

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077124.D
 Acq On : 18 Sep 2023 12:14
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 03:50:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 03:32:44 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	252542	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	419096	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	400127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	212205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	247418	97.077	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 194.160%#	
35) Dibromofluoromethane	7.805	113	286098	98.281	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.560%#	
50) Toluene-d8	10.269	98	1069760	103.244	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 206.480%#	
62) 4-Bromofluorobenzene	12.575	95	330186	102.814	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 205.620%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	222643	85.310	ug/l	98
3) Chloromethane	2.146	50	435587	90.290	ug/l	99
4) Vinyl Chloride	2.281	62	469499	90.978	ug/l	100
5) Bromomethane	2.681	94	356933	94.965	ug/l	99
6) Chloroethane	2.828	64	310587	96.723	ug/l	98
7) Trichlorofluoromethane	3.170	101	484583	103.889	ug/l	98
8) Diethyl Ether	3.587	74	153068	101.676	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.964	101	271514	93.104	ug/l	98
10) Methyl Iodide	4.158	142	422196	101.290	ug/l	93
11) Tert butyl alcohol	5.046	59	74129	510.129	ug/l	100
12) 1,1-Dichloroethene	3.934	96	287202	97.760	ug/l	94
13) Acrolein	3.793	56	45958	503.498	ug/l	97
14) Allyl chloride	4.558	41	370717	103.429	ug/l	94
15) Acrylonitrile	5.246	53	324902	514.681	ug/l	99
16) Acetone	4.017	43	285722	490.503	ug/l	# 83
17) Carbon Disulfide	4.264	76	918157	94.937	ug/l	98
18) Methyl Acetate	4.558	43	223203	101.332	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	684824	107.728	ug/l	100
20) Methylene Chloride	4.793	84	354286	100.441	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	353433	99.523	ug/l	98
22) Diisopropyl ether	6.216	45	843005	104.026	ug/l	96
23) Vinyl Acetate	6.152	43	2126874	649.914	ug/l	95
24) 1,1-Dichloroethane	6.111	63	561862	96.600	ug/l	97
25) 2-Butanone	7.081	43	404014	527.192	ug/l	88
26) 2,2-Dichloropropane	7.075	77	495020	100.265	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	405168	101.489	ug/l	98
28) Bromochloromethane	7.422	49	172437	96.547	ug/l	90
29) Tetrahydrofuran	7.440	42	238965	533.404	ug/l	90
30) Chloroform	7.593	83	610246	97.352	ug/l	94
31) Cyclohexane	7.875	56	418379	93.831	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	514142	98.261	ug/l	97
36) 1,1-Dichloropropene	8.005	75	446882	101.935	ug/l	98
37) Ethyl Acetate	7.163	43	175334	104.242	ug/l	95
38) Carbon Tetrachloride	7.987	117	434134	100.754	ug/l	99
39) Methylcyclohexane	9.275	83	521485	103.383	ug/l	94
40) Benzene	8.252	78	1379266	101.688	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	98729	109.973	ug/l	# 88
42) 1,2-Dichloroethane	8.322	62	335386	99.733	ug/l	99
43) Isopropyl Acetate	8.357	43	330778	106.811	ug/l	93
44) Trichloroethene	9.028	130	368324	98.113	ug/l	95
45) 1,2-Dichloropropane	9.304	63	333505	101.232	ug/l	98
46) Dibromomethane	9.393	93	193069	100.851	ug/l	97
47) Bromodichloromethane	9.587	83	466679	100.876	ug/l	97
48) Methyl methacrylate	9.381	41	156053	110.751	ug/l	84
49) 1,4-Dioxane	9.387	88	38487	2227.215	ug/l	# 96
51) 4-Methyl-2-Pentanone	10.157	43	881591	544.320	ug/l	94
52) Toluene	10.334	92	910968	104.985	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	459490	106.313	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	546580	105.554	ug/l	# 92
55) 1,1,2-Trichloroethane	10.734	97	260763	100.147	ug/l	96
56) Ethyl methacrylate	10.599	69	319998	114.392	ug/l	94
57) 1,3-Dichloropropane	10.881	76	439656	104.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	782477	503.571	ug/l	99
59) 2-Hexanone	10.922	43	642102	552.549	ug/l	92
60) Dibromochloromethane	11.075	129	324404	101.720	ug/l	95
61) 1,2-Dibromoethane	11.181	107	255991	101.697	ug/l	99
64) Tetrachloroethene	10.810	164	306746	98.532	ug/l	95
65) Chlorobenzene	11.610	112	955852	101.549	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	359682	104.449	ug/l	96
67) Ethyl Benzene	11.687	91	1745075	107.860	ug/l	99
68) m/p-Xylenes	11.793	106	1383588	213.583	ug/l	92
69) o-Xylene	12.122	106	647233	108.855	ug/l	92
70) Styrene	12.134	104	1128733	111.426	ug/l	98
71) Bromoform	12.298	173	195379	102.355	ug/l	# 99
73) Isopropylbenzene	12.422	105	1641542	104.691	ug/l	96
74) N-amyl acetate	12.234	43	319947	108.626	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	294069	99.381	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	364147	207.881	ug/l	# 100
77) Bromobenzene	12.704	156	394698	101.094	ug/l	96
78) n-propylbenzene	12.763	91	1992102	103.940	ug/l	97
79) 2-Chlorotoluene	12.851	91	1084390	102.601	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	1377810	105.216	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	97906	109.479	ug/l	98
82) 4-Chlorotoluene	12.945	91	1139257	102.562	ug/l	97
83) tert-Butylbenzene	13.169	119	1165892	104.211	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	1416008	106.639	ug/l	96
85) sec-Butylbenzene	13.345	105	1755400	104.562	ug/l	97
86) p-Isopropyltoluene	13.463	119	1535175	107.792	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	808968	100.751	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	797520	100.951	ug/l	99
89) n-Butylbenzene	13.787	91	1406922	107.087	ug/l	99
90) Hexachloroethane	14.057	117	276695	97.963	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	688603	100.024	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	41018	103.814	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	467066	109.968	ug/l	98
94) Hexachlorobutadiene	15.204	225	225761	100.306	ug/l	100
95) Naphthalene	15.334	128	866748	111.288	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	403293	106.827	ug/l	99

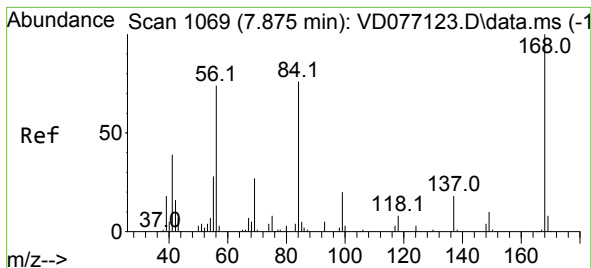
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

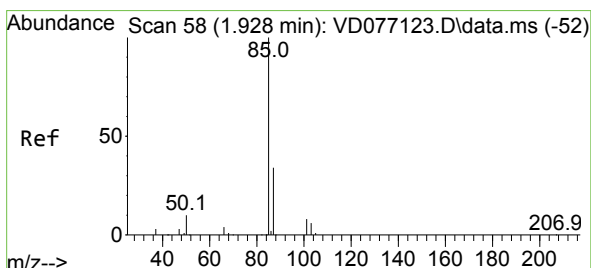
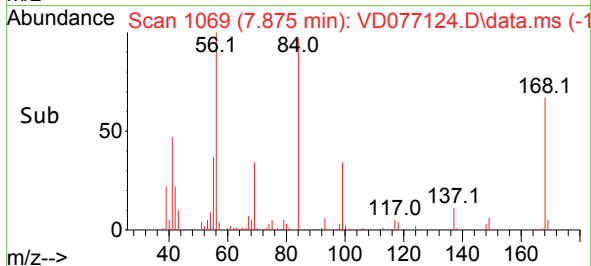
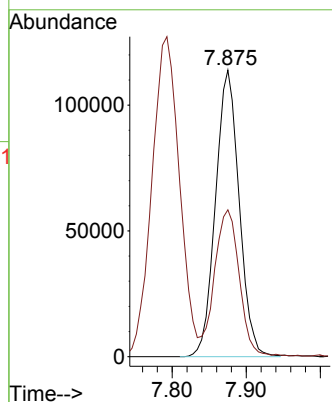
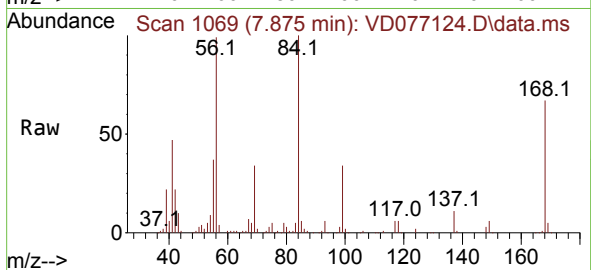
ClientSampleId :

Tgt Ion:168 Resp: 252542

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 85.310 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077124.D

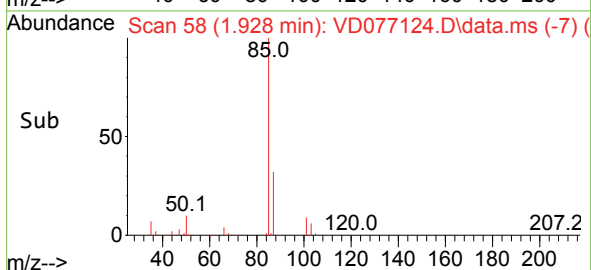
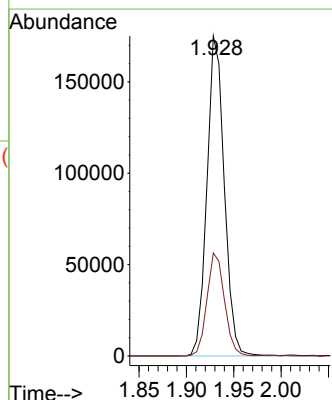
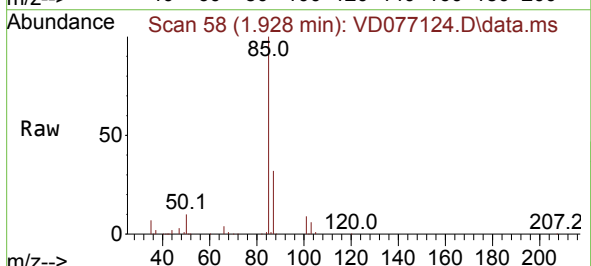
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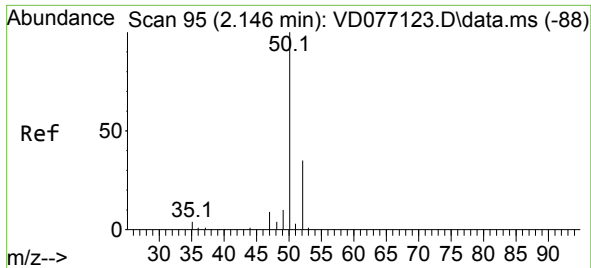
Tgt Ion: 85 Resp: 222643

Ion Ratio Lower Upper

85 100

87 32.2 15.7 47.0

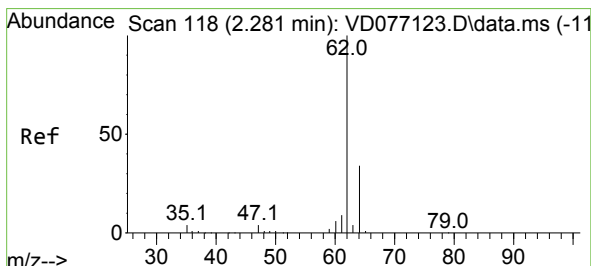
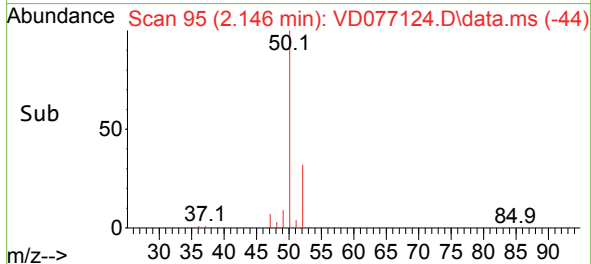
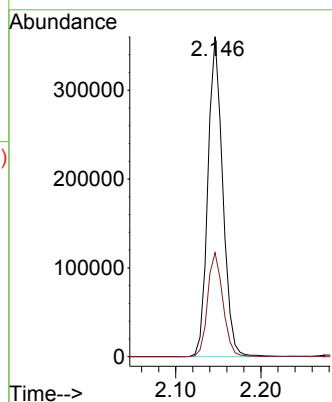
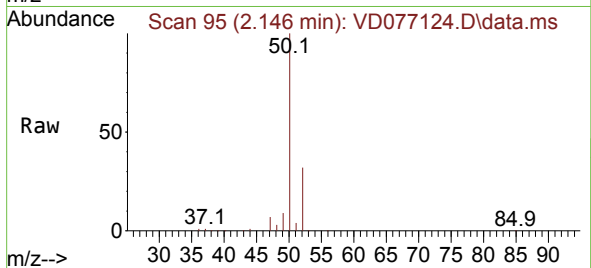




#3
Chloromethane
Concen: 90.290 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

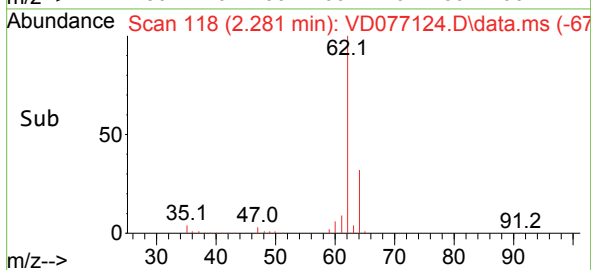
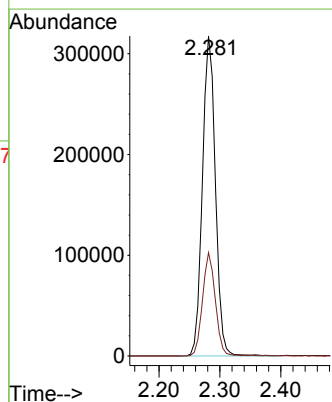
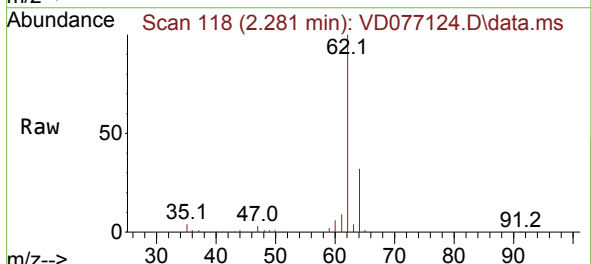
Instrument :
MSVOA_D
ClientSampleId :

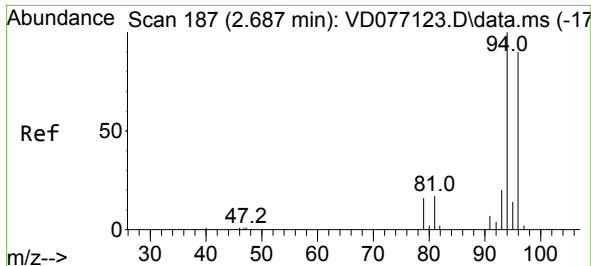
Tgt Ion: 50 Resp: 435587
Ion Ratio Lower Upper
50 100
52 32.5 26.6 40.0



#4
Vinyl Chloride
Concen: 90.978 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 62 Resp: 469499
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

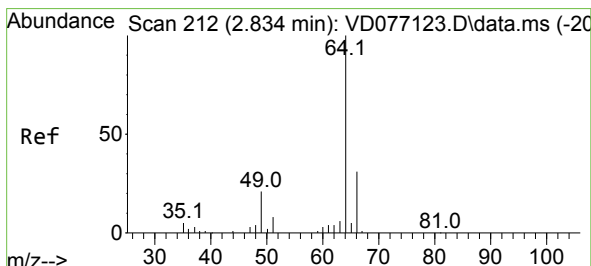
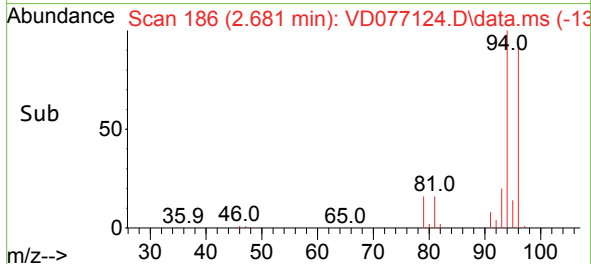
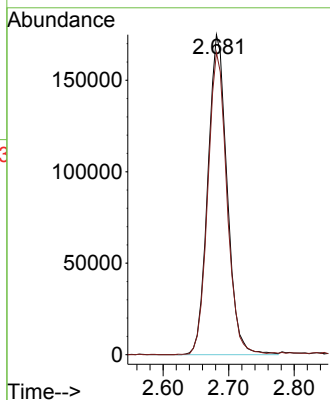
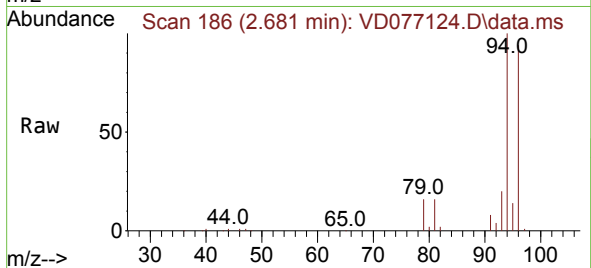




#5
Bromomethane
Concen: 94.965 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

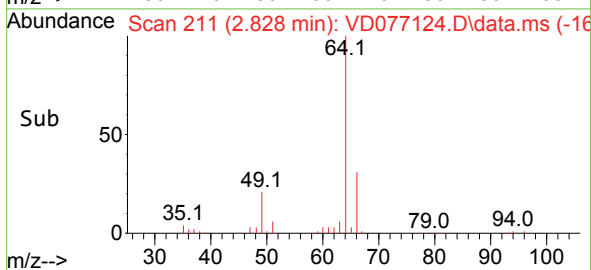
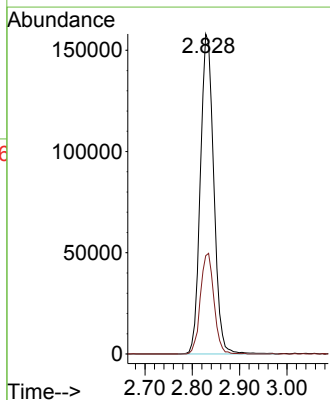
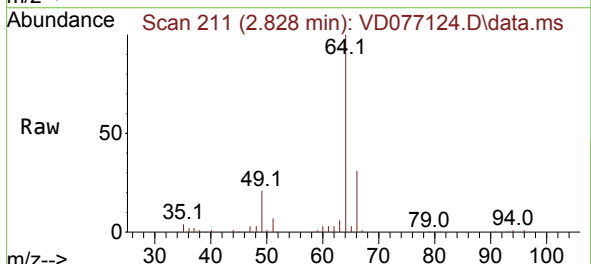
Instrument :
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ClientSampleId :

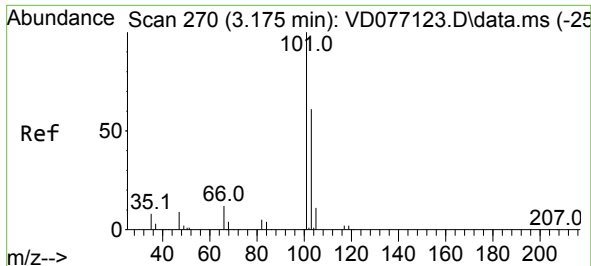
Tgt Ion: 94 Resp: 356933
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8



#6
Chloroethane
Concen: 96.723 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 64 Resp: 310587
Ion Ratio Lower Upper
64 100
66 30.7 25.5 38.3

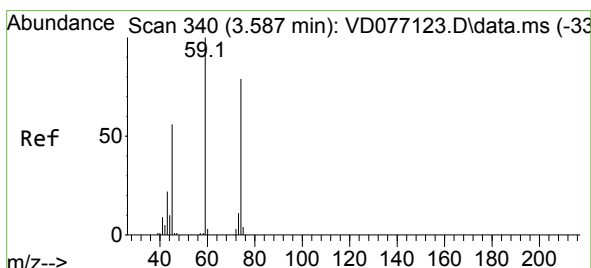
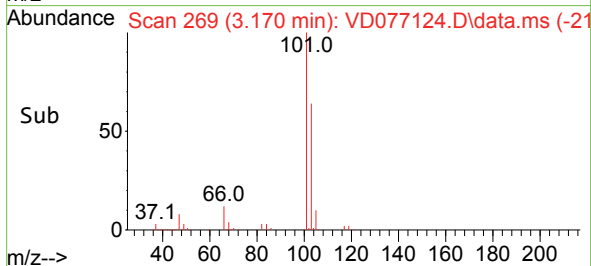
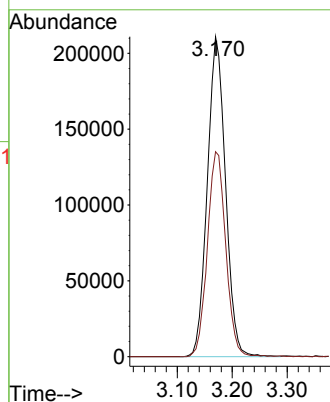
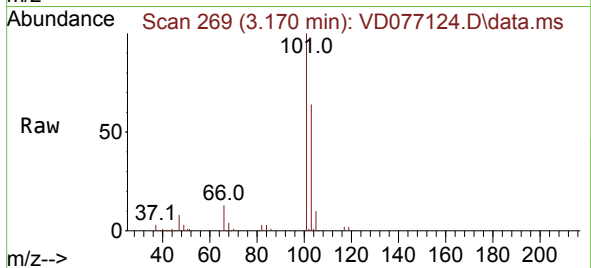




#7
 Trichlorofluoromethane
 Concen: 103.889 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

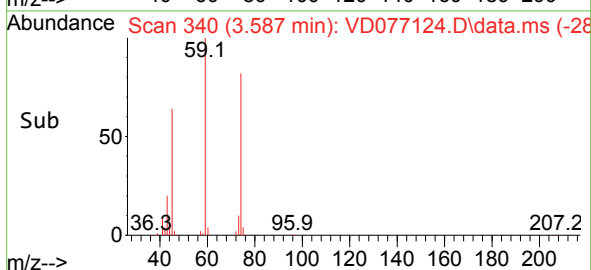
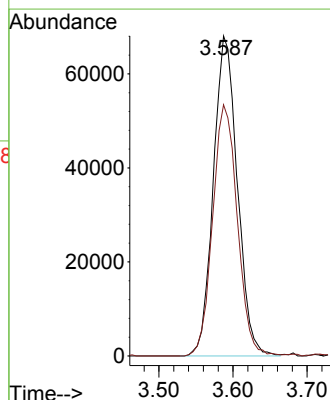
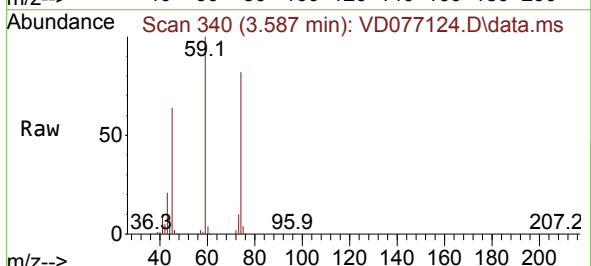
Instrument :
 MSVOA_D
 ClientSampleId :

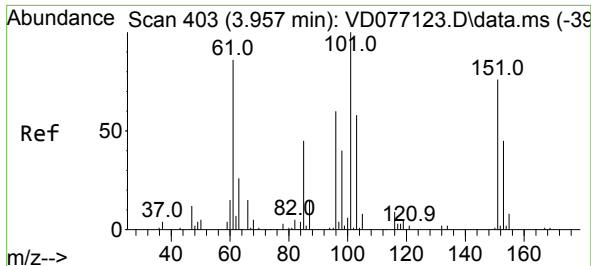
Tgt Ion:101 Resp: 484583
 Ion Ratio Lower Upper
 101 100
 103 64.0 52.3 78.5



#8
 Diethyl Ether
 Concen: 101.676 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion: 74 Resp: 153068
 Ion Ratio Lower Upper
 74 100
 45 80.7 37.5 112.7

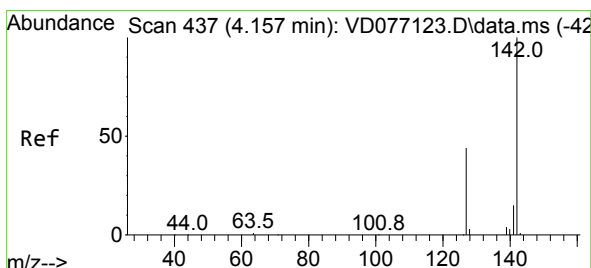
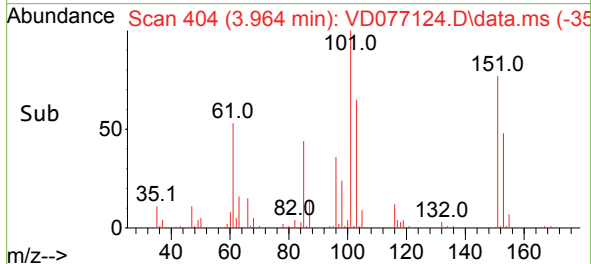
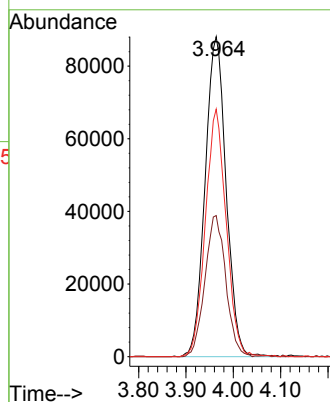
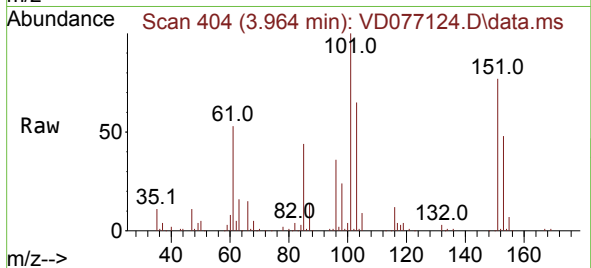




#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.104 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077124.D
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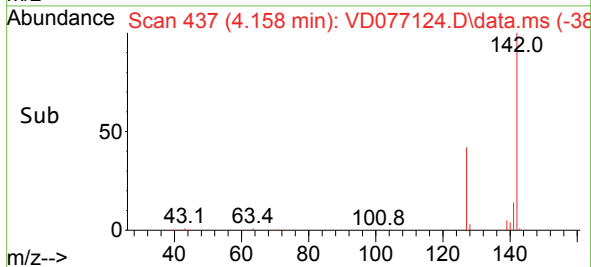
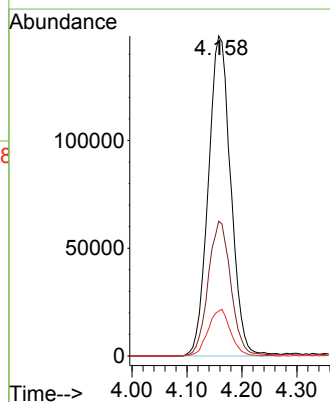
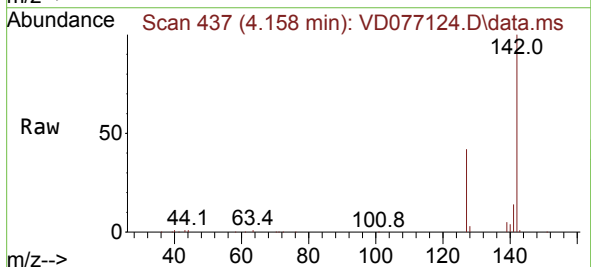
Instrument :
MSVOA_D
ClientSampleId :

