

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076739.D
 Acq On : 14 Jul 2023 13:49
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 17 04:50:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 04:42:51 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	195620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	349566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160869	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	189379	93.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 187.360%#	
35) Dibromofluoromethane	7.805	113	221550	98.103	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 196.200%#	
50) Toluene-d8	10.269	98	770578	95.845	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 191.700%#	
62) 4-Bromofluorobenzene	12.575	95	260687	101.361	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 202.720%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	140465	90.012	ug/l	99
3) Chloromethane	2.146	50	241713	89.272	ug/l	99
4) Vinyl Chloride	2.275	62	328303	91.343	ug/l	100
5) Bromomethane	2.670	94	269833	93.233	ug/l	100
6) Chloroethane	2.822	64	250295	92.289	ug/l	98
7) Trichlorofluoromethane	3.164	101	295663	92.532	ug/l	97
8) Diethyl Ether	3.587	74	108820	98.504	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	192187	91.754	ug/l	97
10) Methyl Iodide	4.158	142	251902	108.474	ug/l	93
11) Tert butyl alcohol	5.058	59	72412	474.139	ug/l	99
12) 1,1-Dichloroethene	3.934	96	182921	93.004	ug/l	87
13) Acrolein	3.793	56	45363	513.498	ug/l	96
14) Allyl chloride	4.558	41	245046	96.208	ug/l	91
15) Acrylonitrile	5.252	53	266852	496.792	ug/l	99
16) Acetone	4.022	43	231039	483.910	ug/l	88
17) Carbon Disulfide	4.264	76	441040	97.386	ug/l	98
18) Methyl Acetate	4.558	43	174621	97.921	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	519397	99.362	ug/l	99
20) Methylene Chloride	4.793	84	257763	104.333	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	217559	96.267	ug/l	98
22) Diisopropyl ether	6.216	45	599807	99.054	ug/l	98
23) Vinyl Acetate	6.152	43	1515915	506.993	ug/l	94
24) 1,1-Dichloroethane	6.105	63	399282	96.766	ug/l	96
25) 2-Butanone	7.081	43	318505	499.114	ug/l	92
26) 2,2-Dichloropropane	7.069	77	342084	95.699	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	281284	100.531	ug/l	97
28) Bromochloromethane	7.422	49	93093	105.440	ug/l	86
29) Tetrahydrofuran	7.446	42	186616	499.209	ug/l	95
30) Chloroform	7.593	83	436355	97.418	ug/l	99
31) Cyclohexane	7.875	56	256017	87.932	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	355810	98.010	ug/l	97
36) 1,1-Dichloropropene	8.005	75	289445	100.957	ug/l	97
37) Ethyl Acetate	7.163	43	132843	102.508	ug/l	97
38) Carbon Tetrachloride	7.987	117	276845	101.238	ug/l	96
39) Methylcyclohexane	9.269	83	325719	99.129	ug/l	99
40) Benzene	8.252	78	914564	100.435	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	67463	85.932	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	240249	100.941	ug/l	97
43) Isopropyl Acetate	8.363	43	255471	101.677	ug/l	94
44) Trichloroethene	9.028	130	248001	100.467	ug/l	93
45) 1,2-Dichloropropane	9.304	63	234258	99.990	ug/l	97
46) Dibromomethane	9.393	93	138627	99.830	ug/l	92
47) Bromodichloromethane	9.581	83	336453	97.765	ug/l	98
48) Methyl methacrylate	9.381	41	115565	100.404	ug/l #	85
49) 1,4-Dioxane	9.381	88	36357	2122.382	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	683303	508.961	ug/l	95
52) Toluene	10.334	92	596917	100.401	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	334168	105.145	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	381222	100.924	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	204444	101.292	ug/l	96
56) Ethyl methacrylate	10.599	69	243261	105.781	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	326907	100.024	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	446452	495.193	ug/l	98
59) 2-Hexanone	10.922	43	491018	511.033	ug/l	93
60) Dibromochloromethane	11.075	129	238690	102.471	ug/l	95
61) 1,2-Dibromoethane	11.175	107	188039	100.191	ug/l	100
64) Tetrachloroethene	10.810	164	184114	98.098	ug/l	91
65) Chlorobenzene	11.610	112	667377	99.467	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	251172	100.234	ug/l	96
67) Ethyl Benzene	11.681	91	1176287	100.814	ug/l	98
68) m/p-Xylenes	11.793	106	924273	206.067	ug/l	91
69) o-Xylene	12.122	106	453783	105.975	ug/l	94
70) Styrene	12.134	104	794298	106.302	ug/l	99
71) Bromoform	12.298	173	142379	104.872	ug/l #	98
73) Isopropylbenzene	12.422	105	1150548	100.065	ug/l	96
74) N-amyl acetate	12.234	43	245817	100.781	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	246196	98.489	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	282198	197.090	ug/l #	100
77) Bromobenzene	12.698	156	264708	98.584	ug/l	88
78) n-propylbenzene	12.763	91	1396720	99.813	ug/l	96
79) 2-Chlorotoluene	12.851	91	772348	99.669	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	950468	101.344	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	73319	102.988	ug/l	98
82) 4-Chlorotoluene	12.945	91	804411	98.942	ug/l	95
83) tert-Butylbenzene	13.163	119	853543	103.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	974087	102.067	ug/l	96
85) sec-Butylbenzene	13.345	105	1263179	99.750	ug/l	95
86) p-Isopropyltoluene	13.457	119	1071451	103.045	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	558389	100.364	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	544228	98.808	ug/l	99
89) n-Butylbenzene	13.787	91	1011805	99.755	ug/l	98
90) Hexachloroethane	14.051	117	197949	101.567	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	478636	97.736	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	33805	93.315	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	301750	100.308	ug/l	97
94) Hexachlorobutadiene	15.204	225	133680	92.963	ug/l	98
95) Naphthalene	15.328	128	670522	105.334	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	268994	101.118	ug/l	98

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QLast Update : Mon Jul 17 04:42:51 2023
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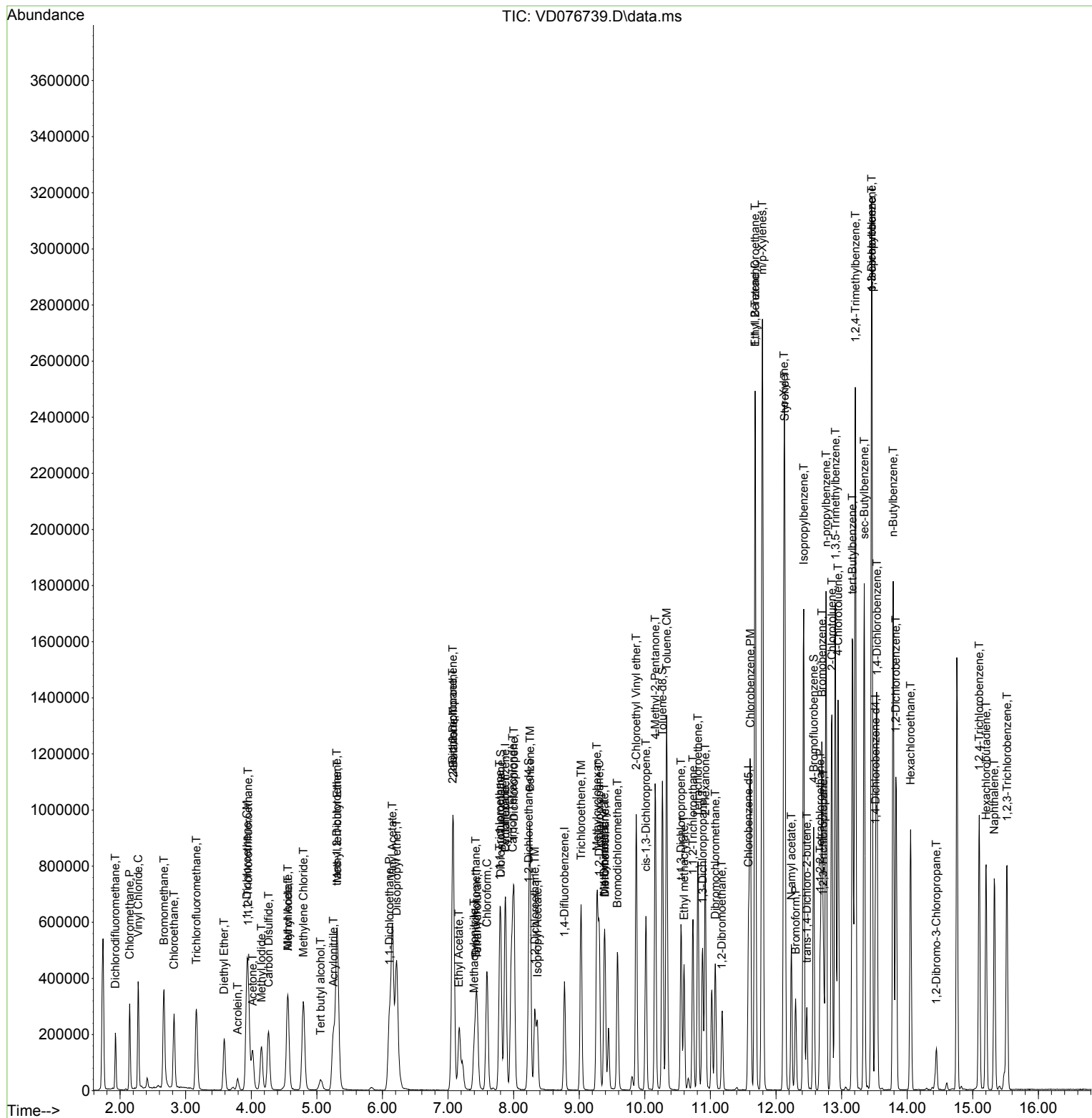
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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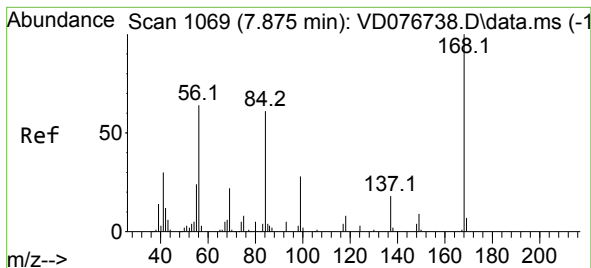
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

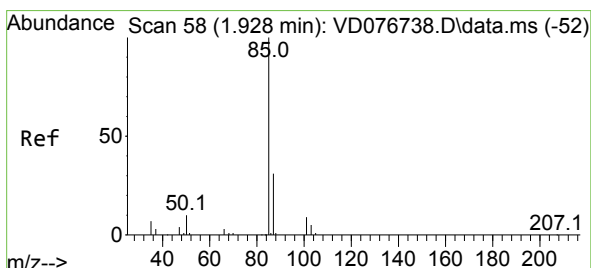
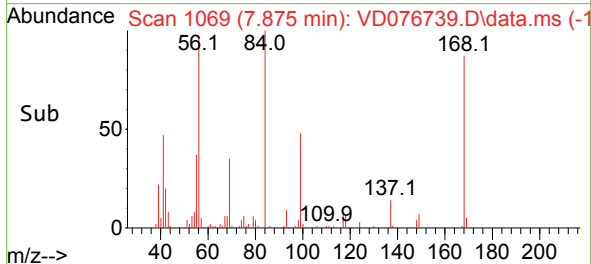
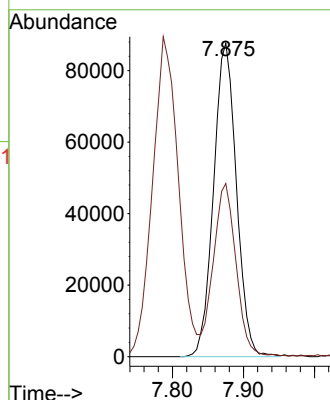
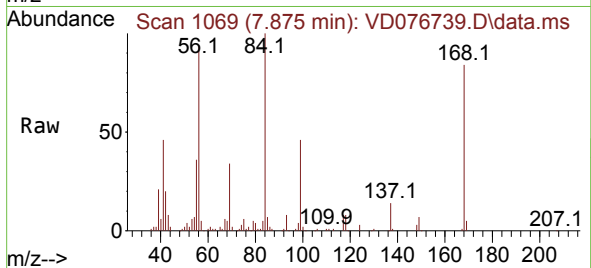
VSTDIC100

Tgt Ion:168 Resp: 195620

Ion Ratio Lower Upper

168 100

99 54.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 90.012 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076739.D

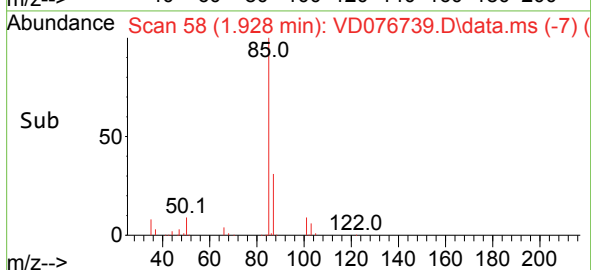
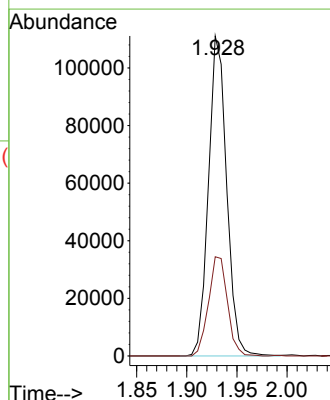
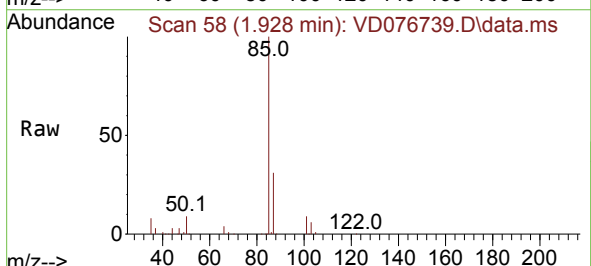
Acq: 14 Jul 2023 13:49

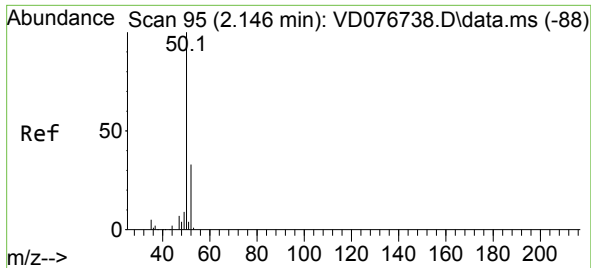
Tgt Ion: 85 Resp: 140465

Ion Ratio Lower Upper

85 100

87 31.0 15.7 47.0

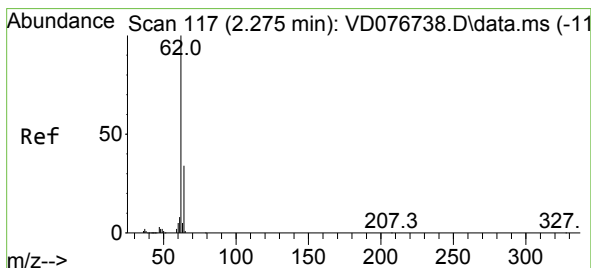
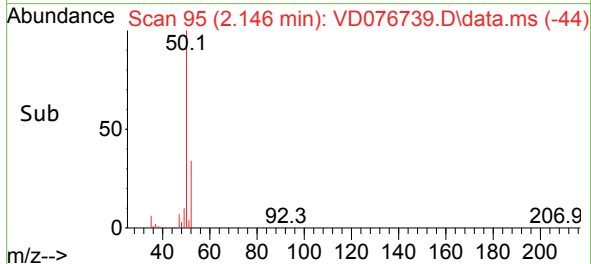
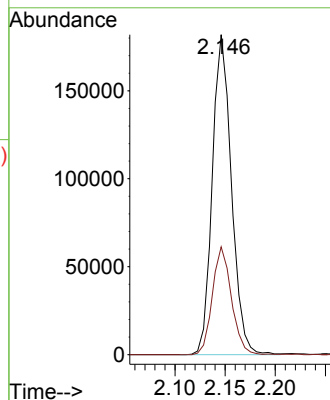
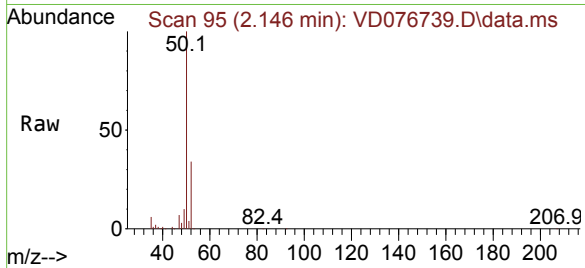




#3
Chloromethane
Concen: 89.272 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

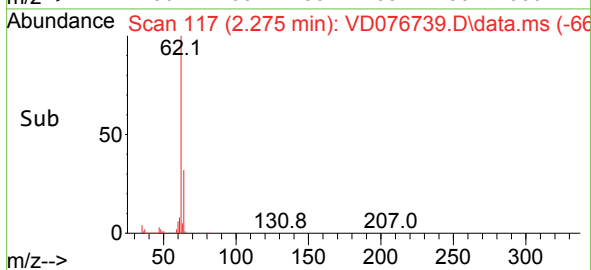
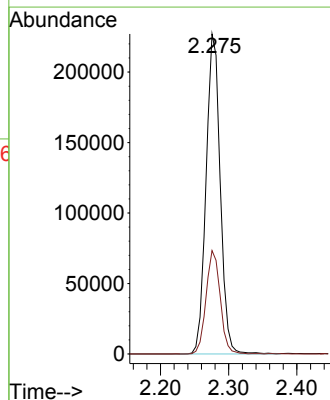
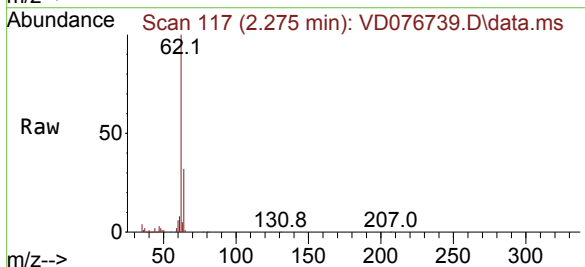
Instrument :
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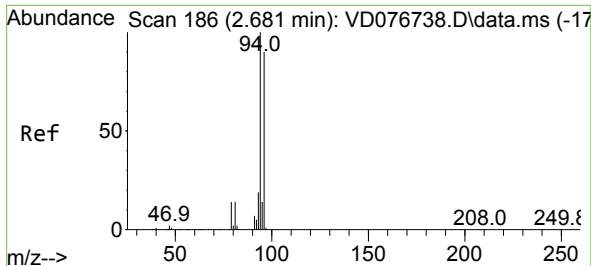
Tgt Ion: 50 Resp: 241713
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0



#4
Vinyl Chloride
Concen: 91.343 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 62 Resp: 328303
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0

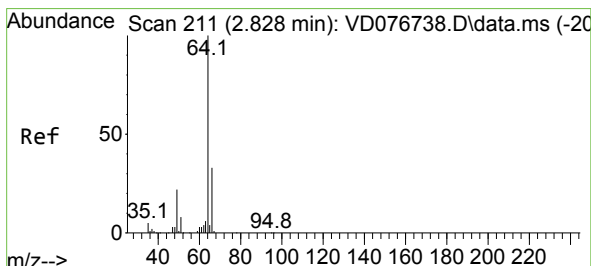
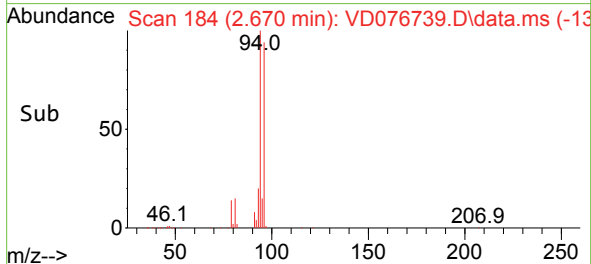
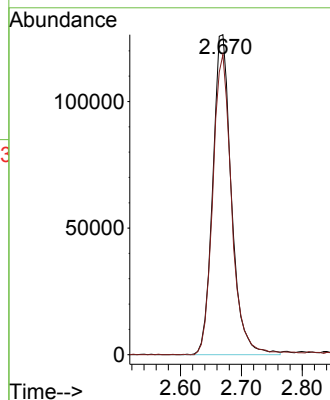
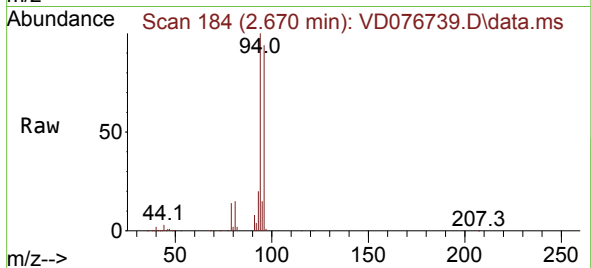




#5
Bromomethane
Concen: 93.233 ug/l
RT: 2.670 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

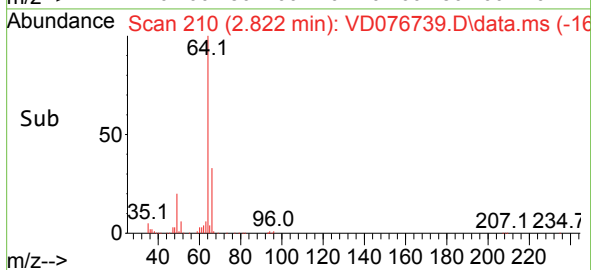
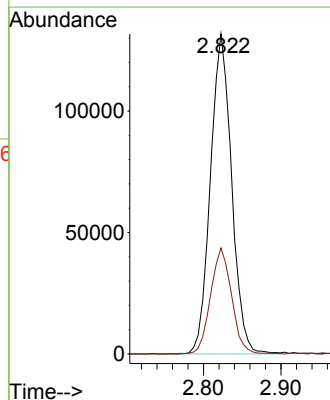
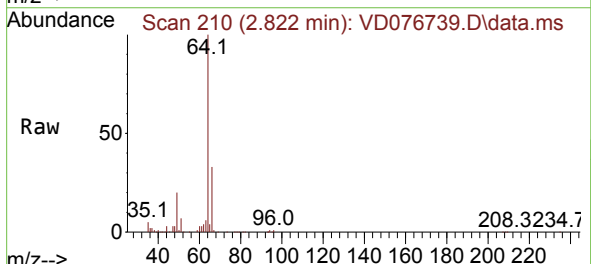
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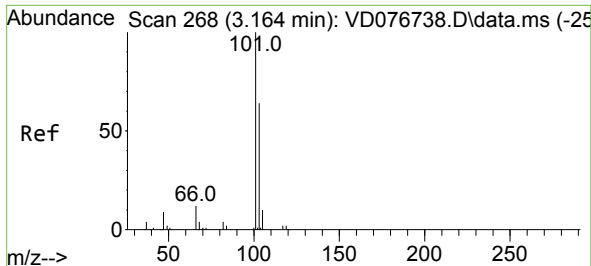
Tgt Ion: 94 Resp: 269833
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 92.289 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 64 Resp: 250295
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3

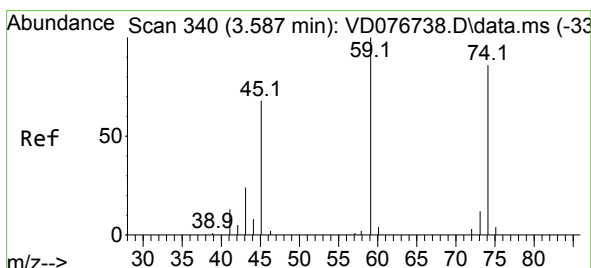
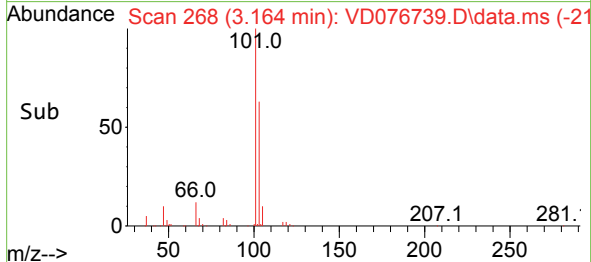
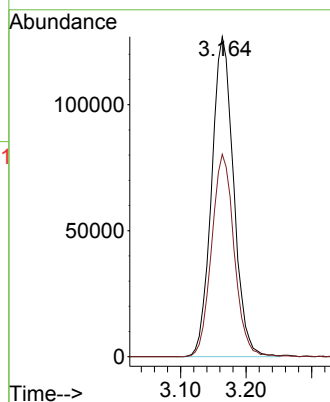
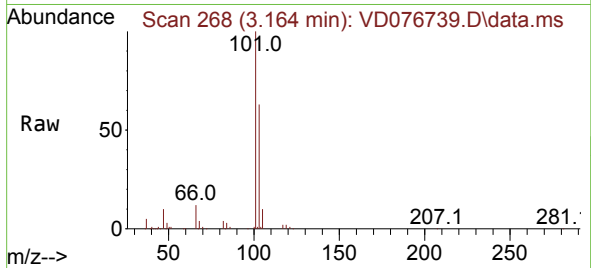




#7
 Trichlorofluoromethane
 Concen: 92.532 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

