

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110823\
 Data File : VD077522.D
 Acq On : 08 Nov 2023 17:01
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 09 01:38:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	215987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	379427	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339258	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	163600	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	139013	45.516	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.040%
35) Dibromofluoromethane	7.805	113	121548	46.349	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.700%
50) Toluene-d8	10.269	98	496210	48.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.420%
62) 4-Bromofluorobenzene	12.575	95	159319	46.438	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	92.880%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	75111	43.128	ug/l	99
3) Chloromethane	2.152	50	142349	51.483	ug/l	99
4) Vinyl Chloride	2.287	62	166203	61.642	ug/l	100
5) Bromomethane	2.699	94	87952	62.251	ug/l	98
6) Chloroethane	2.840	64	115430	63.587	ug/l	100
7) Trichlorofluoromethane	3.181	101	176710	46.800	ug/l	100
8) Diethyl Ether	3.593	74	62565	46.096	ug/l	# 54
9) 1,1,2-Trichlorotrifluo...	3.970	101	106771	46.841	ug/l	94
10) Methyl Iodide	4.164	142	114916	40.553	ug/l	# 88
11) Tert butyl alcohol	5.052	59	51424	212.557	ug/l	97
12) 1,1-Dichloroethene	3.946	96	101269	46.927	ug/l	# 69
13) Acrolein	3.799	56	51592	161.713	ug/l	100
14) Allyl chloride	4.564	41	226241	43.458	ug/l	# 83
15) Acrylonitrile	5.258	53	174943	238.437	ug/l	96
16) Acetone	4.022	43	176633	218.560	ug/l	# 80
17) Carbon Disulfide	4.275	76	292038	44.333	ug/l	99
18) Methyl Acetate	4.564	43	145305	49.291	ug/l	# 78
19) Methyl tert-butyl Ether	5.316	73	312179	46.086	ug/l	95
20) Methylene Chloride	4.811	84	133347	43.580	ug/l	# 69
21) trans-1,2-Dichloroethene	5.316	96	121213	48.229	ug/l	# 76
22) Diisopropyl ether	6.216	45	490964	44.373	ug/l	# 90
23) Vinyl Acetate	6.158	43	1233325	258.375	ug/l	# 84
24) 1,1-Dichloroethane	6.111	63	258858	45.088	ug/l	94
25) 2-Butanone	7.081	43	241390	223.930	ug/l	# 76
26) 2,2-Dichloropropane	7.075	77	222456	43.723	ug/l	91
27) cis-1,2-Dichloroethene	7.081	96	145138	46.613	ug/l	75
28) Bromochloromethane	7.422	49	120698	46.525	ug/l	# 58
29) Tetrahydrofuran	7.440	42	150887	236.007	ug/l	# 71
30) Chloroform	7.593	83	246049	45.900	ug/l	94
31) Cyclohexane	7.875	56	219853	46.048	ug/l	# 76
32) 1,1,1-Trichloroethane	7.793	97	205217	46.465	ug/l	96
36) 1,1-Dichloropropene	8.010	75	183322	47.148	ug/l	91
37) Ethyl Acetate	7.163	43	103932	46.577	ug/l	# 88
38) Carbon Tetrachloride	7.993	117	173755	47.423	ug/l	98
39) Methylcyclohexane	9.269	83	211357	47.641	ug/l	# 83
40) Benzene	8.246	78	530676	47.864	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	64724	45.332	ug/l #	75
42) 1,2-Dichloroethane	8.328	62	157583	44.874	ug/l	92
43) Isopropyl Acetate	8.358	43	207410	45.042	ug/l #	82
44) Trichloroethene	9.028	130	126045	46.411	ug/l	85
45) 1,2-Dichloropropane	9.305	63	150719	46.174	ug/l	97
46) Dibromomethane	9.393	93	70884	45.125	ug/l	92
47) Bromodichloromethane	9.581	83	188438	45.385	ug/l	97
48) Methyl methacrylate	9.375	41	98158	44.657	ug/l #	68
49) 1,4-Dioxane	9.381	88	17372	1029.186	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	536157	236.554	ug/l #	82
52) Toluene	10.334	92	325241	48.119	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	202602	46.082	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	231972	45.850	ug/l #	81
55) 1,1,2-Trichloroethane	10.734	97	101085	48.233	ug/l	94
56) Ethyl methacrylate	10.599	69	144758	46.455	ug/l #	63
57) 1,3-Dichloropropane	10.881	76	183110	46.744	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	390424	250.272	ug/l #	85
59) 2-Hexanone	10.922	43	389842	233.483	ug/l	79
60) Dibromochloromethane	11.075	129	117941	46.800	ug/l	98
61) 1,2-Dibromoethane	11.181	107	90106	45.400	ug/l	100
64) Tetrachloroethene	10.810	164	99491	46.062	ug/l	93
65) Chlorobenzene	11.610	112	336507	47.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	124104	46.207	ug/l	97
67) Ethyl Benzene	11.687	91	652690	47.727	ug/l	94
68) m/p-Xylenes	11.793	106	477514	96.696	ug/l	83
69) o-Xylene	12.122	106	226693	47.925	ug/l	81
70) Styrene	12.134	104	394097	48.295	ug/l #	91
71) Bromoform	12.298	173	70095	47.074	ug/l #	97
73) Isopropylbenzene	12.422	105	610315	45.756	ug/l	94
74) N-amyl acetate	12.234	43	199649	42.258	ug/l #	81
75) 1,1,2,2-Tetrachloroethane	12.675	83	121292	46.390	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	163919	82.323	ug/l #	100
77) Bromobenzene	12.704	156	130068	44.302	ug/l	72
78) n-propylbenzene	12.763	91	778139	45.945	ug/l	94
79) 2-Chlorotoluene	12.851	91	419666	43.763	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	511076	45.664	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	46152	44.772	ug/l	90
82) 4-Chlorotoluene	12.946	91	444299	44.480	ug/l	90
83) tert-Butylbenzene	13.169	119	434589	46.184	ug/l	90
84) 1,2,4-Trimethylbenzene	13.210	105	509258	45.805	ug/l	93
85) sec-Butylbenzene	13.345	105	668035	46.399	ug/l	95
86) p-Isopropyltoluene	13.463	119	552492	47.210	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	271345	47.018	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	265891	46.113	ug/l	96
89) n-Butylbenzene	13.787	91	569697	46.836	ug/l	97
90) Hexachloroethane	14.057	117	107881	45.048	ug/l	90
91) 1,2-Dichlorobenzene	13.834	146	238984	47.120	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	19397	44.036	ug/l	84
93) 1,2,4-Trichlorobenzene	15.104	180	158169	45.395	ug/l	98
94) Hexachlorobutadiene	15.204	225	85068	45.263	ug/l	99
95) Naphthalene	15.334	128	315800	47.512	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	140649	46.765	ug/l	98

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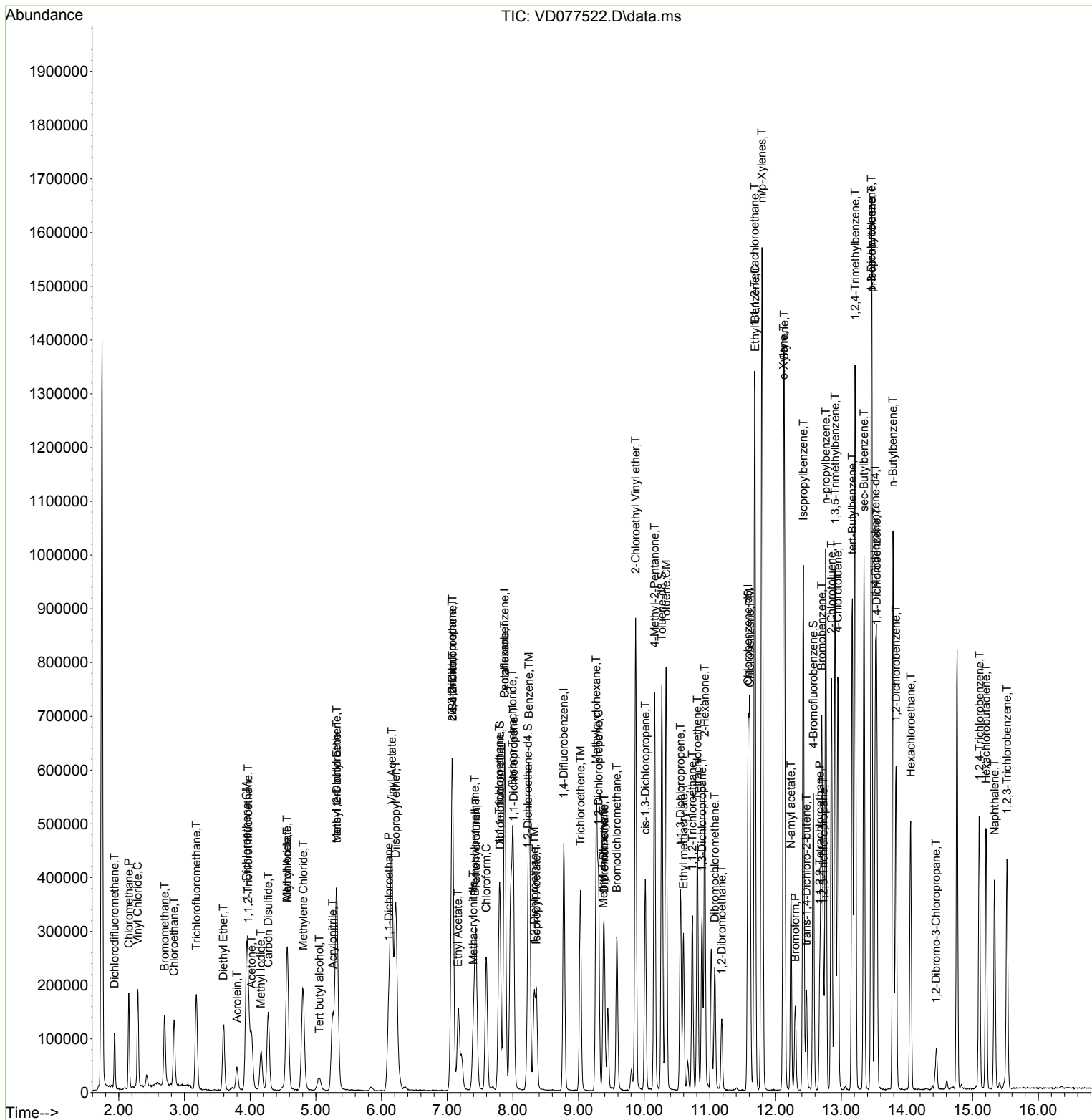
Instrument :
MSVOA_D
ClientSampleId :

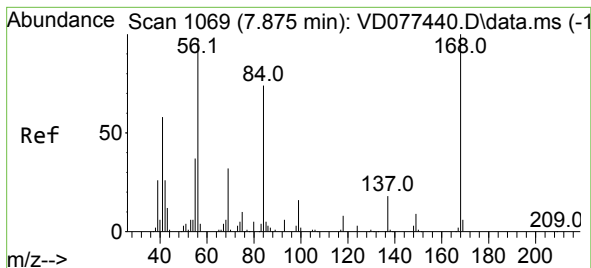
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

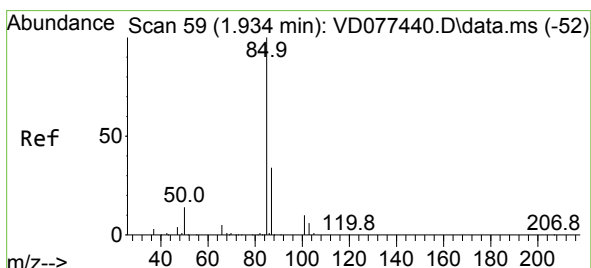
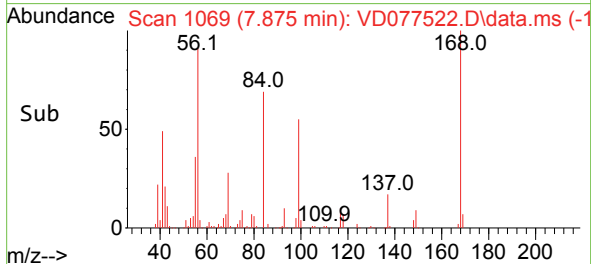
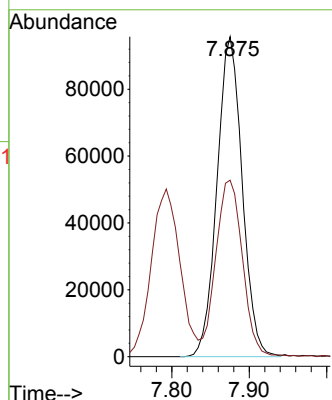
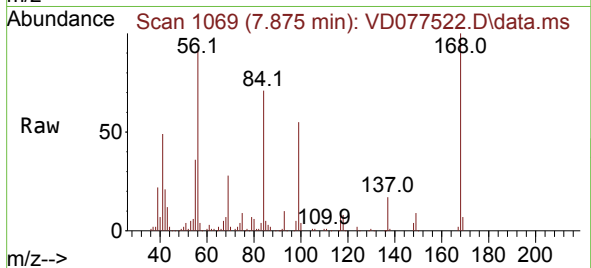
ClientSampleId :

Tgt Ion:168 Resp: 215987

Ion Ratio Lower Upper

168 100

99 54.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 43.128 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077522.D

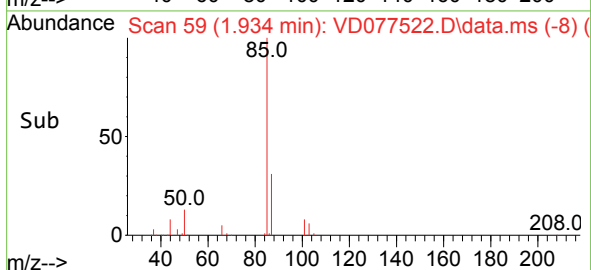
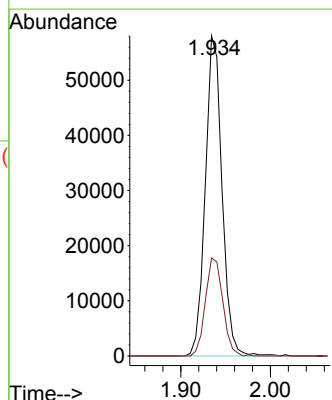
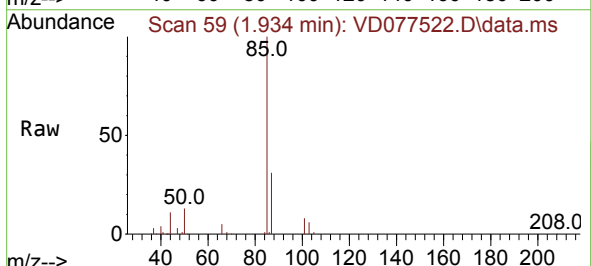
Acq: 08 Nov 2023 17:01

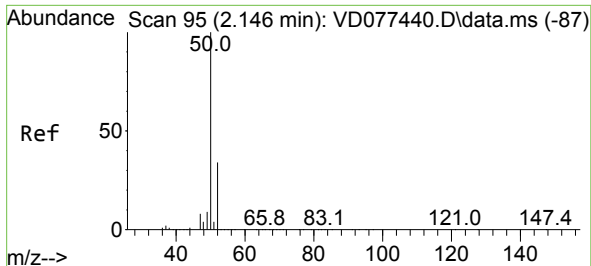
Tgt Ion: 85 Resp: 75111

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

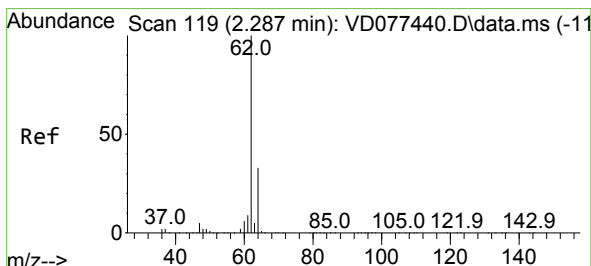
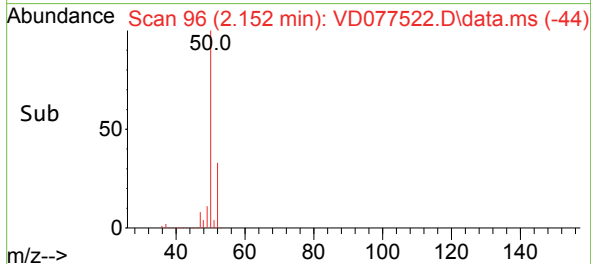
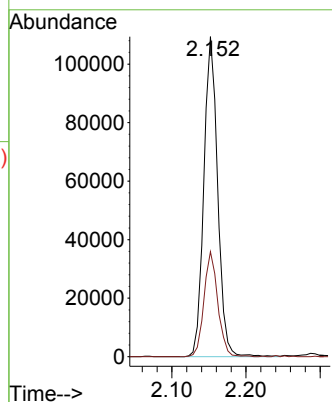
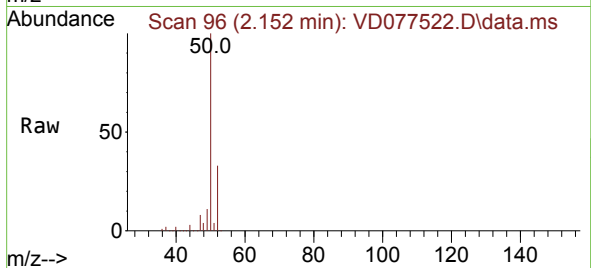




#3
Chloromethane
Concen: 51.483 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

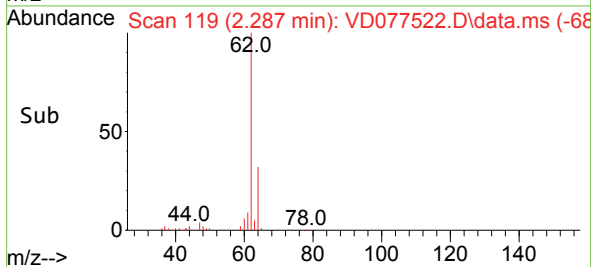
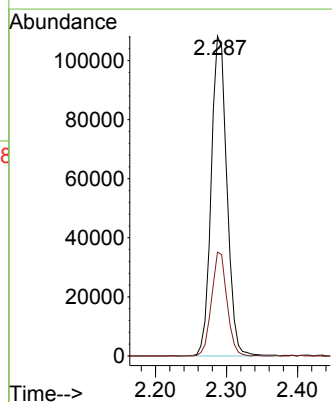
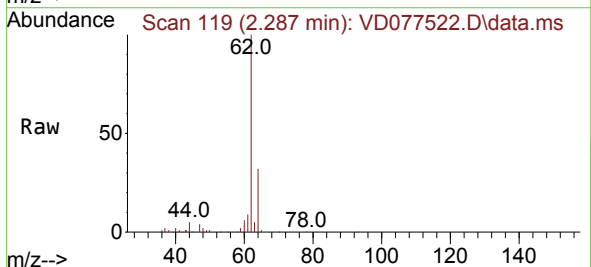
Instrument :
MSVOA_D
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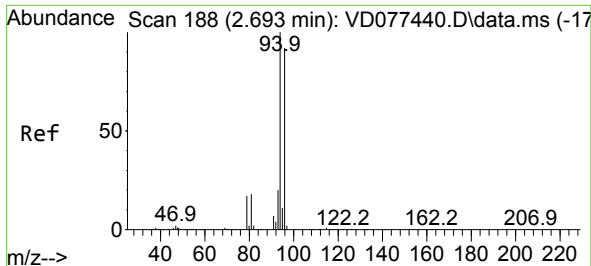
Tgt Ion: 50 Resp: 142349
Ion Ratio Lower Upper
50 100
52 32.8 26.6 40.0



#4
Vinyl Chloride
Concen: 61.642 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 62 Resp: 166203
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

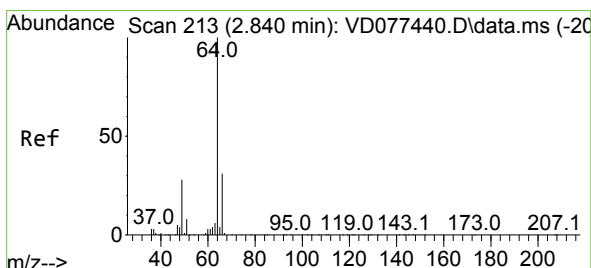
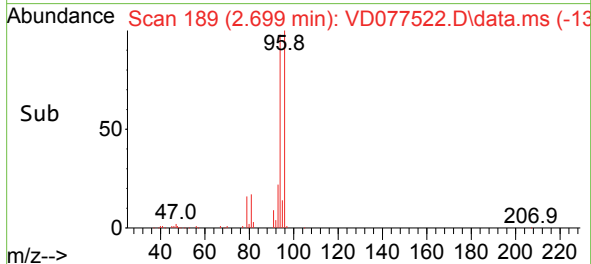
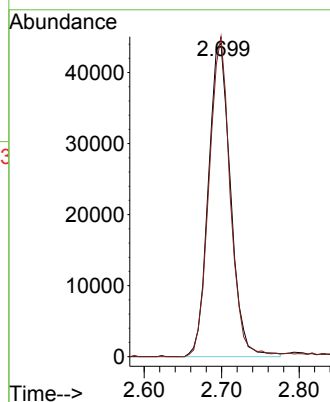
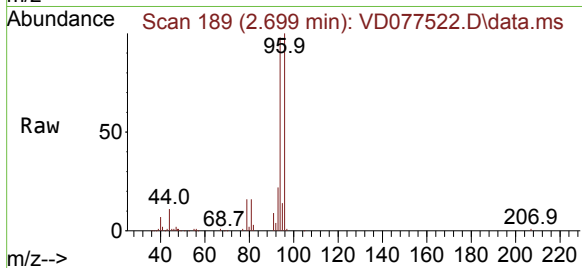




#5
Bromomethane
Concen: 62.251 ug/l
RT: 2.699 min Scan# 188
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

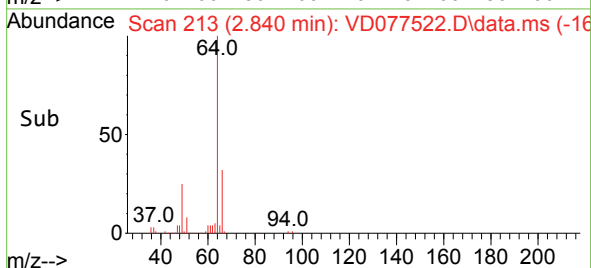
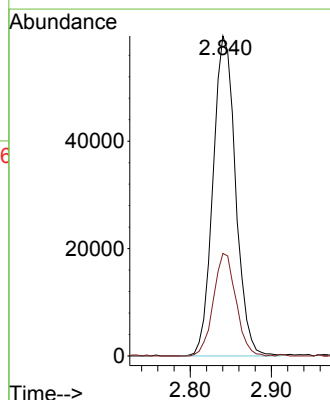
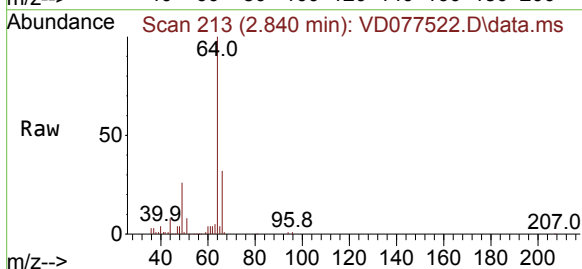
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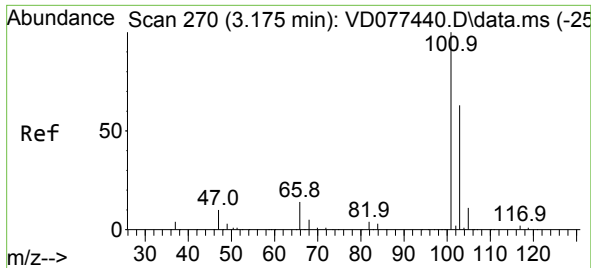
Tgt Ion: 94 Resp: 87952
Ion Ratio Lower Upper
94 100
96 97.0 75.8 113.8



#6
Chloroethane
Concen: 63.587 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 64 Resp: 115430
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

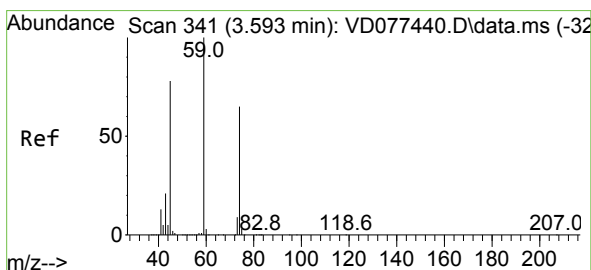
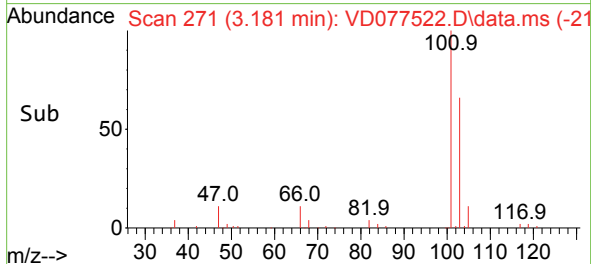
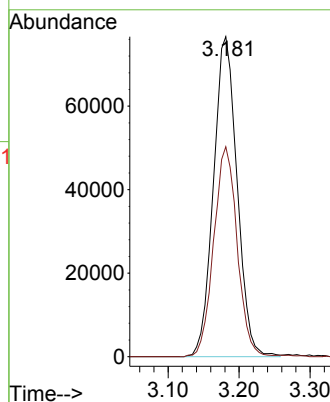
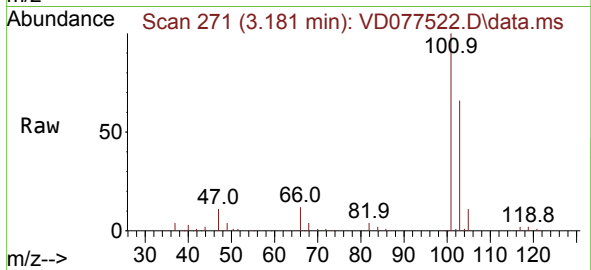




#7
 Trichlorofluoromethane
 Concen: 46.800 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

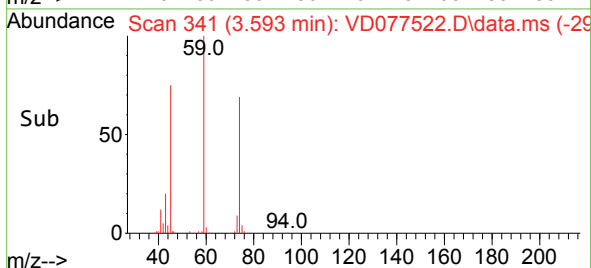
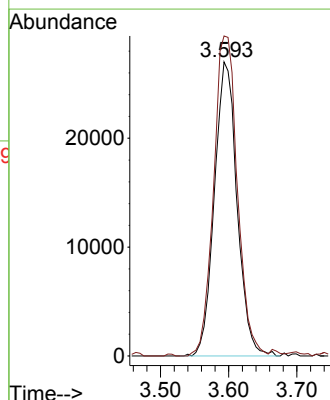
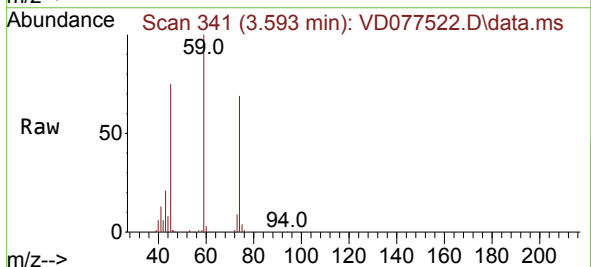
Instrument :
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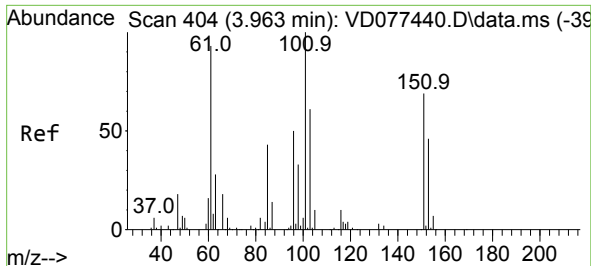
Tgt Ion:101 Resp: 176710
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.3 78.5



