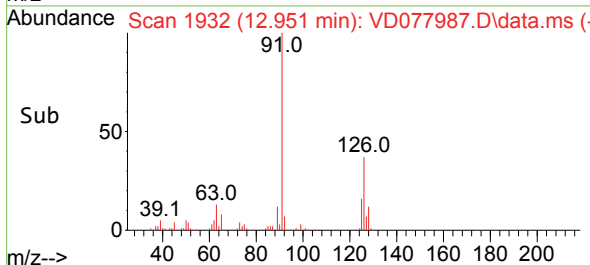
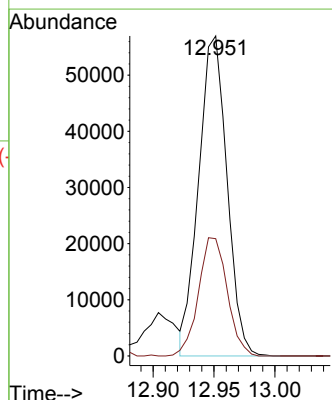
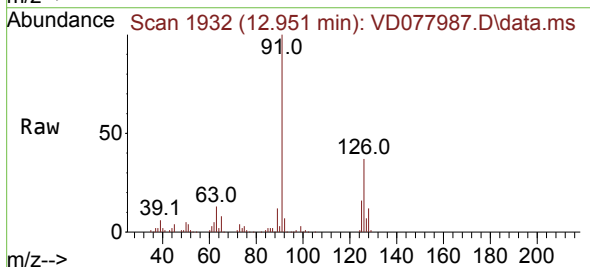
Instrument :
MSVOA_D
ClientSampleId :

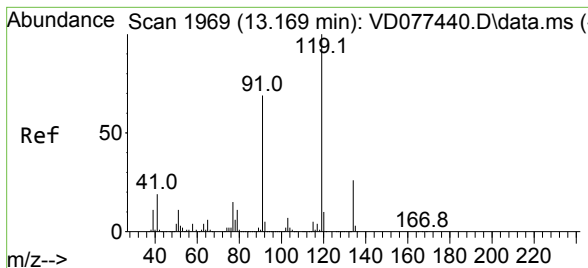
Tgt Ion: 75 Resp: 8238
Ion Ratio Lower Upper
75 100
53 81.4 63.0 94.4
89 46.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 17.718 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion: 91 Resp: 92397
Ion Ratio Lower Upper
91 100
126 37.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 17.861 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :

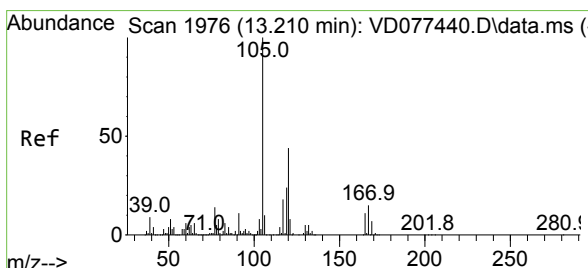
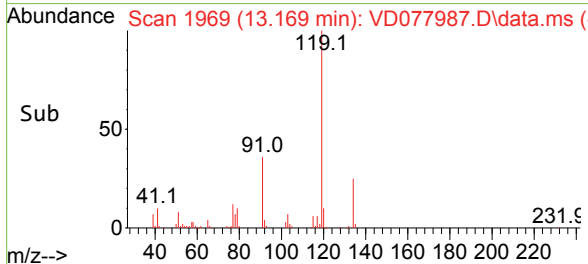
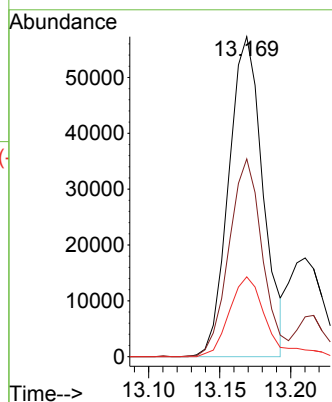
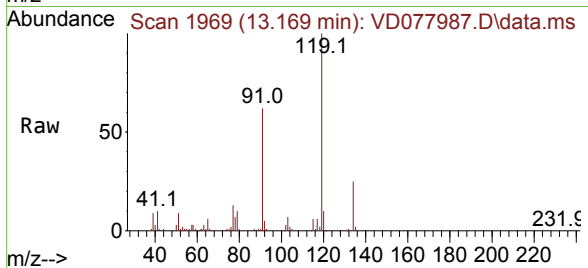
Tgt Ion:119 Resp: 96067

