

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077127.D
 Acq On : 18 Sep 2023 13:37
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 04:54:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	240351	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	407855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	396221	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206688	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	123114	50.755	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.520%	
35) Dibromofluoromethane	7.805	113	139399	49.207	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.420%	
50) Toluene-d8	10.269	98	513286	50.903	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.575	95	160905	51.484	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.960%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	104982	42.266	ug/l	98
3) Chloromethane	2.146	50	212736	46.333	ug/l	98
4) Vinyl Chloride	2.281	62	231760	47.188	ug/l	100
5) Bromomethane	2.687	94	142029	39.705	ug/l	98
6) Chloroethane	2.834	64	125317	41.006	ug/l	97
7) Trichlorofluoromethane	3.170	101	168628	37.986	ug/l	97
8) Diethyl Ether	3.593	74	63724	44.476	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.970	101	111164	40.052	ug/l	96
10) Methyl Iodide	4.158	142	200355	50.506	ug/l	92
11) Tert butyl alcohol	5.064	59	36208	261.809	ug/l #	92
12) 1,1-Dichloroethene	3.934	96	123354	44.118	ug/l	93
13) Acrolein	3.793	56	19866	213.044	ug/l	100
14) Allyl chloride	4.558	41	173164	50.763	ug/l	94
15) Acrylonitrile	5.252	53	161148	268.224	ug/l	100
16) Acetone	4.017	43	133483	240.775	ug/l	93
17) Carbon Disulfide	4.264	76	441342	47.949	ug/l	99
18) Methyl Acetate	4.558	43	111457	53.167	ug/l	92
19) Methyl tert-butyl Ether	5.317	73	330021	54.548	ug/l	100
20) Methylene Chloride	4.799	84	184728	51.752	ug/l	92
21) trans-1,2-Dichloroethene	5.311	96	168960	49.991	ug/l	97
22) Diisopropyl ether	6.216	45	406572	52.715	ug/l	97
23) Vinyl Acetate	6.158	43	1019167	330.535	ug/l	93
24) 1,1-Dichloroethane	6.105	63	274511	49.590	ug/l	99
25) 2-Butanone	7.081	43	195121	267.525	ug/l	89
26) 2,2-Dichloropropane	7.075	77	233355	49.663	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	187747	49.414	ug/l	96
28) Bromochloromethane	7.428	49	80370	47.281	ug/l	89
29) Tetrahydrofuran	7.440	42	114111	267.632	ug/l	93
30) Chloroform	7.599	83	296999	49.783	ug/l	99
31) Cyclohexane	7.875	56	197100	46.446	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	246371	49.474	ug/l	98
36) 1,1-Dichloropropene	8.005	75	210177	49.263	ug/l	98
37) Ethyl Acetate	7.169	43	86138	52.624	ug/l	94
38) Carbon Tetrachloride	7.993	117	205288	48.956	ug/l	98
39) Methylcyclohexane	9.275	83	241021	49.099	ug/l	95
40) Benzene	8.252	78	668934	50.677	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	47041	53.843	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	165932	50.703	ug/l	98
43) Isopropyl Acetate	8.358	43	164399	54.549	ug/l	92
44) Trichloroethene	9.028	130	177702	48.641	ug/l	97
45) 1,2-Dichloropropane	9.305	63	161225	50.287	ug/l	99
46) Dibromomethane	9.393	93	94617	50.786	ug/l	97
47) Bromodichloromethane	9.587	83	228235	50.694	ug/l	99
48) Methyl methacrylate	9.381	41	78817	57.554	ug/l	83
49) 1,4-Dioxane	9.393	88	18128	1077.967	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	421883	267.662	ug/l	93
52) Toluene	10.334	92	434296	51.430	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	221066	52.558	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	261568	51.905	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	129679	51.176	ug/l	97
56) Ethyl methacrylate	10.599	69	150578	55.312	ug/l #	89
57) 1,3-Dichloropropane	10.881	76	210328	51.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	374908	264.612	ug/l	99
59) 2-Hexanone	10.922	43	308225	272.548	ug/l	91
60) Dibromochloromethane	11.075	129	158934	51.209	ug/l	96
61) 1,2-Dibromoethane	11.181	107	127156	51.907	ug/l	99
64) Tetrachloroethene	10.810	164	148138	48.054	ug/l	91
65) Chlorobenzene	11.610	112	460751	49.432	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	167353	49.077	ug/l	97
67) Ethyl Benzene	11.681	91	805923	50.304	ug/l	95
68) m/p-Xylenes	11.793	106	651801	101.610	ug/l	93
69) o-Xylene	12.122	106	301817	51.261	ug/l	91
70) Styrene	12.134	104	532834	53.119	ug/l	98
71) Bromoform	12.299	173	96361	50.979	ug/l #	98
73) Isopropylbenzene	12.422	105	764402	50.052	ug/l	97
74) N-amyl acetate	12.234	43	148612	51.803	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	143692	49.857	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	176298	106.932	ug/l #	100
77) Bromobenzene	12.698	156	190164	50.007	ug/l	94
78) n-propylbenzene	12.763	91	935162	50.096	ug/l	97
79) 2-Chlorotoluene	12.851	91	510718	49.612	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	645187	50.585	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	44833	51.471	ug/l	96
82) 4-Chlorotoluene	12.946	91	548868	50.731	ug/l	95
83) tert-Butylbenzene	13.169	119	548831	50.366	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	655155	50.657	ug/l	96
85) sec-Butylbenzene	13.346	105	826500	50.545	ug/l	96
86) p-Isopropyltoluene	13.463	119	706270	50.914	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	387140	49.502	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	376847	48.975	ug/l	97
89) n-Butylbenzene	13.787	91	646893	50.552	ug/l	98
90) Hexachloroethane	14.051	117	131528	47.810	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	332536	49.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20187	52.456	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	214586	51.871	ug/l	98
94) Hexachlorobutadiene	15.204	225	106144	48.419	ug/l	99
95) Naphthalene	15.334	128	411015	54.182	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	191175	51.991	ug/l	100

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QLast Update : Tue Sep 19 04:46:37 2023
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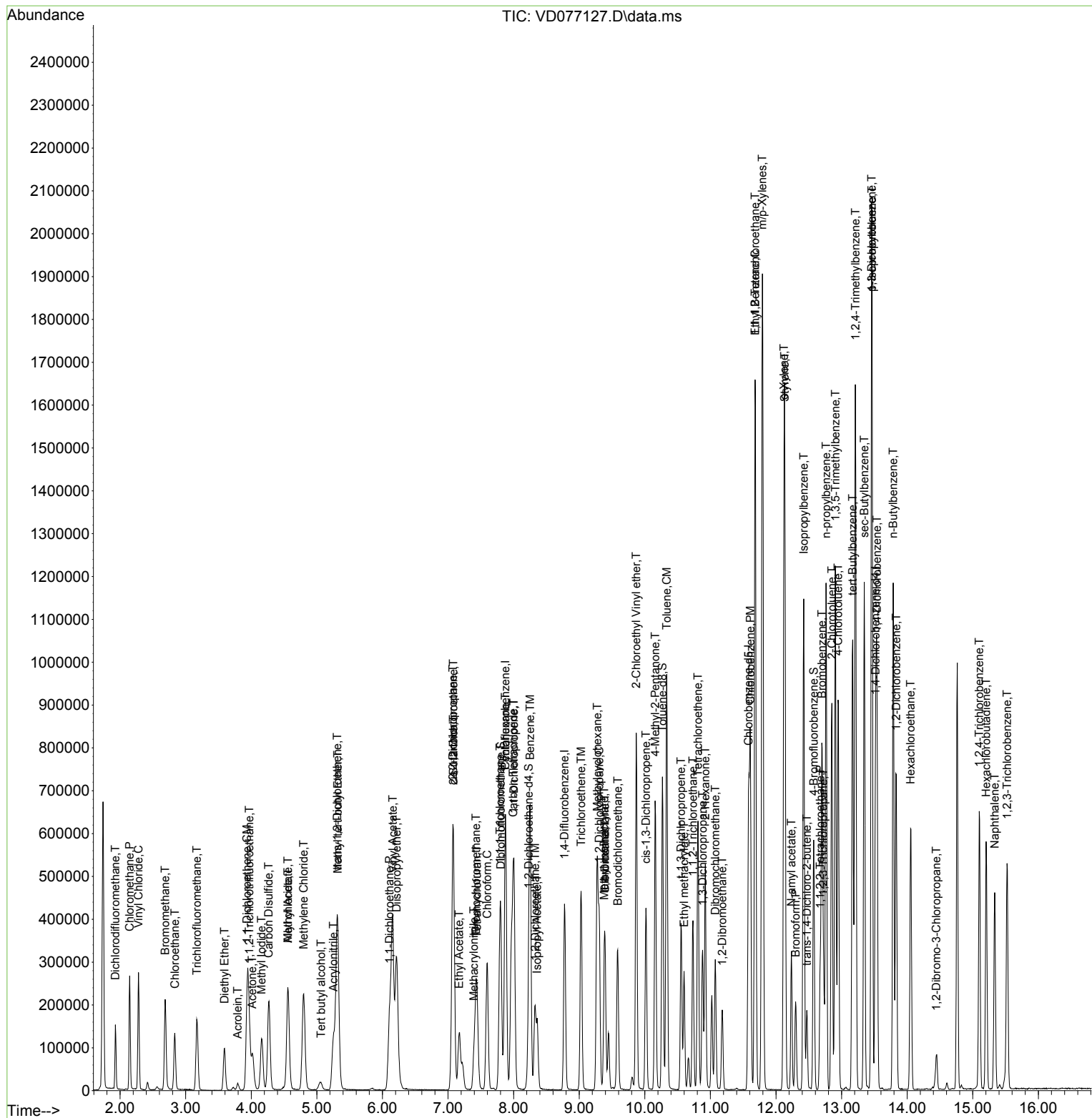
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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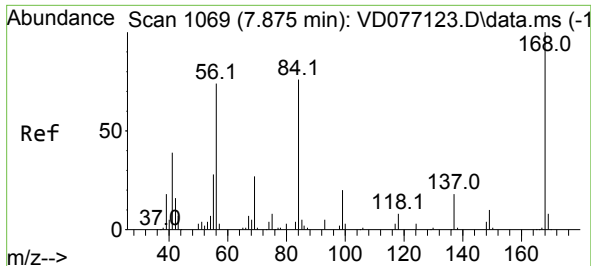
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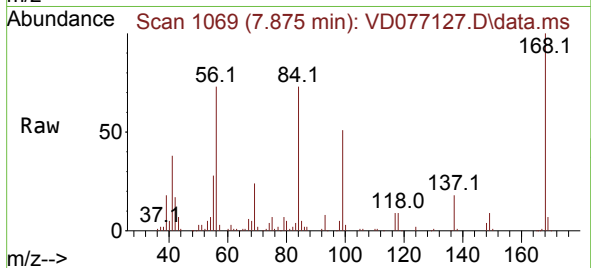
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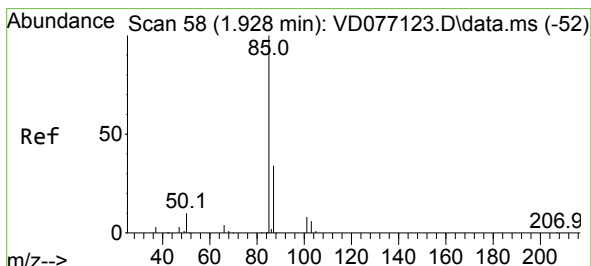
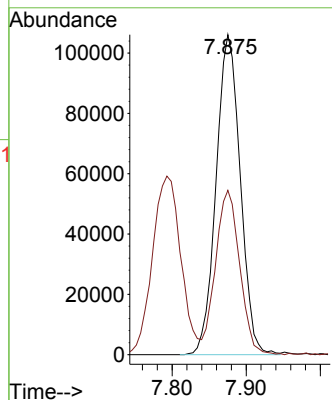
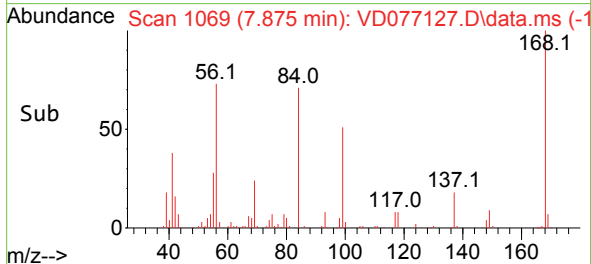


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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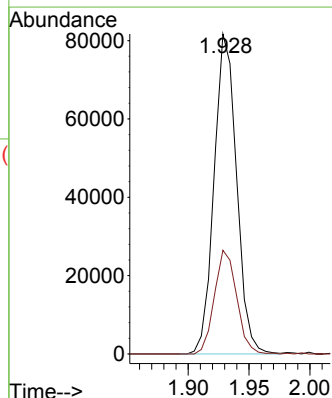
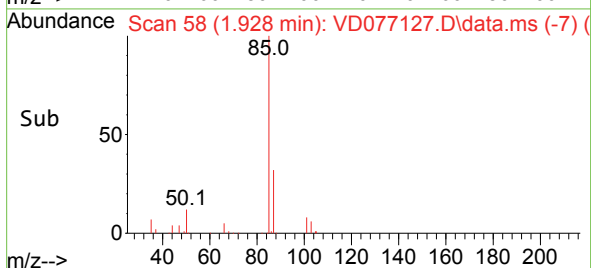
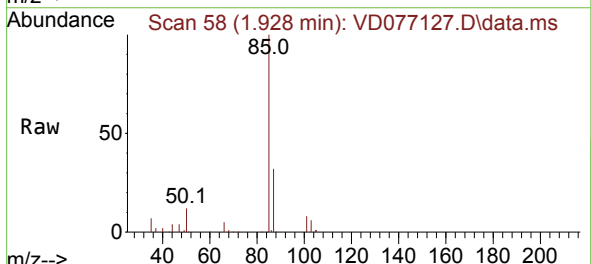


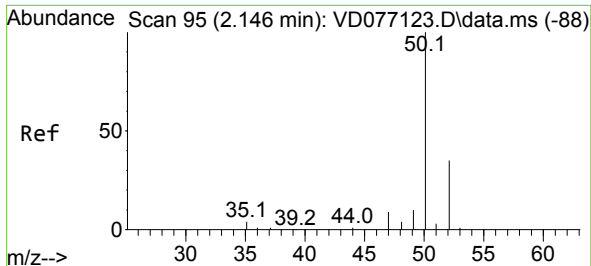
Tgt Ion:168 Resp: 240351
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 42.266 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

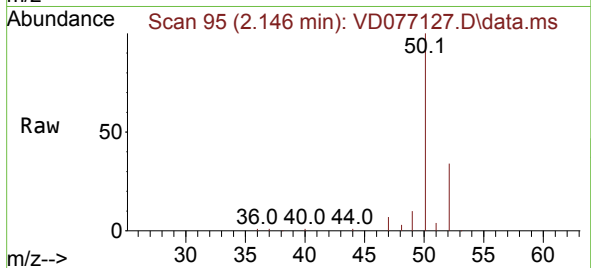
Tgt Ion: 85 Resp: 104982
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0



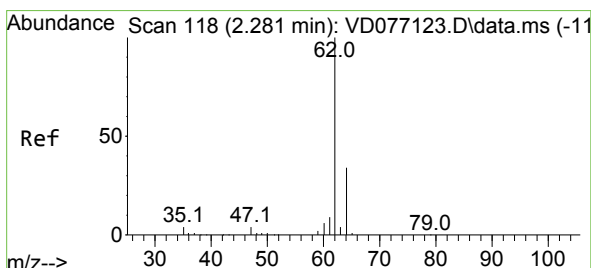
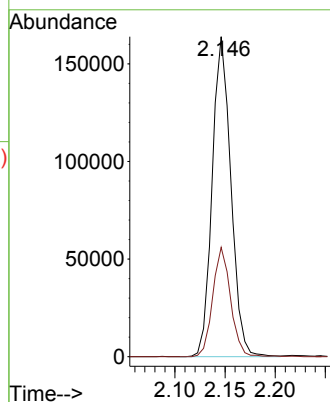
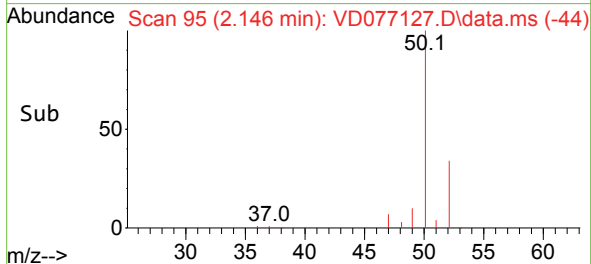


#3
Chloromethane
Concen: 46.333 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

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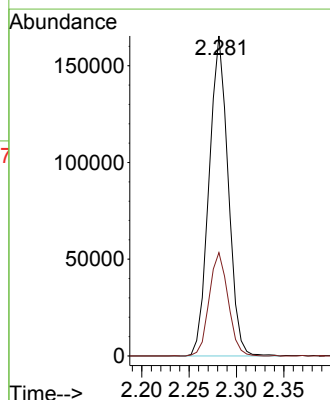
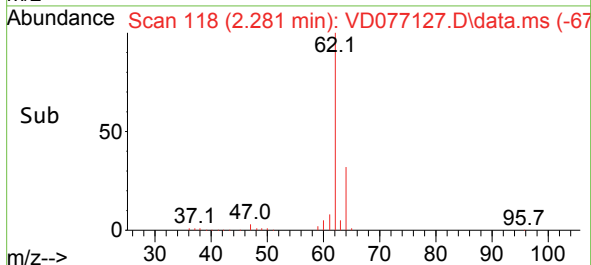
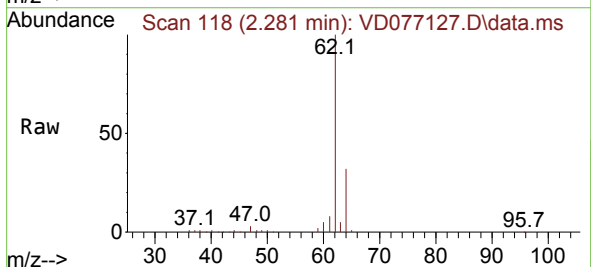


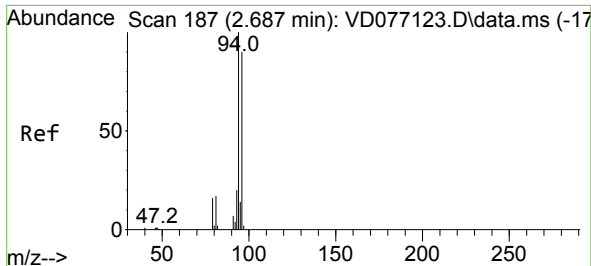
Tgt Ion: 50 Resp: 212736
Ion Ratio Lower Upper
50 100
52 34.2 26.6 40.0



#4
Vinyl Chloride
Concen: 47.188 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 62 Resp: 231760
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

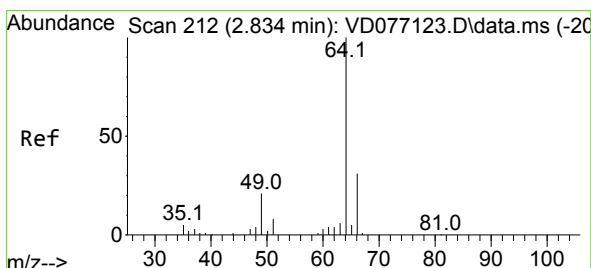
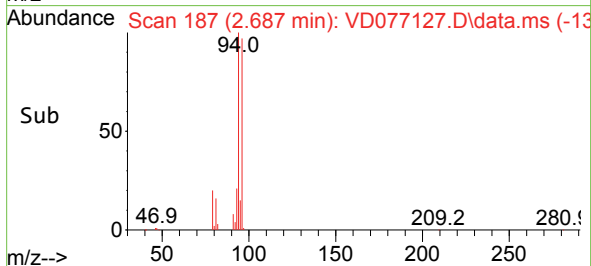
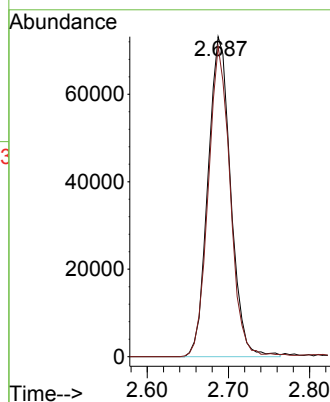
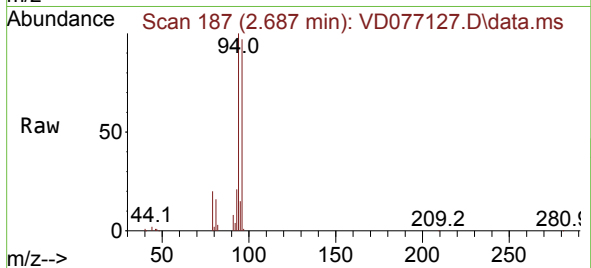




#5
Bromomethane
Concen: 39.705 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

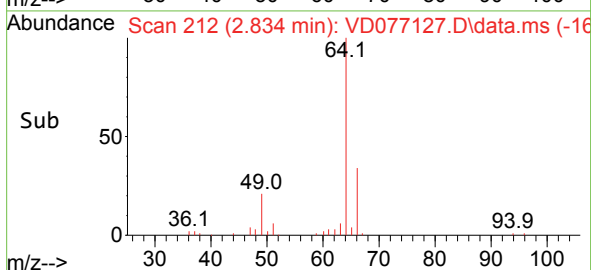
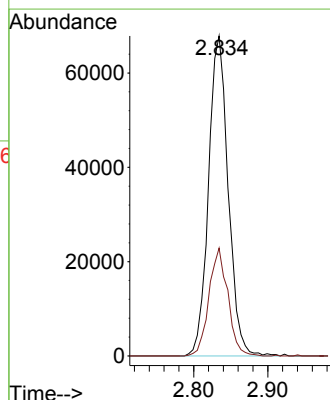
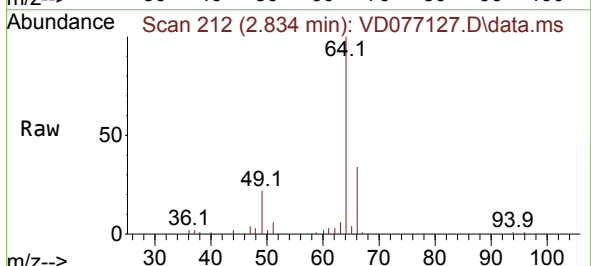
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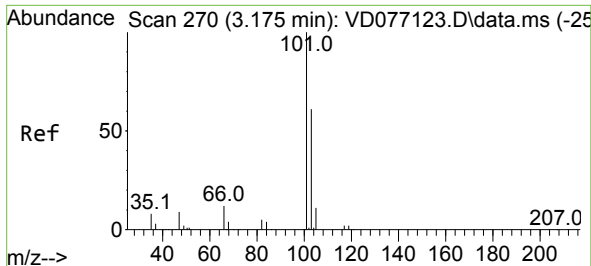
Tgt Ion: 94 Resp: 142029
Ion Ratio Lower Upper
94 100
96 93.1 75.8 113.8



#6
Chloroethane
Concen: 41.006 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 64 Resp: 125317
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3

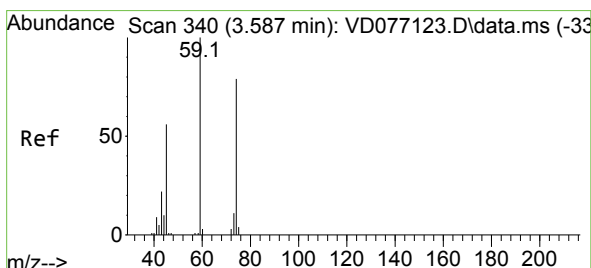
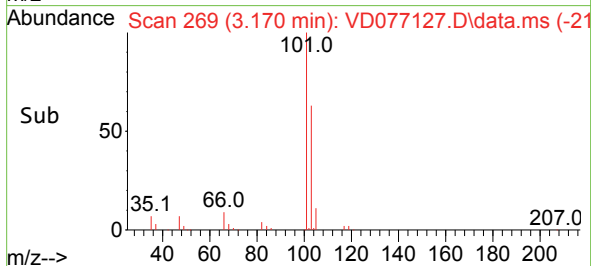
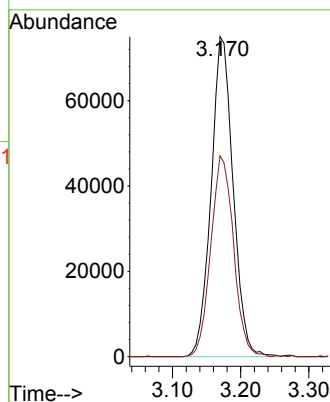
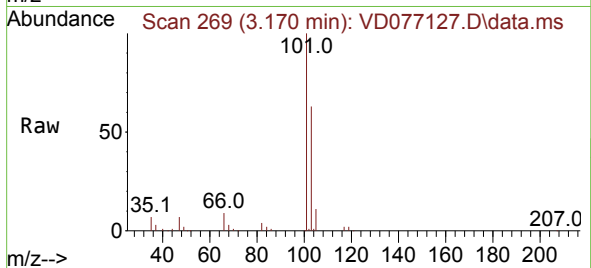




#7
 Trichlorofluoromethane
 Concen: 37.986 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

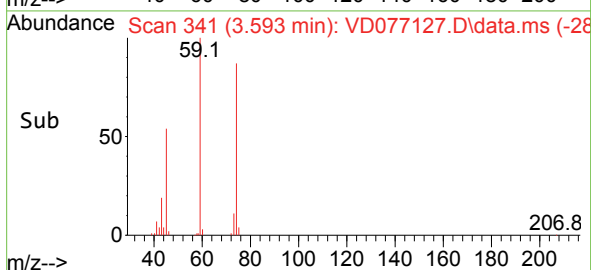
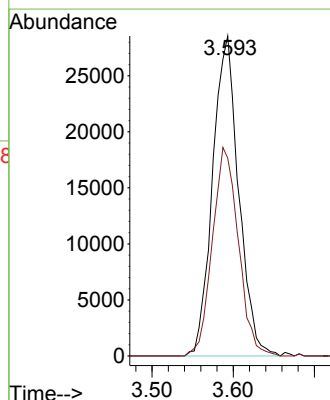
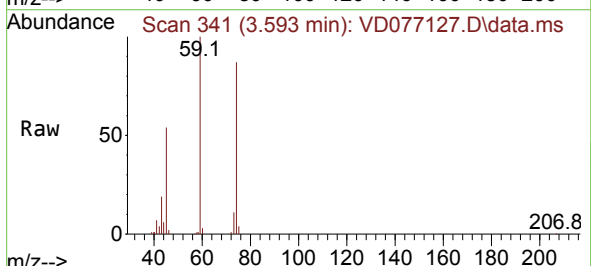
Instrument :
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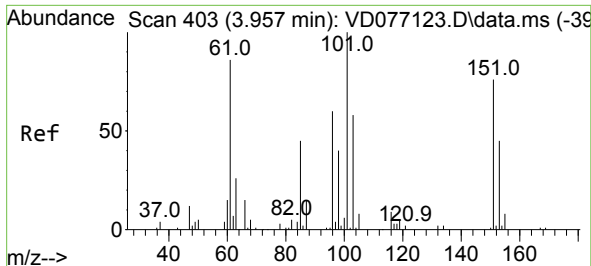
Tgt Ion:101 Resp: 168628
 Ion Ratio Lower Upper
 101 100
 103 62.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 44.476 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077127.D
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Tgt Ion: 74 Resp: 63724
 Ion Ratio Lower Upper
 74 100
 45 65.0 37.5 112.7