#8
 Diethyl Ether
 Concen: 46.096 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Tgt Ion: 74 Resp: 62565
 Ion Ratio Lower Upper
 74 100
 45 114.0 37.5 112.7#

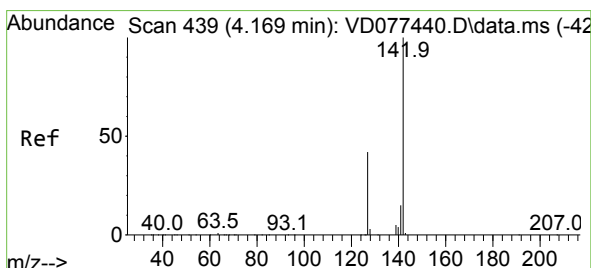
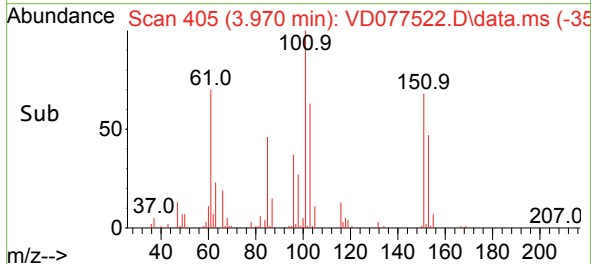
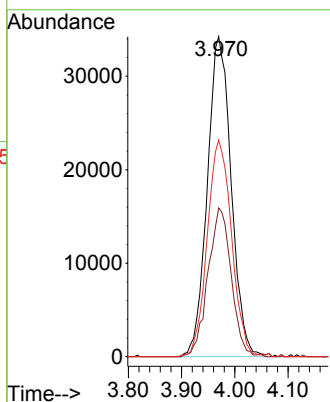
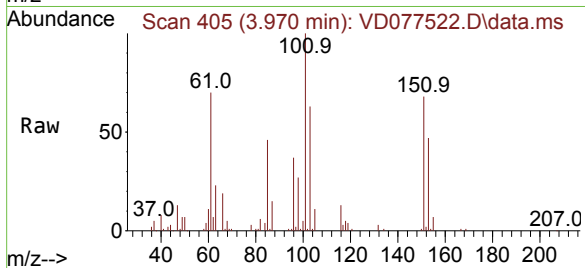




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.841 ug/l
RT: 3.970 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

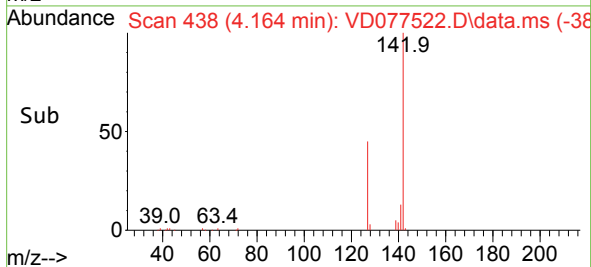
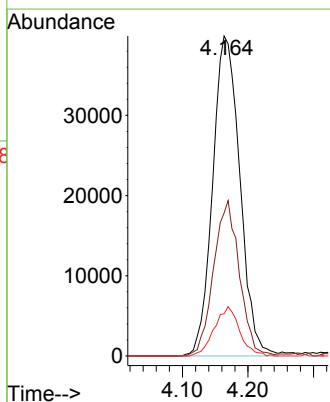
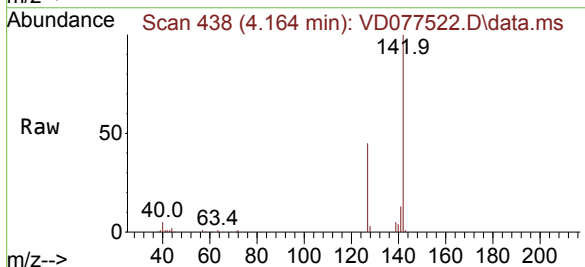
Instrument :
MSVOA_D
ClientSampleId :

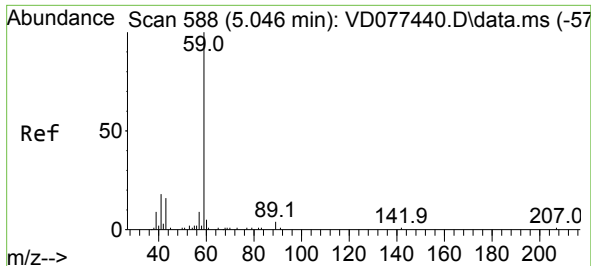
Tgt Ion:101 Resp: 106771
Ion Ratio Lower Upper
101 100
85 45.1 33.8 50.6
151 68.8 59.8 89.6



#10
Methyl Iodide
Concen: 40.553 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

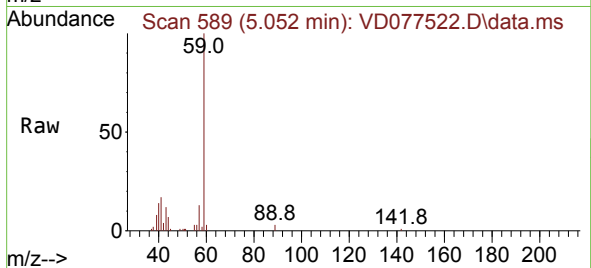
Tgt Ion:142 Resp: 114916
Ion Ratio Lower Upper
142 100
127 45.9 29.4 44.0#
141 14.3 11.1 16.7



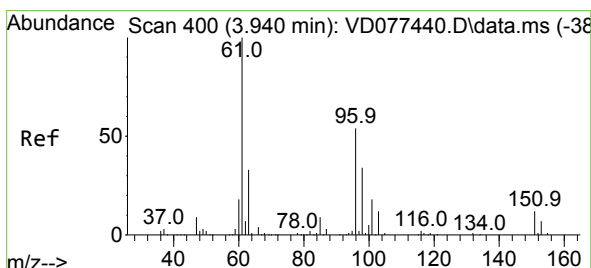
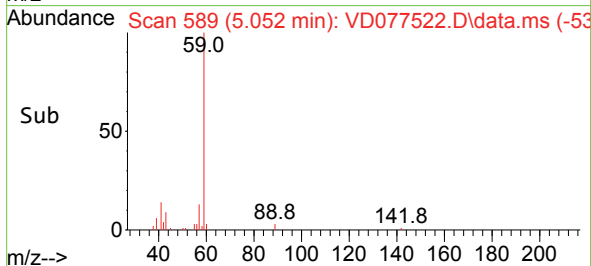
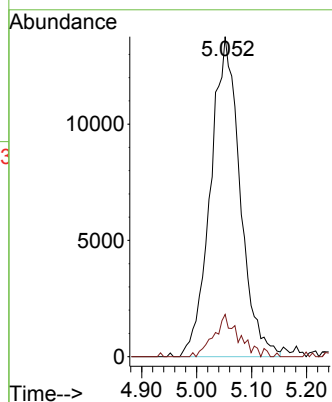


#11
Tert butyl alcohol
Concen: 212.557 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

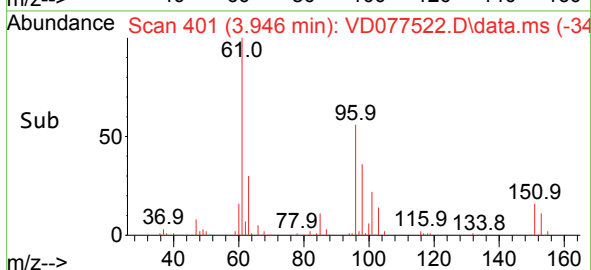
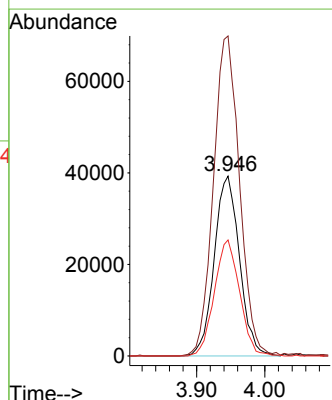
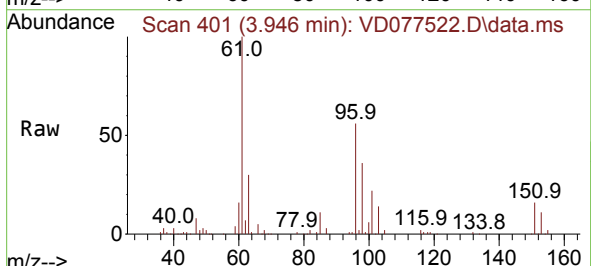


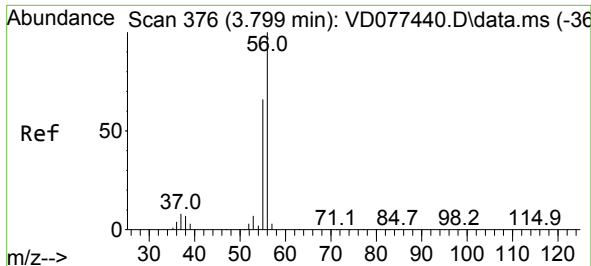
Tgt Ion: 59 Resp: 51424
Ion Ratio Lower Upper
59 100
57 10.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 46.927 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 96 Resp: 101269
Ion Ratio Lower Upper
96 100
61 178.0 100.6 150.8#
98 64.5 50.2 75.2

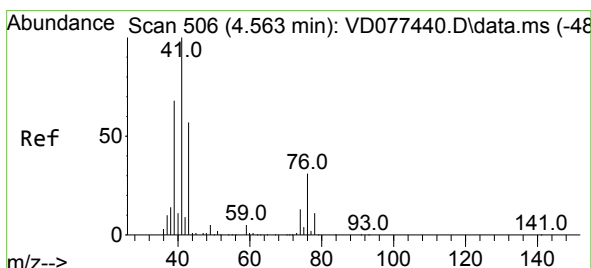
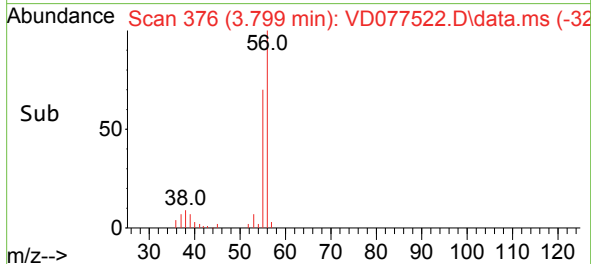
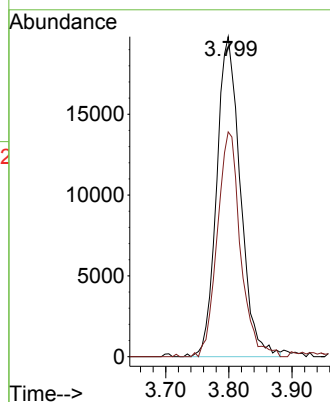
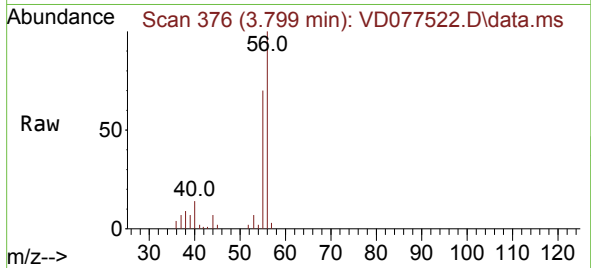




#13
Acrolein
Concen: 161.713 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

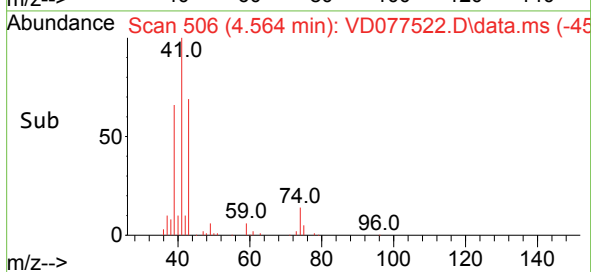
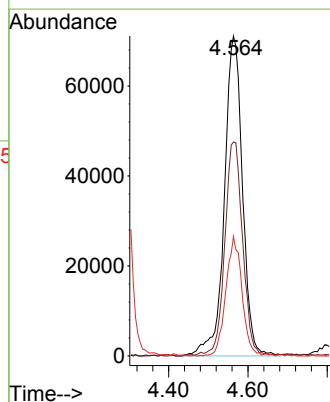
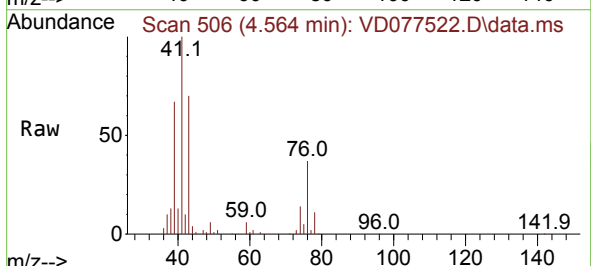
Instrument :
MSVOA_D
ClientSampleId :

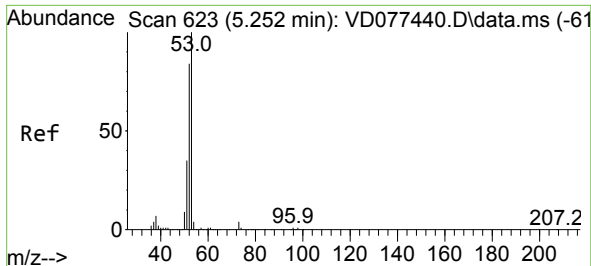
Tgt Ion: 56 Resp: 51592
Ion Ratio Lower Upper
56 100
55 68.8 55.1 82.7



#14
Allyl chloride
Concen: 43.458 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 41 Resp: 226241
Ion Ratio Lower Upper
41 100
39 65.0 53.8 80.6
76 33.1 45.8 68.8#

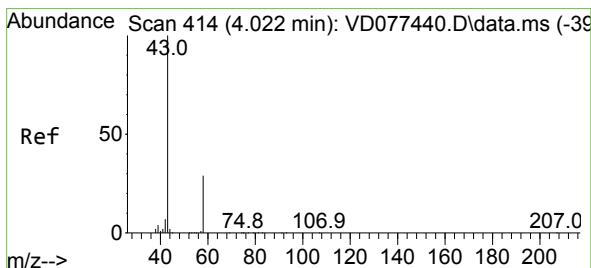
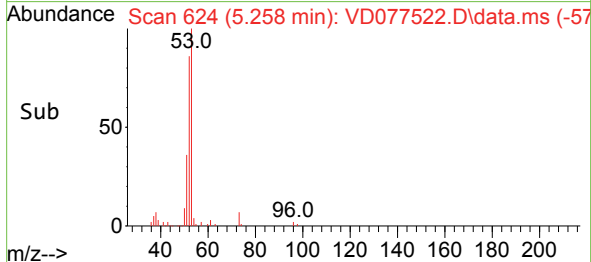
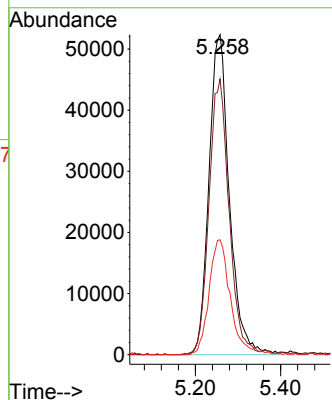
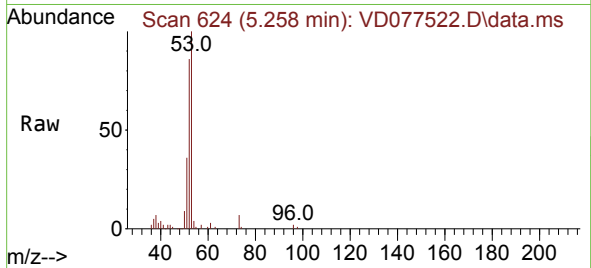




#15
Acrylonitrile
Concen: 238.437 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

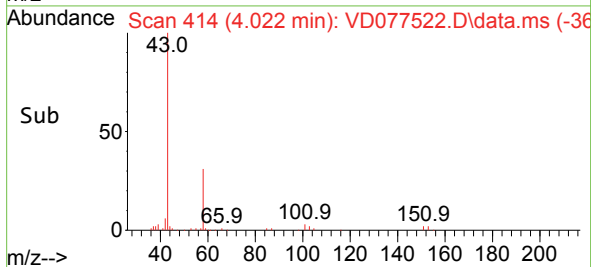
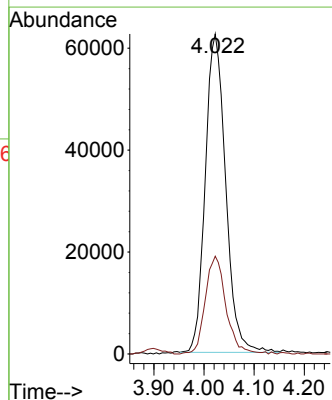
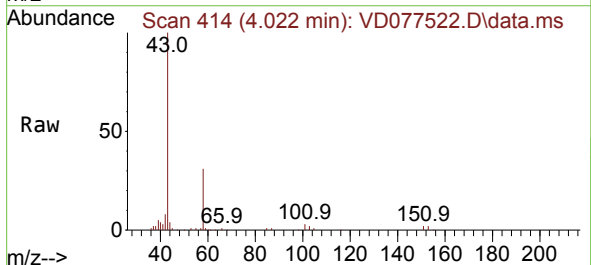
Instrument :
MSVOA_D
ClientSampleId :

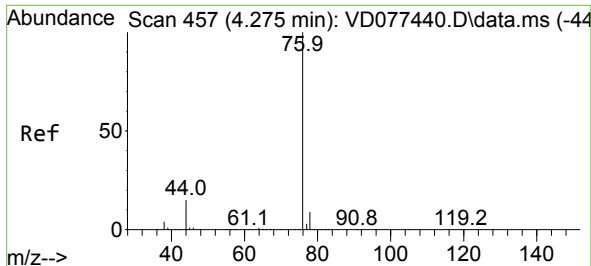
Tgt Ion: 53 Resp: 174943
Ion Ratio Lower Upper
53 100
52 84.4 65.0 97.4
51 37.5 28.3 42.5



#16
Acetone
Concen: 218.560 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 43 Resp: 176633
Ion Ratio Lower Upper
43 100
58 30.7 34.7 52.1#

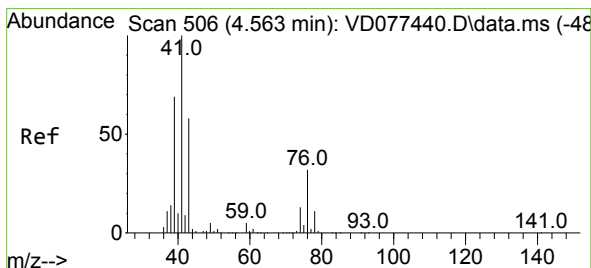
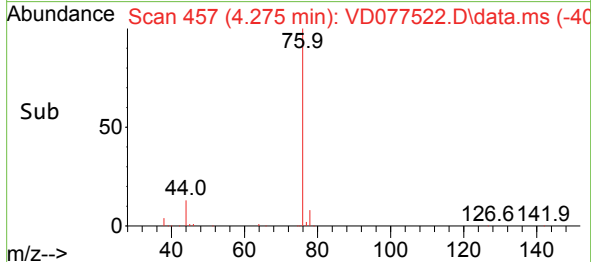
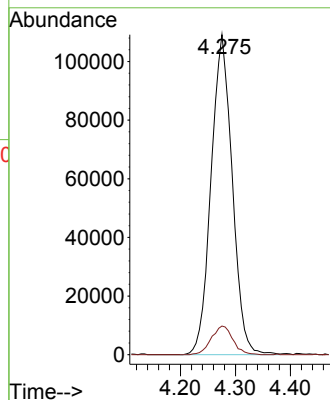
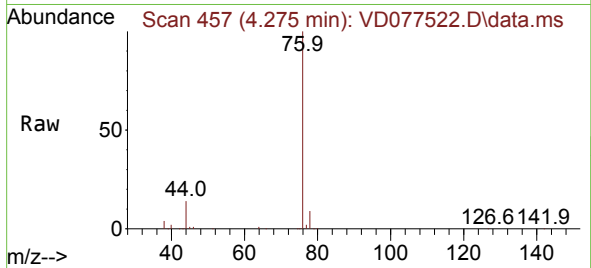




#17
Carbon Disulfide
Concen: 44.333 ug/l
RT: 4.275 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

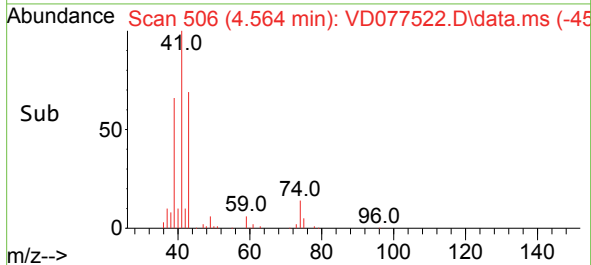
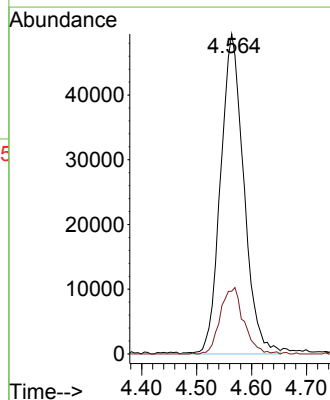
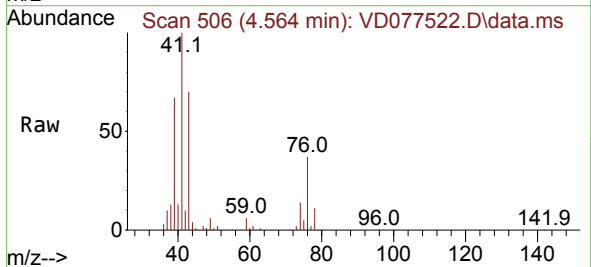
Instrument :
MSVOA_D
ClientSampleId :

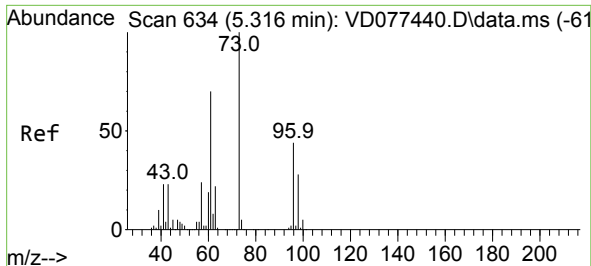
Tgt Ion: 76 Resp: 292038
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 49.291 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 43 Resp: 145305
Ion Ratio Lower Upper
43 100
74 20.8 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 46.086 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

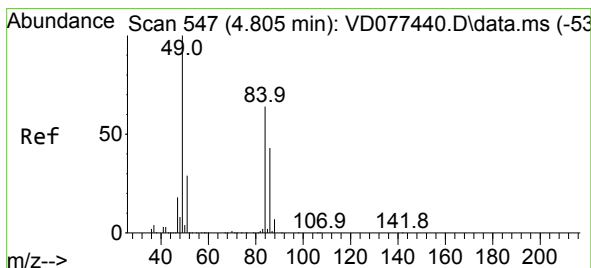
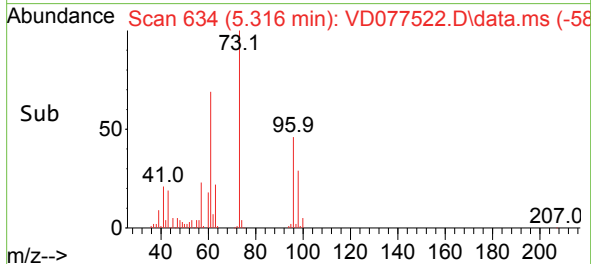
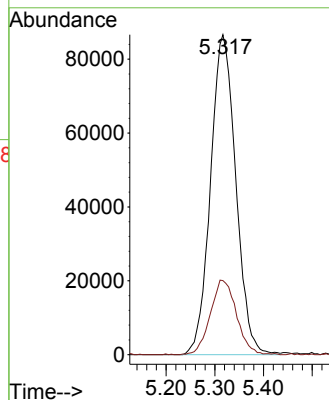
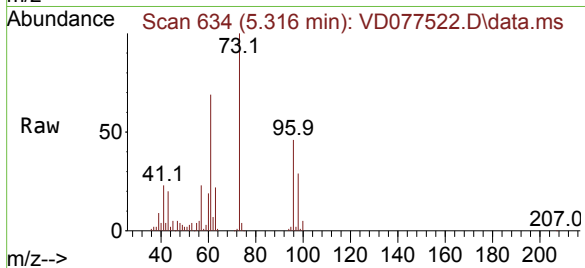
ClientSampleId :

Tgt Ion: 73 Resp: 312179

Ion Ratio Lower Upper

73 100

57 23.2 16.6 25.0



#20

Methylene Chloride

Concen: 43.580 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Tgt Ion: 84 Resp: 133347

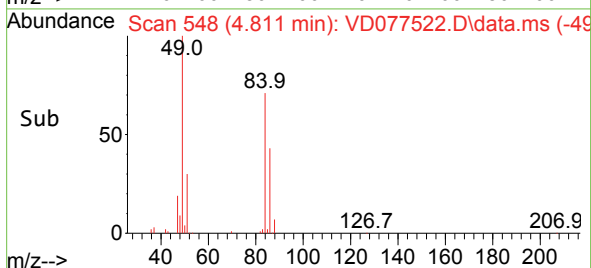
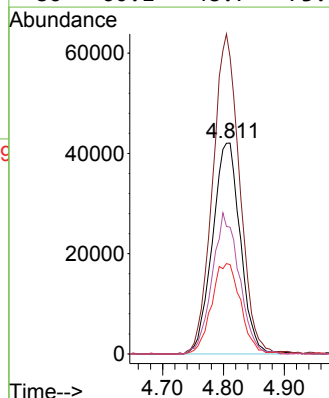
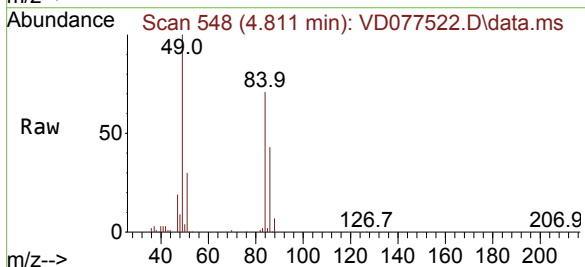
Ion Ratio Lower Upper