Ion Ratio Lower Upper

119 100

91 60.8 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 17.724 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077987.D

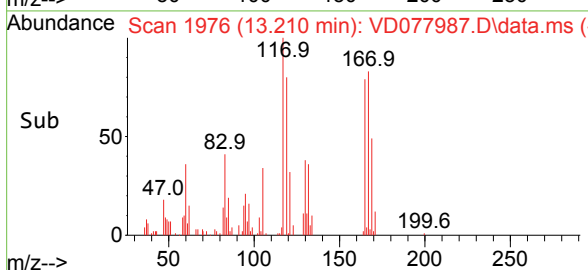
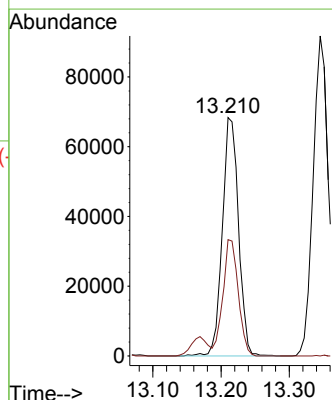
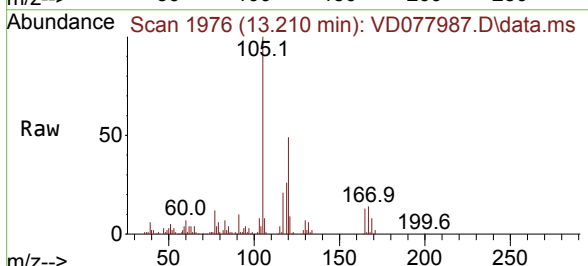
Acq: 20 Dec 2023 11:07

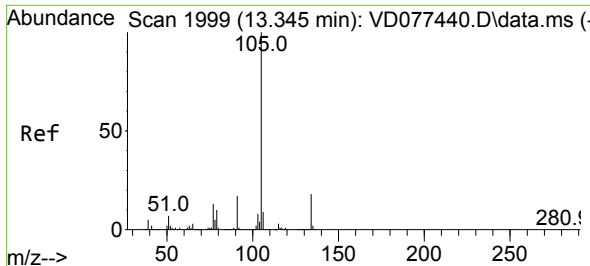
Tgt Ion:105 Resp: 112937

Ion Ratio Lower Upper

105 100

120 46.2 24.3 72.9

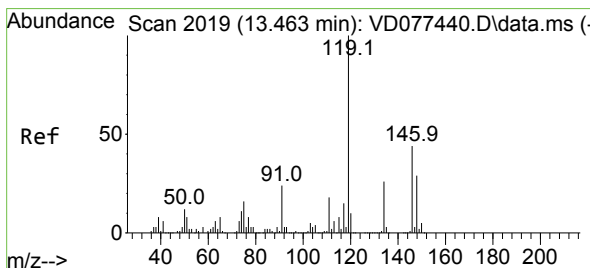
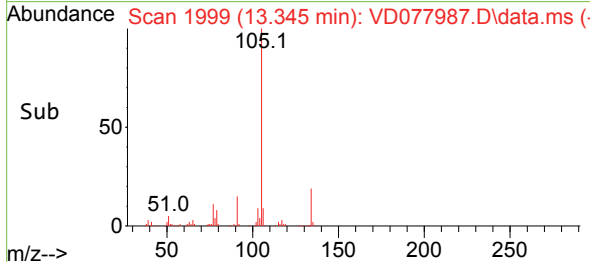
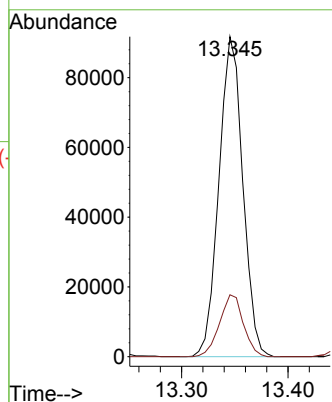
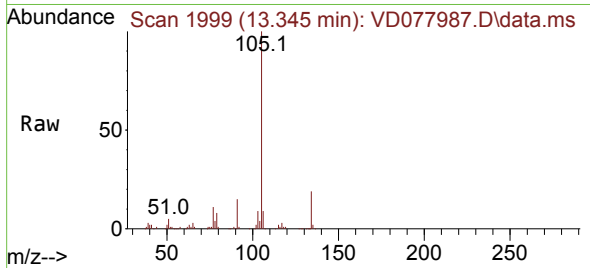