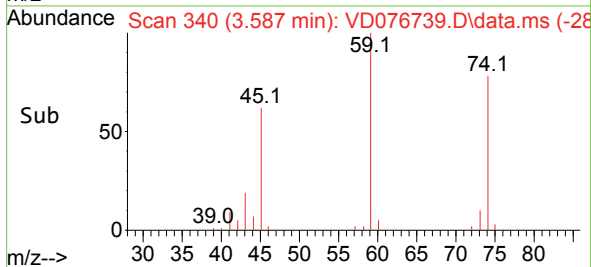
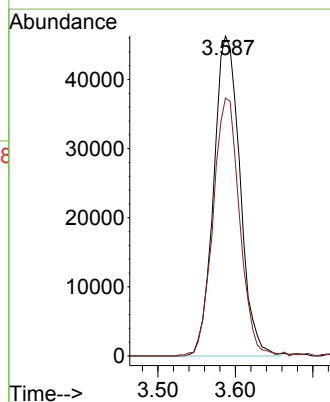
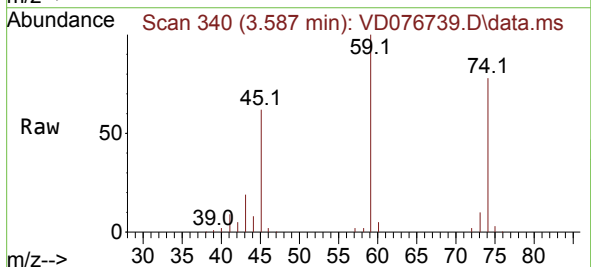
Instrument :
 MSVOA_D
 ClientSampleId :
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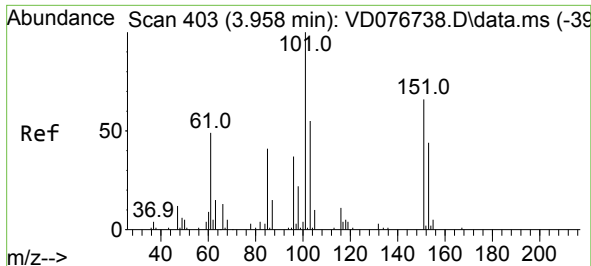
Tgt Ion:101 Resp: 295663
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5



#8
 Diethyl Ether
 Concen: 98.504 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Tgt Ion: 74 Resp: 108820
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7

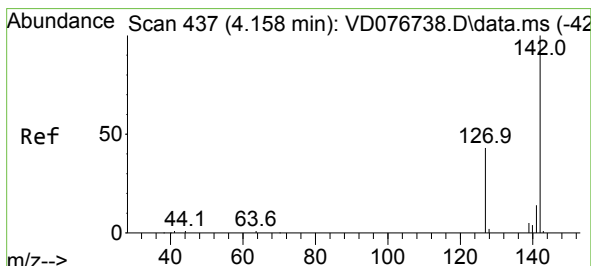
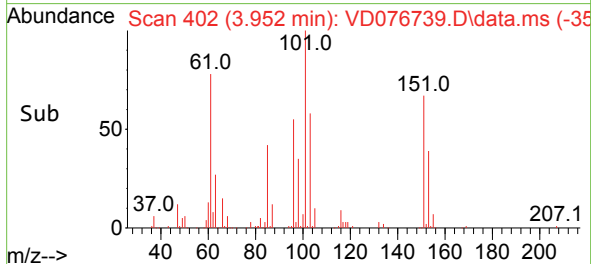
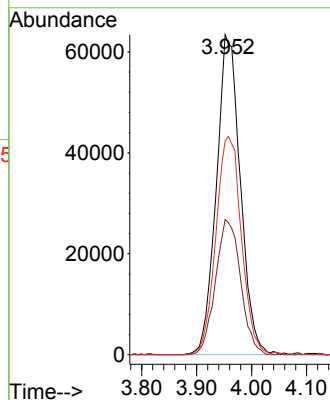
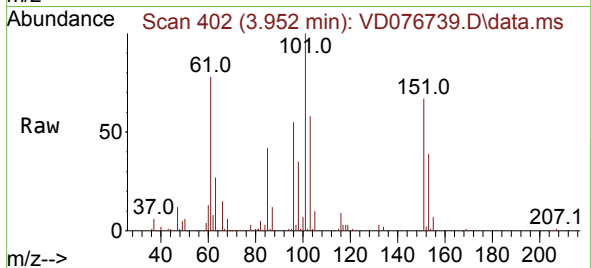




#9
1,1,2-Trichlorotrifluoroethane
Concen: 91.754 ug/l
RT: 3.952 min Scan# 40
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

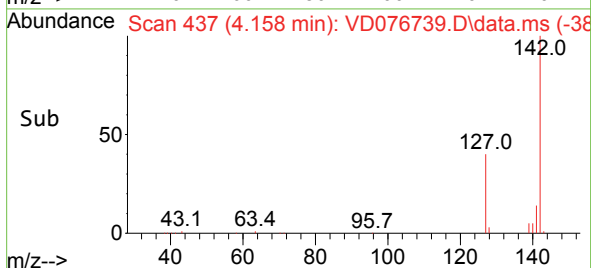
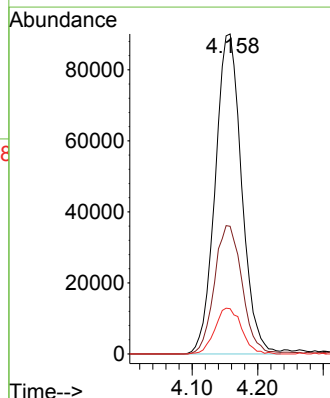
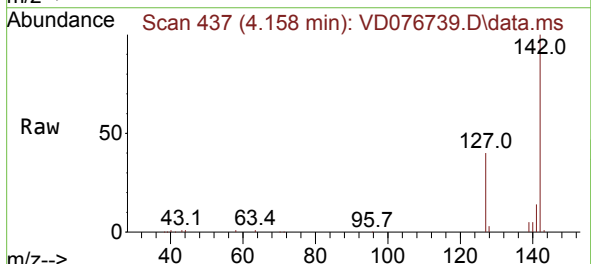
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

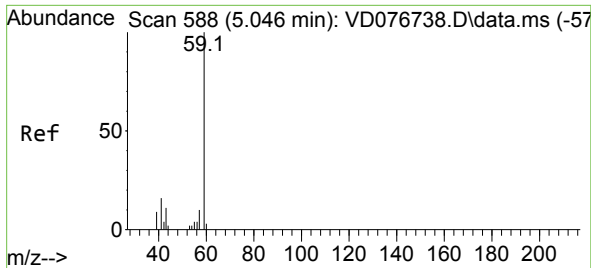
Tgt Ion:101 Resp: 192187
Ion Ratio Lower Upper
101 100
85 44.2 33.8 50.6
151 72.5 59.8 89.6



#10
Methyl Iodide
Concen: 108.474 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:142 Resp: 251902
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 14.5 11.1 16.7

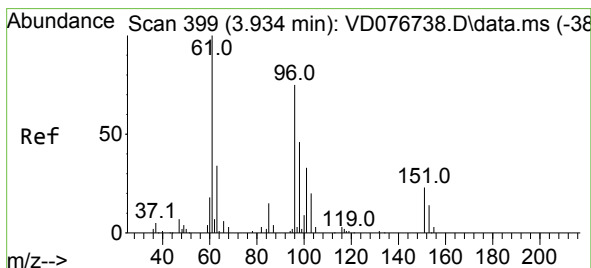
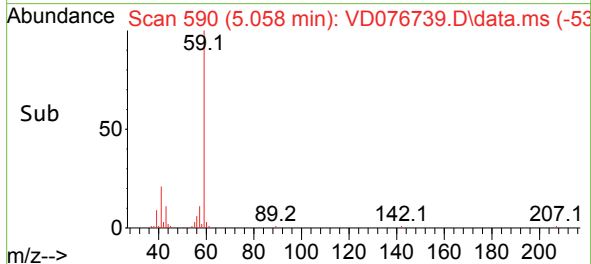
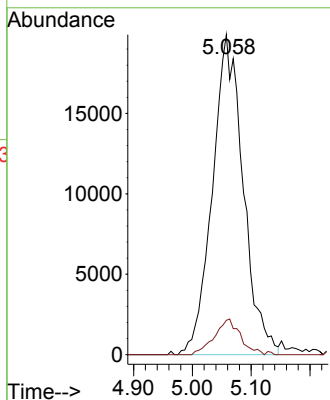
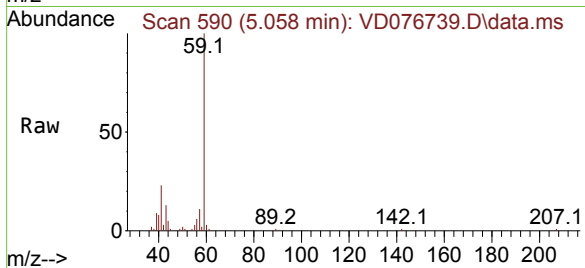




#11
Tert butyl alcohol
Concen: 474.139 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.012 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

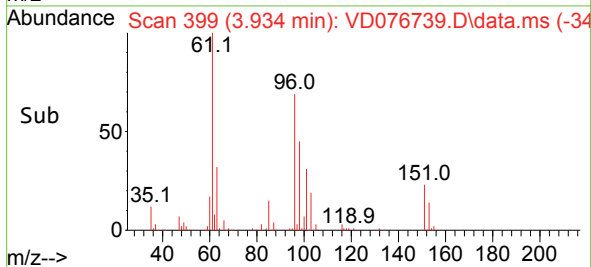
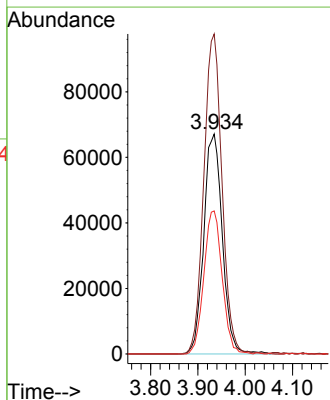
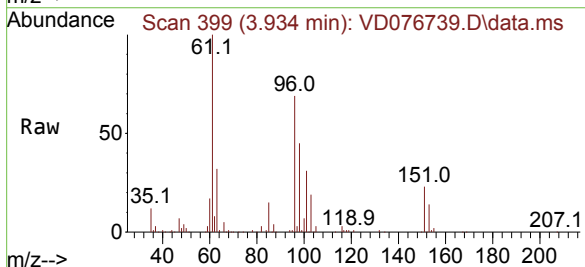
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

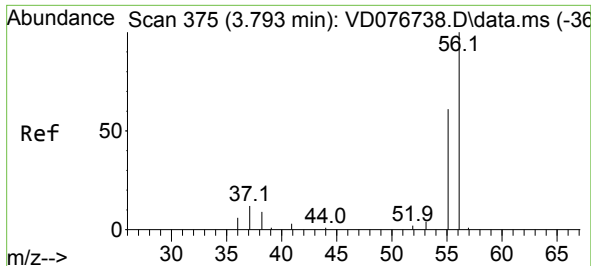
Tgt Ion: 59 Resp: 72412
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 93.004 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 96 Resp: 182921
Ion Ratio Lower Upper
96 100
61 145.5 100.6 150.8
98 65.0 50.2 75.2





#13

Acrolein

Concen: 513.498 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

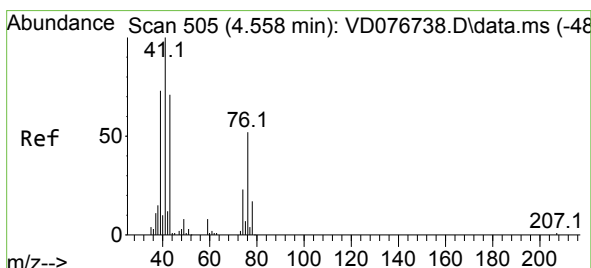
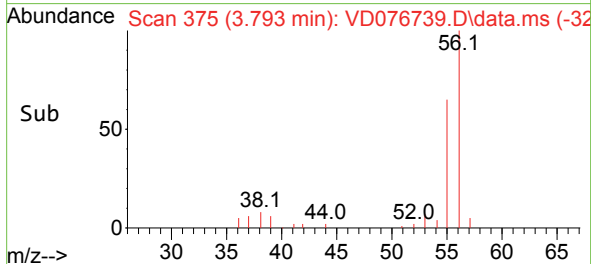
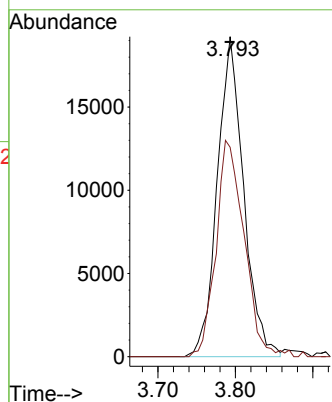
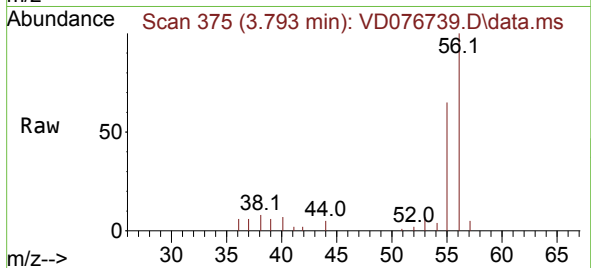
VSTDICC100

Tgt Ion: 56 Resp: 45363

Ion Ratio Lower Upper

56 100

55 72.4 55.1 82.7



#14

Allyl chloride

Concen: 96.208 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

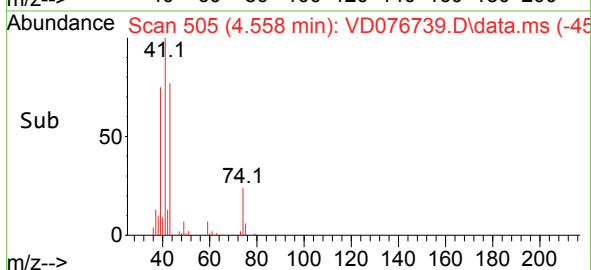
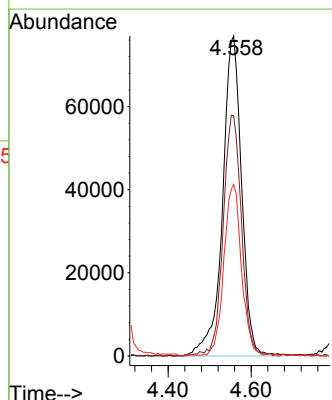
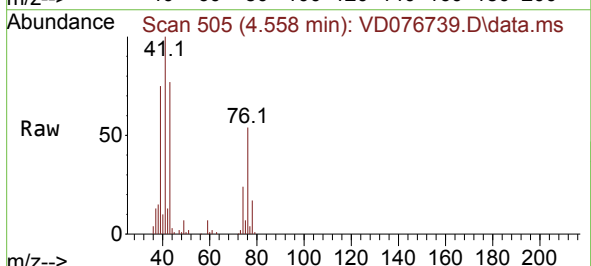
Tgt Ion: 41 Resp: 245046

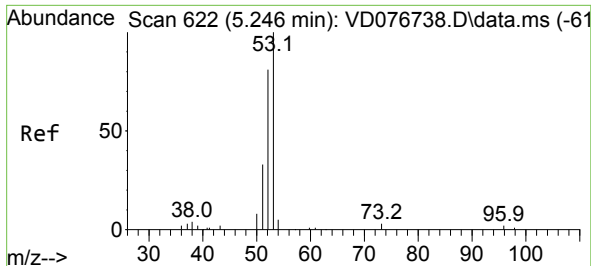
Ion Ratio Lower Upper

41 100

39 72.3 53.8 80.6

76 48.8 45.8 68.8

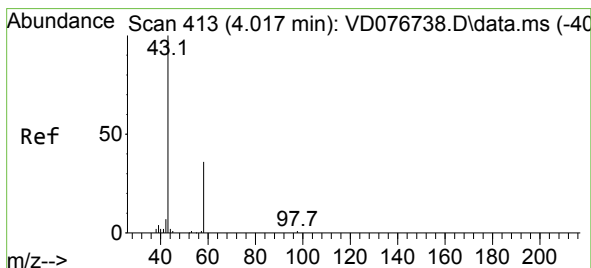
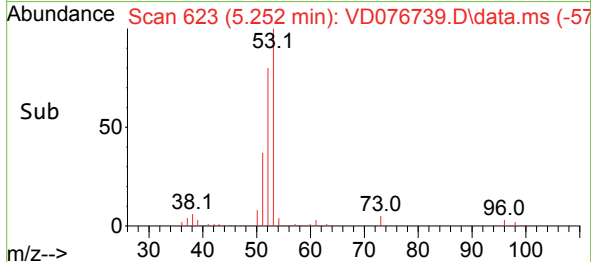
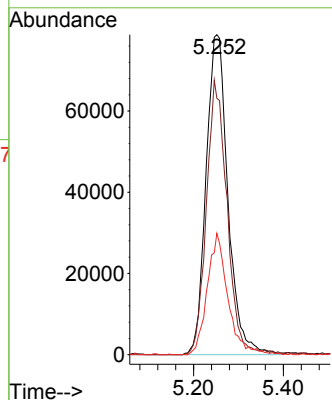
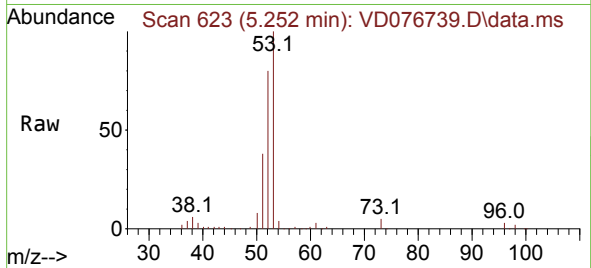




#15
Acrylonitrile
Concen: 496.792 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

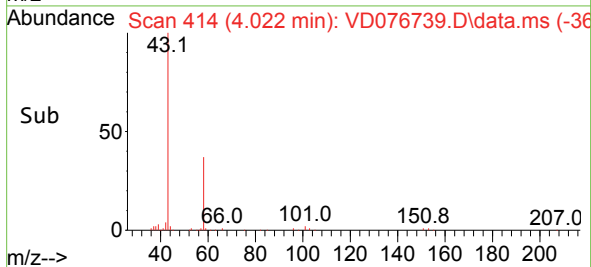
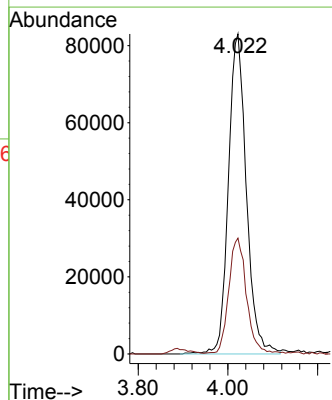
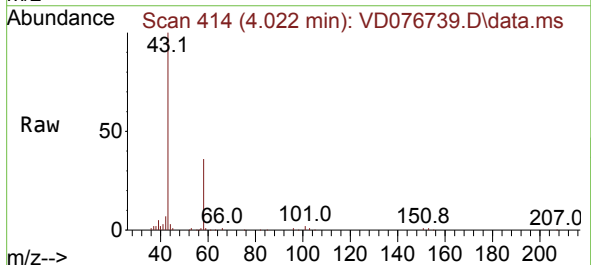
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

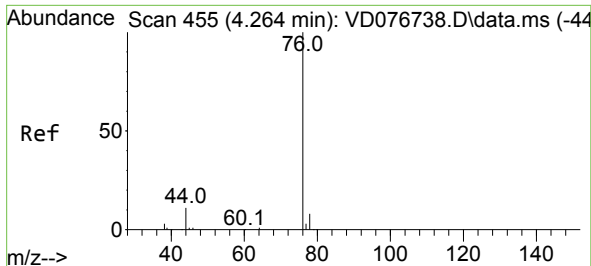
Tgt Ion: 53 Resp: 266852
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 35.6 28.3 42.5



#16
Acetone
Concen: 483.910 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 43 Resp: 231039
Ion Ratio Lower Upper
43 100
58 35.8 34.7 52.1

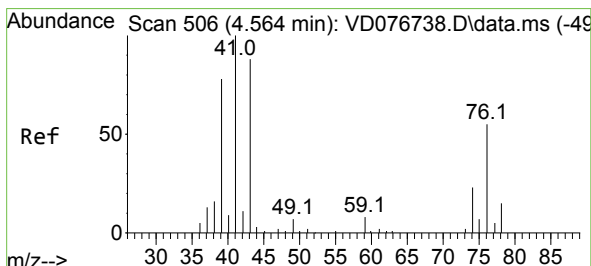
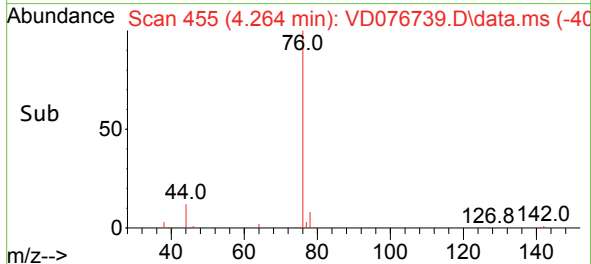
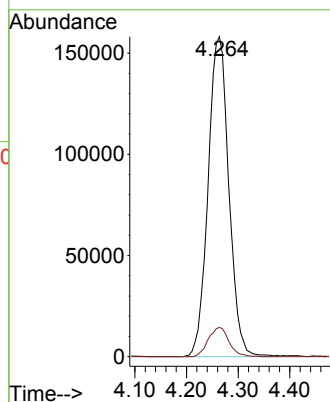
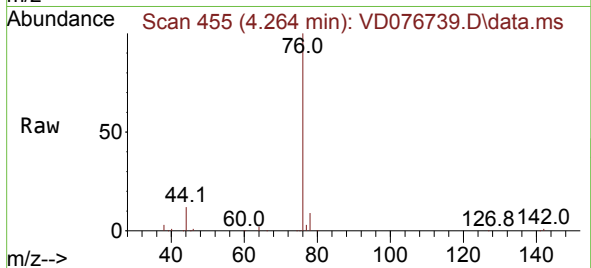




#17
Carbon Disulfide
Concen: 97.386 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

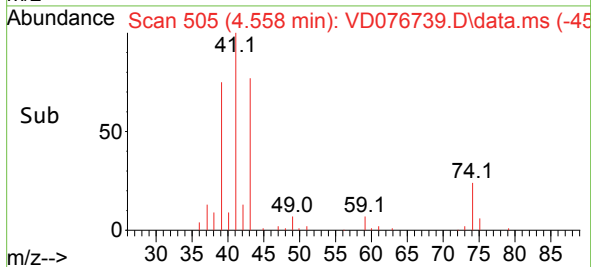
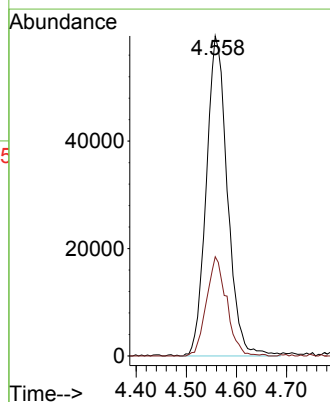
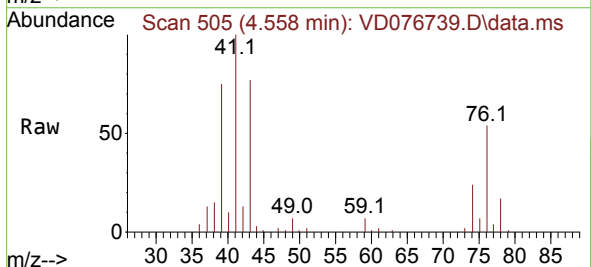
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

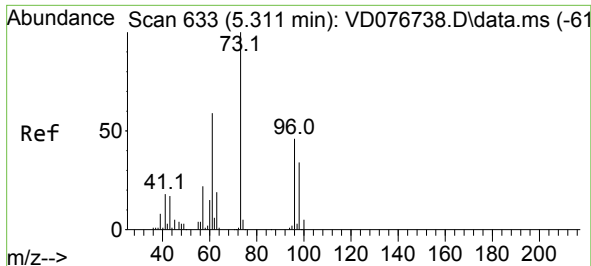
Tgt Ion: 76 Resp: 441040
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 97.921 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 43 Resp: 174621
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 99.362 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

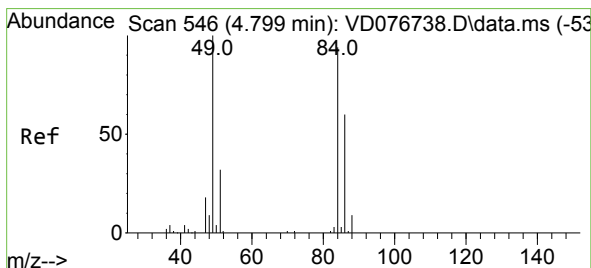
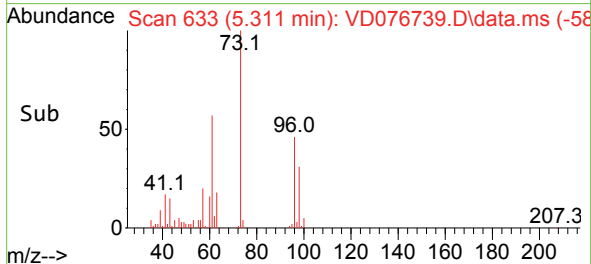
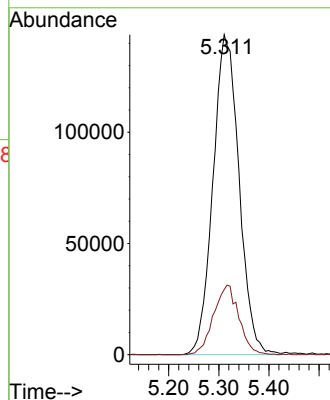
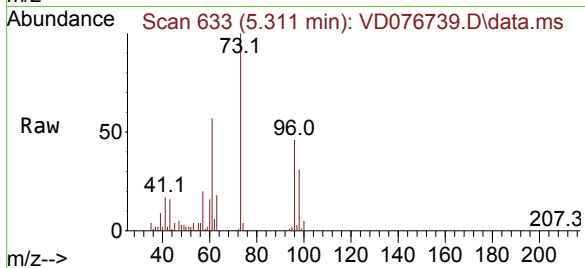
VSTDICC100

Tgt Ion: 73 Resp: 519397

Ion Ratio Lower Upper

73 100

57 20.4 16.6 25.0



#20

Methylene Chloride

Concen: 104.333 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Tgt Ion: 84 Resp: 257763