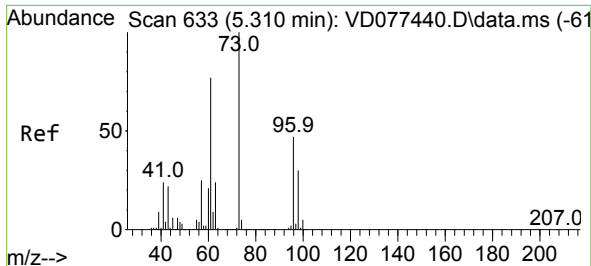
84 100

49 140.0 71.4 107.2#

51 42.3 24.5 36.7#

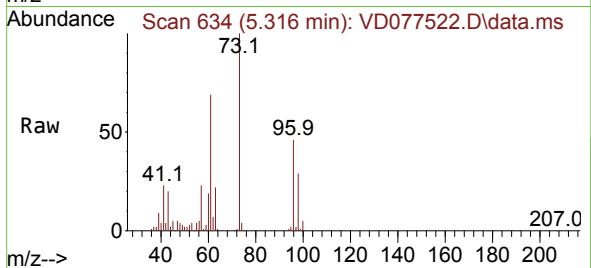
86 60.1 48.7 73.1



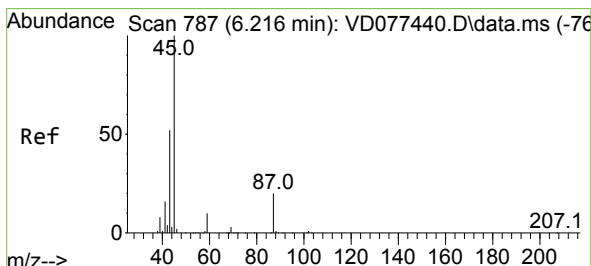
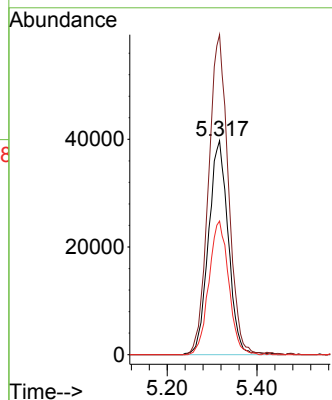
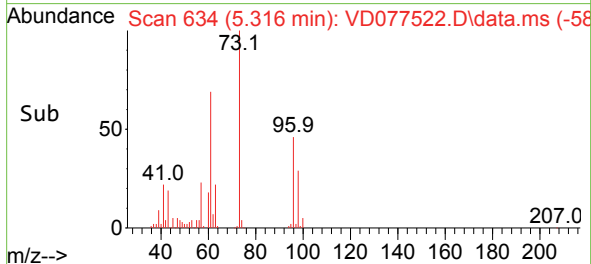


#21
trans-1,2-Dichloroethene
Concen: 48.229 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

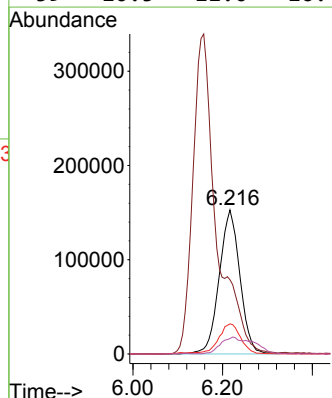
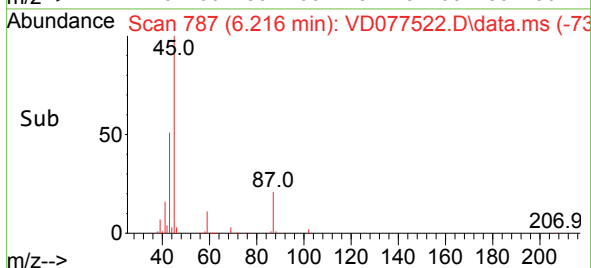
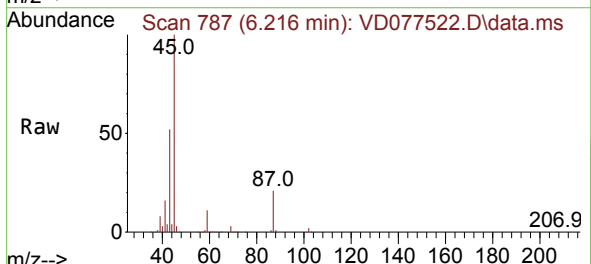


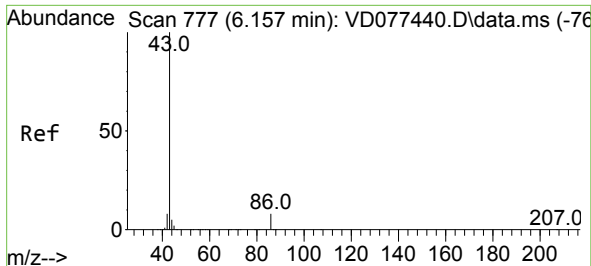
Tgt Ion: 96 Resp: 121213
Ion Ratio Lower Upper
96 100
61 149.6 89.3 133.9#
98 62.5 48.6 73.0



#22
Diisopropyl ether
Concen: 44.373 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

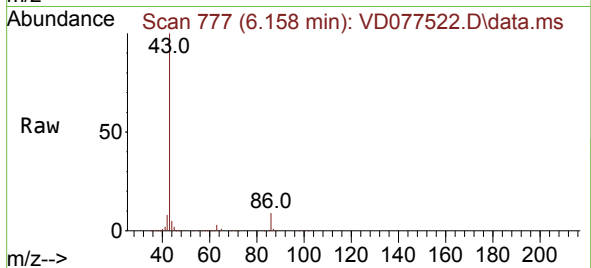
Tgt Ion: 45 Resp: 490964
Ion Ratio Lower Upper
45 100
43 50.6 40.0 60.0
87 20.7 28.2 42.4#
59 10.5 11.0 16.4#



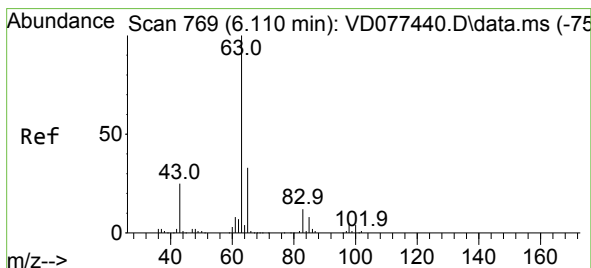
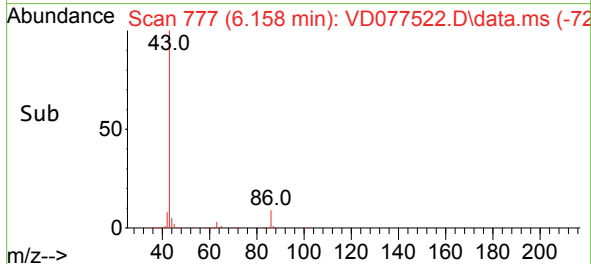
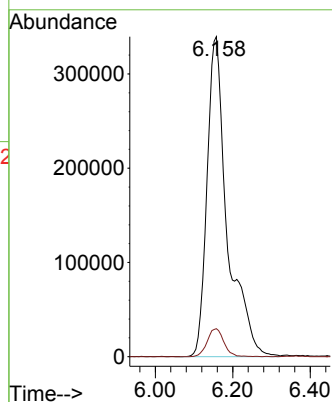


#23
 Vinyl Acetate
 Concen: 258.375 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :

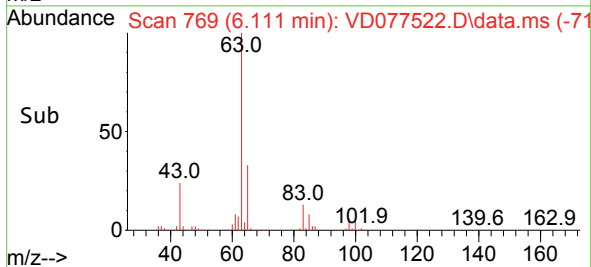
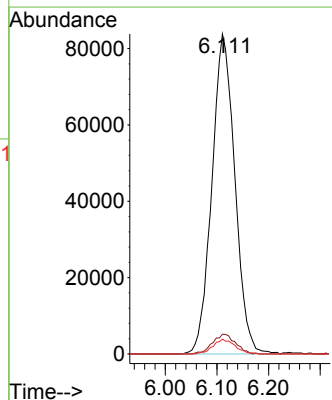
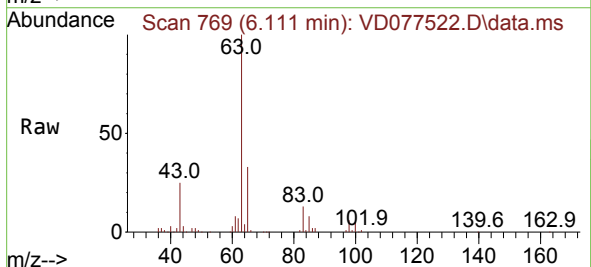


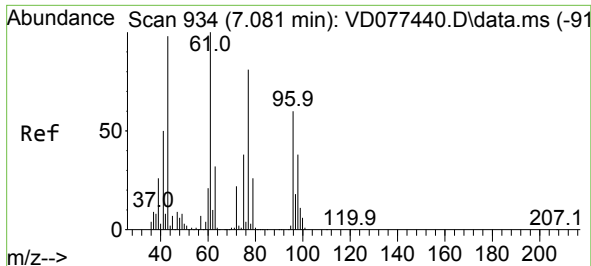
Tgt Ion: 43 Resp: 1233325
 Ion Ratio Lower Upper
 43 100
 86 8.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 45.088 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Tgt Ion: 63 Resp: 258858
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 4.6 2.5 7.5

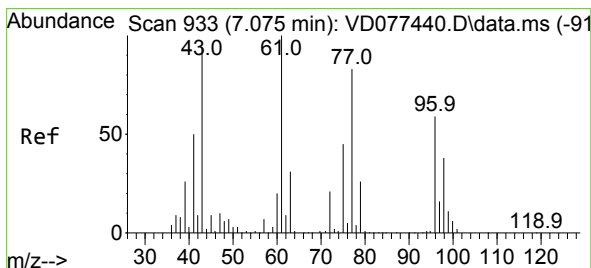
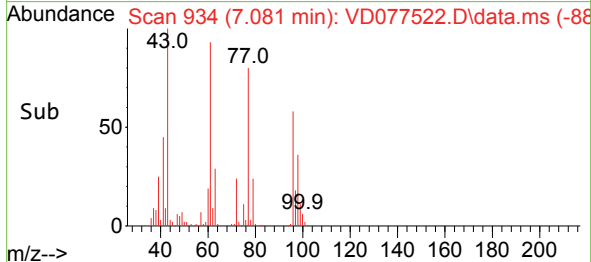
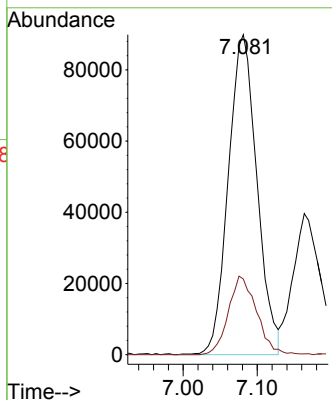
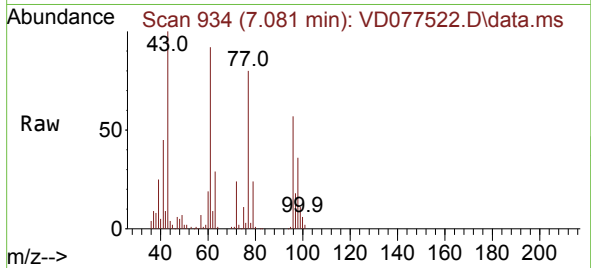




#25
2-Butanone
Concen: 223.930 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

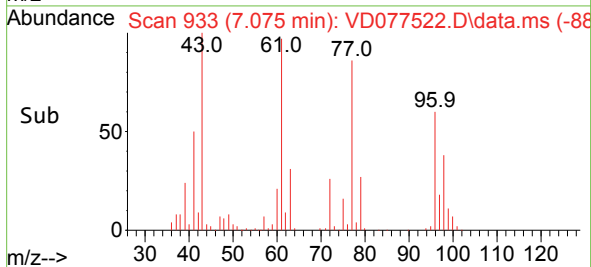
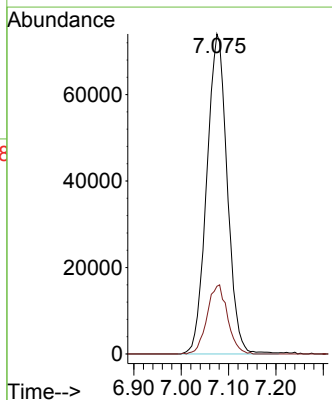
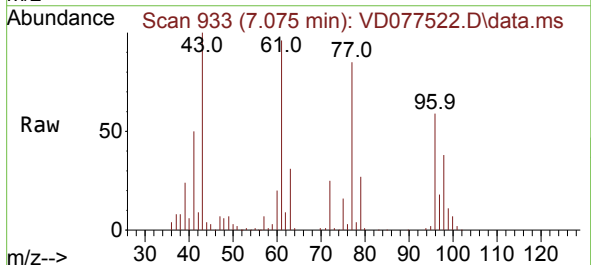
Instrument :
MSVOA_D
ClientSampleId :

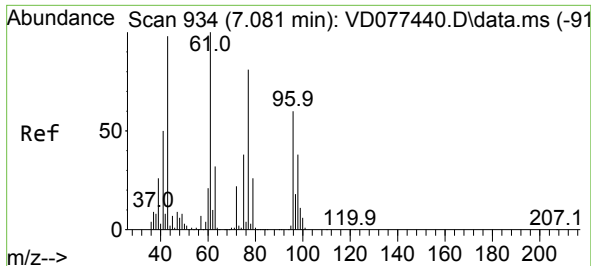
Tgt Ion: 43 Resp: 241390
Ion Ratio Lower Upper
43 100
72 23.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 43.723 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

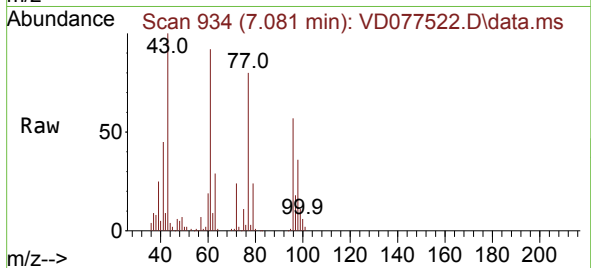
Tgt Ion: 77 Resp: 222456
Ion Ratio Lower Upper
77 100
97 21.6 13.2 39.6



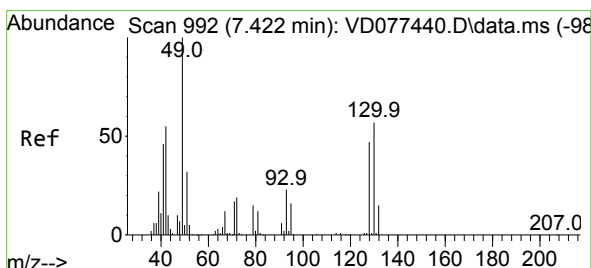
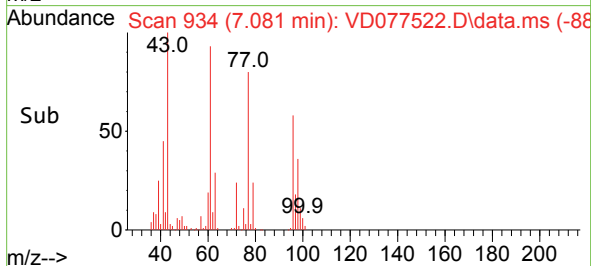
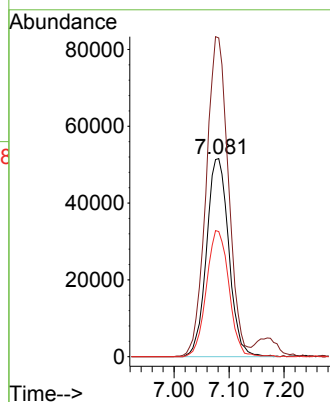


#27
 cis-1,2-Dichloroethene
 Concen: 46.613 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :

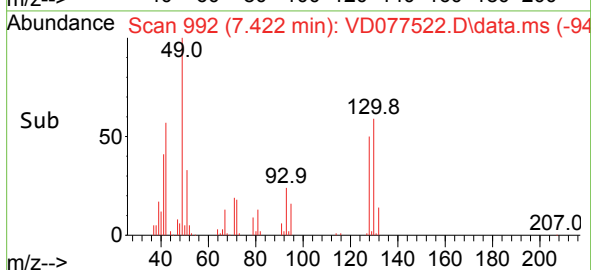
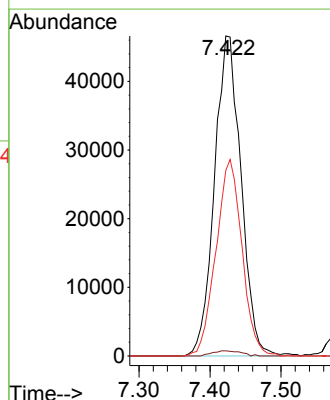
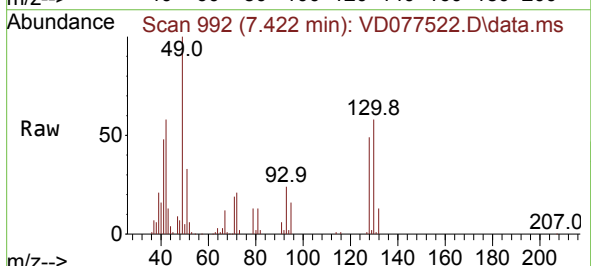


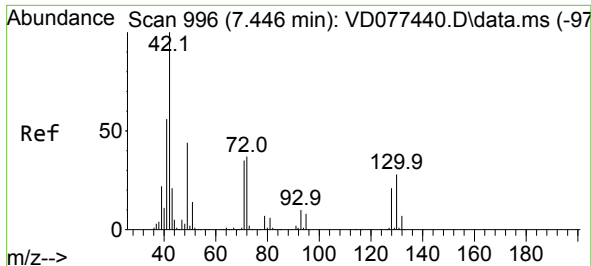
Tgt Ion: 96 Resp: 145138
 Ion Ratio Lower Upper
 96 100
 61 162.1 0.0 239.2
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 46.525 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Tgt Ion: 49 Resp: 120698
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 60.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 236.007 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

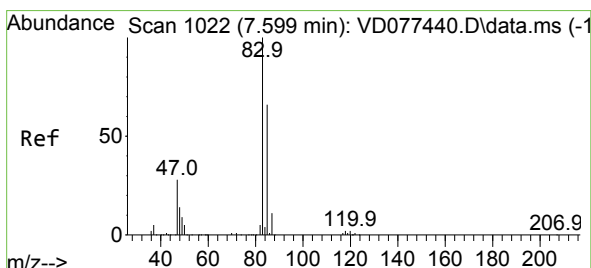
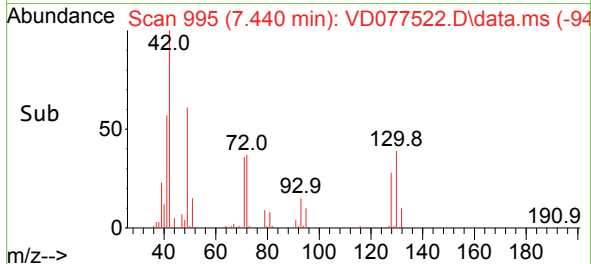
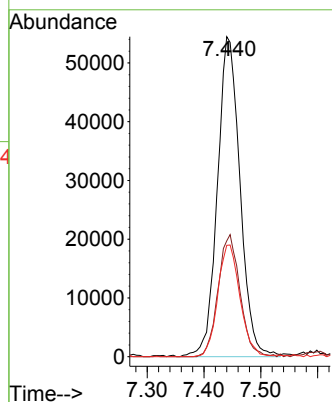
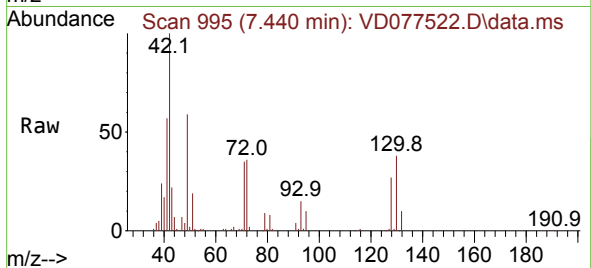
Tgt Ion: 42 Resp: 150887

Ion Ratio Lower Upper

42 100

72 36.9 46.5 69.7#

71 34.4 44.5 66.7#



#30

Chloroform

Concen: 45.900 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077522.D

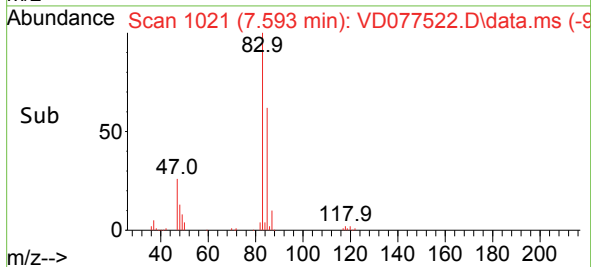
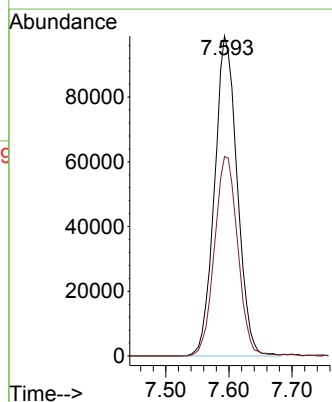
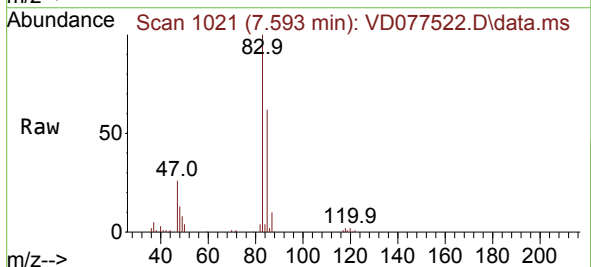
Acq: 08 Nov 2023 17:01

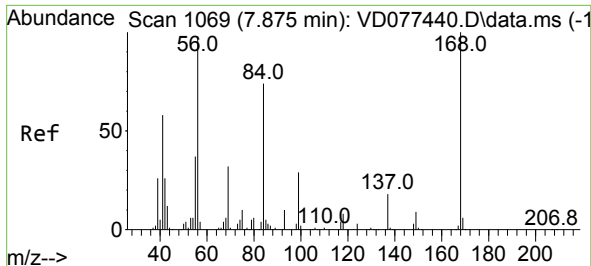
Tgt Ion: 83 Resp: 246049

Ion Ratio Lower Upper

83 100

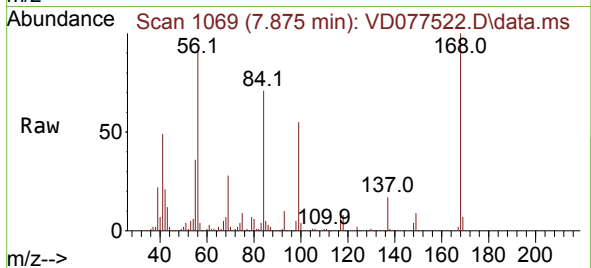
85 62.3 53.4 80.2



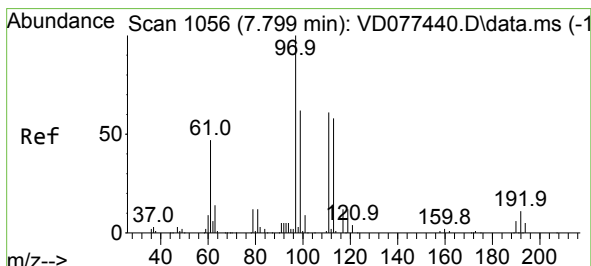
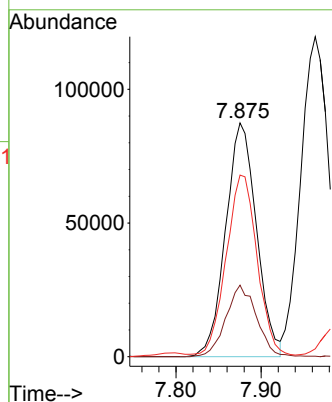
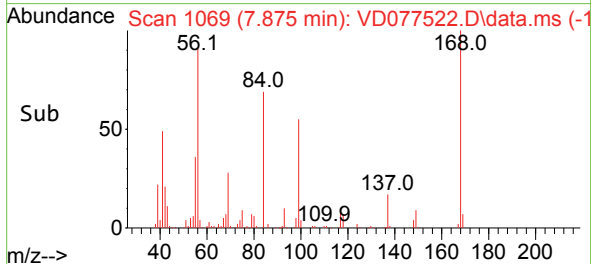


#31
Cyclohexane
Concen: 46.048 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

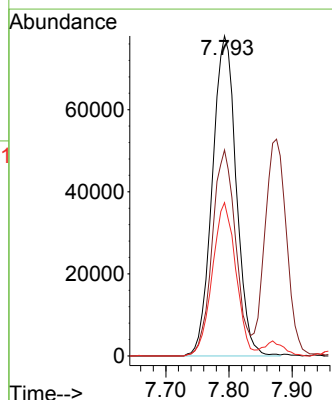
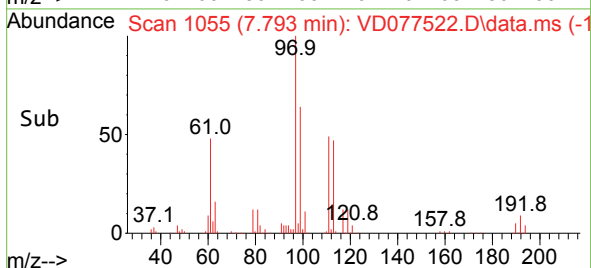
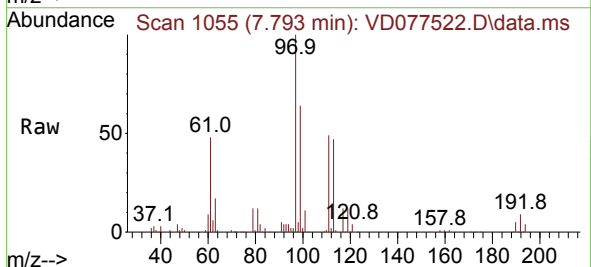


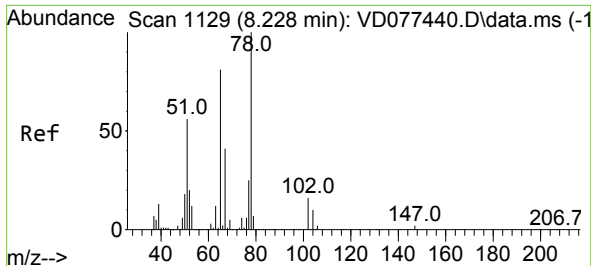
Tgt Ion: 56 Resp: 219853
Ion Ratio Lower Upper
56 100
69 30.6 28.6 43.0
84 76.3 84.8 127.2#



#32
1,1,1-Trichloroethane
Concen: 46.465 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 97 Resp: 205217
Ion Ratio Lower Upper
97 100
99 63.0 52.0 78.0
61 47.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.516 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

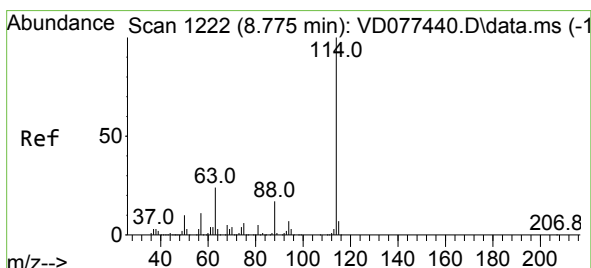
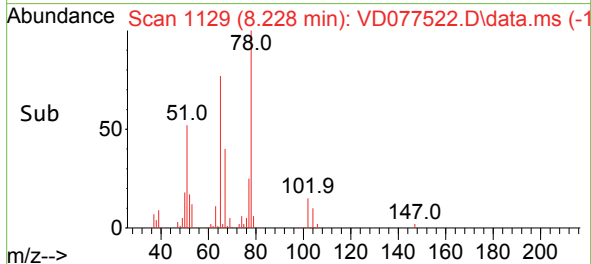
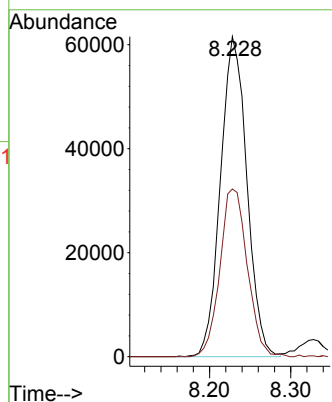
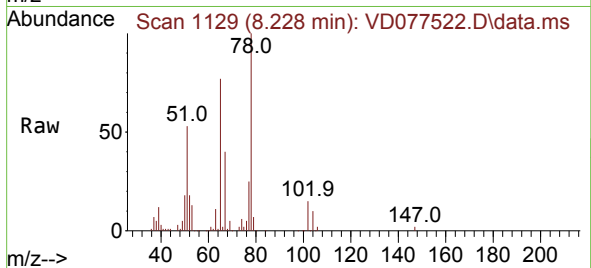
ClientSampleId :