#85
 sec-Butylbenzene
 Concen: 17.954 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

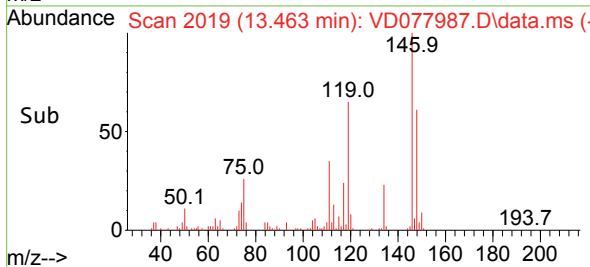
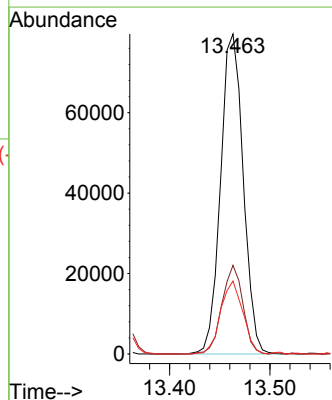
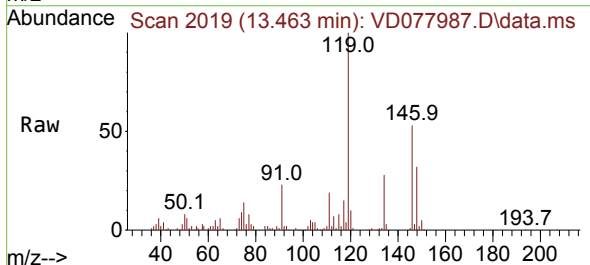
Instrument :
 MSVOA_D
 ClientSampleId :

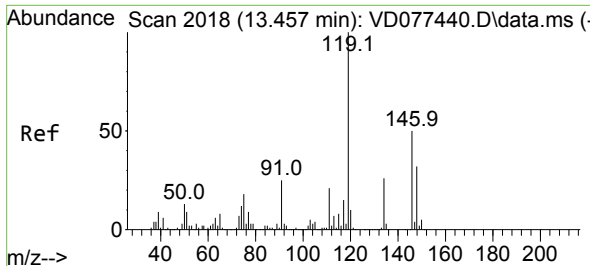
Tgt Ion:105 Resp: 142744
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 17.513 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077987.D
 Acq: 20 Dec 2023 11:07

Tgt Ion:119 Resp: 124663
 Ion Ratio Lower Upper
 119 100
 134 25.7 14.2 42.6
 91 22.5 10.5 31.5