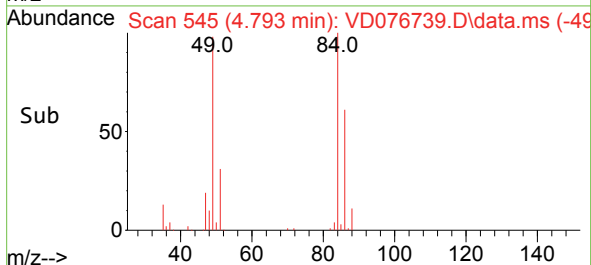
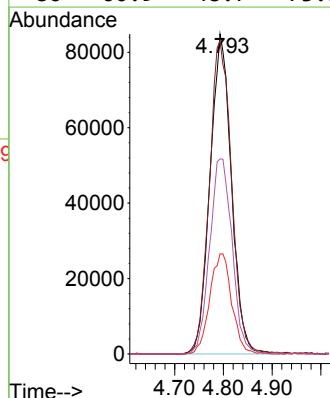
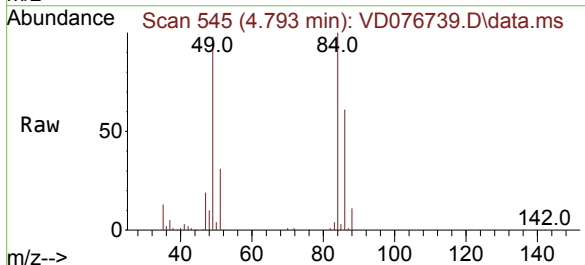
Ion Ratio Lower Upper

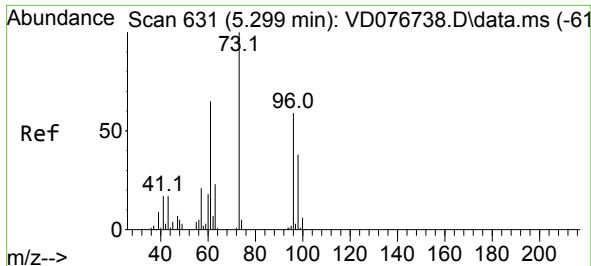
84 100

49 98.0 71.4 107.2

51 31.3 24.5 36.7

86 60.9 48.7 73.1

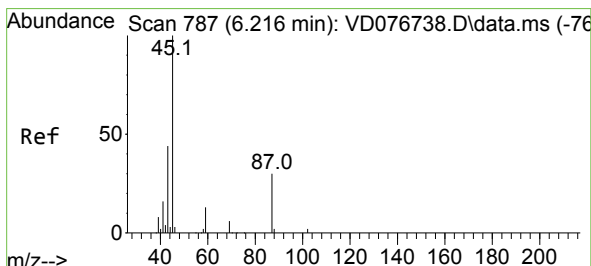
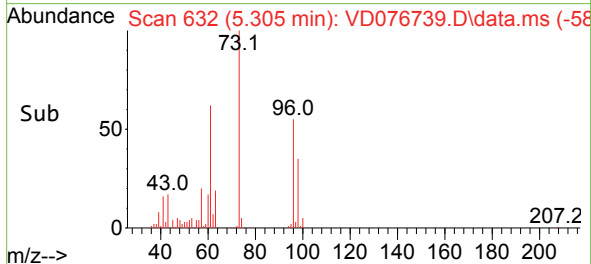
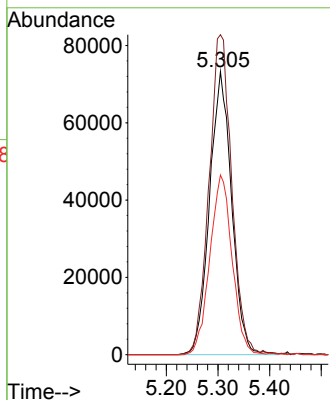
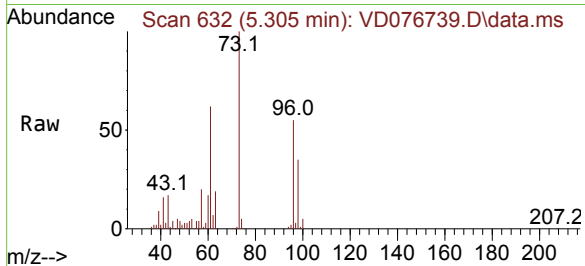




#21
trans-1,2-Dichloroethene
Concen: 96.267 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

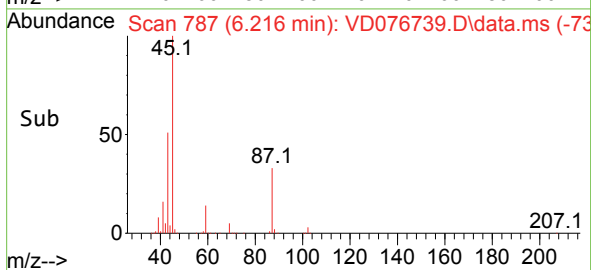
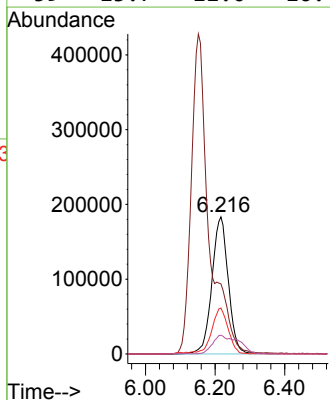
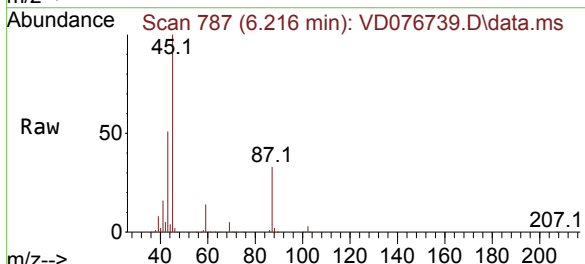
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

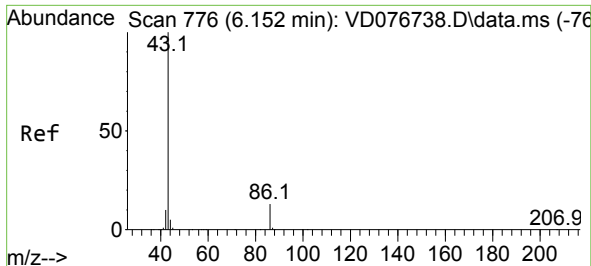
Tgt Ion: 96 Resp: 217559
Ion Ratio Lower Upper
96 100
61 113.0 89.3 133.9
98 63.4 48.6 73.0



#22
Diisopropyl ether
Concen: 99.054 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 45 Resp: 599807
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 33.4 28.2 42.4
59 13.7 11.0 16.4

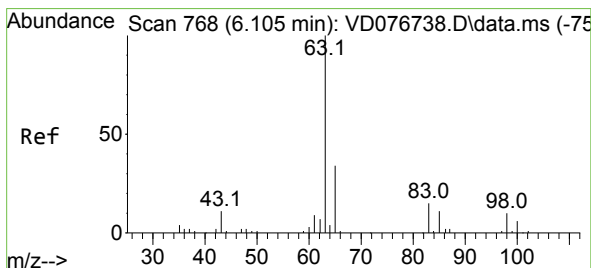
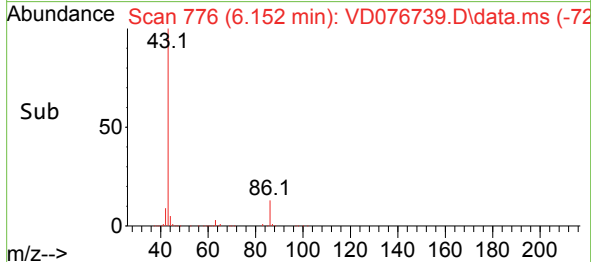
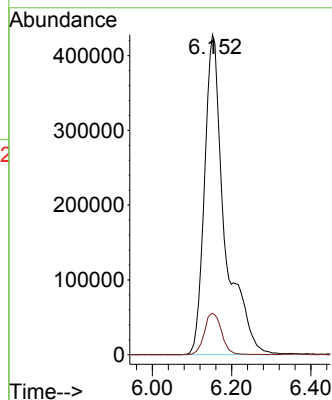
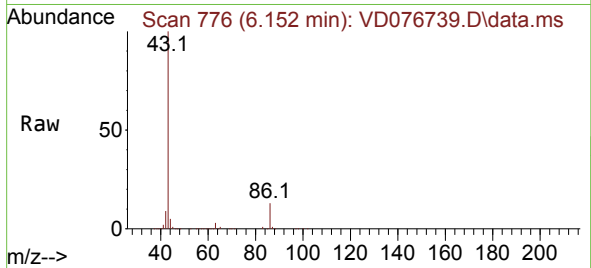




#23
 Vinyl Acetate
 Concen: 506.993 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

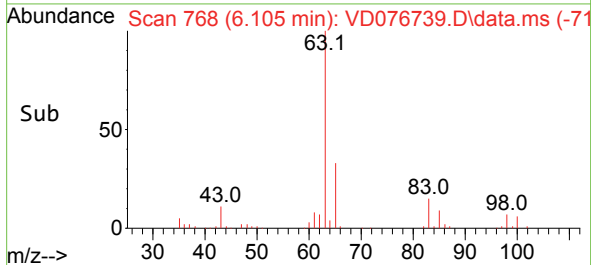
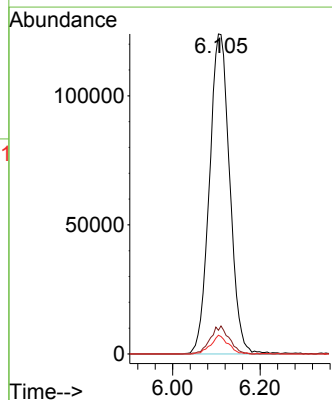
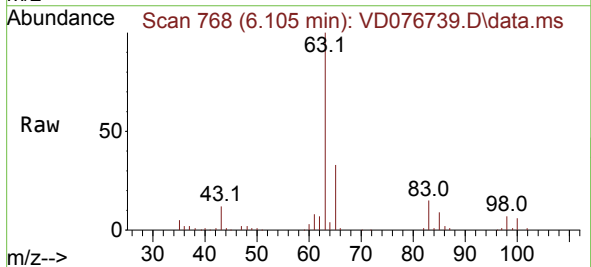
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

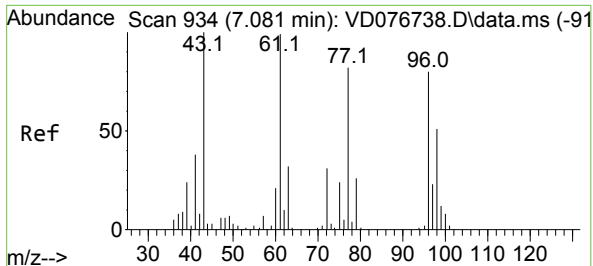
Tgt Ion: 43 Resp: 1515915
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 96.766 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Tgt Ion: 63 Resp: 399282
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.9 2.5 7.5





#25

2-Butanone

Concen: 499.114 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

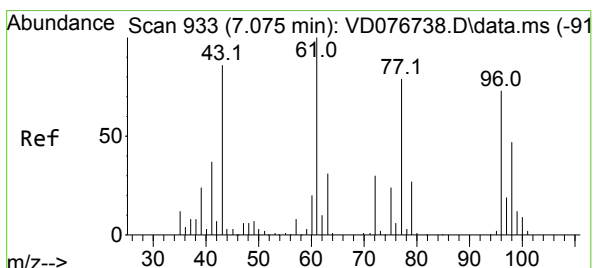
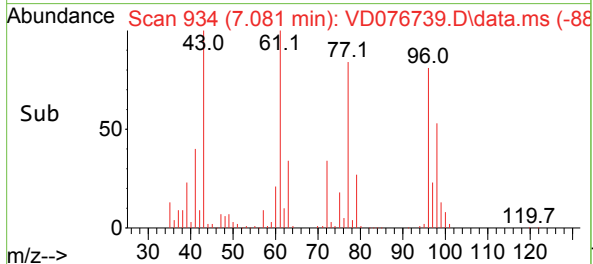
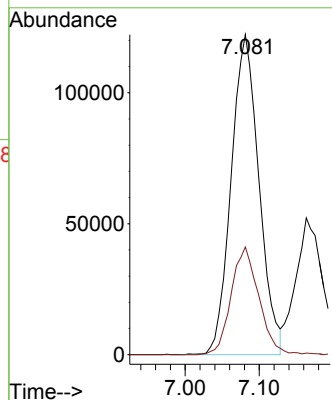
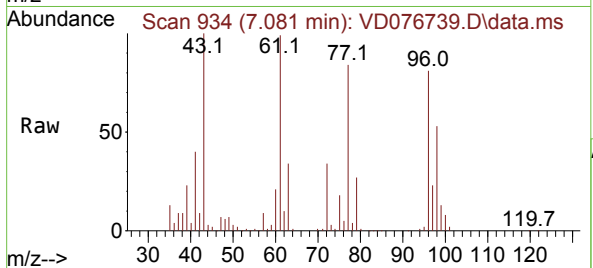
VSTDICC100

Tgt Ion: 43 Resp: 318505

Ion Ratio Lower Upper

43 100

72 33.7 30.7 46.1



#26

2,2-Dichloropropane

Concen: 95.699 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076739.D

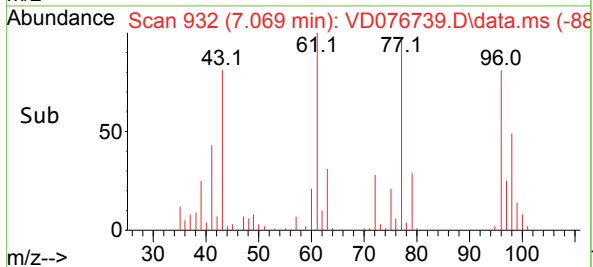
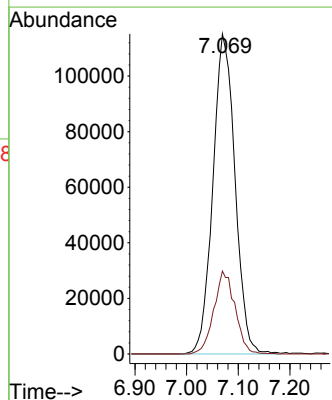
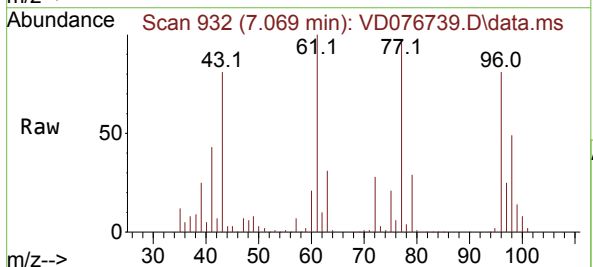
Acq: 14 Jul 2023 13:49

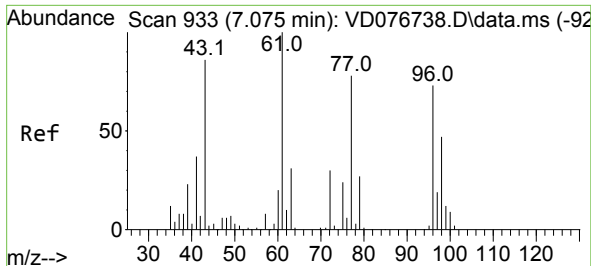
Tgt Ion: 77 Resp: 342084

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 100.531 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

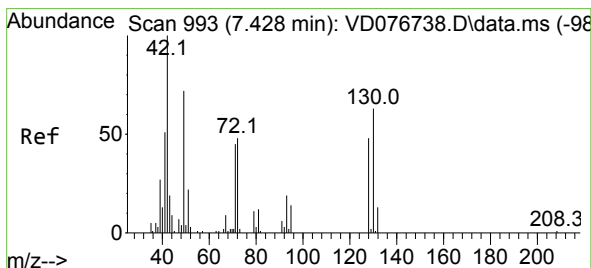
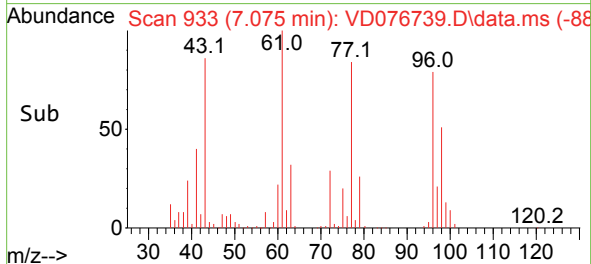
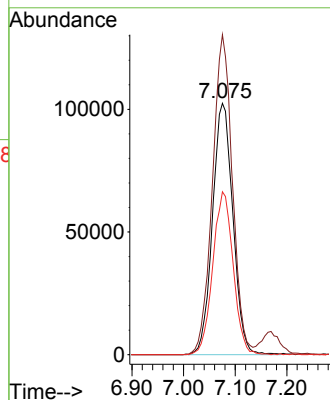
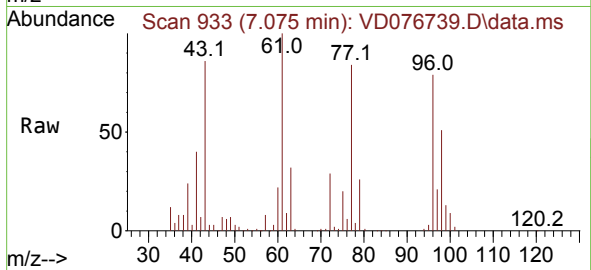
Tgt Ion: 96 Resp: 281284

Ion Ratio Lower Upper

96 100

61 124.5 0.0 239.2

98 64.6 0.0 128.6



#28

Bromochloromethane

Concen: 105.440 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

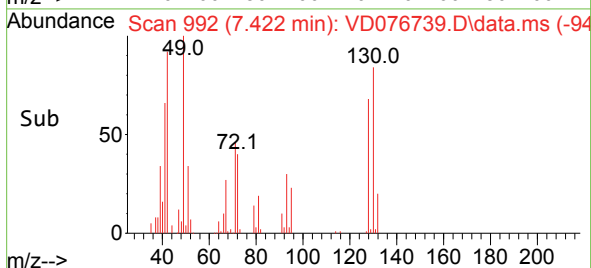
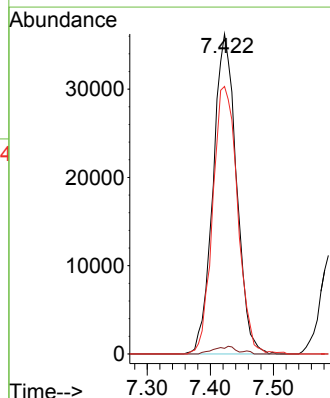
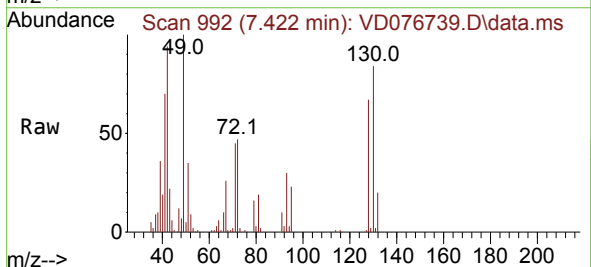
Tgt Ion: 49 Resp: 93093

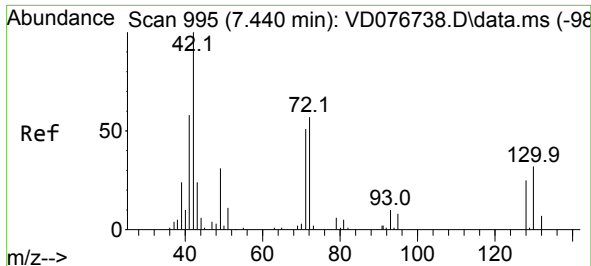
Ion Ratio Lower Upper

49 100

129 2.5 0.0 6.0

130 88.8 83.2 124.8





#29

Tetrahydrofuran

Concen: 499.209 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

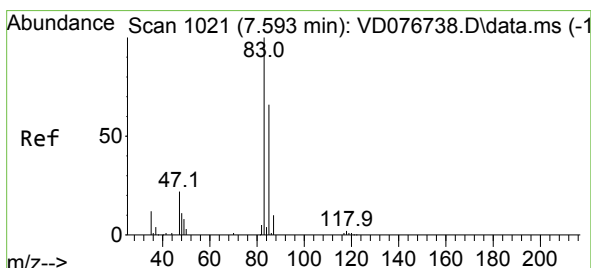
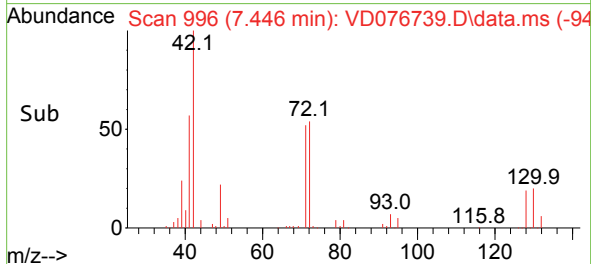
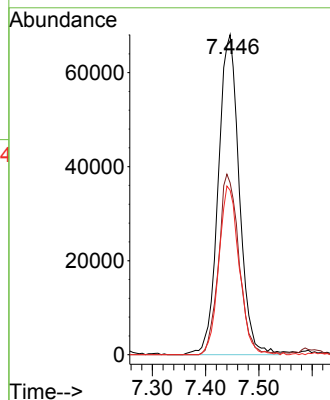
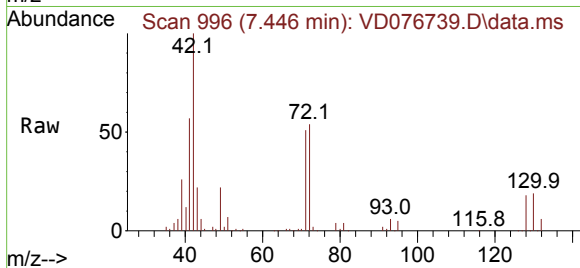
Tgt Ion: 42 Resp: 186616

Ion Ratio Lower Upper

42 100

72 55.0 46.5 69.7

71 51.2 44.5 66.7



#30

Chloroform

Concen: 97.418 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD076739.D

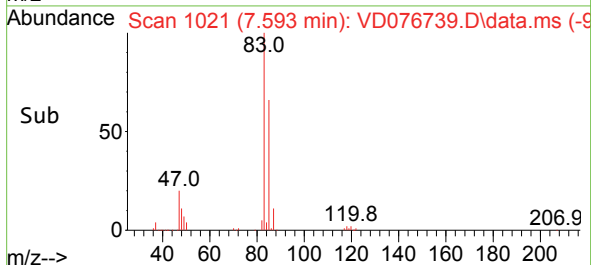
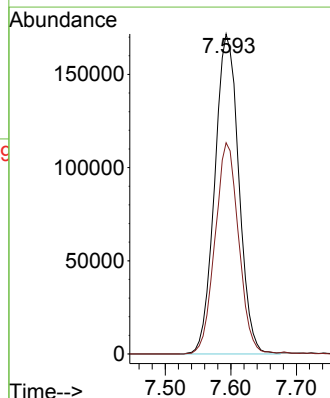
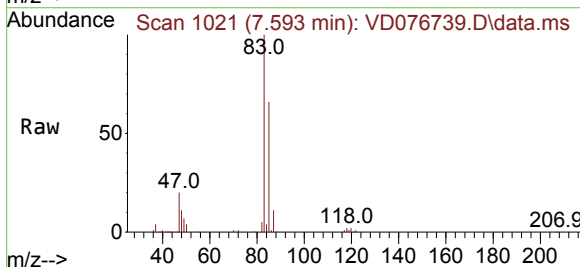
Acq: 14 Jul 2023 13:49

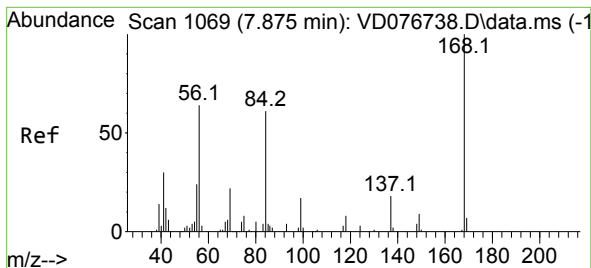
Tgt Ion: 83 Resp: 436355

Ion Ratio Lower Upper

83 100

85 66.0 53.4 80.2





#31

Cyclohexane

Concen: 87.932 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

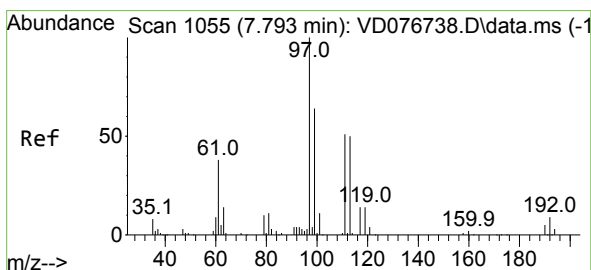
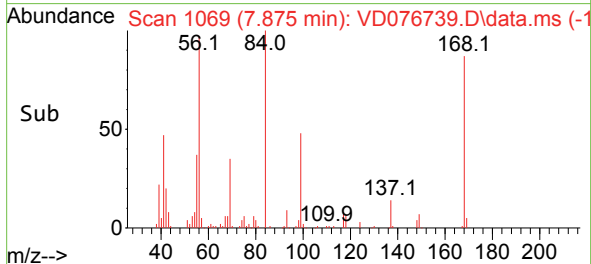
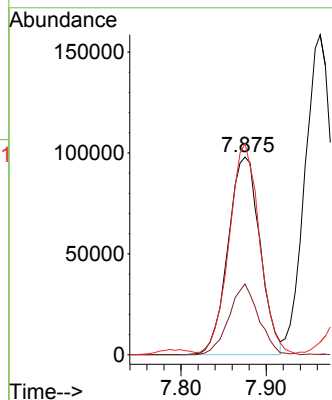
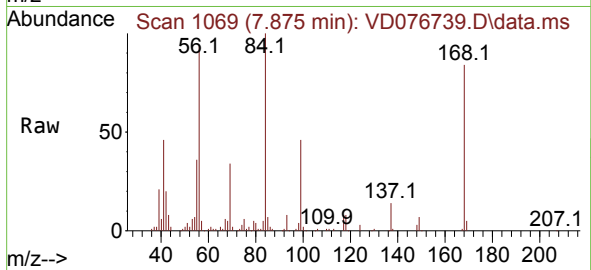
Tgt Ion: 56 Resp: 256017