Tgt Ion: 65 Resp: 139013

Ion Ratio Lower Upper

65 100

67 54.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

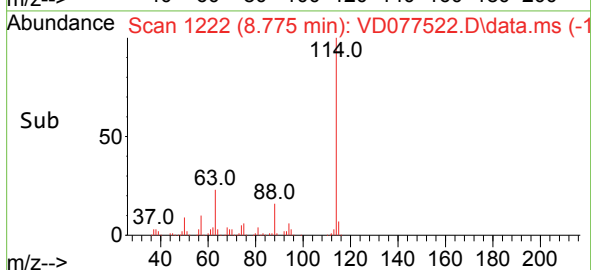
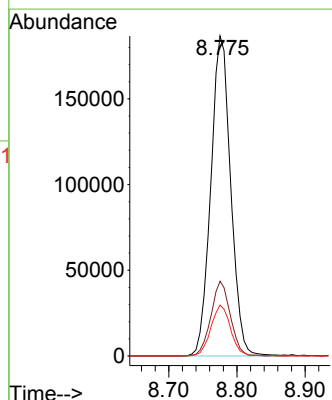
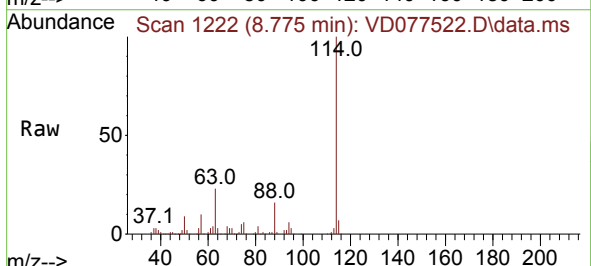
Tgt Ion: 114 Resp: 379427

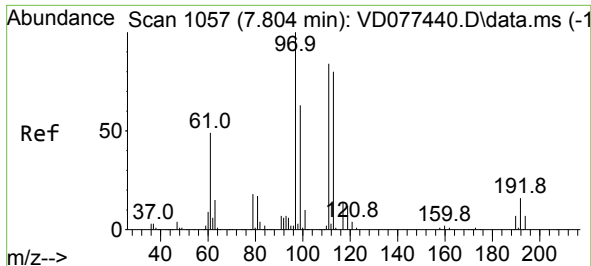
Ion Ratio Lower Upper

114 100

63 23.3 0.0 33.4

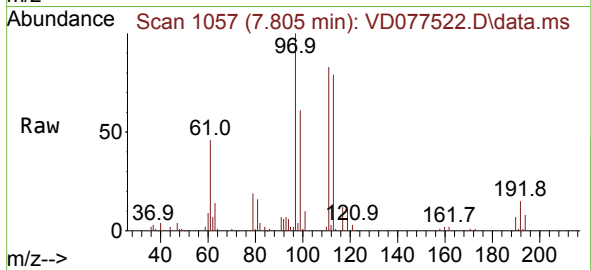
88 15.9 0.0 26.2



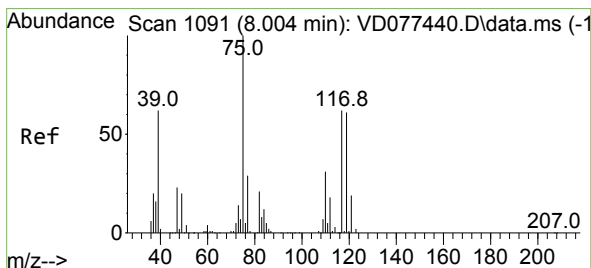
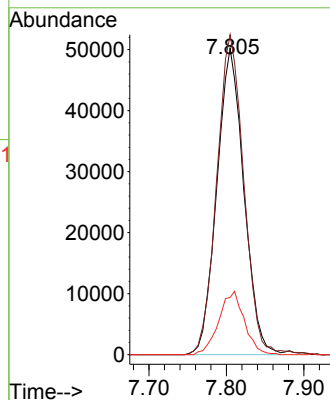
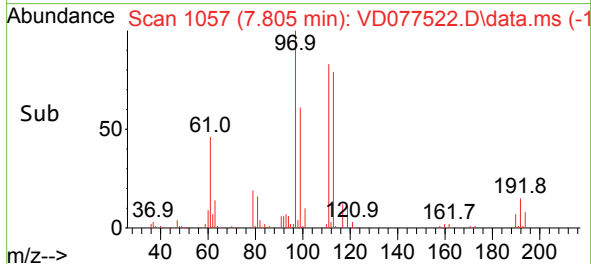


#35
Dibromofluoromethane
Concen: 46.349 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

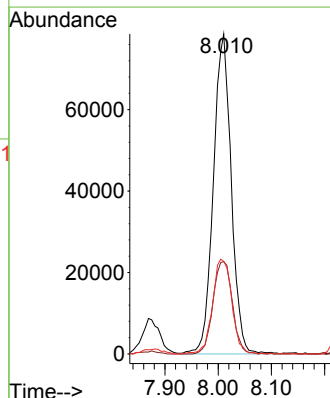
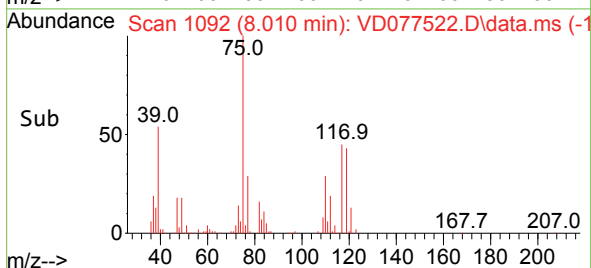
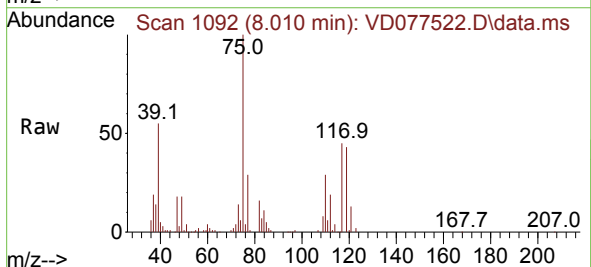


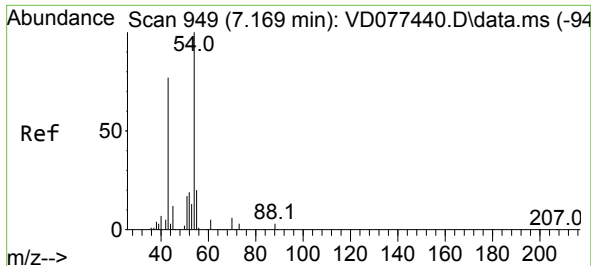
Tgt Ion:113 Resp: 121548
Ion Ratio Lower Upper
113 100
111 104.7 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 47.148 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

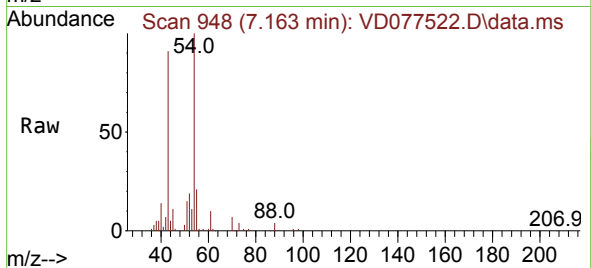
Tgt Ion: 75 Resp: 183322
Ion Ratio Lower Upper
75 100
110 31.1 19.9 59.6
77 31.9 24.7 37.1



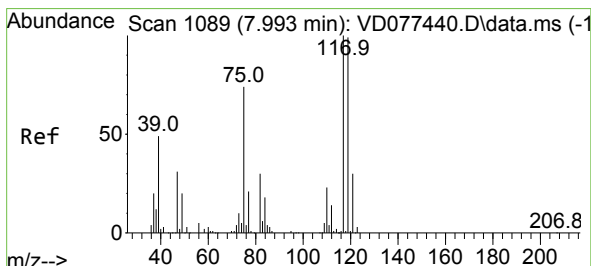
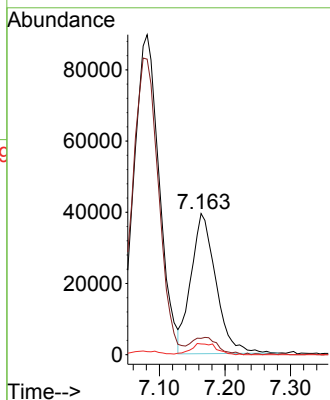
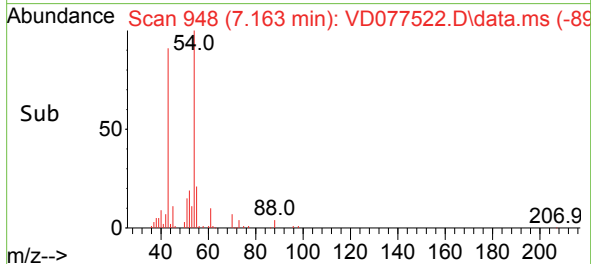


#37
Ethyl Acetate
Concen: 46.577 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

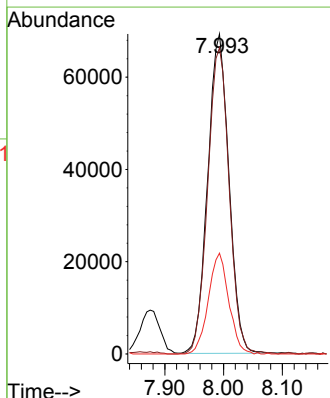
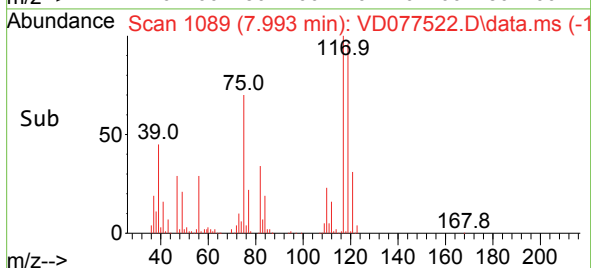
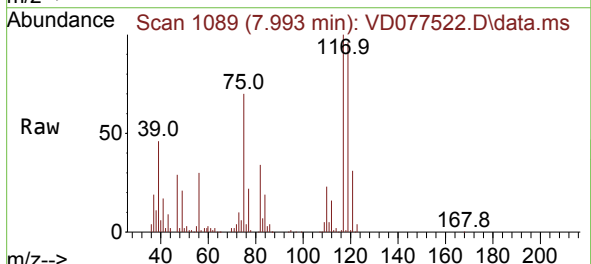


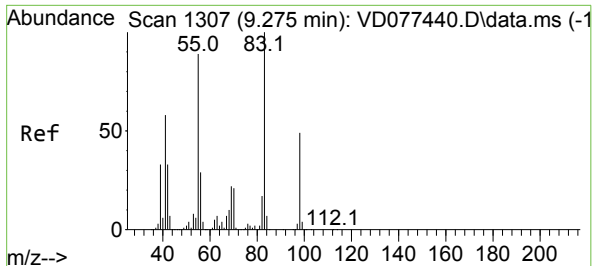
Tgt Ion: 43 Resp: 103932
Ion Ratio Lower Upper
43 100
61 12.9 14.9 22.3#
70 8.2 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 47.423 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 117 Resp: 173755
Ion Ratio Lower Upper
117 100
119 96.0 78.0 117.0
121 31.6 24.2 36.2





#39

Methylcyclohexane

Concen: 47.641 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

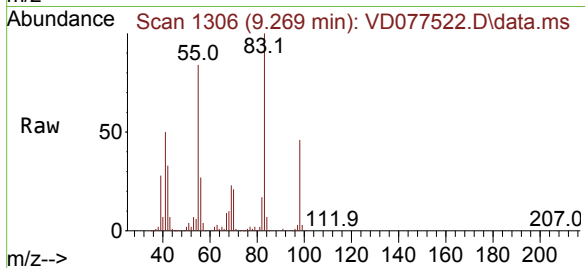
Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :



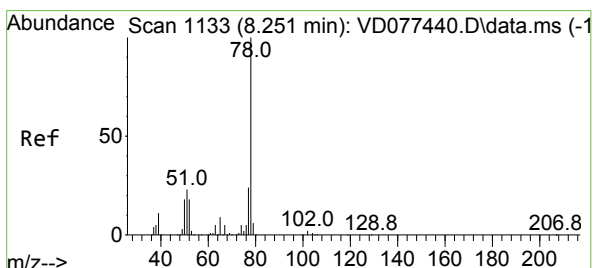
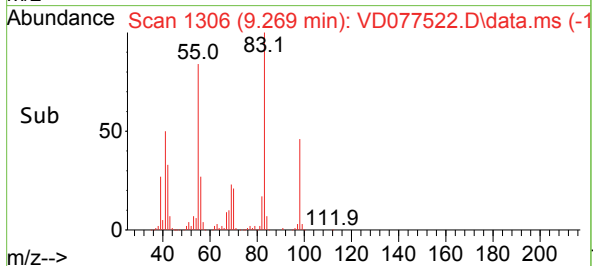
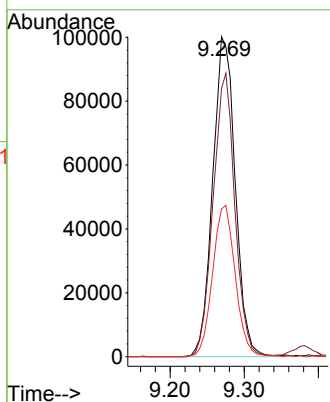
Tgt Ion: 83 Resp: 211357

Ion Ratio Lower Upper

83 100

55 83.9 49.4 74.0#

98 46.2 38.4 57.6



#40

Benzene

Concen: 47.864 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077522.D

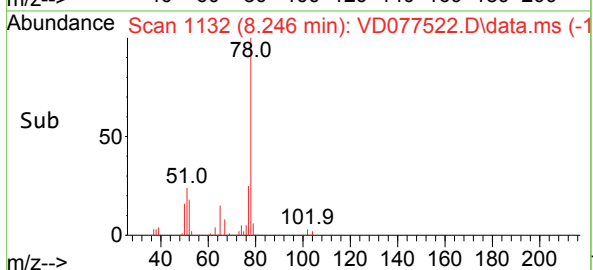
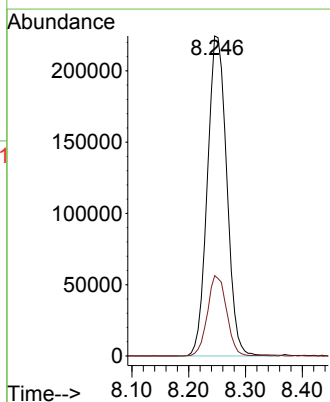
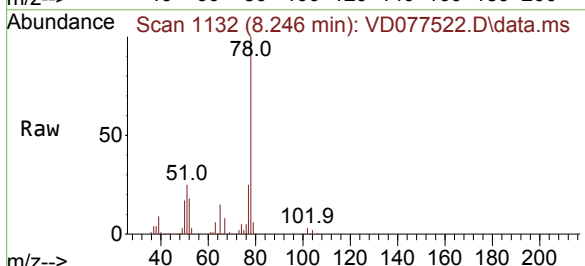
Acq: 08 Nov 2023 17:01

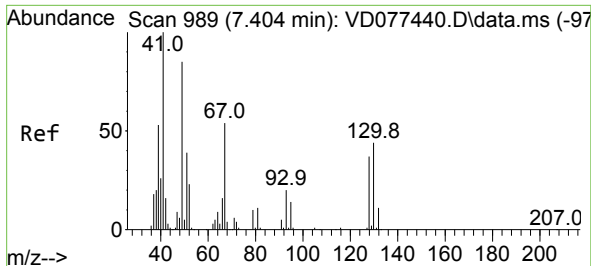
Tgt Ion: 78 Resp: 530676

Ion Ratio Lower Upper

78 100

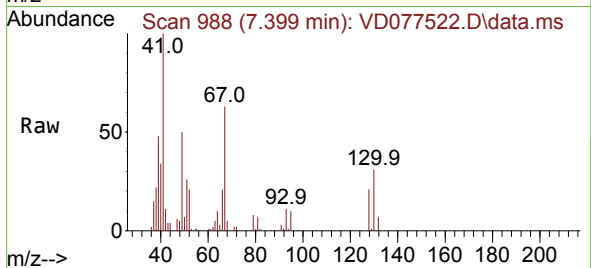
77 25.1 19.4 29.0



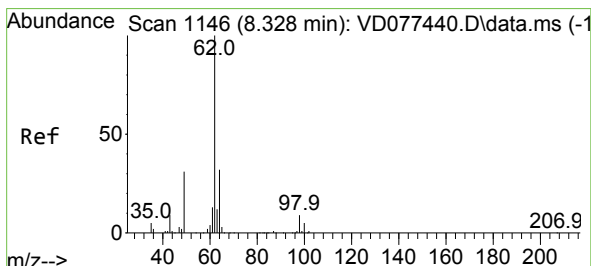
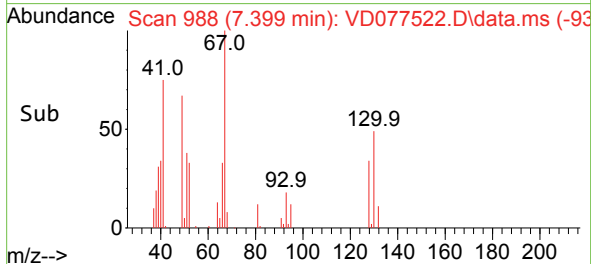
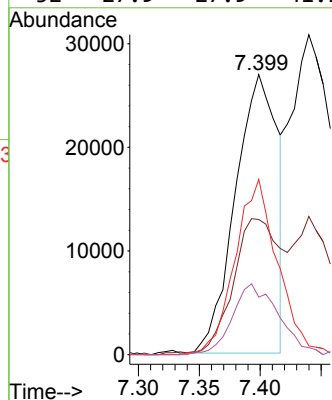


#41
Methacrylonitrile
Concen: 45.332 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

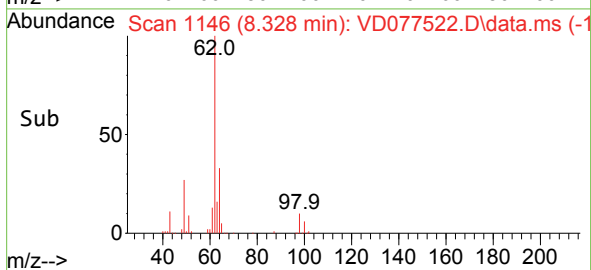
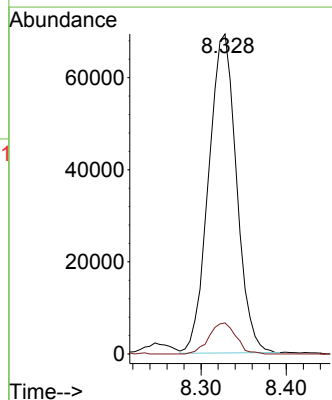
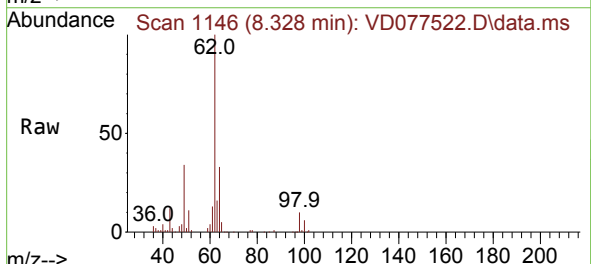


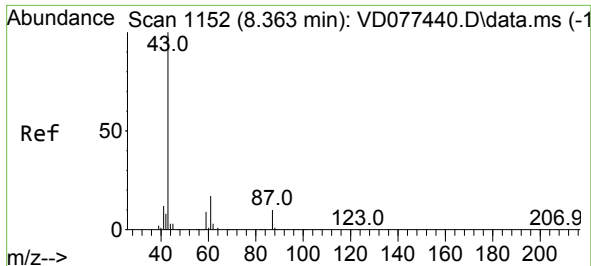
Tgt Ion: 41 Resp: 64724
Ion Ratio Lower Upper
41 100
39 55.0 34.0 51.0#
67 64.4 77.0 115.4#
52 27.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 44.874 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

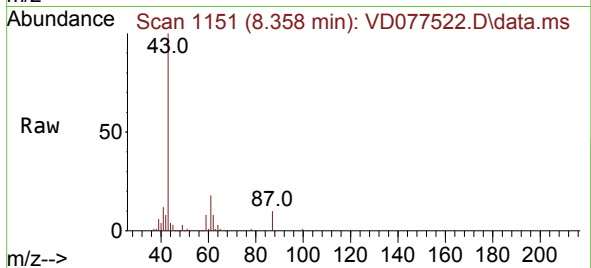
Tgt Ion: 62 Resp: 157583
Ion Ratio Lower Upper
62 100
98 9.4 0.0 25.4



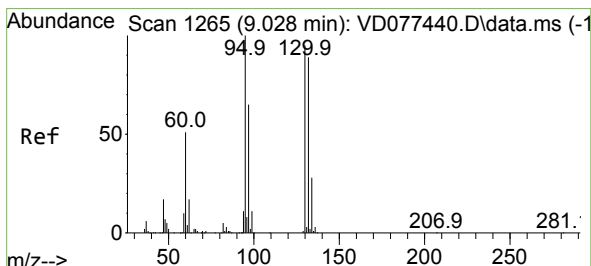
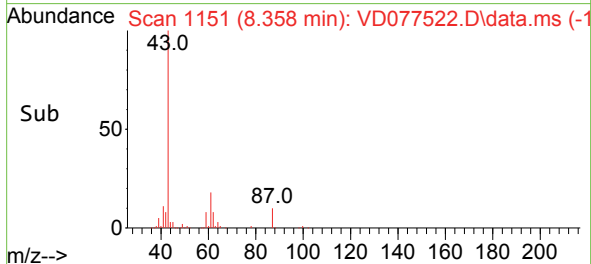
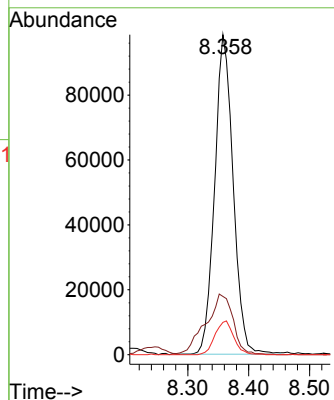


#43
Isopropyl Acetate
Concen: 45.042 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

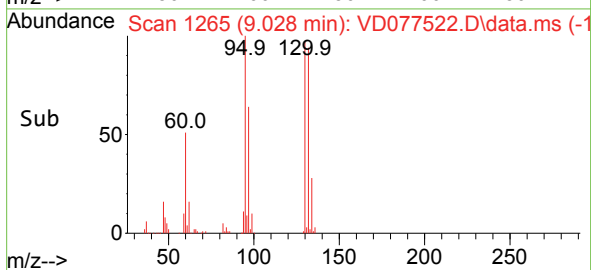
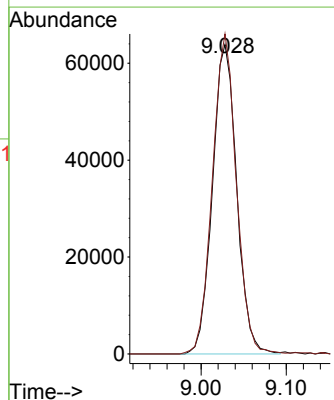
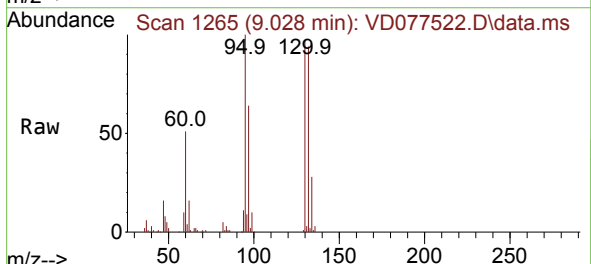


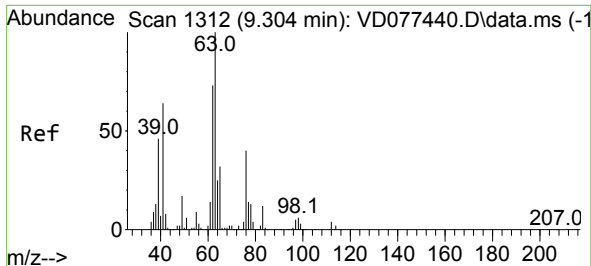
Tgt Ion: 43 Resp: 207410
Ion Ratio Lower Upper
43 100
61 28.0 31.4 47.0#
87 10.8 14.9 22.3#



#44
Trichloroethene
Concen: 46.411 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion:130 Resp: 126045
Ion Ratio Lower Upper
130 100
95 103.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 46.174 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

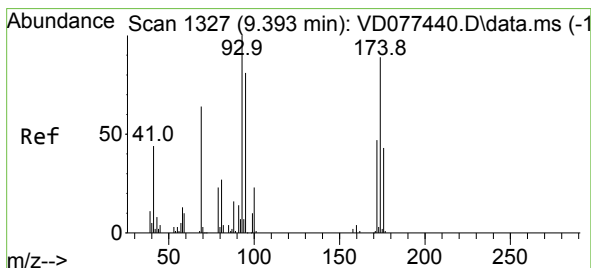
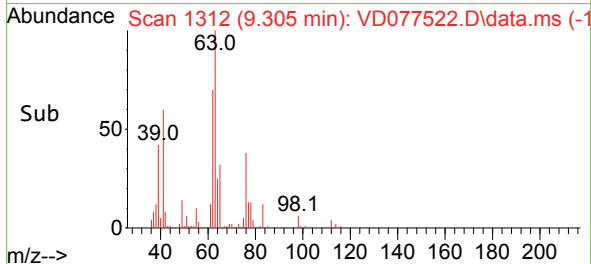
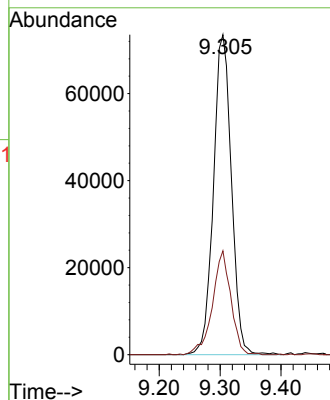
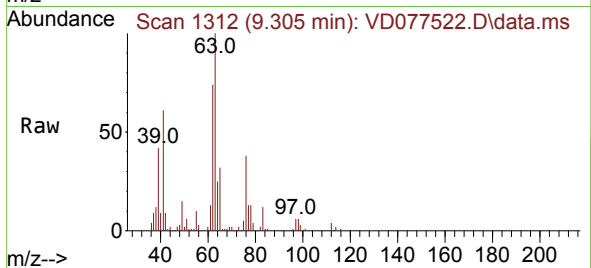
ClientSampleId :