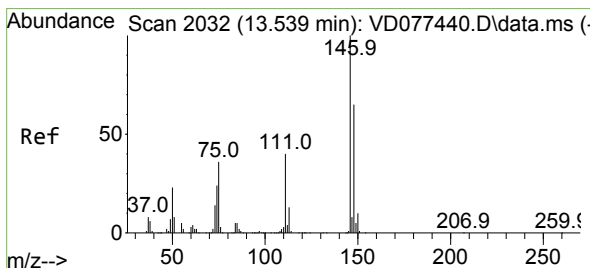
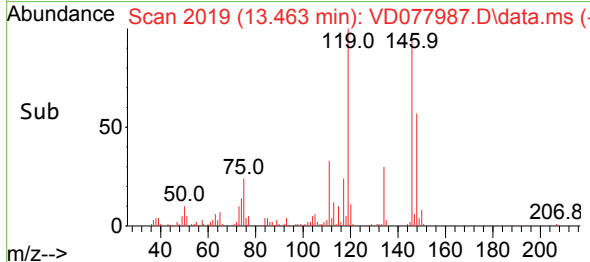
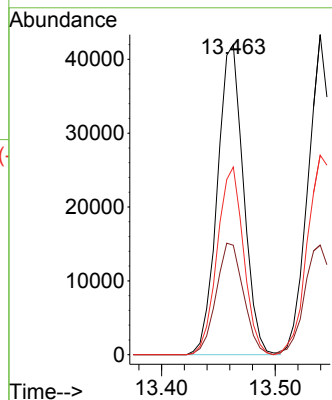
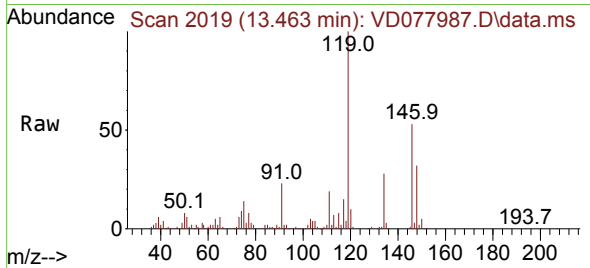




#87
1,3-Dichlorobenzene
Concen: 18.262 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

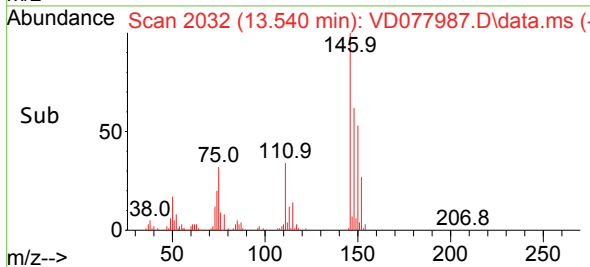
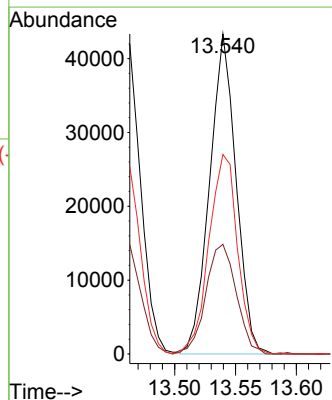
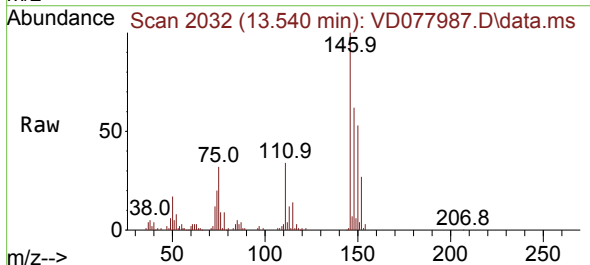
Instrument :
MSVOA_D
ClientSampleId :

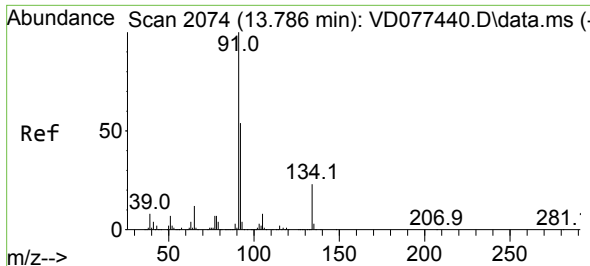
Tgt Ion:146 Resp: 67099
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 60.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 16.798 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