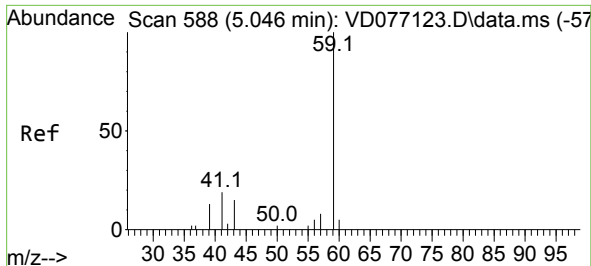
Tgt Ion:101 Resp: 271514
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.6
151 76.5 59.8 89.6



#10
Methyl Iodide
Concen: 101.290 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion:142 Resp: 422196
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.5 11.1 16.7





#11

Tert butyl alcohol

Concen: 510.129 ug/l

RT: 5.046 min Scan# 51

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

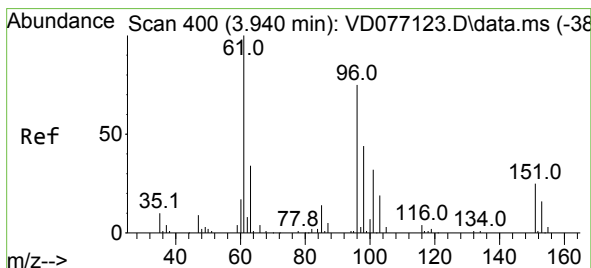
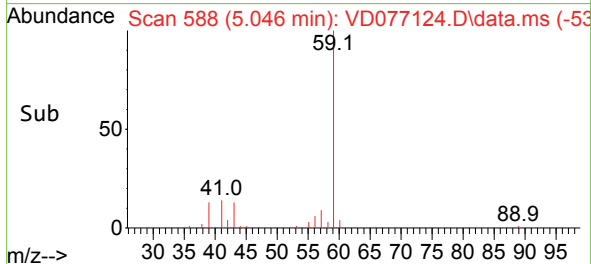
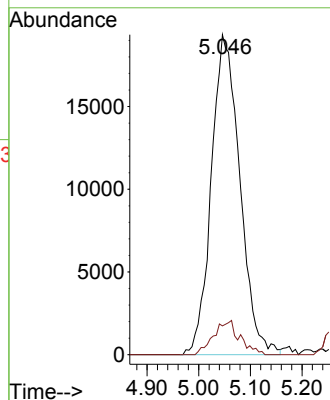
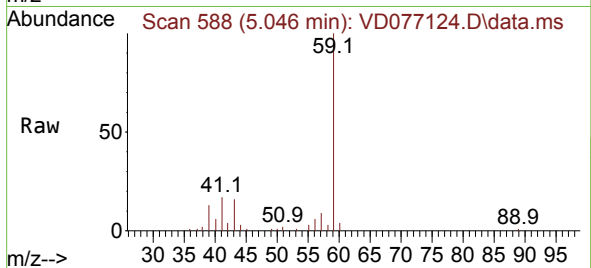
ClientSampleId :

Tgt Ion: 59 Resp: 74129

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 97.760 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

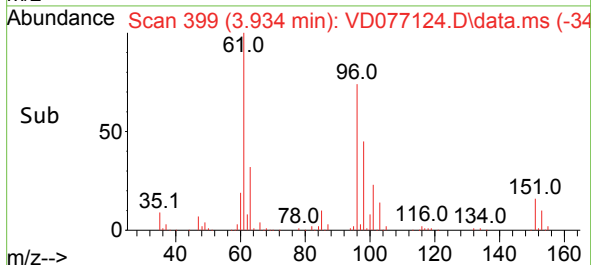
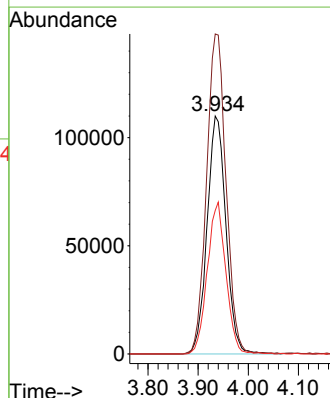
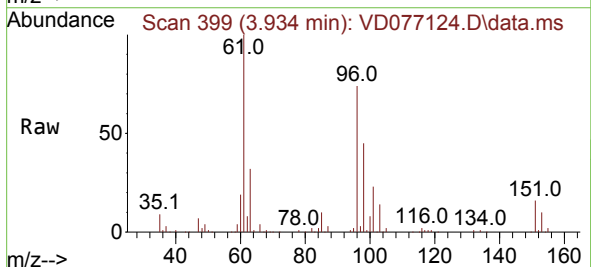
Tgt Ion: 96 Resp: 287202

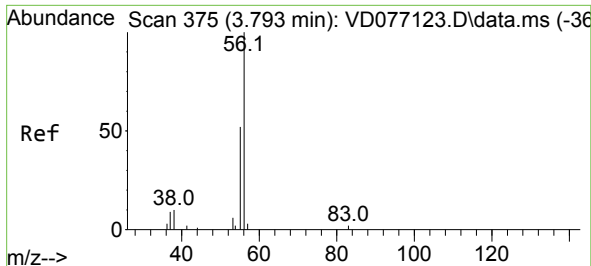
Ion Ratio Lower Upper

96 100

61 134.5 100.6 150.8

98 60.3 50.2 75.2





#13

Acrolein

Concen: 503.498 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

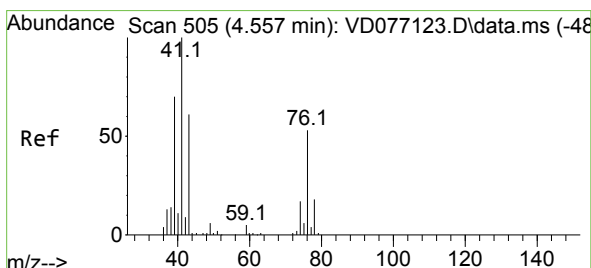
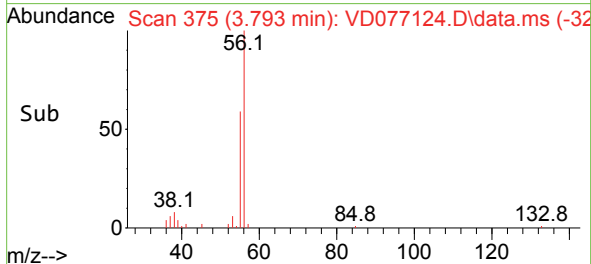
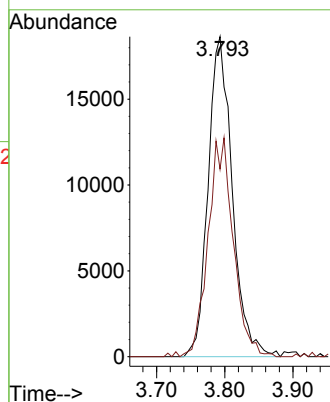
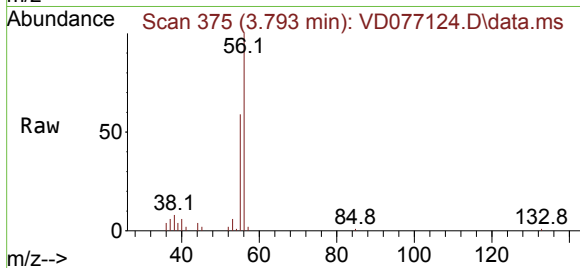
ClientSampleId :

Tgt Ion: 56 Resp: 45958

Ion Ratio Lower Upper

56 100

55 71.4 55.1 82.7



#14

Allyl chloride

Concen: 103.429 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

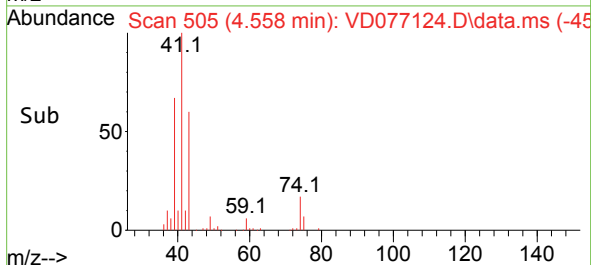
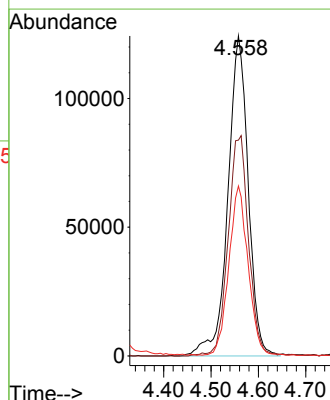
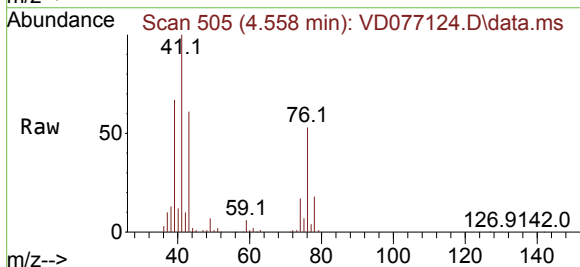
Tgt Ion: 41 Resp: 370717

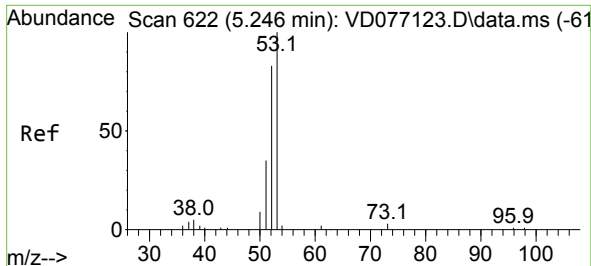
Ion Ratio Lower Upper

41 100

39 69.2 53.8 80.6

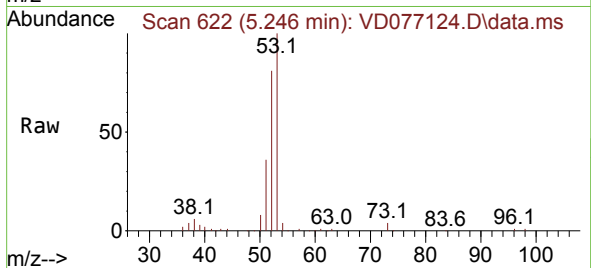
76 50.1 45.8 68.8



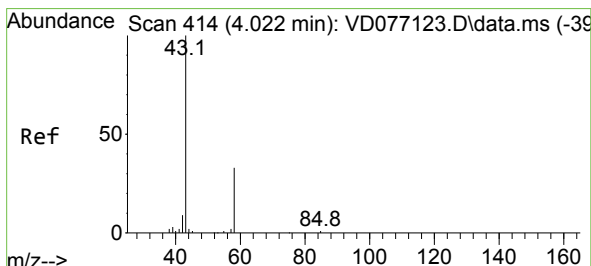
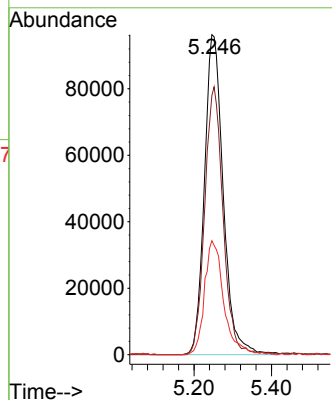
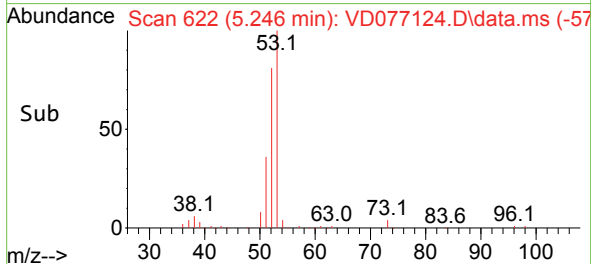


#15
Acrylonitrile
Concen: 514.681 ug/l
RT: 5.246 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

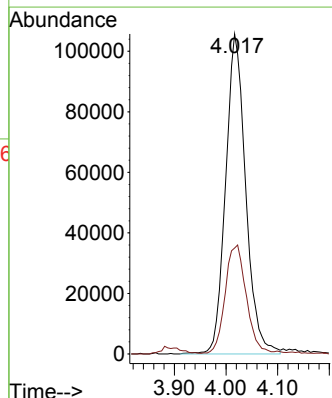
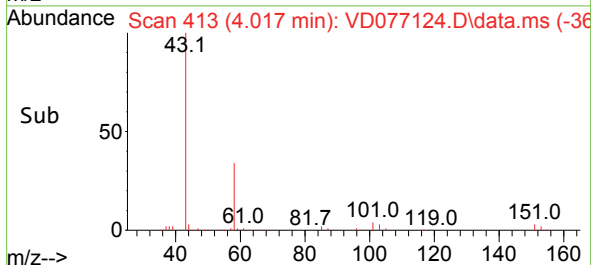
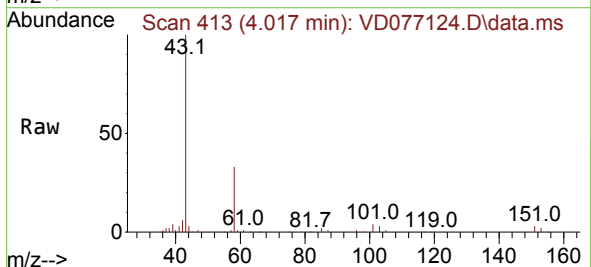


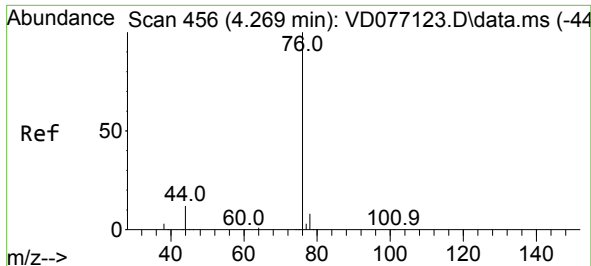
Tgt Ion: 53 Resp: 324902
Ion Ratio Lower Upper
53 100
52 81.7 65.0 97.4
51 36.5 28.3 42.5



#16
Acetone
Concen: 490.503 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

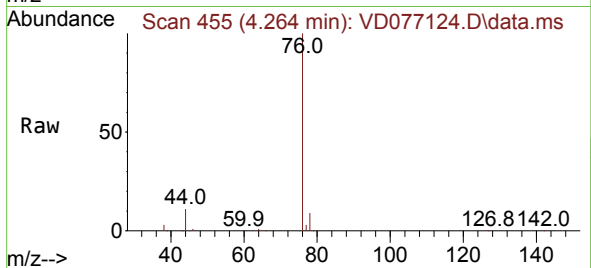
Tgt Ion: 43 Resp: 285722
Ion Ratio Lower Upper
43 100
58 32.4 34.7 52.1#



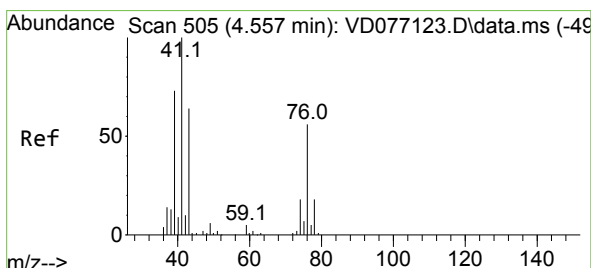
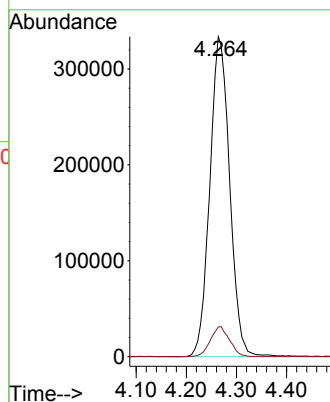
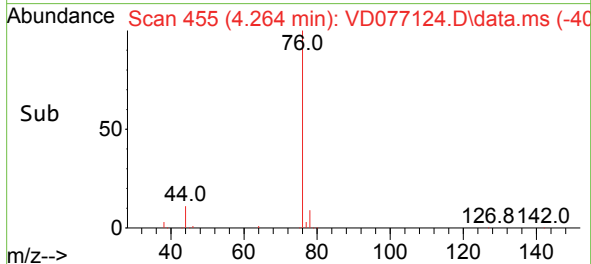


#17
Carbon Disulfide
Concen: 94.937 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

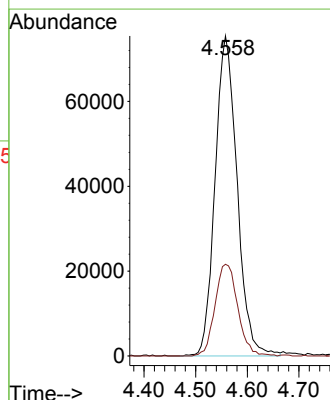
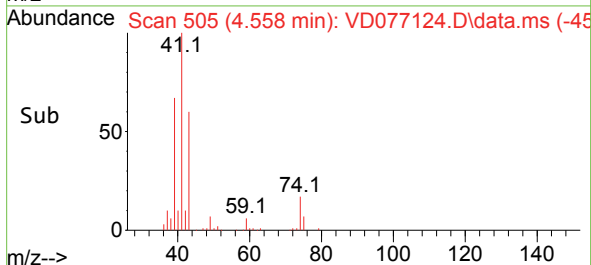
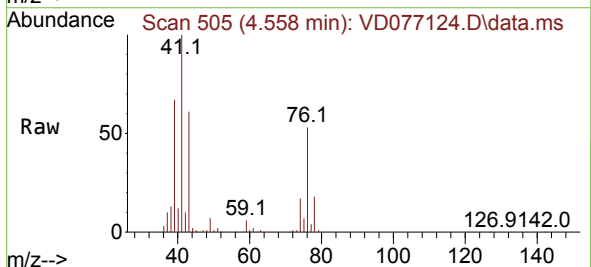


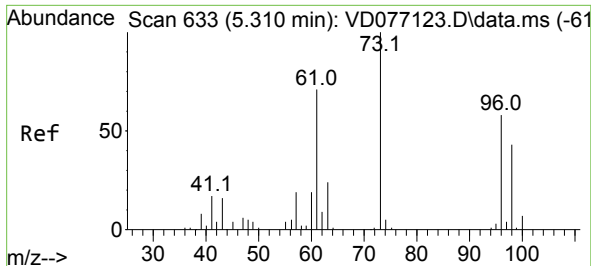
Tgt Ion: 76 Resp: 918157
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 101.332 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 43 Resp: 223203
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 107.728 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

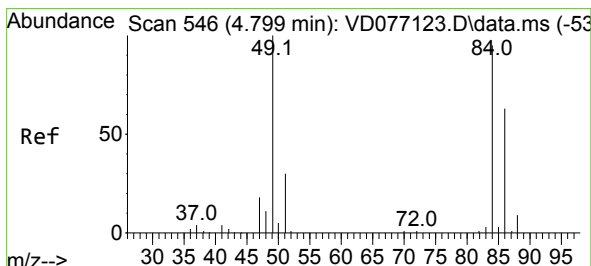
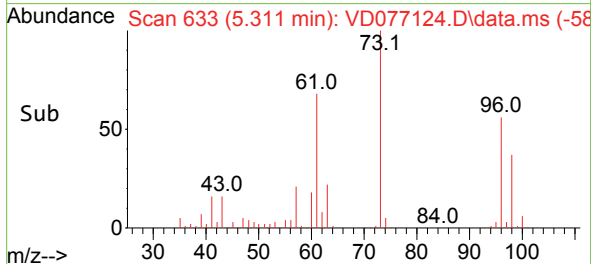
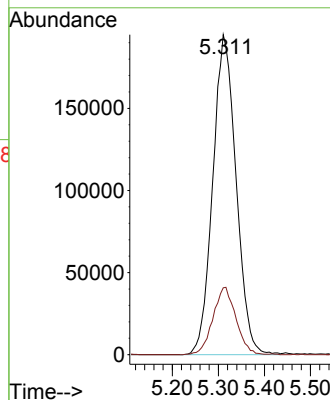
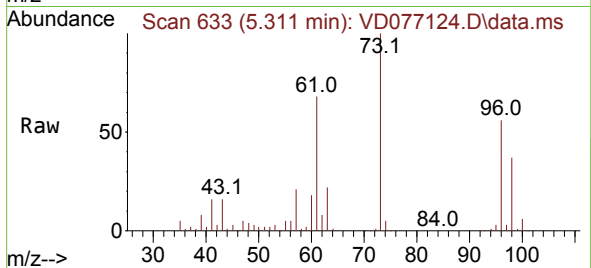
ClientSampleId :

Tgt Ion: 73 Resp: 684824

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



#20

Methylene Chloride

Concen: 100.441 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Tgt Ion: 84 Resp: 354286

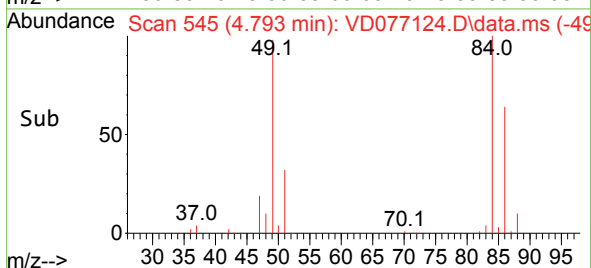
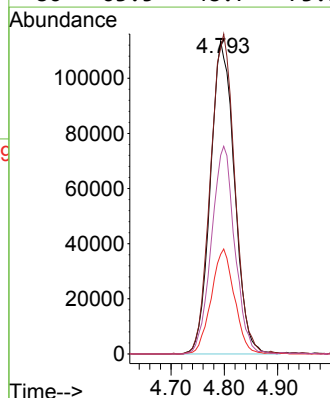
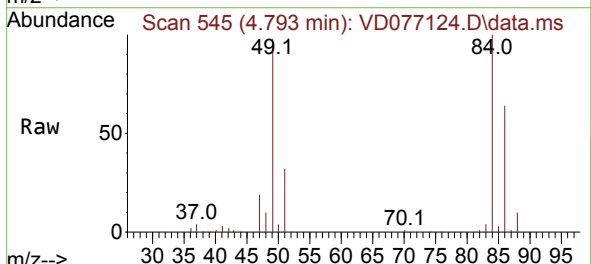
Ion Ratio Lower Upper

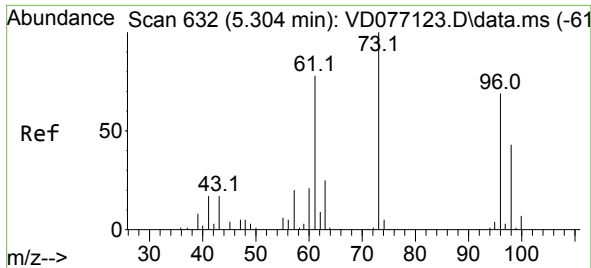
84 100

49 97.7 71.4 107.2

51 31.9 24.5 36.7

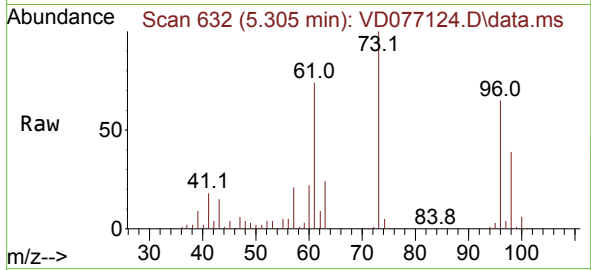
86 63.5 48.7 73.1



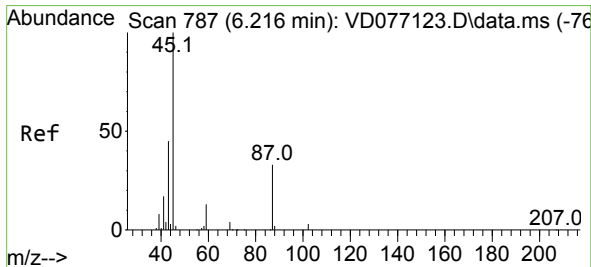
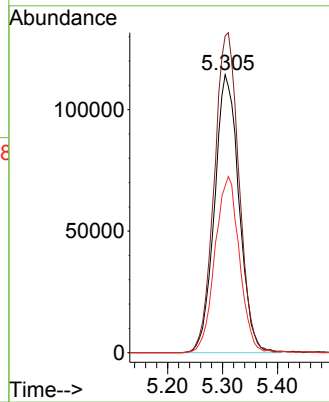
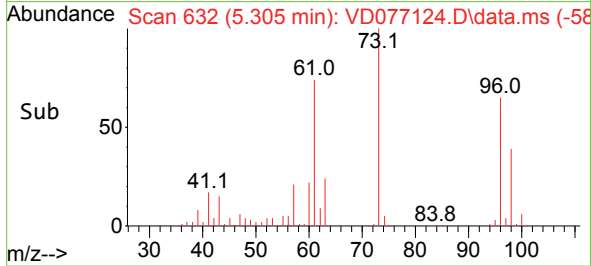


#21
trans-1,2-Dichloroethene
Concen: 99.523 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

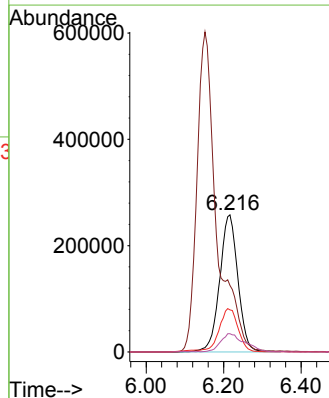
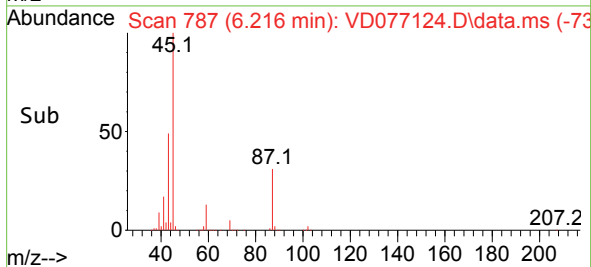
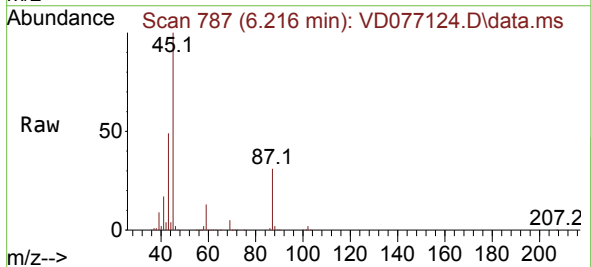