Tgt Ion: 63 Resp: 150719

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 45.125 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

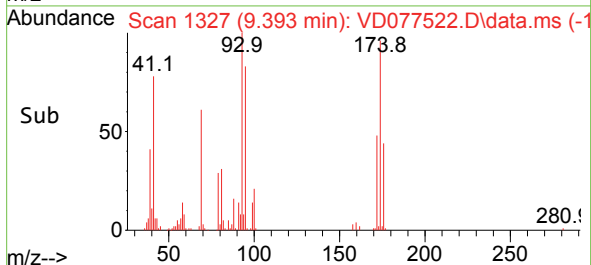
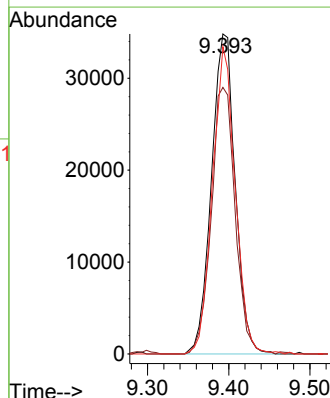
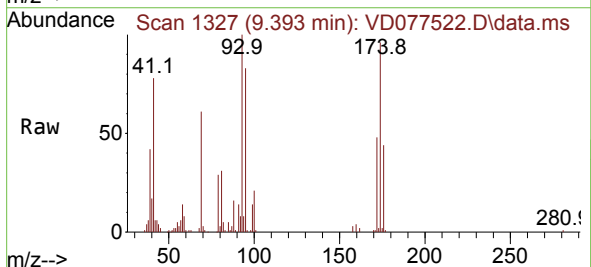
Tgt Ion: 93 Resp: 70884

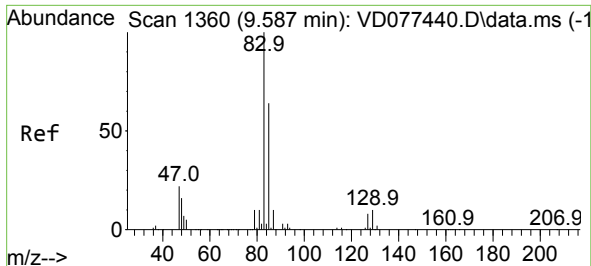
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 92.1 85.4 128.2





#47

Bromodichloromethane

Concen: 45.385 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

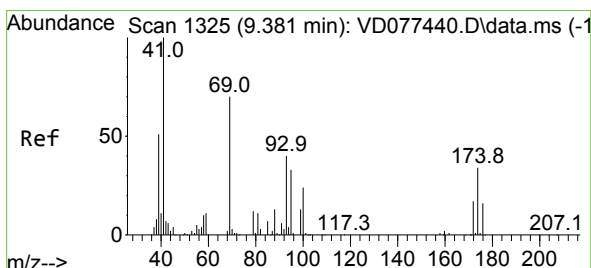
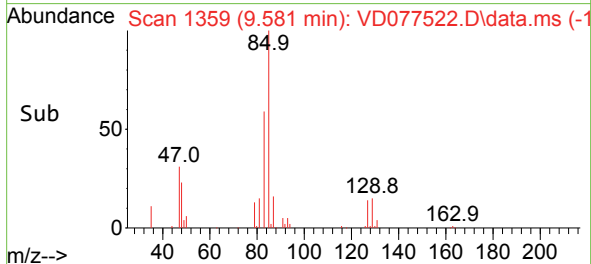
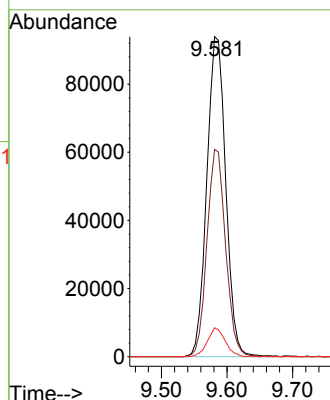
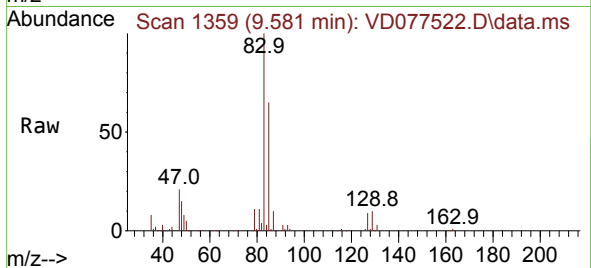
Tgt Ion: 83 Resp: 188438

Ion Ratio Lower Upper

83 100

85 64.8 50.2 75.4

127 9.0 6.3 9.5



#48

Methyl methacrylate

Concen: 44.657 ug/l

RT: 9.375 min Scan# 1324

Delta R.T. -0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

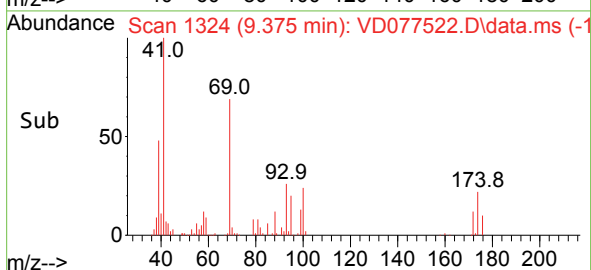
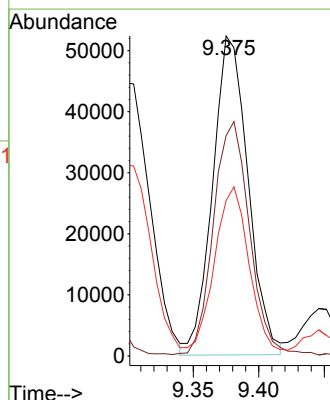
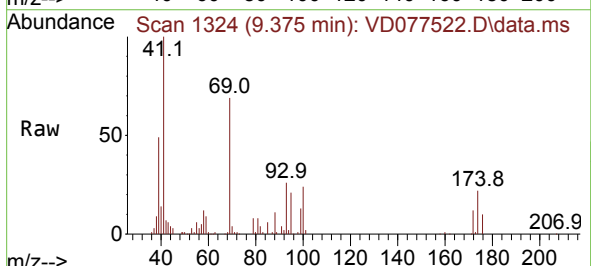
Tgt Ion: 41 Resp: 98158

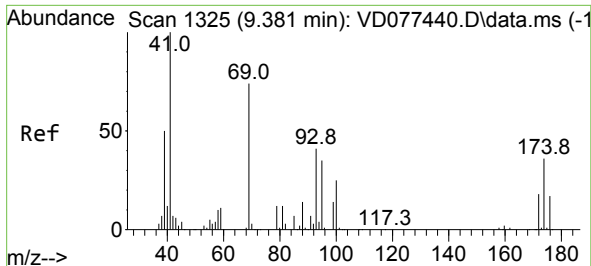
Ion Ratio Lower Upper

41 100

69 75.8 102.2 153.2#

39 52.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1029.186 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

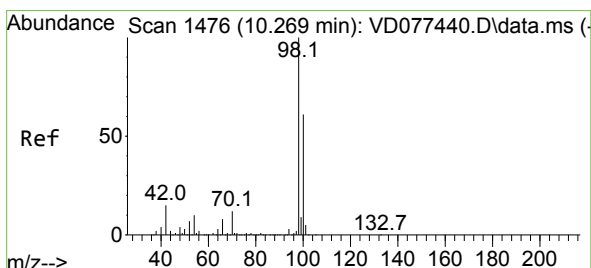
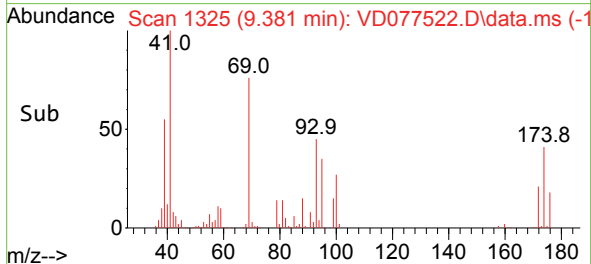
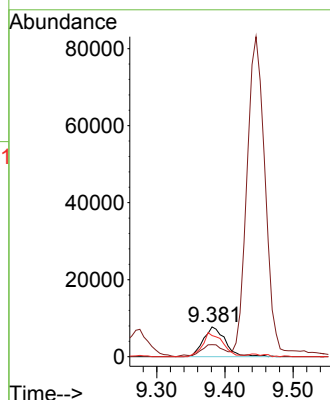
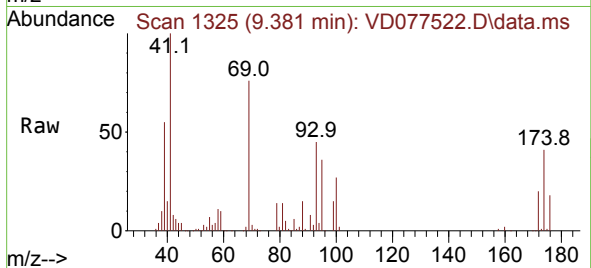
Tgt Ion: 88 Resp: 17372

Ion Ratio Lower Upper

88 100

43 41.3 19.0 28.6#

58 73.6 43.5 65.3#



#50

Toluene-d8

Concen: 48.714 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077522.D

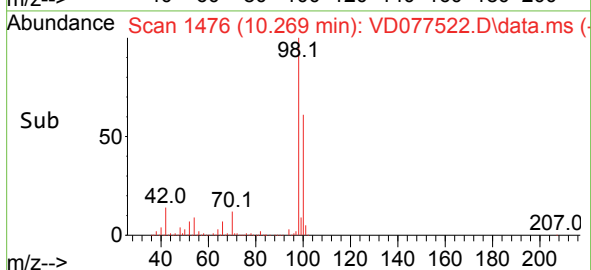
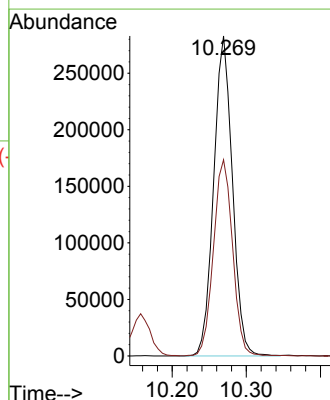
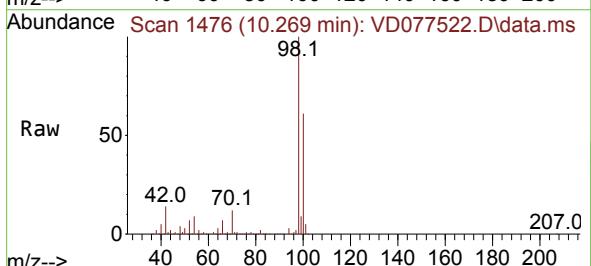
Acq: 08 Nov 2023 17:01

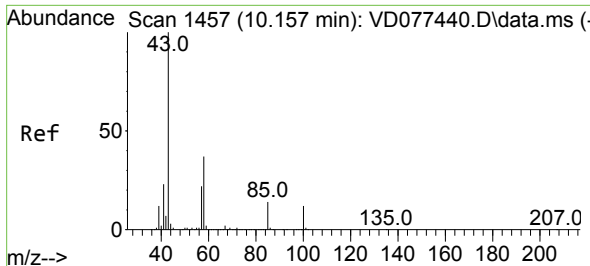
Tgt Ion: 98 Resp: 496210

Ion Ratio Lower Upper

98 100

100 62.6 50.3 75.5

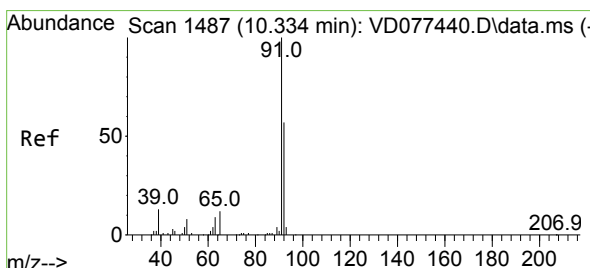
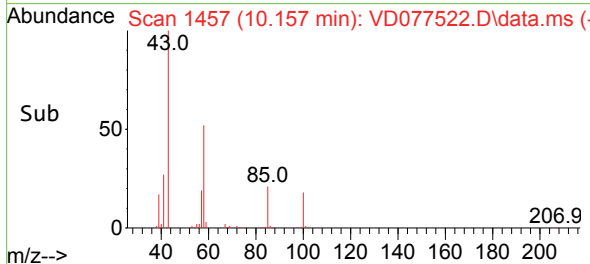
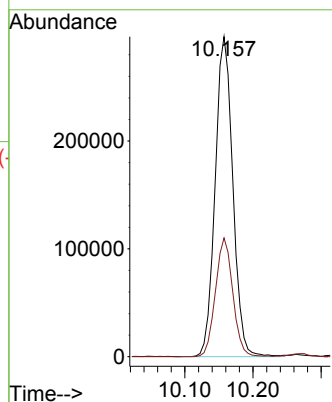
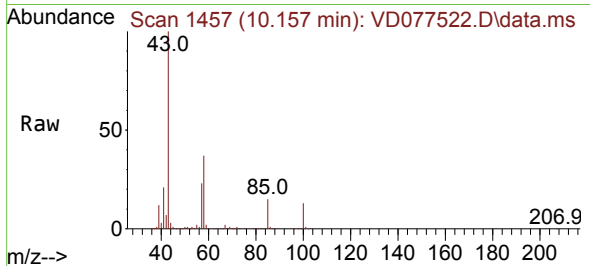




#51
4-Methyl-2-Pentanone
Concen: 236.554 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

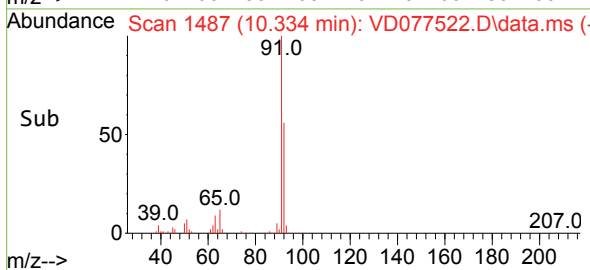
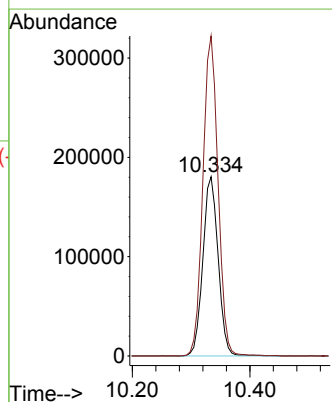
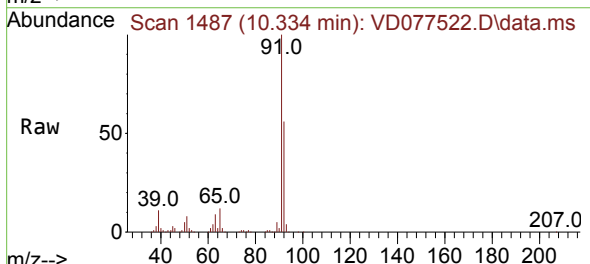
Instrument :
MSVOA_D
ClientSampleId :

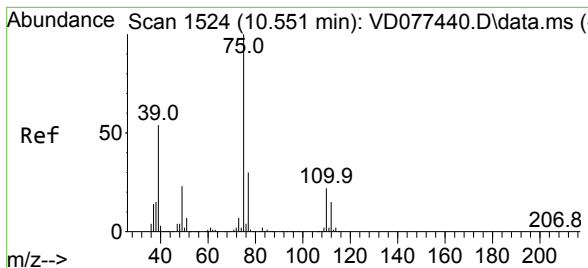
Tgt Ion: 43 Resp: 536157
Ion Ratio Lower Upper
43 100
58 36.4 38.9 58.3#



#52
Toluene
Concen: 48.119 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 92 Resp: 325241
Ion Ratio Lower Upper
92 100
91 176.9 143.0 214.4

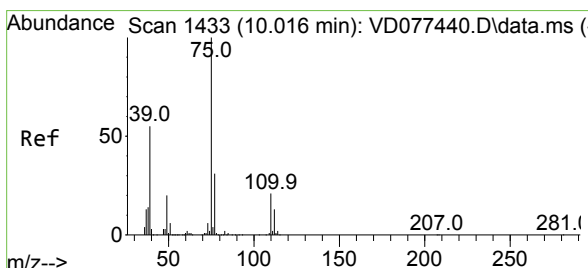
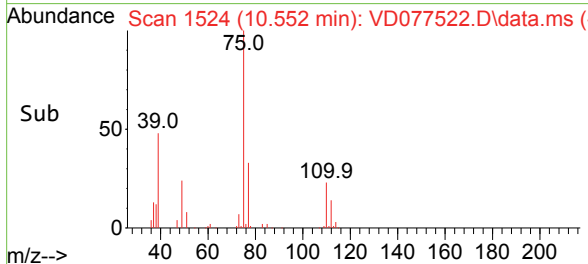
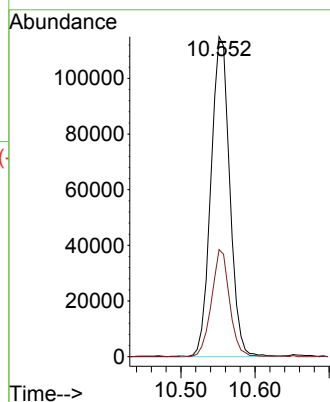
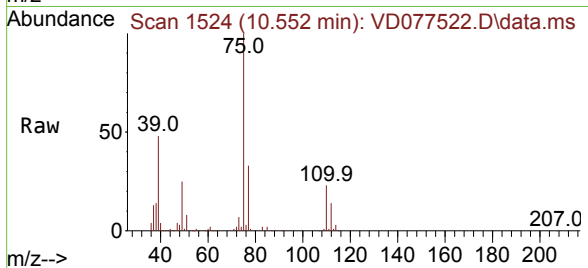




#53
t-1,3-Dichloropropene
Concen: 46.082 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

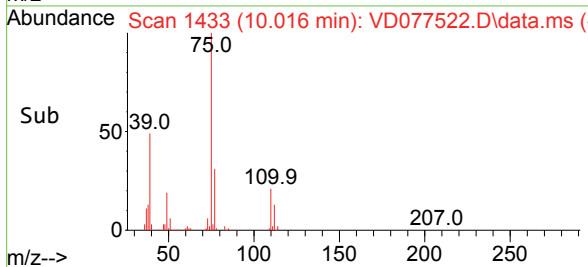
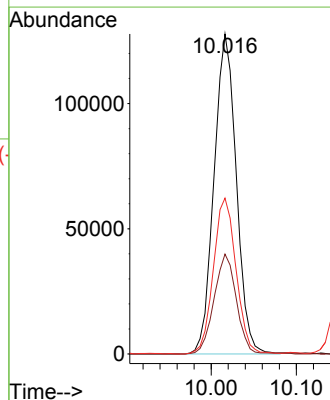
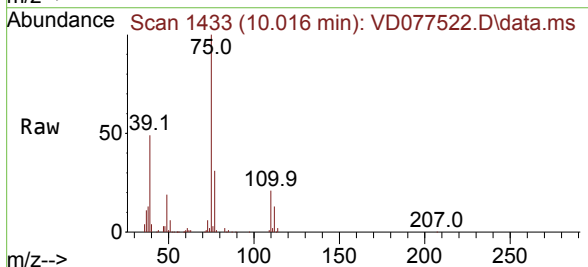
Instrument :
MSVOA_D
ClientSampleId :

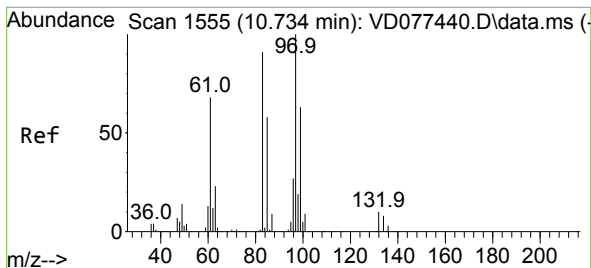
Tgt Ion: 75 Resp: 202602
Ion Ratio Lower Upper
75 100
77 33.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 45.850 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 75 Resp: 231972
Ion Ratio Lower Upper
75 100
77 31.2 25.5 38.3
39 48.7 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 48.233 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

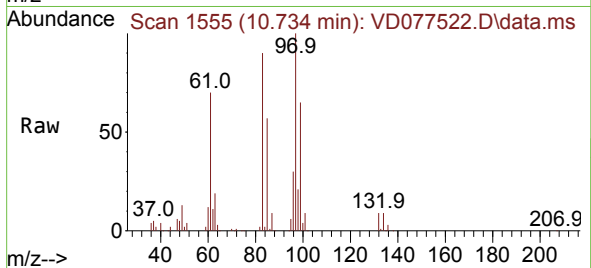
Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 101085

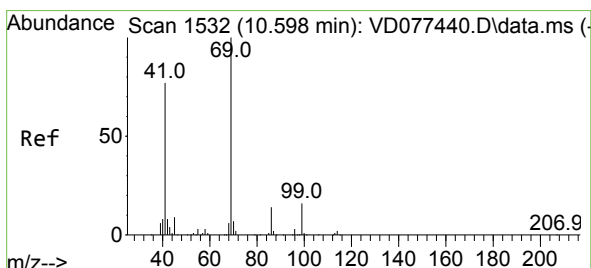
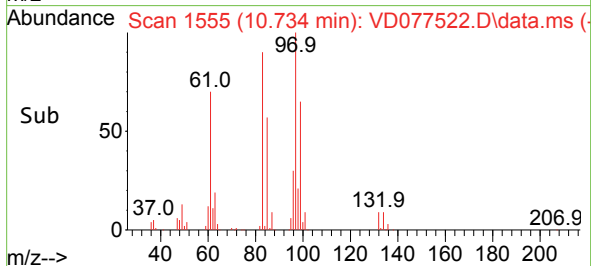
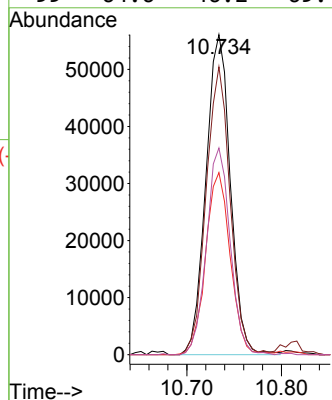
Ion Ratio Lower Upper

97 100

83 89.9 65.8 98.6

85 56.6 45.7 68.5

99 64.6 46.2 69.4



#56

Ethyl methacrylate

Concen: 46.455 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

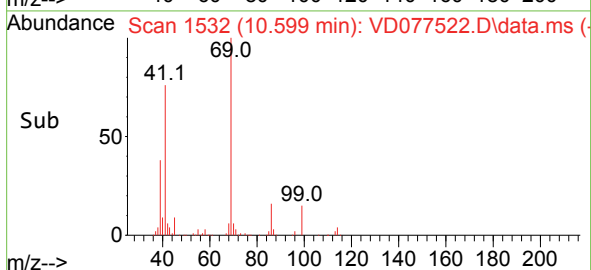
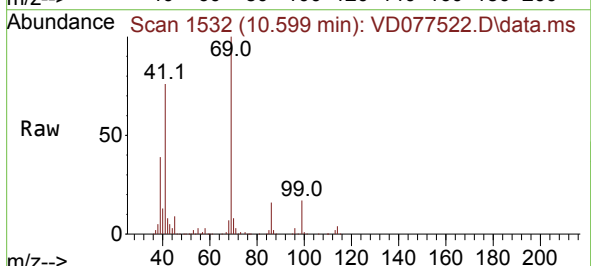
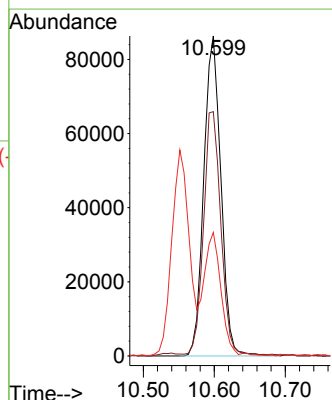
Tgt Ion: 69 Resp: 144758

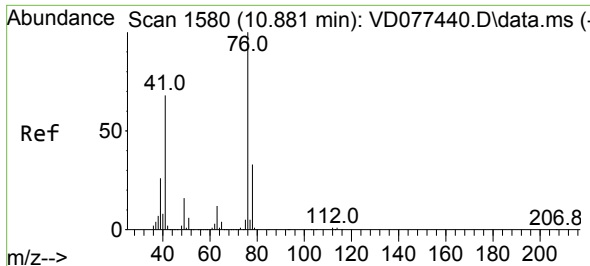
Ion Ratio Lower Upper

69 100

41 77.4 39.1 58.7#

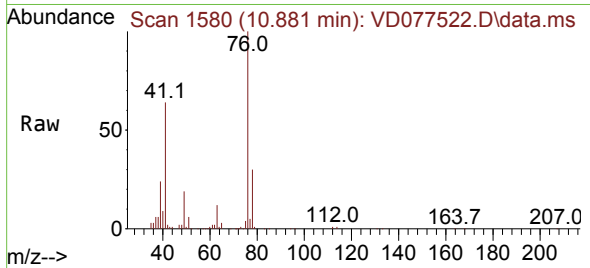
39 38.6 20.0 30.0#



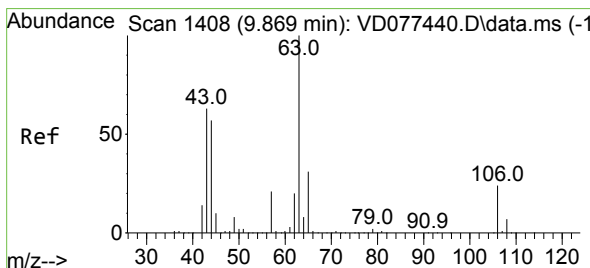
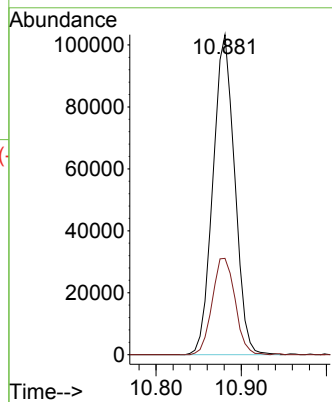
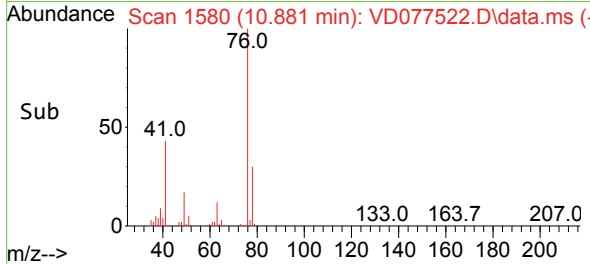


#57
1,3-Dichloropropane
Concen: 46.744 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

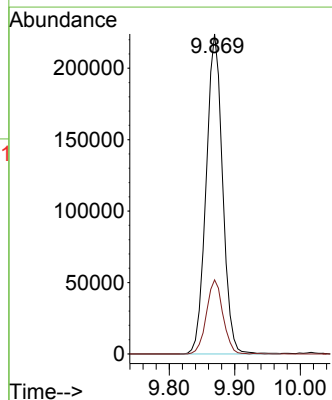
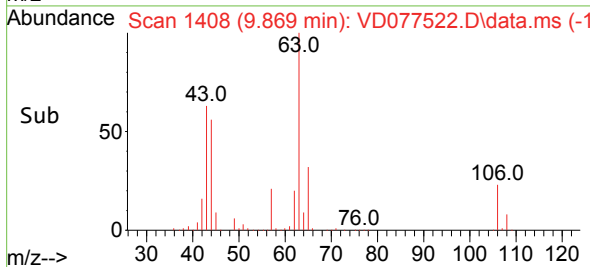
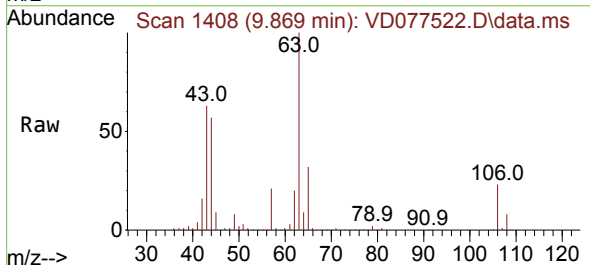