Ion Ratio Lower Upper

56 100

69 35.8 28.6 43.0

84 104.2 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 98.010 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

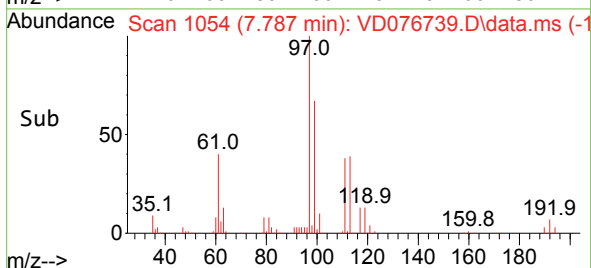
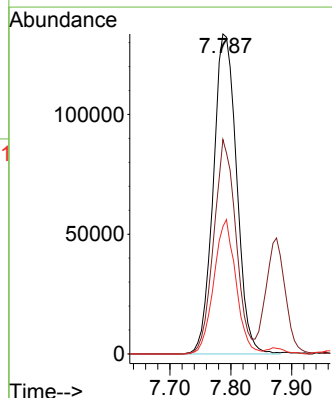
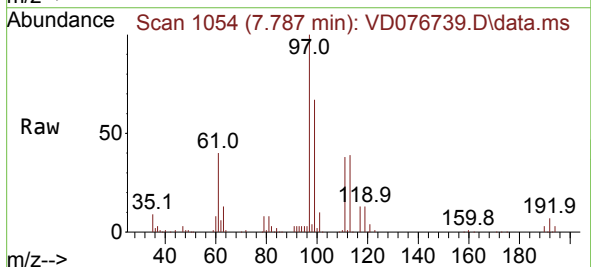
Tgt Ion: 97 Resp: 355810

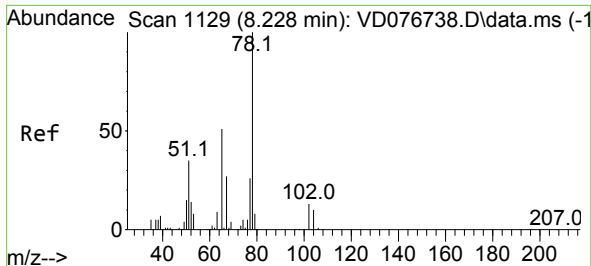
Ion Ratio Lower Upper

97 100

99 63.5 52.0 78.0

61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 93.683 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

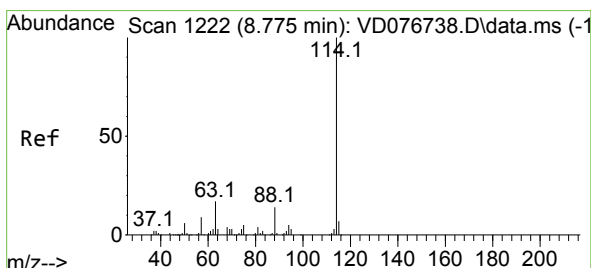
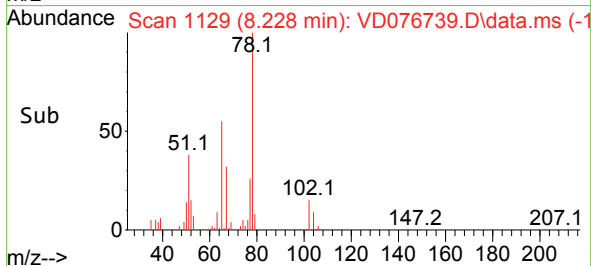
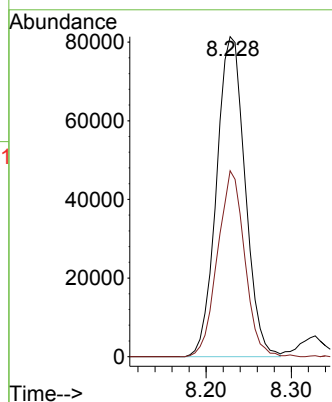
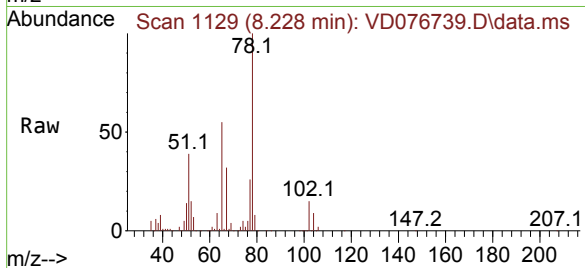
VSTDIC100

Tgt Ion: 65 Resp: 189379

Ion Ratio Lower Upper

65 100

67 55.0 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: VD076739.D

Acq: 14 Jul 2023 13:49

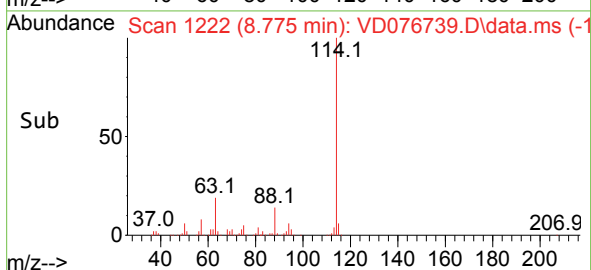
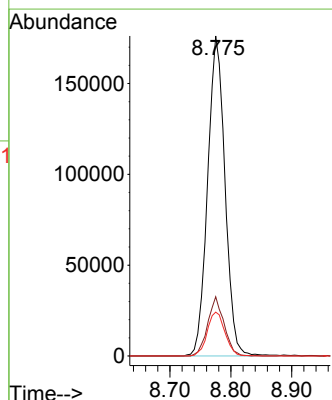
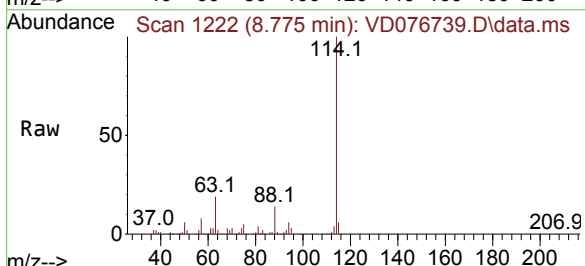
Tgt Ion: 114 Resp: 349566

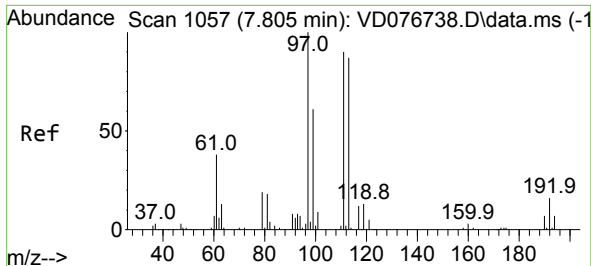
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.7 0.0 26.2

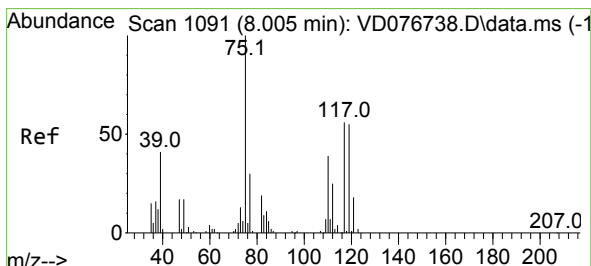
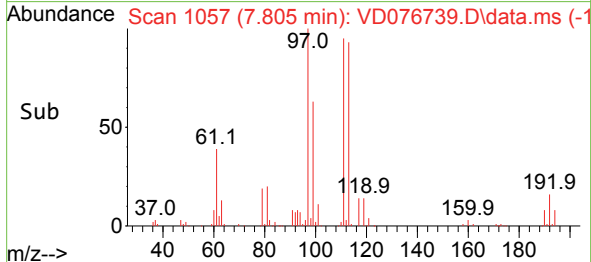
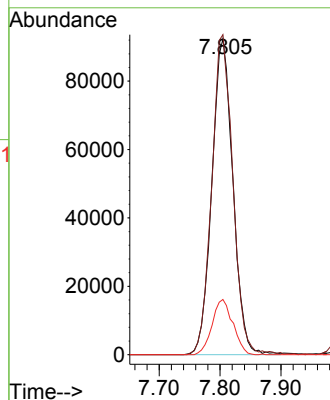
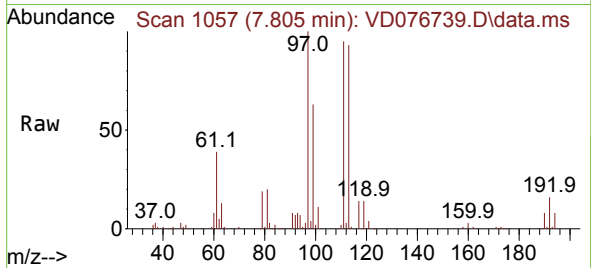




#35
Dibromofluoromethane
Concen: 98.103 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

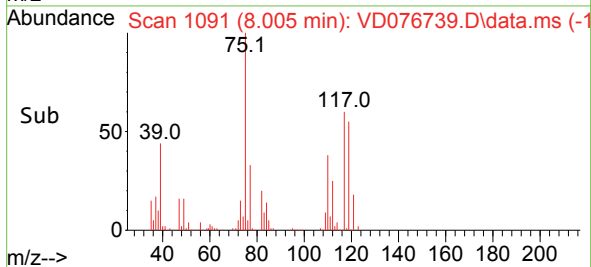
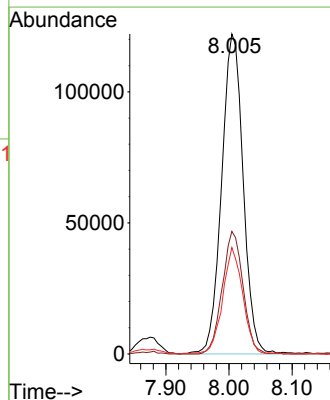
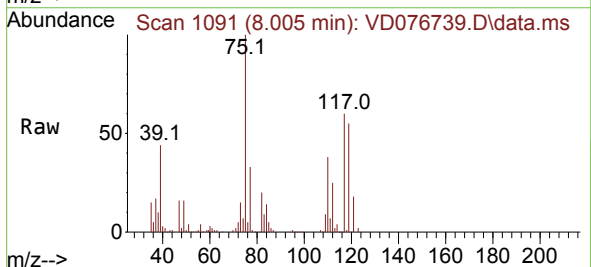
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

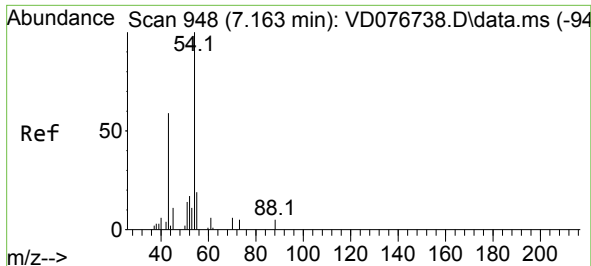
Tgt Ion:113 Resp: 221550
Ion Ratio Lower Upper
113 100
111 101.7 84.7 127.1
192 17.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 100.957 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 75 Resp: 289445
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 31.3 24.7 37.1

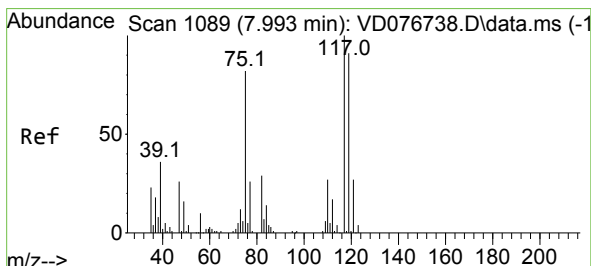
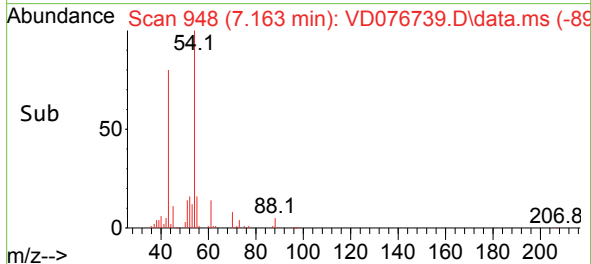
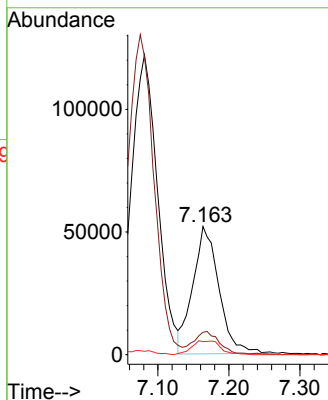
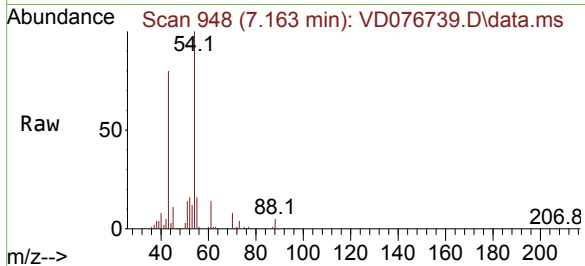




#37
Ethyl Acetate
Concen: 102.508 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

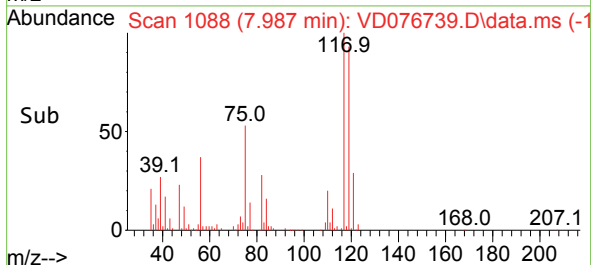
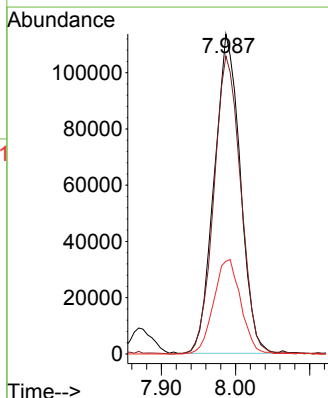
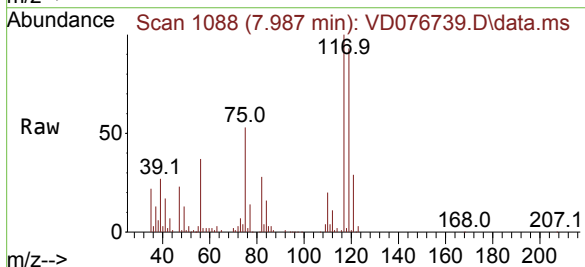
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

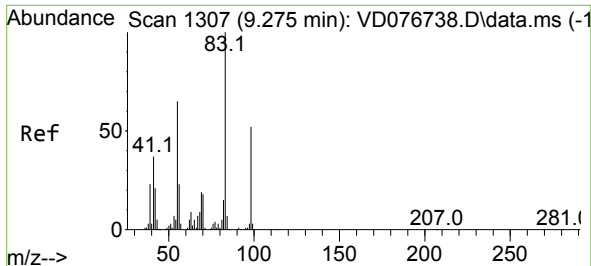
Tgt Ion: 43 Resp: 132843
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
70 11.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 101.238 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 117 Resp: 276845
Ion Ratio Lower Upper
117 100
119 93.2 78.0 117.0
121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 99.129 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

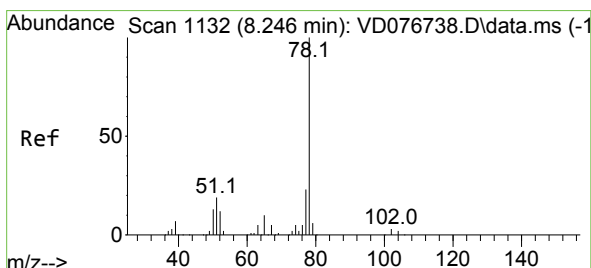
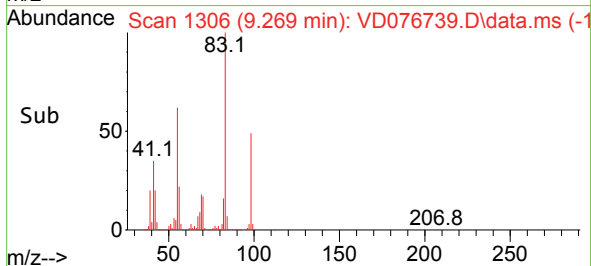
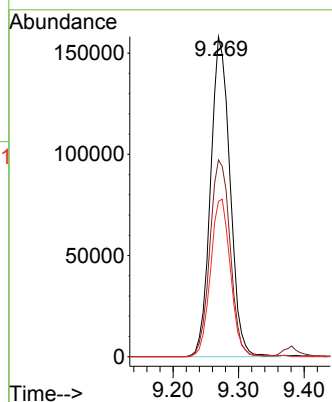
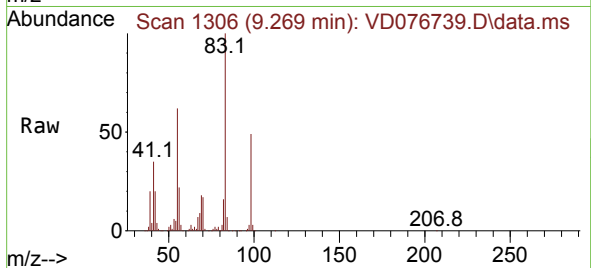
Tgt Ion: 83 Resp: 325719

Ion Ratio Lower Upper

83 100

55 61.5 49.4 74.0

98 48.6 38.4 57.6



#40

Benzene

Concen: 100.435 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.006 min

Lab File: VD076739.D

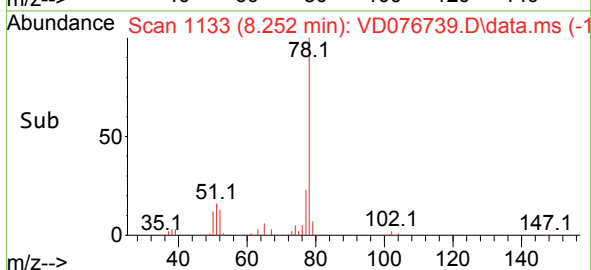
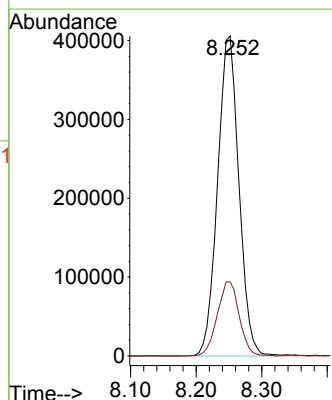
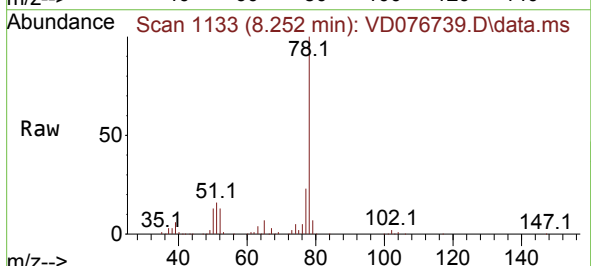
Acq: 14 Jul 2023 13:49

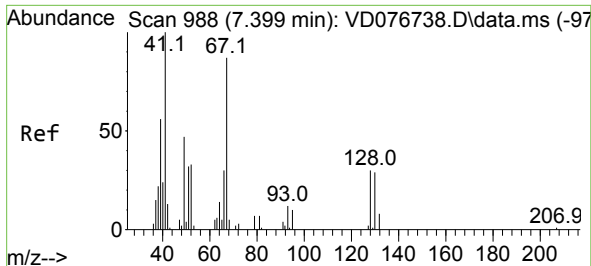
Tgt Ion: 78 Resp: 914564

Ion Ratio Lower Upper

78 100

77 23.1 19.4 29.0

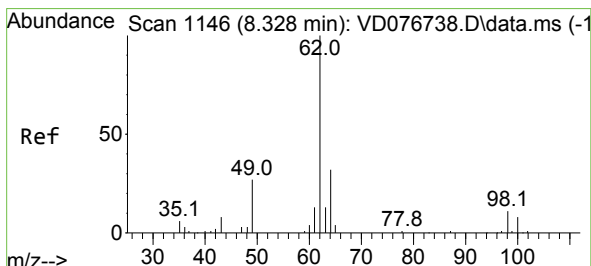
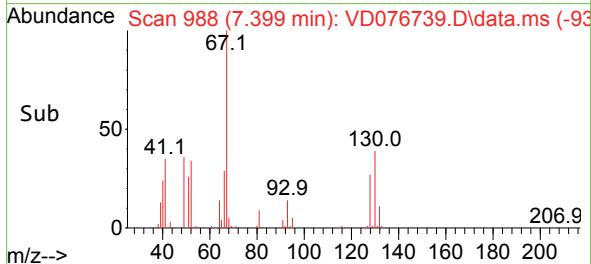
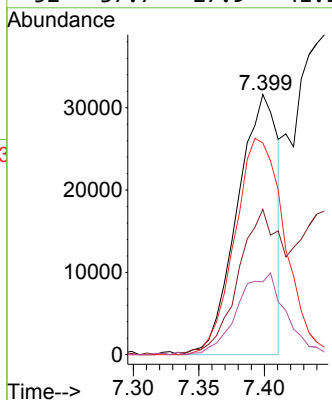
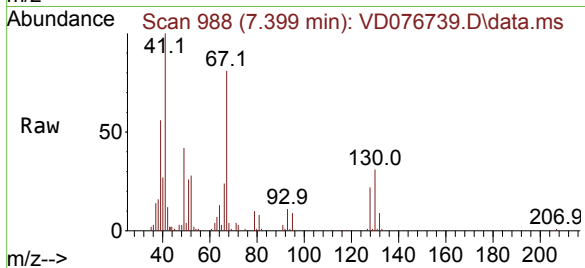




#41
Methacrylonitrile
Concen: 85.932 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

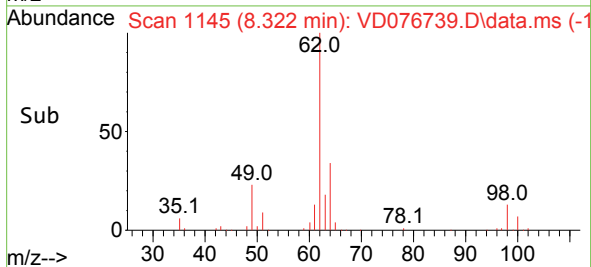
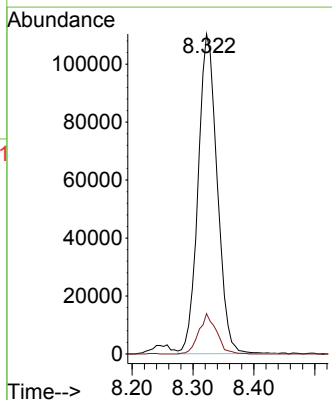
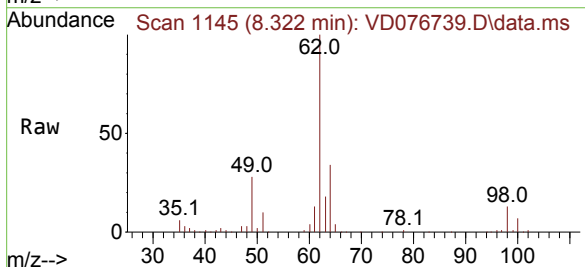
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

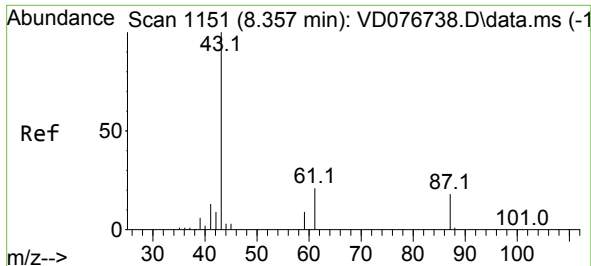
Tgt Ion: 41 Resp: 67463
Ion Ratio Lower Upper
41 100
39 60.3 34.0 51.0#
67 104.3 77.0 115.4
52 37.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 100.941 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 62 Resp: 240249
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4

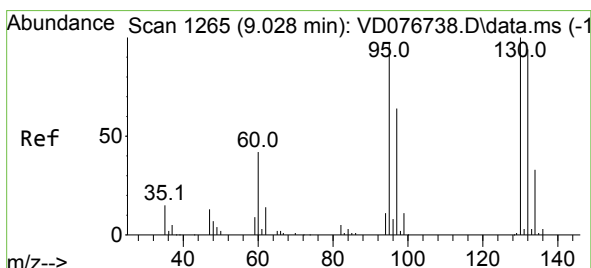
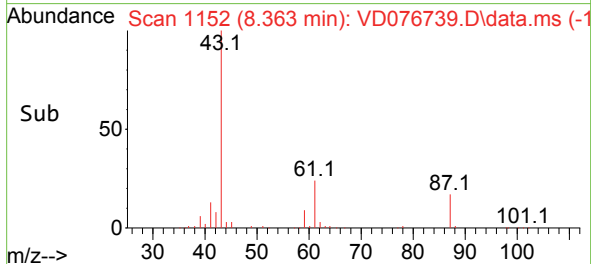
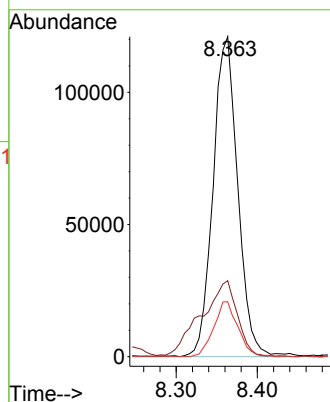
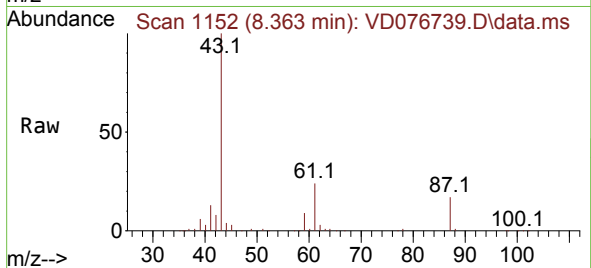