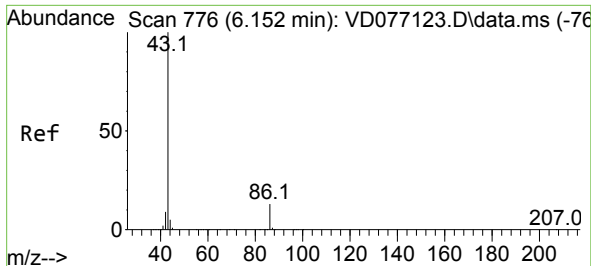
Tgt Ion: 96 Resp: 353433
Ion Ratio Lower Upper
96 100
61 114.0 89.3 133.9
98 60.0 48.6 73.0



#22
Diisopropyl ether
Concen: 104.026 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

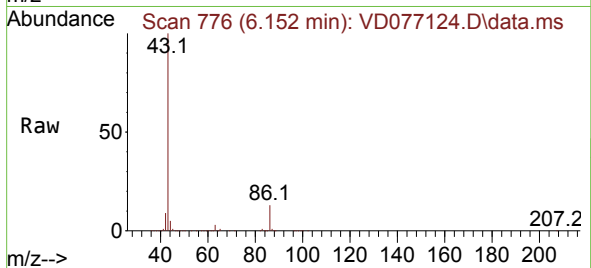
Tgt Ion: 45 Resp: 843005
Ion Ratio Lower Upper
45 100
43 48.2 40.0 60.0
87 30.6 28.2 42.4
59 13.1 11.0 16.4



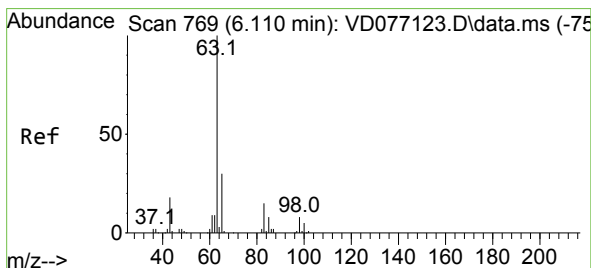
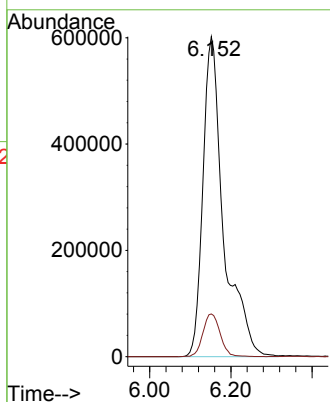
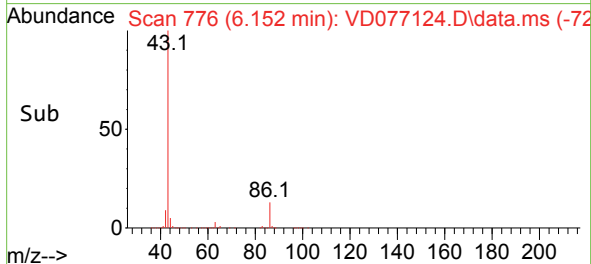


#23
 Vinyl Acetate
 Concen: 649.914 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

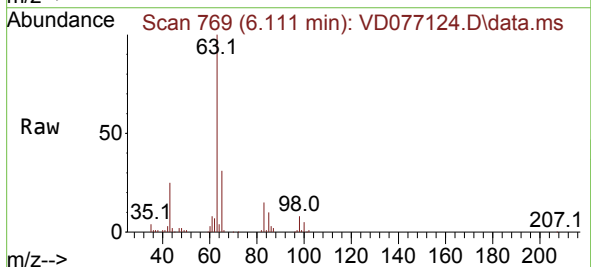
Instrument :
 MSVOA_D
 ClientSampleId :



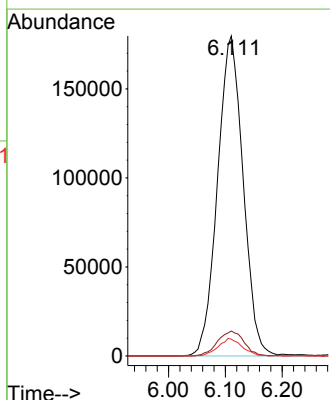
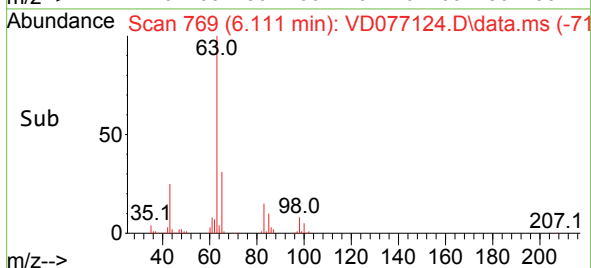
Tgt Ion: 43 Resp: 2126874
 Ion Ratio Lower Upper
 43 100
 86 13.3 12.5 18.7

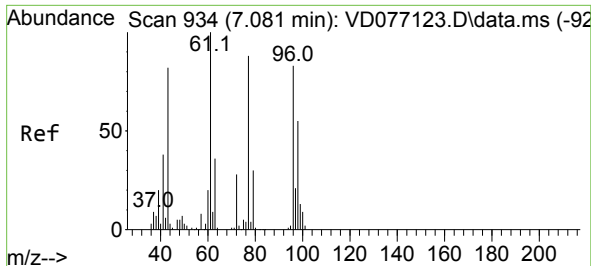


#24
 1,1-Dichloroethane
 Concen: 96.600 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14



Tgt Ion: 63 Resp: 561862
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 527.192 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

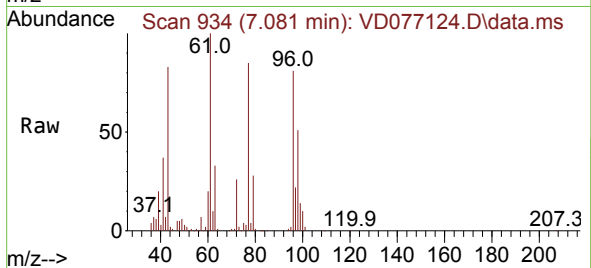
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

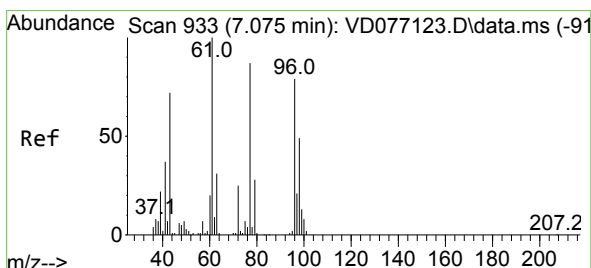
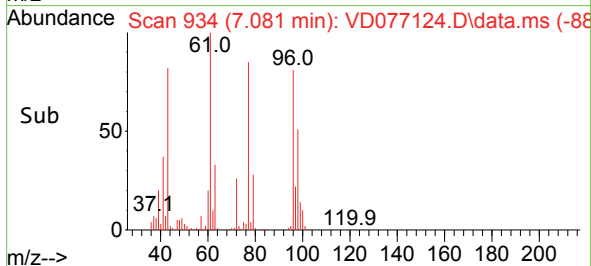
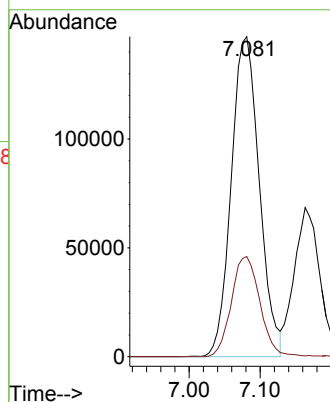


Tgt Ion: 43 Resp: 404014

Ion Ratio Lower Upper

43 100

72 31.3 30.7 46.1



#26

2,2-Dichloropropane

Concen: 100.265 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077124.D

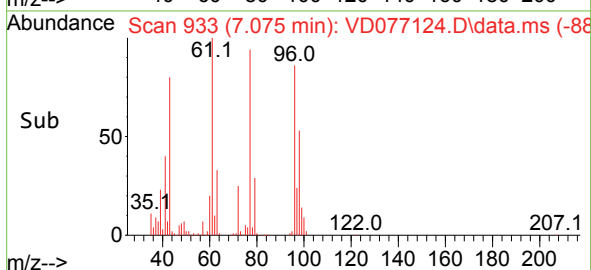
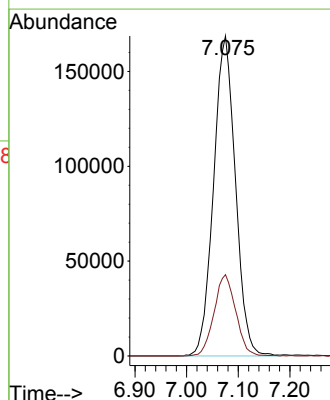
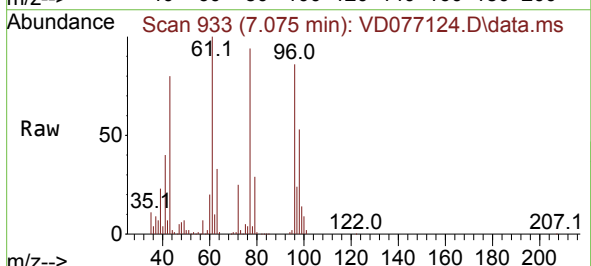
Acq: 18 Sep 2023 12:14

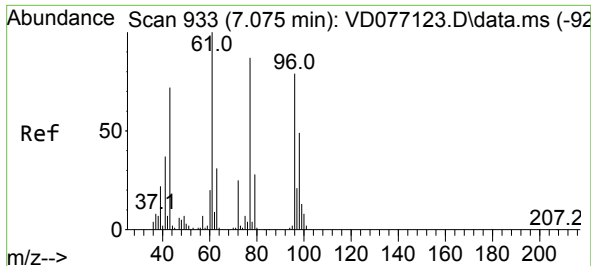
Tgt Ion: 77 Resp: 495020

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6



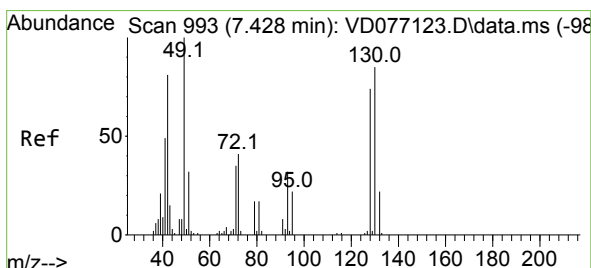
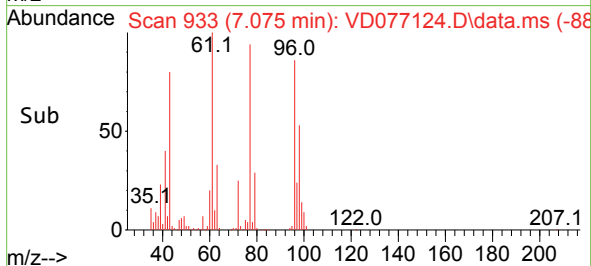
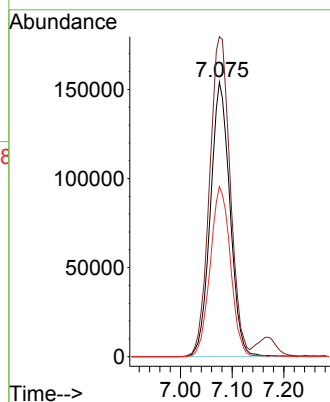
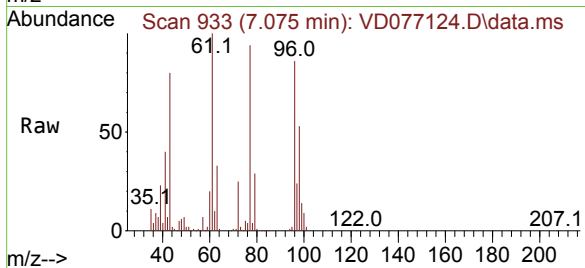


#27
 cis-1,2-Dichloroethene
 Concen: 101.489 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 405168

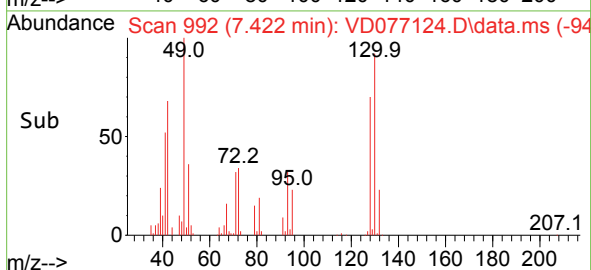
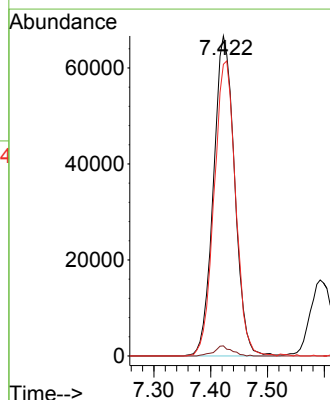
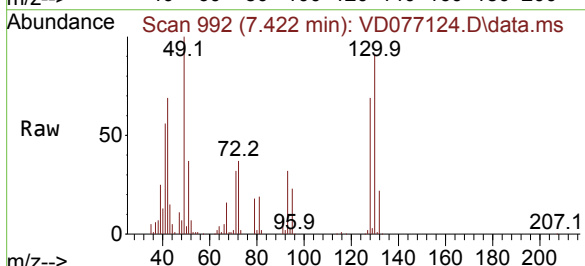
Ion	Ratio	Lower	Upper
96	100		
61	123.2	0.0	239.2
98	64.0	0.0	128.6

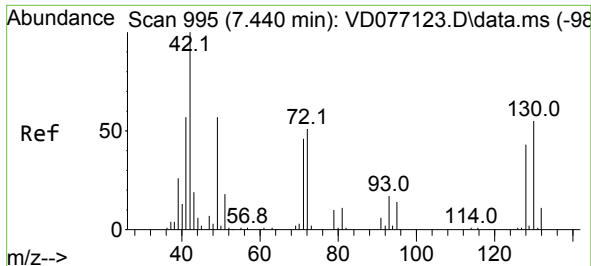


#28
 Bromochloromethane
 Concen: 96.547 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion: 49 Resp: 172437

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	6.0
130	93.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 533.404 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

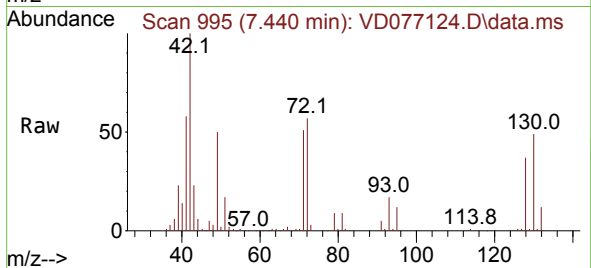
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



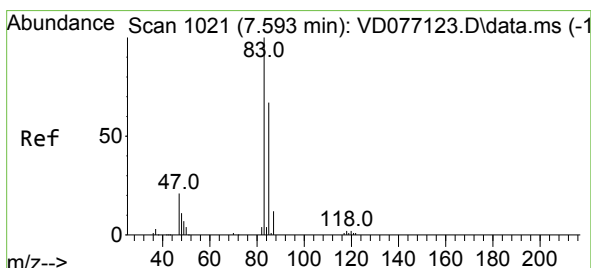
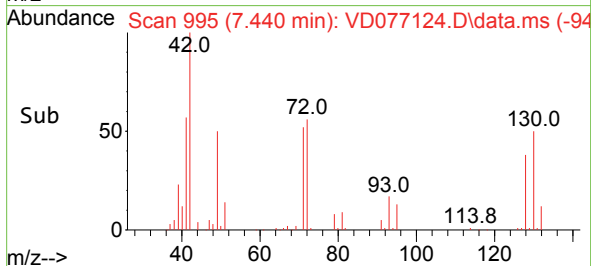
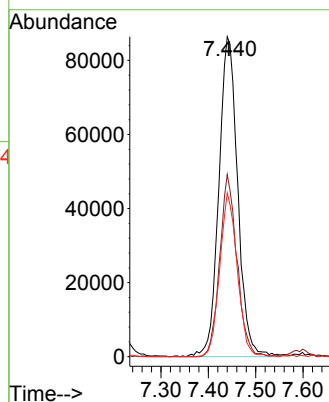
Tgt Ion: 42 Resp: 238965

Ion Ratio Lower Upper

42 100

72 52.2 46.5 69.7

71 47.5 44.5 66.7



#30

Chloroform

Concen: 97.352 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077124.D

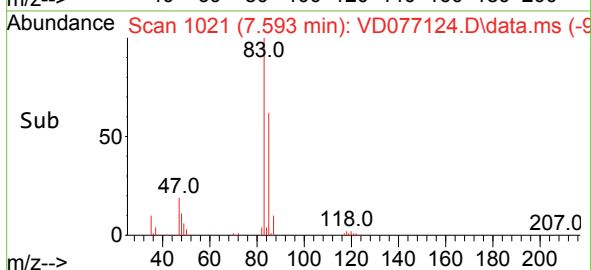
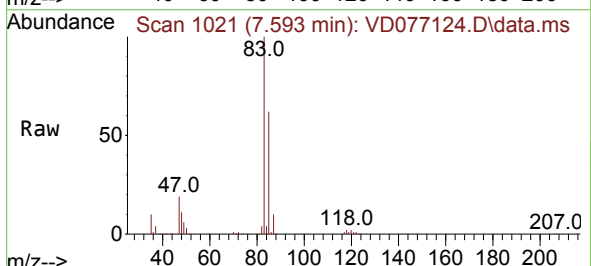
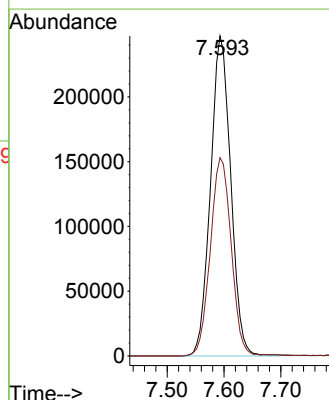
Acq: 18 Sep 2023 12:14

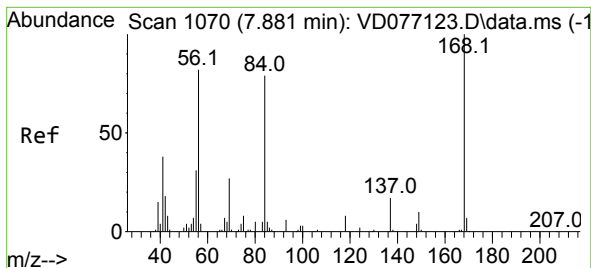
Tgt Ion: 83 Resp: 610246

Ion Ratio Lower Upper

83 100

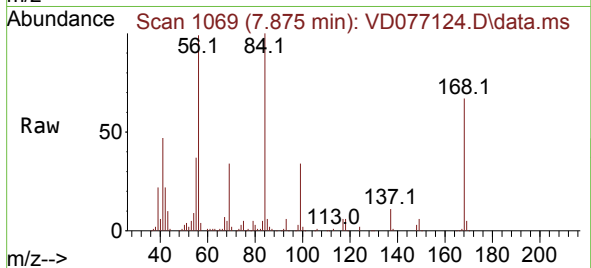
85 62.0 53.4 80.2



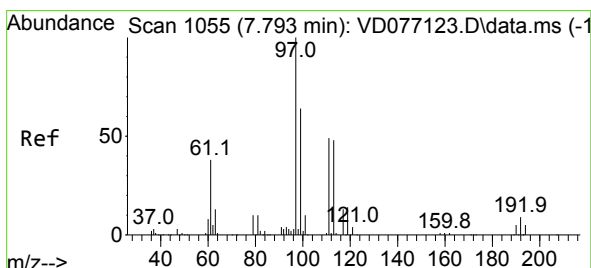
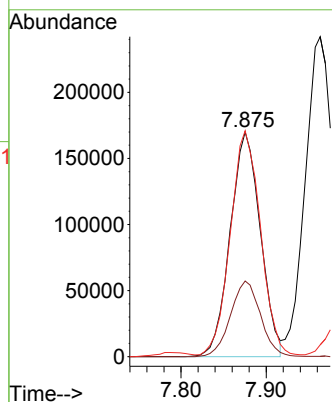
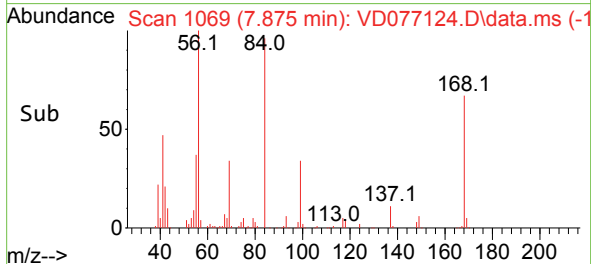


#31
Cyclohexane
Concen: 93.831 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

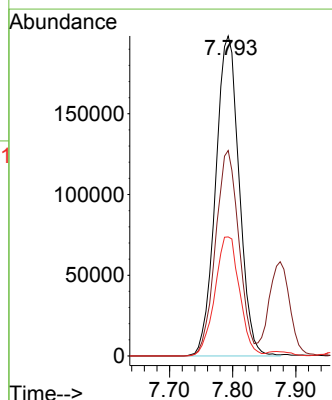
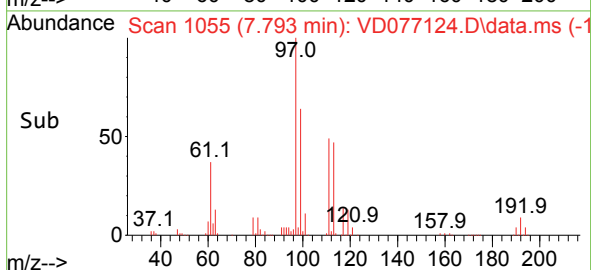
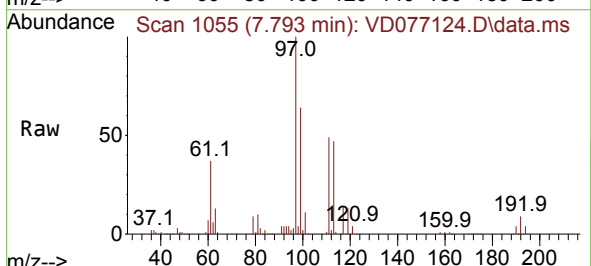


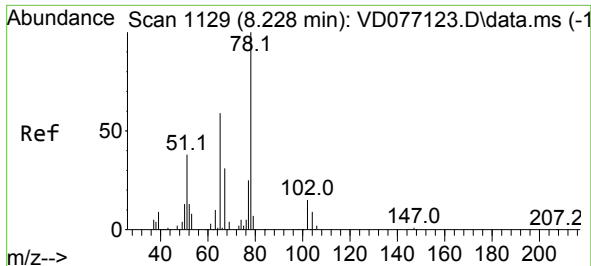
Tgt Ion: 56 Resp: 418379
Ion Ratio Lower Upper
56 100
69 33.7 28.6 43.0
84 98.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 98.261 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 97 Resp: 514142
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 38.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 97.077 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

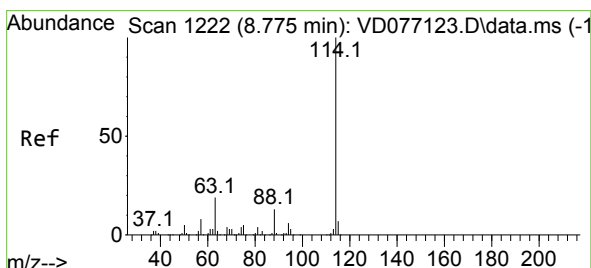
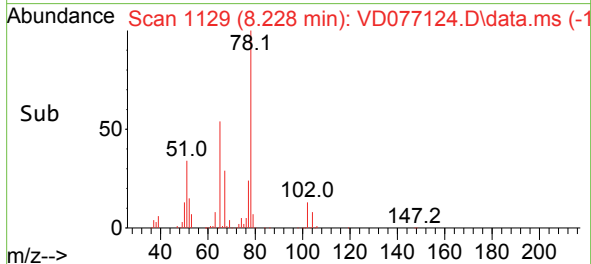
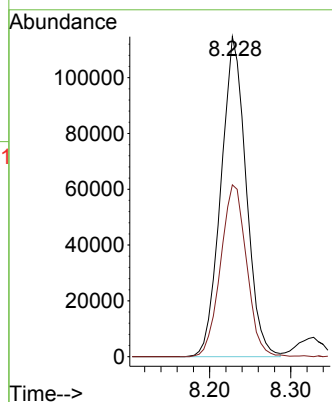
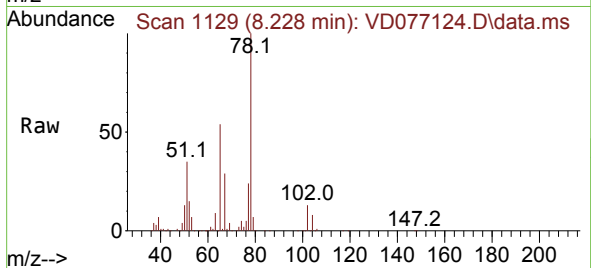
ClientSampleId :

Tgt Ion: 65 Resp: 247418

Ion Ratio Lower Upper

65 100

67 55.4 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: VD077124.D

Acq: 18 Sep 2023 12:14

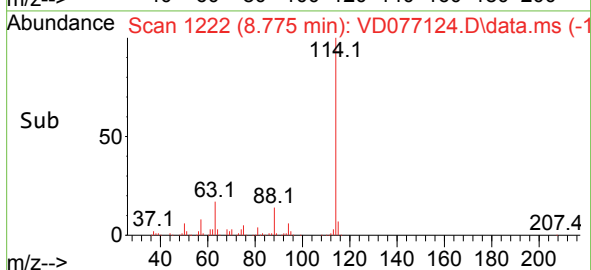
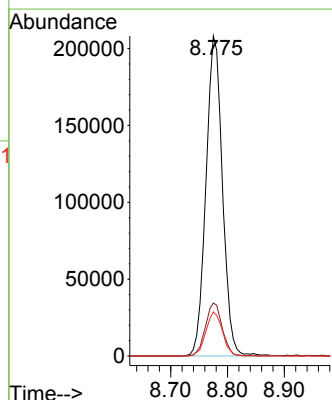
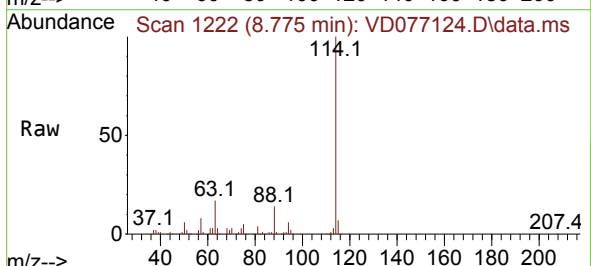
Tgt Ion: 114 Resp: 419096