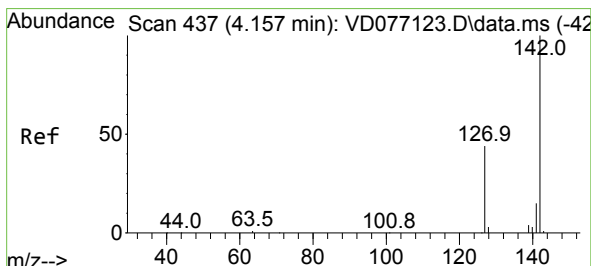
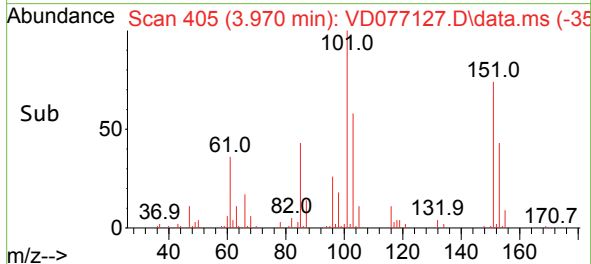
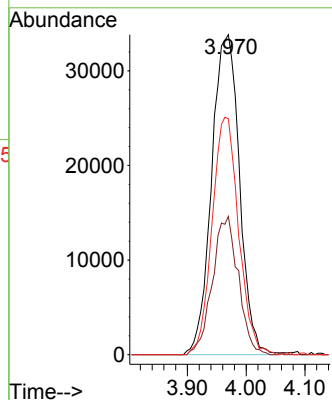
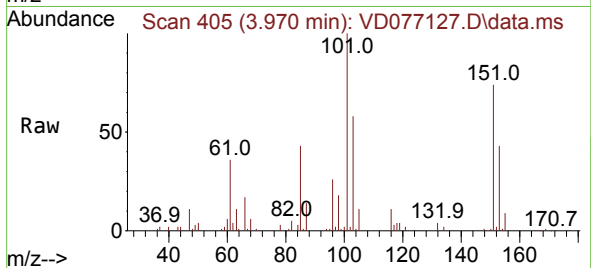




#9
1,1,2-Trichlorotrifluoroethane
Concen: 40.052 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.012 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

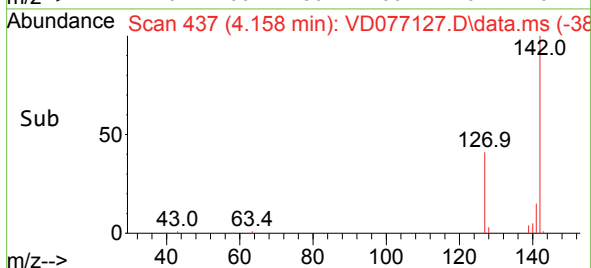
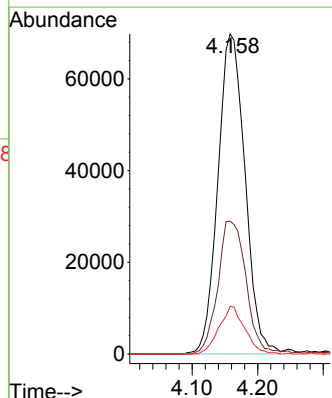
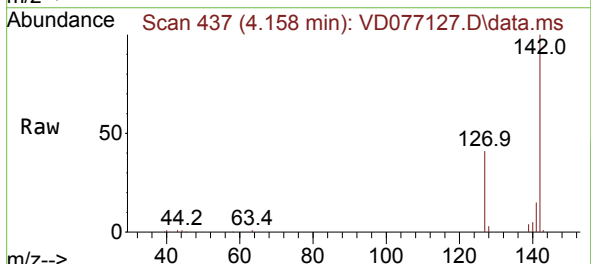
Instrument :
MSVOA_D
ClientSampleId :

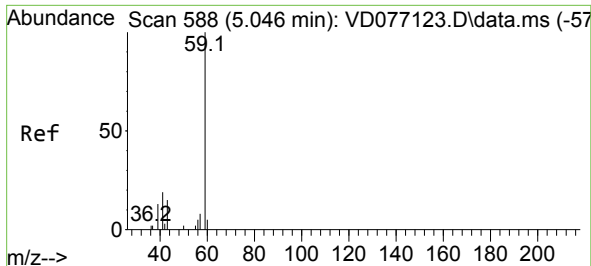
Tgt Ion:101 Resp: 111164
Ion Ratio Lower Upper
101 100
85 40.2 33.8 50.6
151 70.7 59.8 89.6



#10
Methyl Iodide
Concen: 50.506 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion:142 Resp: 200355
Ion Ratio Lower Upper
142 100
127 43.4 29.4 44.0
141 14.1 11.1 16.7

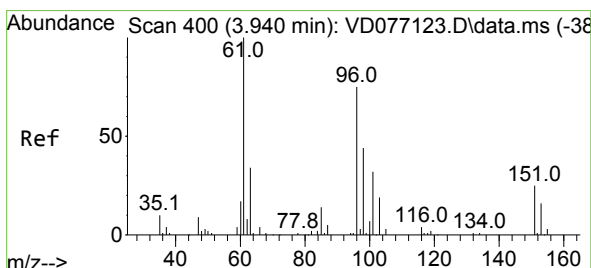
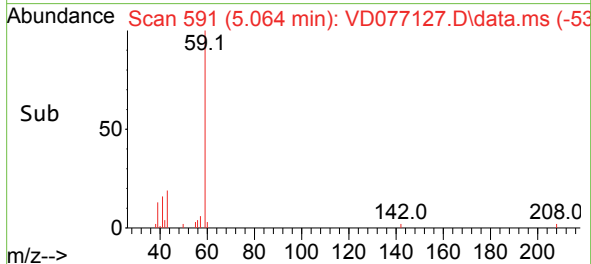
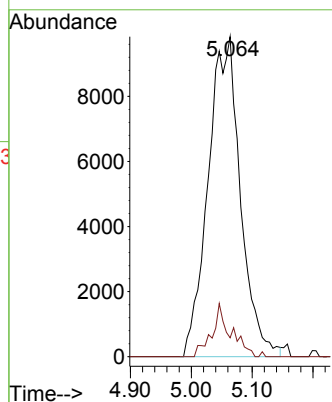
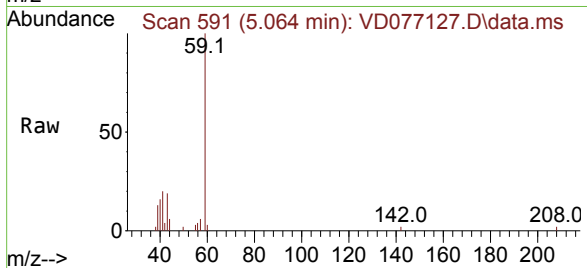




#11
Tert butyl alcohol
Concen: 261.809 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

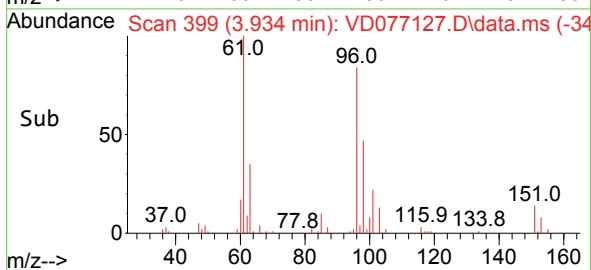
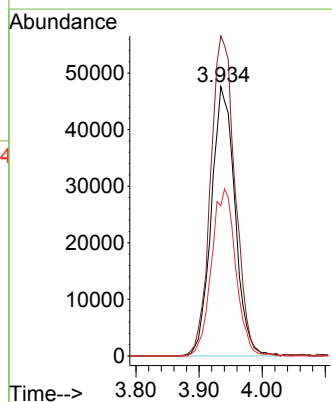
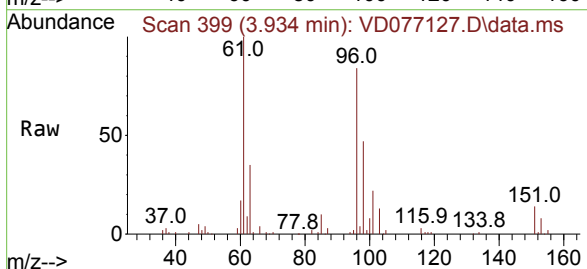
Instrument :
MSVOA_D
ClientSampleId :

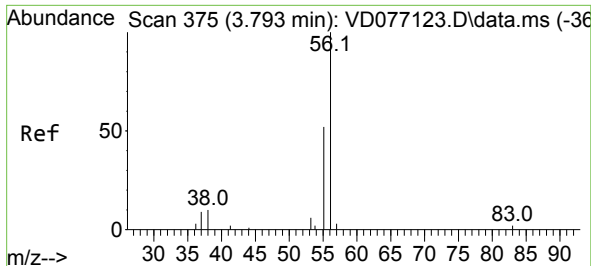
Tgt Ion: 59 Resp: 36208
Ion Ratio Lower Upper
59 100
57 7.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 44.118 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 96 Resp: 123354
Ion Ratio Lower Upper
96 100
61 118.9 100.6 150.8
98 55.8 50.2 75.2

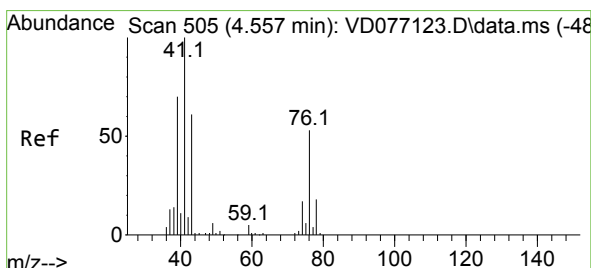
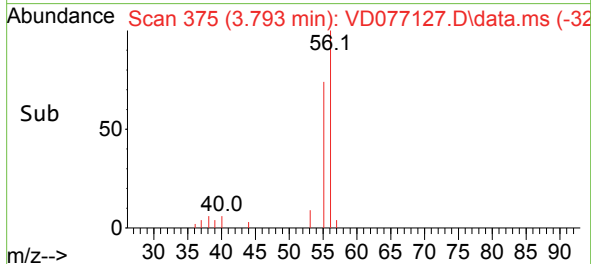
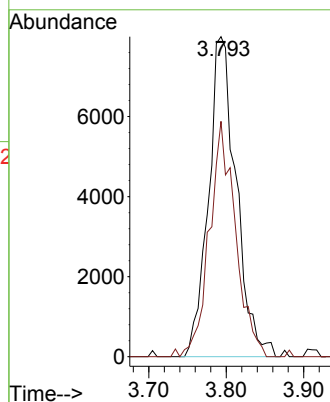
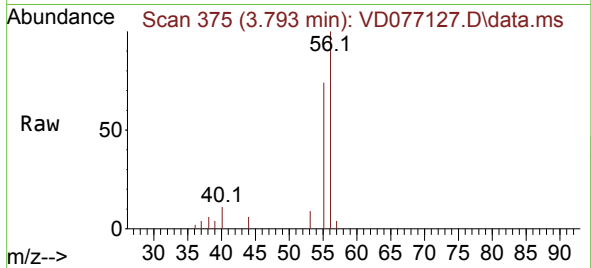




#13
Acrolein
Concen: 213.044 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

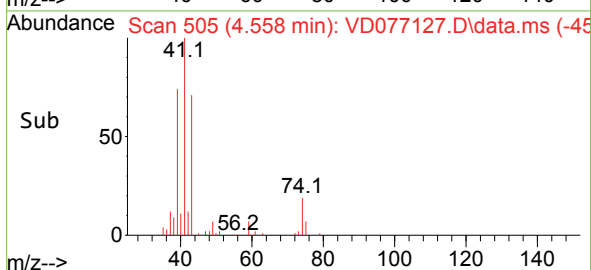
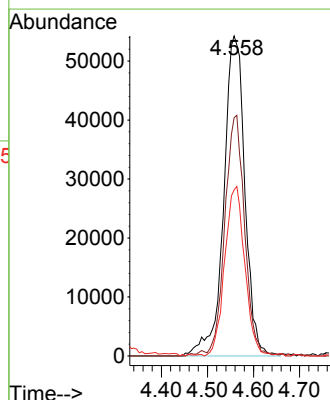
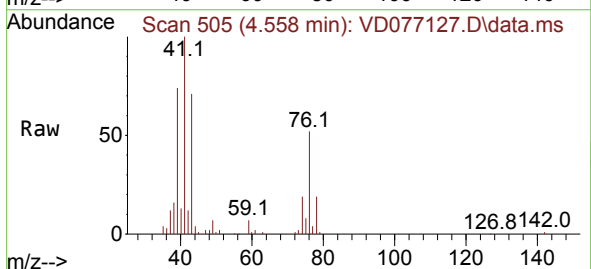
Instrument :
MSVOA_D
ClientSampleId :

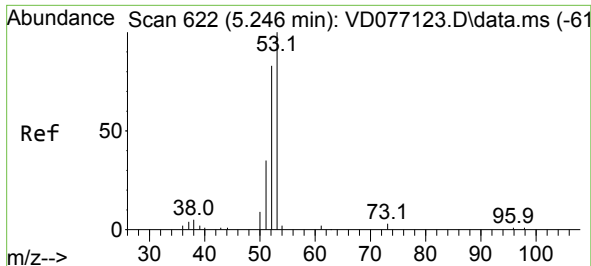
Tgt Ion: 56 Resp: 19866
Ion Ratio Lower Upper
56 100
55 69.3 55.1 82.7



#14
Allyl chloride
Concen: 50.763 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

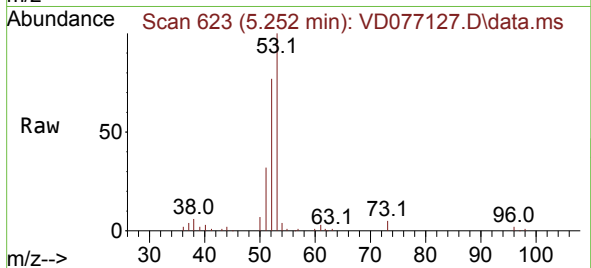
Tgt Ion: 41 Resp: 173164
Ion Ratio Lower Upper
41 100
39 69.9 53.8 80.6
76 50.1 45.8 68.8



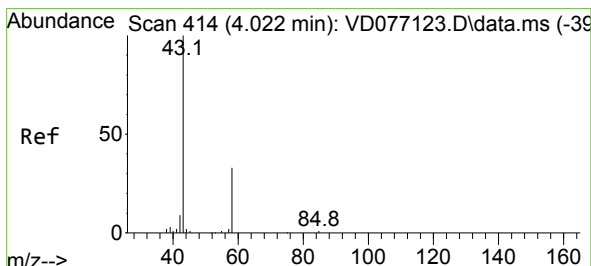
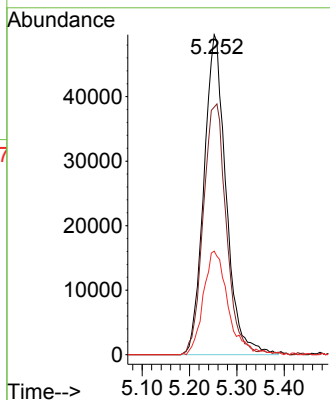
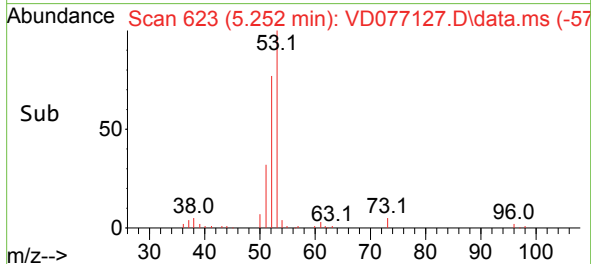


#15
Acrylonitrile
Concen: 268.224 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Instrument :
MSVOA_D
ClientSampleId :

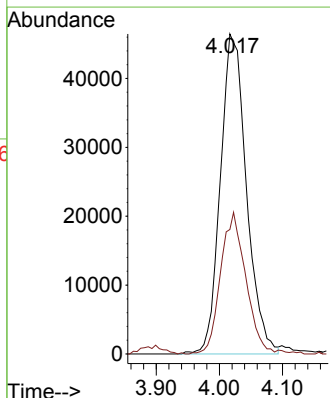
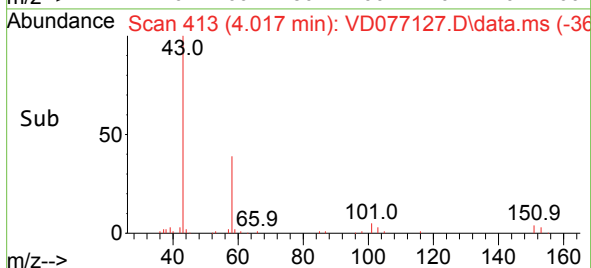
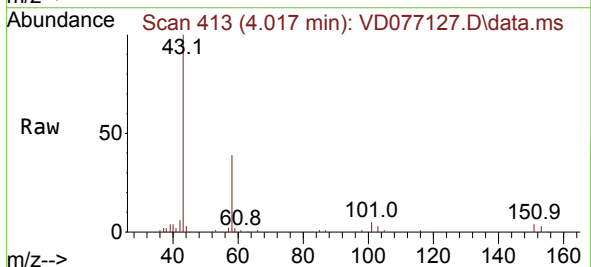


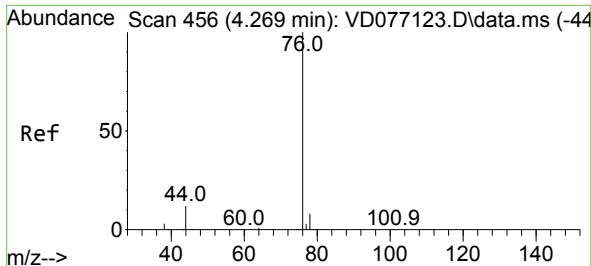
Tgt Ion: 53 Resp: 161148
Ion Ratio Lower Upper
53 100
52 81.2 65.0 97.4
51 36.2 28.3 42.5



#16
Acetone
Concen: 240.775 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 43 Resp: 133483
Ion Ratio Lower Upper
43 100
58 38.9 34.7 52.1

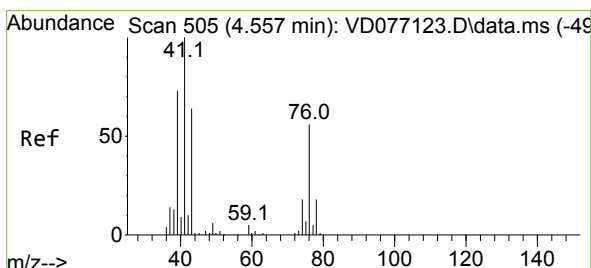
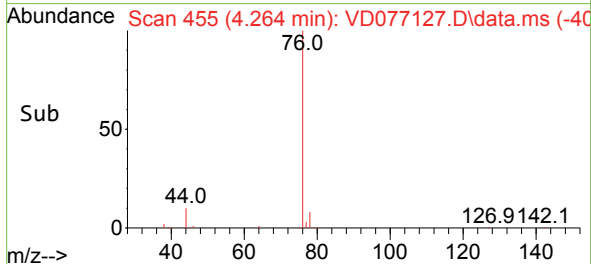
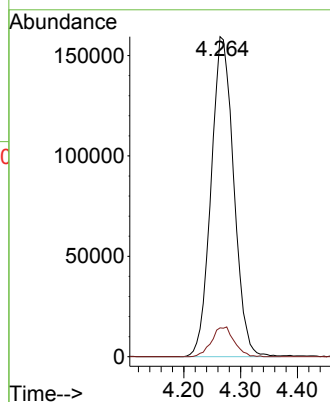
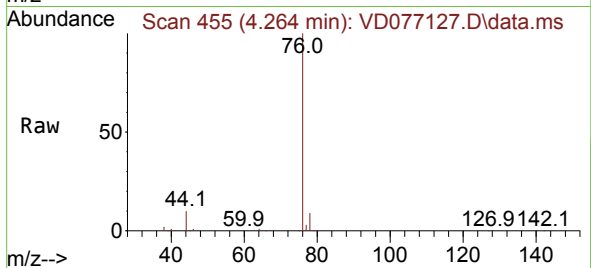




#17
Carbon Disulfide
Concen: 47.949 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

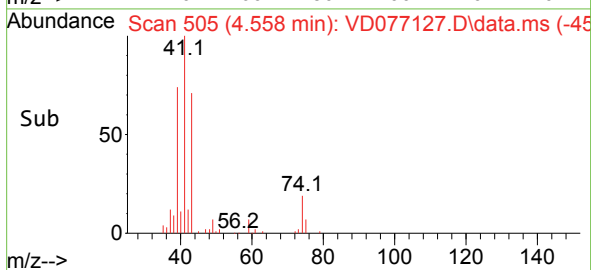
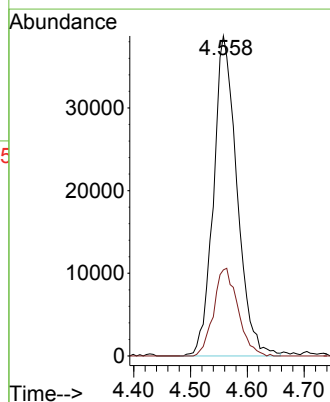
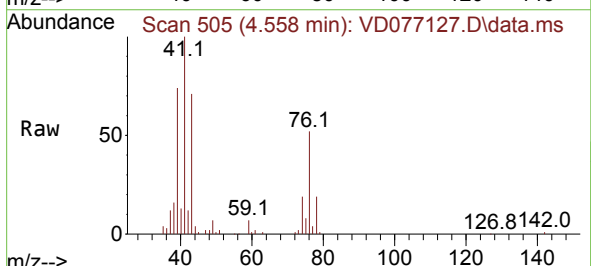
Instrument :
MSVOA_D
ClientSampleId :

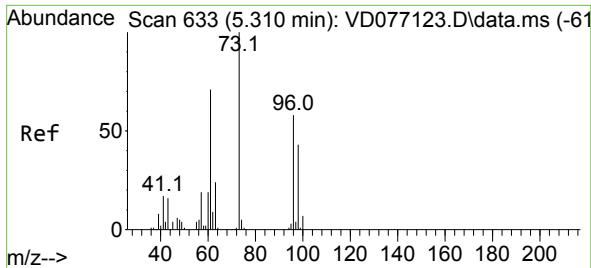
Tgt Ion: 76 Resp: 441342
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.167 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 43 Resp: 111457
Ion Ratio Lower Upper
43 100
74 28.2 26.4 39.6

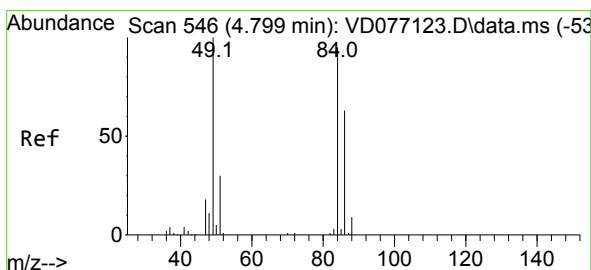
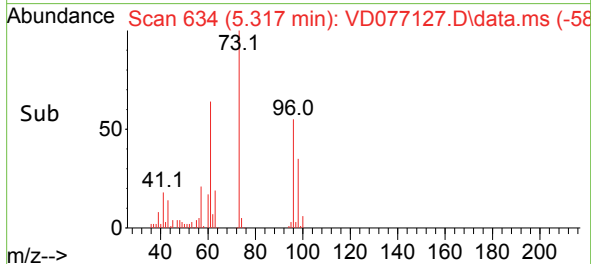
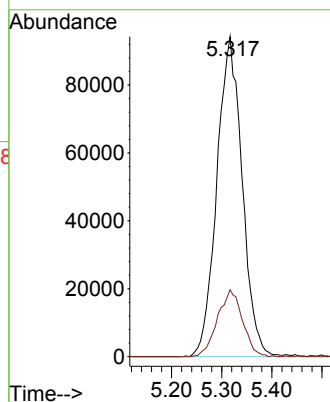
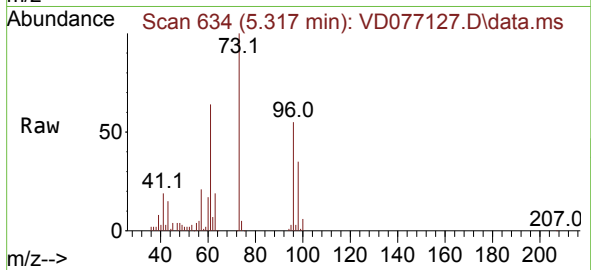




#19
Methyl tert-butyl Ether
Concen: 54.548 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

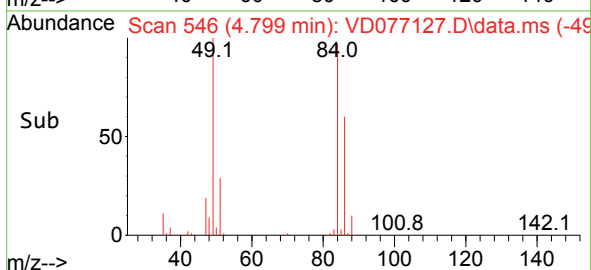
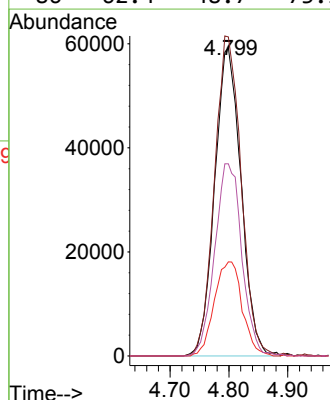
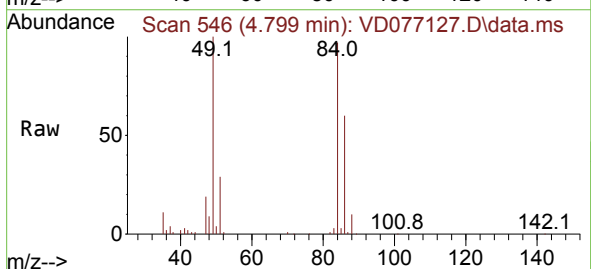
Instrument :
MSVOA_D
ClientSampleId :

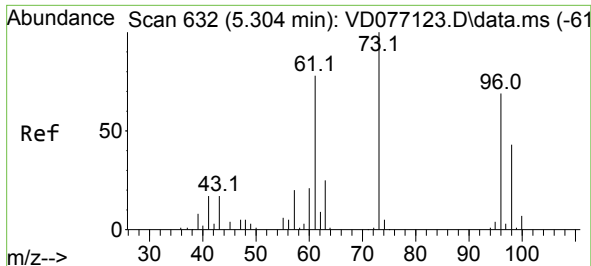
Tgt Ion: 73 Resp: 330021
Ion Ratio Lower Upper
73 100
57 21.0 16.6 25.0



#20
Methylene Chloride
Concen: 51.752 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 84 Resp: 184728
Ion Ratio Lower Upper
84 100
49 103.6 71.4 107.2
51 30.5 24.5 36.7
86 62.4 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 49.991 ug/l

RT: 5.311 min Scan# 61

Delta R.T. 0.006 min

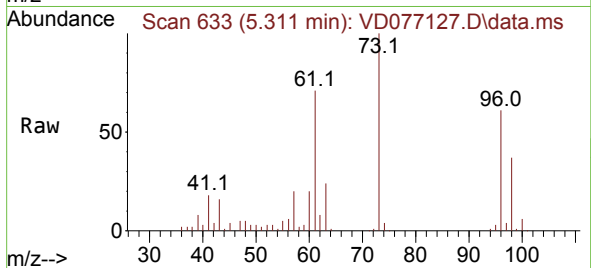
Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :