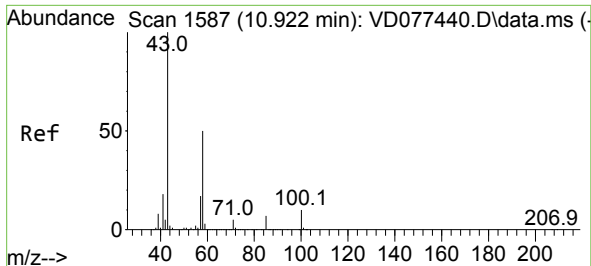
Tgt Ion: 76 Resp: 183110
Ion Ratio Lower Upper
76 100
78 31.7 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 250.272 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

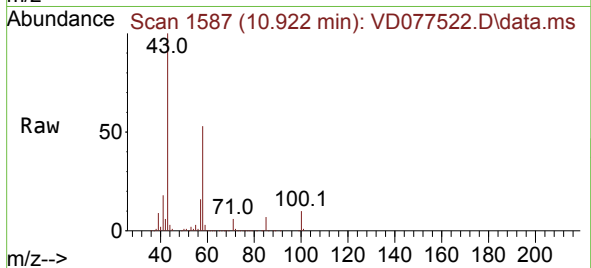
Tgt Ion: 63 Resp: 390424
Ion Ratio Lower Upper
63 100
106 23.2 25.3 37.9#



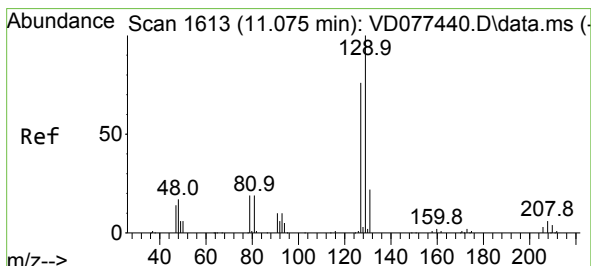
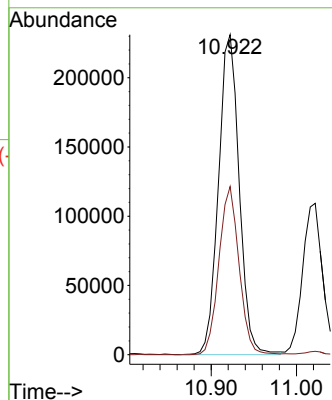
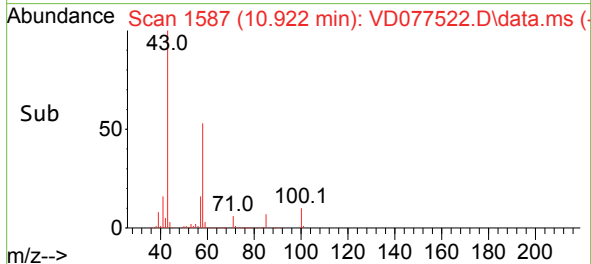


#59
2-Hexanone
Concen: 233.483 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

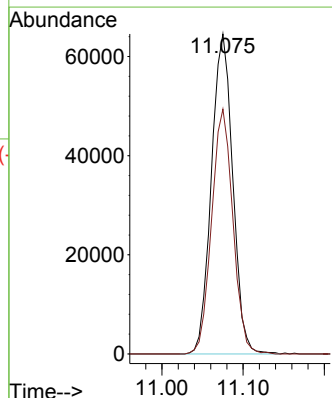
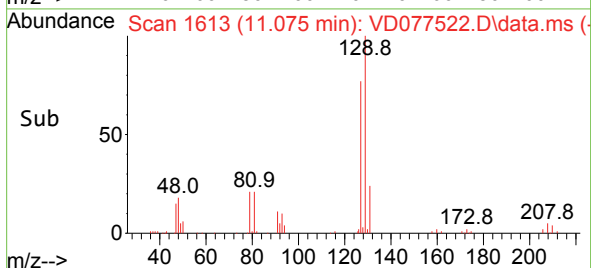
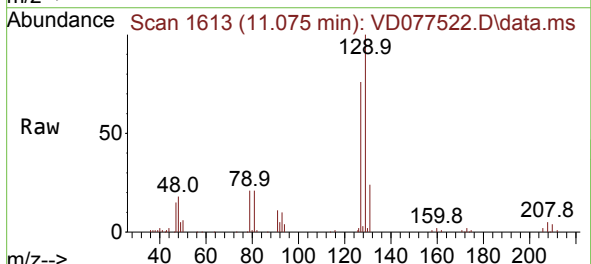


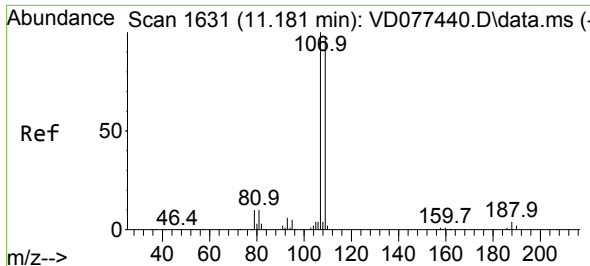
Tgt Ion: 43 Resp: 389842
Ion Ratio Lower Upper
43 100
58 51.3 34.1 102.2



#60
Dibromochloromethane
Concen: 46.800 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 129 Resp: 117941
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

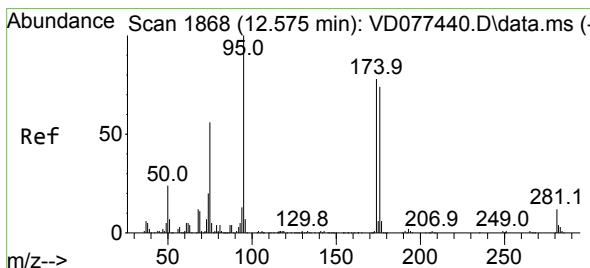
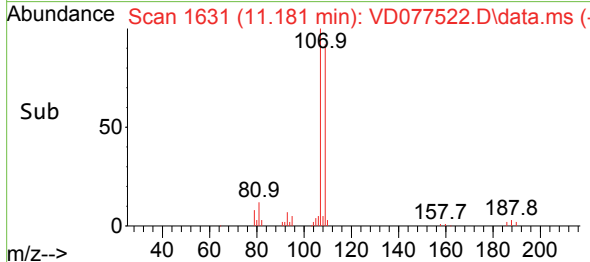
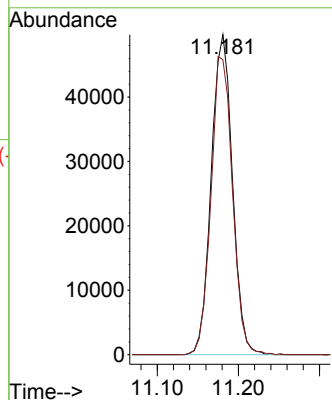
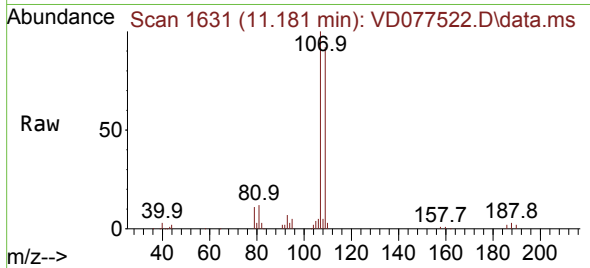




#61
1,2-Dibromoethane
Concen: 45.400 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

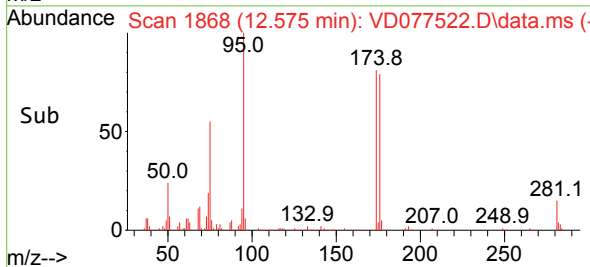
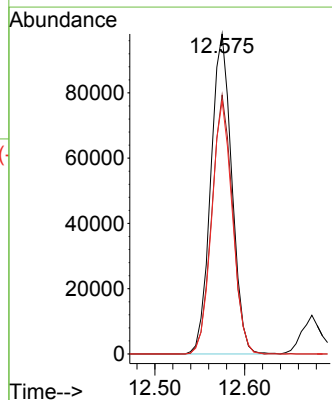
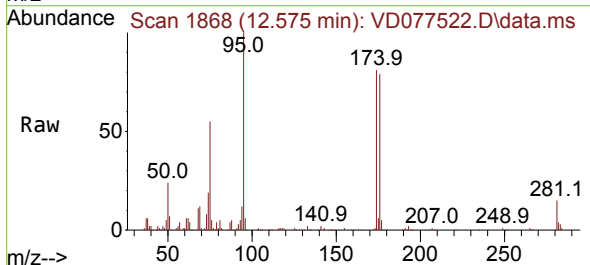
Instrument :
MSVOA_D
ClientSampleId :

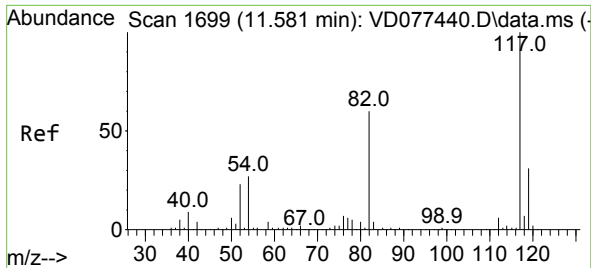
Tgt Ion:107 Resp: 90106
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.438 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 95 Resp: 159319
Ion Ratio Lower Upper
95 100
174 80.0 0.0 201.8
176 77.7 0.0 191.8

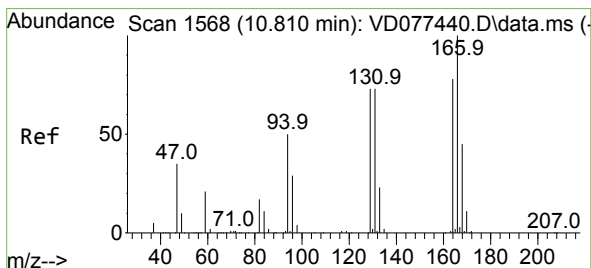
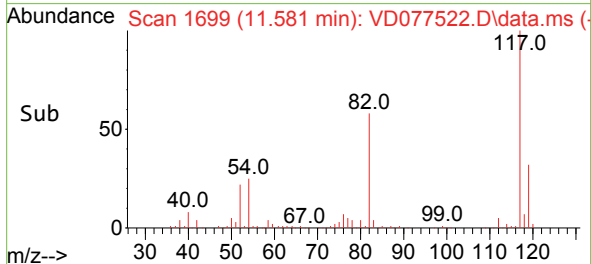
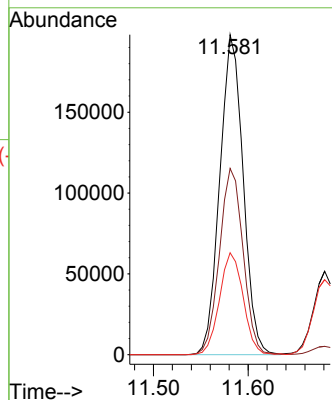
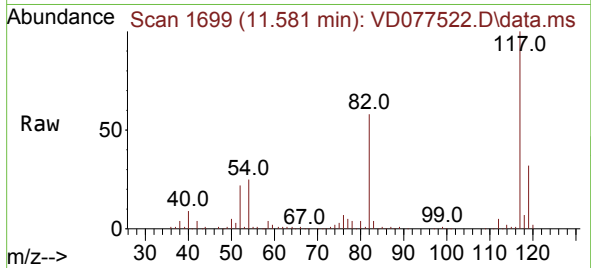




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

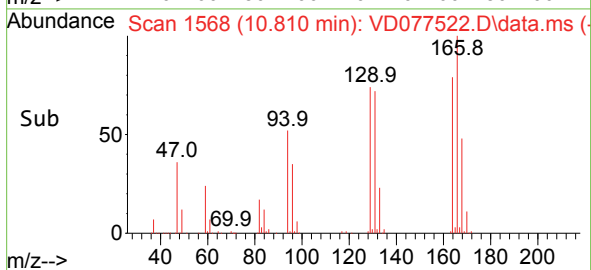
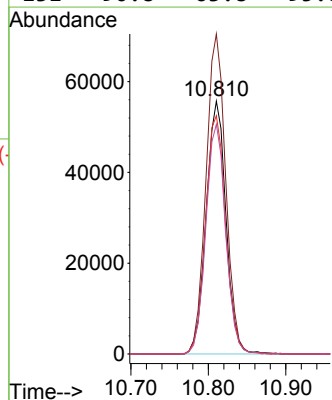
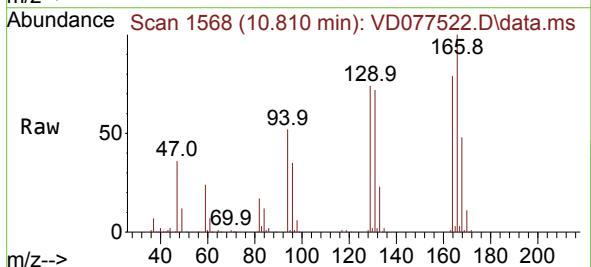
Instrument :
MSVOA_D
ClientSampleId :

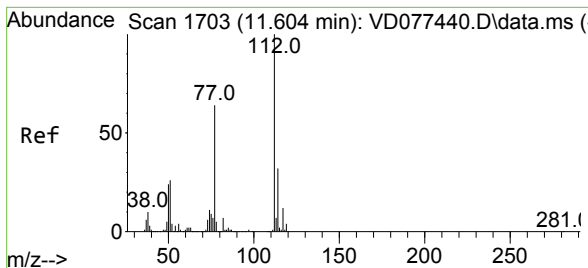
Tgt Ion:117 Resp: 339258
Ion Ratio Lower Upper
117 100
82 58.2 38.3 57.5#
119 31.8 25.0 37.4



#64
Tetrachloroethene
Concen: 46.062 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion:164 Resp: 99491
Ion Ratio Lower Upper
164 100
166 126.5 99.2 148.8
129 94.2 68.4 102.6
131 90.8 63.8 95.8





#65

Chlorobenzene

Concen: 47.346 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

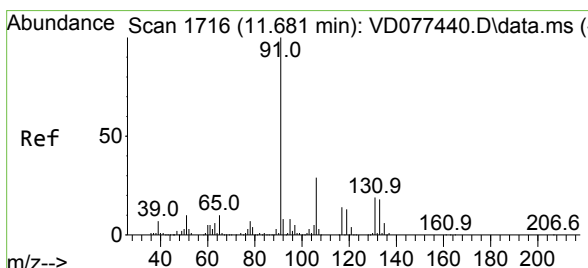
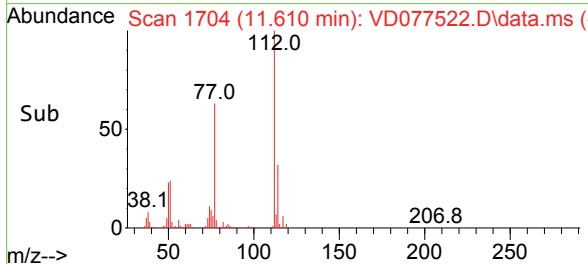
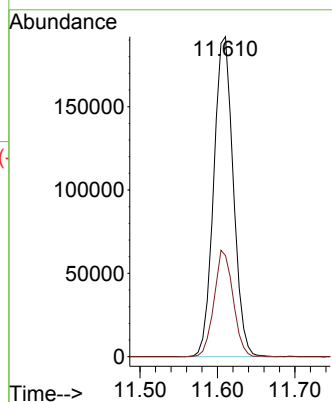
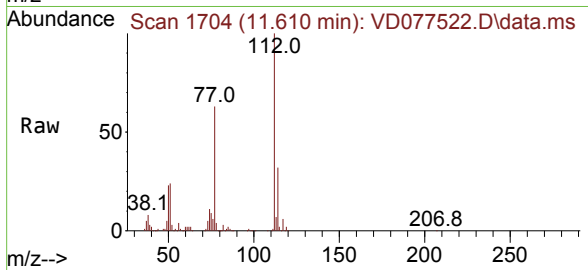
ClientSampleId :

Tgt Ion:112 Resp: 336507

Ion Ratio Lower Upper

112 100

114 31.6 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 46.207 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

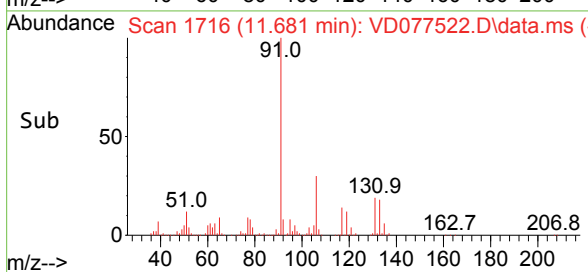
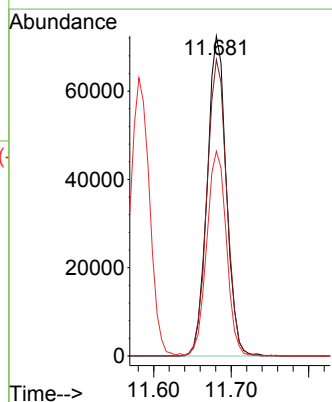
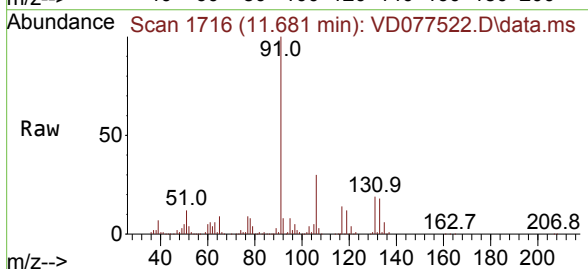
Tgt Ion:131 Resp: 124104

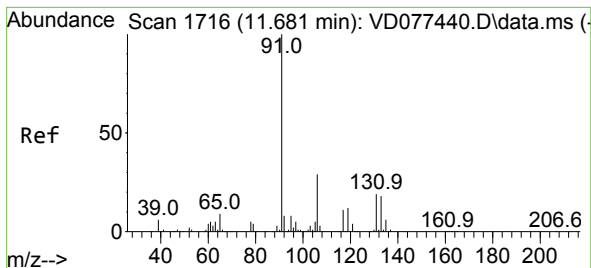
Ion Ratio Lower Upper

131 100

133 95.9 48.5 145.5

119 65.9 35.6 106.9





#67

Ethyl Benzene

Concen: 47.727 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

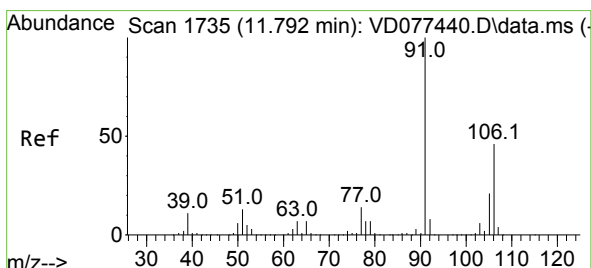
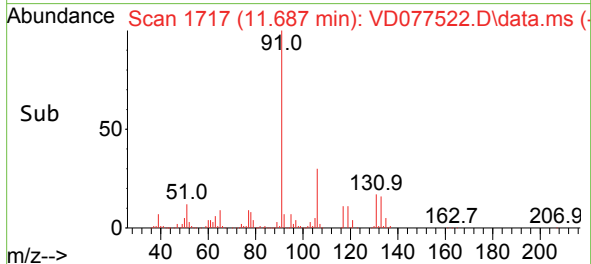
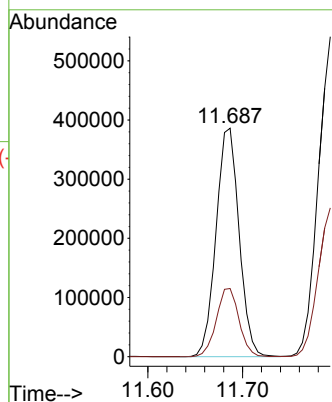
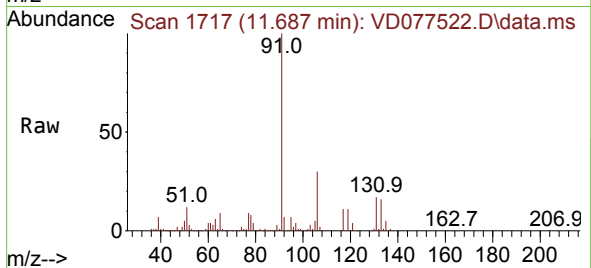
ClientSampleId :

Tgt Ion: 91 Resp: 652690

Ion Ratio Lower Upper

91 100

106 29.9 26.5 39.7



#68

m/p-Xylenes

Concen: 96.696 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077522.D

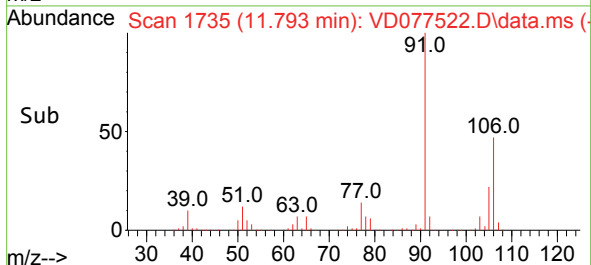
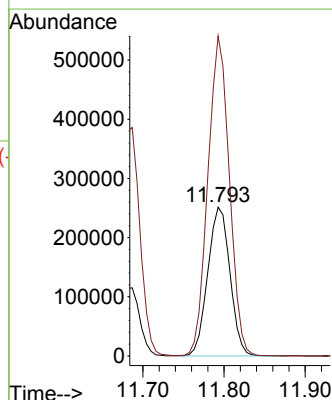
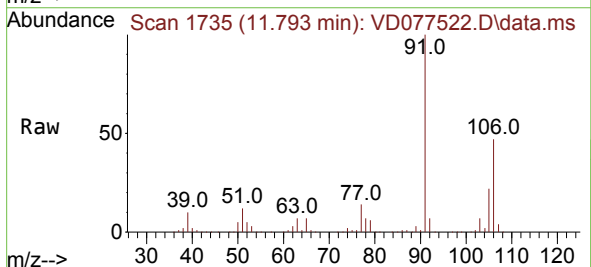
Acq: 08 Nov 2023 17:01

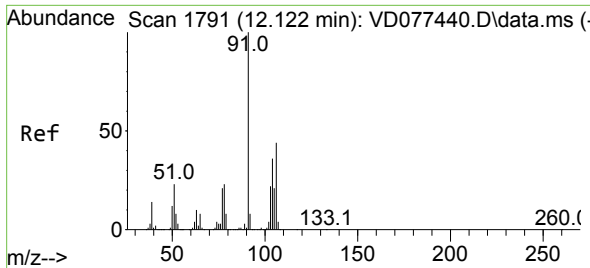
Tgt Ion:106 Resp: 477514

Ion Ratio Lower Upper

106 100

91 208.4 147.0 220.6

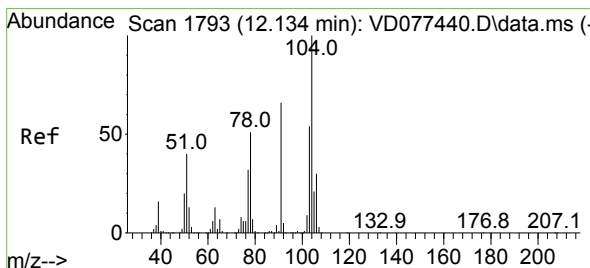
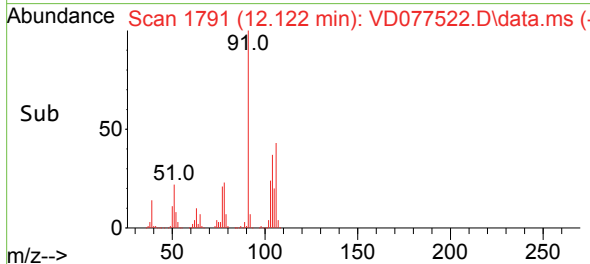
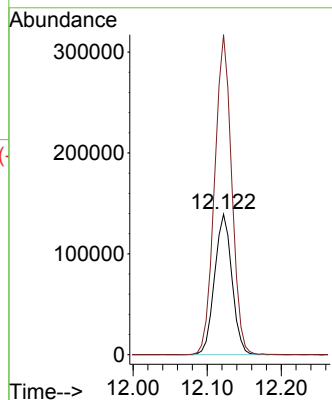
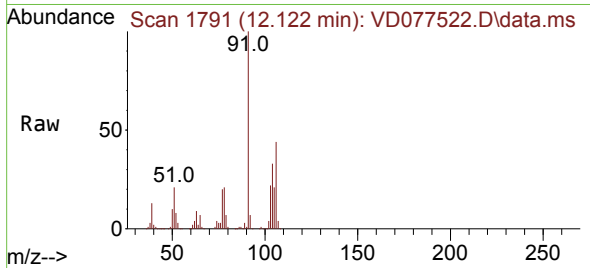




#69
o-Xylene
Concen: 47.925 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

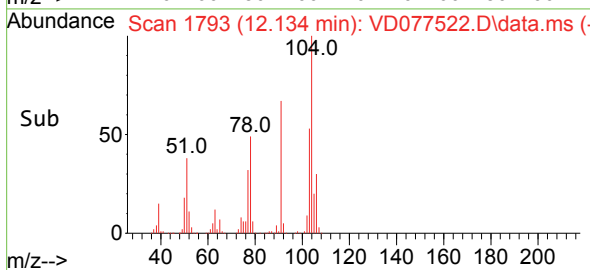
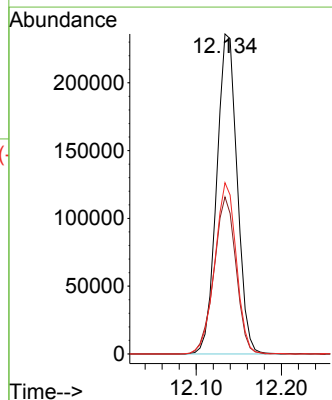
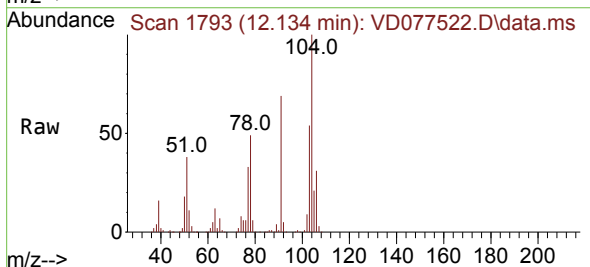
Instrument :
MSVOA_D
ClientSampleId :

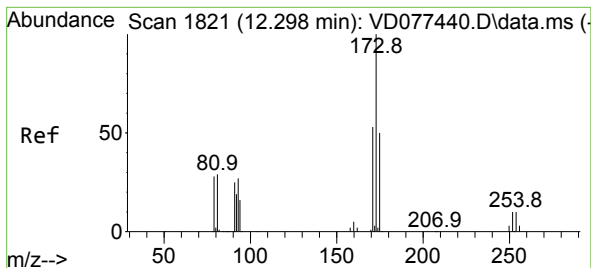
Tgt Ion:106 Resp: 226693
Ion Ratio Lower Upper
106 100
91 224.7 97.9 293.6