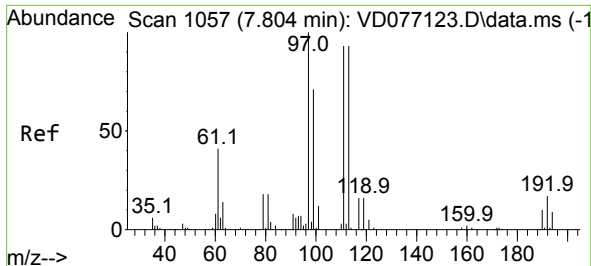
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

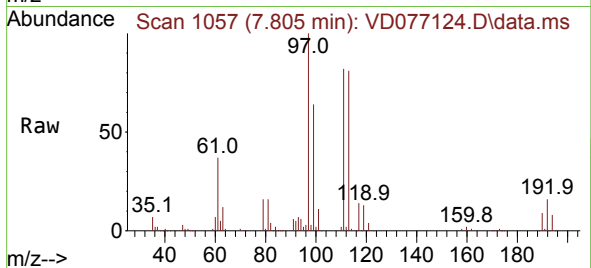
88 13.8 0.0 26.2



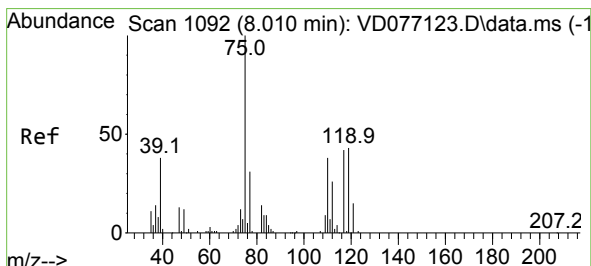
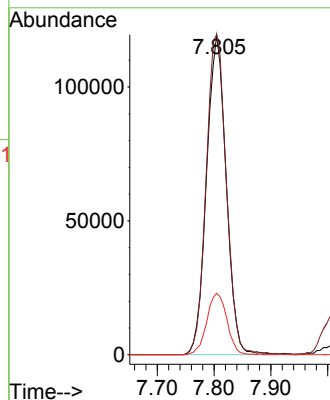
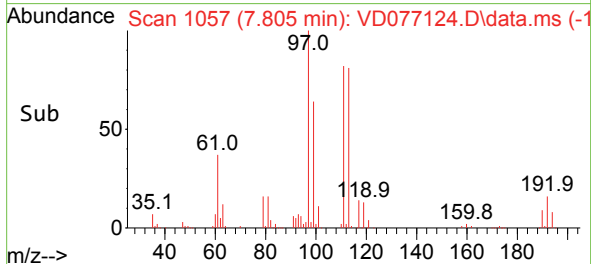


#35
 Dibromofluoromethane
 Concen: 98.281 ug/l
 RT: 7.805 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

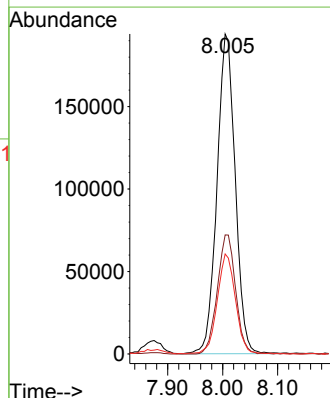
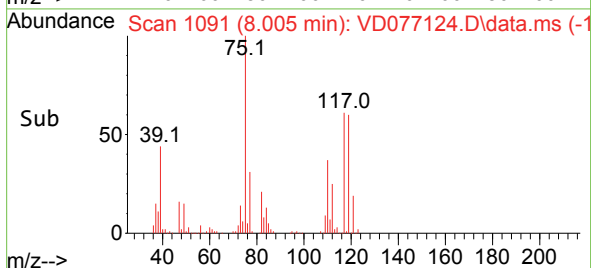
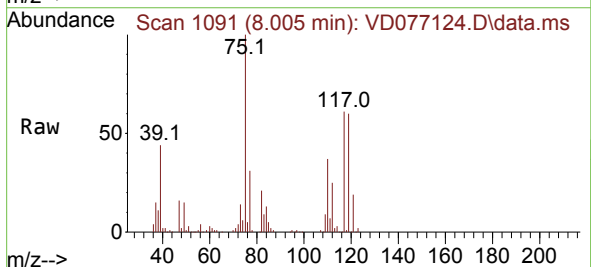


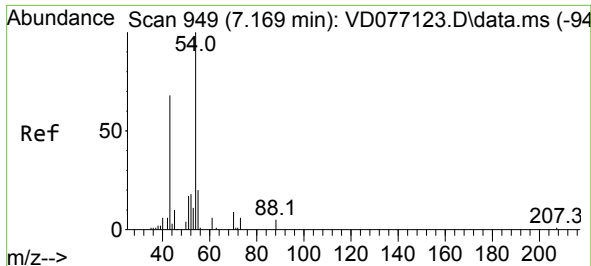
Tgt Ion:113 Resp: 286098
 Ion Ratio Lower Upper
 113 100
 111 102.7 84.7 127.1
 192 19.7 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 101.935 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion: 75 Resp: 446882
 Ion Ratio Lower Upper
 75 100
 110 37.3 19.9 59.6
 77 30.9 24.7 37.1





#37

Ethyl Acetate

Concen: 104.242 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

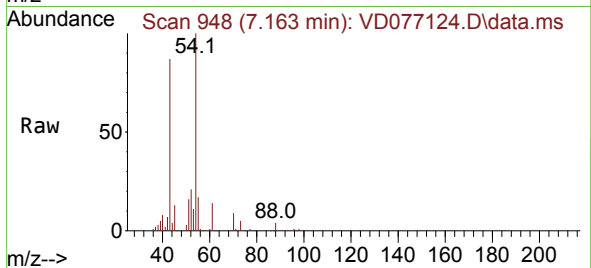
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



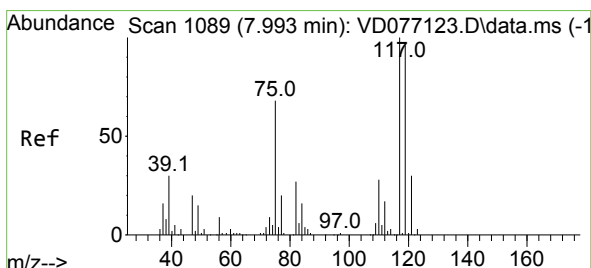
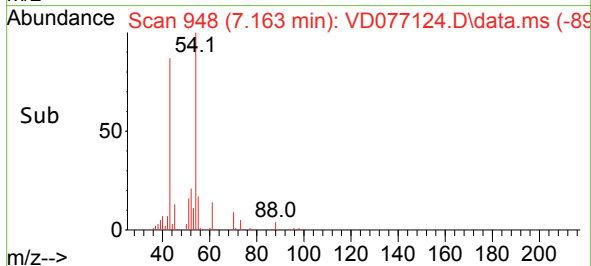
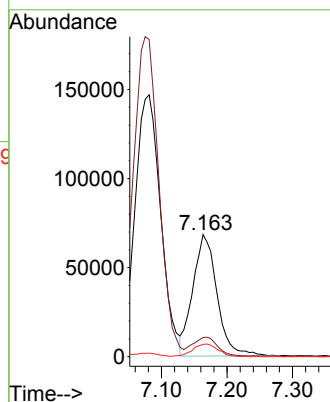
Tgt Ion: 43 Resp: 175334

Ion Ratio Lower Upper

43 100

61 16.3 14.9 22.3

70 10.9 10.0 15.0



#38

Carbon Tetrachloride

Concen: 100.754 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

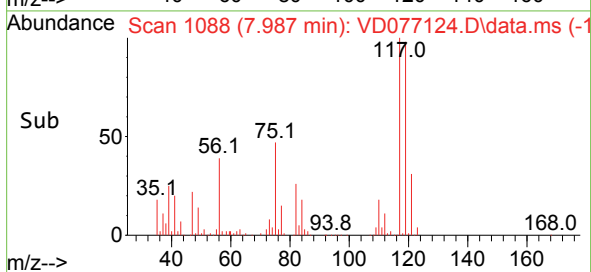
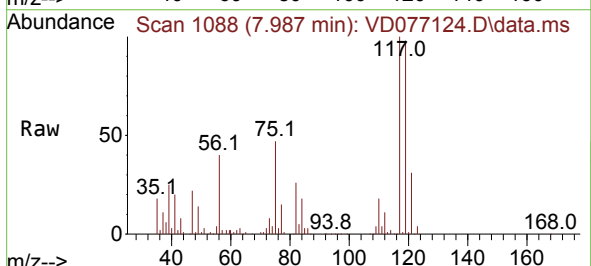
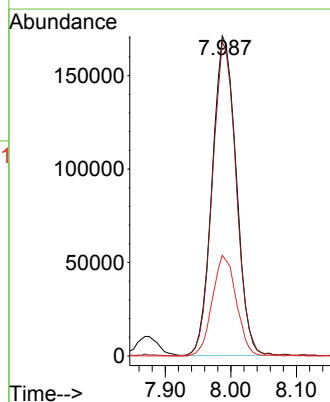
Tgt Ion: 117 Resp: 434134

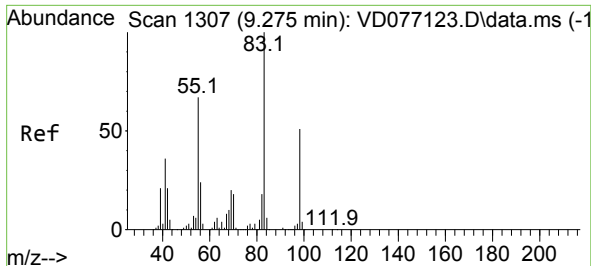
Ion Ratio Lower Upper

117 100

119 98.4 78.0 117.0

121 31.4 24.2 36.2





#39

Methylcyclohexane

Concen: 103.383 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

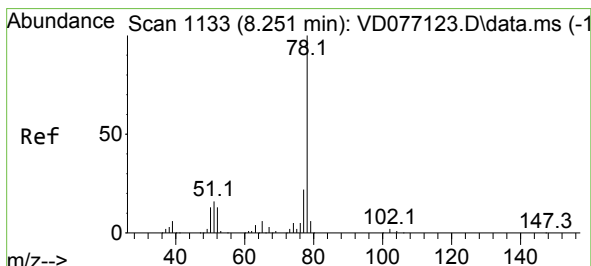
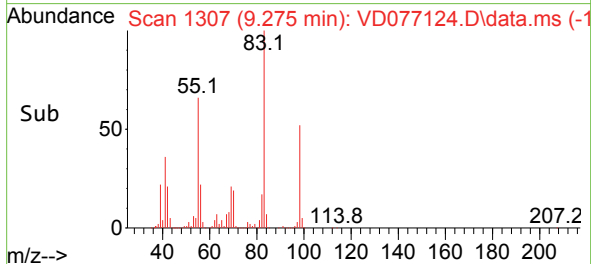
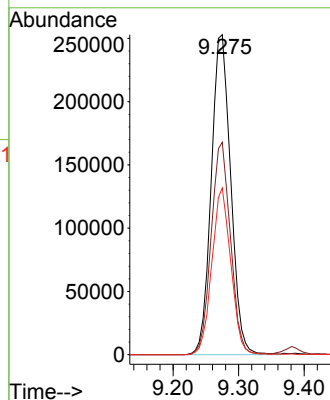
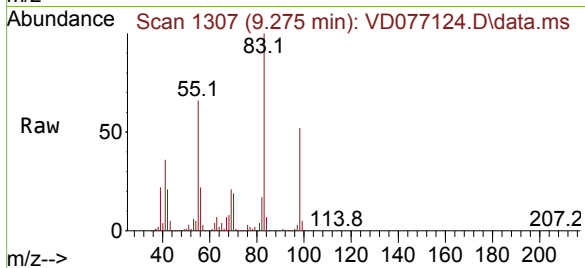
Tgt Ion: 83 Resp: 521485

Ion Ratio Lower Upper

83 100

55 66.4 49.4 74.0

98 52.1 38.4 57.6



#40

Benzene

Concen: 101.688 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077124.D

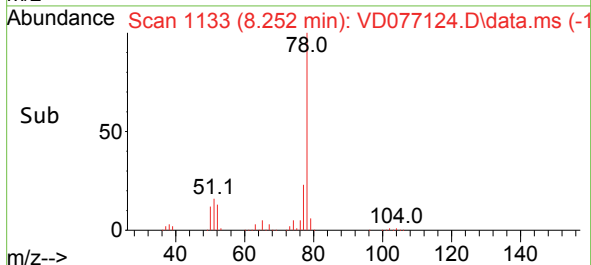
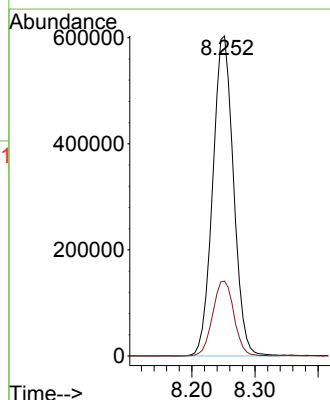
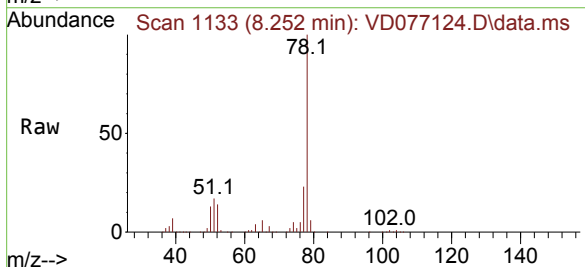
Acq: 18 Sep 2023 12:14

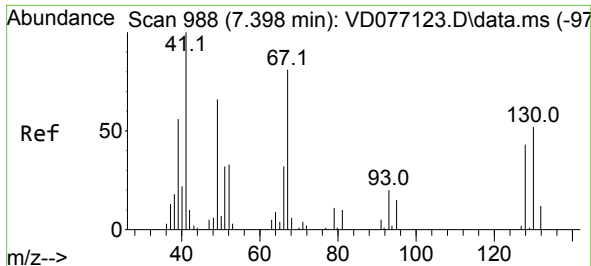
Tgt Ion: 78 Resp: 1379266

Ion Ratio Lower Upper

78 100

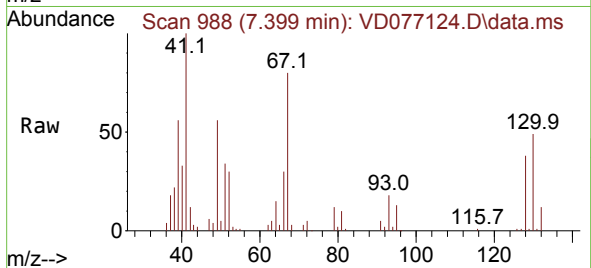
77 23.4 19.4 29.0



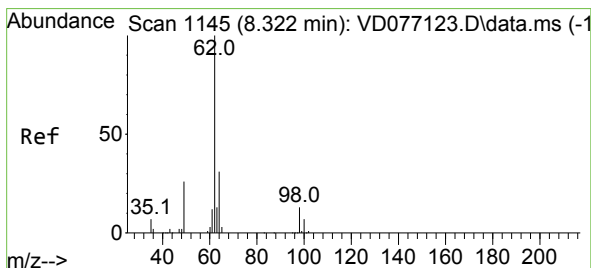
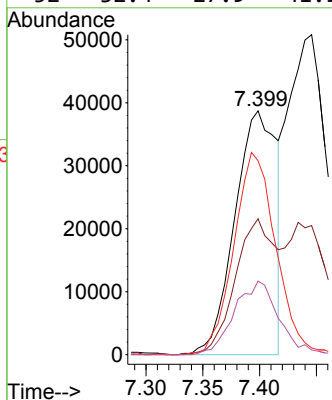
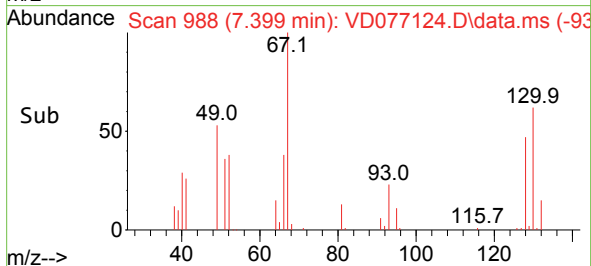


#41
Methacrylonitrile
Concen: 109.973 ug/l
RT: 7.399 min Scan# 988
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

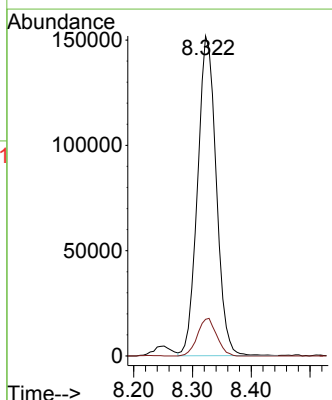
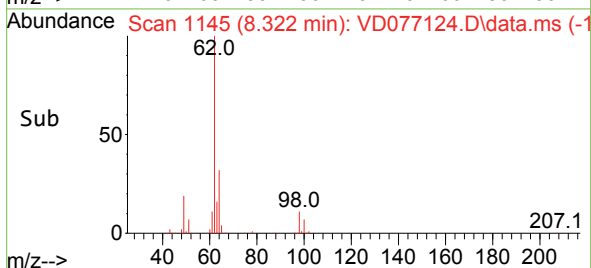
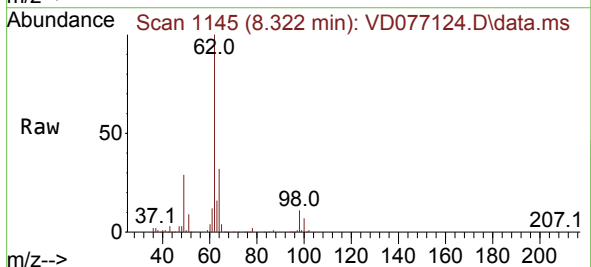


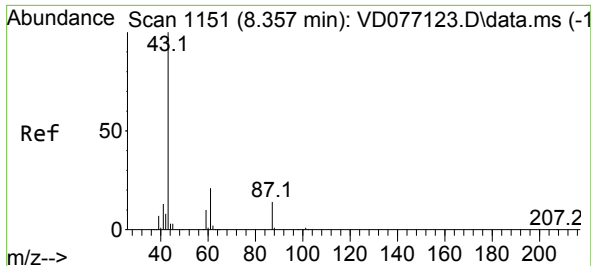
Tgt Ion: 41 Resp: 98729
Ion Ratio Lower Upper
41 100
39 53.3 34.0 51.0#
67 84.6 77.0 115.4
52 32.4 27.9 41.9



#42
1,2-Dichloroethane
Concen: 99.733 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 62 Resp: 335386
Ion Ratio Lower Upper
62 100
98 12.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 106.811 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

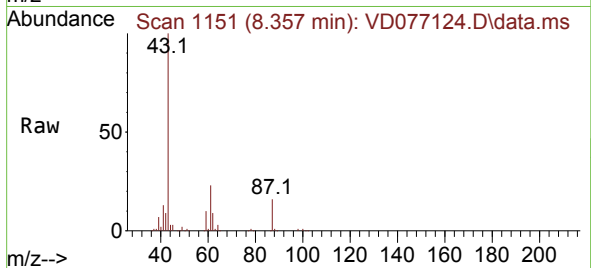
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



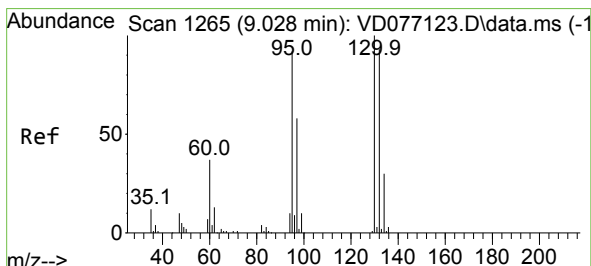
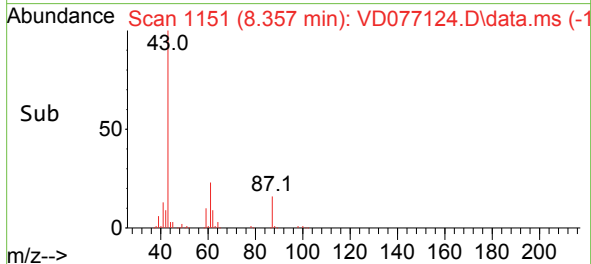
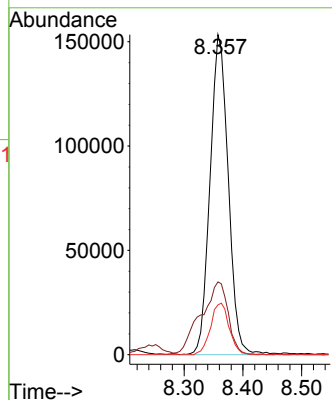
Tgt Ion: 43 Resp: 330778

Ion Ratio Lower Upper

43 100

61 33.9 31.4 47.0

87 16.4 14.9 22.3



#44

Trichloroethene

Concen: 98.113 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077124.D

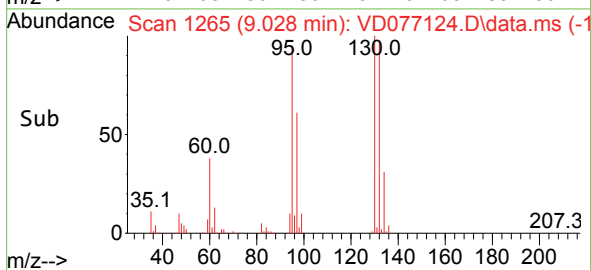
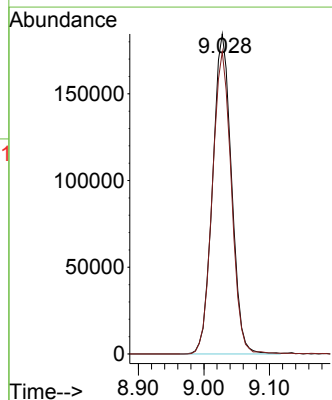
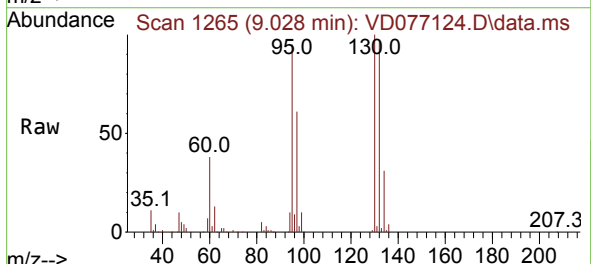
Acq: 18 Sep 2023 12:14

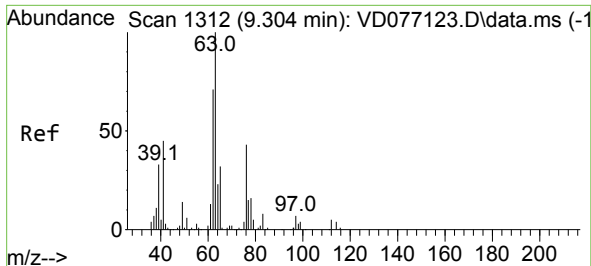
Tgt Ion:130 Resp: 368324

Ion Ratio Lower Upper

130 100

95 94.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 101.232 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

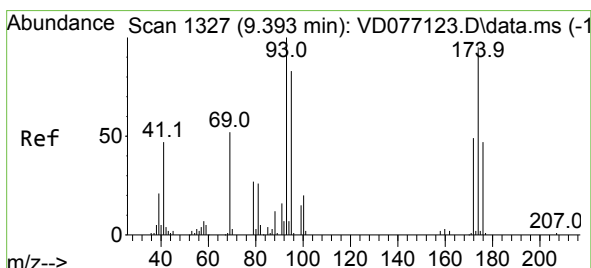
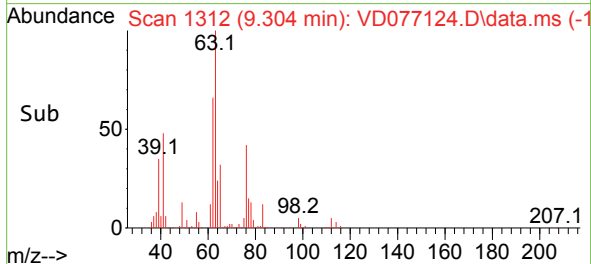
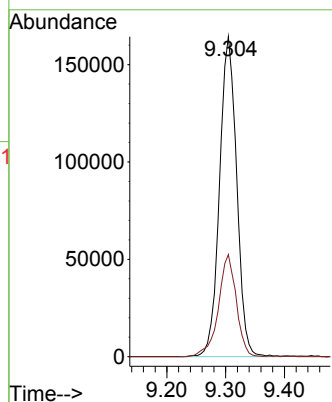
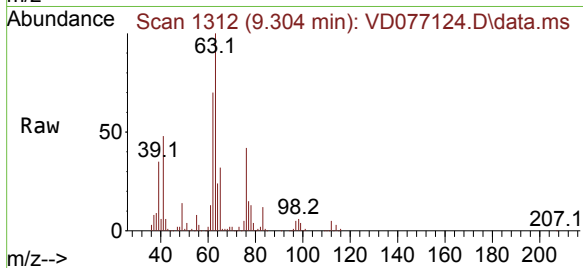
ClientSampleId :

Tgt Ion: 63 Resp: 333505

Ion Ratio Lower Upper

63 100

65 31.9 24.5 36.7



#46

Dibromomethane

Concen: 100.851 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

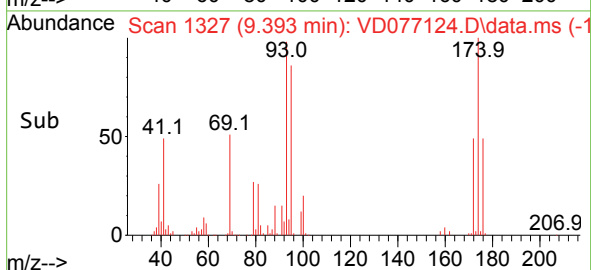
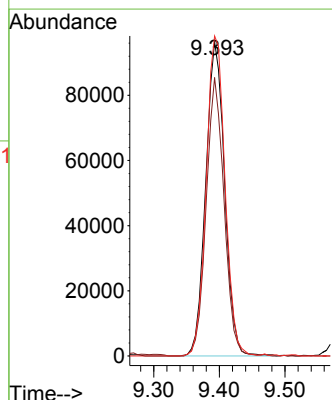
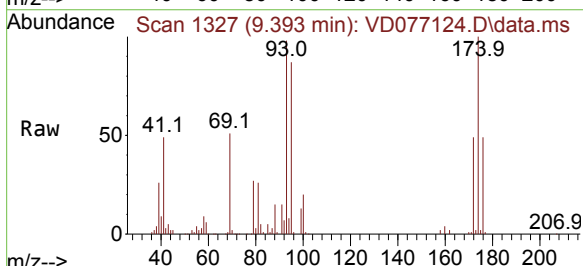
Tgt Ion: 93 Resp: 193069