#43
Isopropyl Acetate
Concen: 101.677 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

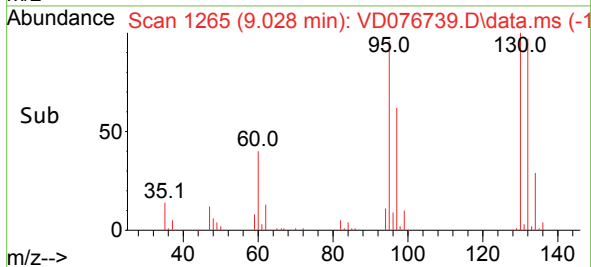
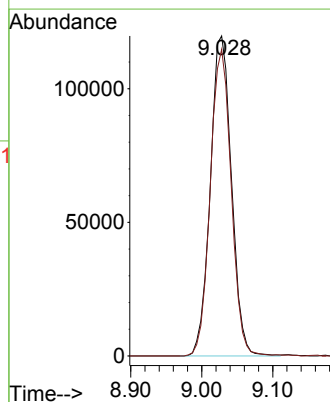
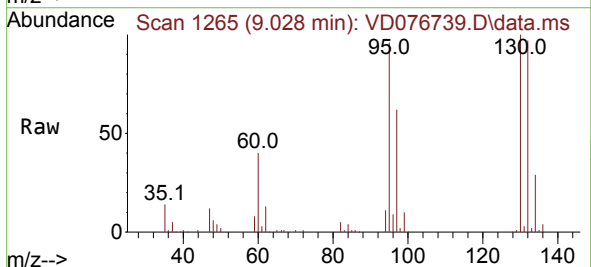
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

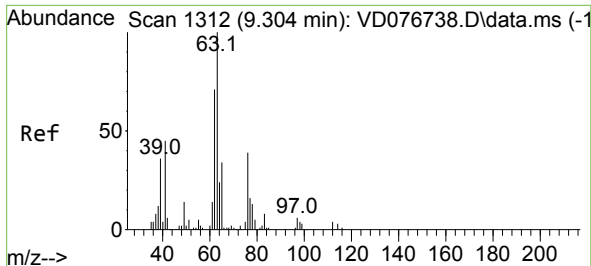
Tgt Ion: 43 Resp: 255471
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 16.8 14.9 22.3



#44
Trichloroethene
Concen: 100.467 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:130 Resp: 248001
Ion Ratio Lower Upper
130 100
95 95.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 99.990 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

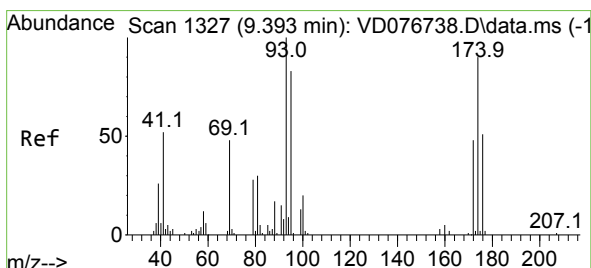
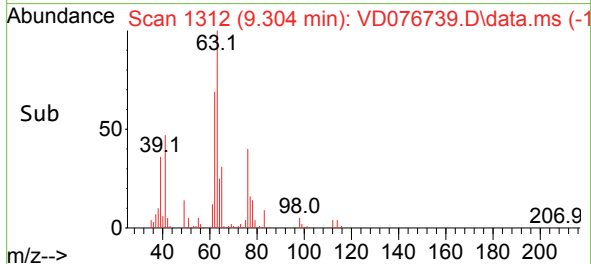
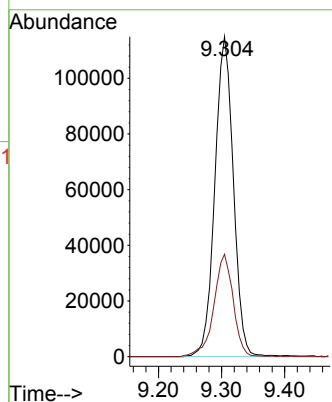
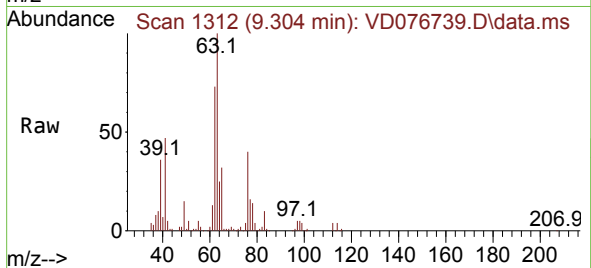
VSTDICC100

Tgt Ion: 63 Resp: 234258

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 99.830 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

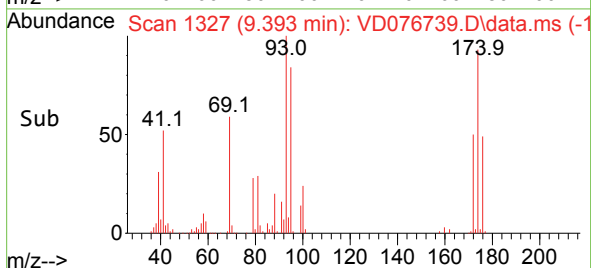
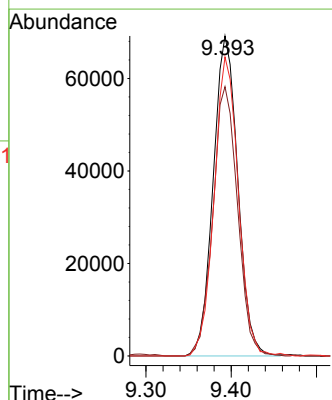
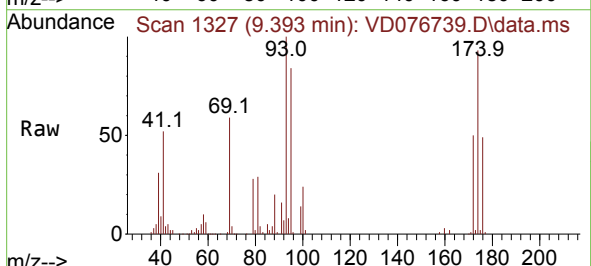
Tgt Ion: 93 Resp: 138627

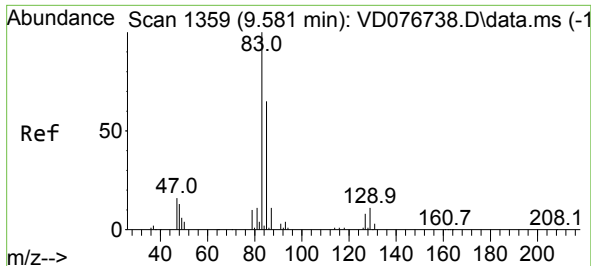
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 92.2 85.4 128.2

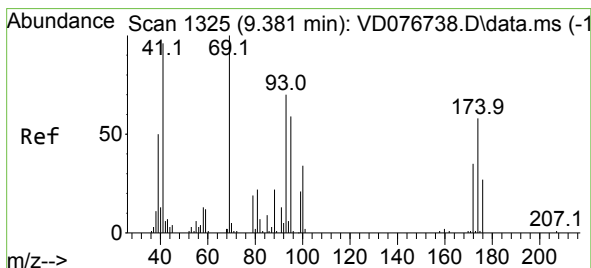
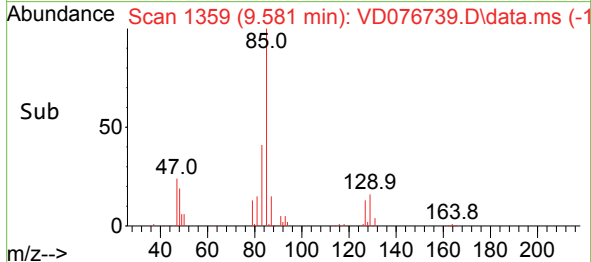
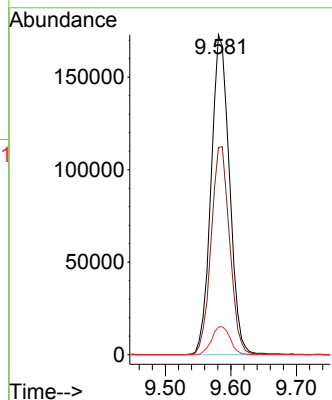
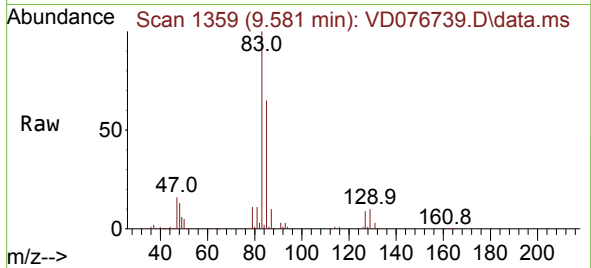




#47
Bromodichloromethane
Concen: 97.765 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

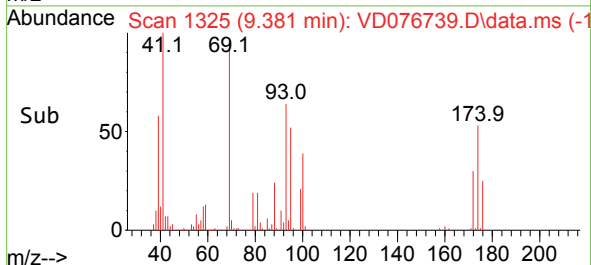
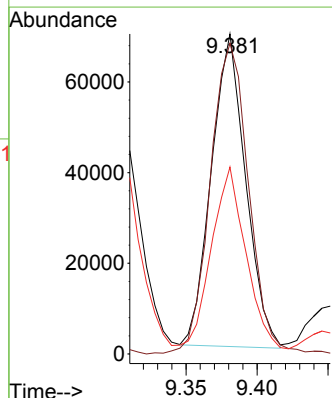
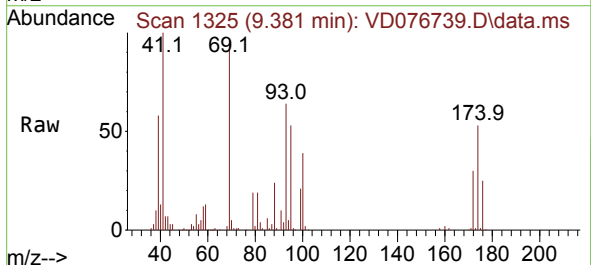
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

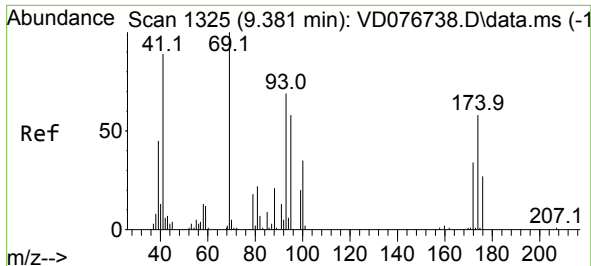
Tgt Ion: 83 Resp: 336453
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 100.404 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 41 Resp: 115565
Ion Ratio Lower Upper
41 100
69 111.6 102.2 153.2
39 62.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 2122.382 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076739.D

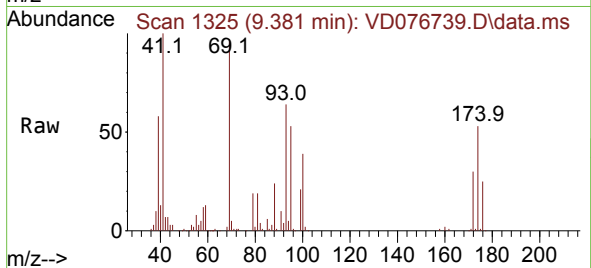
Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100



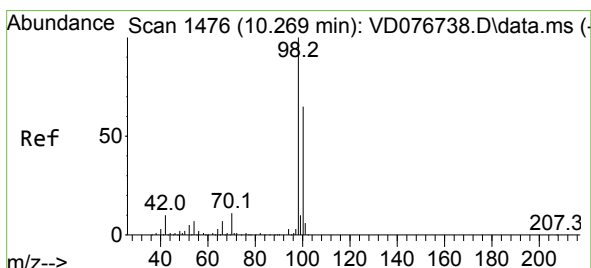
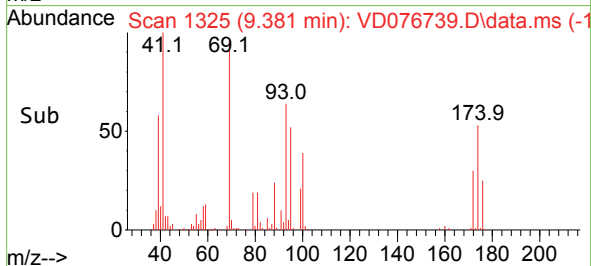
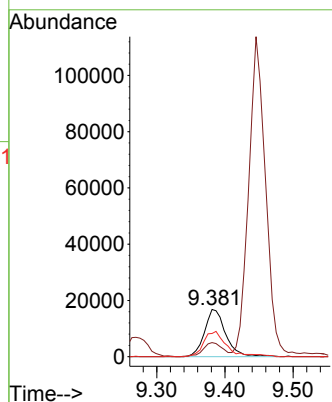
Tgt Ion: 88 Resp: 36357

Ion Ratio Lower Upper

88 100

43 28.5 19.0 28.6

58 58.7 43.5 65.3



#50

Toluene-d8

Concen: 95.845 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076739.D

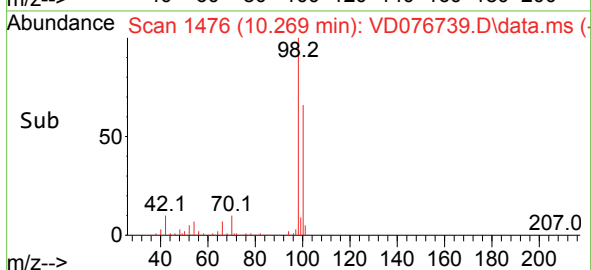
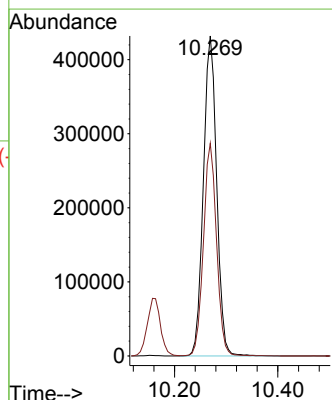
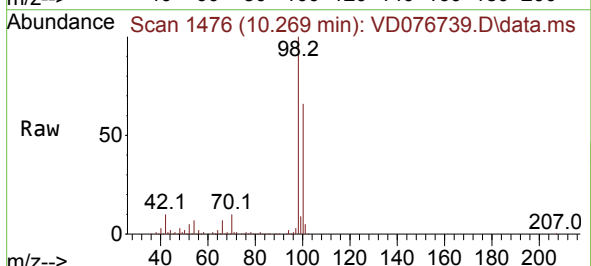
Acq: 14 Jul 2023 13:49

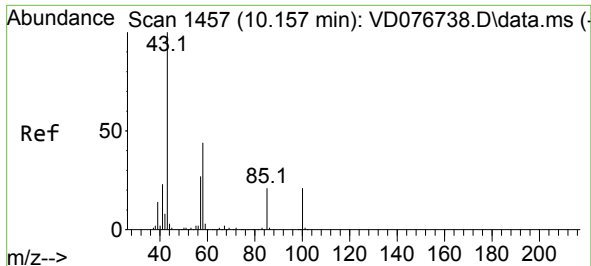
Tgt Ion: 98 Resp: 770578

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

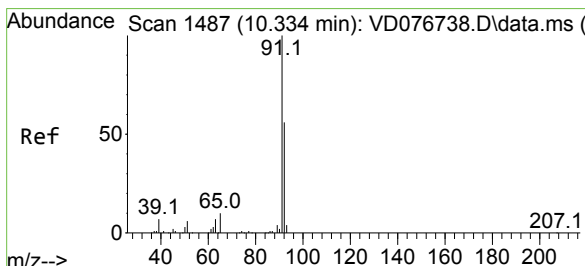
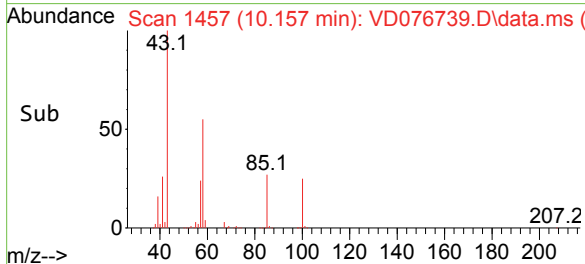
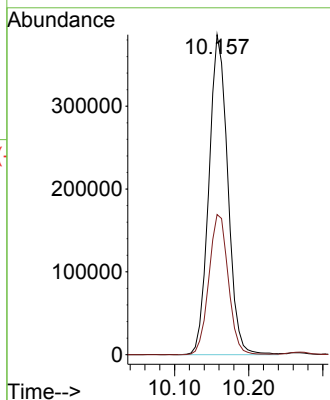
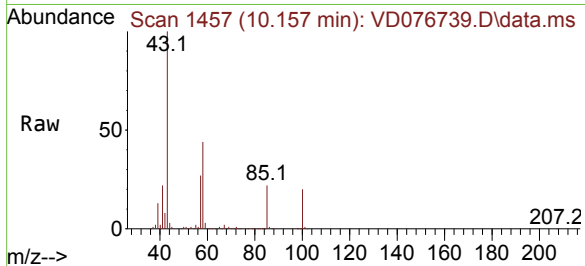




#51
4-Methyl-2-Pentanone
Concen: 508.961 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

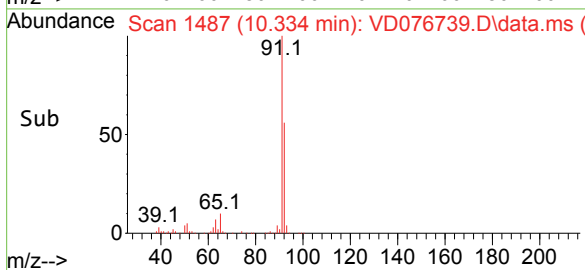
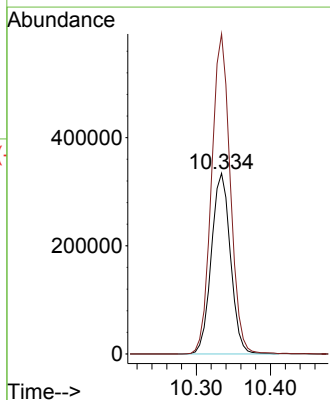
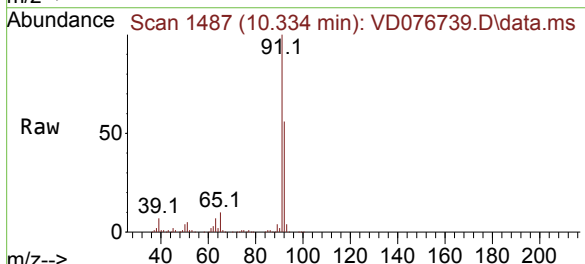
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

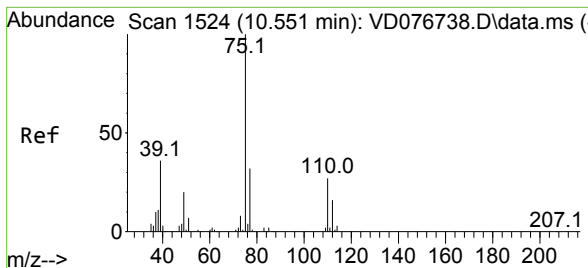
Tgt Ion: 43 Resp: 683303
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 100.401 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 92 Resp: 596917
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4

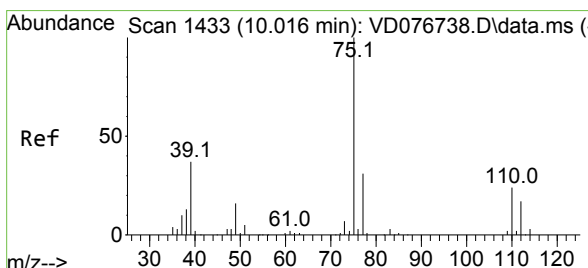
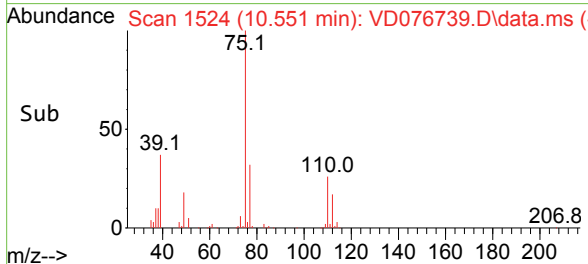
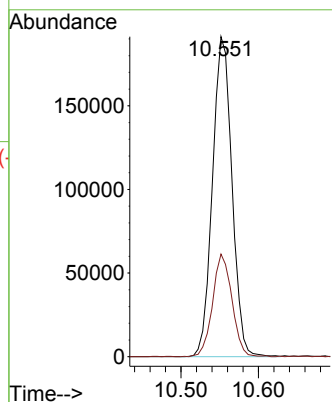
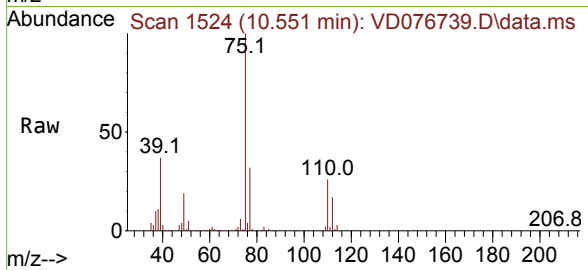




#53
t-1,3-Dichloropropene
Concen: 105.145 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

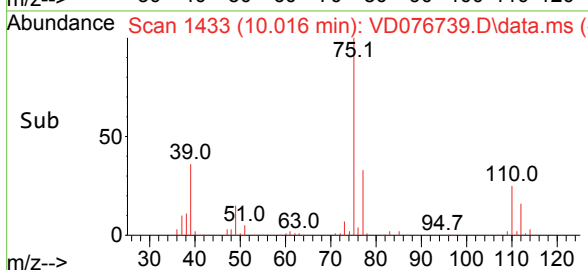
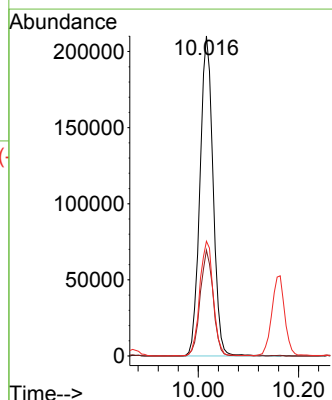
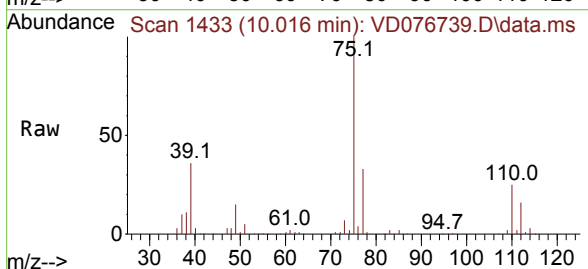
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

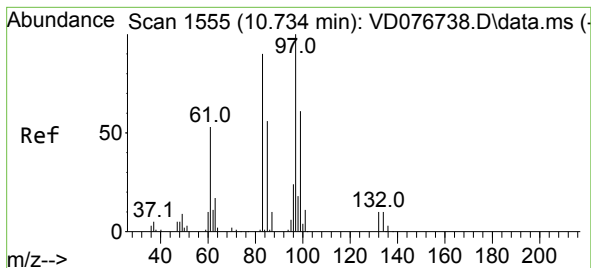
Tgt Ion: 75 Resp: 334168
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 100.924 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 75 Resp: 381222
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 35.9 22.1 33.1#

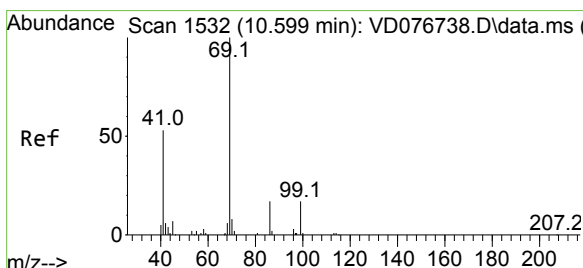
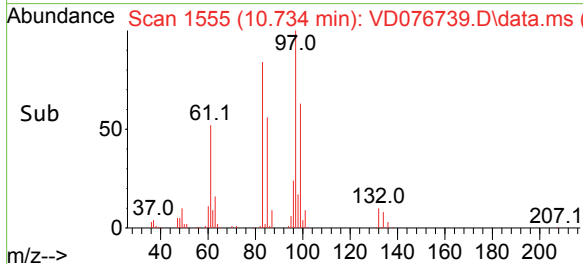
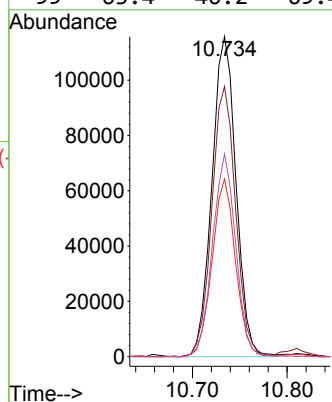
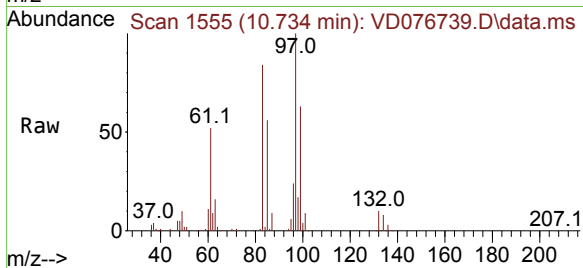