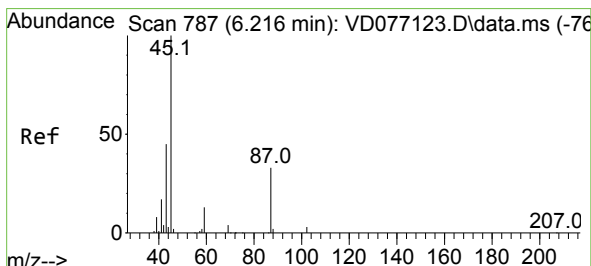
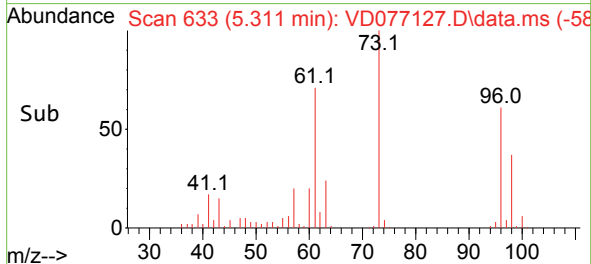
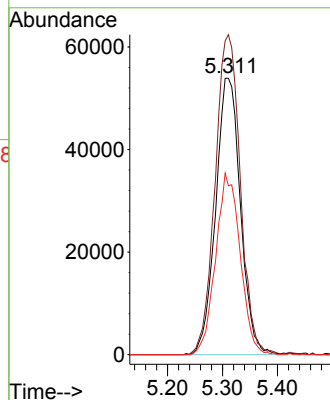
Tgt Ion: 96 Resp: 168960

Ion Ratio Lower Upper

96 100

61 115.7 89.3 133.9

98 61.1 48.6 73.0



#22

Diisopropyl ether

Concen: 52.715 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Tgt Ion: 45 Resp: 406572

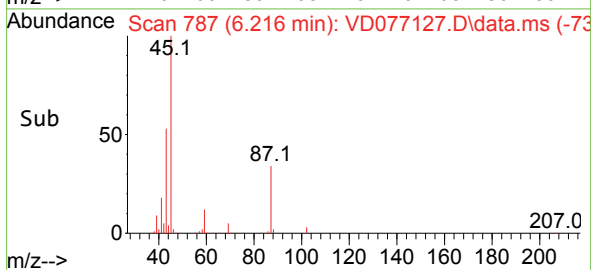
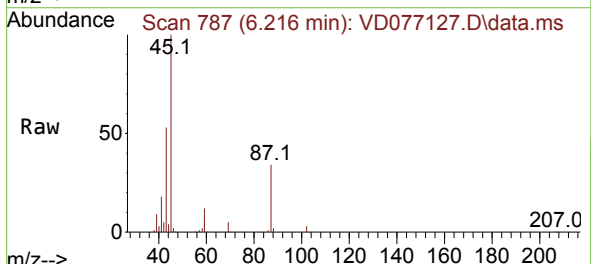
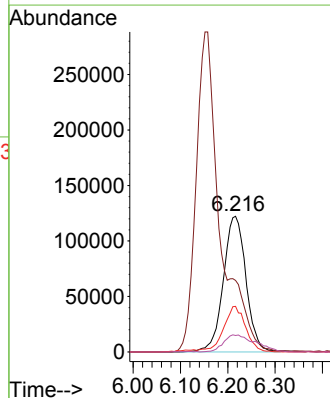
Ion Ratio Lower Upper

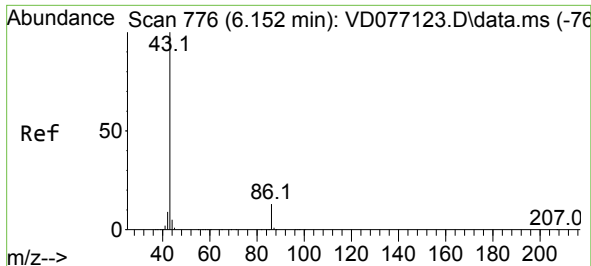
45 100

43 51.7 40.0 60.0

87 33.5 28.2 42.4

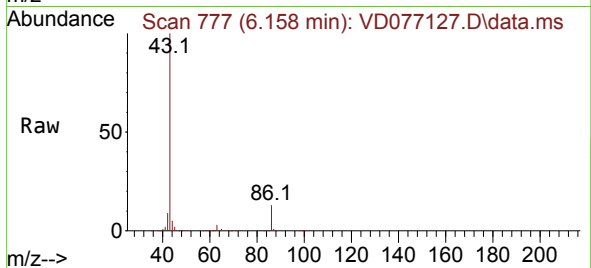
59 11.8 11.0 16.4



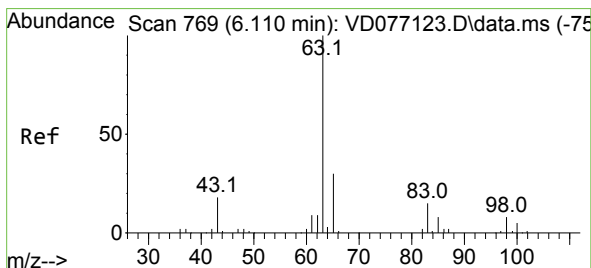
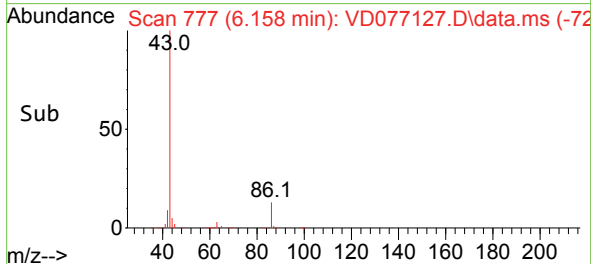
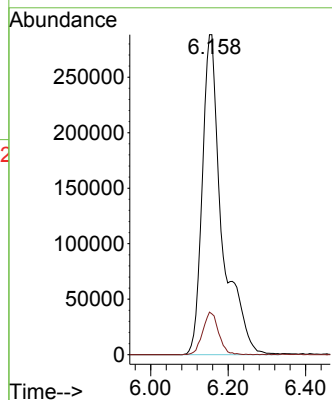


#23
 Vinyl Acetate
 Concen: 330.535 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

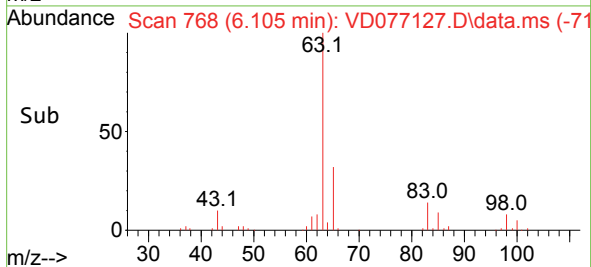
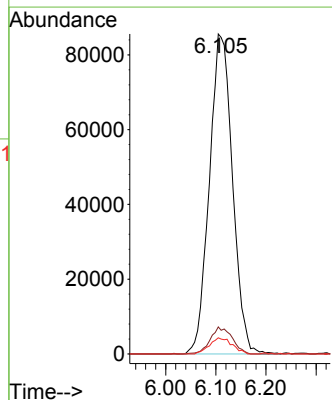
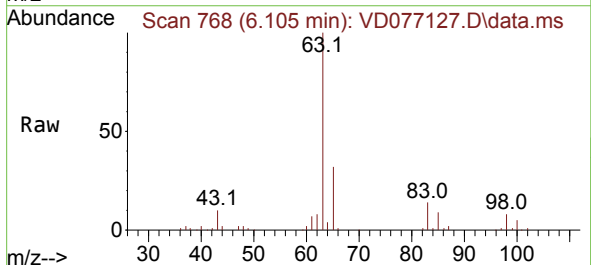


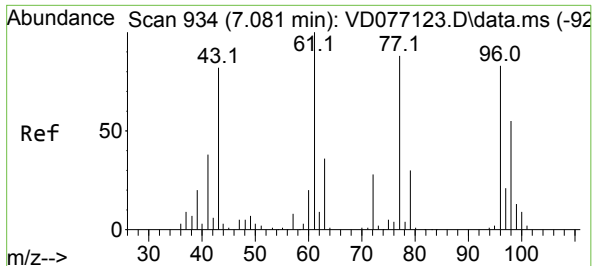
Tgt Ion: 43 Resp: 1019167
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.590 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion: 63 Resp: 274511
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 5.1 2.5 7.5

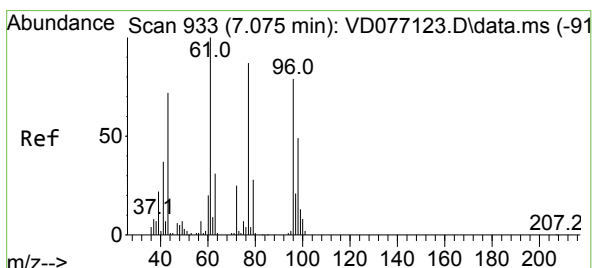
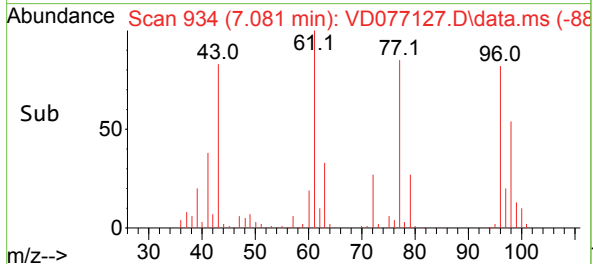
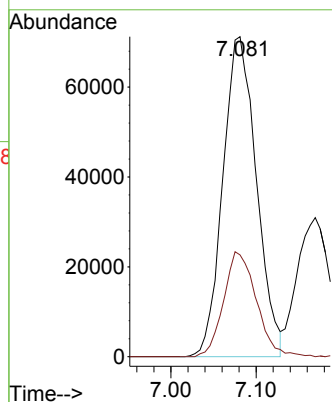
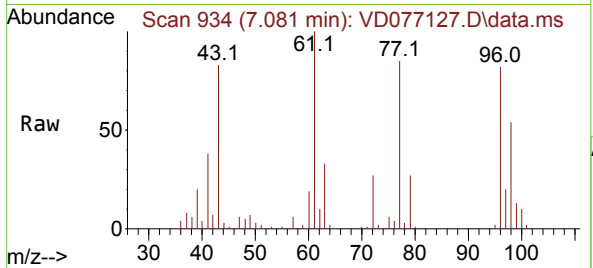




#25
2-Butanone
Concen: 267.525 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

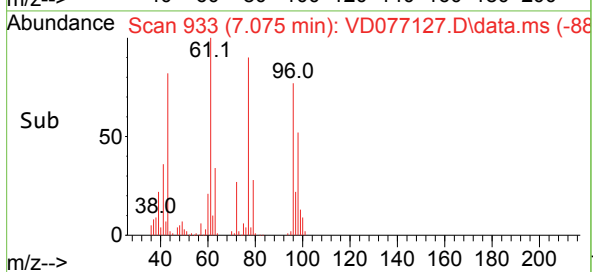
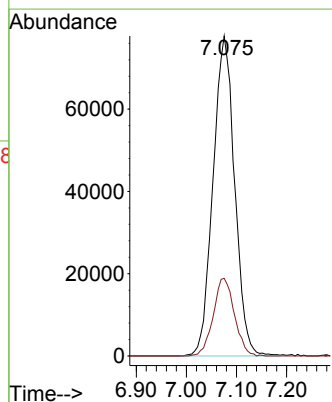
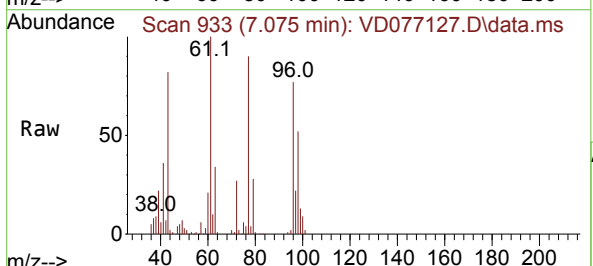
Instrument :
MSVOA_D
ClientSampleId :

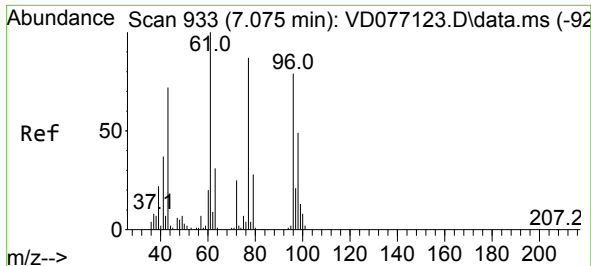
Tgt Ion: 43 Resp: 195121
Ion Ratio Lower Upper
43 100
72 31.8 30.7 46.1



#26
2,2-Dichloropropane
Concen: 49.663 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

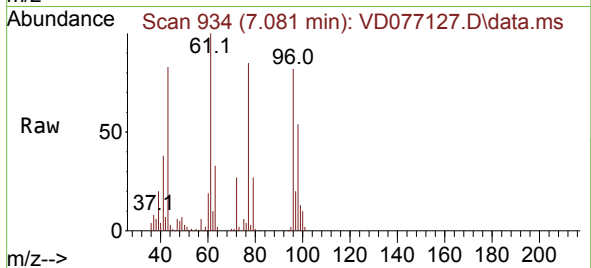
Tgt Ion: 77 Resp: 233355
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





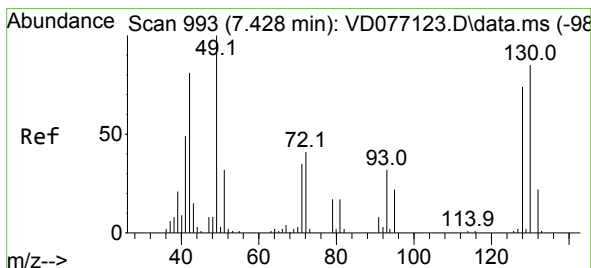
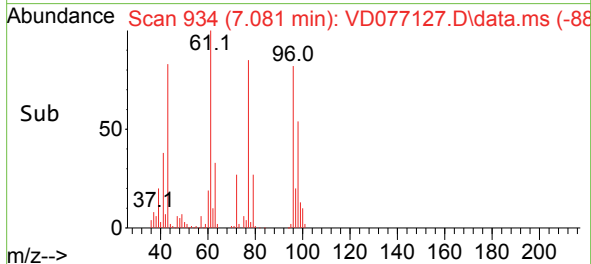
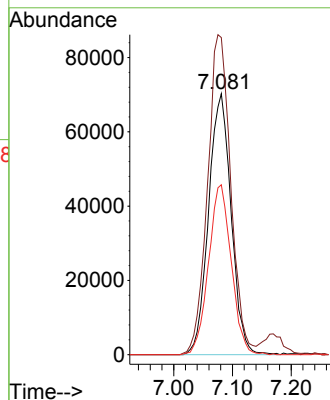
#27
 cis-1,2-Dichloroethene
 Concen: 49.414 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 187747

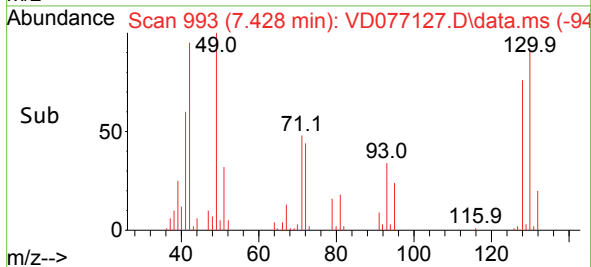
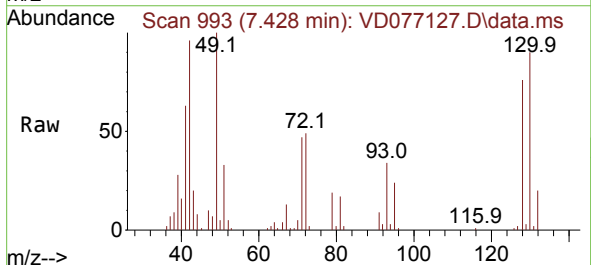
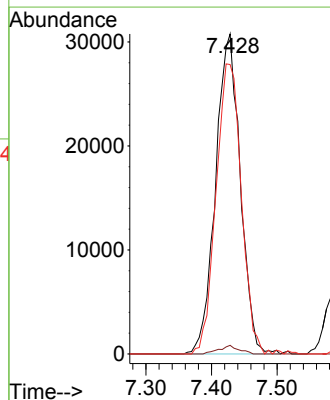
Ion	Ratio	Lower	Upper
96	100		
61	126.1	0.0	239.2
98	65.5	0.0	128.6

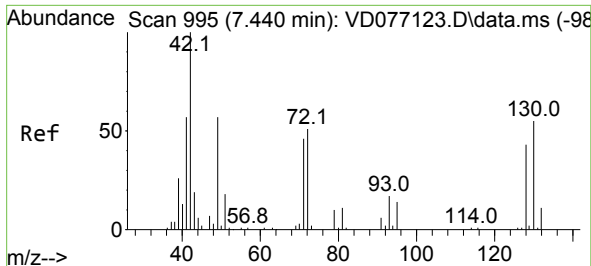


#28
 Bromochloromethane
 Concen: 47.281 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion: 49 Resp: 80370

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	6.0
130	92.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 267.632 ug/l

RT: 7.440 min Scan# 995

Delta R.T. 0.000 min

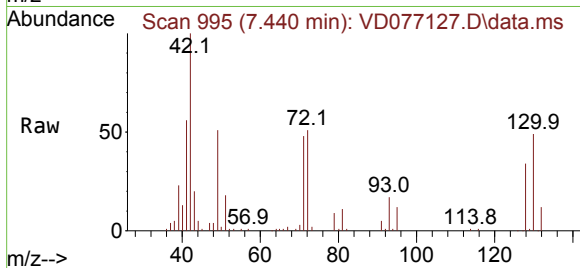
Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :



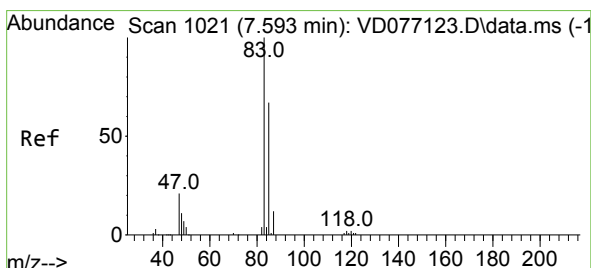
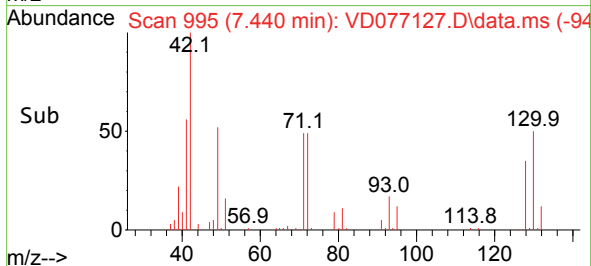
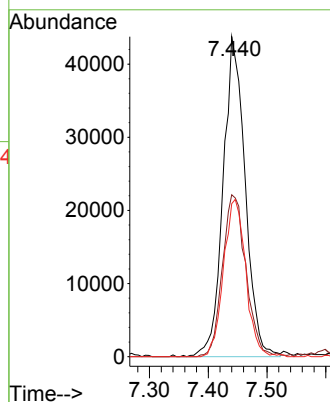
Tgt Ion: 42 Resp: 114111

Ion Ratio Lower Upper

42 100

72 53.9 46.5 69.7

71 49.5 44.5 66.7



#30

Chloroform

Concen: 49.783 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077127.D

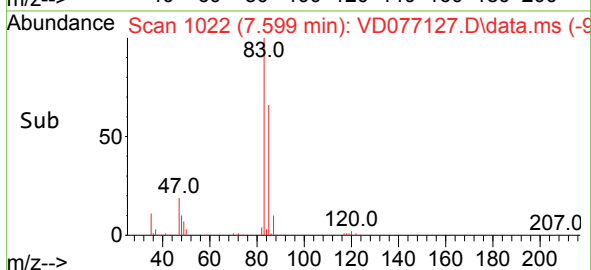
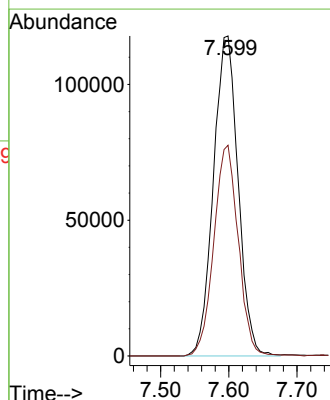
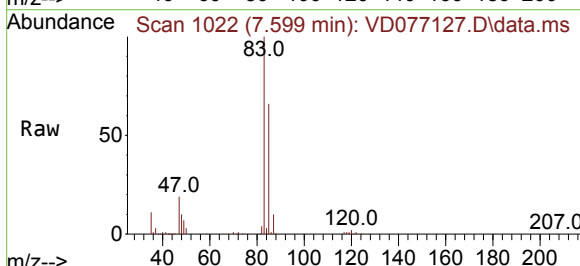
Acq: 18 Sep 2023 13:37

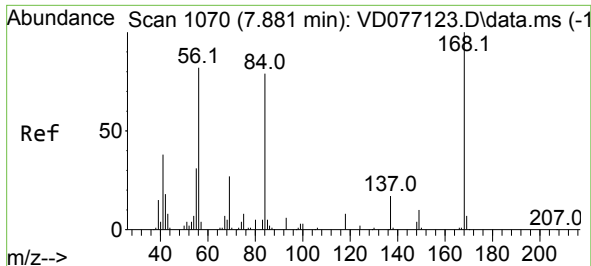
Tgt Ion: 83 Resp: 296999

Ion Ratio Lower Upper

83 100

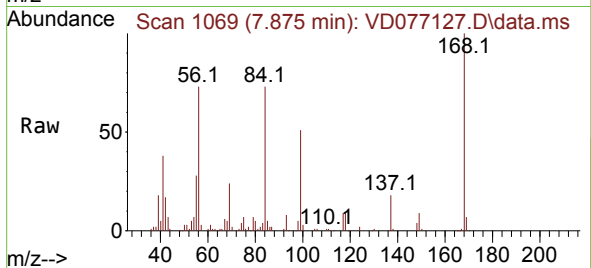
85 65.8 53.4 80.2



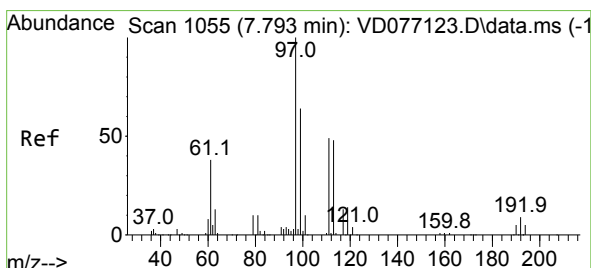
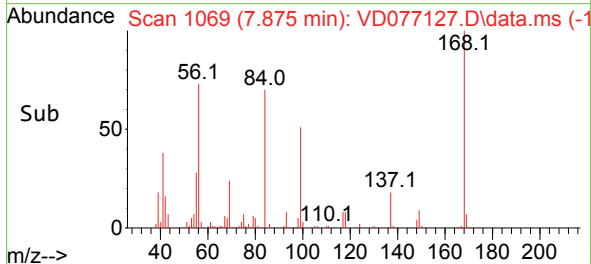
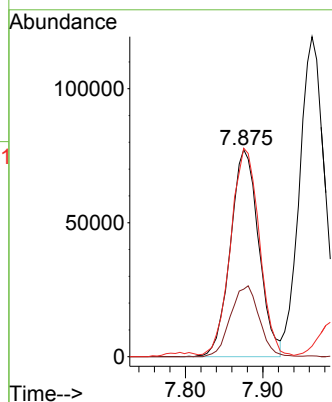


#31
Cyclohexane
Concen: 46.446 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Instrument :
MSVOA_D
ClientSampleId :

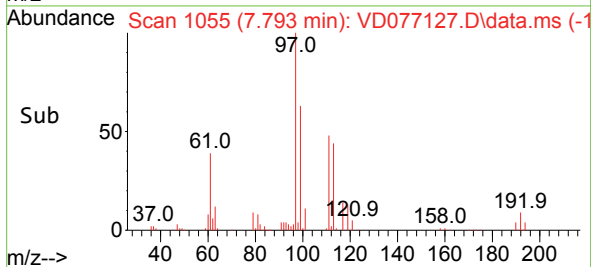
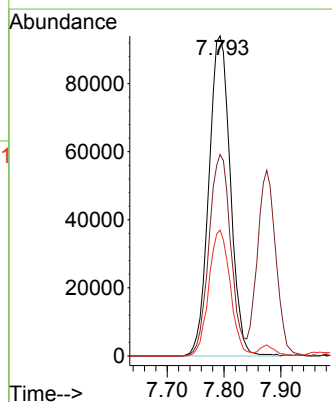
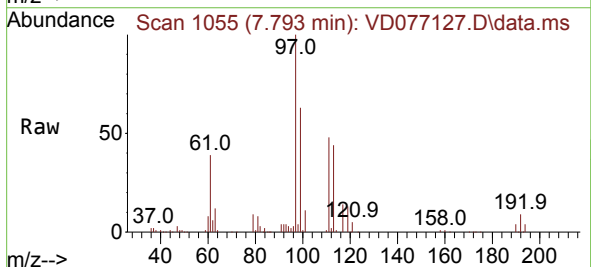


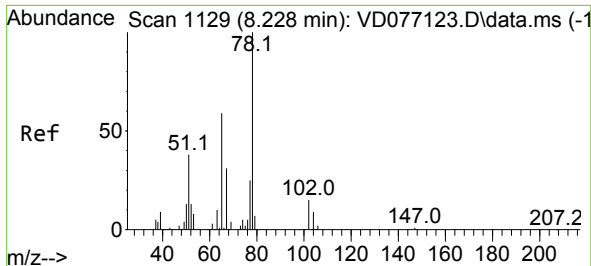
Tgt Ion: 56 Resp: 197100
Ion Ratio Lower Upper
56 100
69 32.6 28.6 43.0
84 98.6 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 49.474 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 97 Resp: 246371
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 39.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.755 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

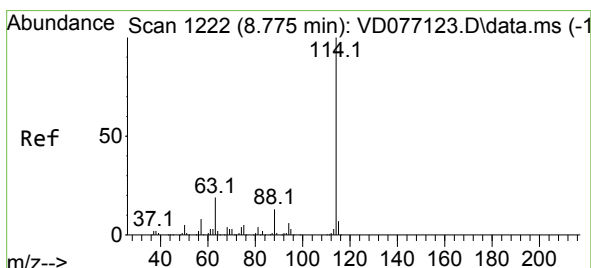
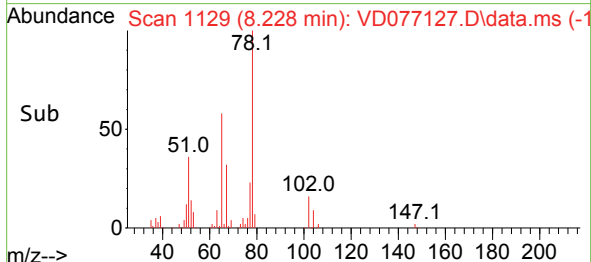
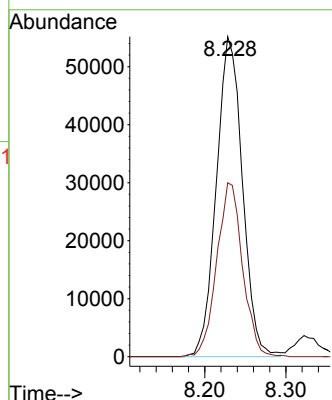
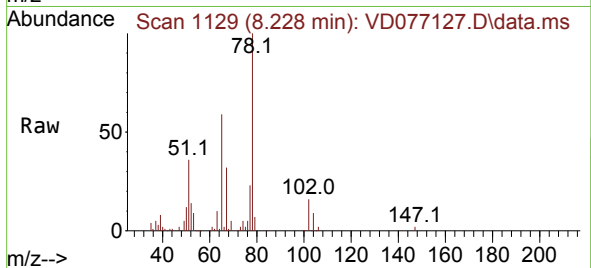
ClientSampleId :