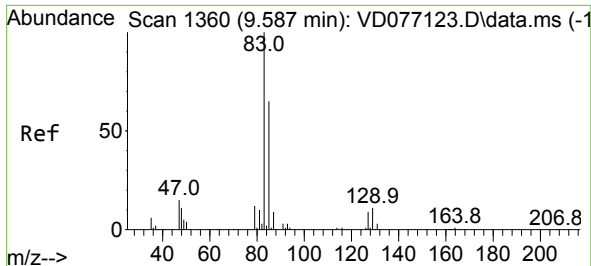
Ion Ratio Lower Upper

93 100

95 84.1 67.7 101.5

174 101.8 85.4 128.2

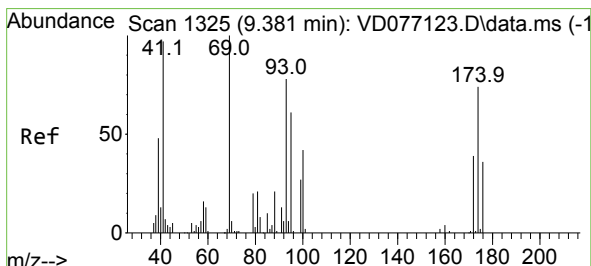
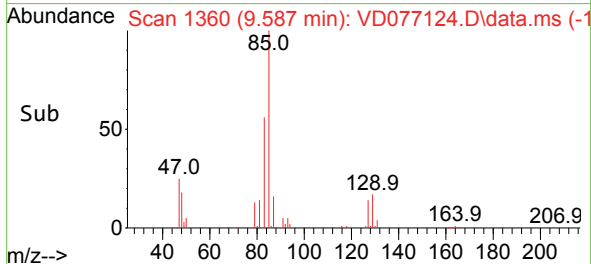
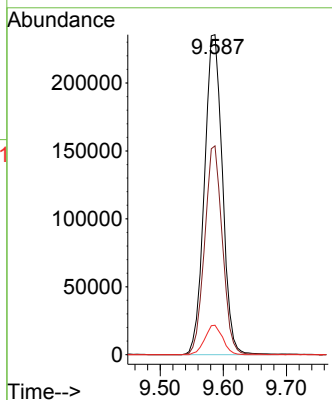
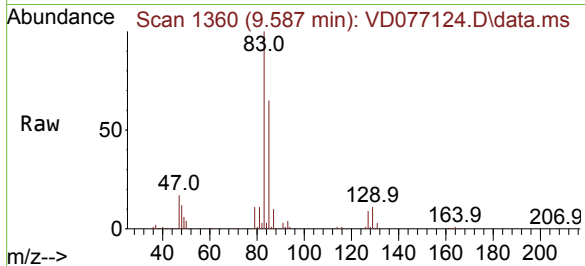




#47
Bromodichloromethane
Concen: 100.876 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

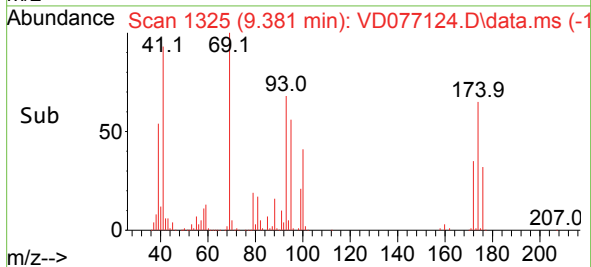
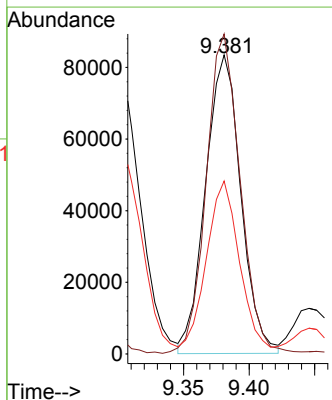
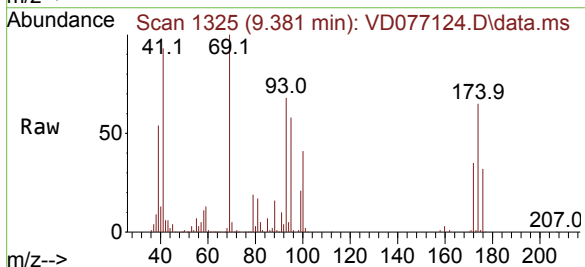
Instrument :
MSVOA_D
ClientSampleId :

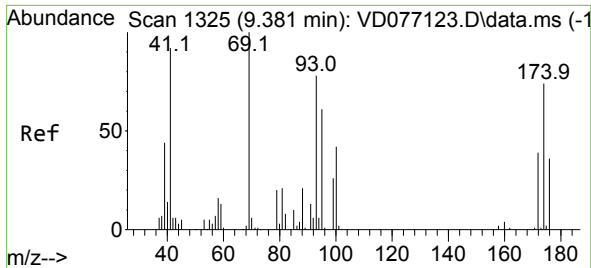
Tgt Ion: 83 Resp: 466679
Ion Ratio Lower Upper
83 100
85 65.3 50.2 75.4
127 9.2 6.3 9.5



#48
Methyl methacrylate
Concen: 110.751 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 41 Resp: 156053
Ion Ratio Lower Upper
41 100
69 102.7 102.2 153.2
39 51.0 41.4 62.2





#49

1,4-Dioxane

Concen: 2227.215 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

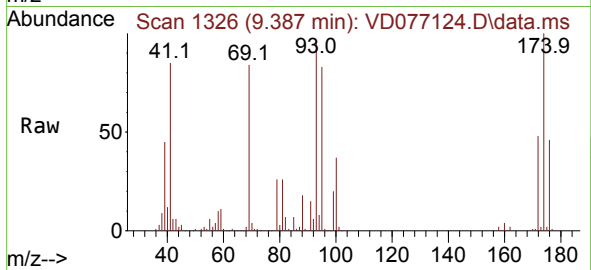
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



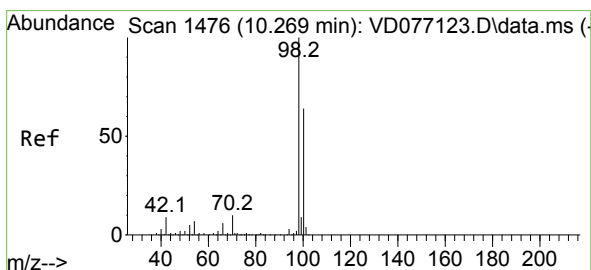
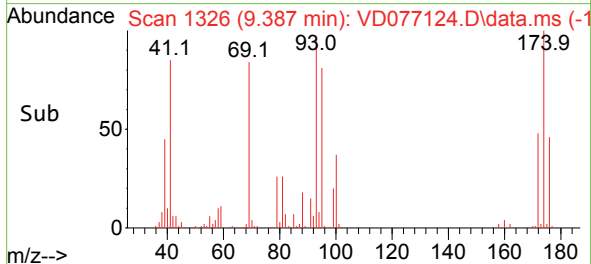
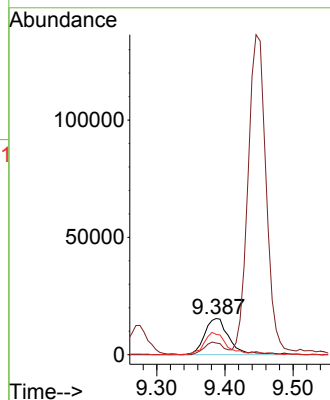
Tgt Ion: 88 Resp: 38487

Ion Ratio Lower Upper

88 100

43 29.3 19.0 28.6#

58 54.9 43.5 65.3



#50

Toluene-d8

Concen: 103.244 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077124.D

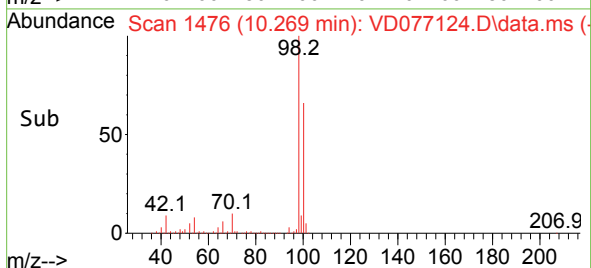
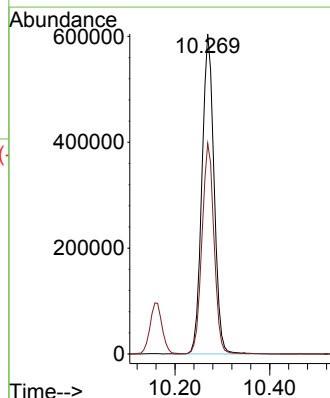
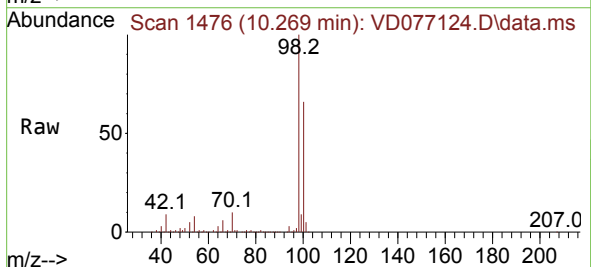
Acq: 18 Sep 2023 12:14

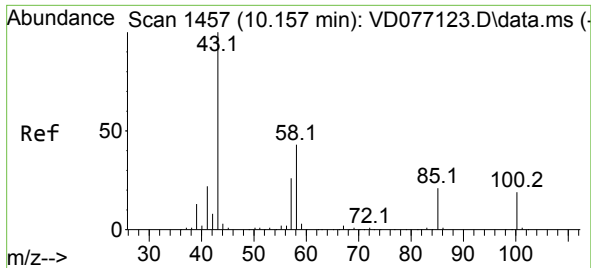
Tgt Ion: 98 Resp: 1069760

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

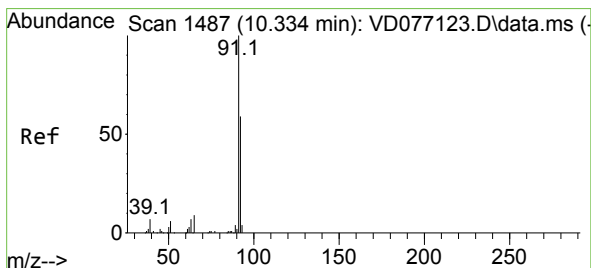
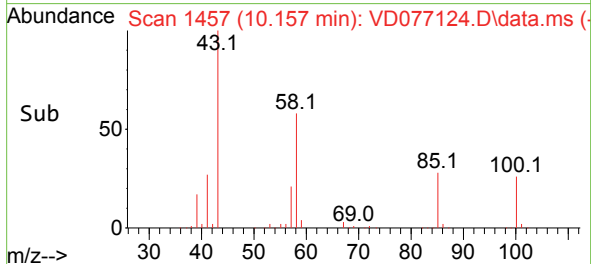
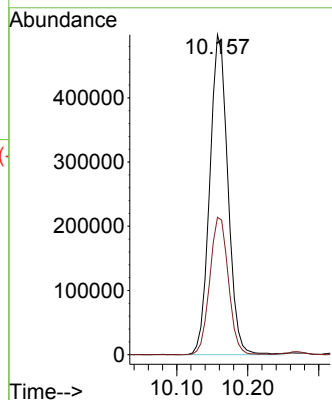
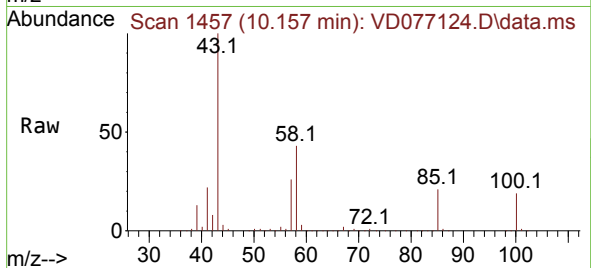




#51
4-Methyl-2-Pentanone
Concen: 544.320 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

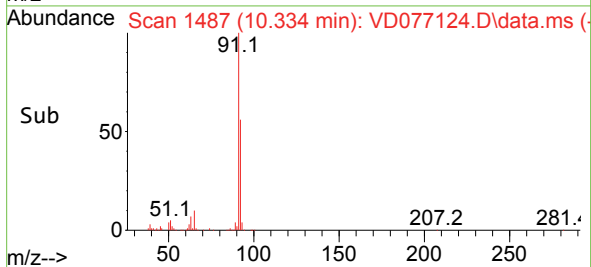
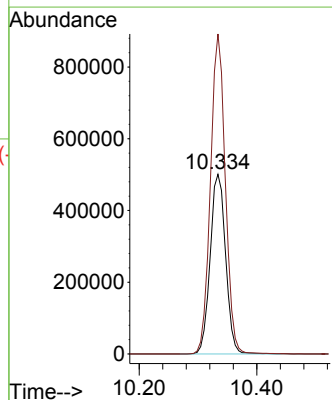
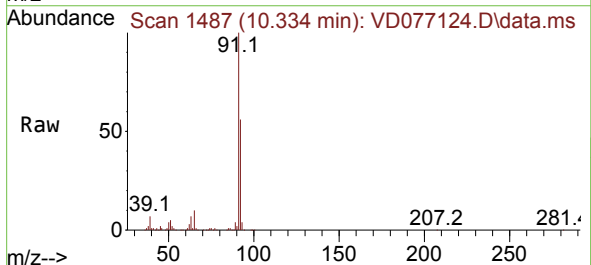
Instrument :
MSVOA_D
ClientSampleId :

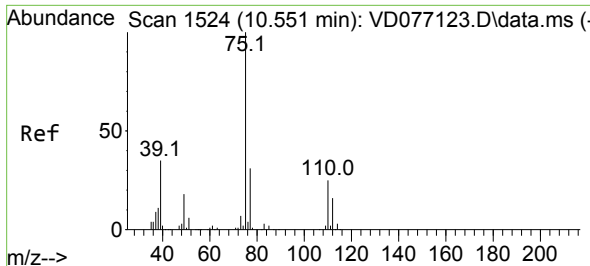
Tgt Ion: 43 Resp: 881591
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 104.985 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 92 Resp: 910968
Ion Ratio Lower Upper
92 100
91 171.9 143.0 214.4

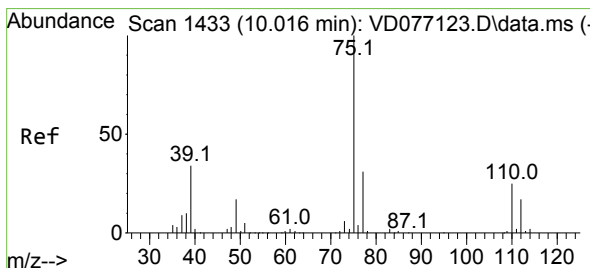
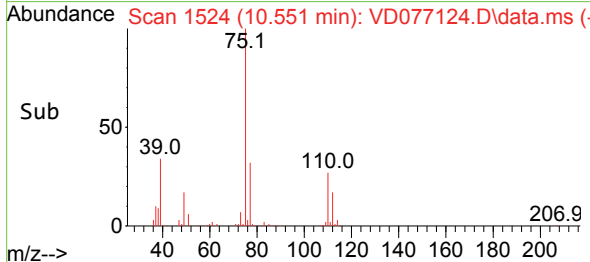
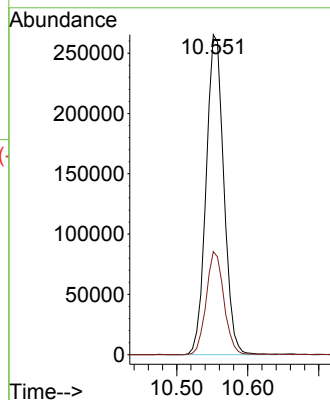
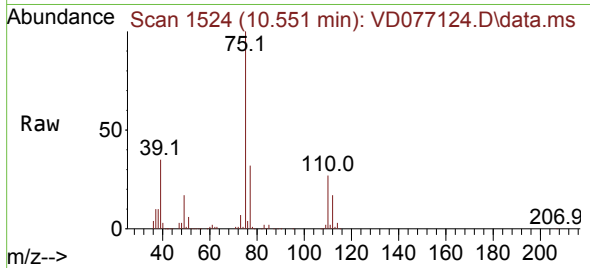




#53
 t-1,3-Dichloropropene
 Concen: 106.313 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

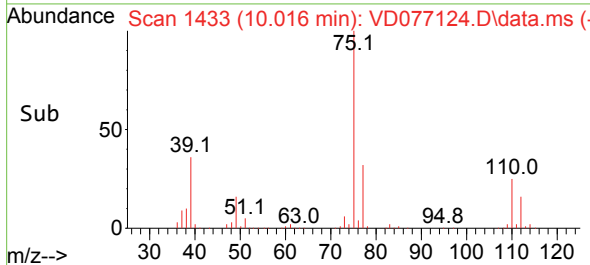
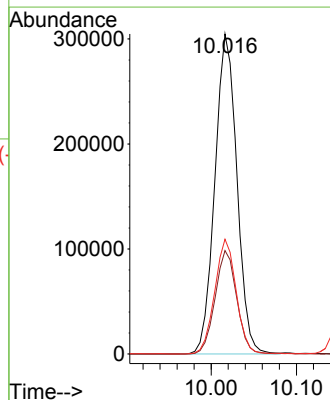
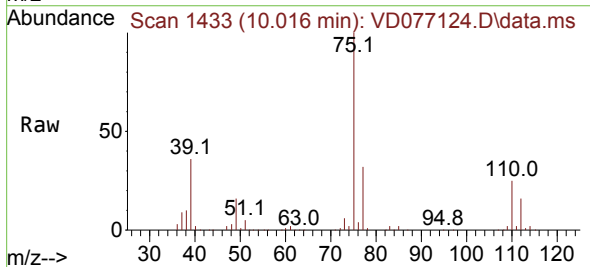
Instrument :
 MSVOA_D
 ClientSampleId :

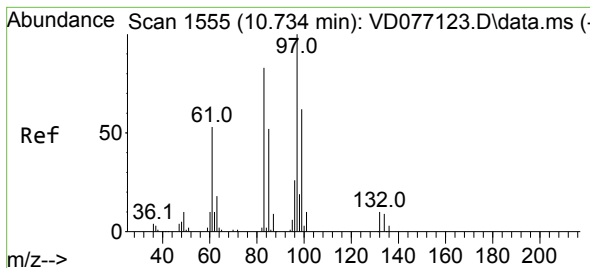
Tgt Ion: 75 Resp: 459490
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 105.554 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion: 75 Resp: 546580
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.5 38.3
 39 35.9 22.1 33.1#

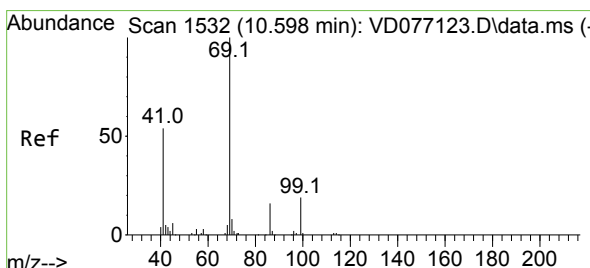
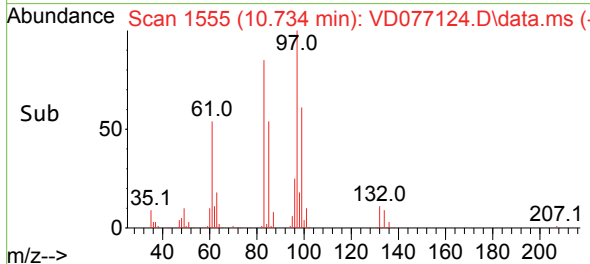
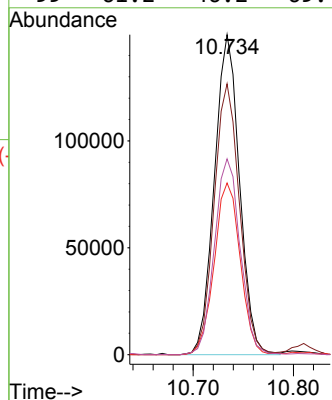
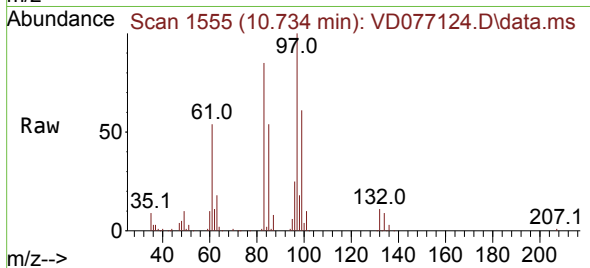




#55
1,1,2-Trichloroethane
Concen: 100.147 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

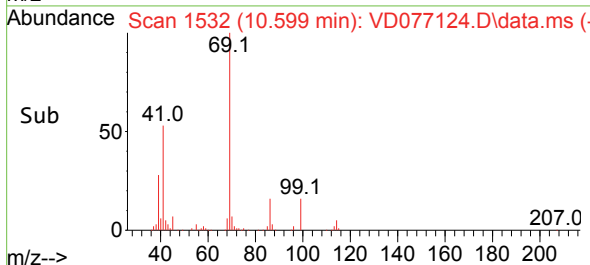
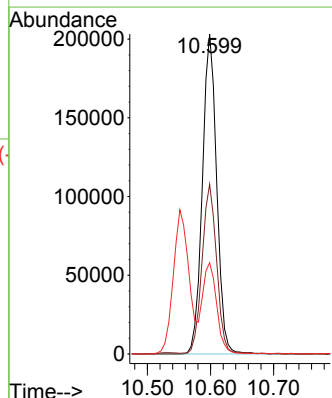
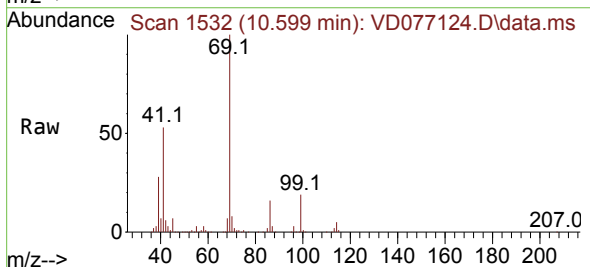
Instrument :
MSVOA_D
ClientSampleId :

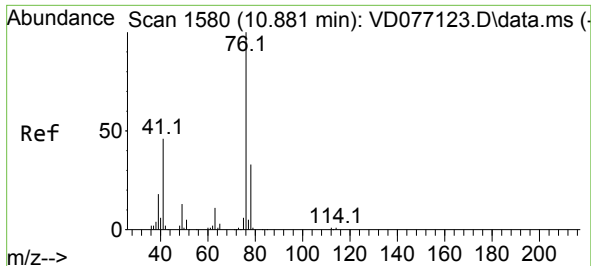
Tgt Ion:	97	Resp:	260763
Ion	Ratio	Lower	Upper
97	100		
83	84.7	65.8	98.6
85	53.7	45.7	68.5
99	61.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 114.392 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion:	69	Resp:	319998
Ion	Ratio	Lower	Upper
69	100		
41	53.8	39.1	58.7
39	27.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 104.303 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

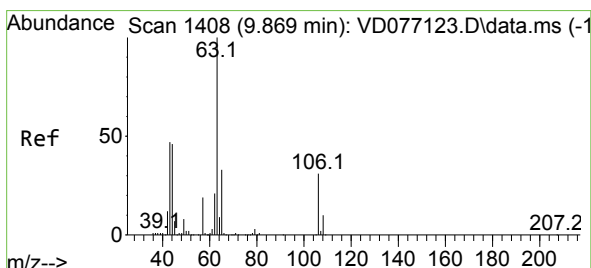
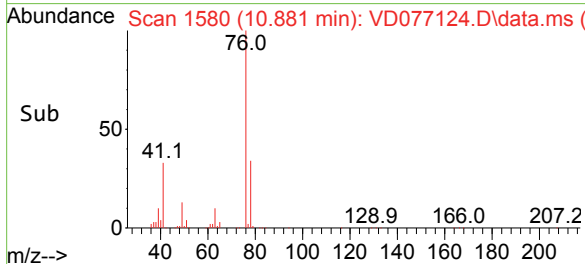
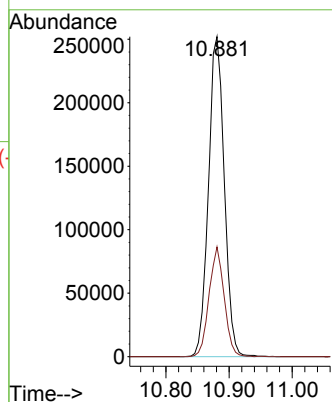
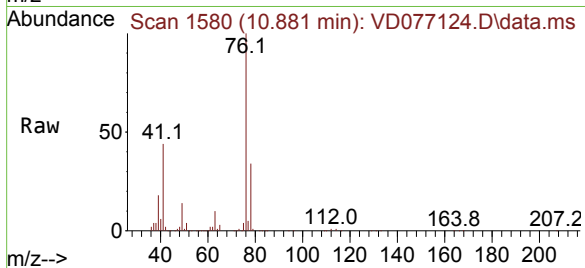
ClientSampleId :

Tgt Ion: 76 Resp: 439656

Ion Ratio Lower Upper

76 100

78 32.7 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 503.571 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077124.D

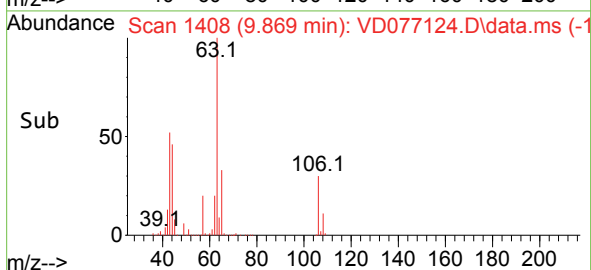
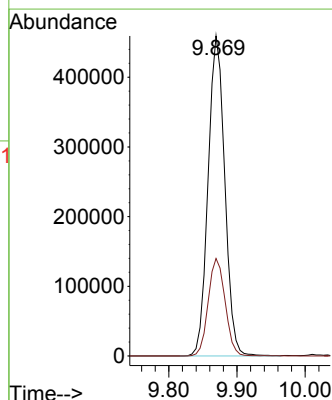
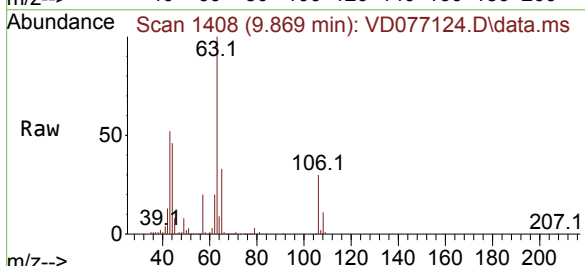
Acq: 18 Sep 2023 12:14