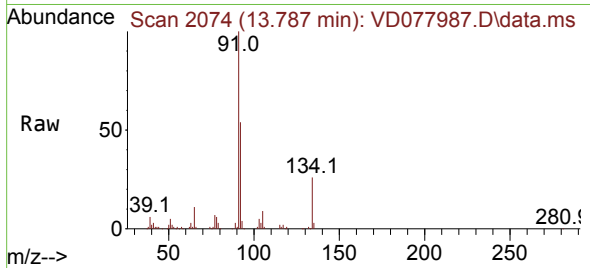
Tgt Ion:146 Resp: 65514
Ion Ratio Lower Upper
146 100
111 39.4 17.4 52.3
148 67.6 31.7 95.1



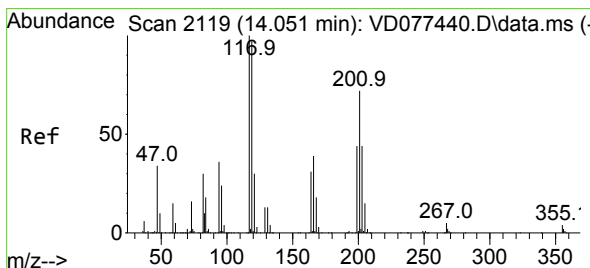
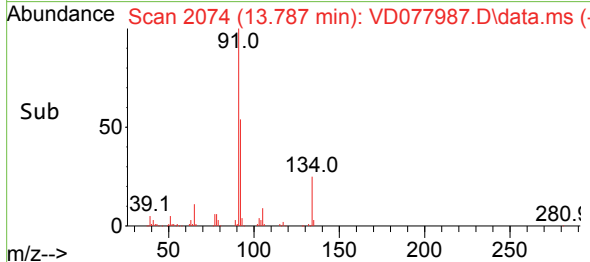
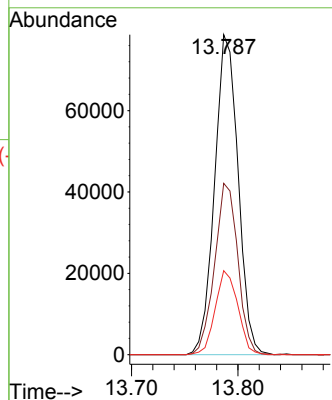


#89
n-Butylbenzene
Concen: 17.996 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

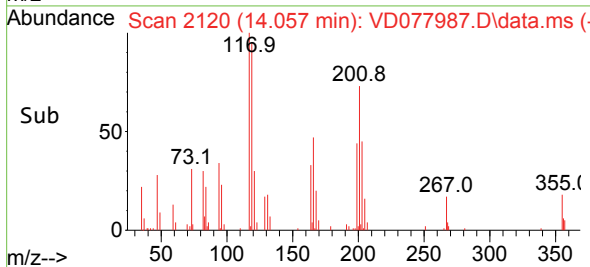
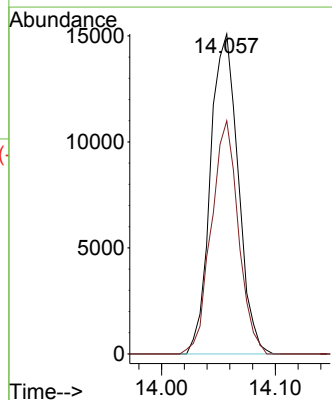
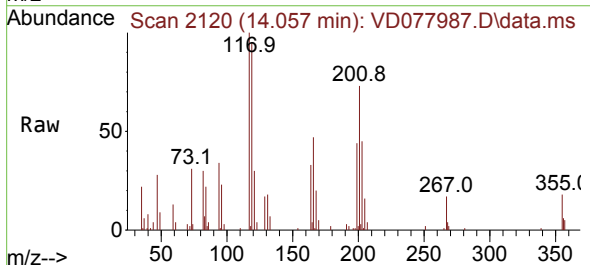


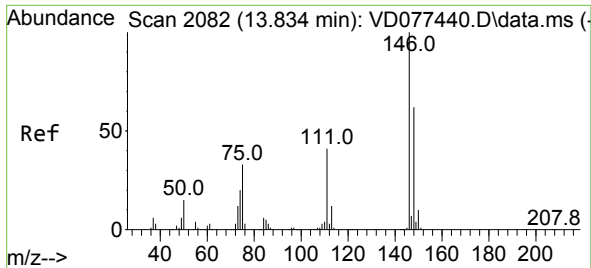
Tgt Ion: 91 Resp: 120536
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.3 13.8 41.3