#70
Styrene
Concen: 48.295 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion:104 Resp: 394097
Ion Ratio Lower Upper
104 100
78 52.6 33.2 49.8#
103 56.4 43.6 65.4





#71

Bromoform

Concen: 47.074 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

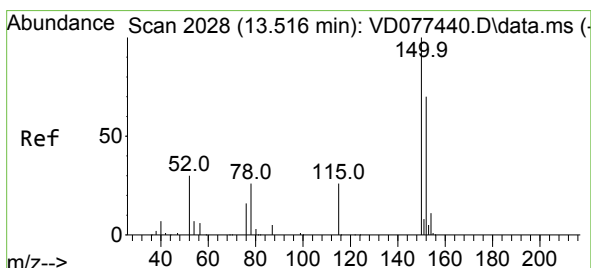
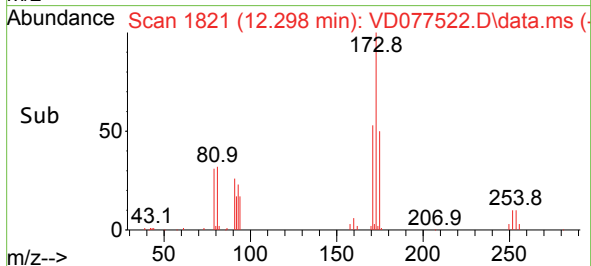
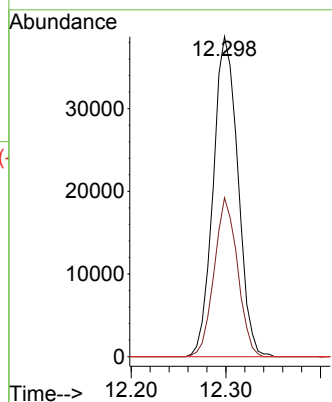
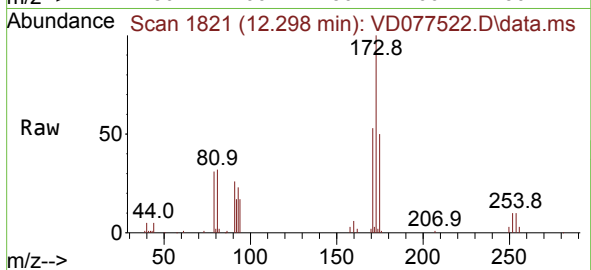
Tgt Ion:173 Resp: 70095

Ion Ratio Lower Upper

173 100

175 46.9 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

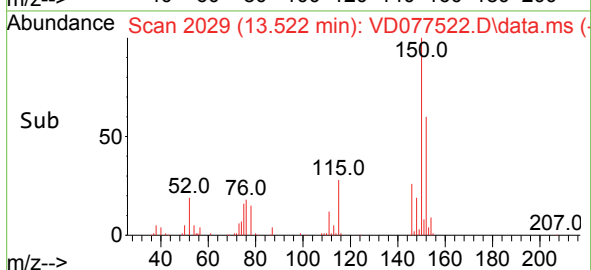
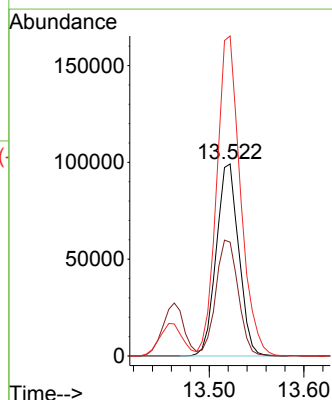
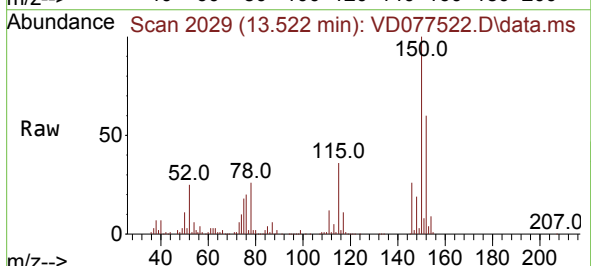
Tgt Ion:152 Resp: 163600

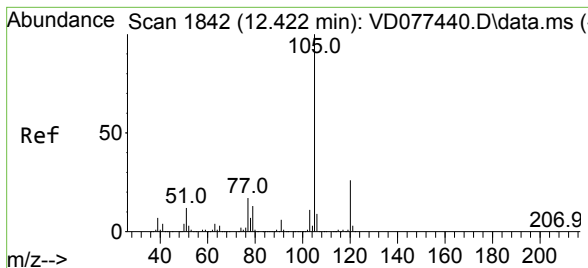
Ion Ratio Lower Upper

152 100

115 60.4 27.1 81.3

150 176.0 0.0 353.6





#73

Isopropylbenzene

Concen: 45.756 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

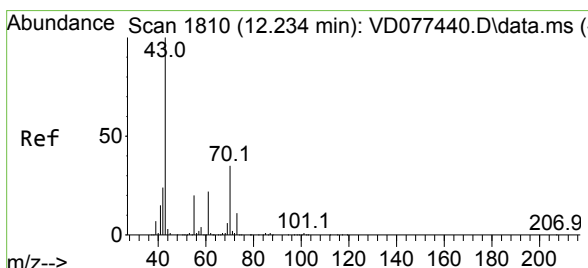
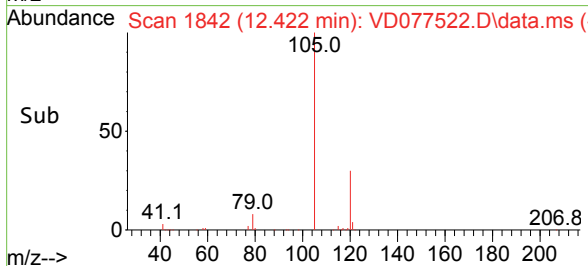
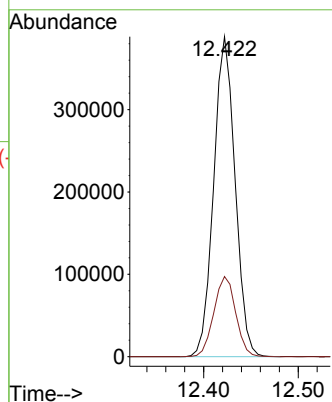
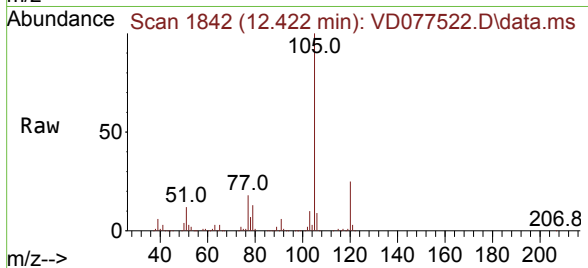
ClientSampleId :

Tgt Ion:105 Resp: 610315

Ion Ratio Lower Upper

105 100

120 25.6 14.3 42.9



#74

N-ethyl acetate

Concen: 42.258 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Tgt Ion: 43 Resp: 199649

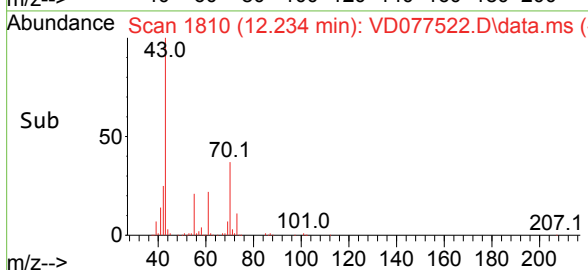
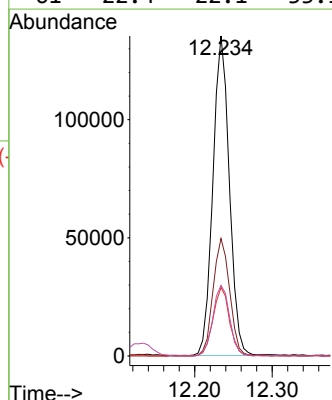
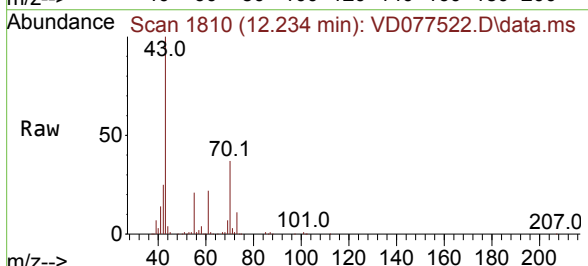
Ion Ratio Lower Upper

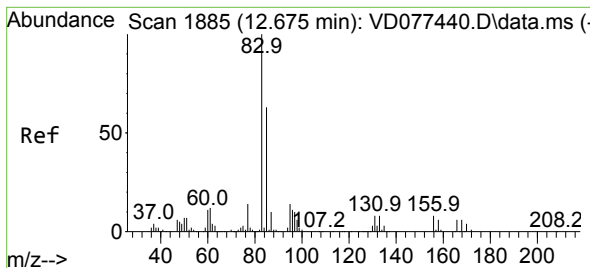
43 100

70 37.1 45.0 67.4#

55 21.6 23.8 35.6#

61 22.4 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.390 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

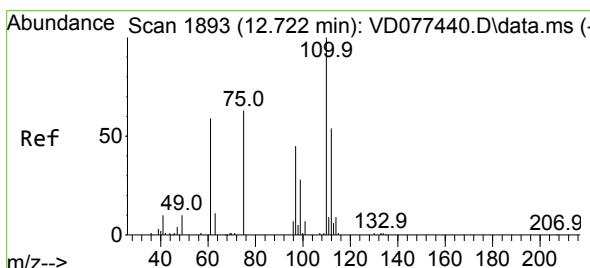
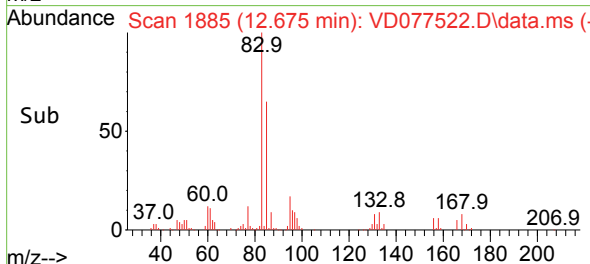
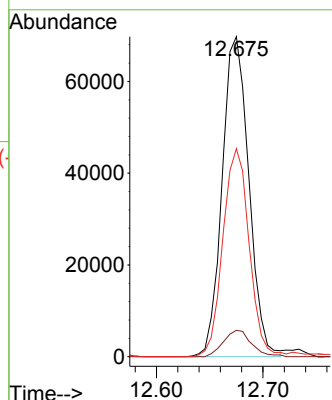
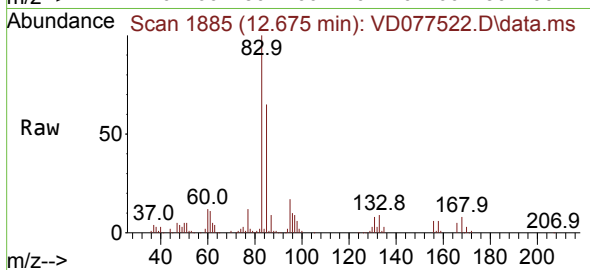
Tgt Ion: 83 Resp: 121292

Ion Ratio Lower Upper

83 100

131 8.7 5.1 15.3

85 64.0 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 82.323 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD077522.D

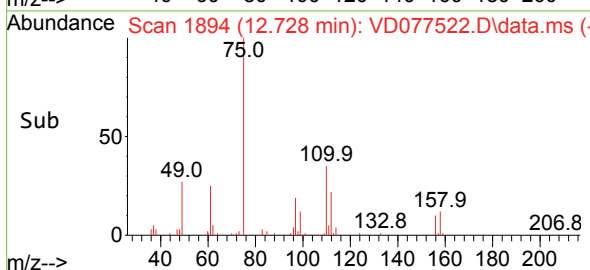
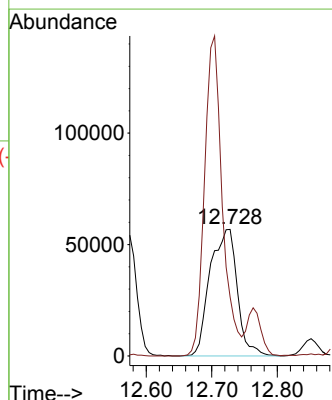
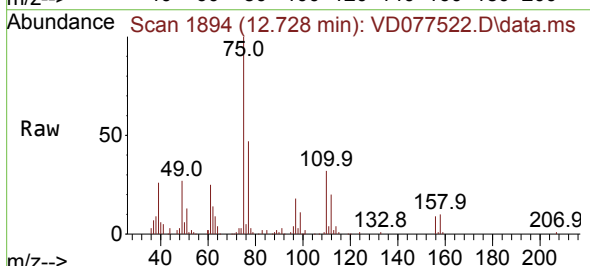
Acq: 08 Nov 2023 17:01

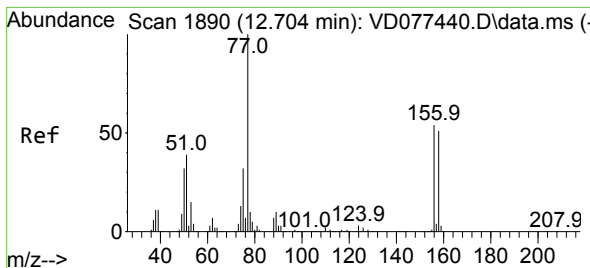
Tgt Ion: 75 Resp: 163919

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 44.302 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

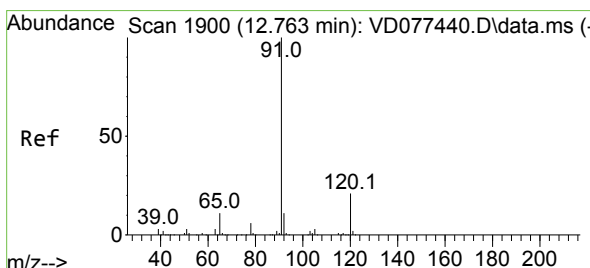
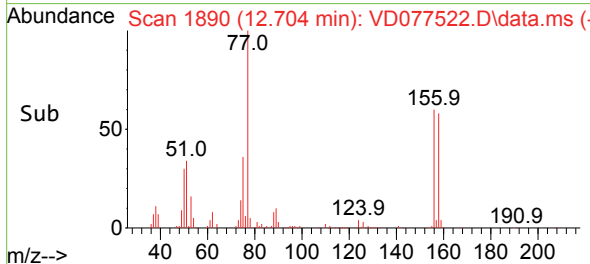
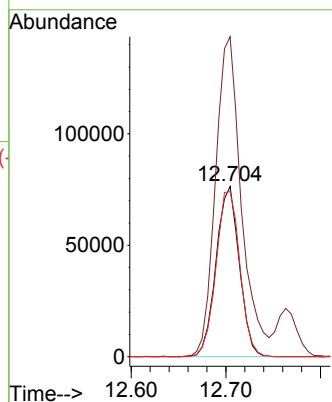
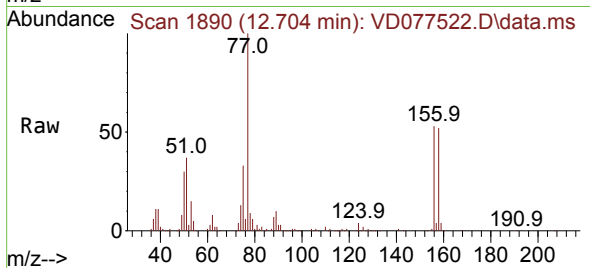
Tgt Ion:156 Resp: 130068

Ion Ratio Lower Upper

156 100

77 209.4 76.8 230.4

158 100.0 48.6 145.9



#78

n-propylbenzene

Concen: 45.945 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077522.D

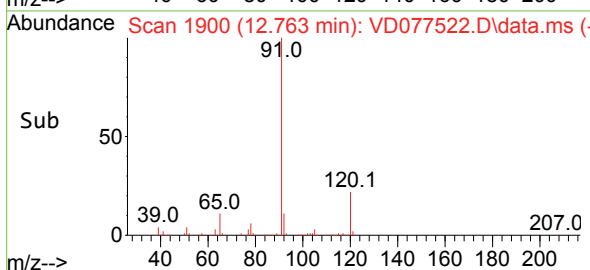
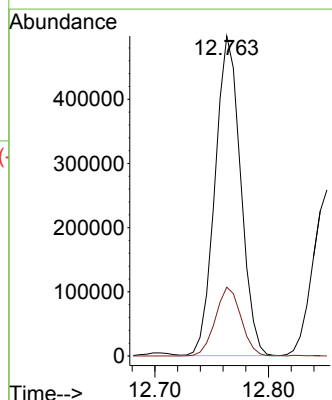
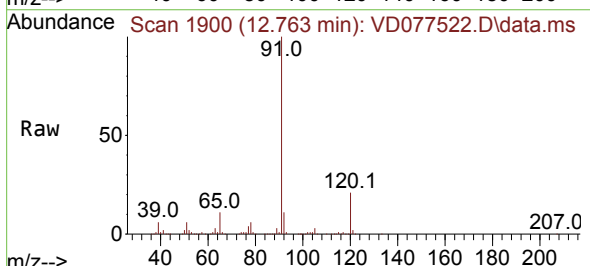
Acq: 08 Nov 2023 17:01

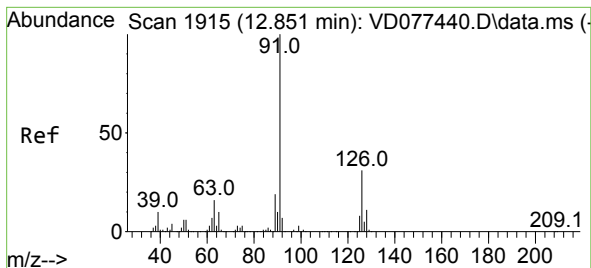
Tgt Ion: 91 Resp: 778139

Ion Ratio Lower Upper

91 100

120 21.6 12.4 37.2

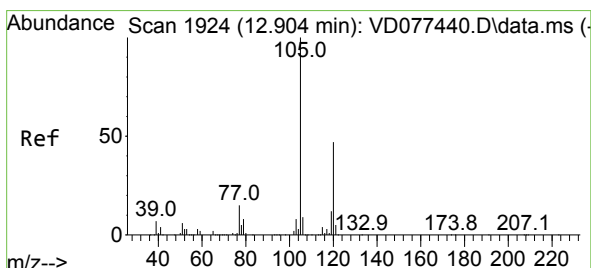
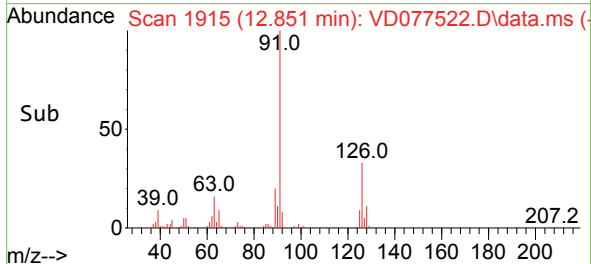
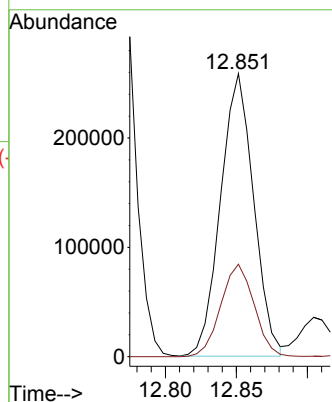
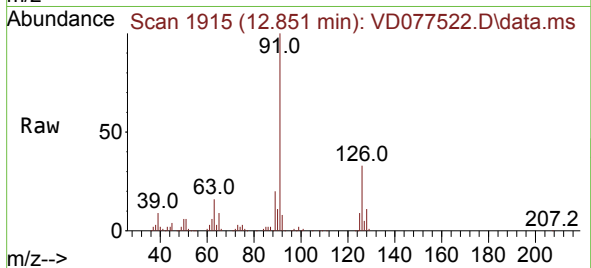




#79
2-Chlorotoluene
Concen: 43.763 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

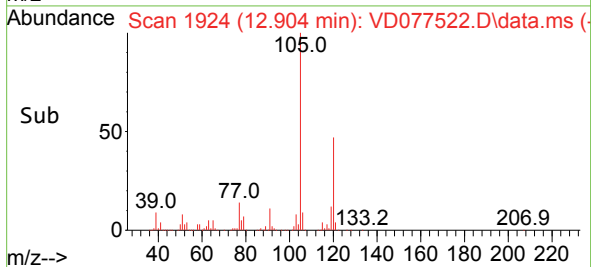
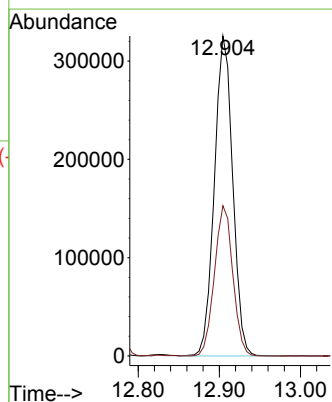
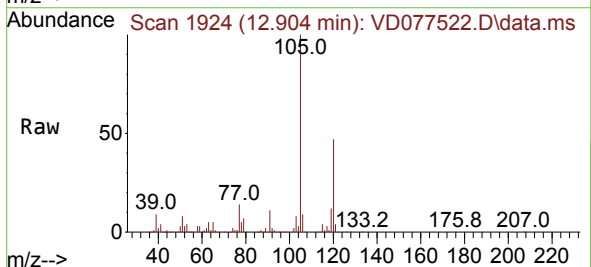
Instrument :
MSVOA_D
ClientSampleId :

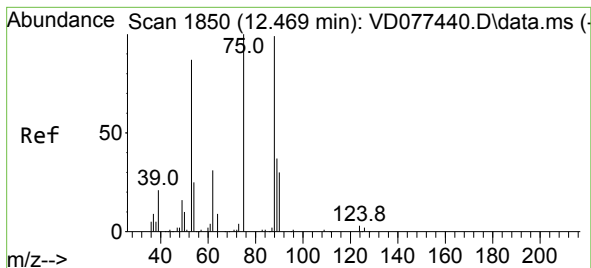
Tgt Ion: 91 Resp: 419666
Ion Ratio Lower Upper
91 100
126 32.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 45.664 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 105 Resp: 511076
Ion Ratio Lower Upper
105 100
120 47.0 26.4 79.2

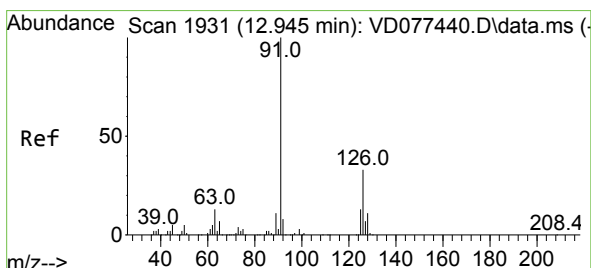
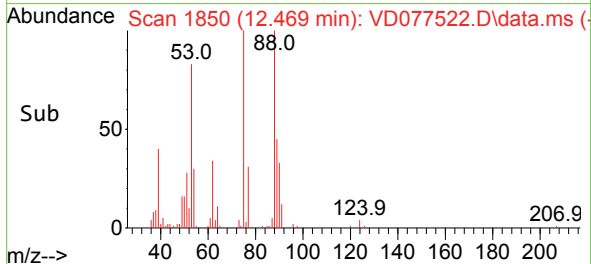
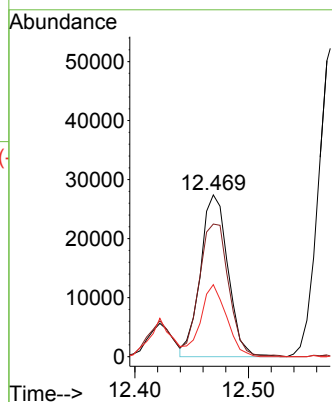
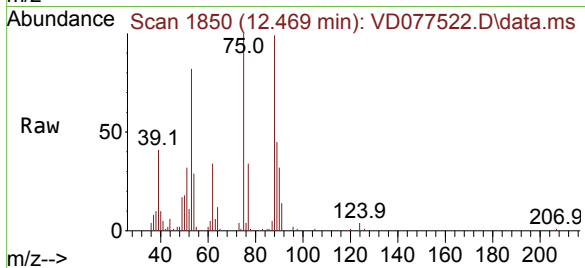




#81
trans-1,4-Dichloro-2-butene
Concen: 44.772 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

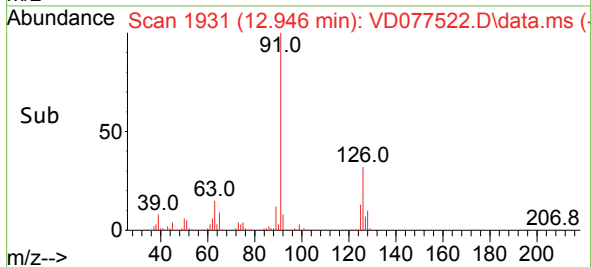
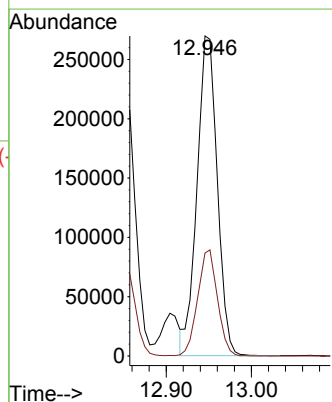
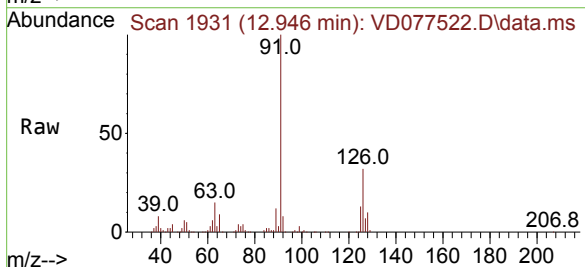
Instrument :
MSVOA_D
ClientSampleId :

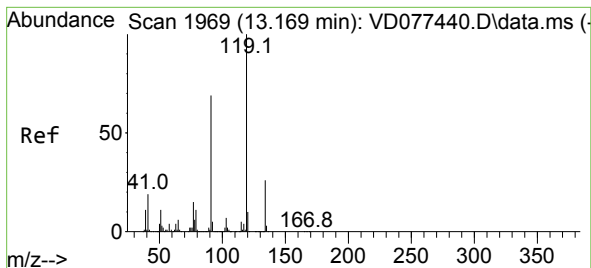
Tgt Ion: 75 Resp: 46152
Ion Ratio Lower Upper
75 100
53 88.3 63.0 94.4
89 42.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 44.480 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 91 Resp: 444299
Ion Ratio Lower Upper
91 100
126 32.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 46.184 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