Tgt Ion: 65 Resp: 123114

Ion Ratio Lower Upper

65 100

67 53.9 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: VD077127.D

Acq: 18 Sep 2023 13:37

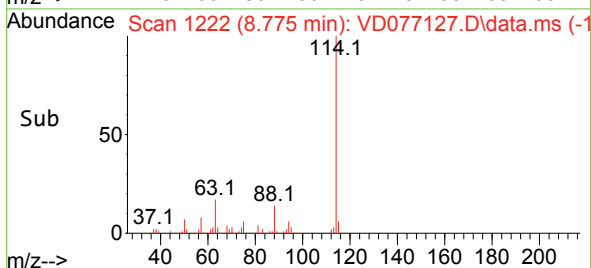
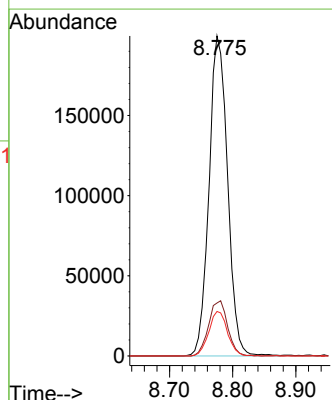
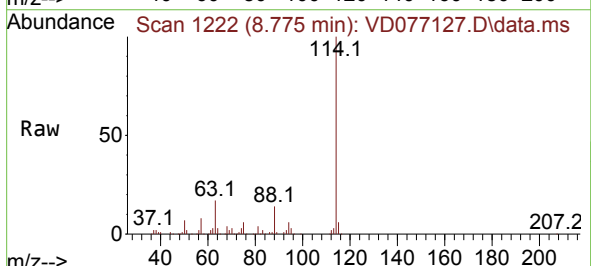
Tgt Ion: 114 Resp: 407855

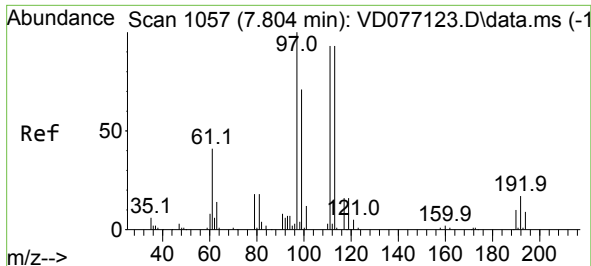
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.207 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

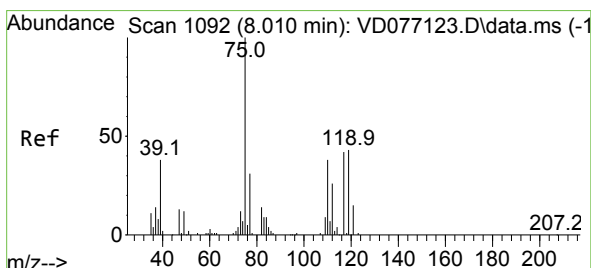
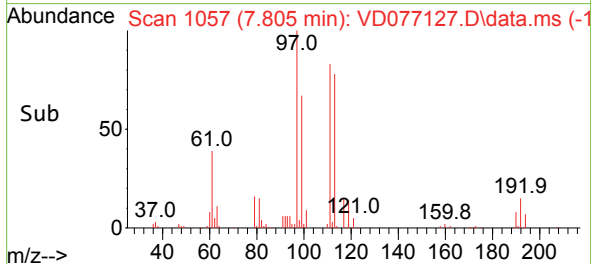
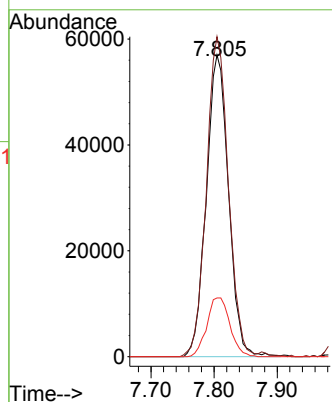
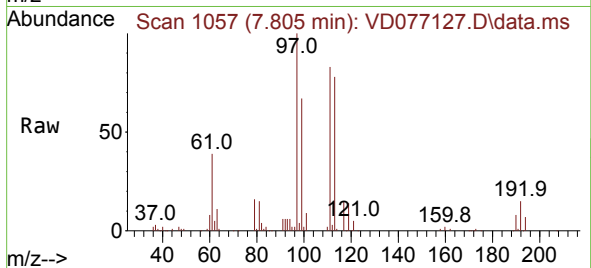
Tgt Ion:113 Resp: 139399

Ion Ratio Lower Upper

113 100

111 104.7 84.7 127.1

192 20.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.263 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

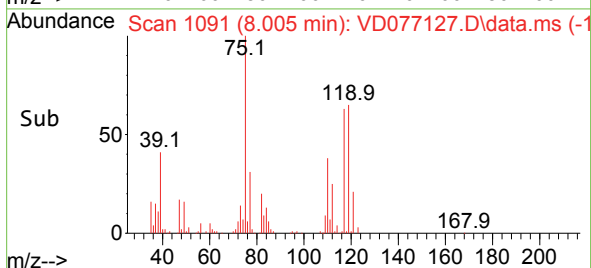
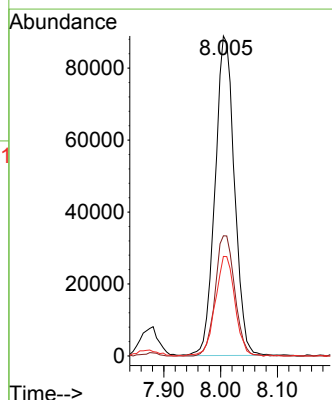
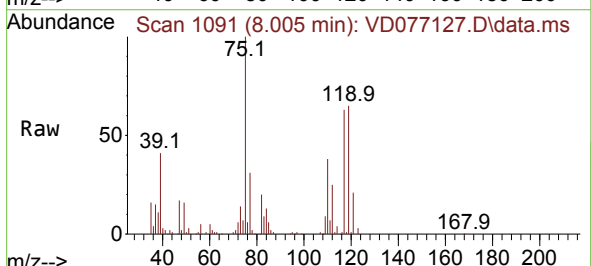
Tgt Ion: 75 Resp: 210177

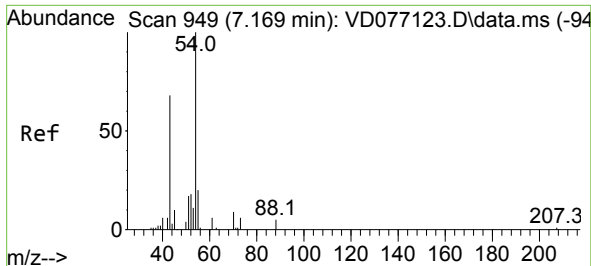
Ion Ratio Lower Upper

75 100

110 38.1 19.9 59.6

77 31.8 24.7 37.1

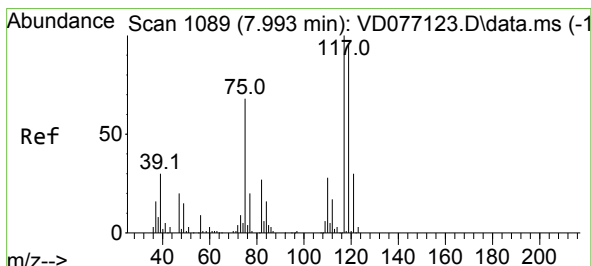
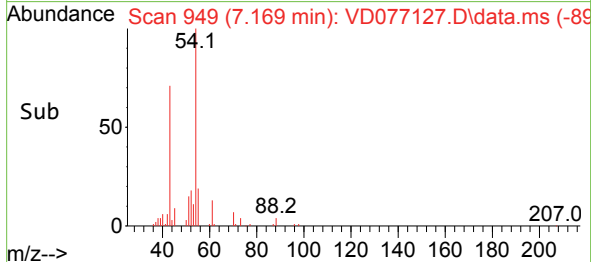
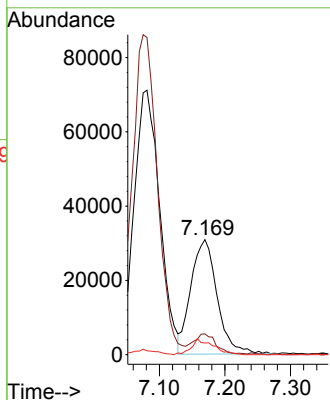
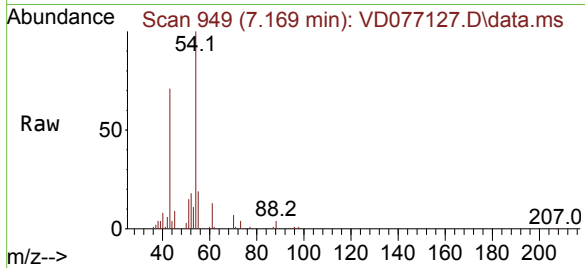




#37
Ethyl Acetate
Concen: 52.624 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

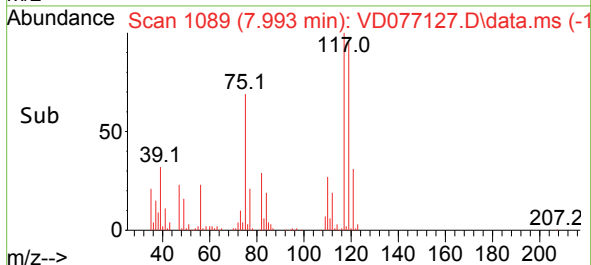
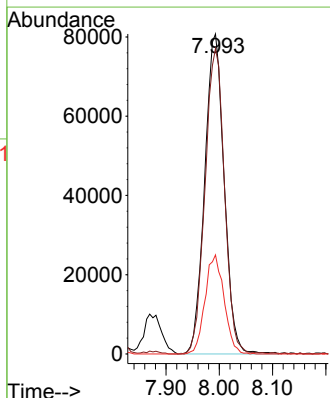
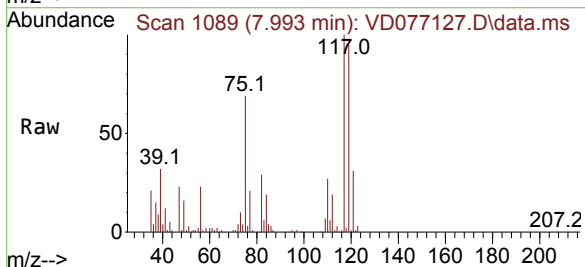
Instrument :
MSVOA_D
ClientSampleId :

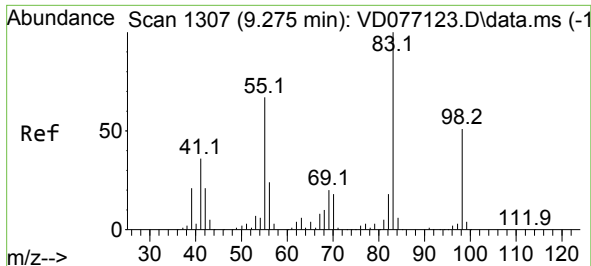
Tgt Ion: 43 Resp: 86138
Ion Ratio Lower Upper
43 100
61 15.0 14.9 22.3
70 11.4 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.956 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 117 Resp: 205288
Ion Ratio Lower Upper
117 100
119 95.4 78.0 117.0
121 30.9 24.2 36.2

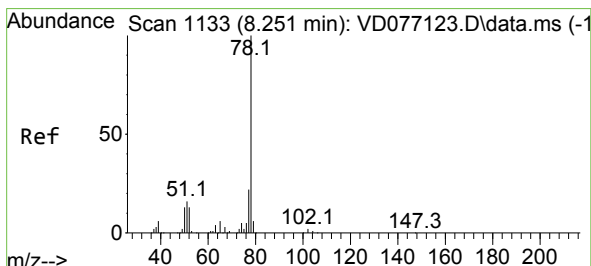
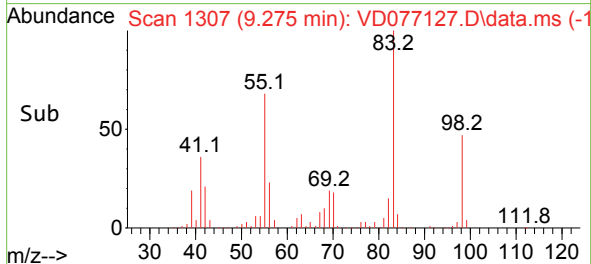
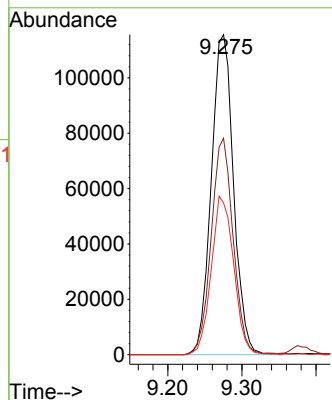
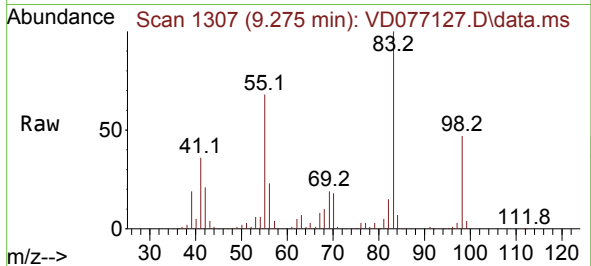




#39
Methylcyclohexane
Concen: 49.099 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

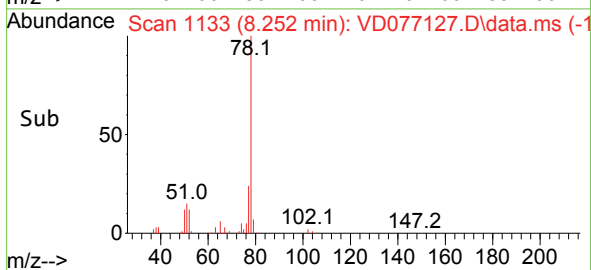
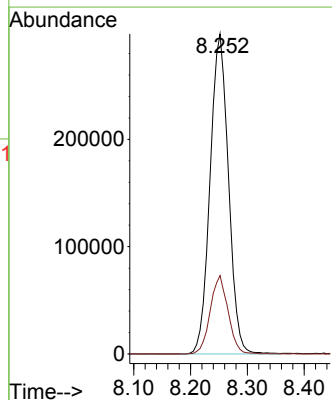
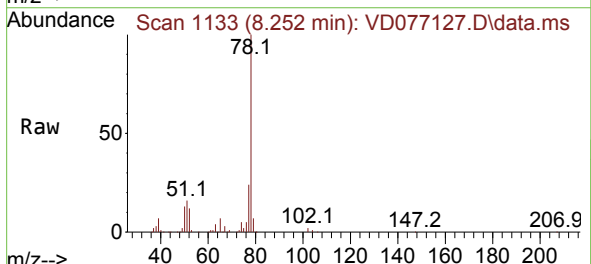
Instrument :
MSVOA_D
ClientSampleId :

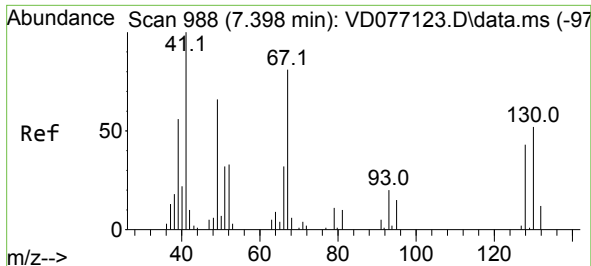
Tgt Ion: 83 Resp: 241021
Ion Ratio Lower Upper
83 100
55 67.6 49.4 74.0
98 47.4 38.4 57.6



#40
Benzene
Concen: 50.677 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 78 Resp: 668934
Ion Ratio Lower Upper
78 100
77 24.5 19.4 29.0

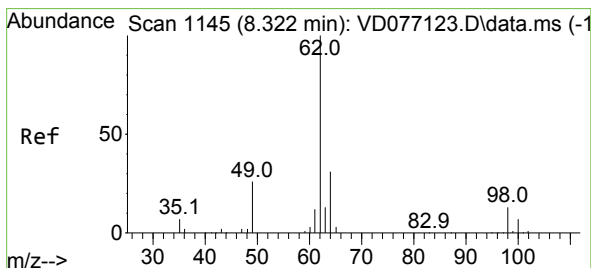
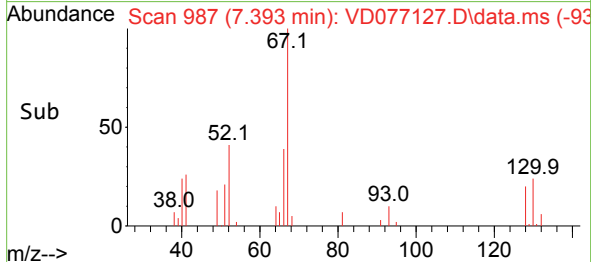
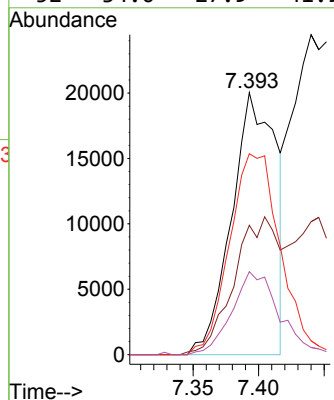
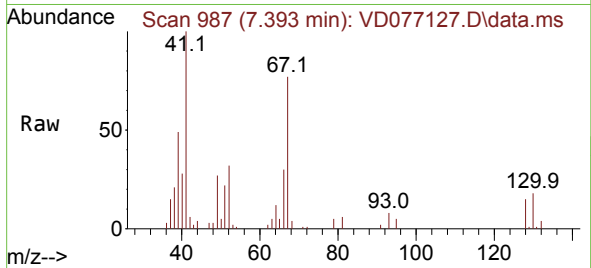




#41
Methacrylonitrile
Concen: 53.843 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

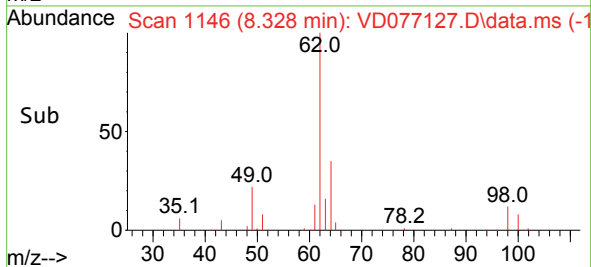
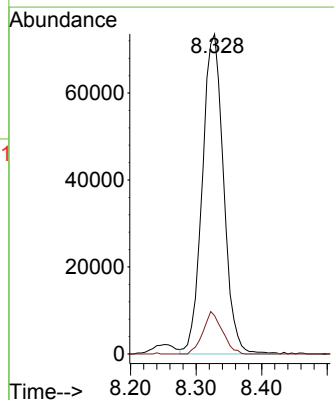
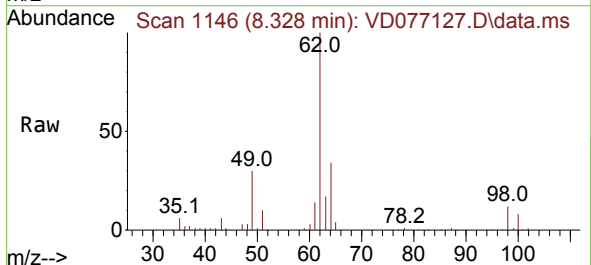
Instrument :
MSVOA_D
ClientSampleId :

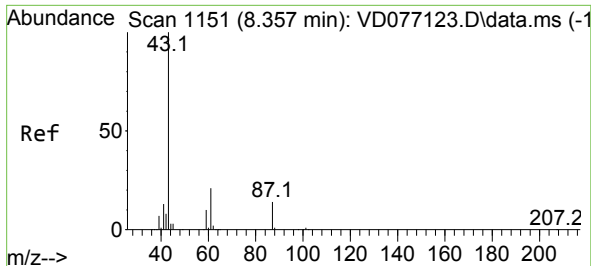
Tgt Ion: 41 Resp: 47041
Ion Ratio Lower Upper
41 100
39 52.4 34.0 51.0#
67 87.9 77.0 115.4
52 34.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.703 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

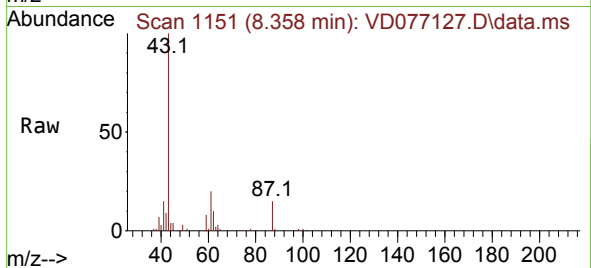
Tgt Ion: 62 Resp: 165932
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4



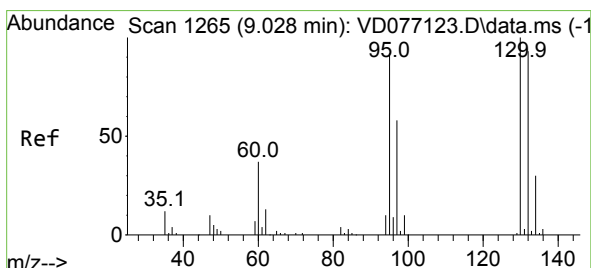
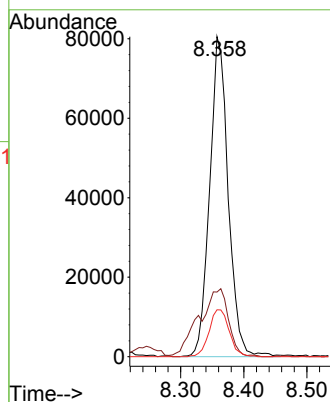
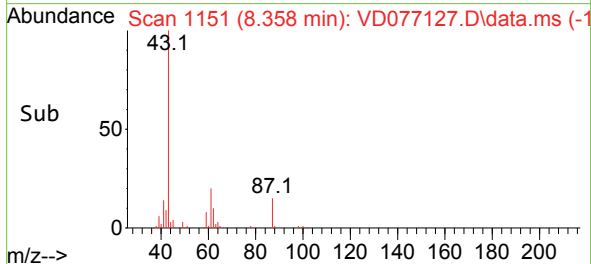


#43
Isopropyl Acetate
Concen: 54.549 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Instrument :
MSVOA_D
ClientSampleId :

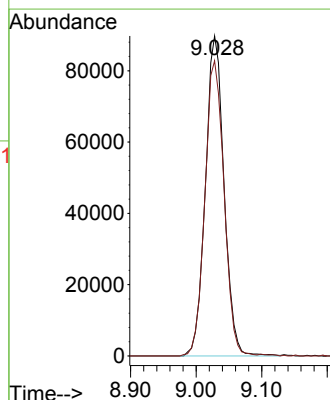
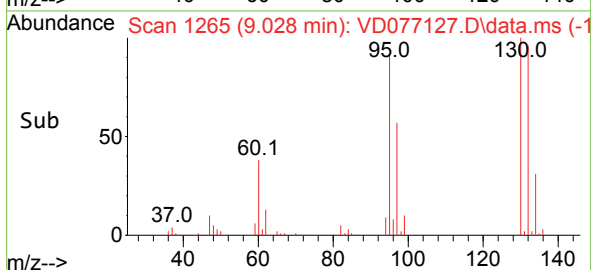
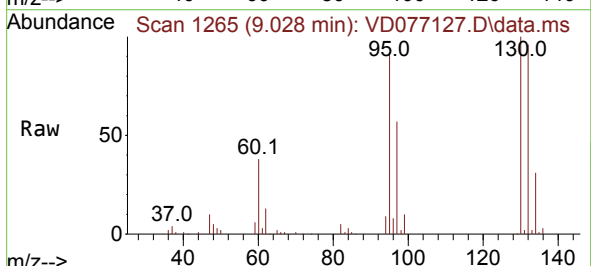


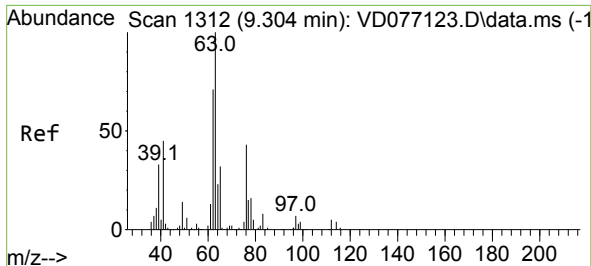
Tgt Ion: 43 Resp: 164399
Ion Ratio Lower Upper
43 100
61 33.7 31.4 47.0
87 16.0 14.9 22.3



#44
Trichloroethene
Concen: 48.641 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion:130 Resp: 177702
Ion Ratio Lower Upper
130 100
95 92.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.287 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

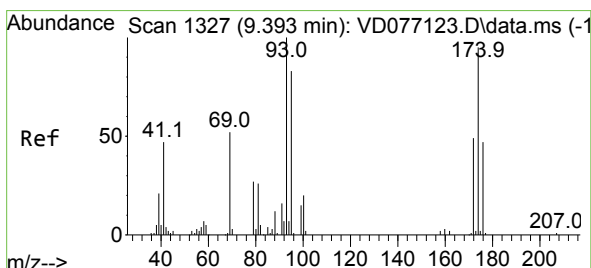
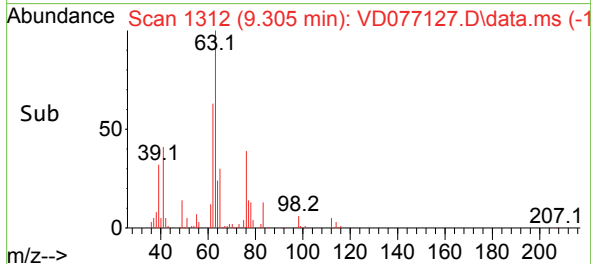
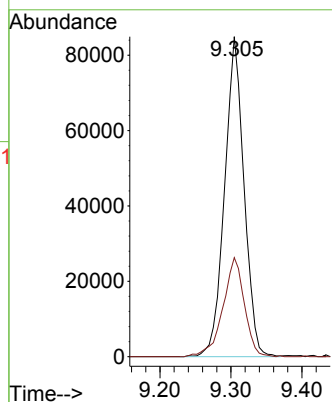
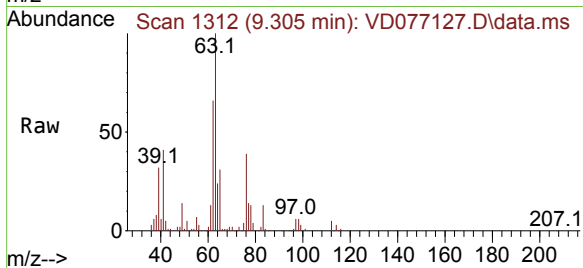
ClientSampleId :

Tgt Ion: 63 Resp: 161225

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 50.786 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