#90
Hexachloroethane
Concen: 19.528 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

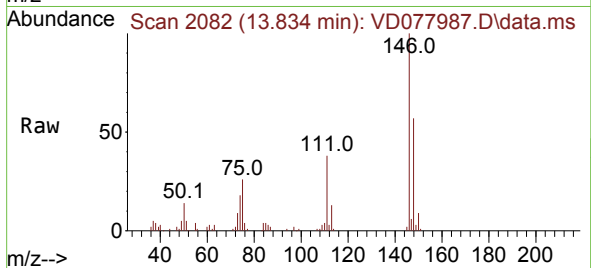
Tgt Ion: 117 Resp: 25564
Ion Ratio Lower Upper
117 100
201 71.3 38.5 115.5



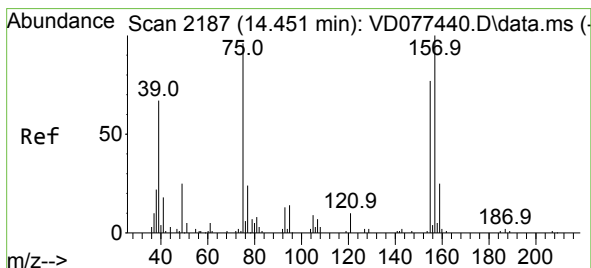
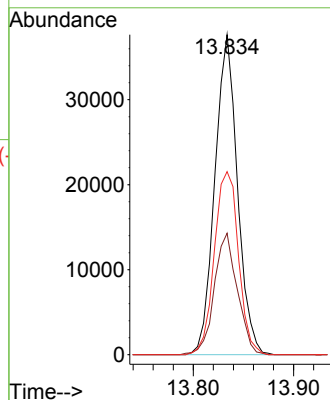
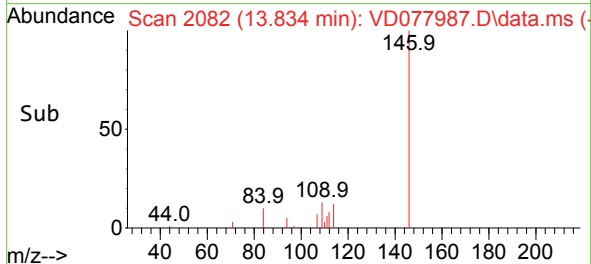


#91
1,2-Dichlorobenzene
Concen: 18.852 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

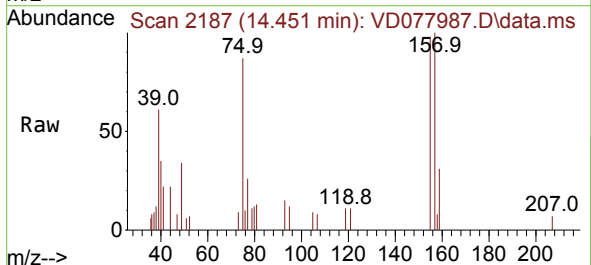
Instrument :
MSVOA_D
ClientSampleId :



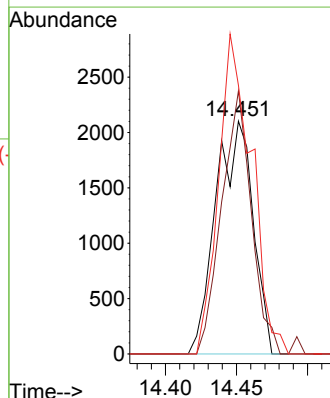
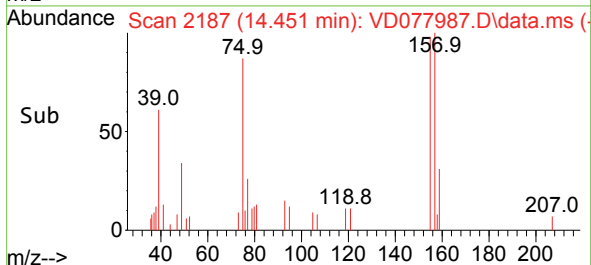
Tgt Ion:146 Resp: 58911
Ion Ratio Lower Upper
146 100
111 38.8 18.3 54.8
148 61.0 31.6 94.7