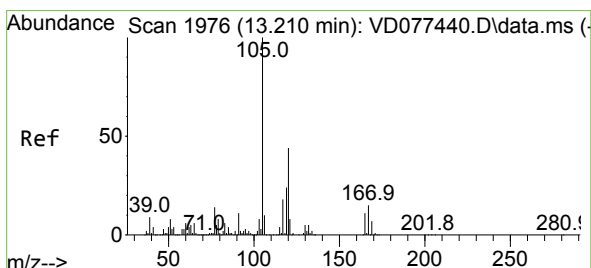
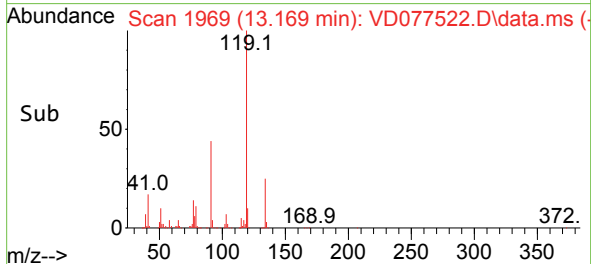
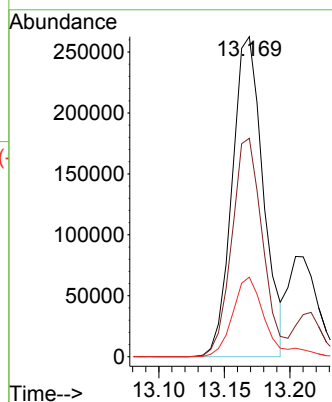
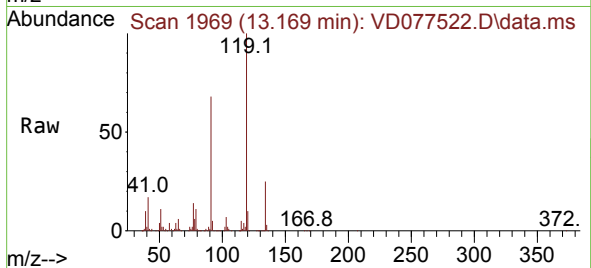
Tgt Ion:119 Resp: 434589

Ion Ratio Lower Upper

119 100

91 68.0 29.3 87.8

134 26.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 45.805 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077522.D

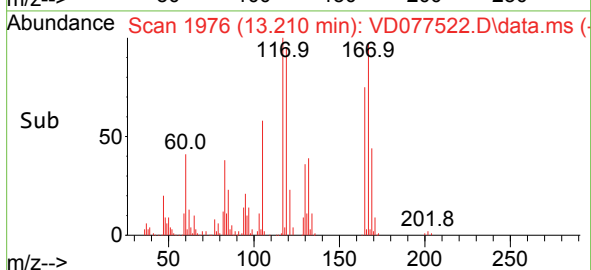
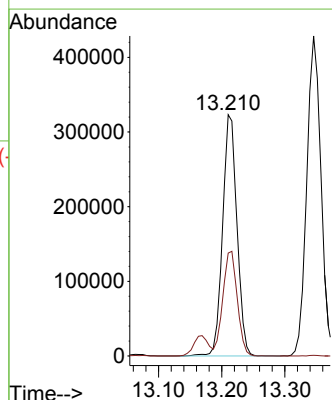
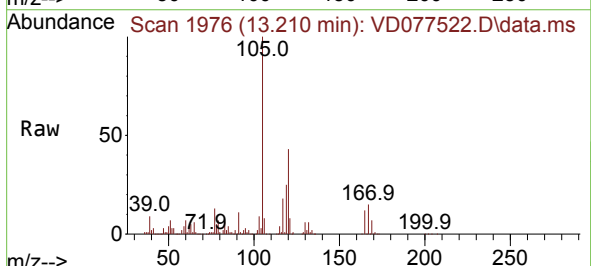
Acq: 08 Nov 2023 17:01

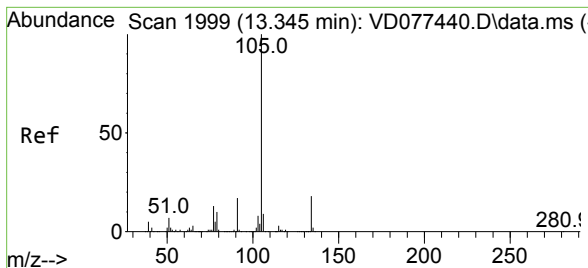
Tgt Ion:105 Resp: 509258

Ion Ratio Lower Upper

105 100

120 43.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 46.399 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

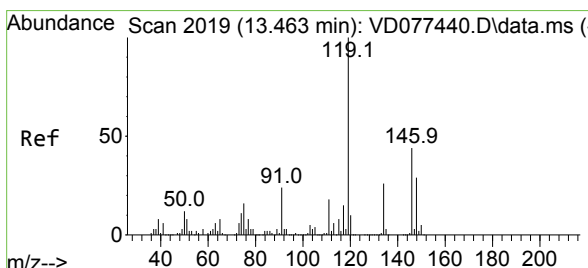
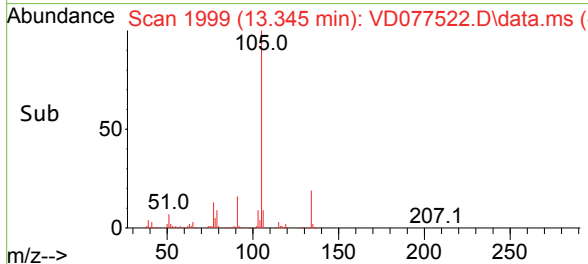
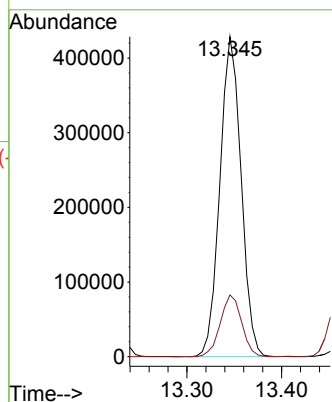
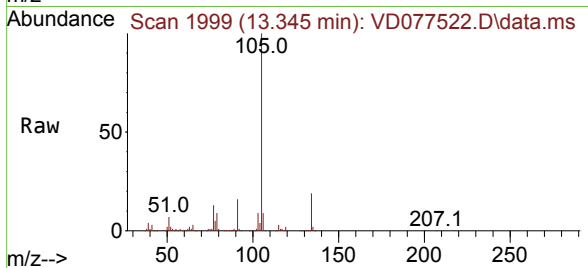
ClientSampleId :

Tgt Ion:105 Resp: 668035

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 47.210 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

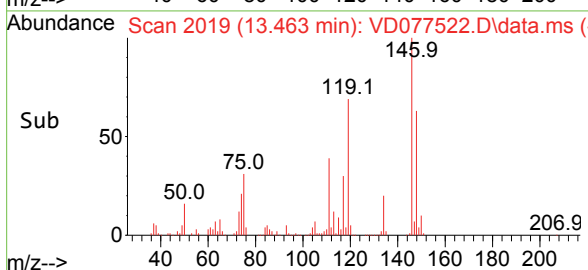
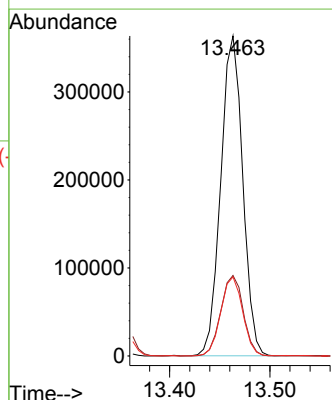
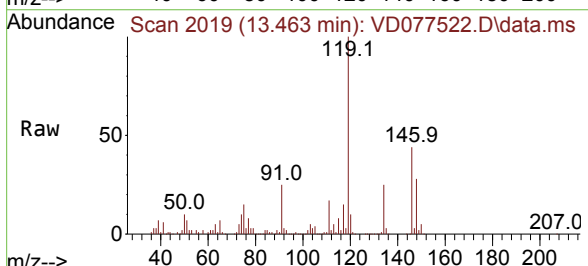
Tgt Ion:119 Resp: 552492

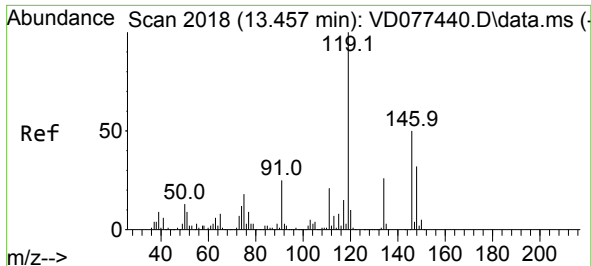
Ion Ratio Lower Upper

119 100

134 25.8 14.2 42.6

91 24.7 10.5 31.5

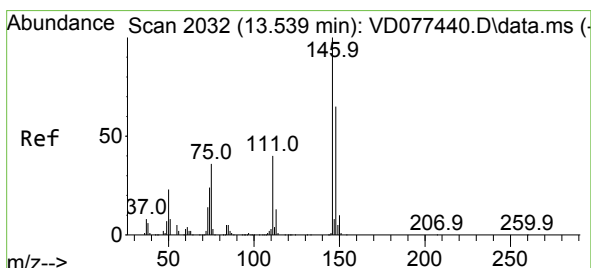
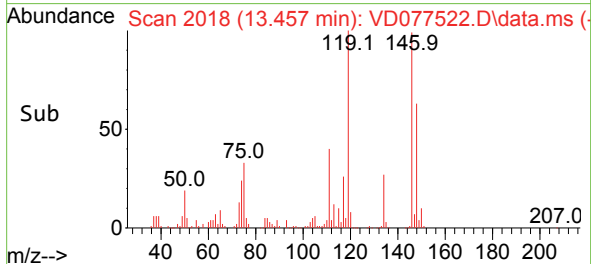
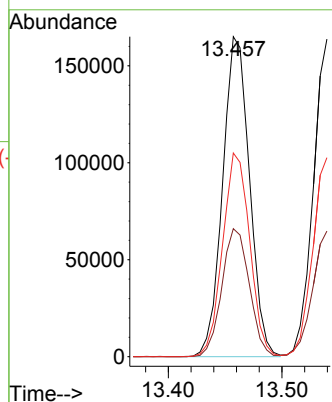
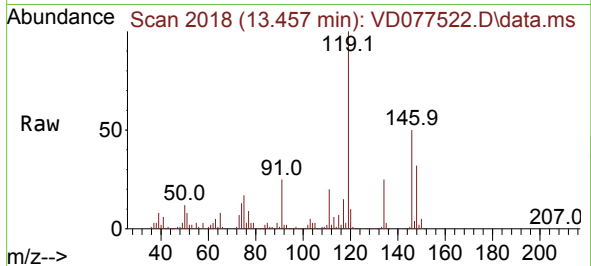




#87
1,3-Dichlorobenzene
Concen: 47.018 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

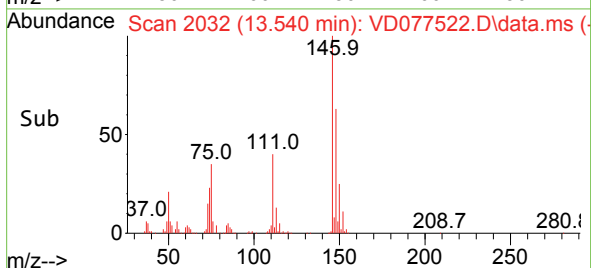
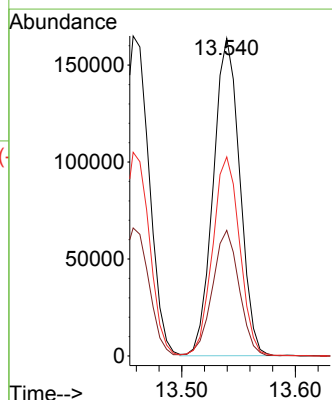
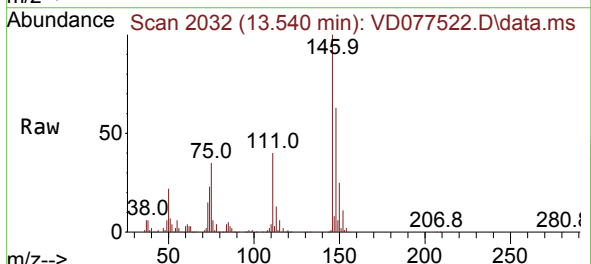
Instrument :
MSVOA_D
ClientSampleId :

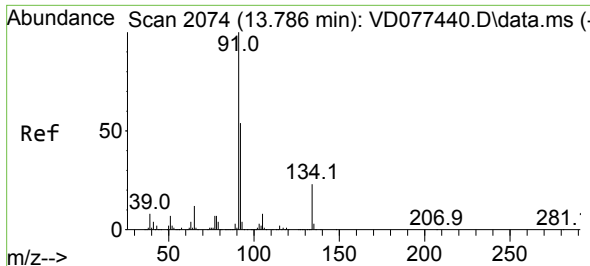
Tgt Ion:146 Resp: 271345
Ion Ratio Lower Upper
146 100
111 40.9 17.9 53.8
148 64.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 46.113 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

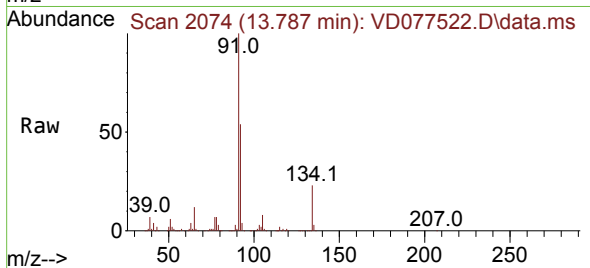
Tgt Ion:146 Resp: 265891
Ion Ratio Lower Upper
146 100
111 39.7 17.4 52.3
148 64.2 31.7 95.1



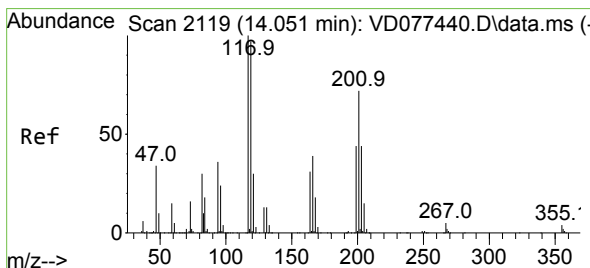
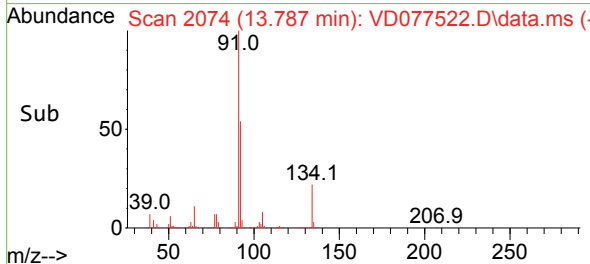
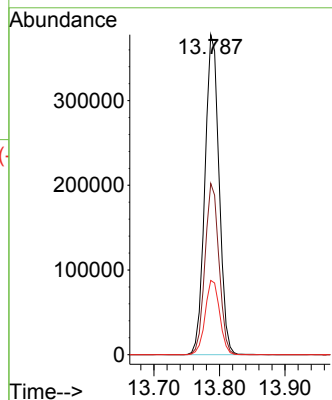


#89
n-Butylbenzene
Concen: 46.836 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

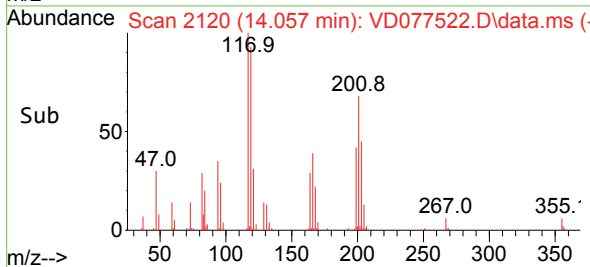
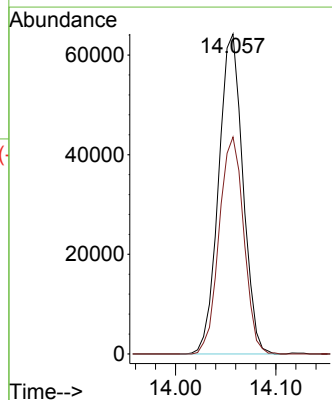
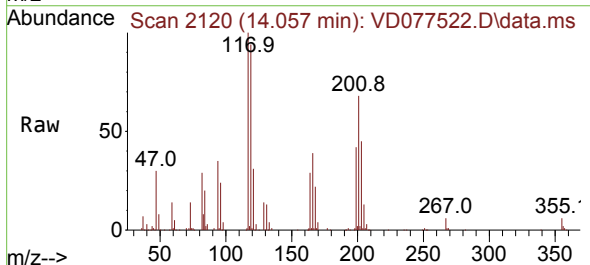


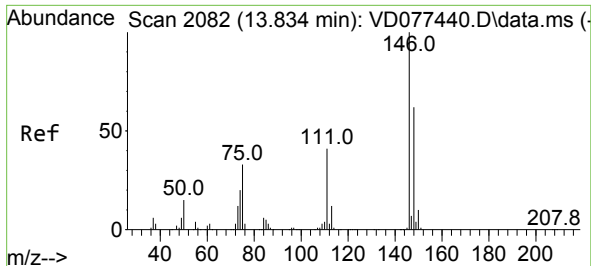
Tgt Ion: 91 Resp: 569697
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 23.7 13.8 41.3



#90
Hexachloroethane
Concen: 45.048 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

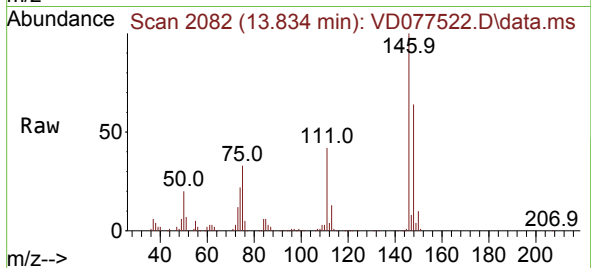
Tgt Ion: 117 Resp: 107881
Ion Ratio Lower Upper
117 100
201 68.6 38.5 115.5



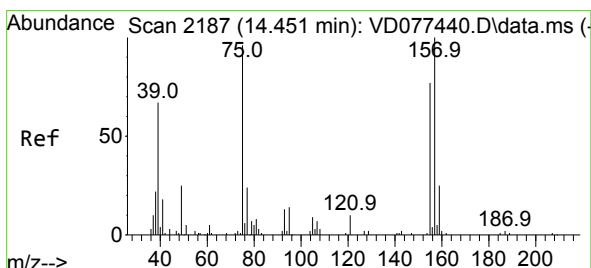
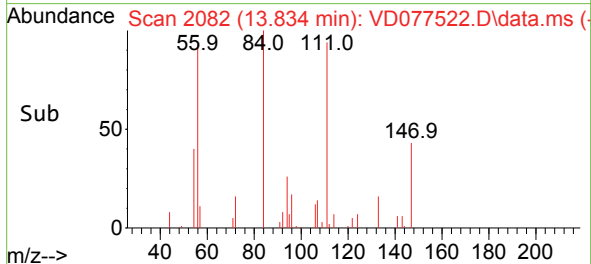
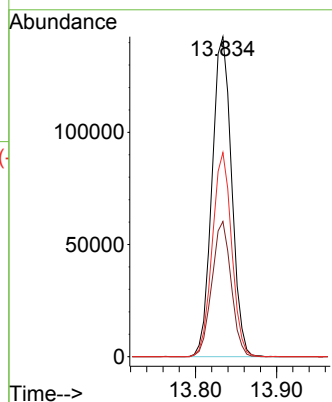


#91
1,2-Dichlorobenzene
Concen: 47.120 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :

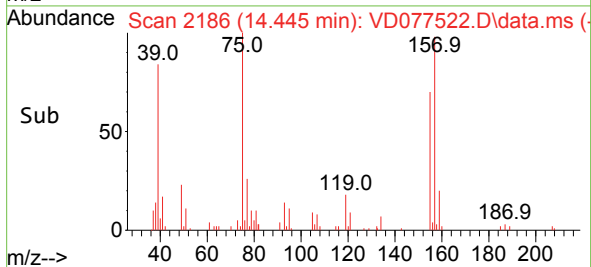
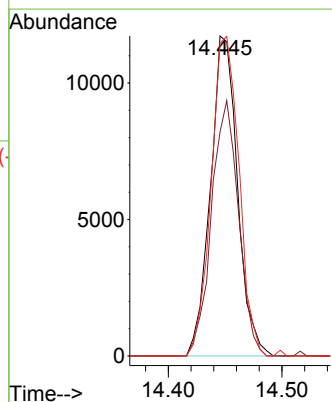
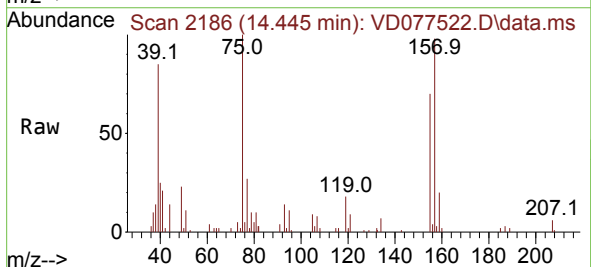


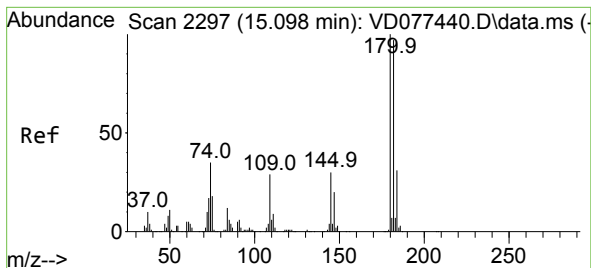
Tgt Ion:146 Resp: 238984
Ion Ratio Lower Upper
146 100
111 41.6 18.3 54.8
148 63.0 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.036 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077522.D
Acq: 08 Nov 2023 17:01

Tgt Ion: 75 Resp: 19397
Ion Ratio Lower Upper
75 100
155 79.8 47.9 143.8
157 102.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 45.395 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

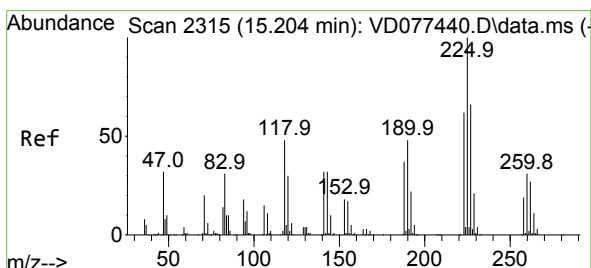
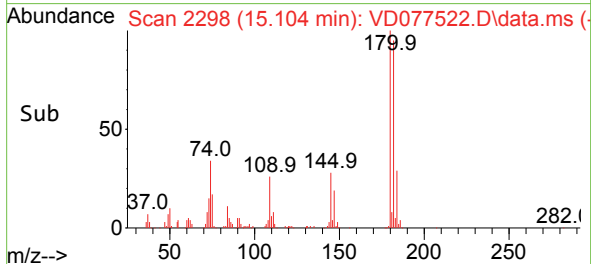
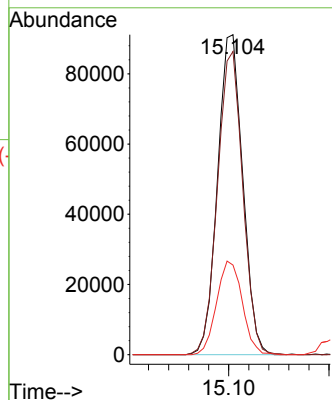
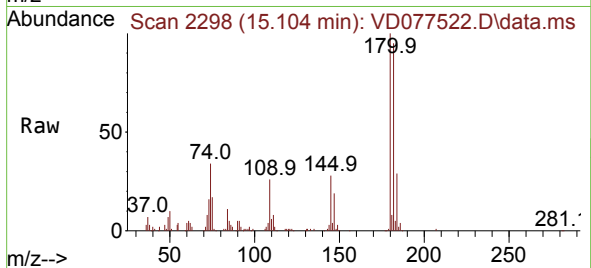
Tgt Ion:180 Resp: 158169

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 29.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 45.263 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077522.D

Acq: 08 Nov 2023 17:01

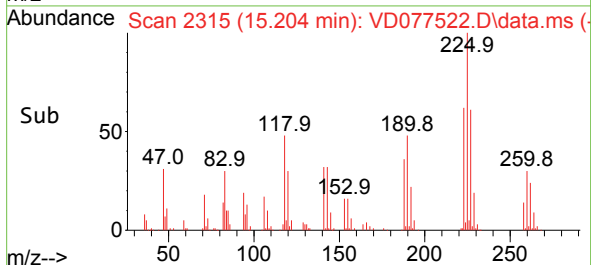
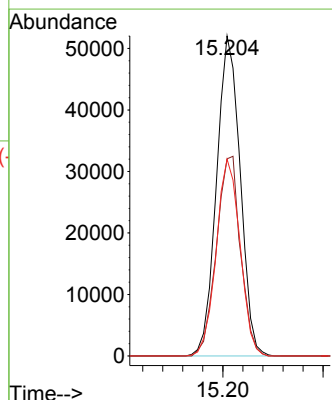
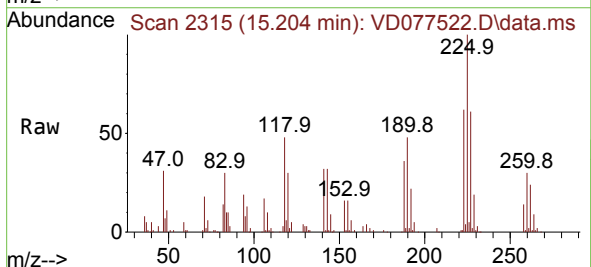
Tgt Ion:225 Resp: 85068

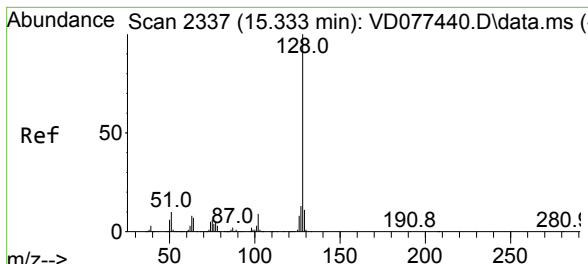
Ion Ratio Lower Upper

225 100

223 63.6 31.6 94.8

227 62.0 31.7 95.1

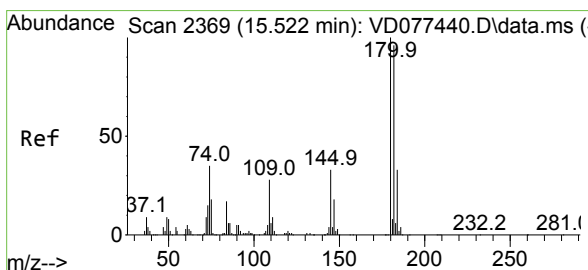
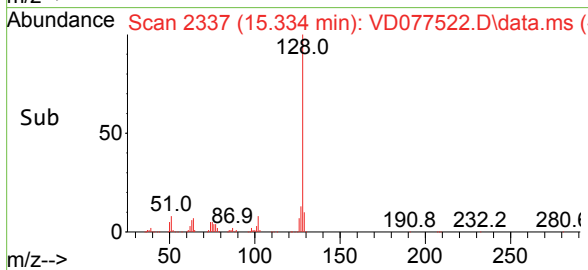
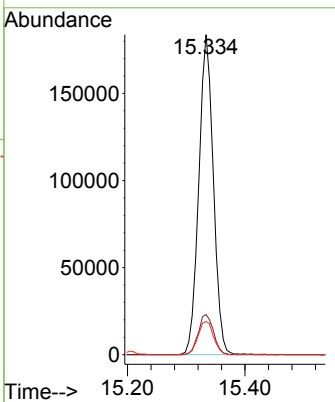
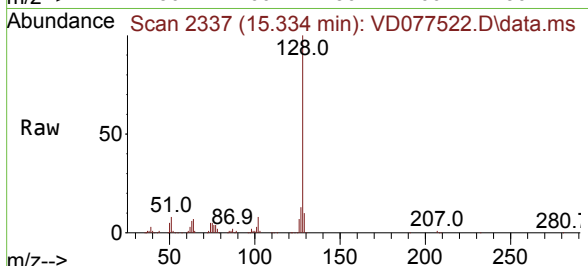




#95
 Naphthalene
 Concen: 47.512 ug/l
 RT: 15.334 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	315800
Ion	Ratio	Lower	Upper
128	100		
127	12.5	10.5	15.7
129	10.3	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 46.765 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077522.D
 Acq: 08 Nov 2023 17:01

Tgt Ion:	180	Resp:	140649
Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	141.9
145	31.5	15.1	45.3