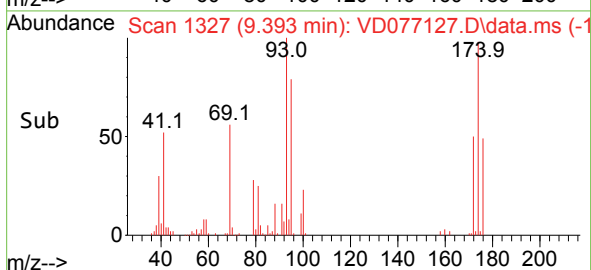
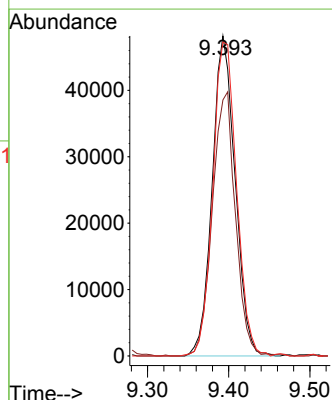
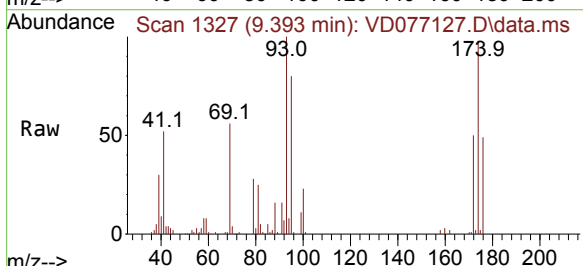
Tgt Ion: 93 Resp: 94617

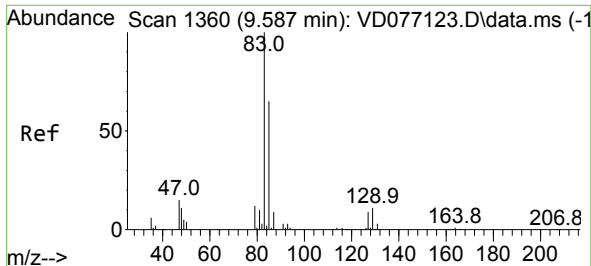
Ion Ratio Lower Upper

93 100

95 83.3 67.7 101.5

174 101.5 85.4 128.2

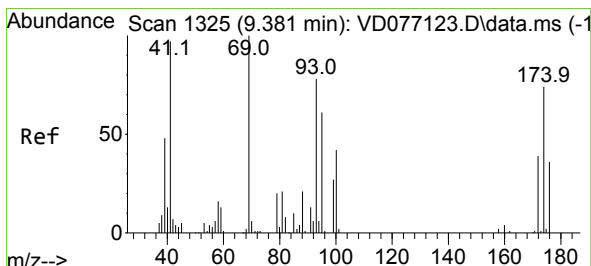
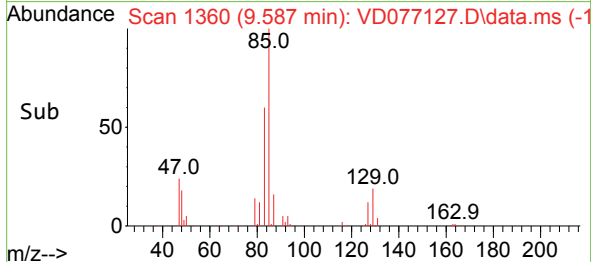
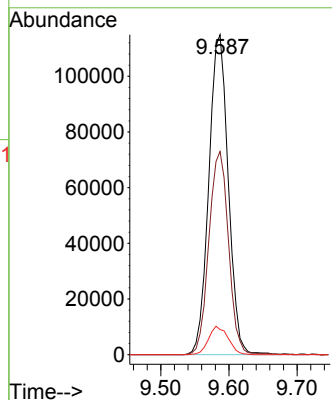
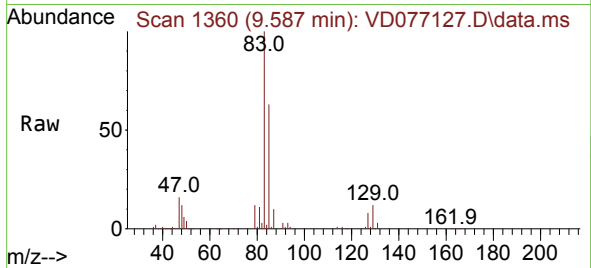




#47
Bromodichloromethane
Concen: 50.694 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

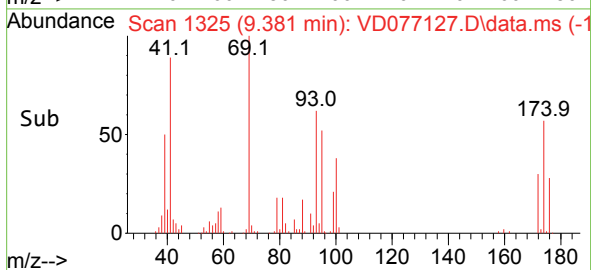
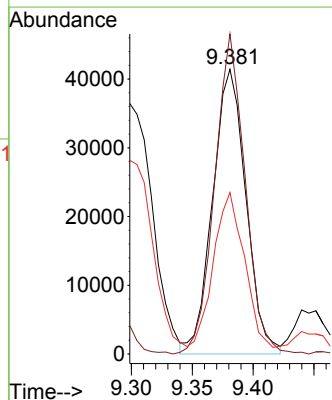
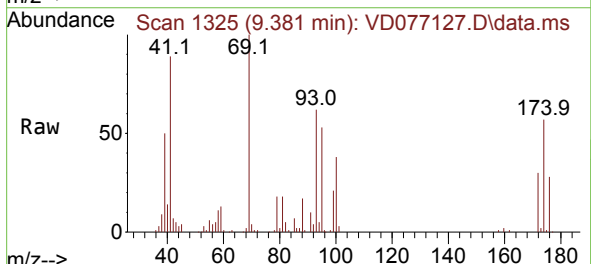
Instrument :
MSVOA_D
ClientSampleId :

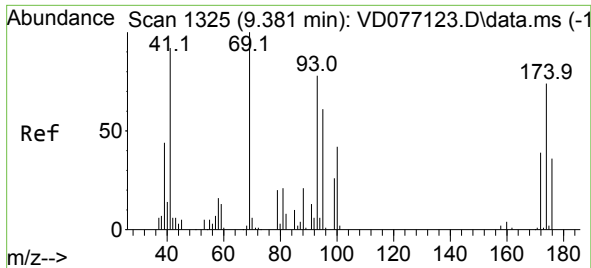
Tgt Ion: 83 Resp: 228235
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 57.554 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

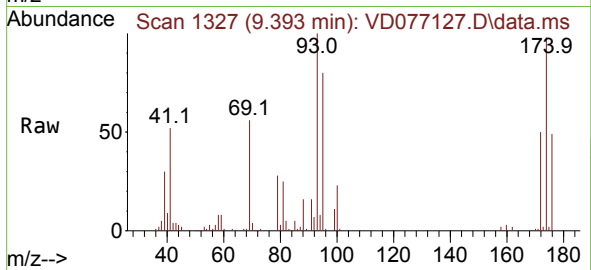
Tgt Ion: 41 Resp: 78817
Ion Ratio Lower Upper
41 100
69 102.6 102.2 153.2
39 54.9 41.4 62.2



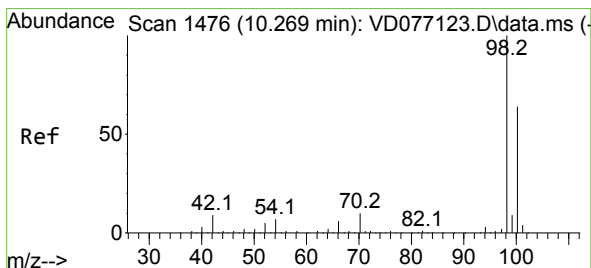
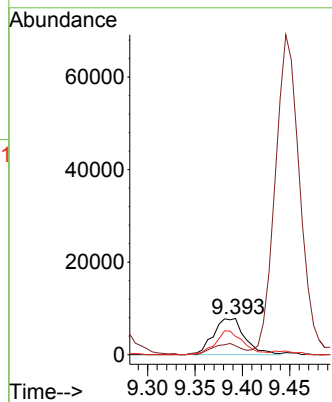
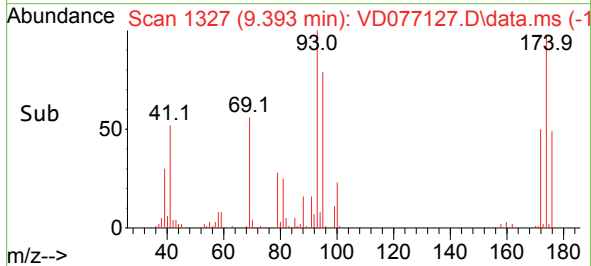


#49
1,4-Dioxane
Concen: 1077.967 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.012 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Instrument :
MSVOA_D
ClientSampleId :

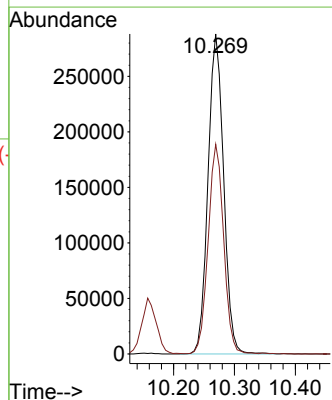
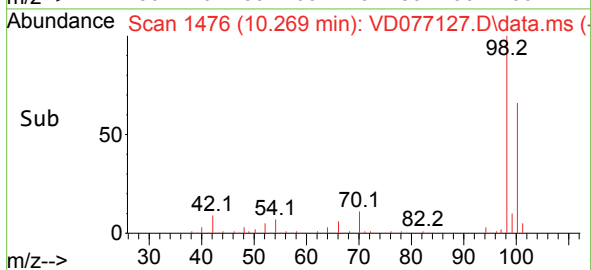
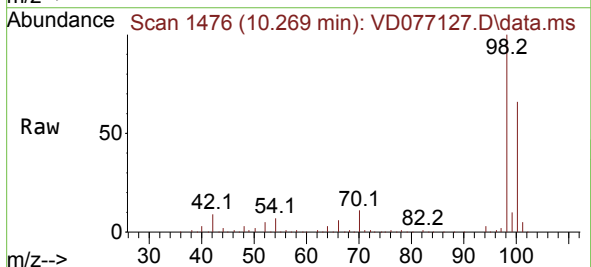


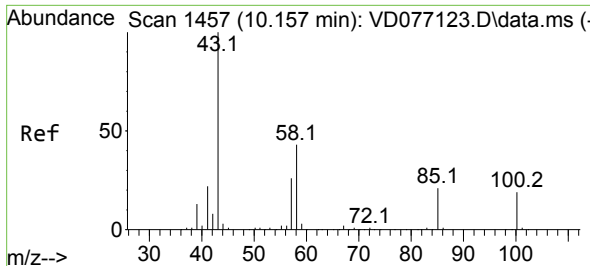
Tgt Ion: 88 Resp: 18128
Ion Ratio Lower Upper
88 100
43 27.2 19.0 28.6
58 58.9 43.5 65.3



#50
Toluene-d8
Concen: 50.903 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 98 Resp: 513286
Ion Ratio Lower Upper
98 100
100 64.9 50.3 75.5

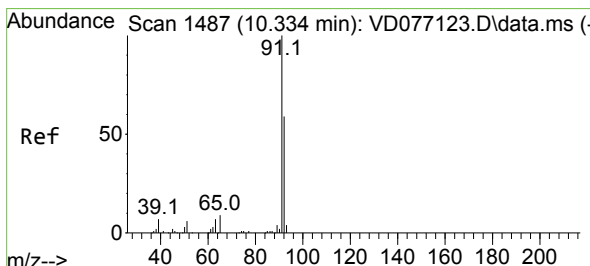
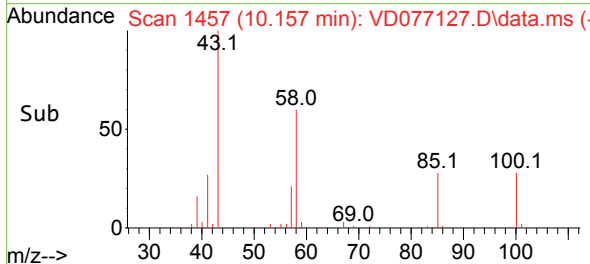
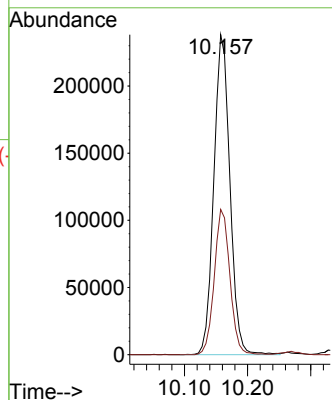
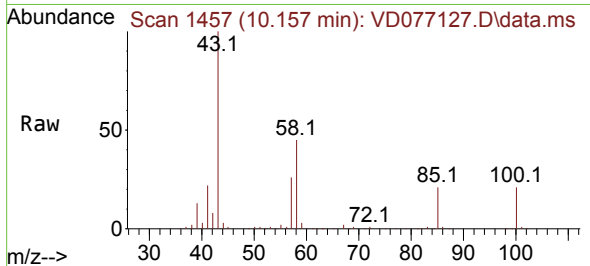




#51
4-Methyl-2-Pentanone
Concen: 267.662 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

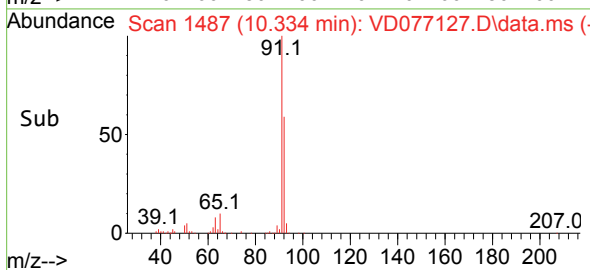
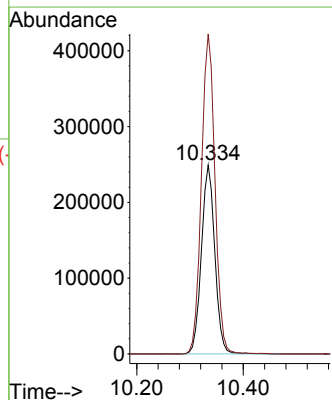
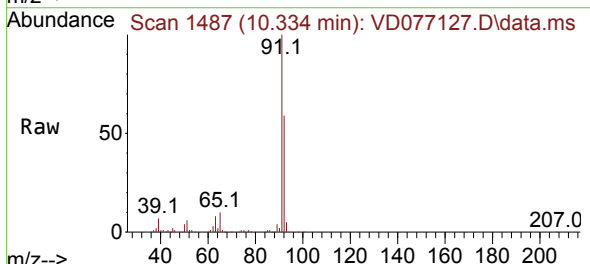
Instrument :
MSVOA_D
ClientSampleId :

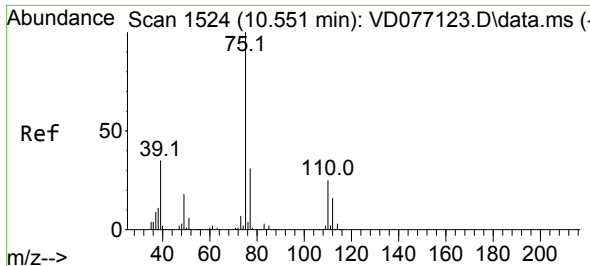
Tgt Ion: 43 Resp: 421883
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3



#52
Toluene
Concen: 51.430 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

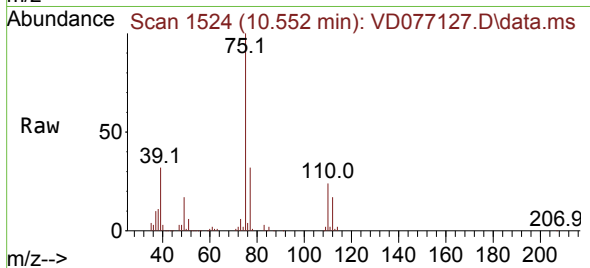
Tgt Ion: 92 Resp: 434296
Ion Ratio Lower Upper
92 100
91 171.8 143.0 214.4



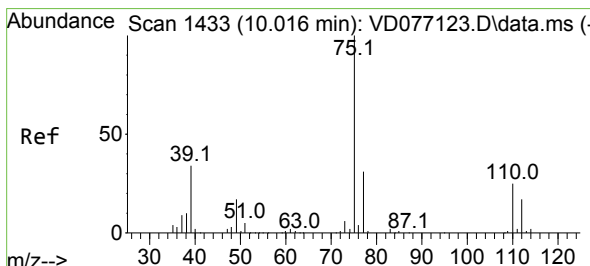
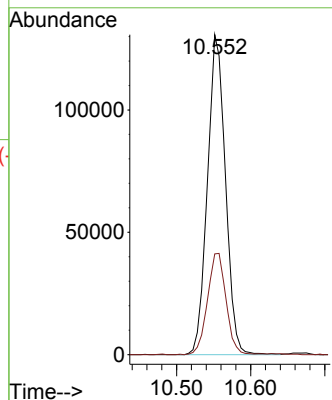
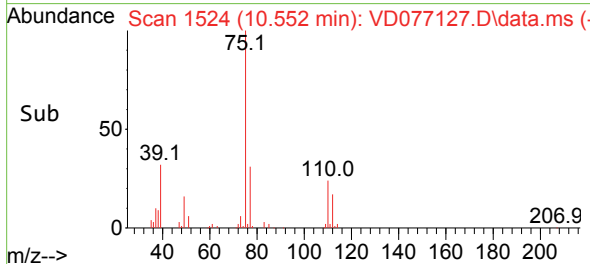


#53
 t-1,3-Dichloropropene
 Concen: 52.558 ug/l
 RT: 10.552 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

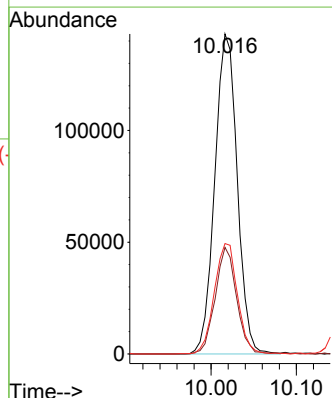
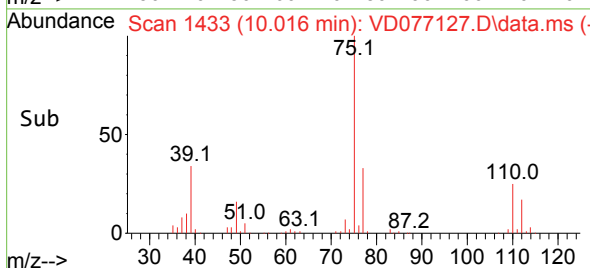
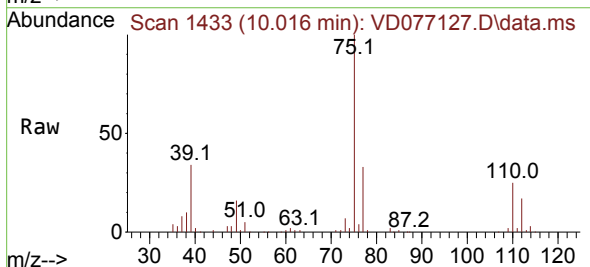


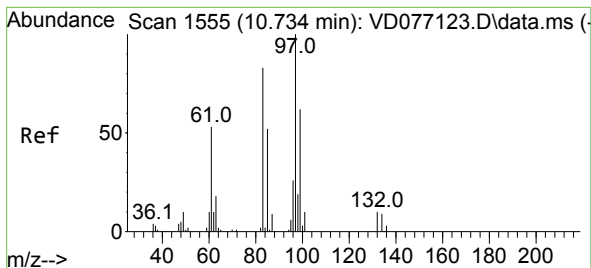
Tgt Ion: 75 Resp: 221066
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 51.905 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion: 75 Resp: 261568
 Ion Ratio Lower Upper
 75 100
 77 33.3 25.5 38.3
 39 34.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 51.176 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 129679

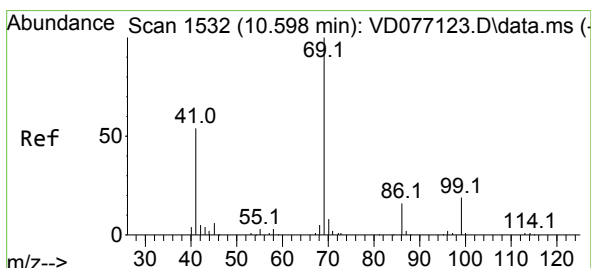
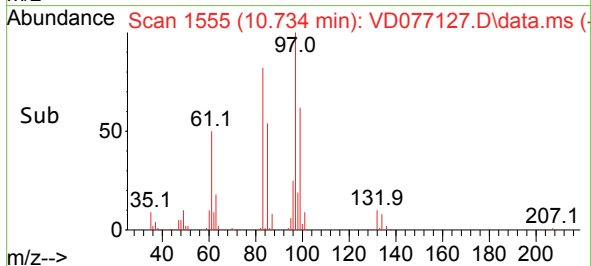
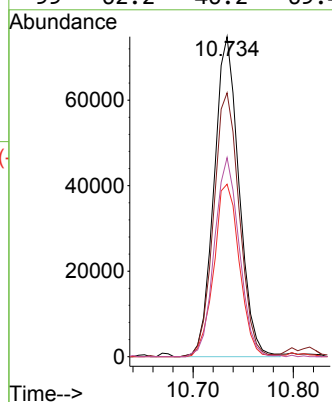
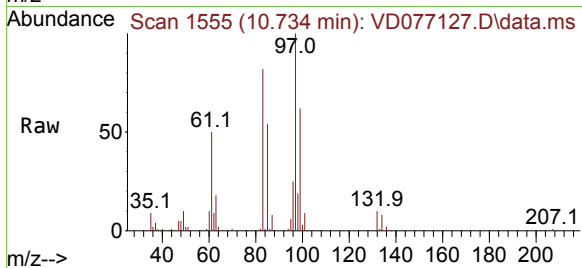
Ion Ratio Lower Upper

97 100

83 82.4 65.8 98.6

85 53.9 45.7 68.5

99 62.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 55.312 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

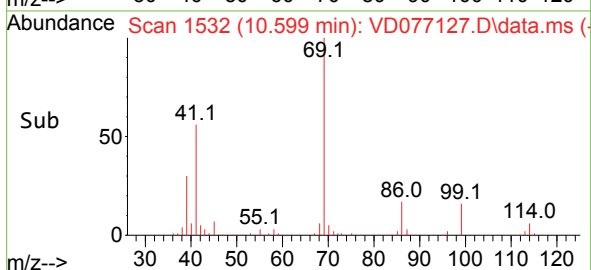
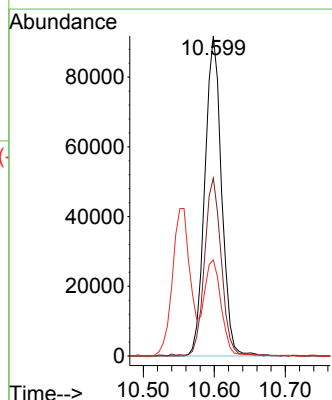
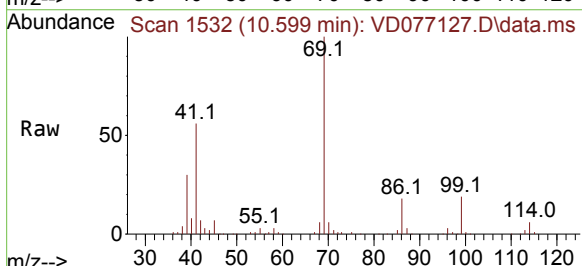
Tgt Ion: 69 Resp: 150578

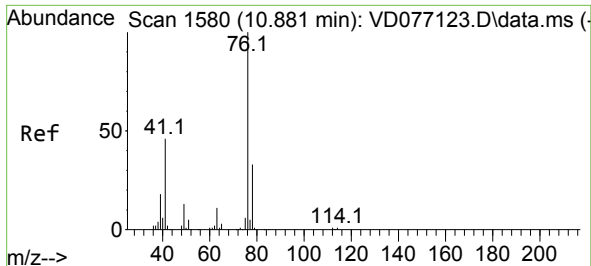
Ion Ratio Lower Upper

69 100

41 55.9 39.1 58.7

39 31.2 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 51.273 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

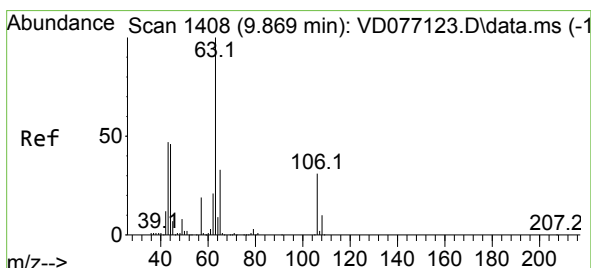
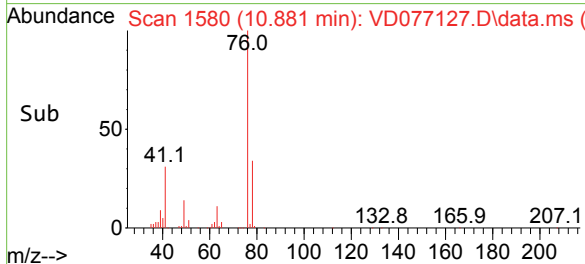
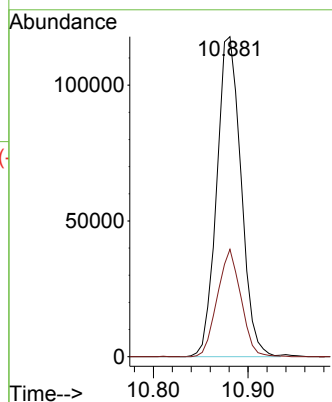
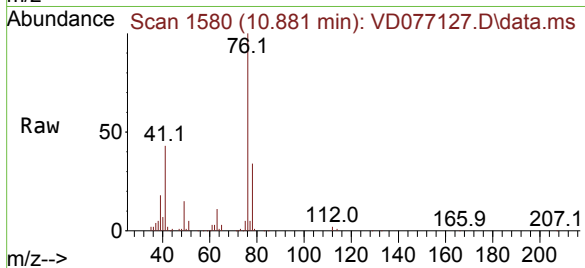
ClientSampleId :

Tgt Ion: 76 Resp: 210328

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 264.612 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077127.D

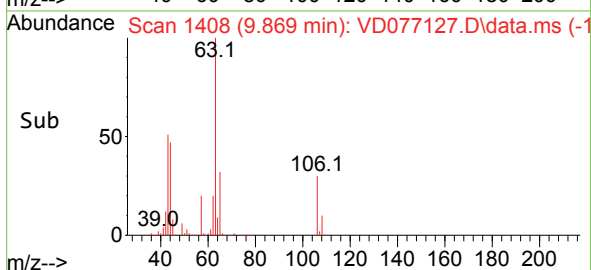
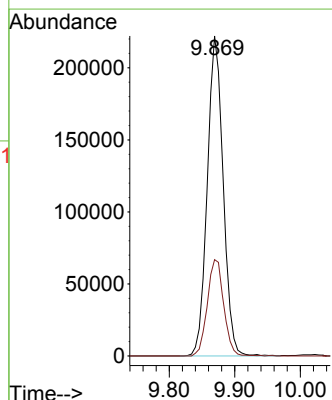
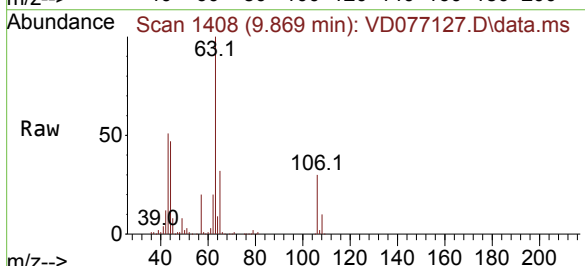
Acq: 18 Sep 2023 13:37