#55
1,1,2-Trichloroethane
Concen: 101.292 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

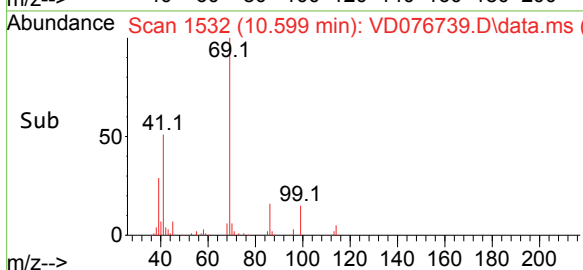
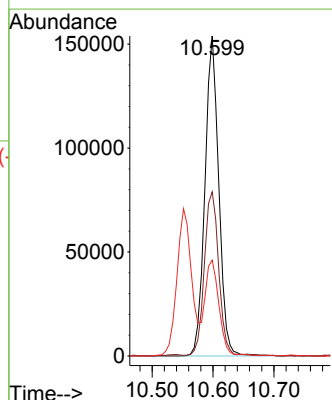
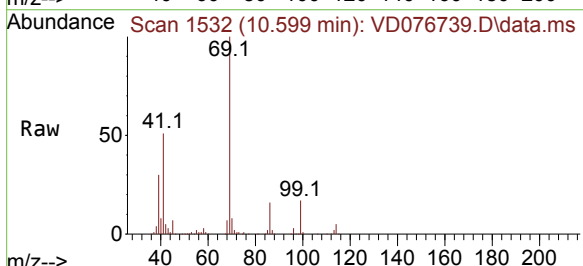
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

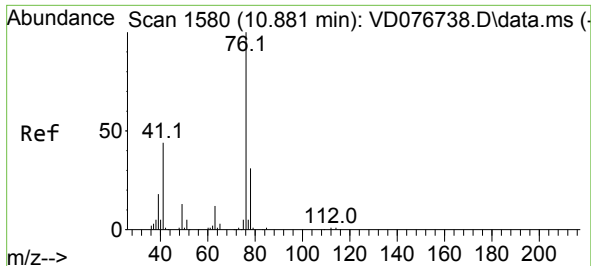
Tgt Ion: 97	Resp: 204444		
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.6
85	55.6	45.7	68.5
99	63.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 105.781 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 69	Resp: 243261
Ion Ratio	Lower Upper
69 100	
41 54.0	39.1 58.7
39 30.2	20.0 30.0#

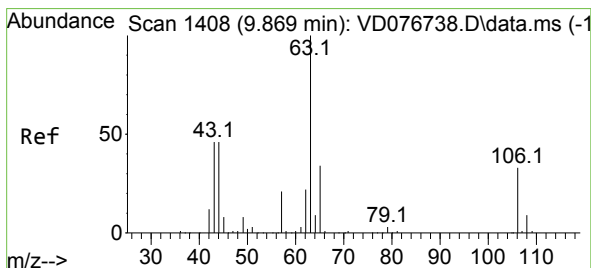
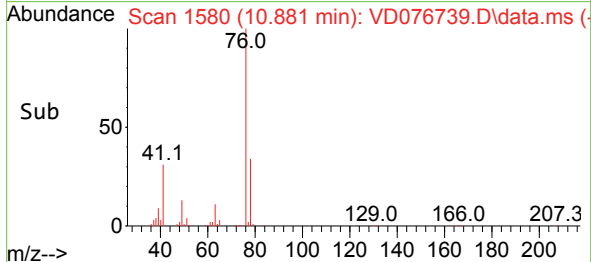
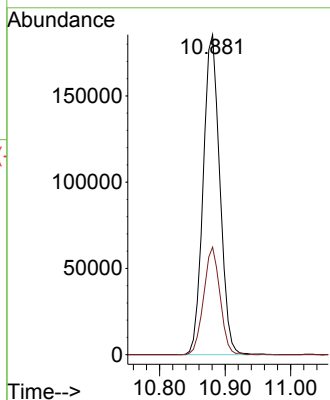
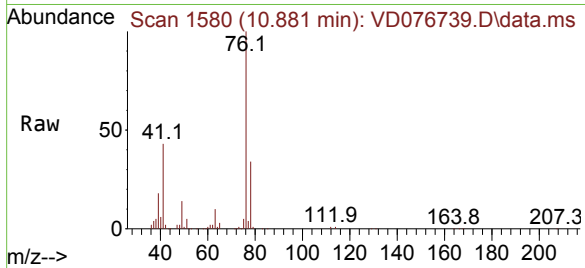




#57
1,3-Dichloropropane
Concen: 100.024 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

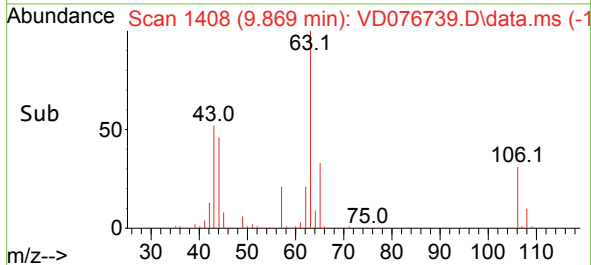
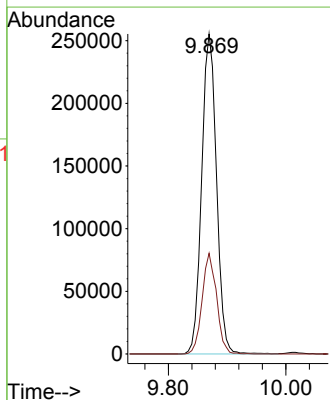
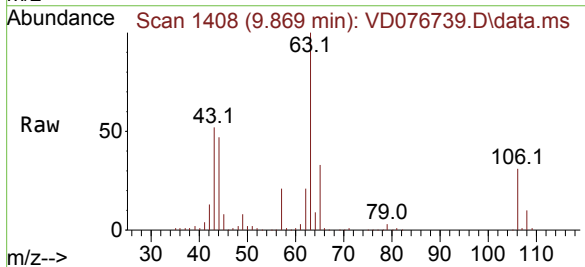
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

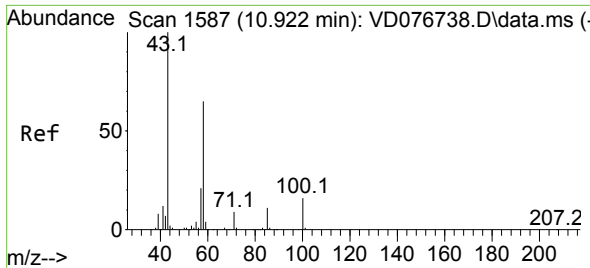
Tgt Ion: 76 Resp: 326907
Ion Ratio Lower Upper
76 100
78 33.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 495.193 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 63 Resp: 446452
Ion Ratio Lower Upper
63 100
106 30.6 25.3 37.9

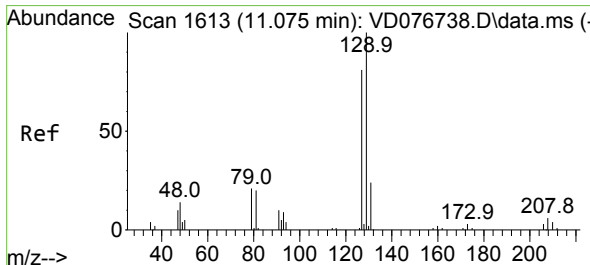
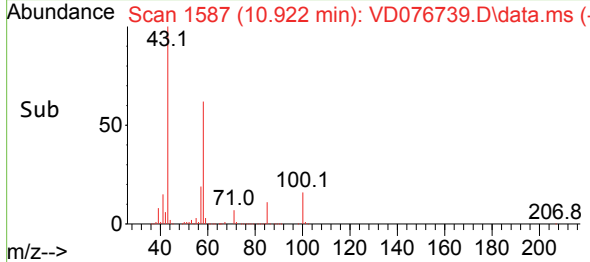
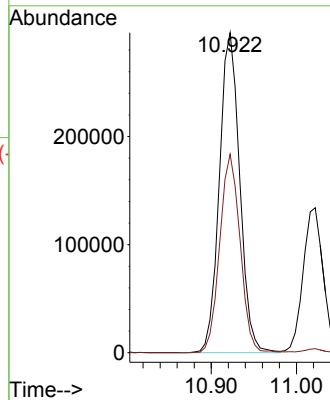
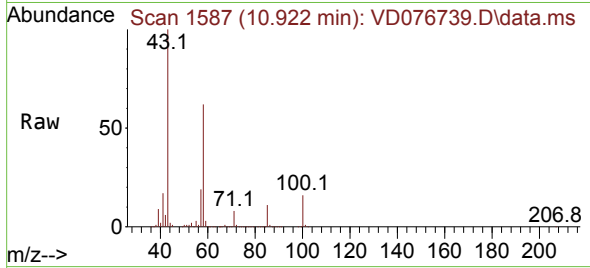




#59
2-Hexanone
Concen: 511.033 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

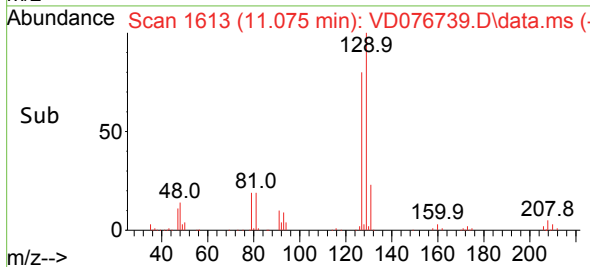
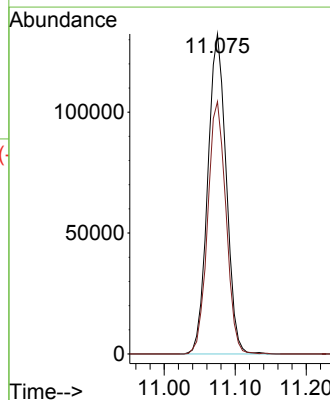
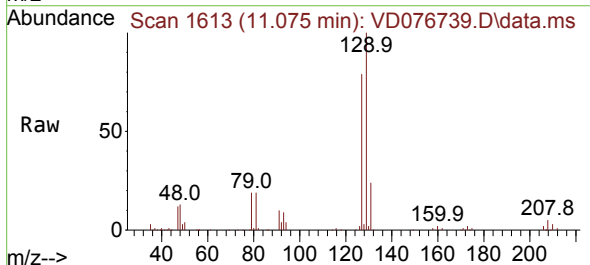
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

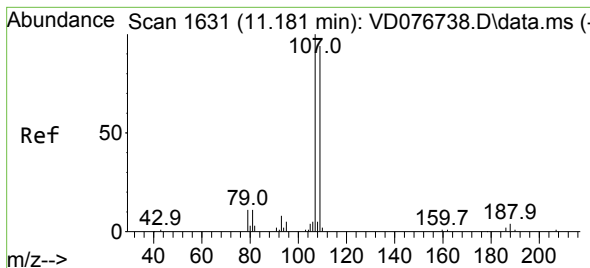
Tgt Ion: 43 Resp: 491018
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2



#60
Dibromochloromethane
Concen: 102.471 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 129 Resp: 238690
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





#61

1,2-Dibromoethane

Concen: 100.191 ug/l

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

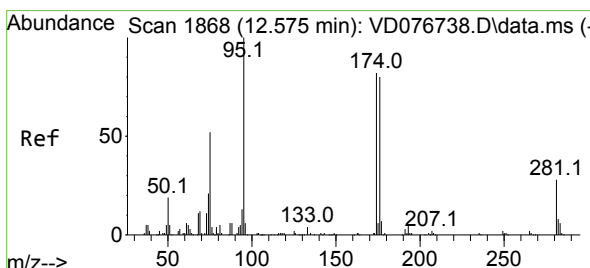
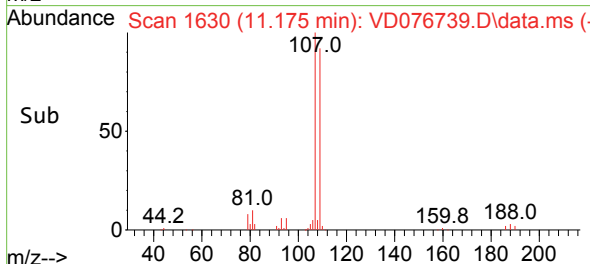
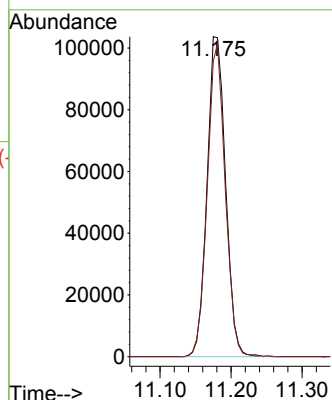
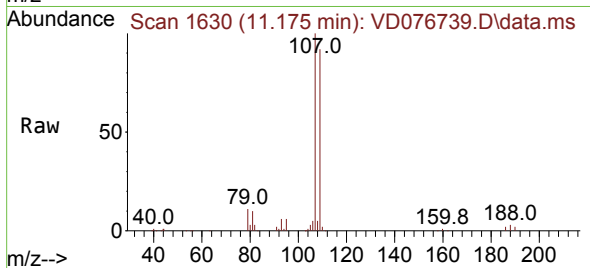
VSTDIC100

Tgt Ion:107 Resp: 188039

Ion Ratio Lower Upper

107 100

109 94.5 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 101.361 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

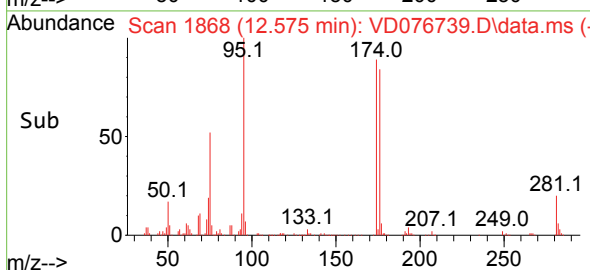
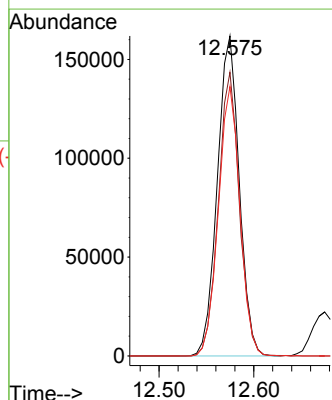
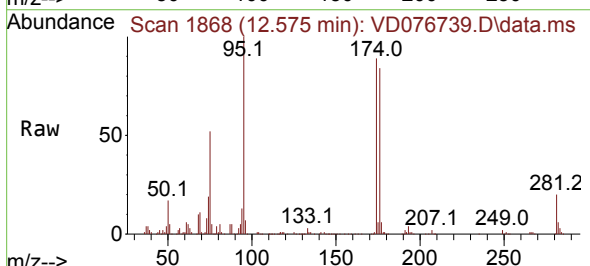
Tgt Ion: 95 Resp: 260687

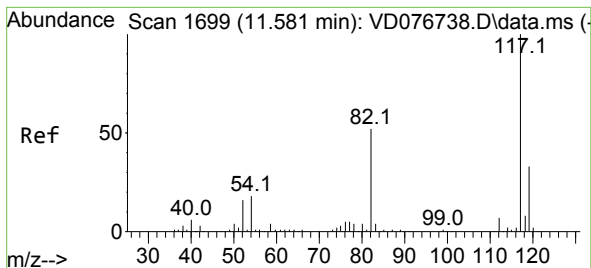
Ion Ratio Lower Upper

95 100

174 85.4 0.0 201.8

176 82.8 0.0 191.8

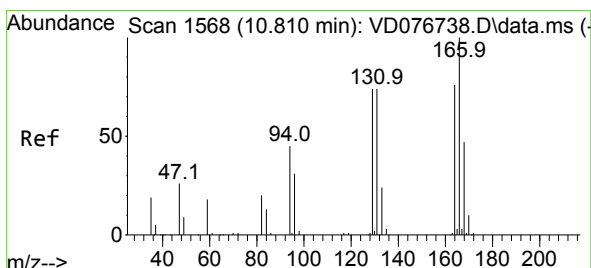
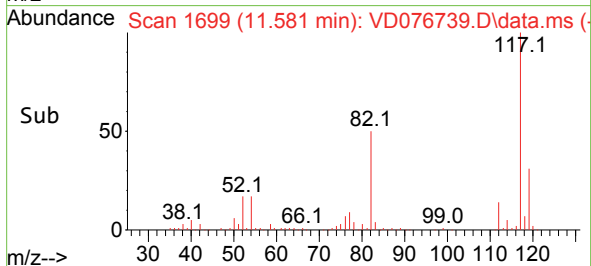
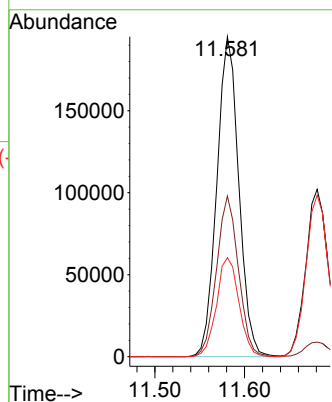
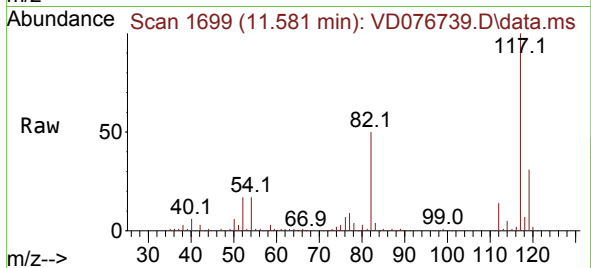




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

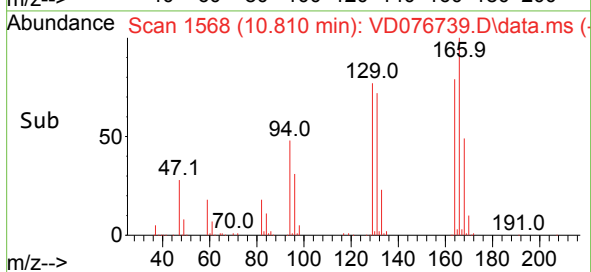
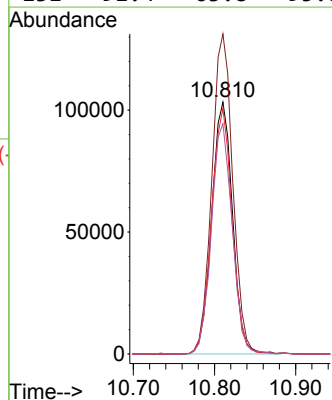
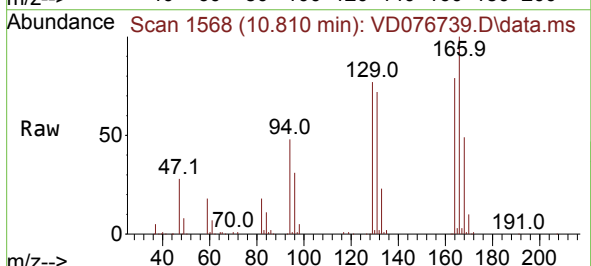
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

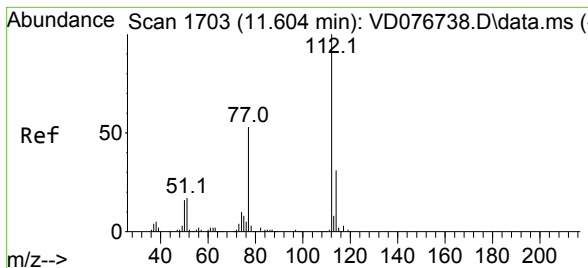
Tgt Ion:117 Resp: 331974
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 98.098 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:164 Resp: 184114
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 97.5 68.4 102.6
131 91.4 63.8 95.8





#65

Chlorobenzene

Concen: 99.467 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

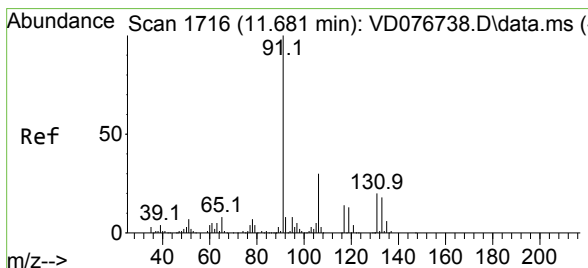
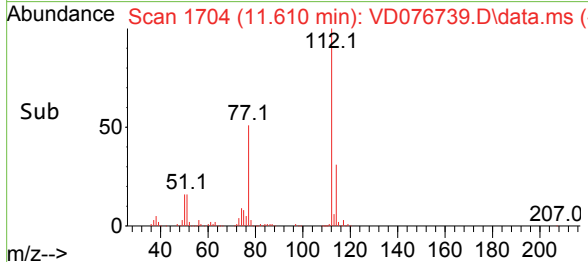
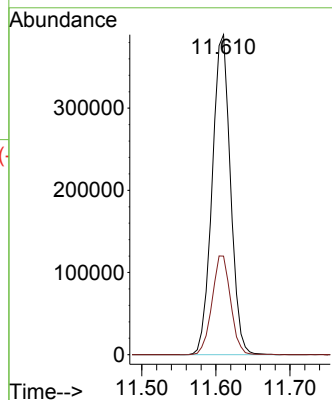
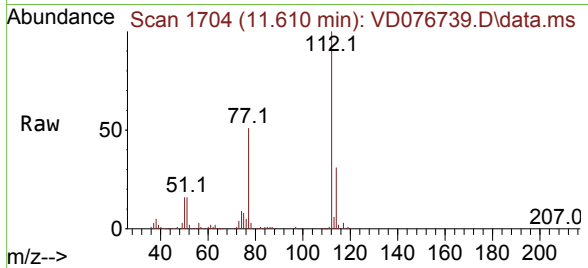
VSTDIC100

Tgt Ion:112 Resp: 667377

Ion Ratio Lower Upper

112 100

114 30.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 100.234 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

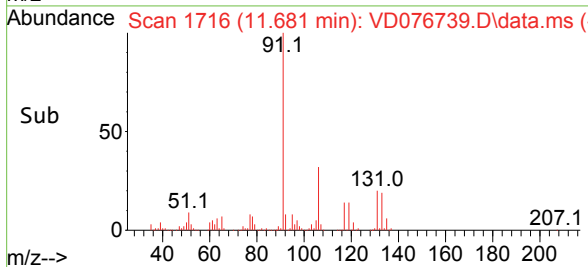
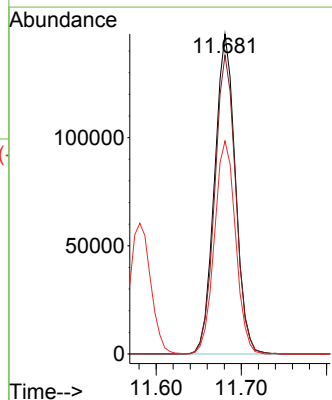
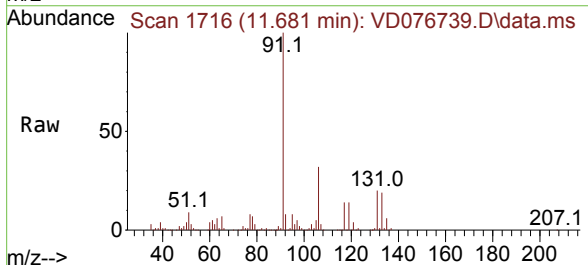
Tgt Ion:131 Resp: 251172

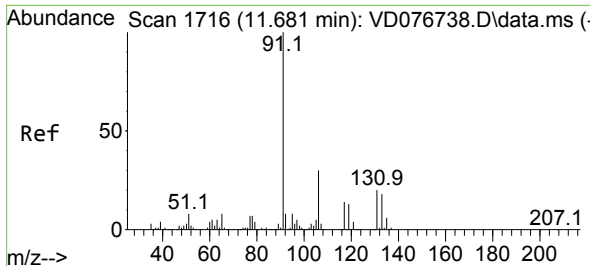
Ion Ratio Lower Upper

131 100

133 93.9 48.5 145.5

119 67.6 35.6 106.9

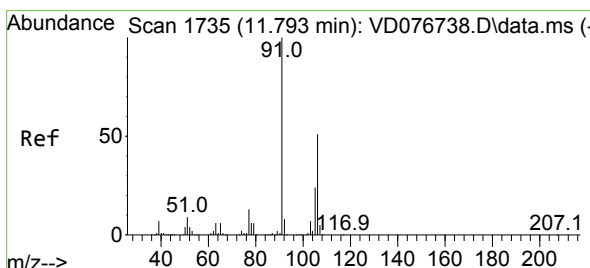
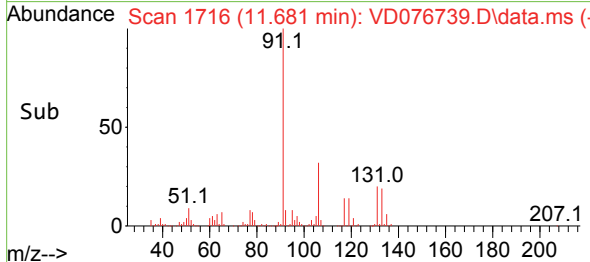
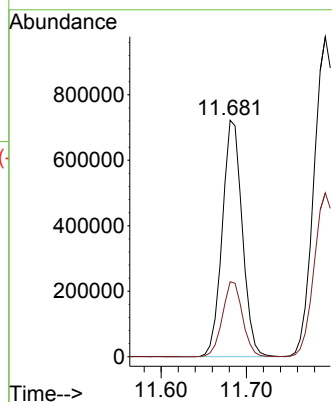
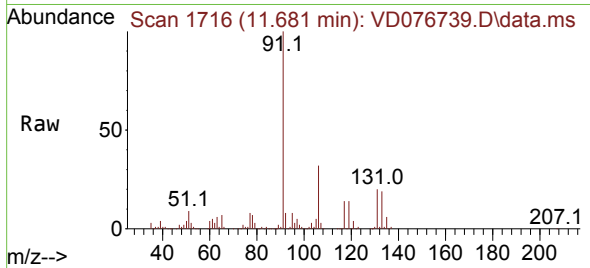