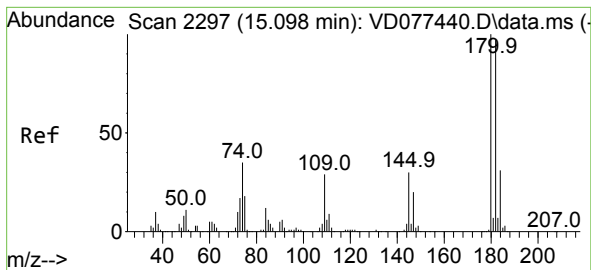


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.237 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07



Tgt Ion: 75 Resp: 3828
Ion Ratio Lower Upper
75 100
155 90.2 47.9 143.8
157 121.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.133 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

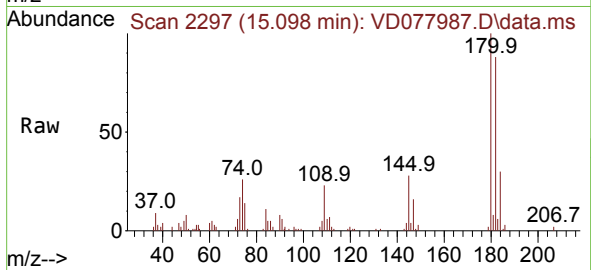
Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

Instrument :

MSVOA_D

ClientSampleId :



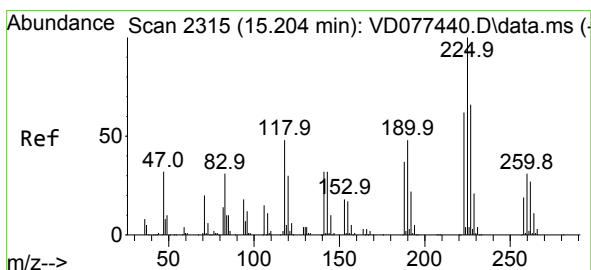
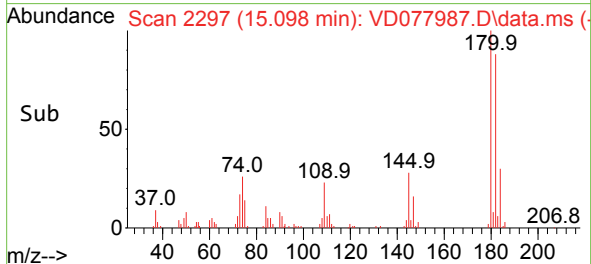
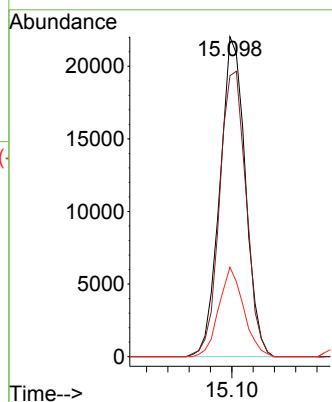
Tgt Ion:180 Resp: 36569

Ion Ratio Lower Upper

180 100

182 92.7 48.5 145.6

145 27.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 16.405 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077987.D