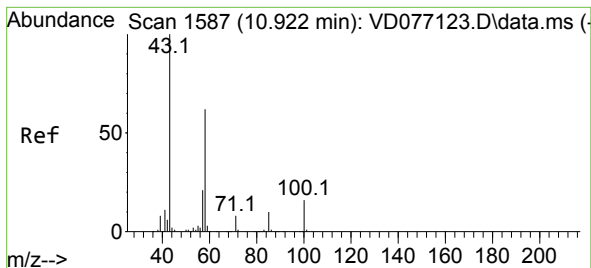
Tgt Ion: 63 Resp: 374908

Ion Ratio Lower Upper

63 100

106 31.0 25.3 37.9

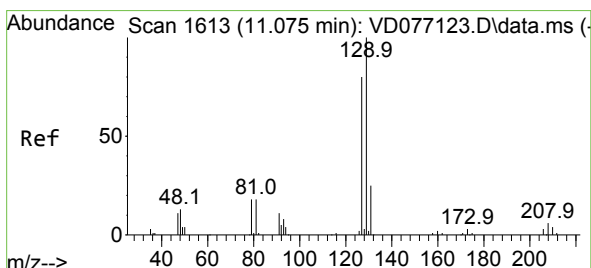
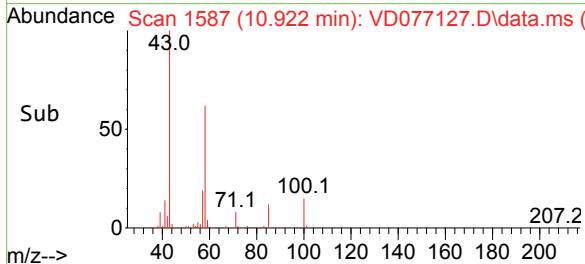
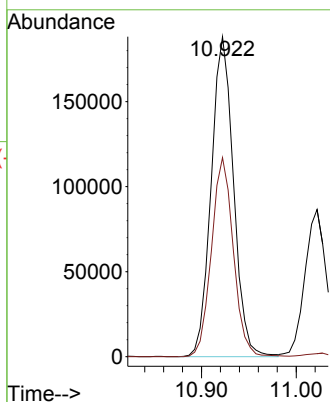
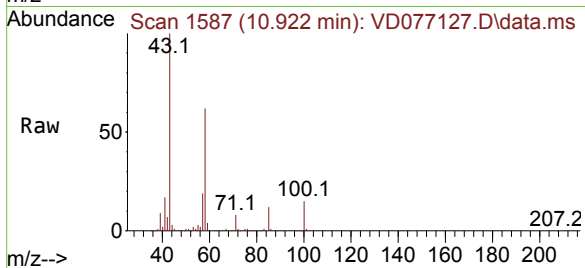




#59
2-Hexanone
Concen: 272.548 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

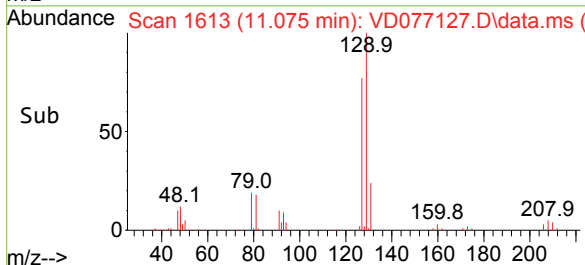
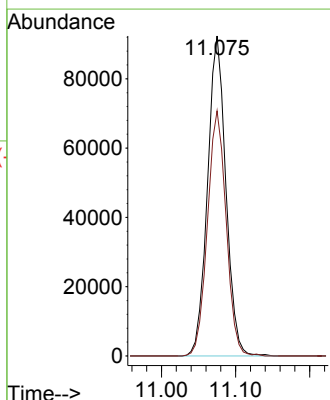
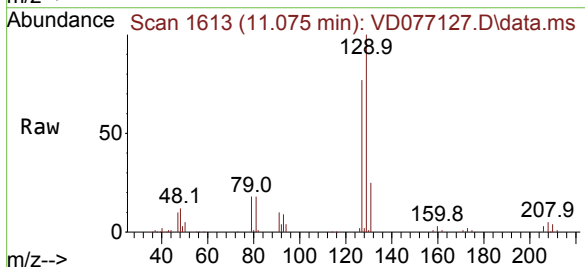
Instrument :
MSVOA_D
ClientSampleId :

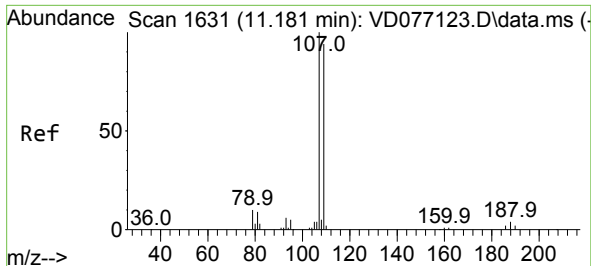
Tgt Ion: 43 Resp: 308225
Ion Ratio Lower Upper
43 100
58 60.8 34.1 102.2



#60
Dibromochloromethane
Concen: 51.209 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion:129 Resp: 158934
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

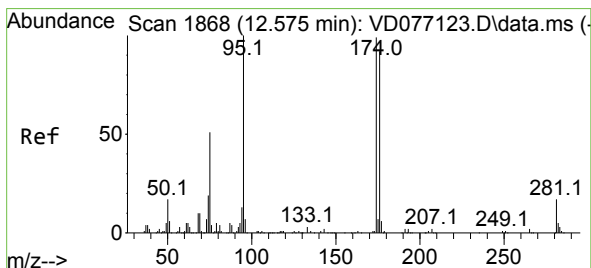
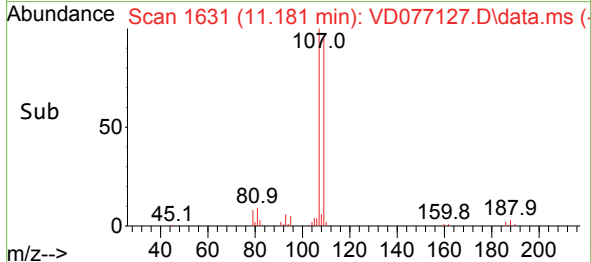
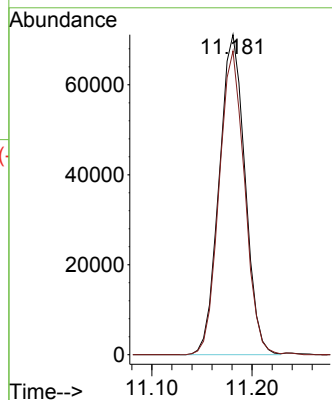
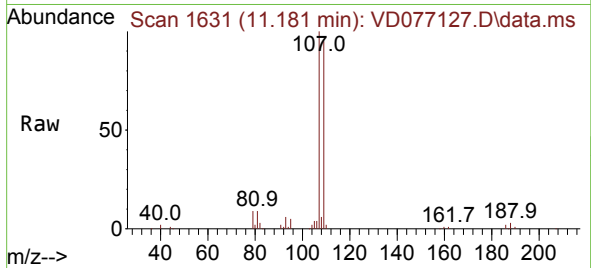




#61
1,2-Dibromoethane
Concen: 51.907 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

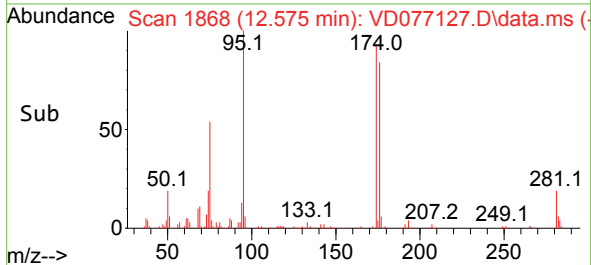
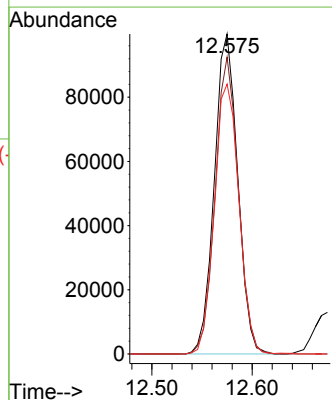
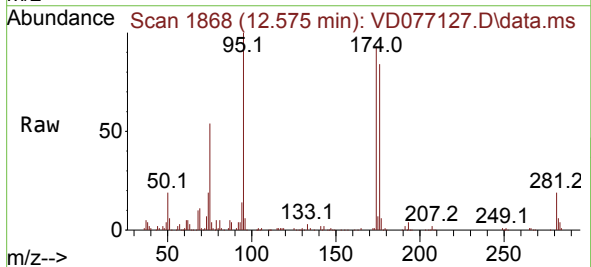
Instrument :
MSVOA_D
ClientSampleId :

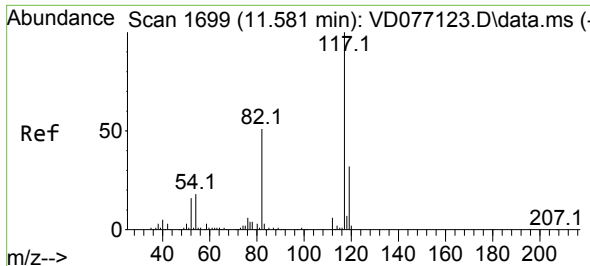
Tgt Ion:107 Resp: 127156
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.484 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

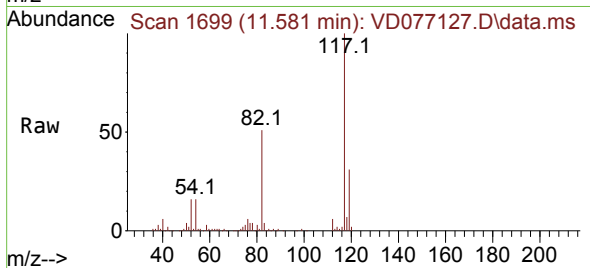
Tgt Ion: 95 Resp: 160905
Ion Ratio Lower Upper
95 100
174 92.2 0.0 201.8
176 88.6 0.0 191.8



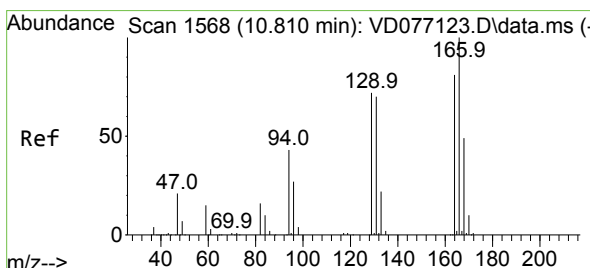
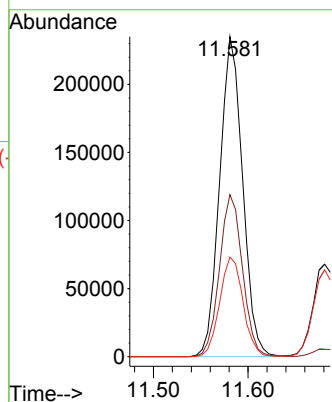
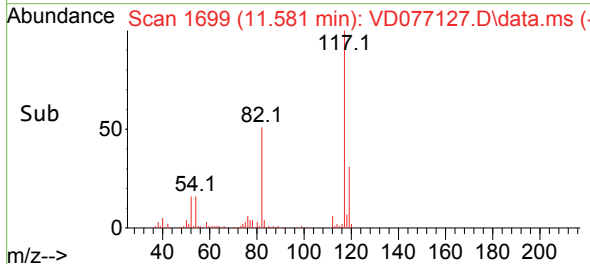


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

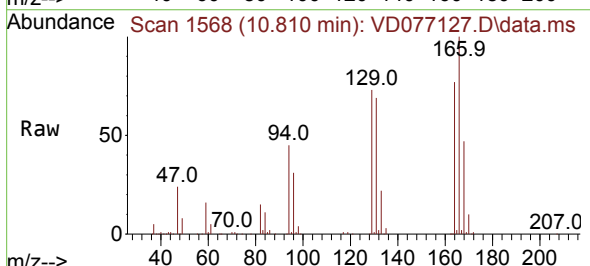
Instrument :
MSVOA_D
ClientSampleId :



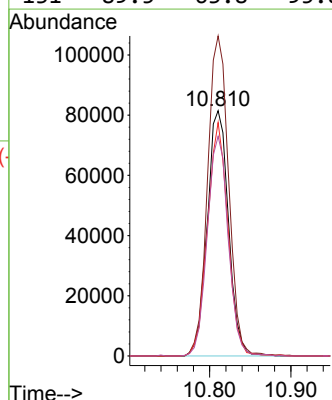
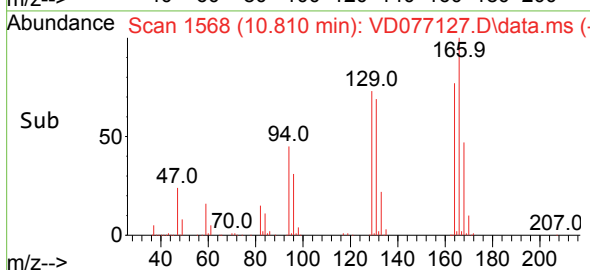
Tgt Ion:117 Resp: 396221
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 31.1 25.0 37.4

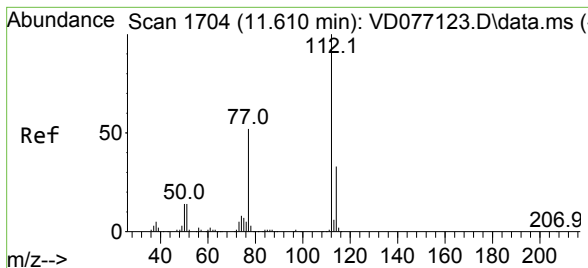


#64
Tetrachloroethene
Concen: 48.054 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37



Tgt Ion:164 Resp: 148138
Ion Ratio Lower Upper
164 100
166 130.4 99.2 148.8
129 95.2 68.4 102.6
131 89.5 63.8 95.8





#65

Chlorobenzene

Concen: 49.432 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

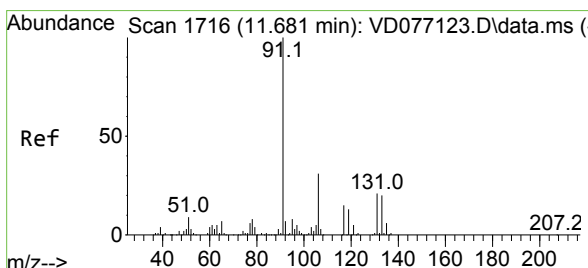
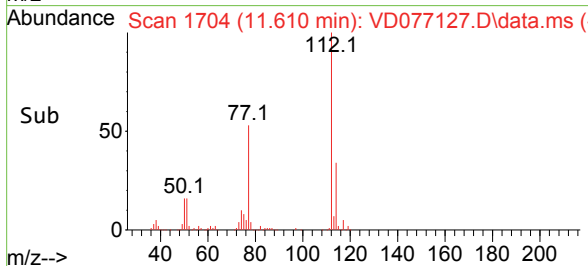
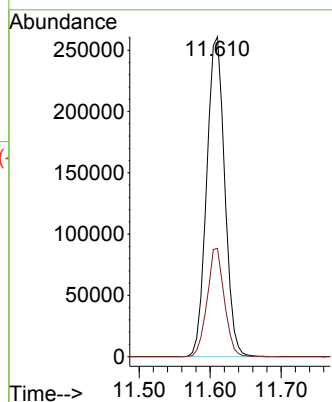
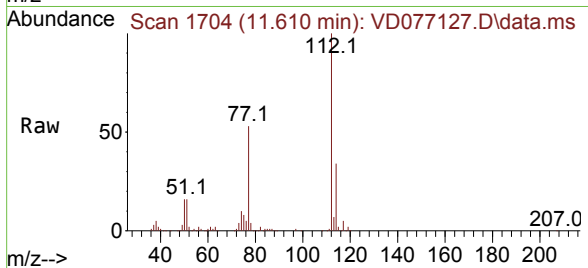
ClientSampleId :

Tgt Ion:112 Resp: 460751

Ion Ratio Lower Upper

112 100

114 33.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 49.077 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

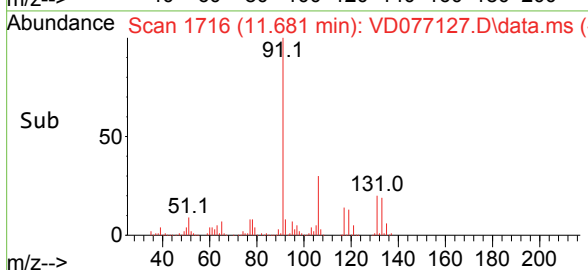
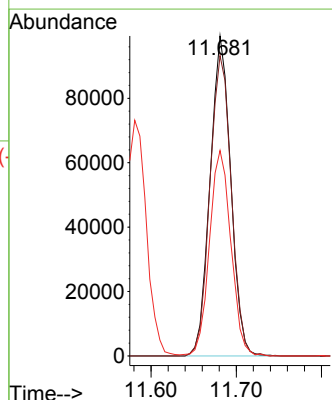
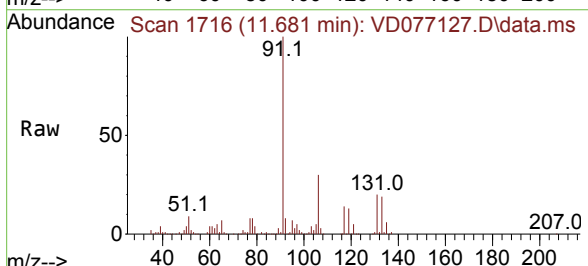
Tgt Ion:131 Resp: 167353

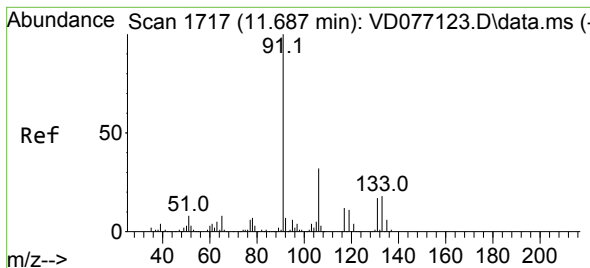
Ion Ratio Lower Upper

131 100

133 97.3 48.5 145.5

119 66.6 35.6 106.9





#67

Ethyl Benzene

Concen: 50.304 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

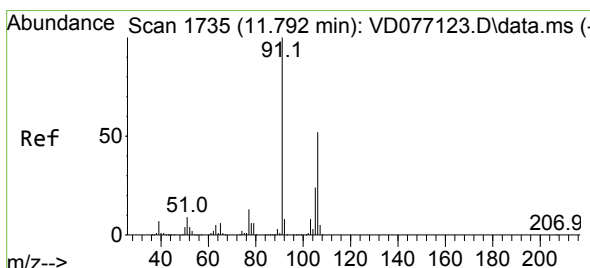
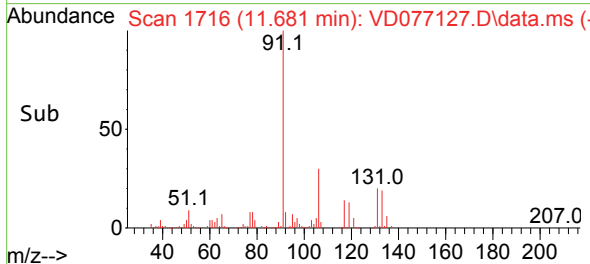
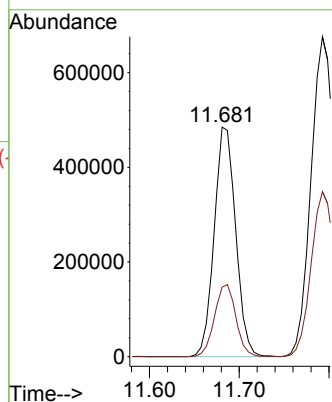
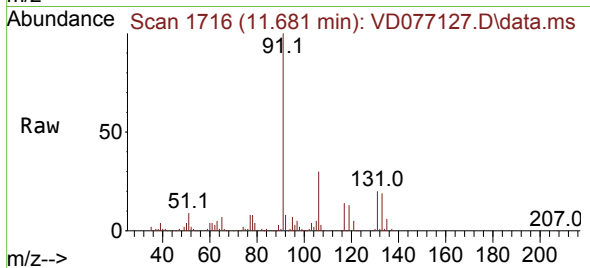
ClientSampleId :

Tgt Ion: 91 Resp: 805923

Ion Ratio Lower Upper

91 100

106 30.2 26.5 39.7



#68

m/p-Xylenes

Concen: 101.610 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077127.D

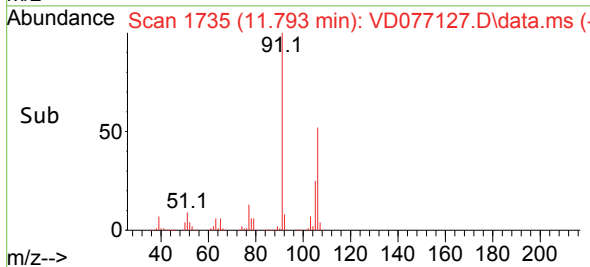
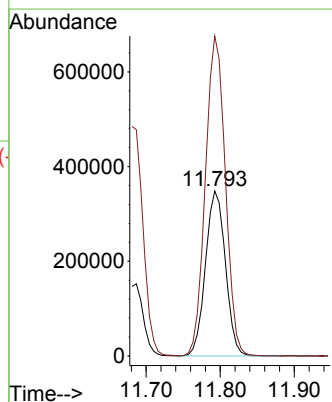
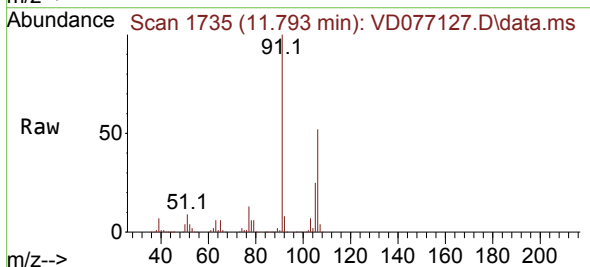
Acq: 18 Sep 2023 13:37

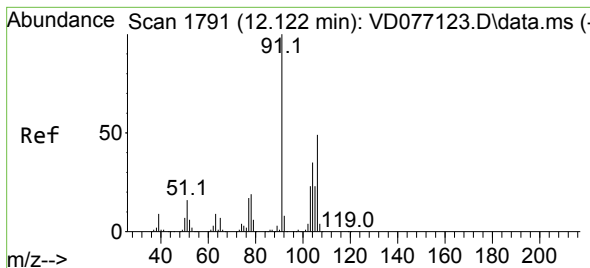
Tgt Ion:106 Resp: 651801

Ion Ratio Lower Upper

106 100

91 194.2 147.0 220.6





#69

o-Xylene

Concen: 51.261 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

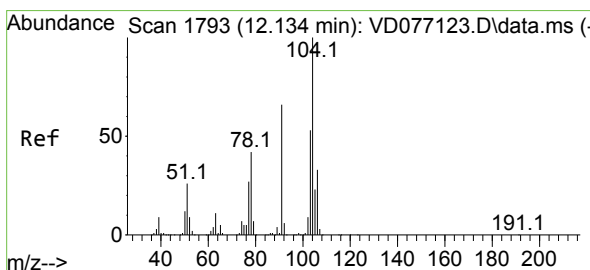
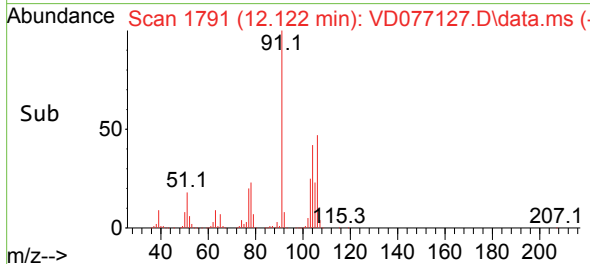
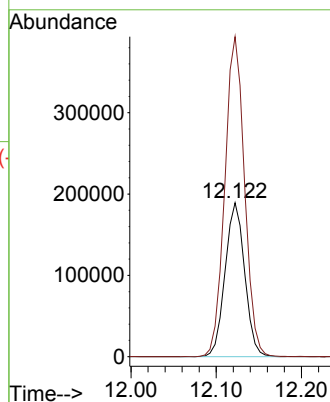
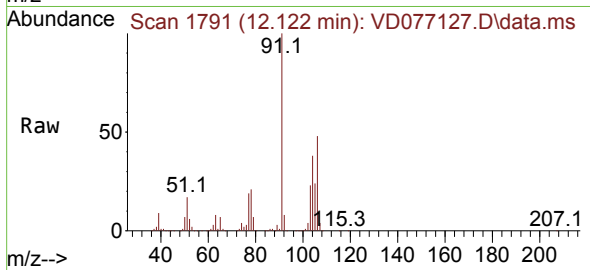
ClientSampleId :

Tgt Ion:106 Resp: 301817

Ion Ratio Lower Upper

106 100

91 209.8 97.9 293.6



#70

Styrene

Concen: 53.119 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

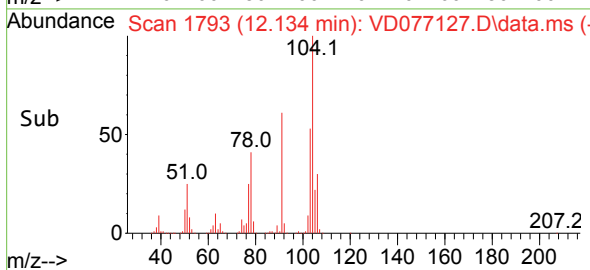
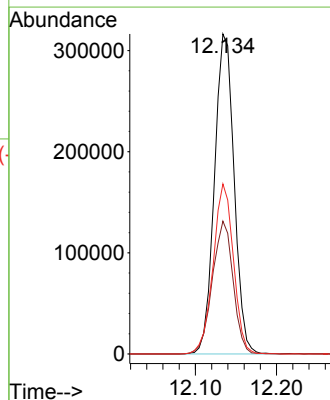
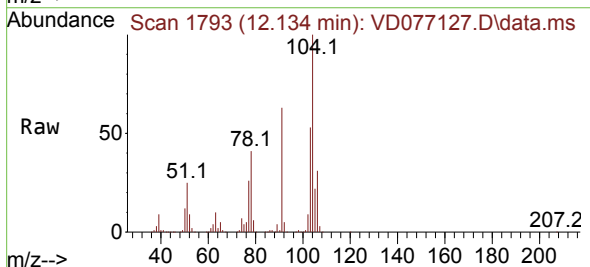
Tgt Ion:104 Resp: 532834