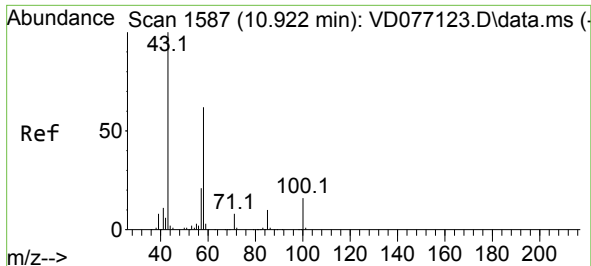
Tgt Ion: 63 Resp: 782477

Ion Ratio Lower Upper

63 100

106 30.9 25.3 37.9

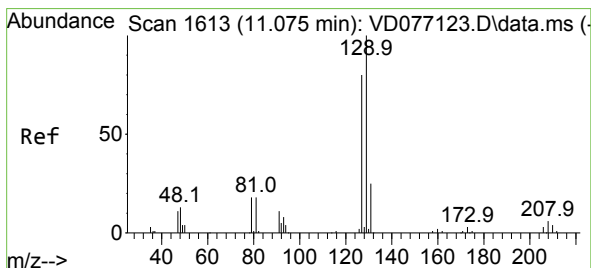
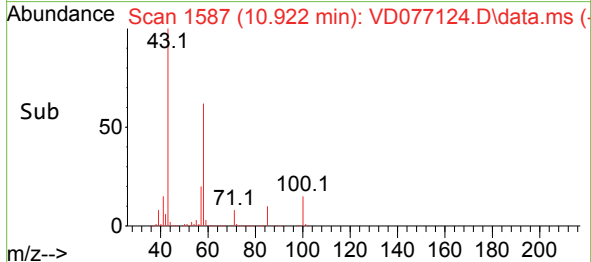
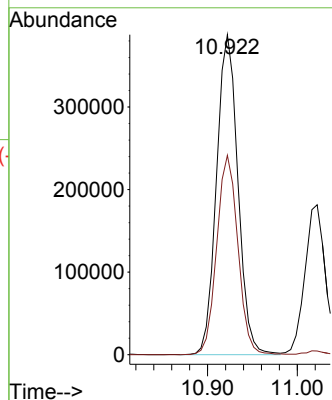
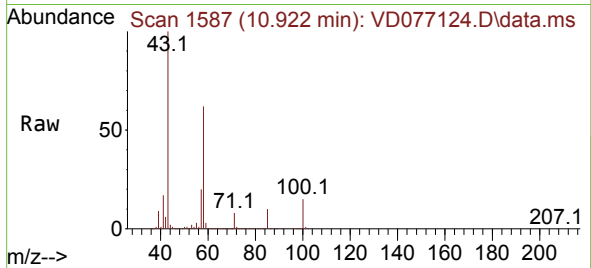




#59
2-Hexanone
Concen: 552.549 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

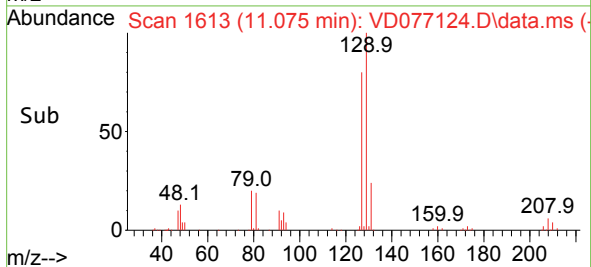
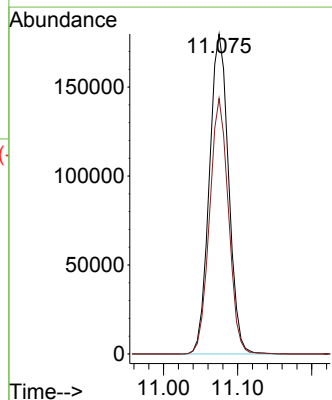
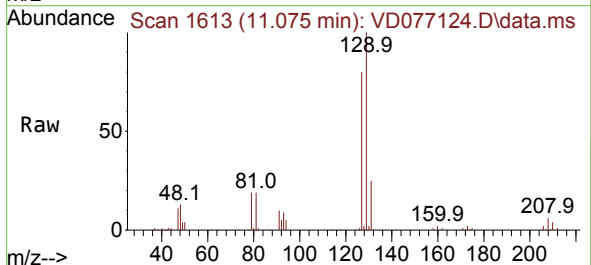
Instrument :
MSVOA_D
ClientSampleId :

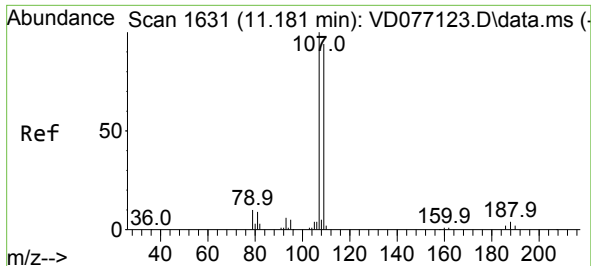
Tgt Ion: 43 Resp: 642102
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2



#60
Dibromochloromethane
Concen: 101.720 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion:129 Resp: 324404
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5

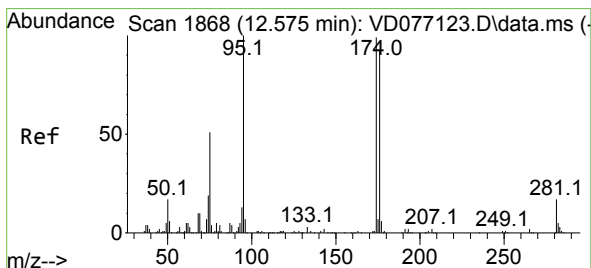
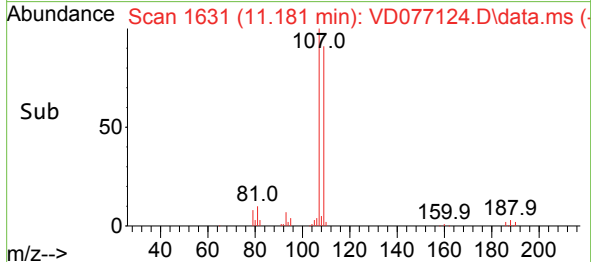
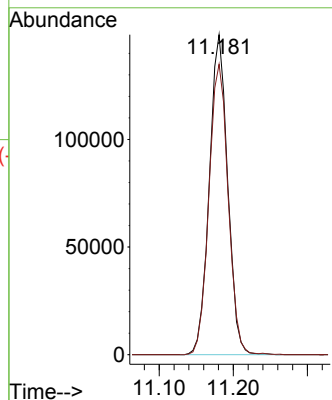
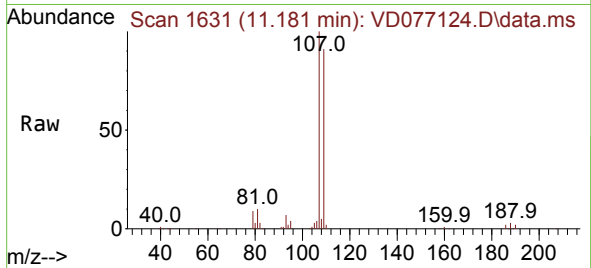




#61
1,2-Dibromoethane
Concen: 101.697 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

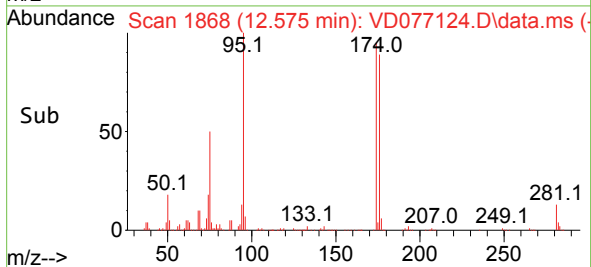
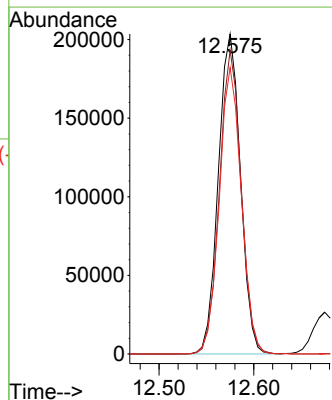
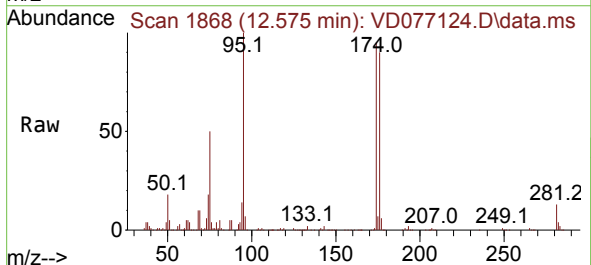
Instrument :
MSVOA_D
ClientSampleId :

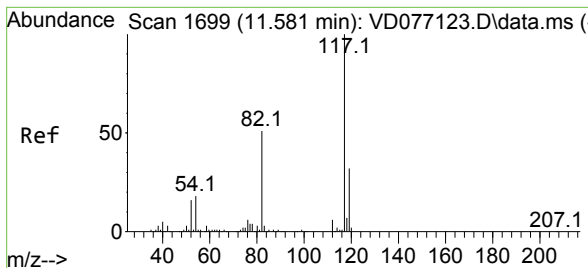
Tgt Ion:107 Resp: 255991
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 102.814 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 95 Resp: 330186
Ion Ratio Lower Upper
95 100
174 93.5 0.0 201.8
176 89.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

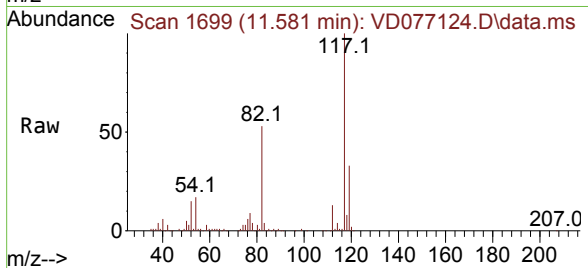
Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :



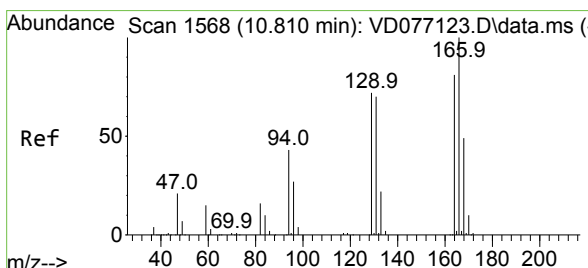
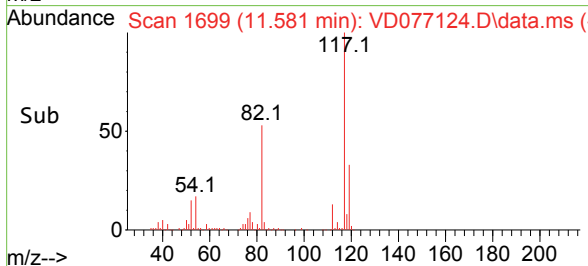
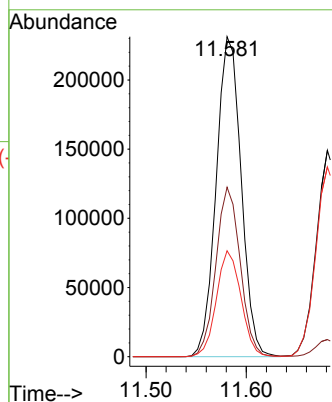
Tgt Ion:117 Resp: 400127

Ion Ratio Lower Upper

117 100

82 53.0 38.3 57.5

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 98.532 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Tgt Ion:164 Resp: 306746

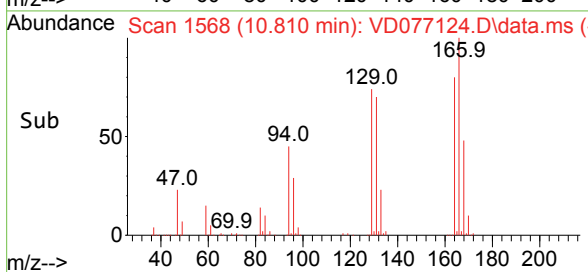
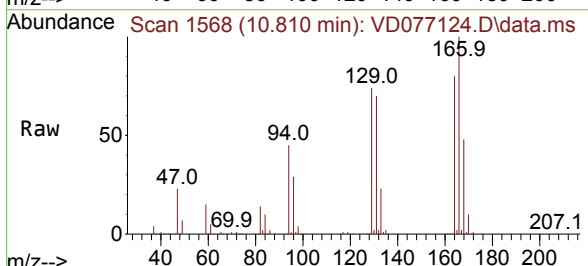
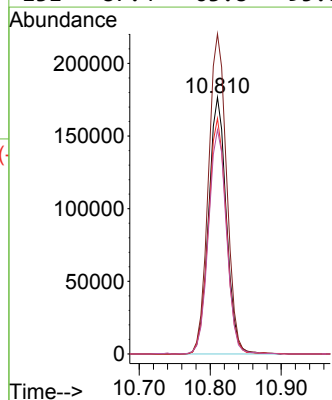
Ion Ratio Lower Upper

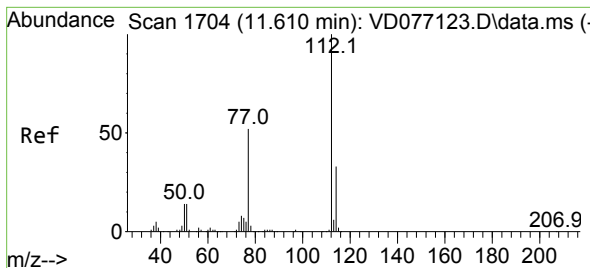
164 100

166 124.7 99.2 148.8

129 91.8 68.4 102.6

131 87.4 63.8 95.8





#65

Chlorobenzene

Concen: 101.549 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

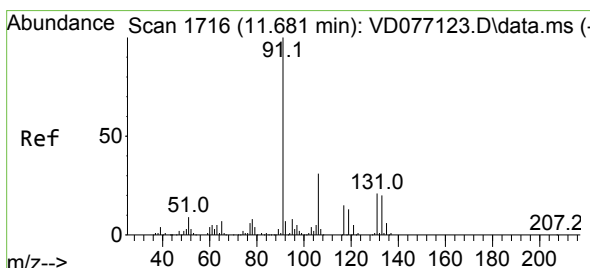
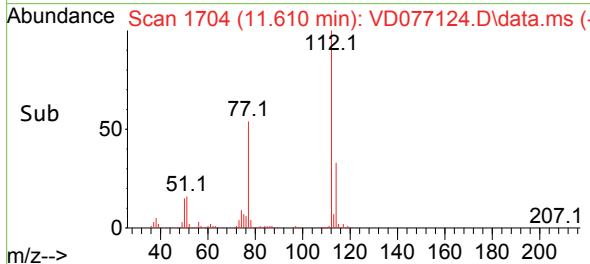
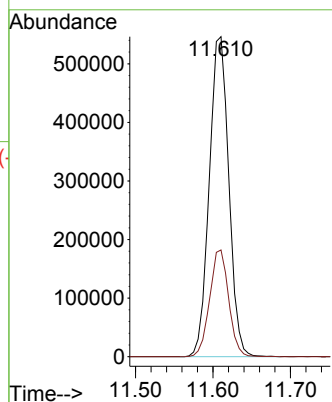
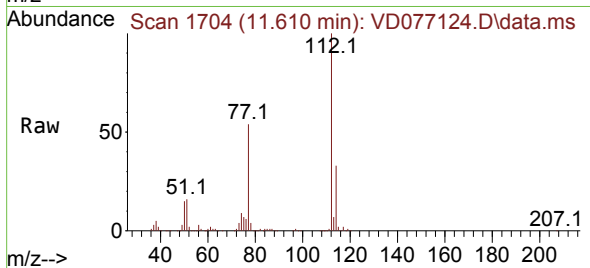
ClientSampleId :

Tgt Ion:112 Resp: 955852

Ion Ratio Lower Upper

112 100

114 33.4 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 104.449 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

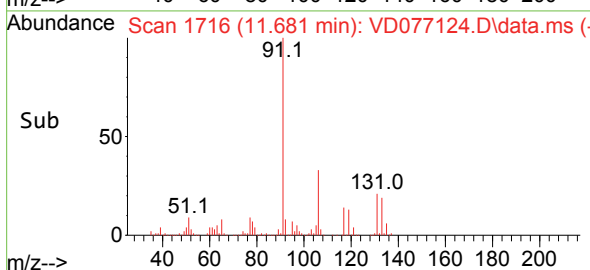
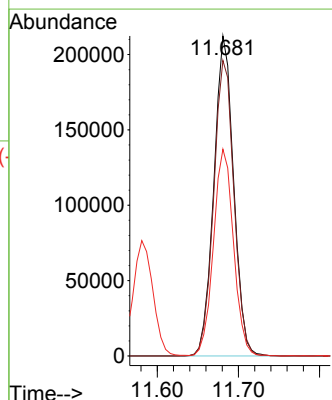
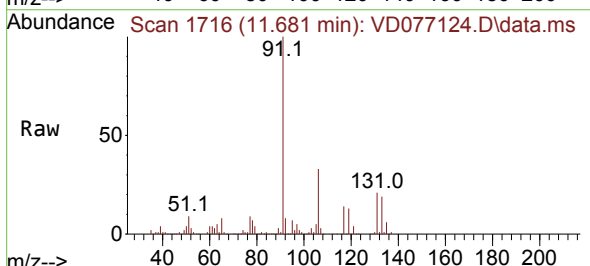
Tgt Ion:131 Resp: 359682

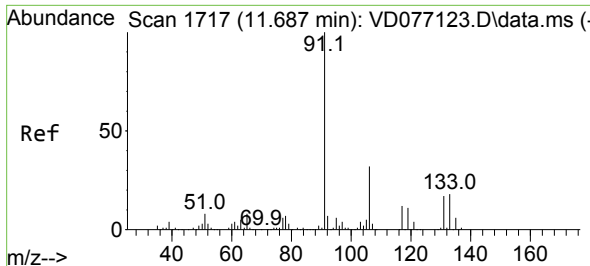
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 65.6 35.6 106.9

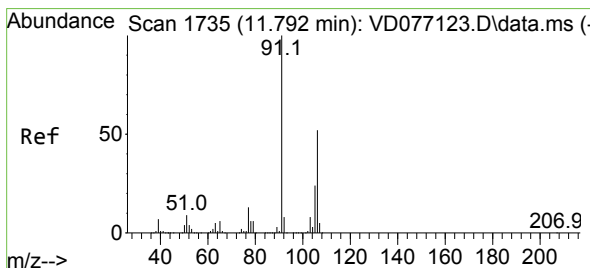
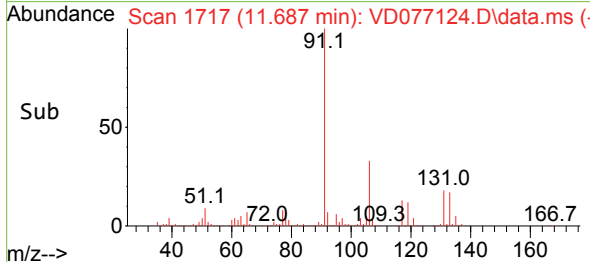
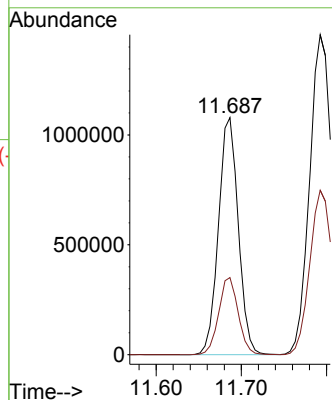
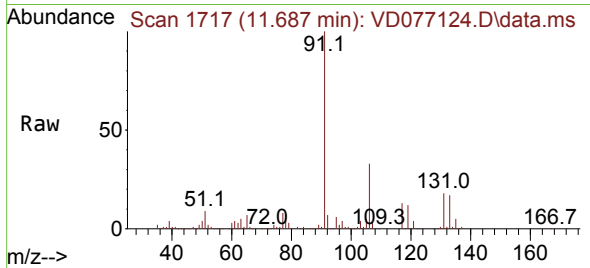




#67
Ethyl Benzene
Concen: 107.860 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

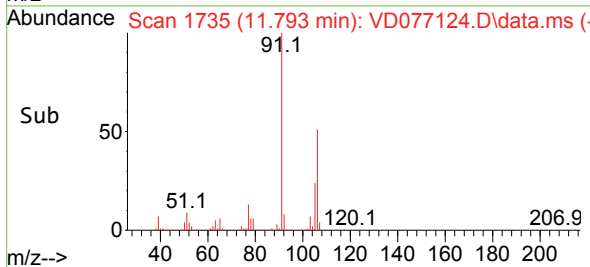
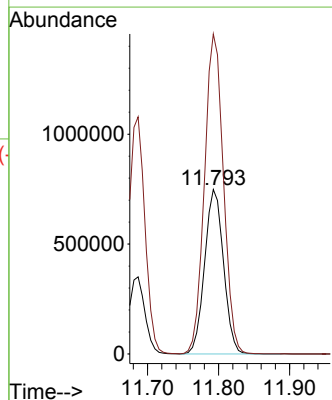
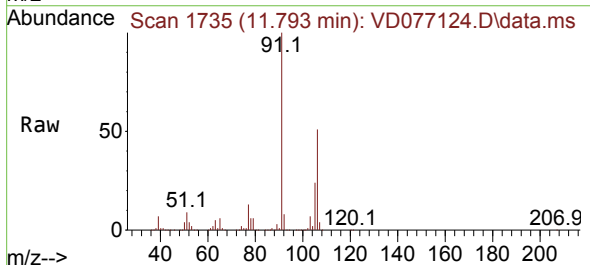
Instrument :
MSVOA_D
ClientSampleId :

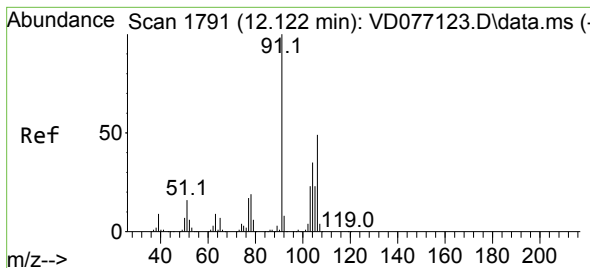
Tgt Ion: 91 Resp: 1745075
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7



#68
m/p-Xylenes
Concen: 213.583 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion:106 Resp: 1383588
Ion Ratio Lower Upper
106 100
91 195.4 147.0 220.6

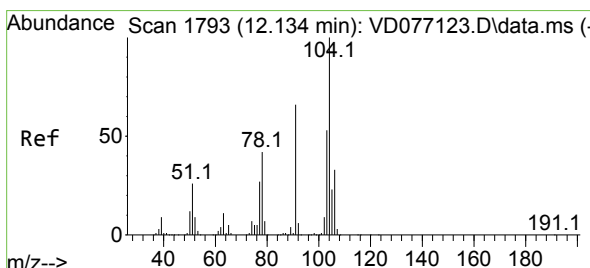
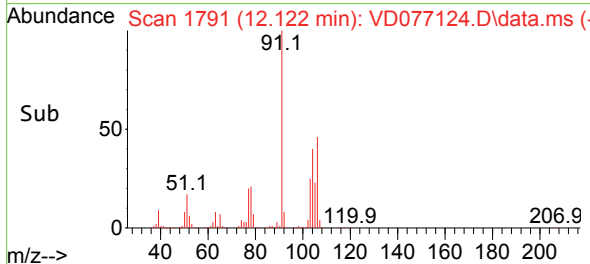
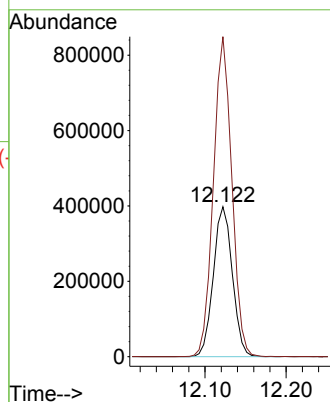
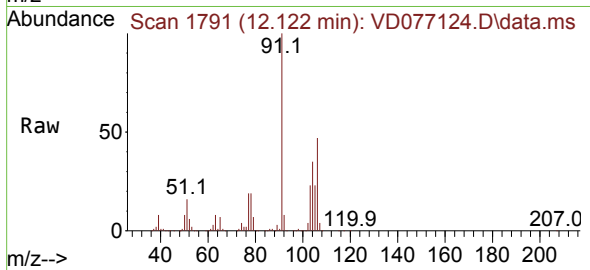




#69
o-Xylene
Concen: 108.855 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

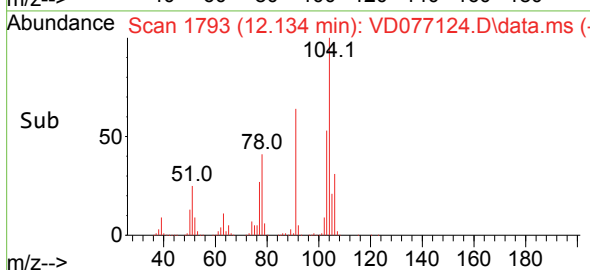
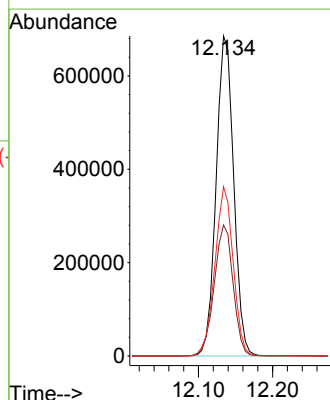
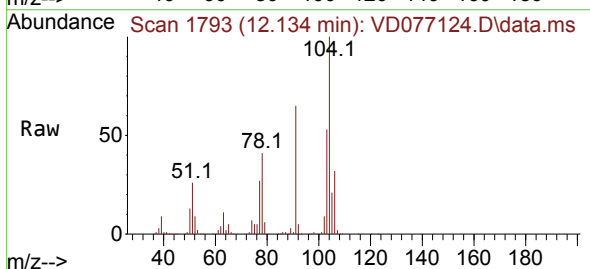
Instrument :
MSVOA_D
ClientSampleId :

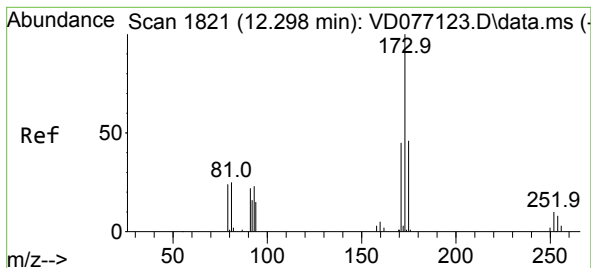
Tgt Ion:106 Resp: 647233
Ion Ratio Lower Upper
106 100
91 207.2 97.9 293.6



#70
Styrene
Concen: 111.426 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion:104 Resp: 1128733
Ion Ratio Lower Upper
104 100
78 44.2 33.2 49.8
103 55.0 43.6 65.4