#67
Ethyl Benzene
Concen: 100.814 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

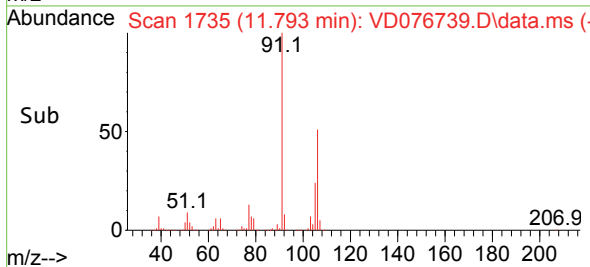
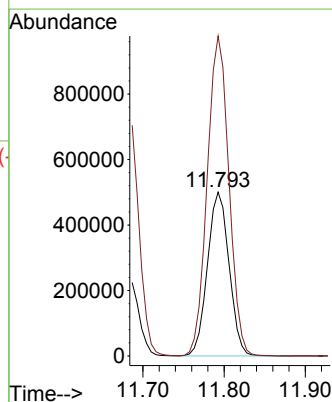
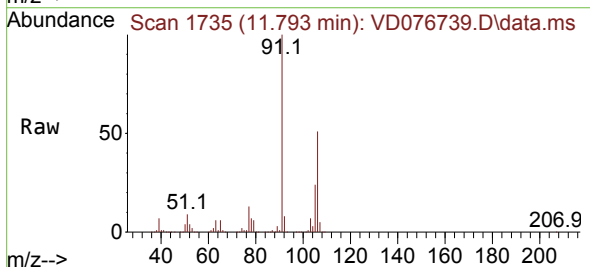
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

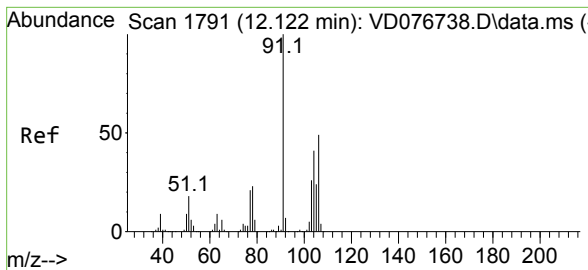
Tgt Ion: 91 Resp: 1176287
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7



#68
m/p-Xylenes
Concen: 206.067 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 106 Resp: 924273
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6

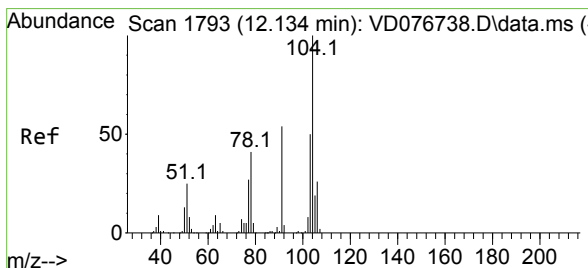
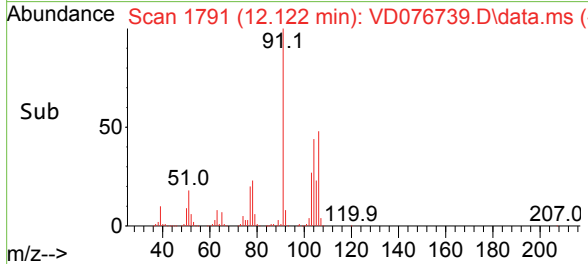
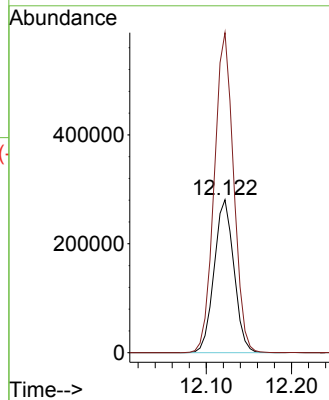
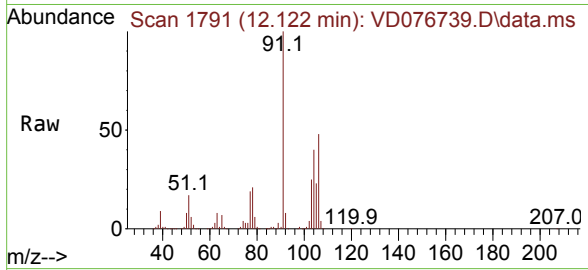




#69
o-Xylene
Concen: 105.975 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

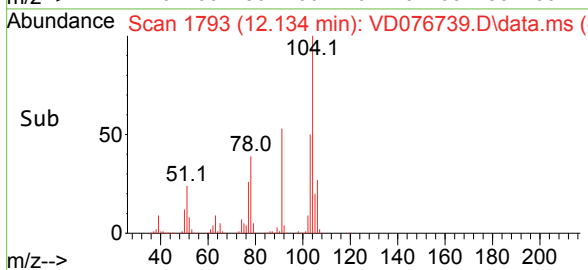
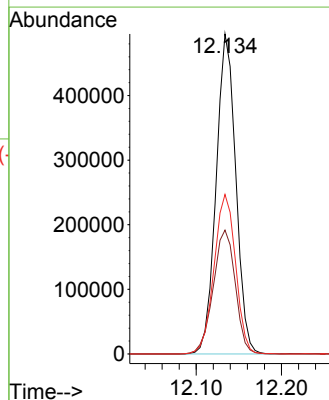
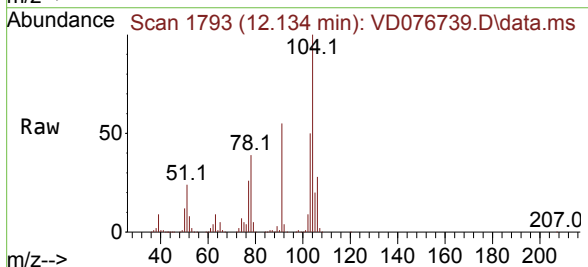
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

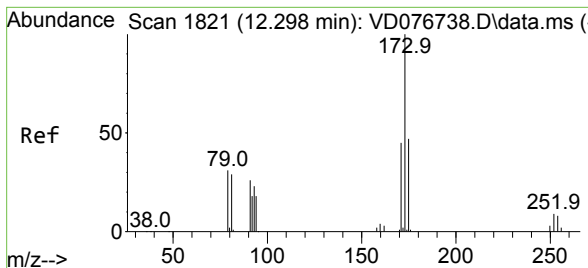
Tgt Ion:106 Resp: 453783
Ion Ratio Lower Upper
106 100
91 205.3 97.9 293.6



#70
Styrene
Concen: 106.302 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:104 Resp: 794298
Ion Ratio Lower Upper
104 100
78 43.4 33.2 49.8
103 54.5 43.6 65.4

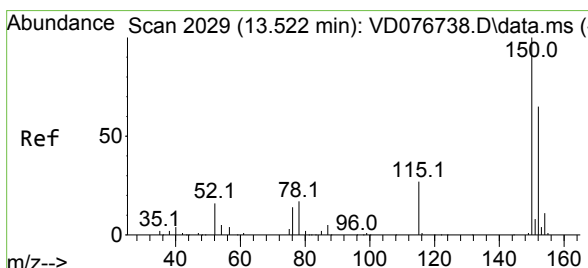
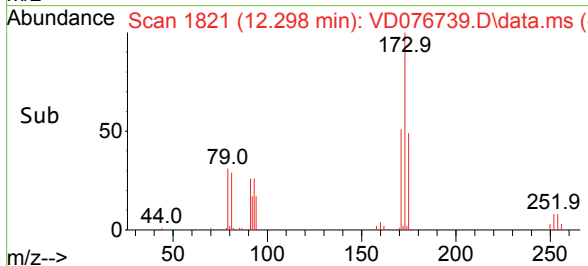
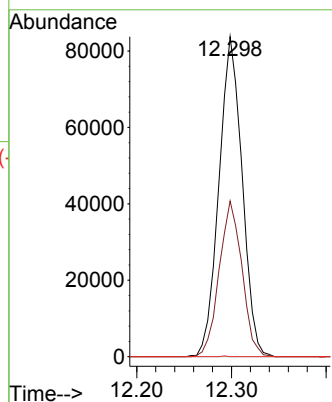
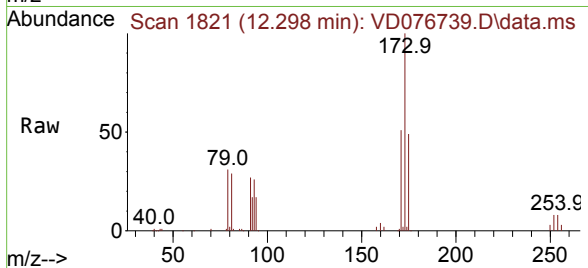




#71
Bromoform
Concen: 104.872 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

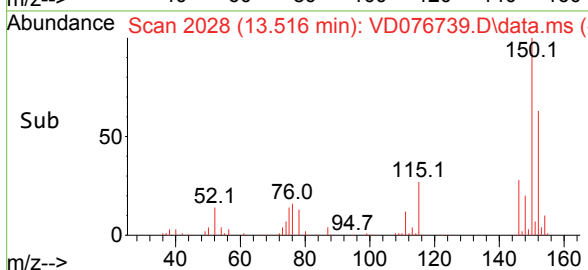
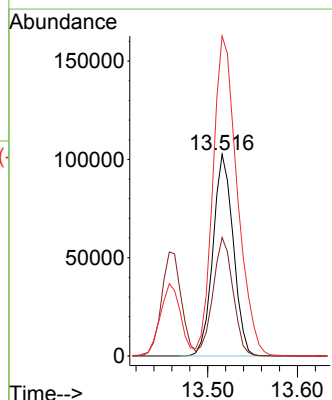
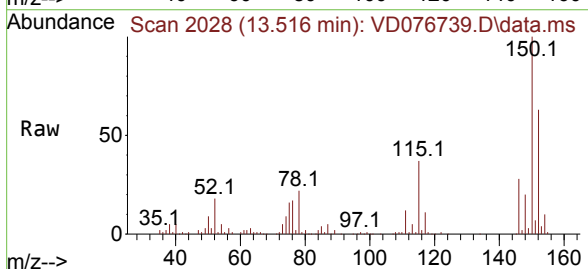
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

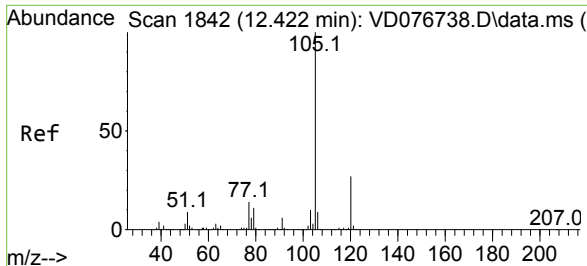
Tgt Ion:173 Resp: 142379
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:152 Resp: 160869
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 190.1 0.0 353.6

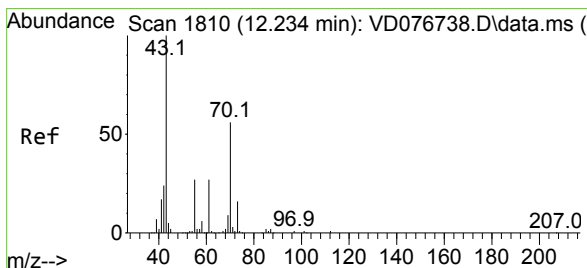
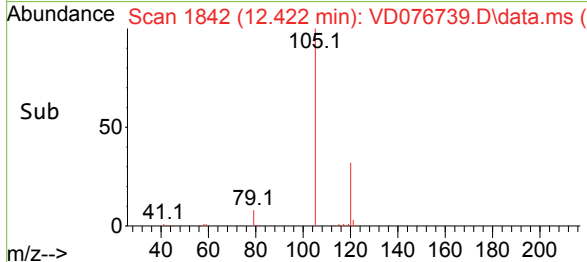
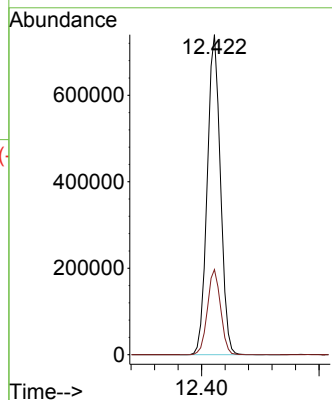
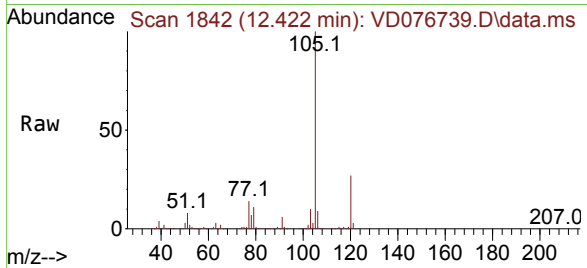




#73
Isopropylbenzene
Concen: 100.065 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

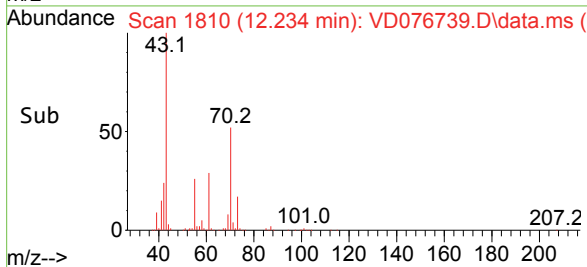
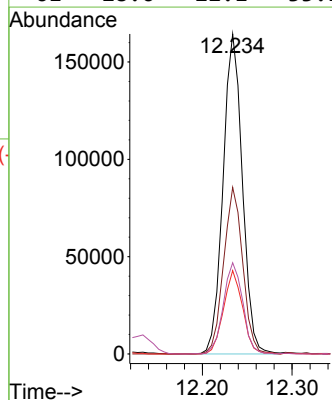
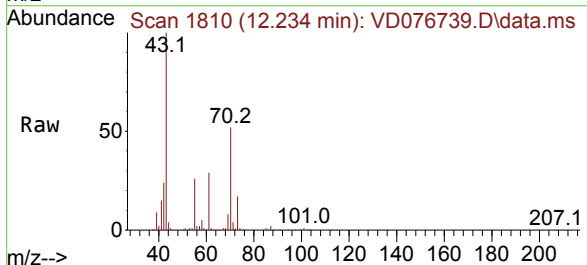
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

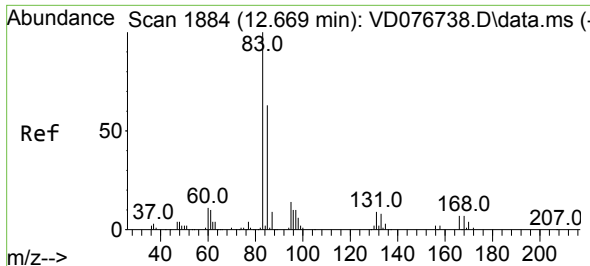
Tgt Ion:105 Resp: 1150548
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 100.781 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 43 Resp: 245817
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 25.7 23.8 35.6
61 28.6 22.1 33.1

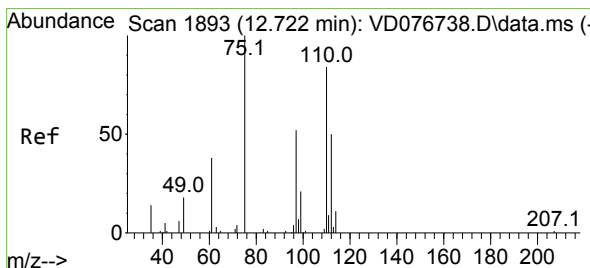
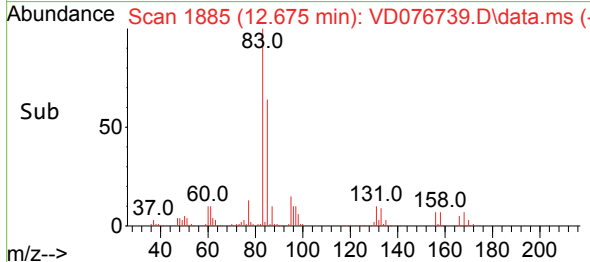
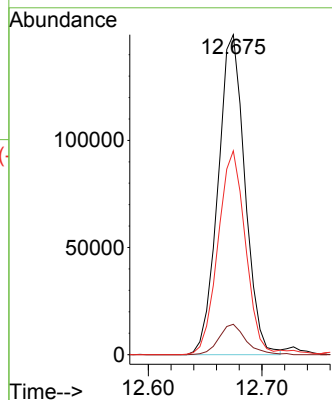
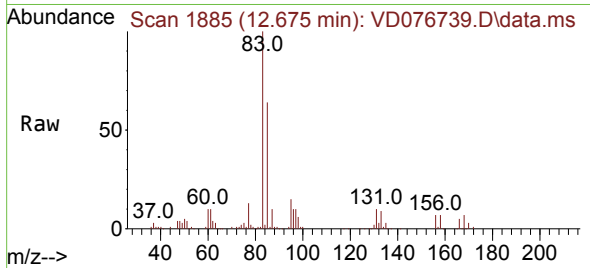




#75
1,1,2-Tetrachloroethane
Concen: 98.489 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

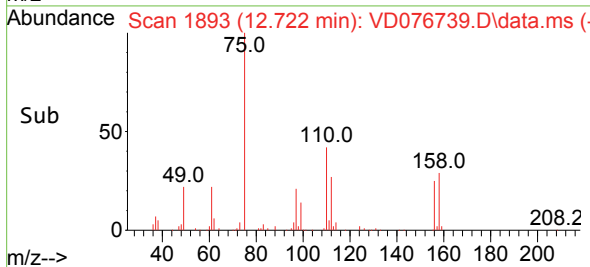
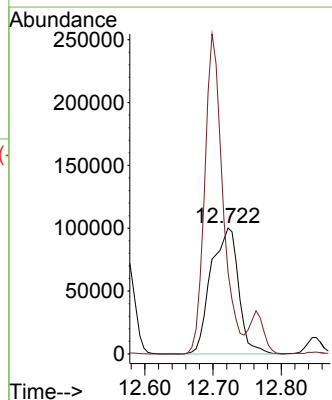
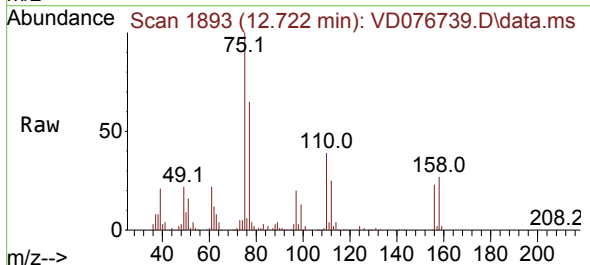
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

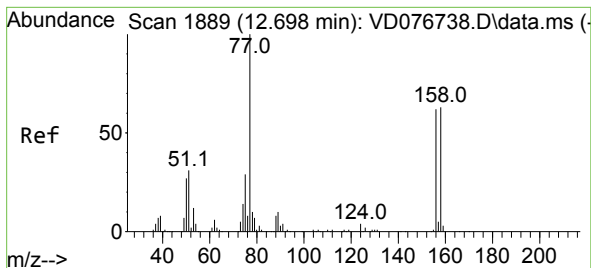
Tgt Ion: 83 Resp: 246196
Ion Ratio Lower Upper
83 100
131 9.6 5.1 15.3
85 65.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 197.090 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 75 Resp: 282198
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.584 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

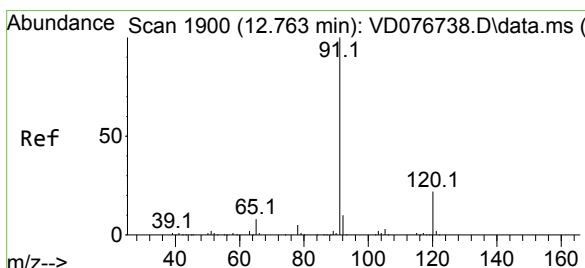
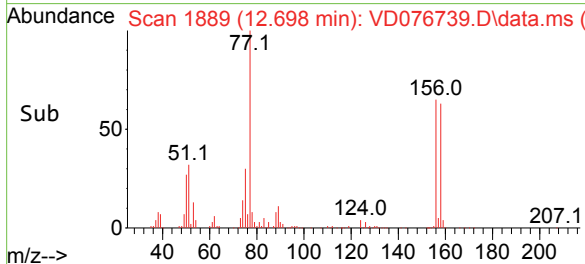
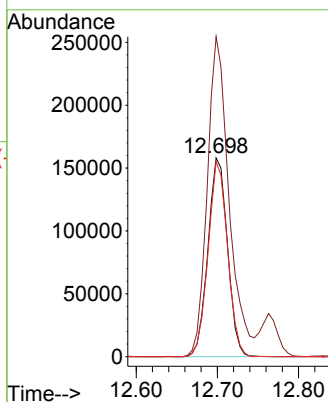
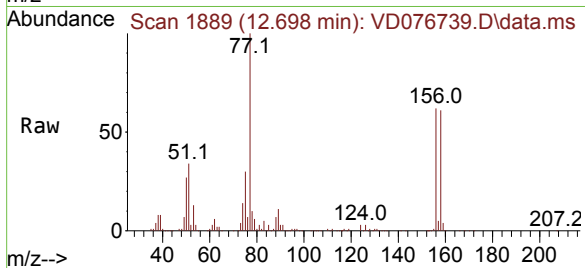
Tgt Ion:156 Resp: 264708

Ion Ratio Lower Upper

156 100

77 178.9 76.8 230.4

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 99.813 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076739.D

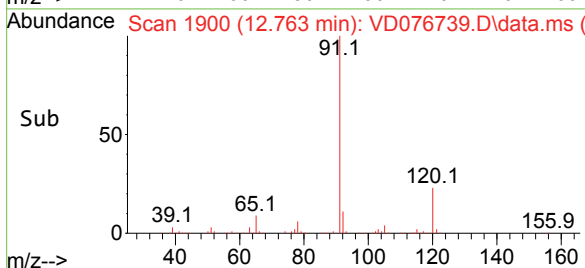
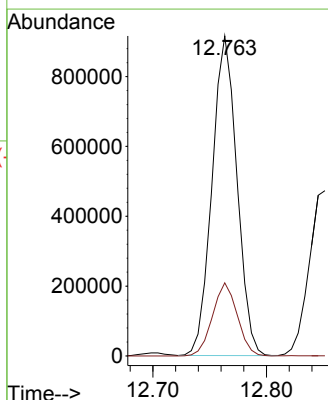
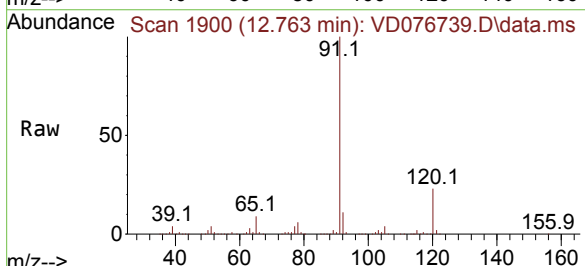
Acq: 14 Jul 2023 13:49

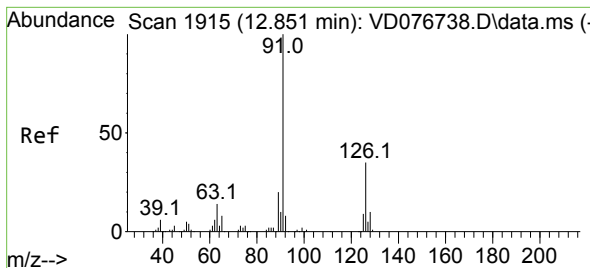
Tgt Ion: 91 Resp: 1396720

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 99.669 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

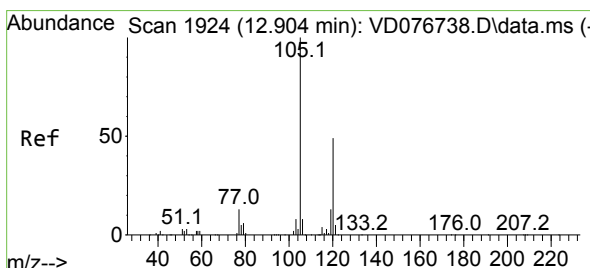
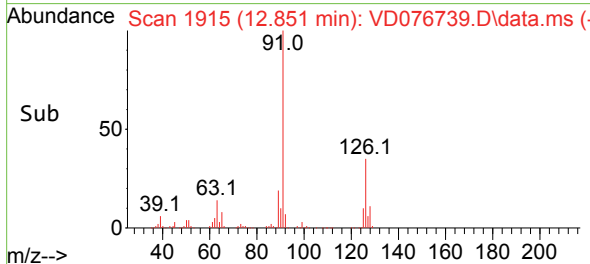
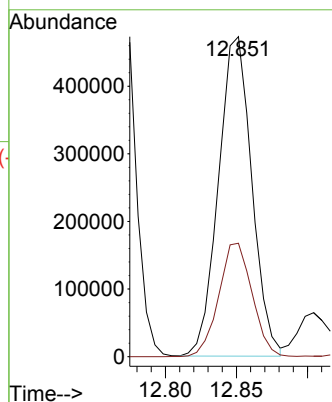
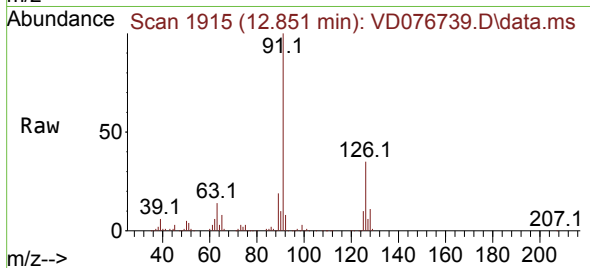
VSTDICC100