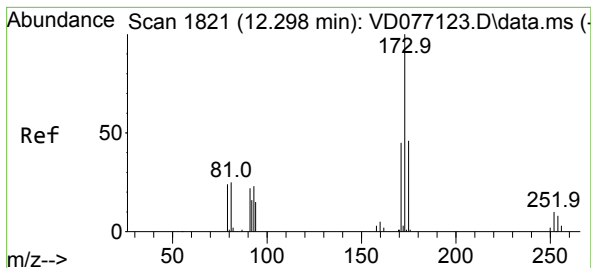
Ion Ratio Lower Upper

104 100

78 43.9 33.2 49.8

103 54.9 43.6 65.4





#71

Bromoform

Concen: 50.979 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077127.D

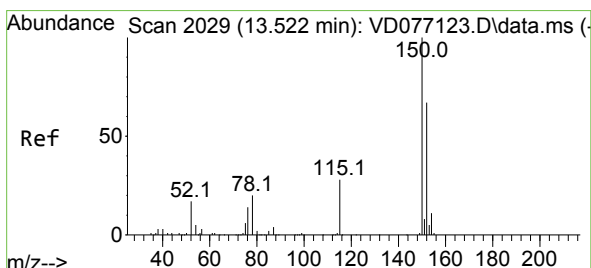
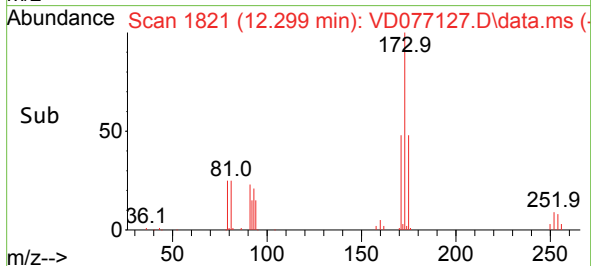
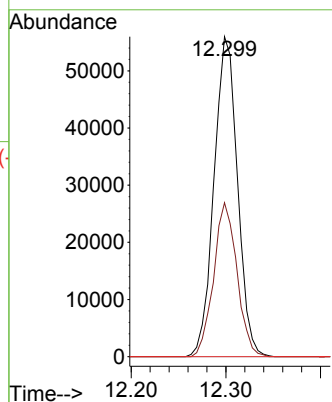
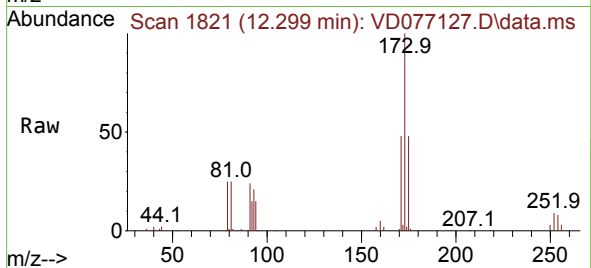
Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	96361
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

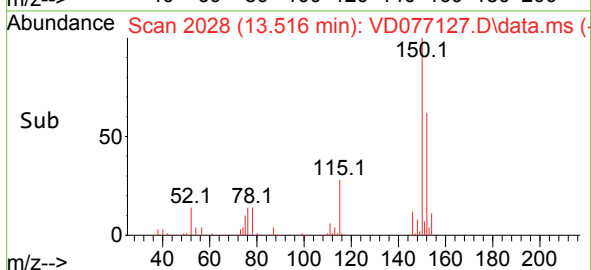
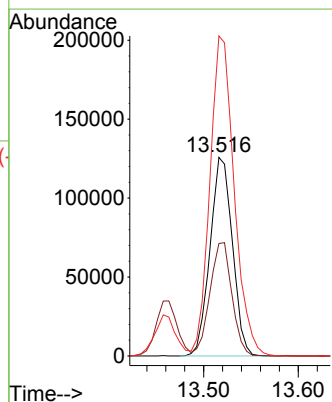
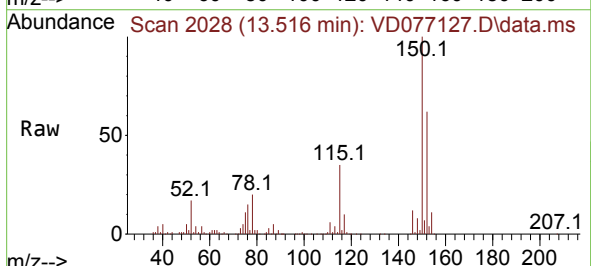
RT: 13.516 min Scan# 2028

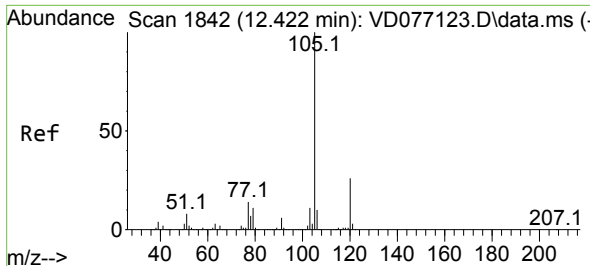
Delta R.T. -0.006 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Tgt Ion:	152	Resp:	206688
Ion Ratio	Lower	Upper	
152	100		
115	56.3	27.1	81.3
150	174.4	0.0	353.6

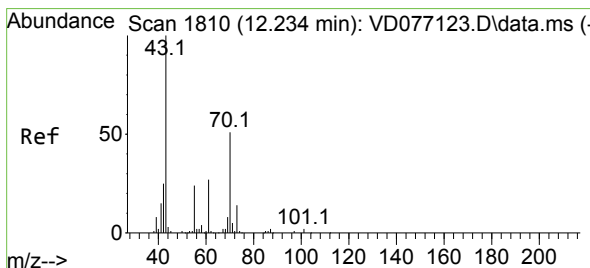
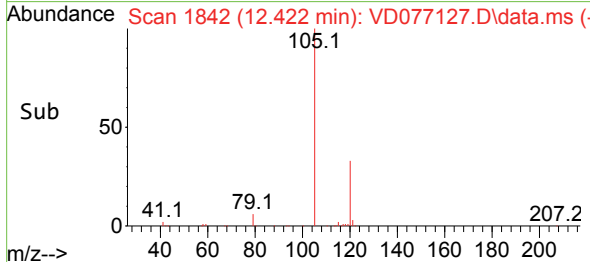
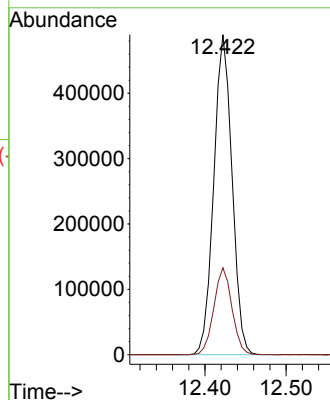
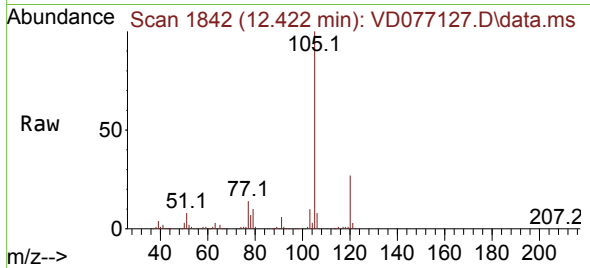




#73
Isopropylbenzene
Concen: 50.052 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

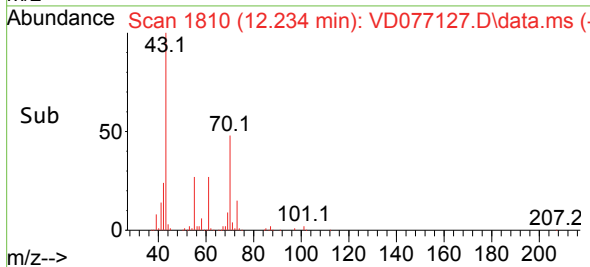
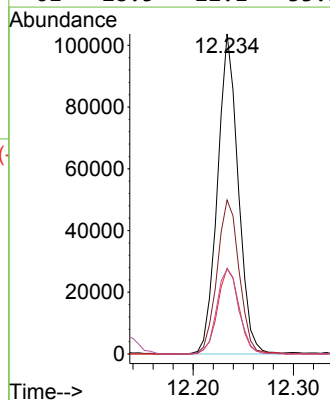
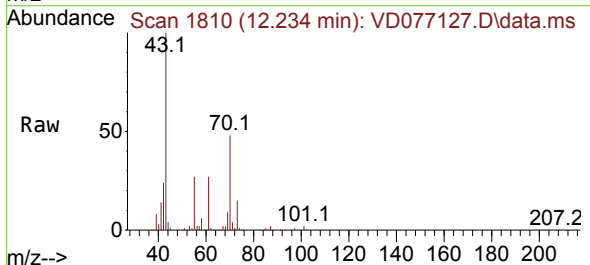
Instrument :
MSVOA_D
ClientSampleId :

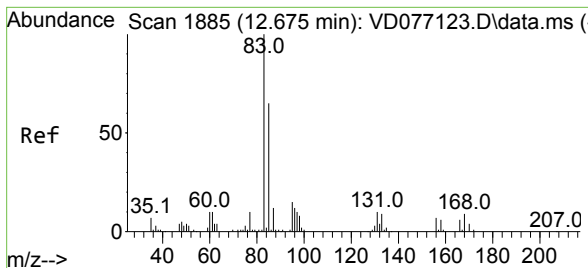
Tgt Ion:105 Resp: 764402
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 51.803 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 43 Resp: 148612
Ion Ratio Lower Upper
43 100
70 51.2 45.0 67.4
55 28.0 23.8 35.6
61 28.5 22.1 33.1

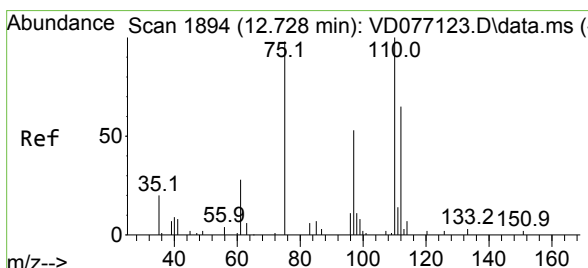
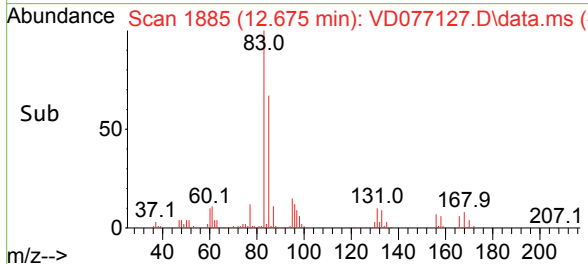
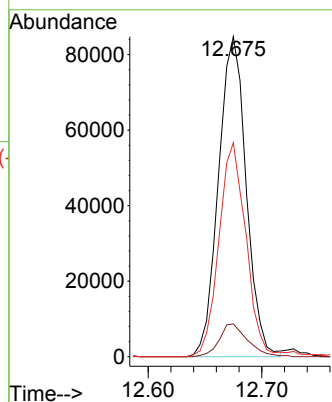
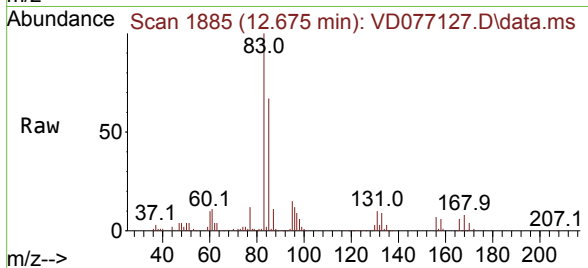




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.857 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

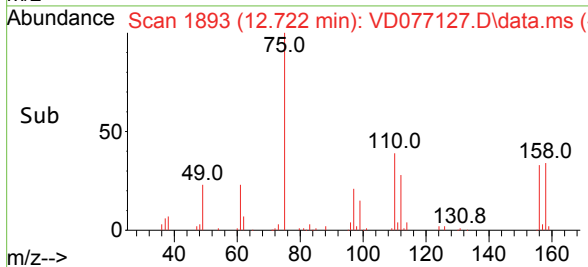
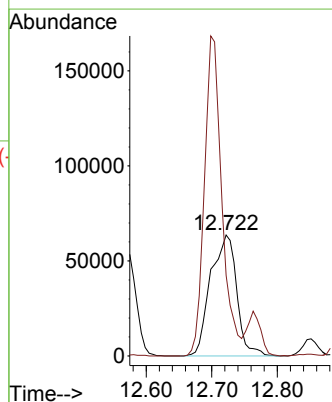
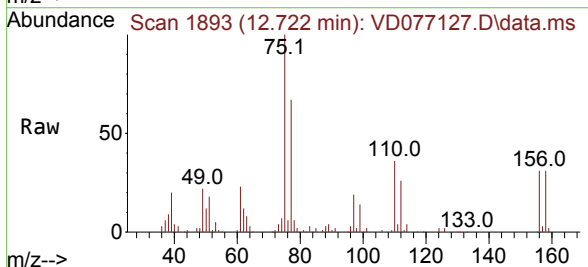
Instrument :
 MSVOA_D
 ClientSampleId :

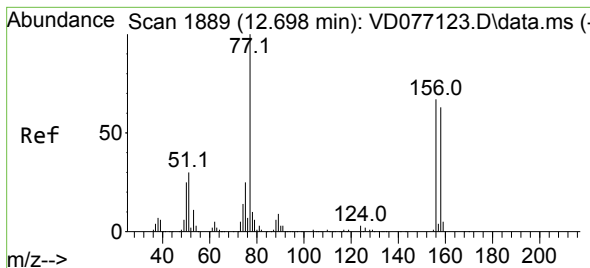
Tgt Ion: 83 Resp: 143692
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.1 15.3
 85 66.3 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 106.932 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion: 75 Resp: 176298
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.007 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

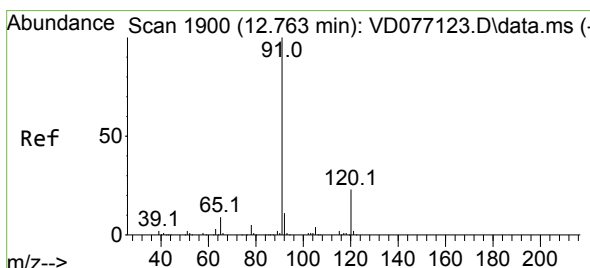
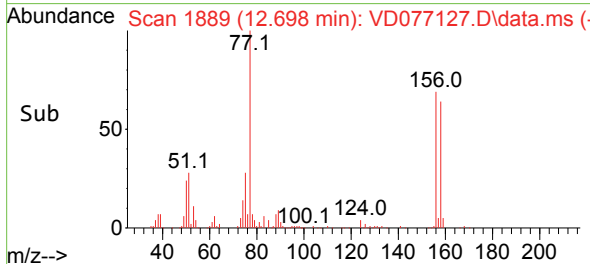
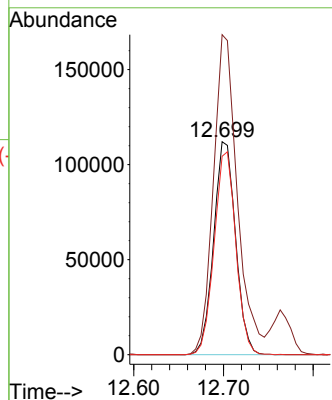
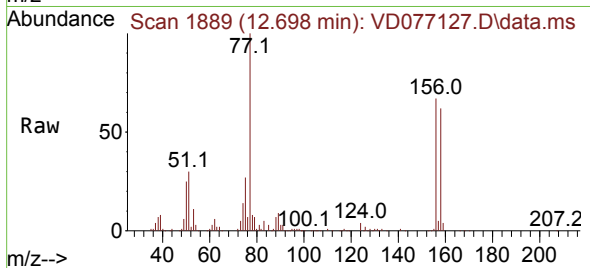
Tgt Ion:156 Resp: 190164

Ion Ratio Lower Upper

156 100

77 164.4 76.8 230.4

158 94.3 48.6 145.9



#78

n-propylbenzene

Concen: 50.096 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077127.D

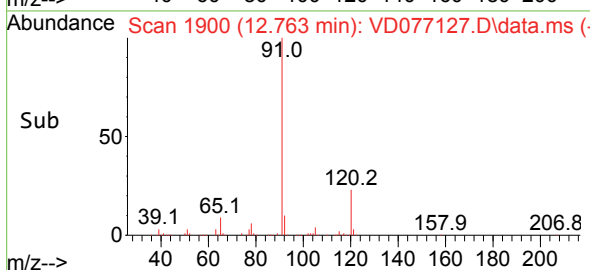
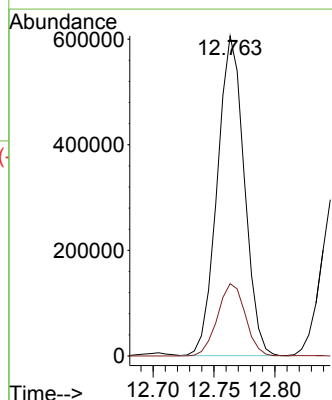
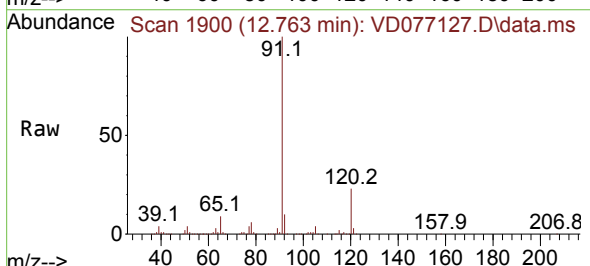
Acq: 18 Sep 2023 13:37

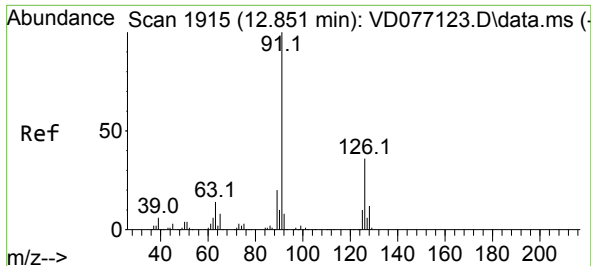
Tgt Ion: 91 Resp: 935162

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

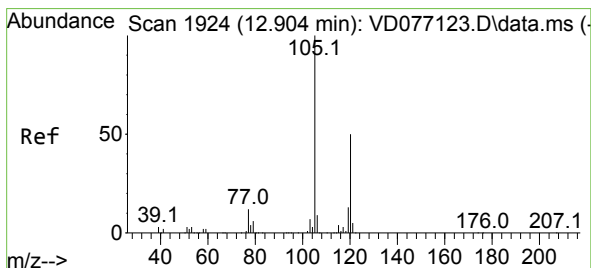
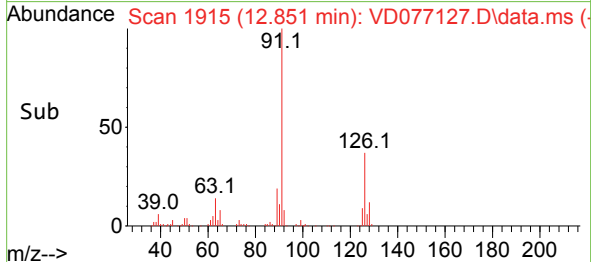
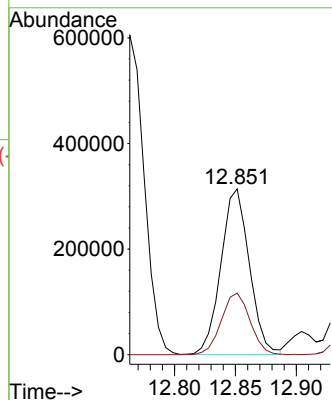
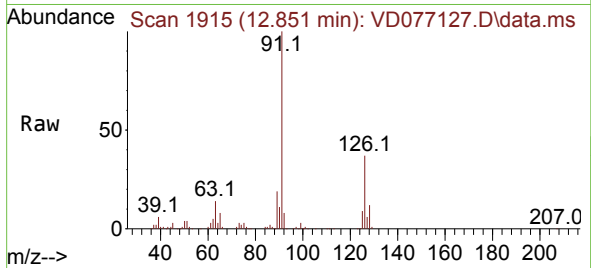




#79
2-Chlorotoluene
Concen: 49.612 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

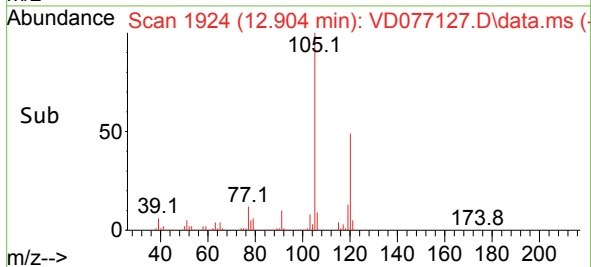
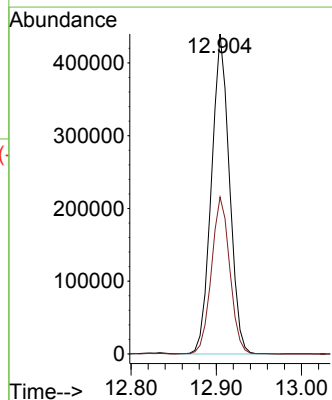
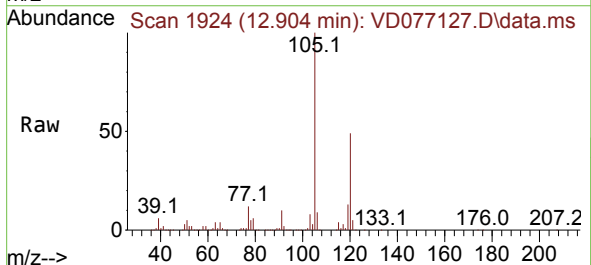
Instrument :
MSVOA_D
ClientSampleId :

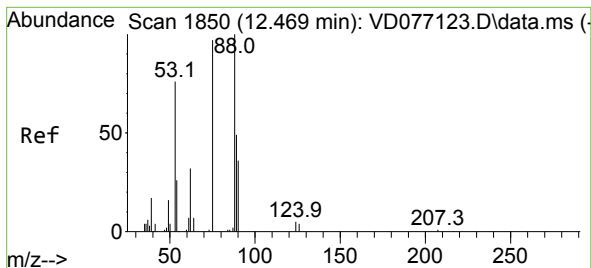
Tgt Ion: 91 Resp: 510718
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 50.585 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 105 Resp: 645187
Ion Ratio Lower Upper
105 100
120 50.0 26.4 79.2

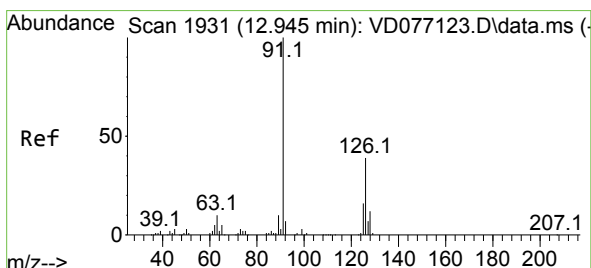
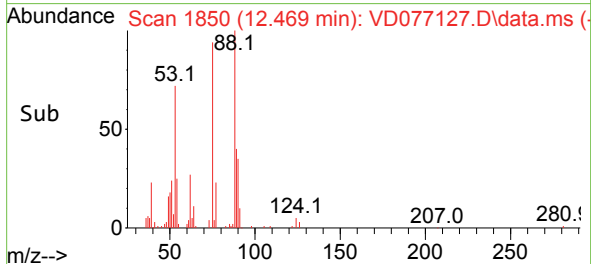
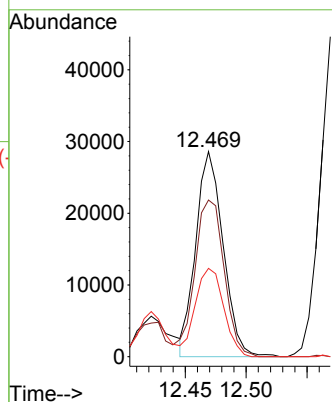
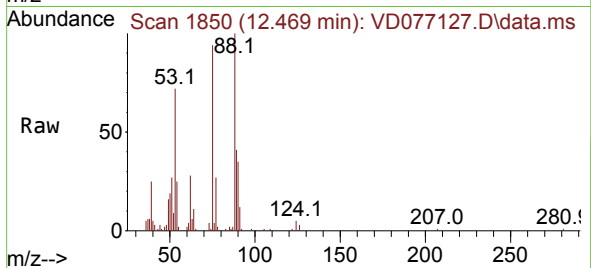




#81
trans-1,4-Dichloro-2-butene
Concen: 51.471 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

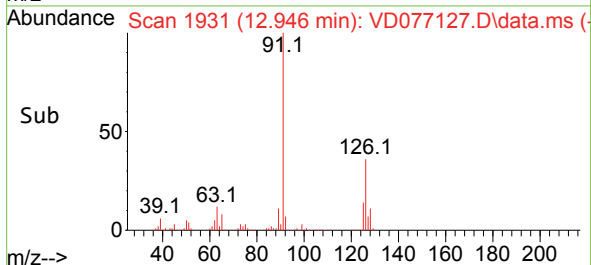
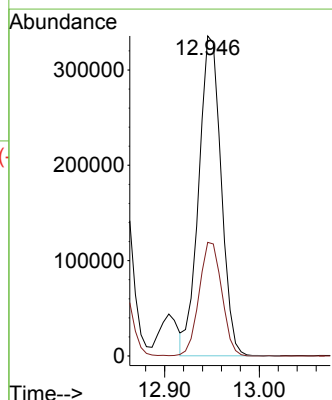
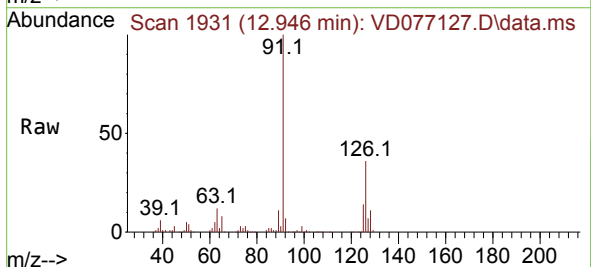
Instrument :
MSVOA_D
ClientSampleId :

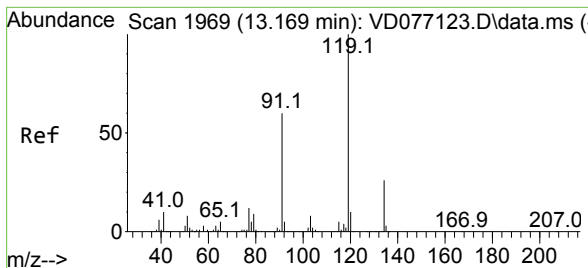
Tgt Ion: 75 Resp: 44833
Ion Ratio Lower Upper
75 100
53 82.2 63.0 94.4
89 44.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 50.731 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077127.D
Acq: 18 Sep 2023 13:37

Tgt Ion: 91 Resp: 548868
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 50.366 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

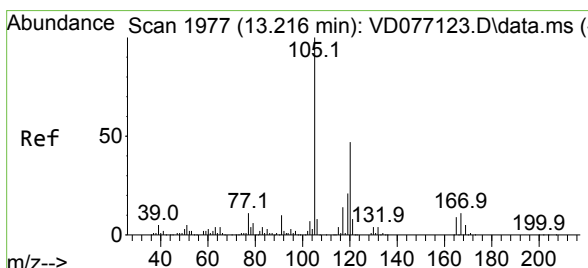
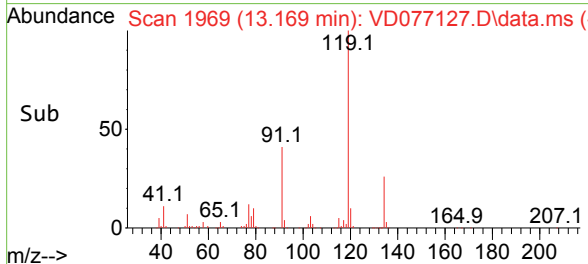
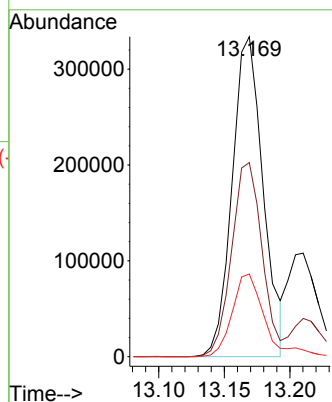
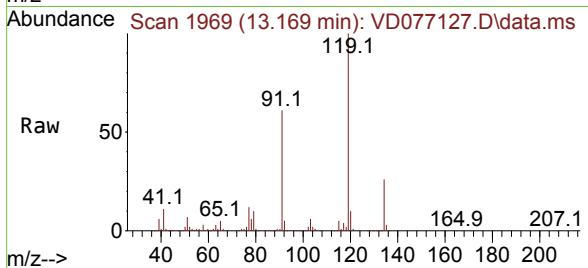
Tgt Ion:119 Resp: 548831