#71

Bromoform

Concen: 102.355 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

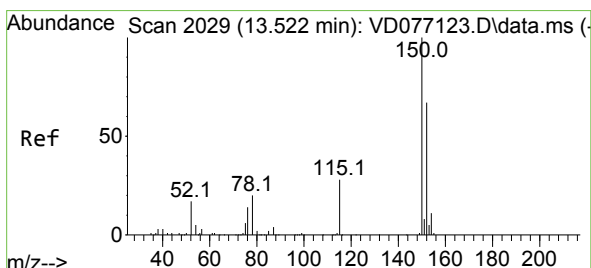
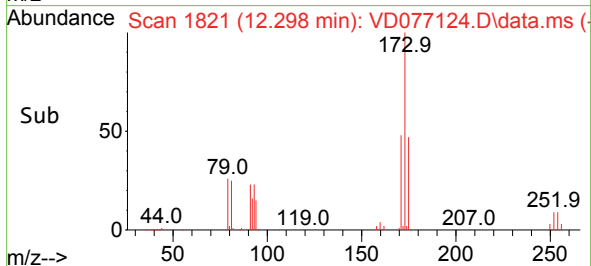
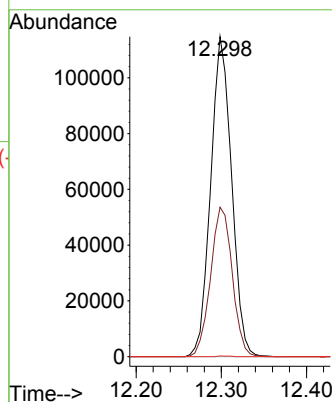
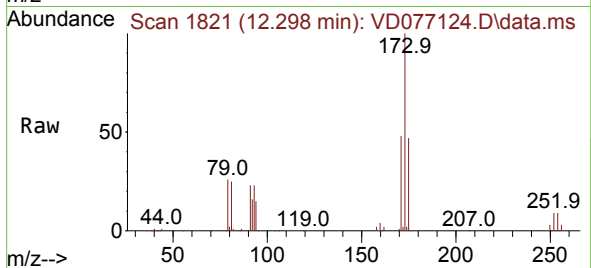
Tgt Ion:173 Resp: 195379

Ion Ratio Lower Upper

173 100

175 48.4 24.6 73.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

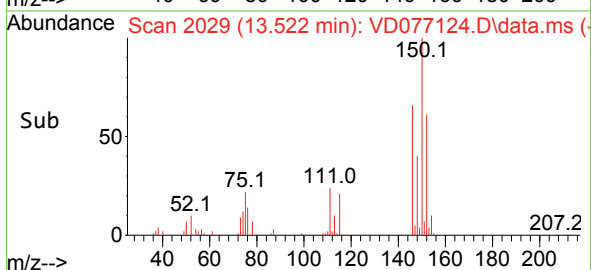
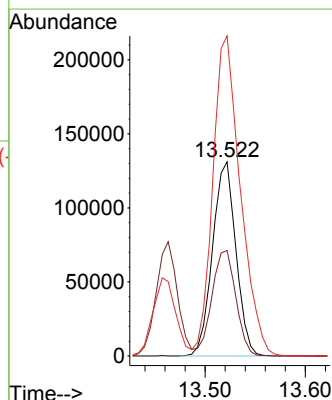
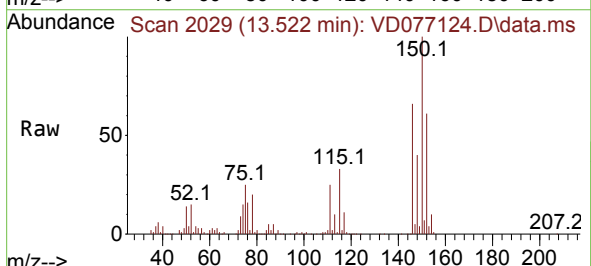
Tgt Ion:152 Resp: 212205

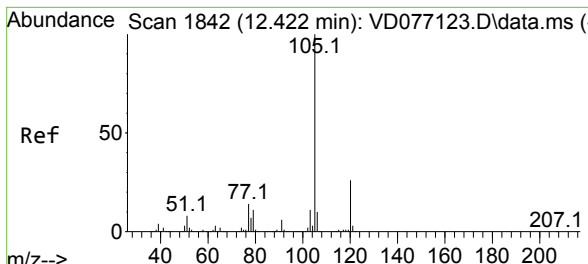
Ion Ratio Lower Upper

152 100

115 56.1 27.1 81.3

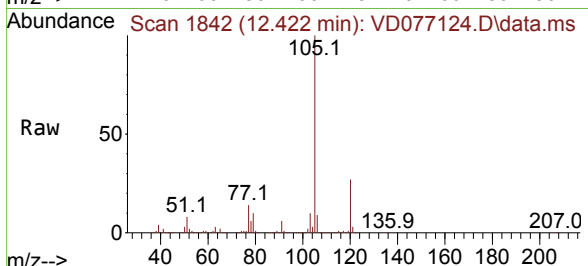
150 194.2 0.0 353.6



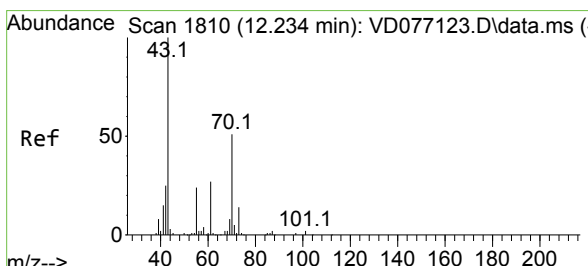
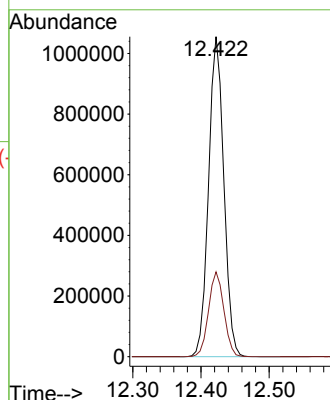
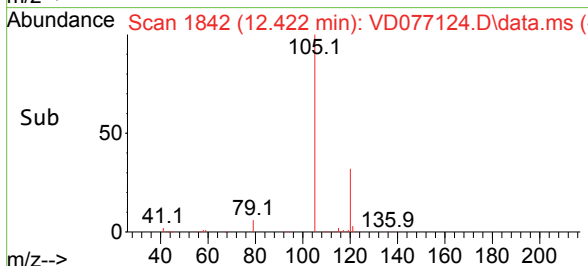


#73
Isopropylbenzene
Concen: 104.691 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Instrument :
MSVOA_D
ClientSampleId :

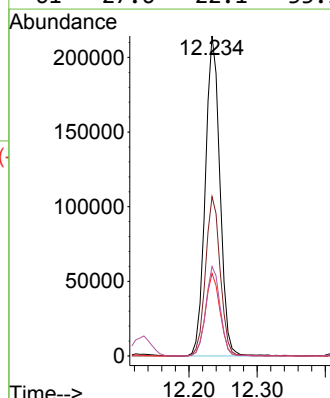
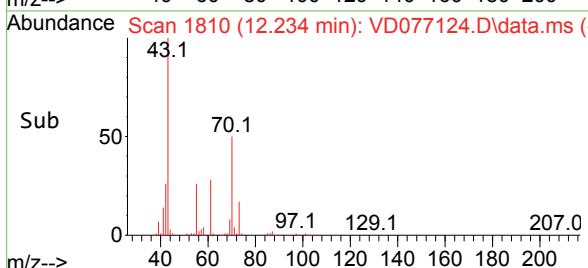
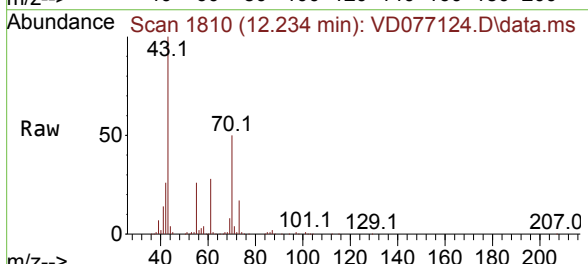


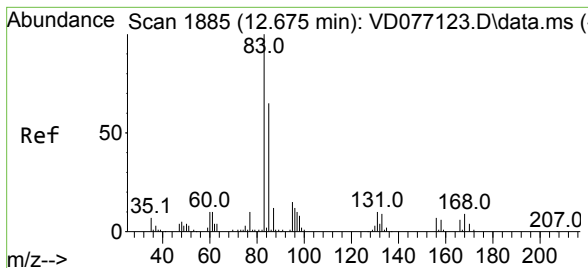
Tgt Ion:105 Resp: 1641542
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9



#74
N-ethyl acetate
Concen: 108.626 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 43 Resp: 319947
Ion Ratio Lower Upper
43 100
70 50.1 45.0 67.4
55 25.9 23.8 35.6
61 27.6 22.1 33.1

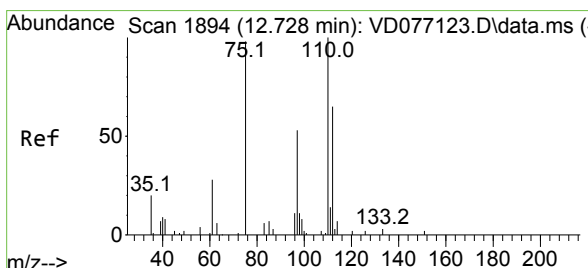
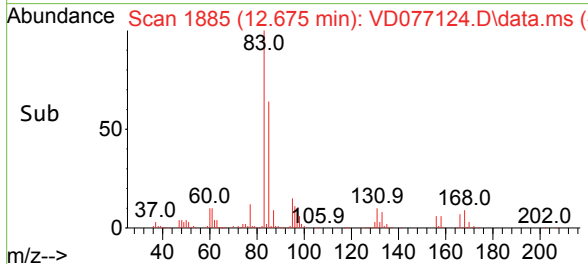
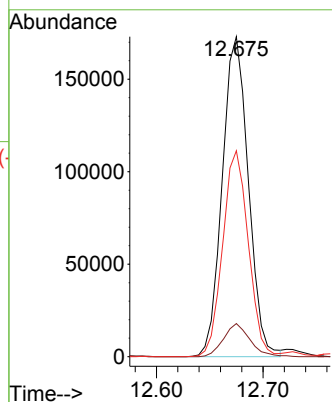
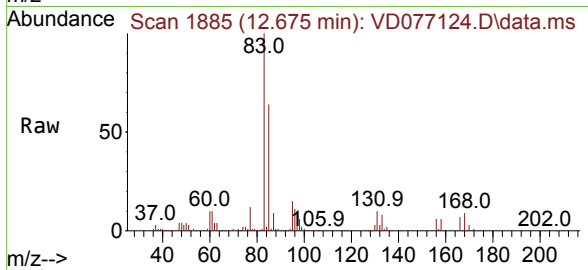




#75
1,1,2,2-Tetrachloroethane
Concen: 99.381 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

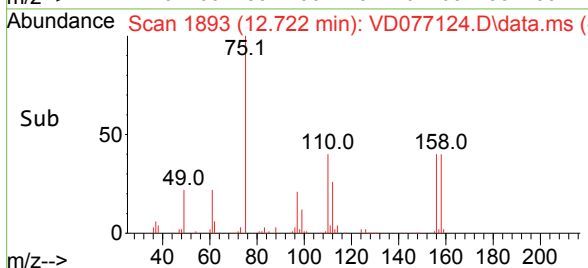
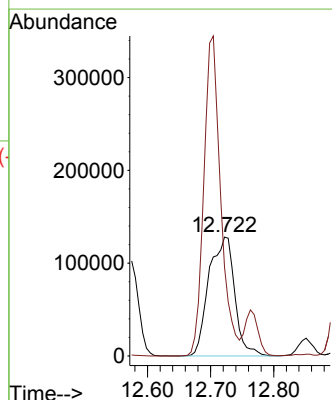
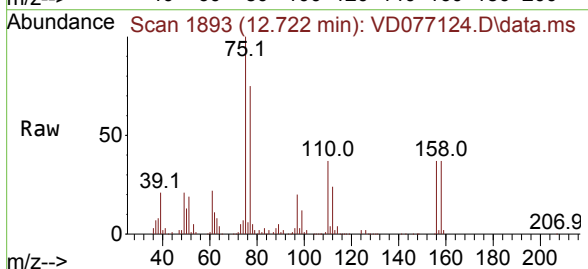
Instrument :
MSVOA_D
ClientSampleId :

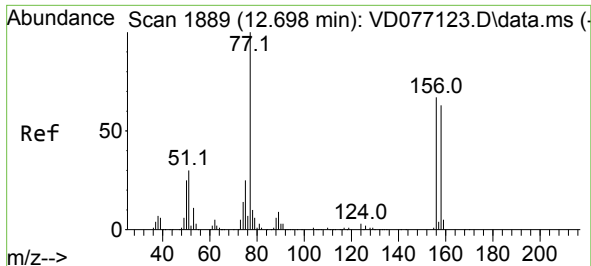
Tgt Ion	Ratio	Lower	Upper
83	100		
131	10.5	5.1	15.3
85	63.2	32.6	97.8



#76
1,2,3-Trichloropropane
Concen: 207.881 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	175.9	0.0	0.0#

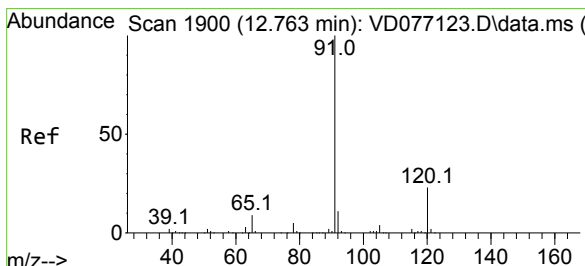
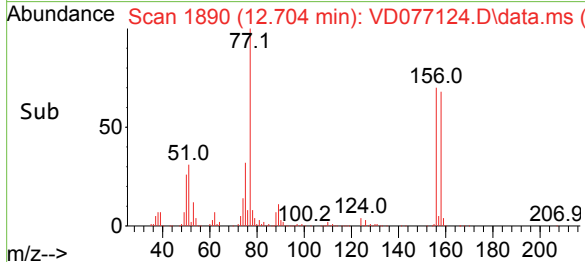
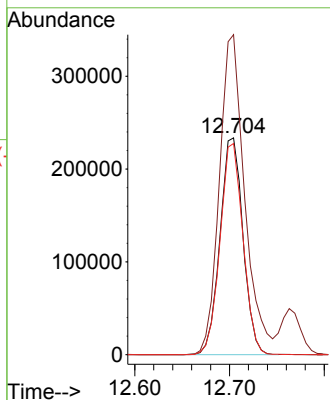
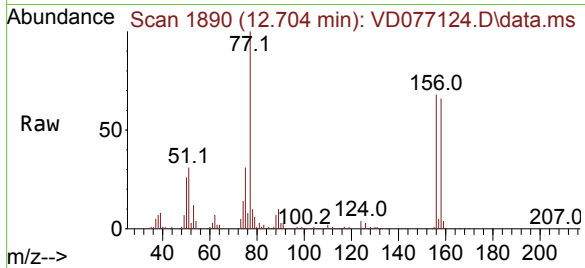




#77
Bromobenzene
Concen: 101.094 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

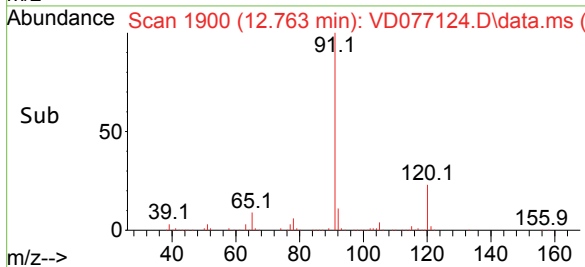
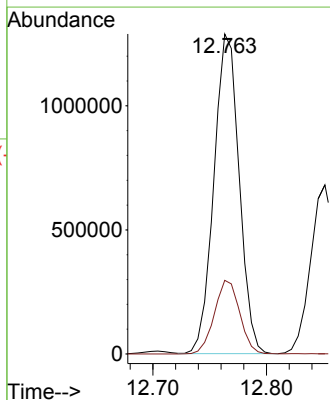
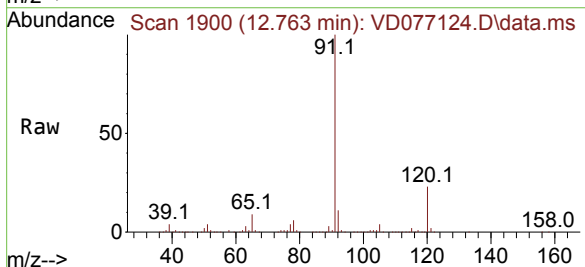
Instrument :
MSVOA_D
ClientSampleId :

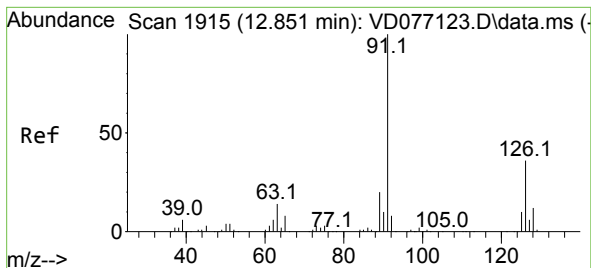
Tgt Ion:156 Resp: 394698
Ion Ratio Lower Upper
156 100
77 162.3 76.8 230.4
158 97.2 48.6 145.9



#78
n-propylbenzene
Concen: 103.940 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 91 Resp: 1992102
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.2





#79

2-Chlorotoluene

Concen: 102.601 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

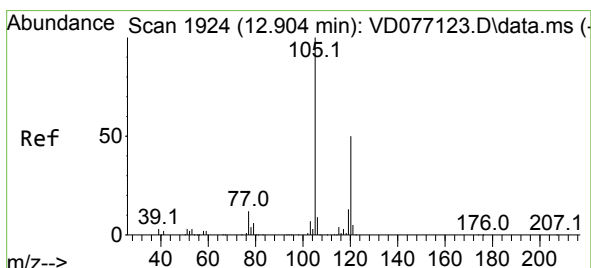
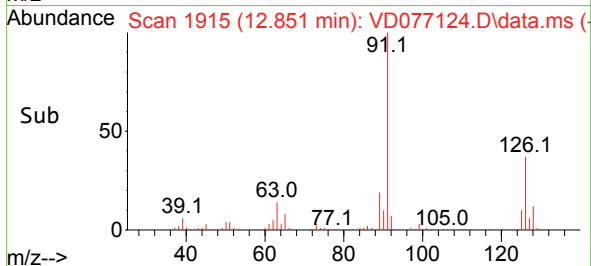
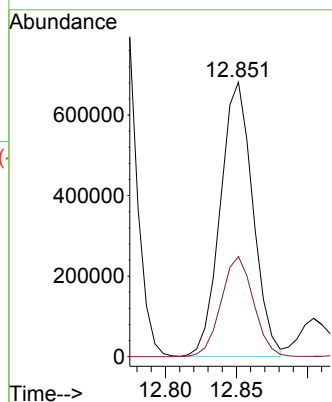
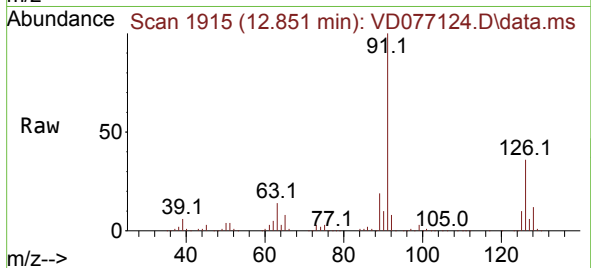
ClientSampleId :

Tgt Ion: 91 Resp: 1084390

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 105.216 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077124.D

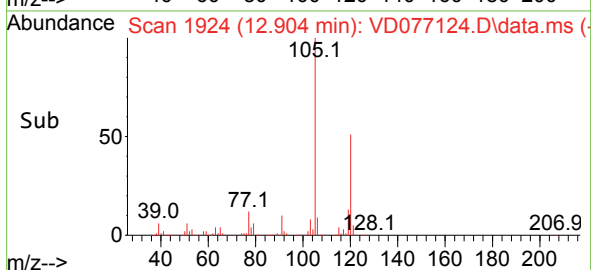
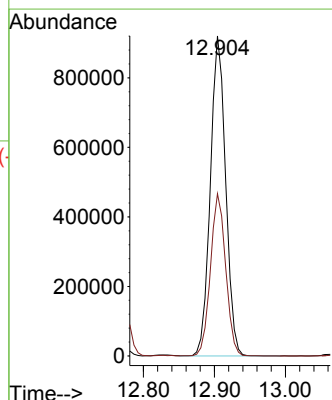
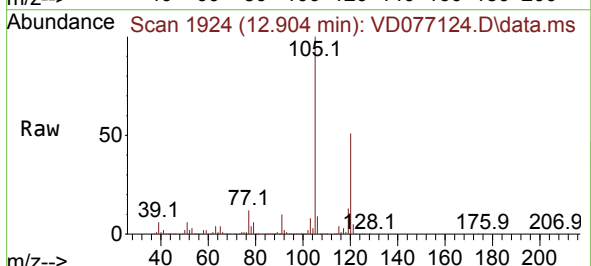
Acq: 18 Sep 2023 12:14

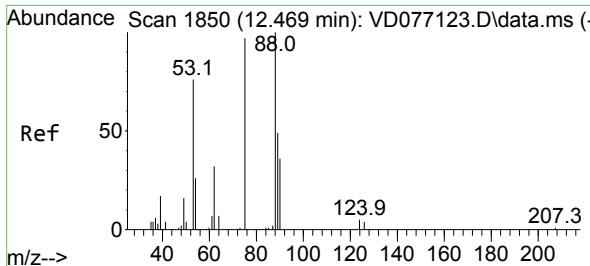
Tgt Ion:105 Resp: 1377810

Ion Ratio Lower Upper

105 100

120 50.4 26.4 79.2

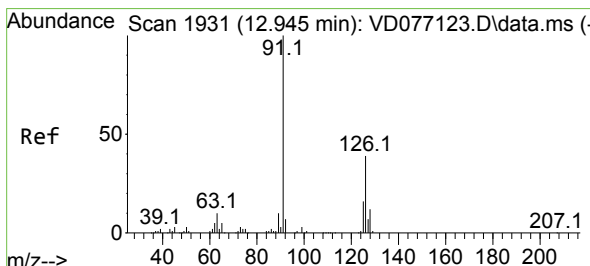
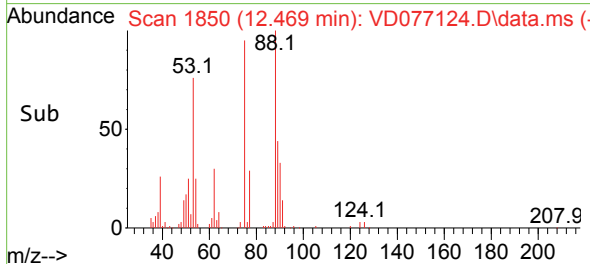
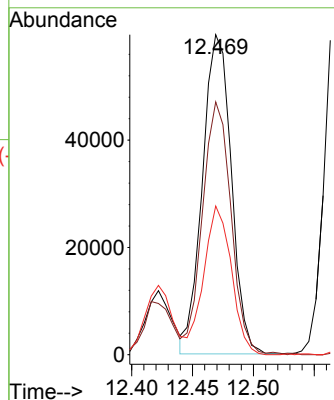
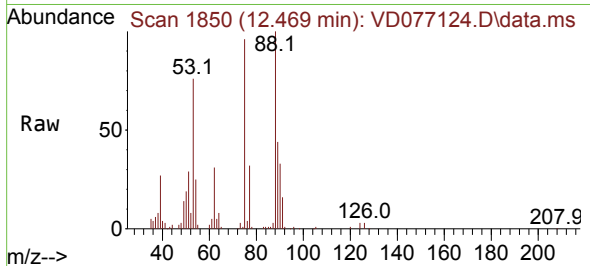




#81
trans-1,4-Dichloro-2-butene
Concen: 109.479 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

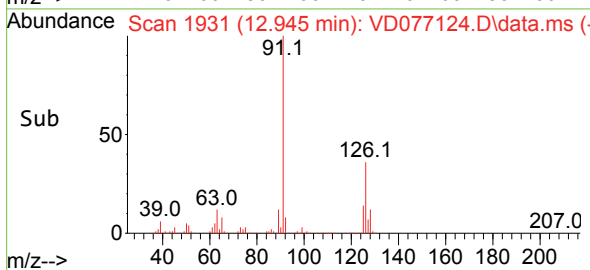
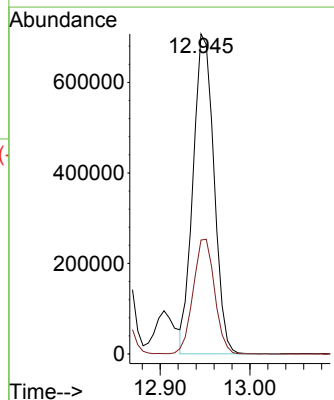
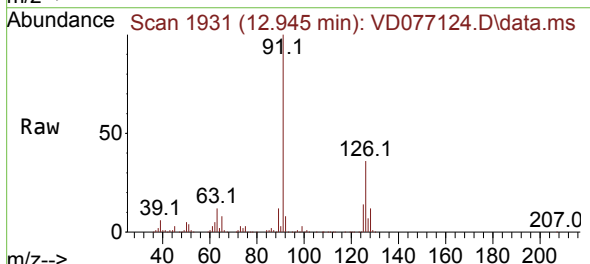
Instrument :
MSVOA_D
ClientSampleId :

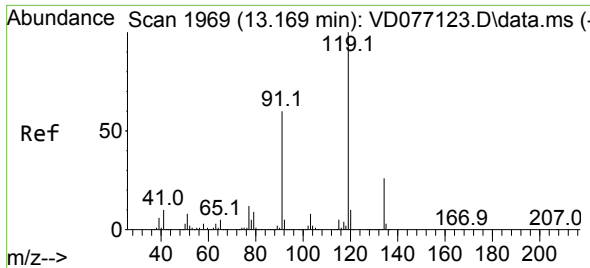
Tgt Ion: 75 Resp: 97906
Ion Ratio Lower Upper
75 100
53 79.1 63.0 94.4
89 44.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 102.562 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

Tgt Ion: 91 Resp: 1139257
Ion Ratio Lower Upper
91 100
126 37.0 19.4 58.4

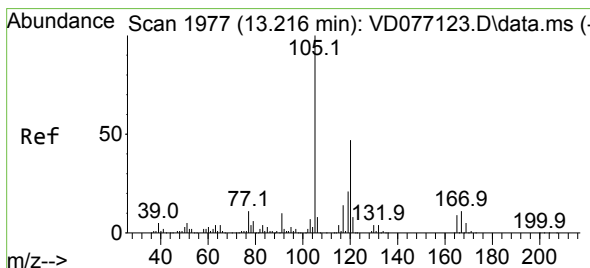
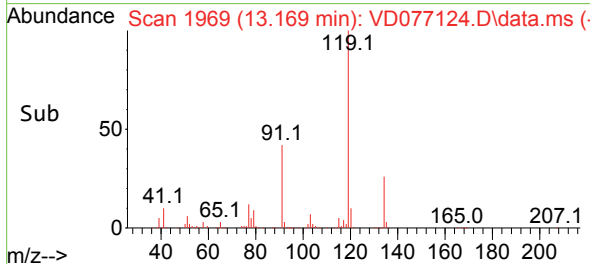
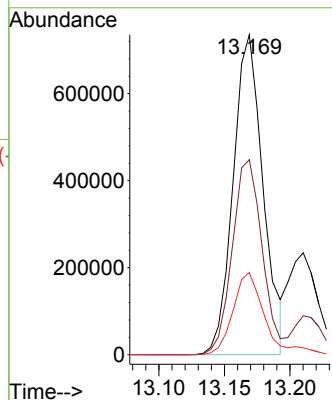
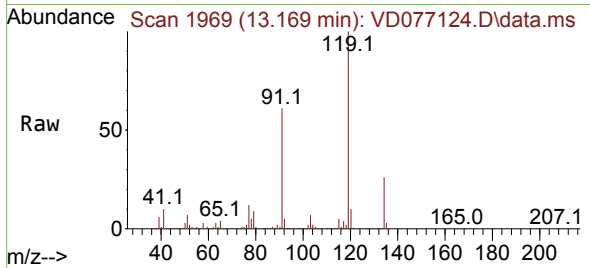