Acq: 20 Dec 2023 11:07

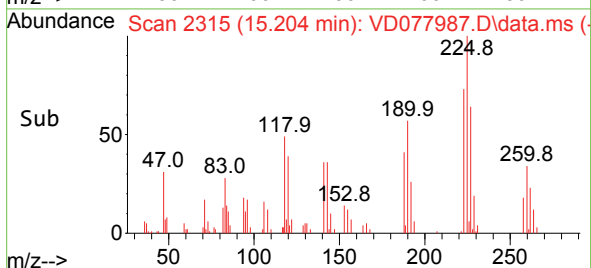
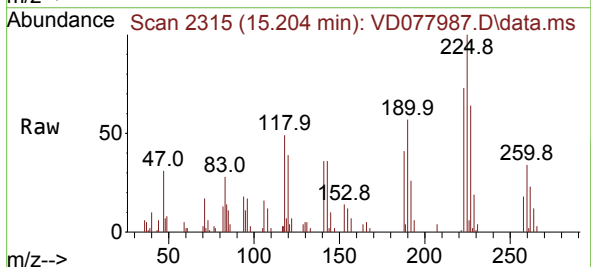
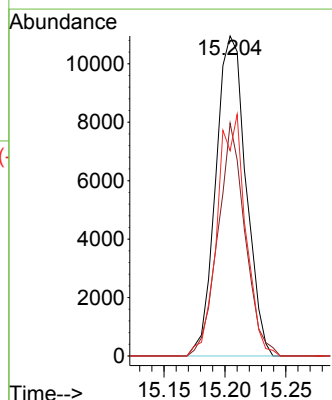
Tgt Ion:225 Resp: 18882

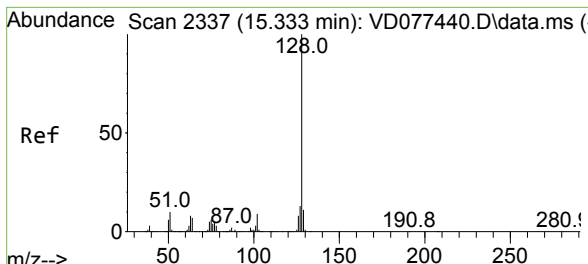
Ion Ratio Lower Upper

225 100

223 65.2 31.6 94.8

227 70.8 31.7 95.1

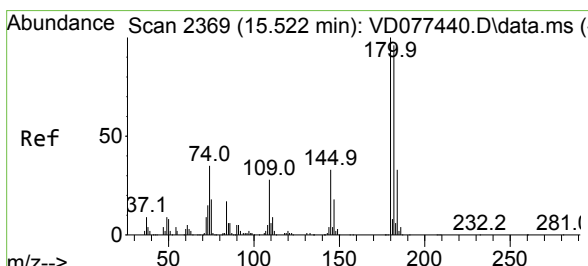
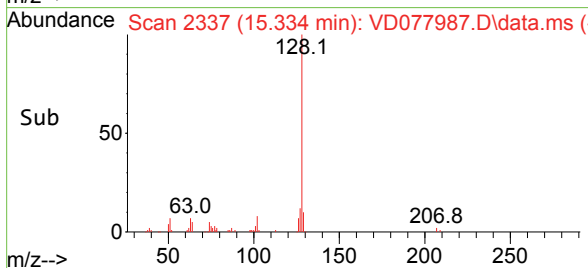
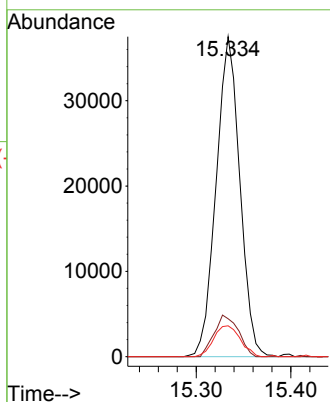
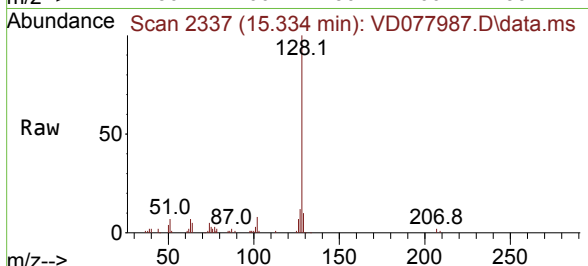




#95
Naphthalene
Concen: 18.387 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.001 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	65208
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.5	15.7
129	9.7	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.308 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD077987.D
Acq: 20 Dec 2023 11:07

Tgt Ion:	180	Resp:	32216
Ion Ratio	Lower	Upper	
180	100		
182	89.9	47.3	141.9
145	30.1	15.1	45.3