Ion Ratio Lower Upper

119 100

91 59.6 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 50.657 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077127.D

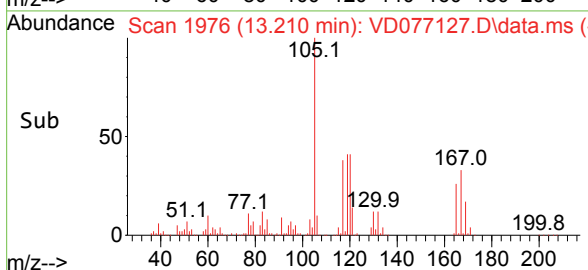
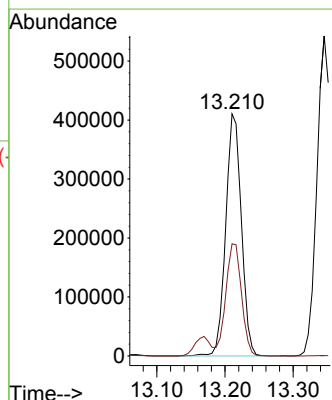
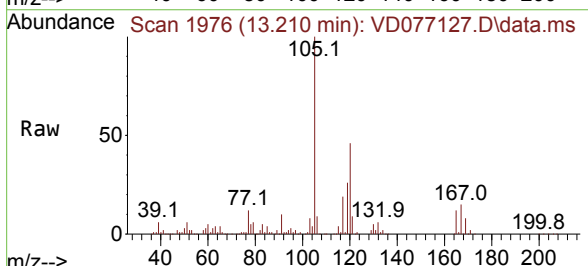
Acq: 18 Sep 2023 13:37

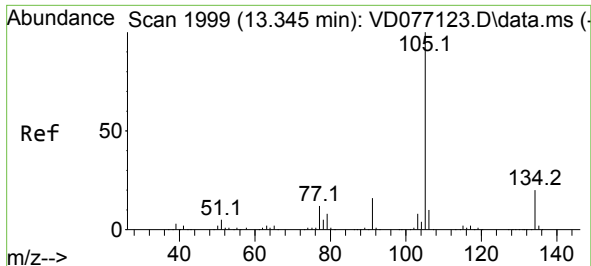
Tgt Ion:105 Resp: 655155

Ion Ratio Lower Upper

105 100

120 46.1 24.3 72.9

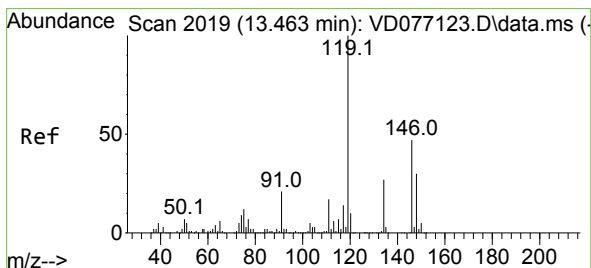
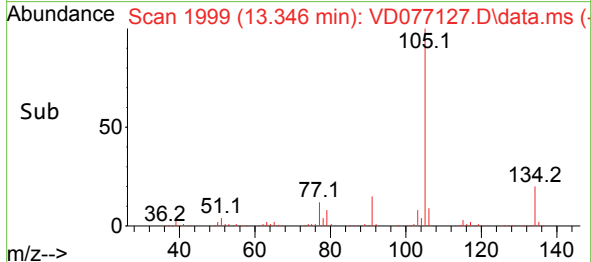
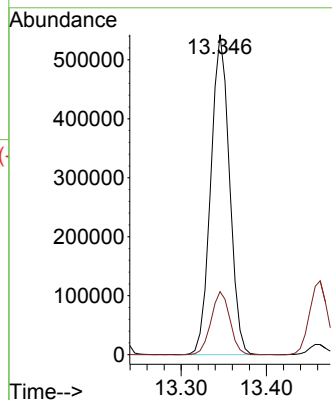
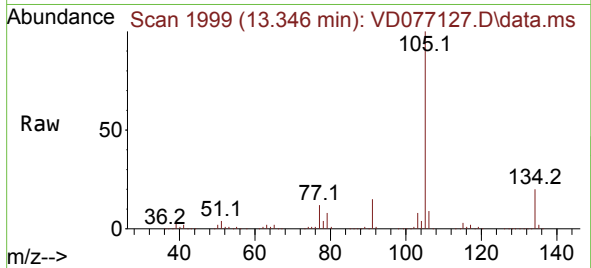




#85
 sec-Butylbenzene
 Concen: 50.545 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

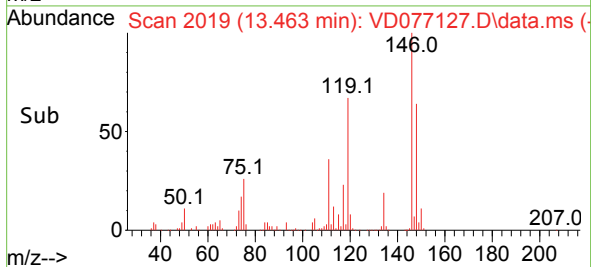
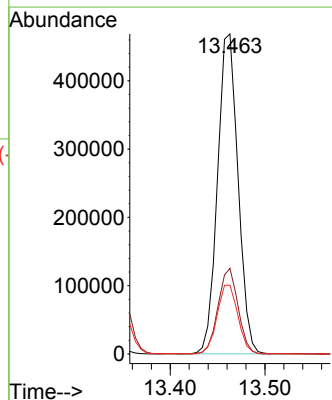
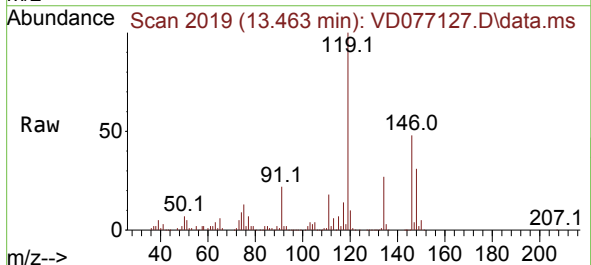
Instrument :
 MSVOA_D
 ClientSampleId :

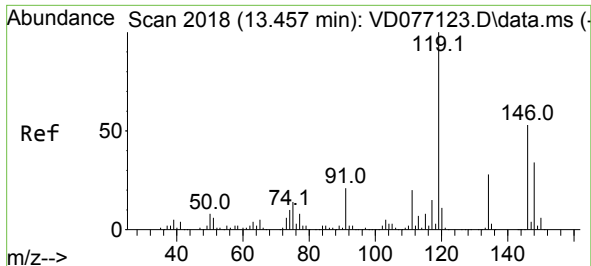
Tgt Ion:105 Resp: 826500
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 50.914 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion:119 Resp: 706270
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 21.9 10.5 31.5

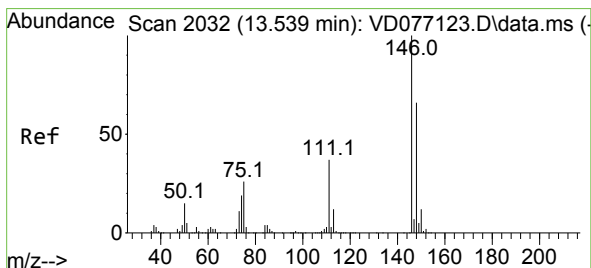
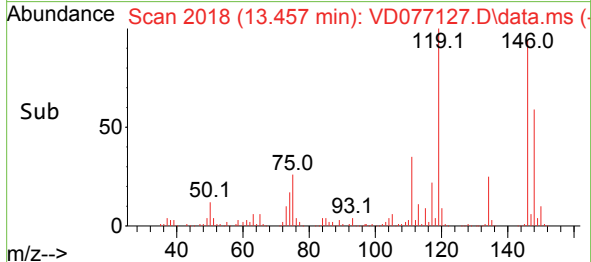
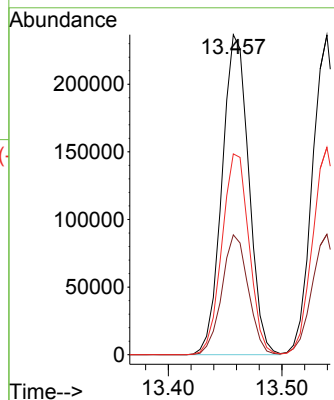
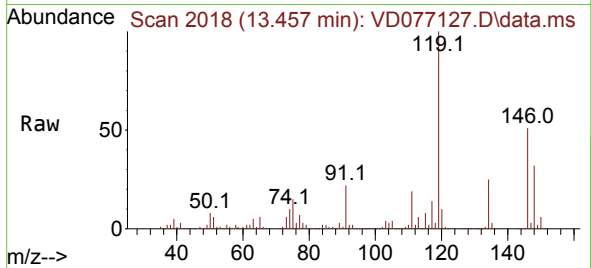




#87
 1,3-Dichlorobenzene
 Concen: 49.502 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

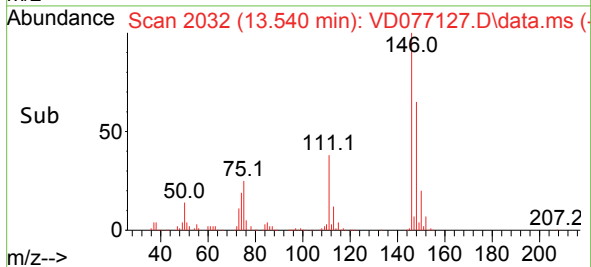
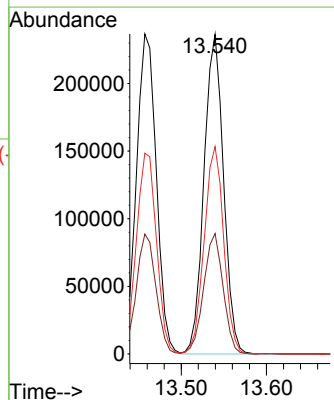
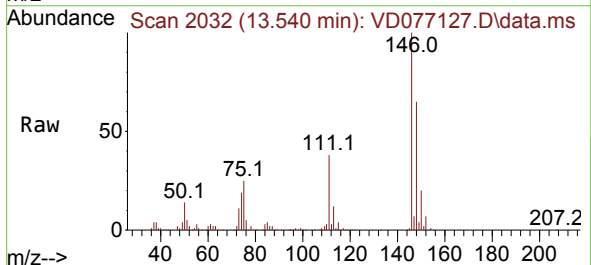
Instrument :
 MSVOA_D
 ClientSampleId :

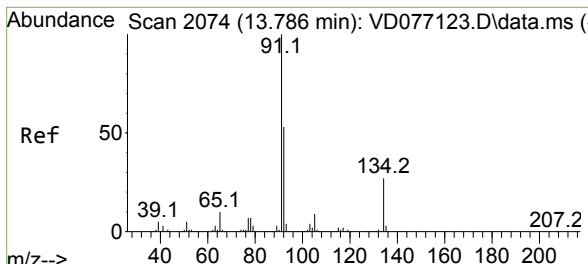
Tgt Ion:146 Resp: 387140
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.9 53.8
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 48.975 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

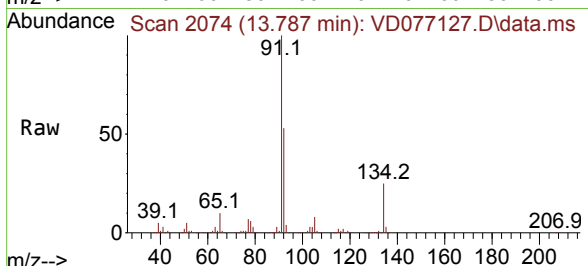
Tgt Ion:146 Resp: 376847
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.4 52.3
 148 64.8 31.7 95.1



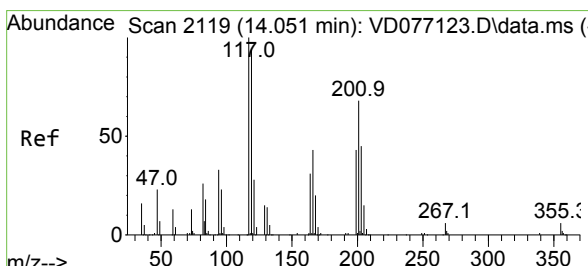
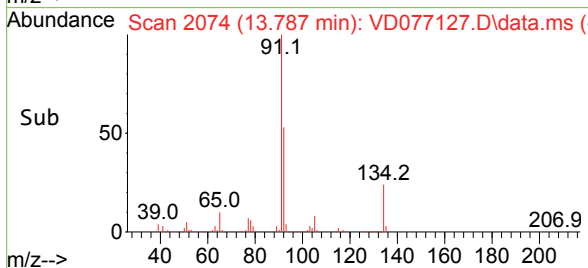
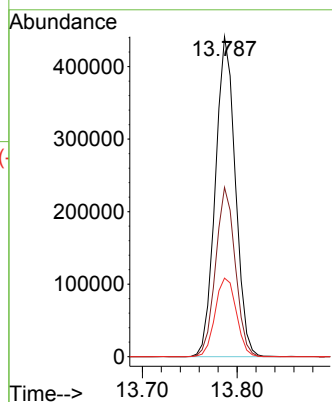


#89
 n-Butylbenzene
 Concen: 50.552 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Instrument :
 MSVOA_D
 ClientSampleId :

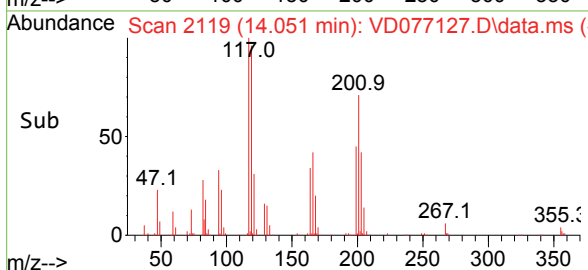
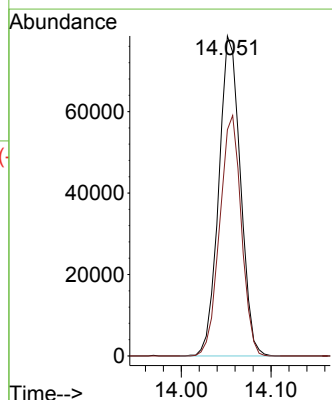
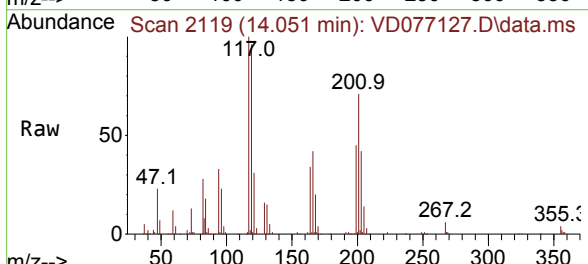


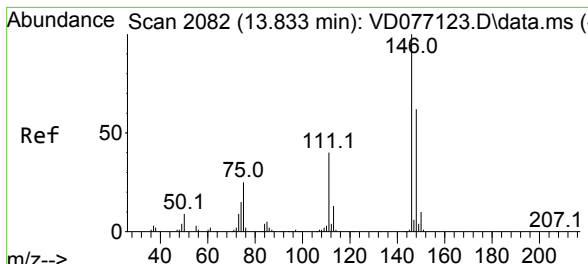
Tgt Ion:	91	Resp:	646893
Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.5	79.5
134	26.1	13.8	41.3



#90
 Hexachloroethane
 Concen: 47.810 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion:	117	Resp:	131528
Ion	Ratio	Lower	Upper
117	100		
201	74.9	38.5	115.5

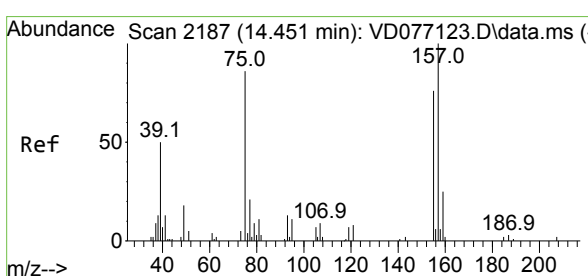
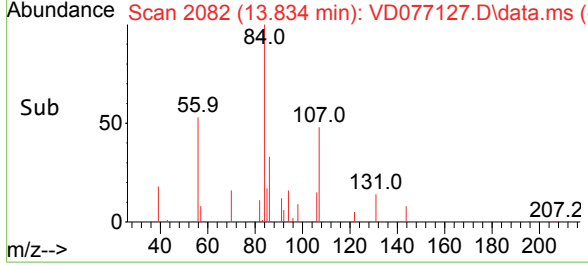
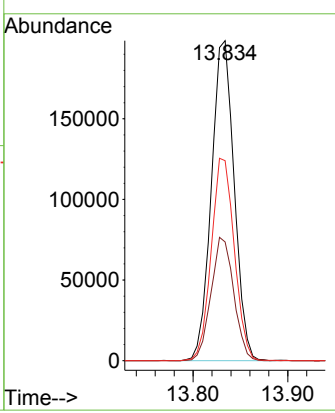
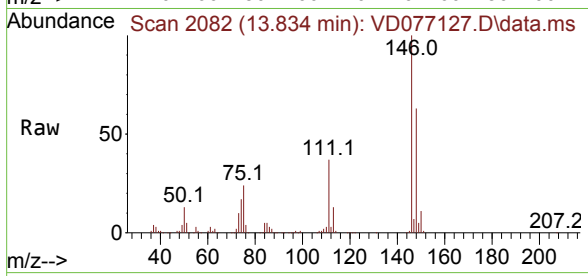




#91
 1,2-Dichlorobenzene
 Concen: 49.592 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

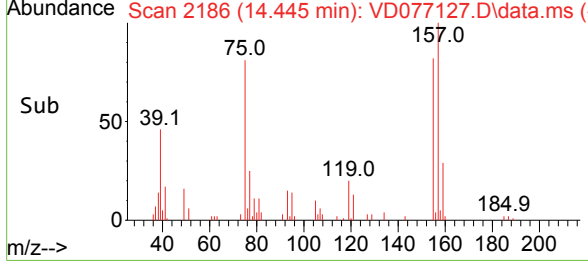
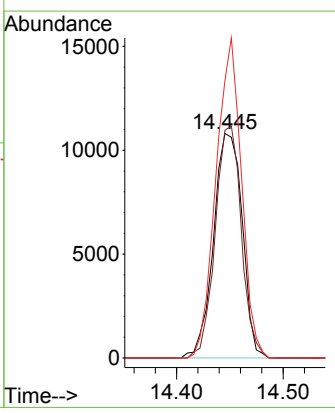
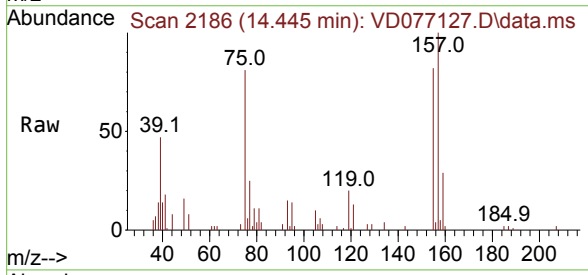
Instrument :
 MSVOA_D
 ClientSampleId :

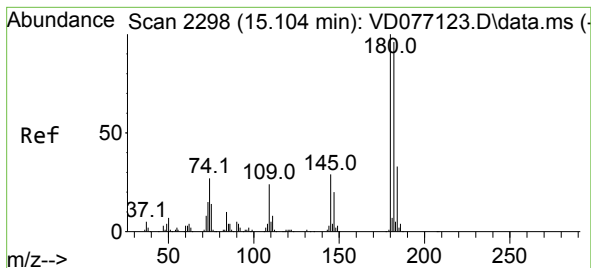
Tgt Ion:	146	Resp:	332536
Ion Ratio	Lower	Upper	
146	100		
111	38.4	18.3	54.8
148	64.0	31.6	94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.456 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077127.D
 Acq: 18 Sep 2023 13:37

Tgt Ion:	75	Resp:	20187
Ion Ratio	Lower	Upper	
75	100		
155	94.0	47.9	143.8
157	126.6	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.871 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.006 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

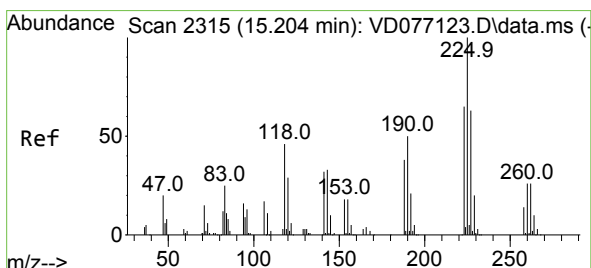
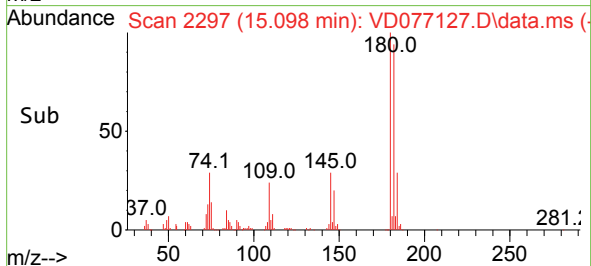
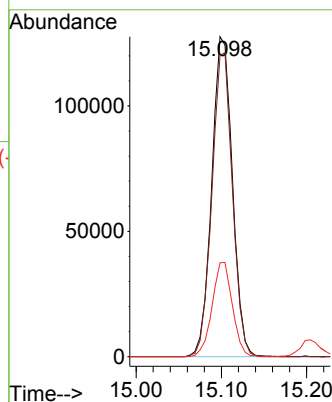
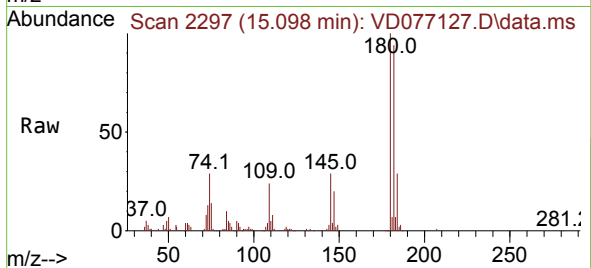
Tgt Ion:180 Resp: 214586

Ion Ratio Lower Upper

180 100

182 94.3 48.5 145.6

145 28.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.419 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

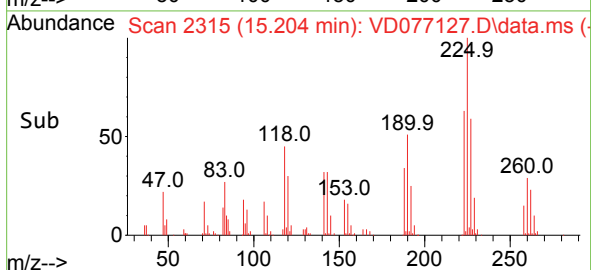
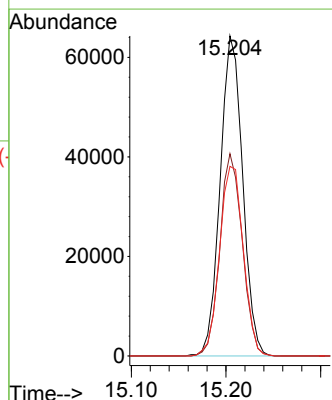
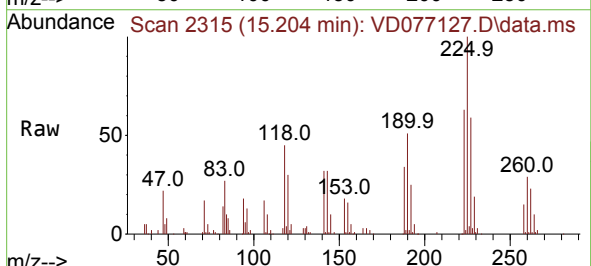
Tgt Ion:225 Resp: 106144

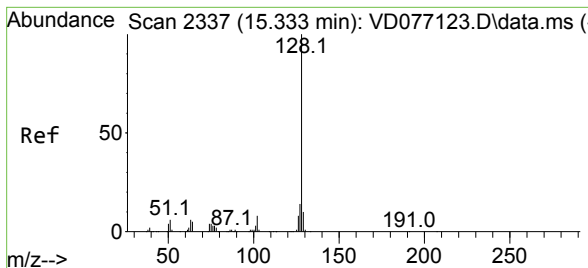
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 62.7 31.7 95.1





#95

Naphthalene

Concen: 54.182 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Instrument :

MSVOA_D

ClientSampleId :

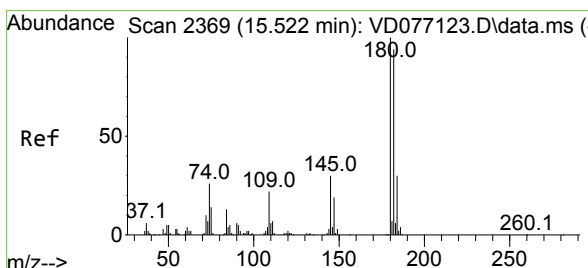
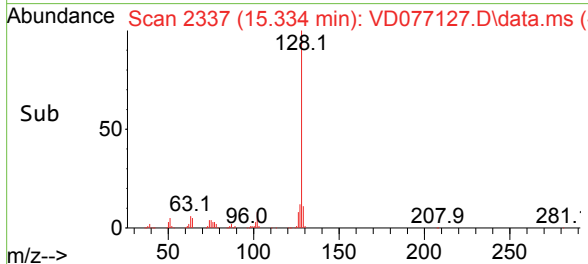
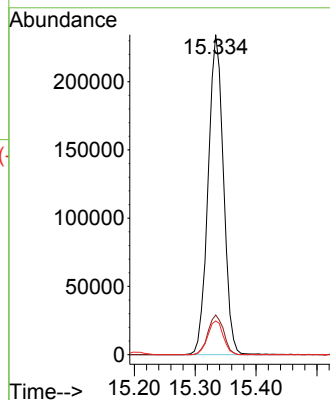
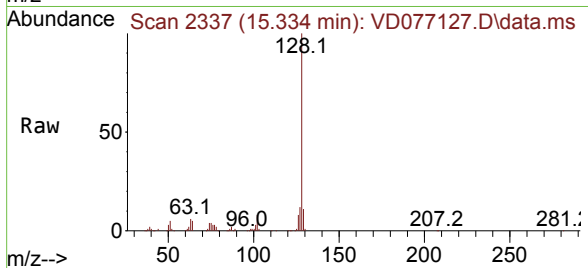
Tgt Ion:128 Resp: 411015

Ion Ratio Lower Upper

128 100

127 12.4 10.5 15.7

129 10.6 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.991 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077127.D

Acq: 18 Sep 2023 13:37

Tgt Ion:180 Resp: 191175

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.9

145 30.8 15.1 45.3