#83
 tert-Butylbenzene
 Concen: 104.211 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

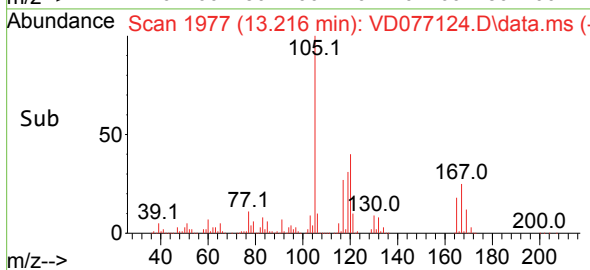
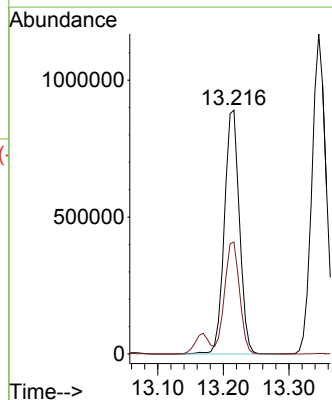
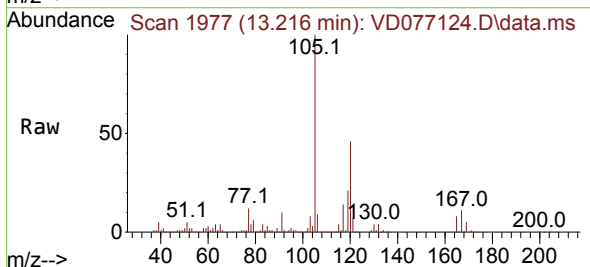
Instrument :
 MSVOA_D
 ClientSampleId :

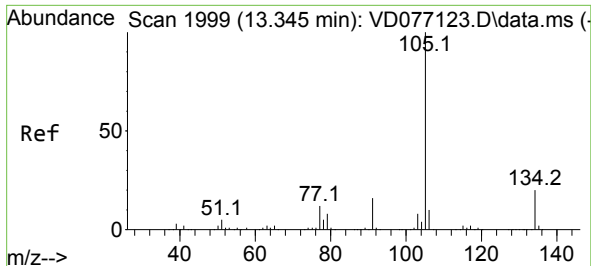
Tgt Ion:119 Resp: 1165892
 Ion Ratio Lower Upper
 119 100
 91 60.6 29.3 87.8
 134 27.3 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 106.639 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion:105 Resp: 1416008
 Ion Ratio Lower Upper
 105 100
 120 45.6 24.3 72.9

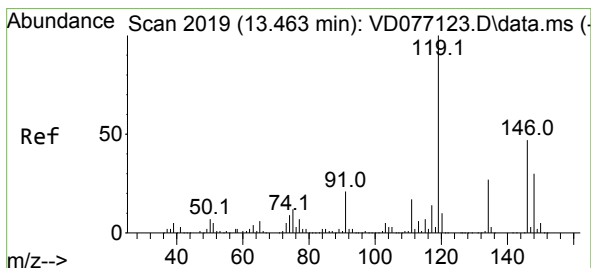
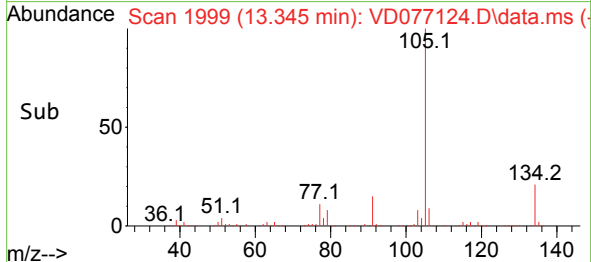
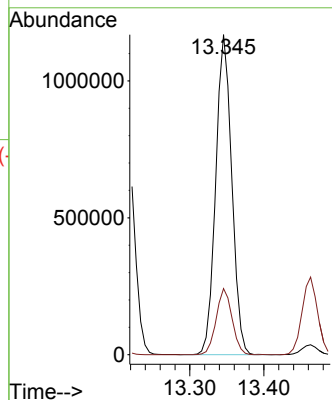
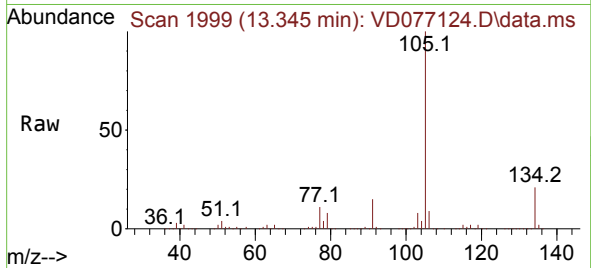




#85
 sec-Butylbenzene
 Concen: 104.562 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

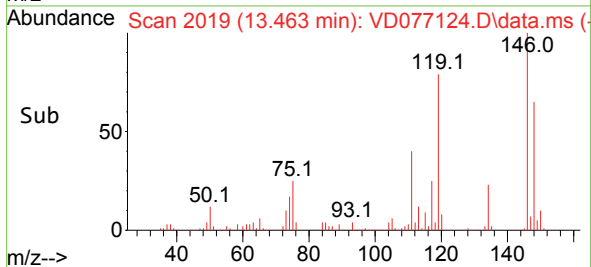
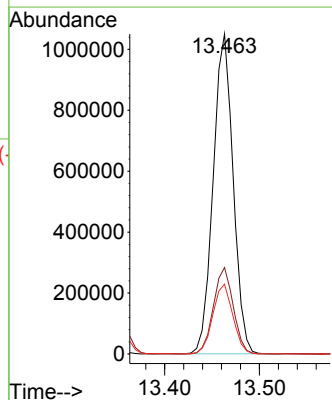
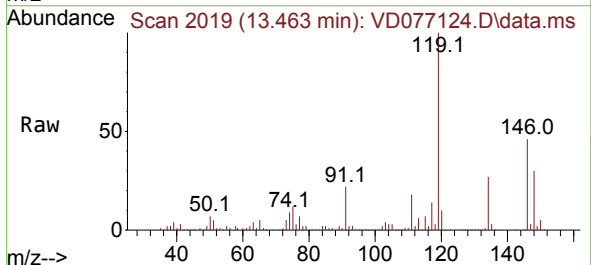
Instrument :
 MSVOA_D
 ClientSampleId :

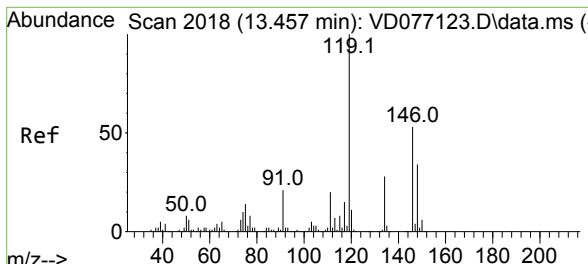
Tgt Ion:105 Resp: 1755400
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 107.792 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion:119 Resp: 1535175
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 21.8 10.5 31.5

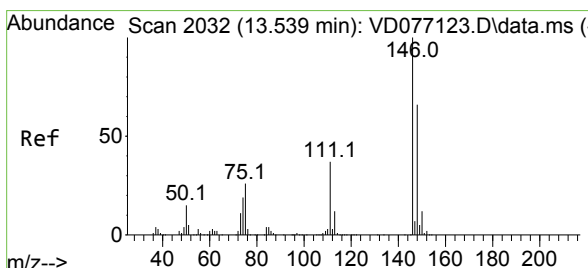
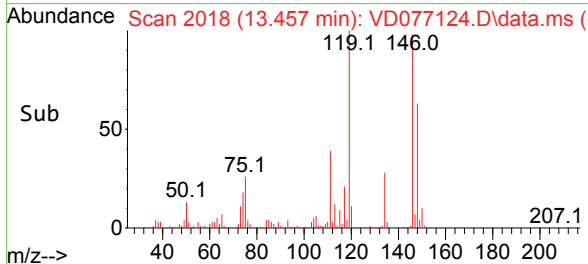
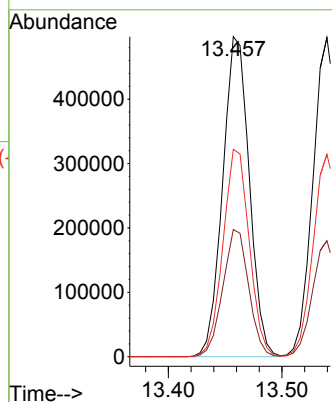
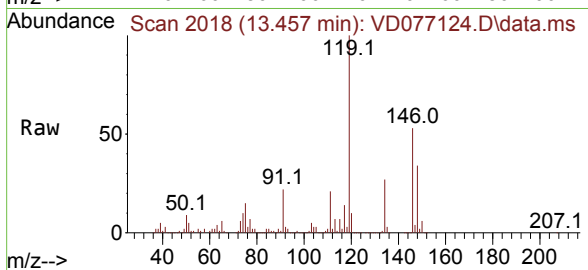




#87
 1,3-Dichlorobenzene
 Concen: 100.751 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

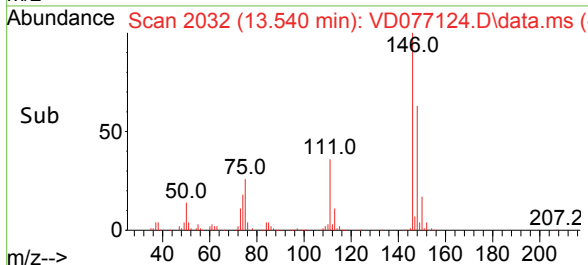
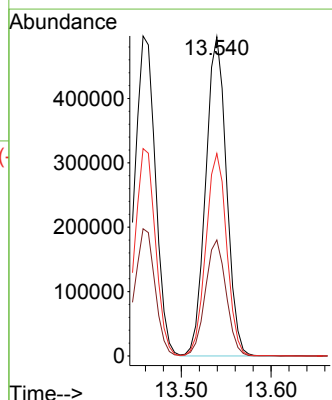
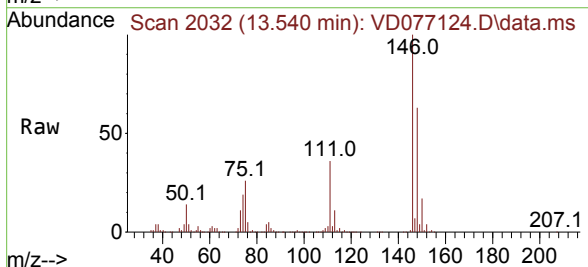
Instrument :
 MSVOA_D
 ClientSampleId :

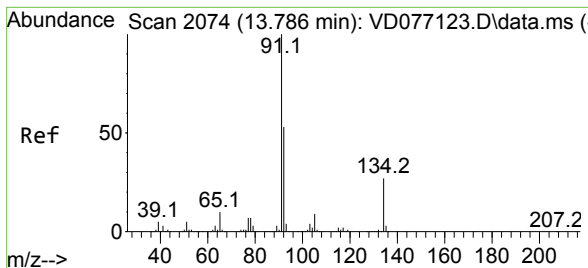
Tgt Ion:146 Resp: 808968
 Ion Ratio Lower Upper
 146 100
 111 38.7 17.9 53.8
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 100.951 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion:146 Resp: 797520
 Ion Ratio Lower Upper
 146 100
 111 36.3 17.4 52.3
 148 63.5 31.7 95.1

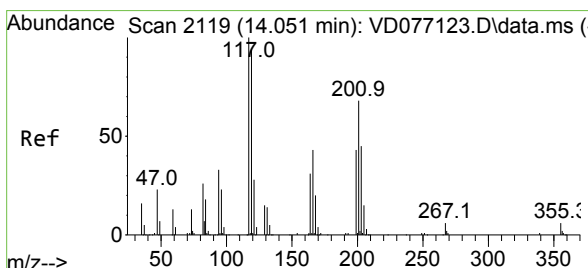
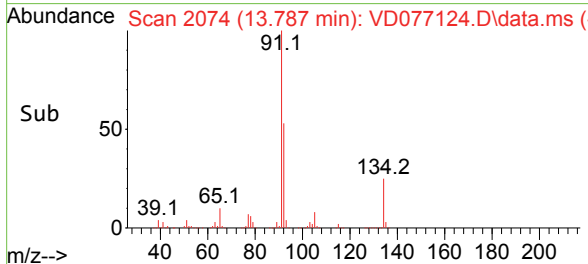
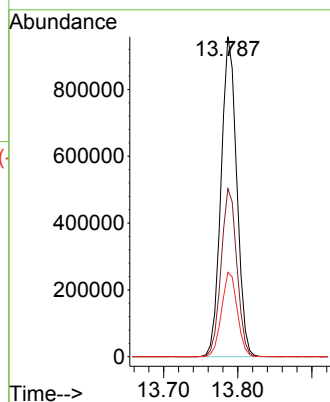
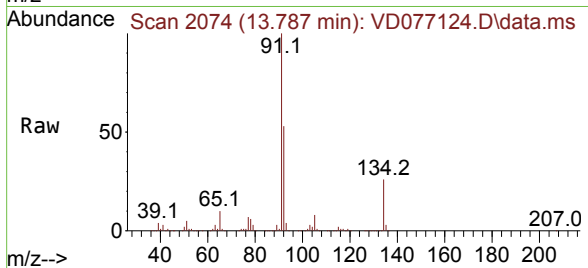




#89
n-Butylbenzene
Concen: 107.087 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

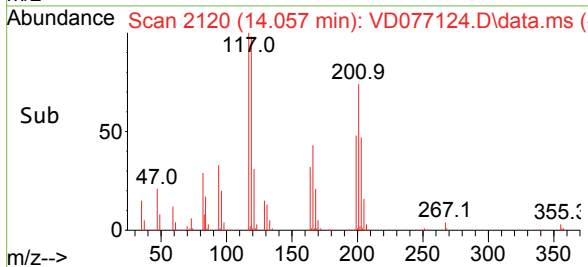
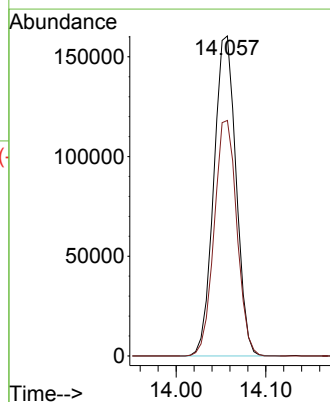
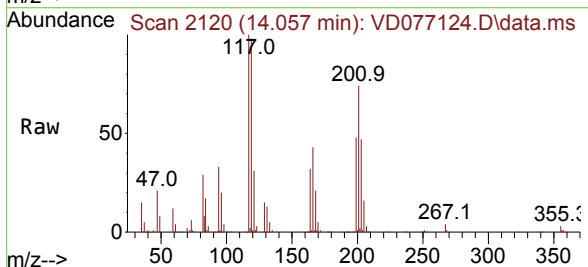
Instrument :
MSVOA_D
ClientSampleId :

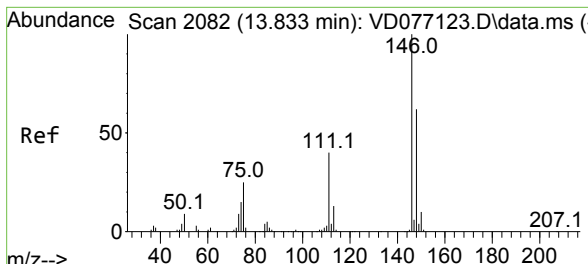
Tgt Ion: 91 Resp: 1406922
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 26.4 13.8 41.3



#90
Hexachloroethane
Concen: 97.963 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077124.D
Acq: 18 Sep 2023 12:14

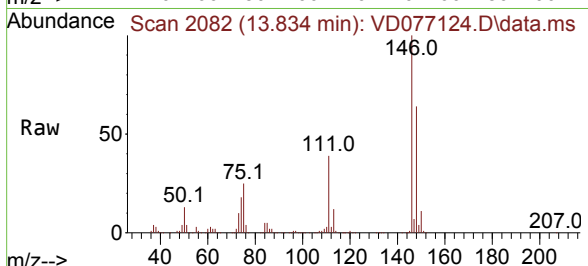
Tgt Ion: 117 Resp: 276695
Ion Ratio Lower Upper
117 100
201 74.9 38.5 115.5



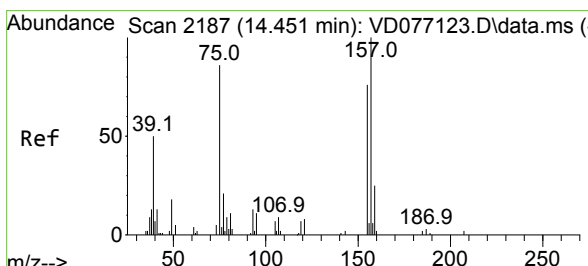
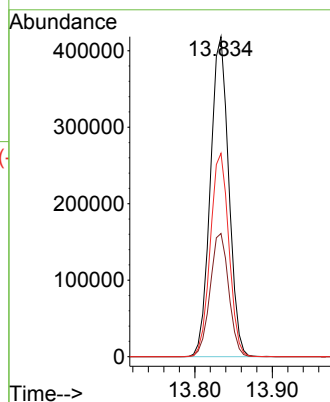
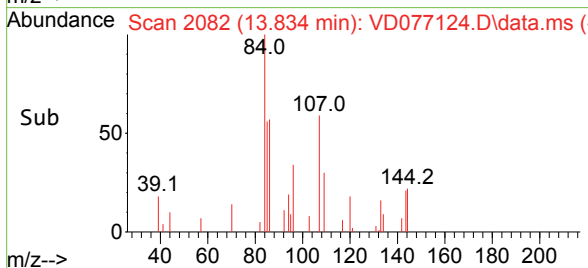


#91
 1,2-Dichlorobenzene
 Concen: 100.024 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Instrument :
 MSVOA_D
 ClientSampleId :

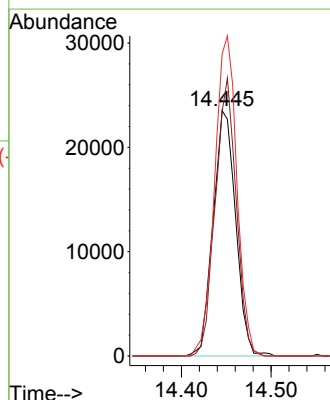
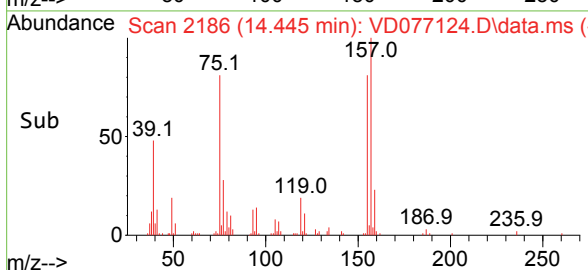
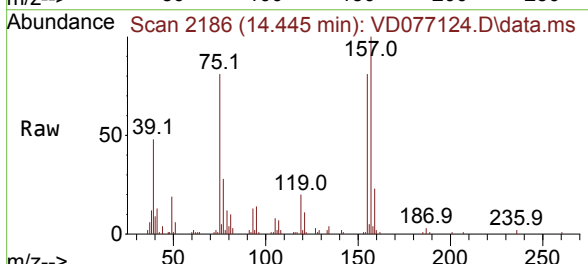


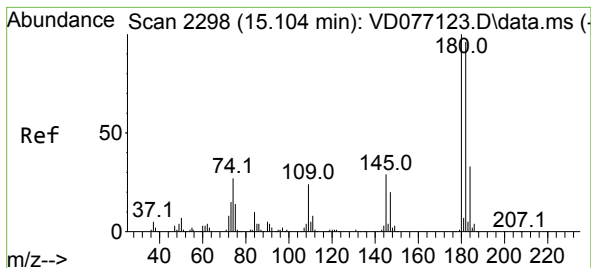
Tgt Ion:146 Resp: 688603
 Ion Ratio Lower Upper
 146 100
 111 39.0 18.3 54.8
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 103.814 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077124.D
 Acq: 18 Sep 2023 12:14

Tgt Ion: 75 Resp: 41018
 Ion Ratio Lower Upper
 75 100
 155 105.1 47.9 143.8
 157 128.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 109.968 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

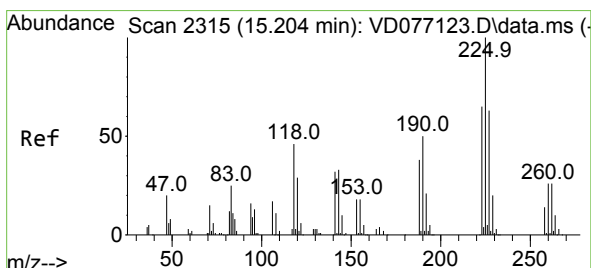
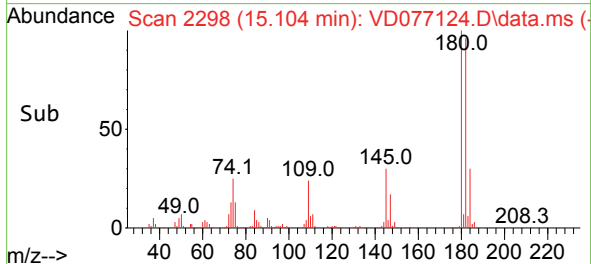
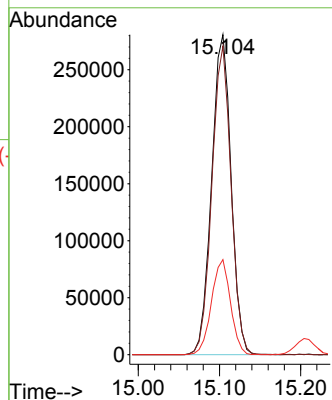
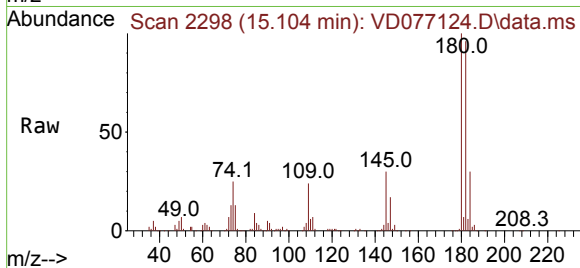
Tgt Ion:180 Resp: 467066

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 100.306 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

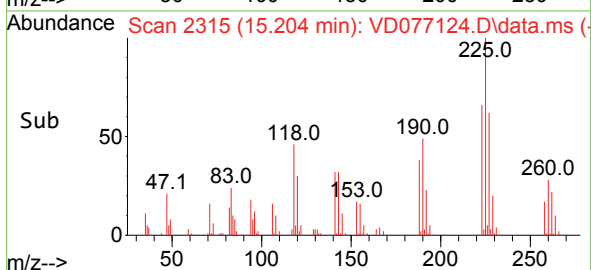
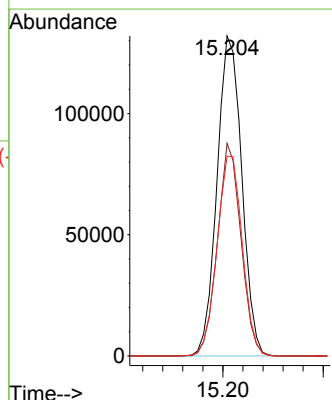
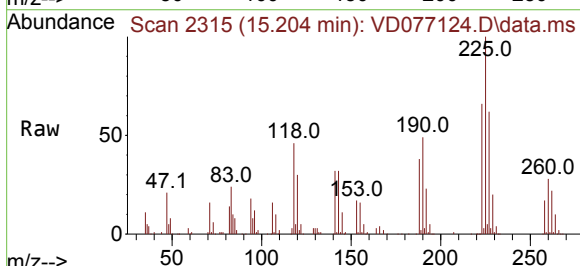
Tgt Ion:225 Resp: 225761

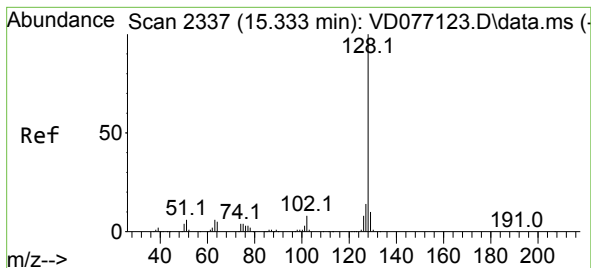
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.8

227 63.8 31.7 95.1





#95

Naphthalene

Concen: 111.288 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Instrument :

MSVOA_D

ClientSampleId :

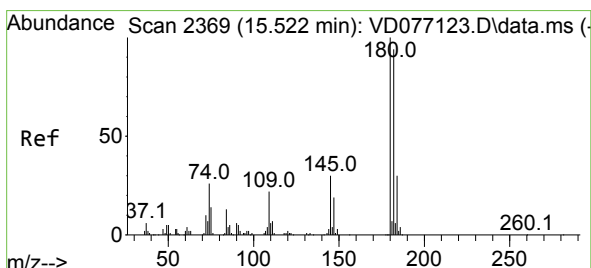
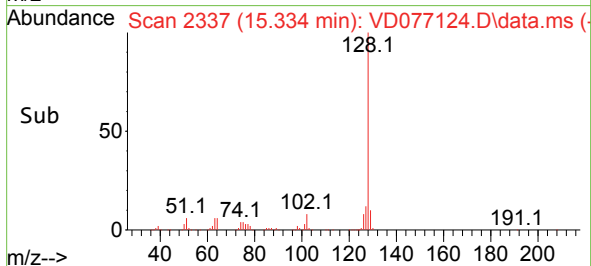
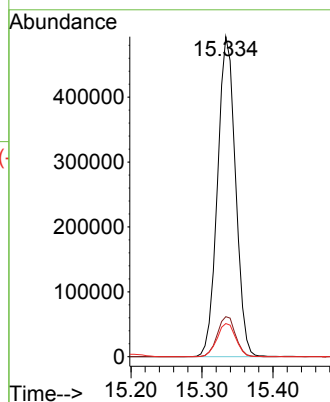
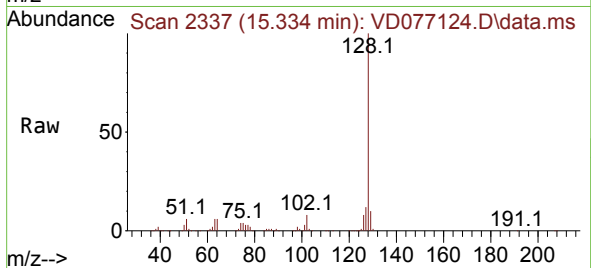
Tgt Ion:128 Resp: 866748

Ion Ratio Lower Upper

128 100

127 12.5 10.5 15.7

129 10.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 106.827 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077124.D

Acq: 18 Sep 2023 12:14

Tgt Ion:180 Resp: 403293

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.9

145 31.3 15.1 45.3