Tgt Ion: 91 Resp: 772348

Ion Ratio Lower Upper

91 100

126 35.5 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 101.344 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076739.D

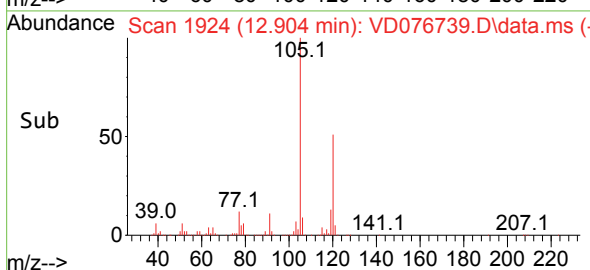
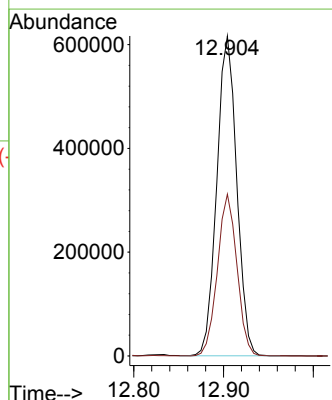
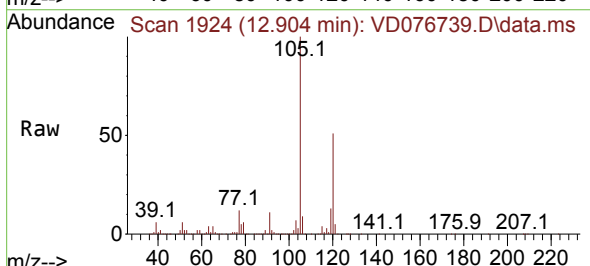
Acq: 14 Jul 2023 13:49

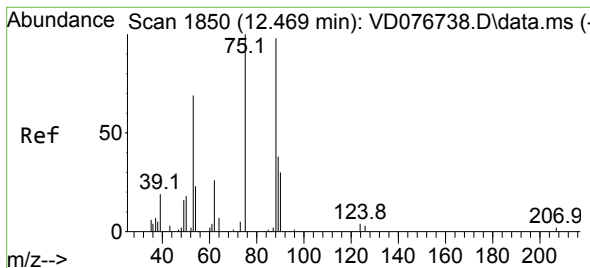
Tgt Ion: 105 Resp: 950468

Ion Ratio Lower Upper

105 100

120 49.6 26.4 79.2

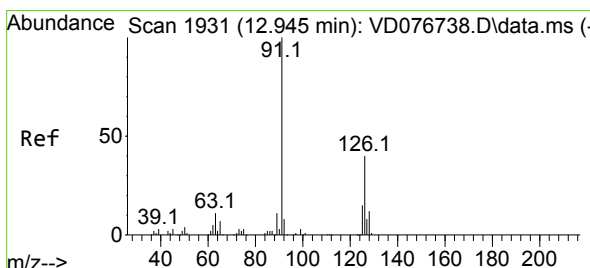
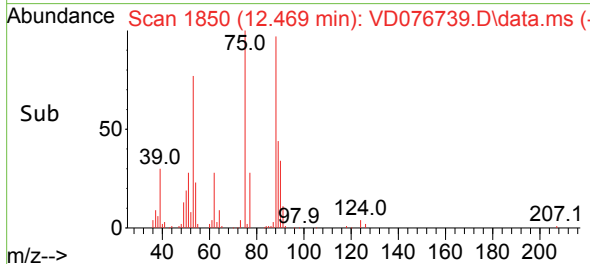
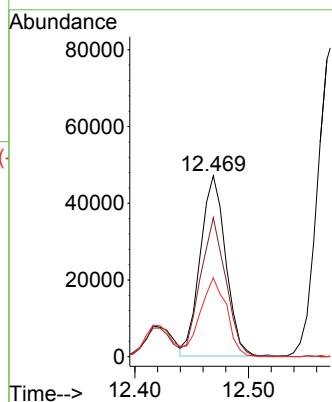
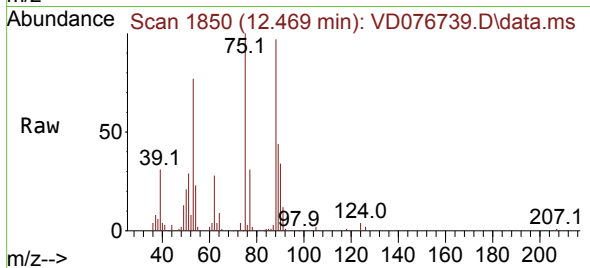




#81
 trans-1,4-Dichloro-2-butene
 Concen: 102.988 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

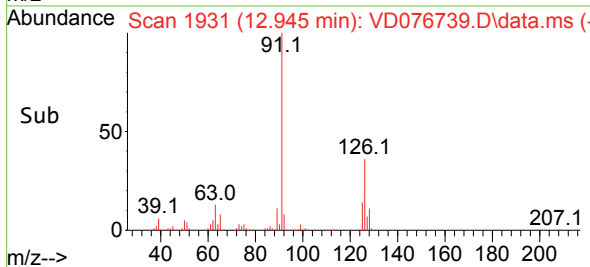
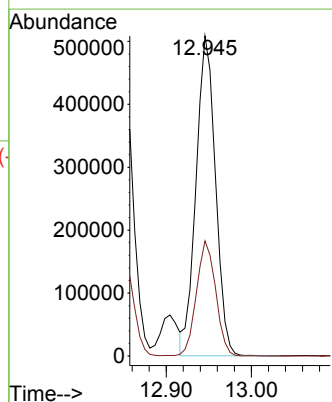
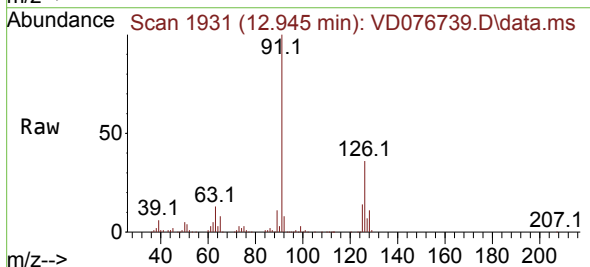
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

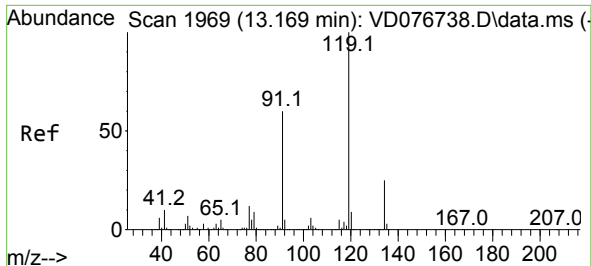
Tgt Ion: 75 Resp: 73319
 Ion Ratio Lower Upper
 75 100
 53 77.5 63.0 94.4
 89 45.4 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 98.942 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Tgt Ion: 91 Resp: 804411
 Ion Ratio Lower Upper
 91 100
 126 35.7 19.4 58.4

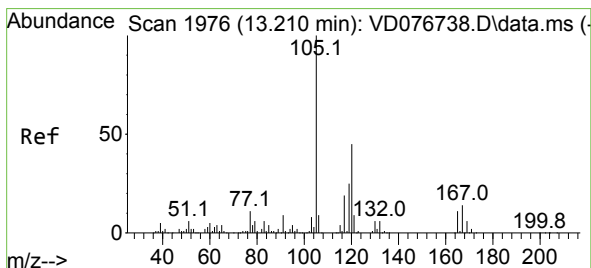
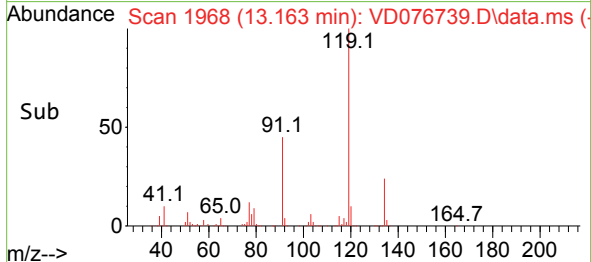
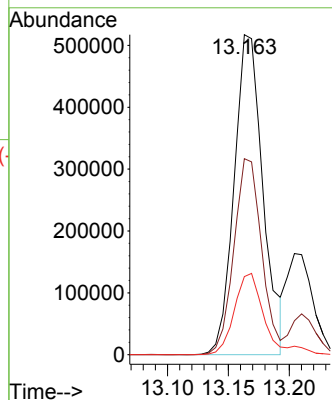
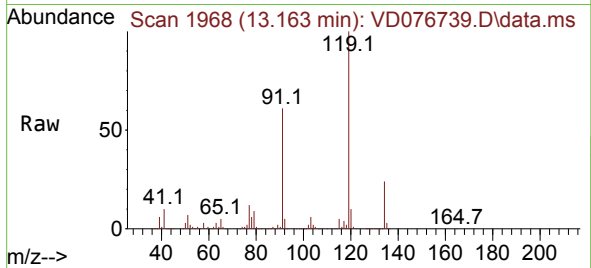




#83
tert-Butylbenzene
Concen: 103.350 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

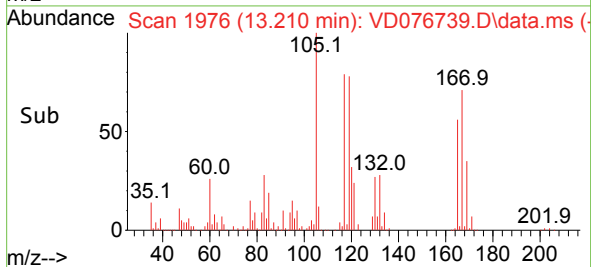
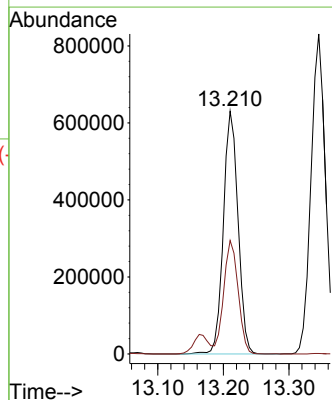
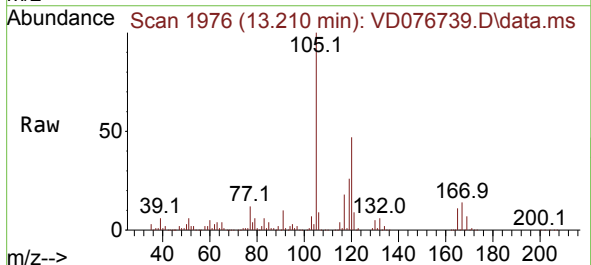
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

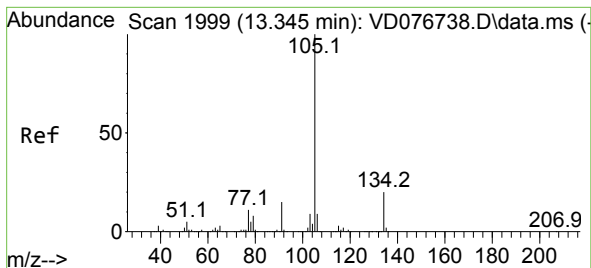
Tgt Ion:119 Resp: 853543
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.8
134 26.6 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 102.067 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:105 Resp: 974087
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9

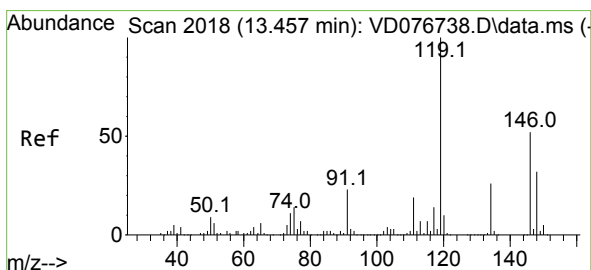
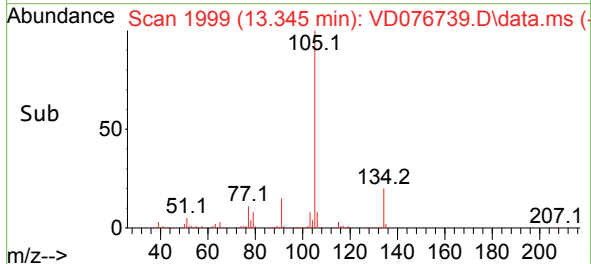
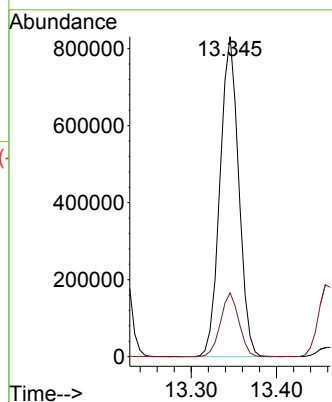
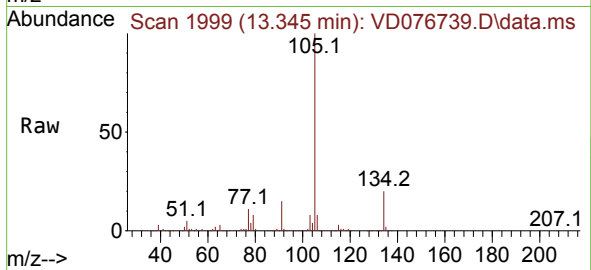




#85
 sec-Butylbenzene
 Concen: 99.750 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

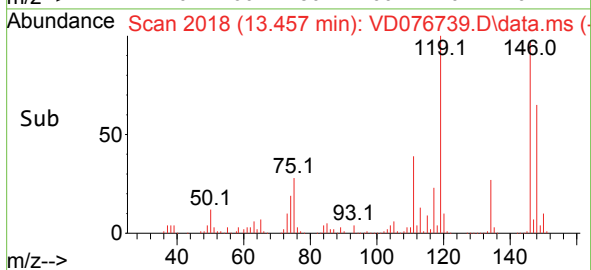
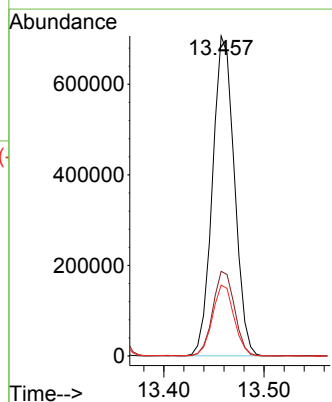
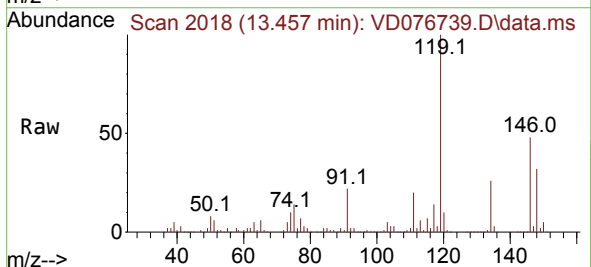
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

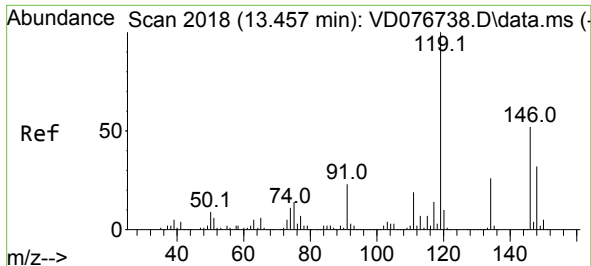
Tgt Ion:105 Resp: 1263179
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 103.045 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Tgt Ion:119 Resp: 1071451
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.9 10.5 31.5

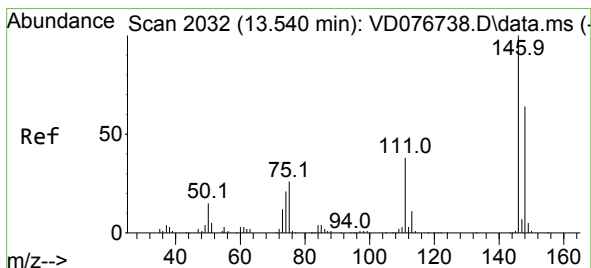
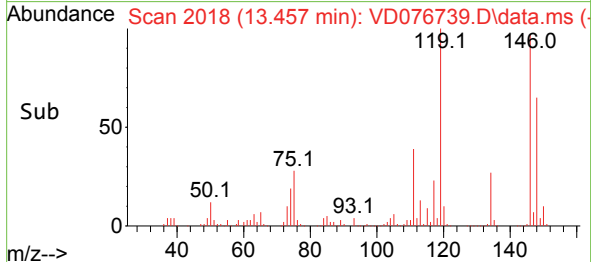
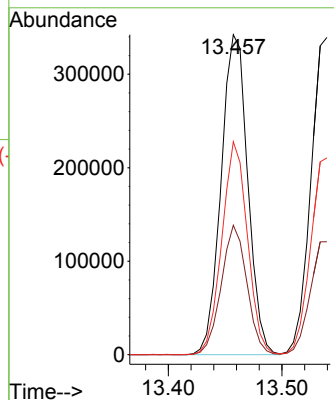
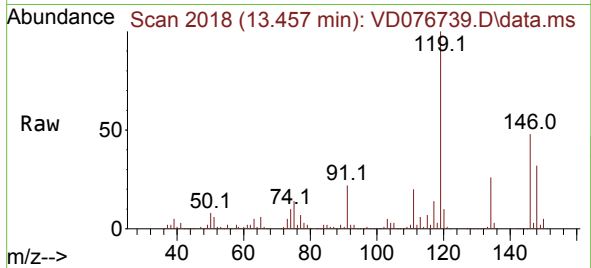




#87
 1,3-Dichlorobenzene
 Concen: 100.364 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

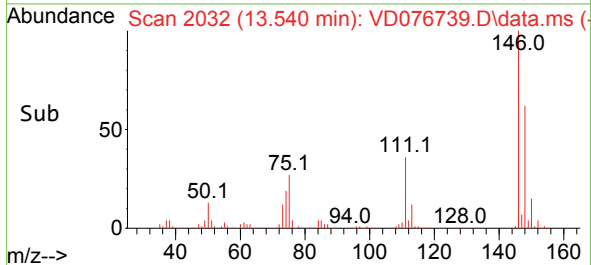
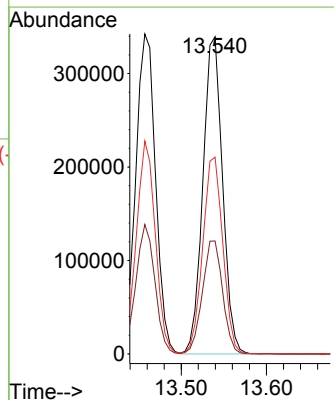
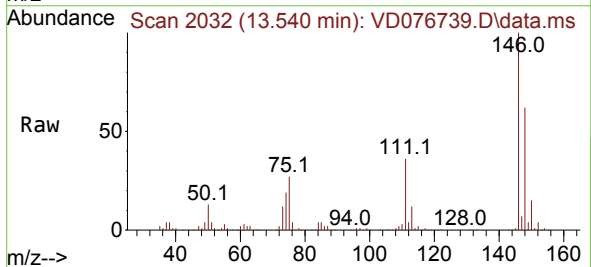
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100

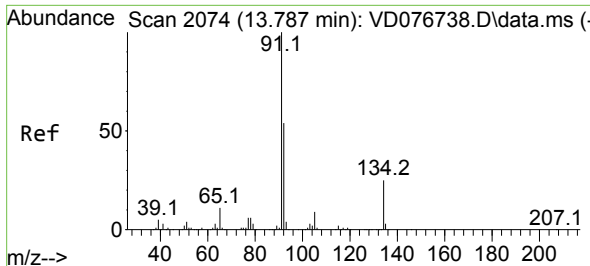
Tgt Ion:146 Resp: 558389
 Ion Ratio Lower Upper
 146 100
 111 38.9 17.9 53.8
 148 63.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 98.808 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Tgt Ion:146 Resp: 544228
 Ion Ratio Lower Upper
 146 100
 111 36.6 17.4 52.3
 148 63.6 31.7 95.1

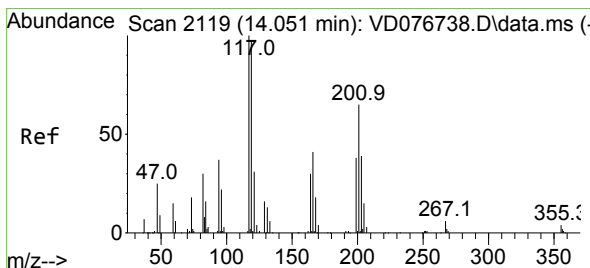
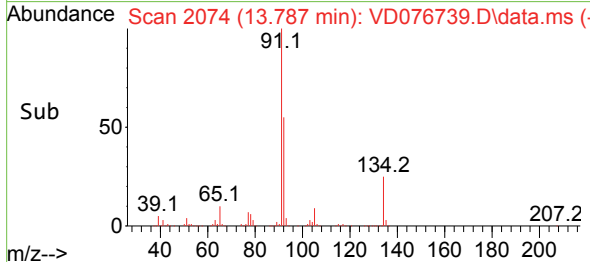
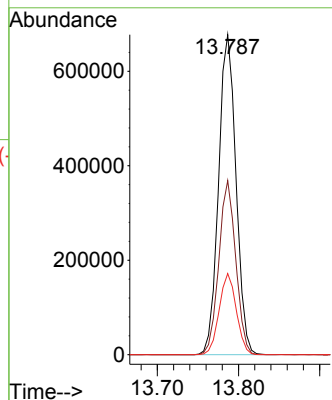
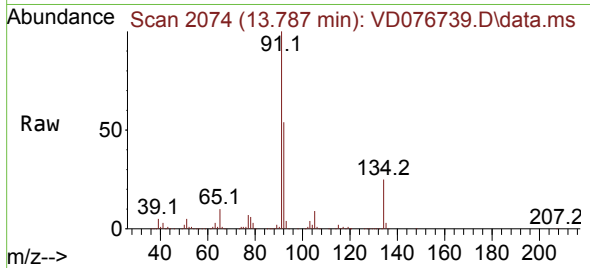




#89
n-Butylbenzene
Concen: 99.755 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

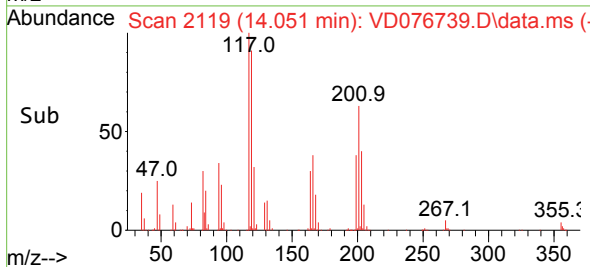
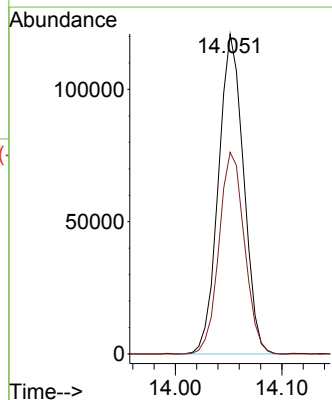
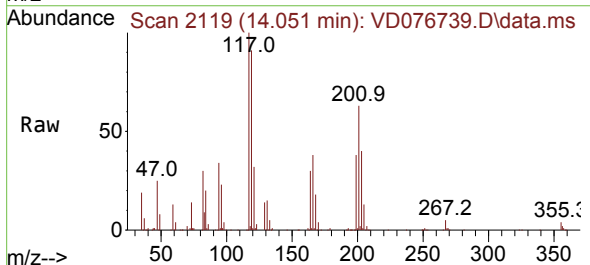
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

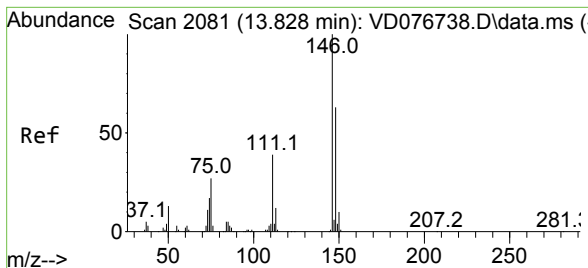
Tgt Ion: 91 Resp: 1011805
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.0 13.8 41.3



#90
Hexachloroethane
Concen: 101.567 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 117 Resp: 197949
Ion Ratio Lower Upper
117 100
201 64.0 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 97.736 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

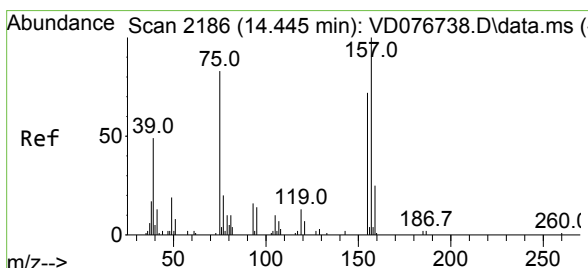
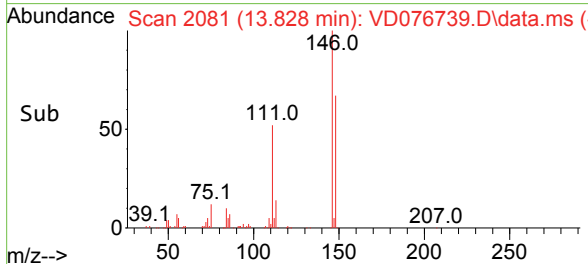
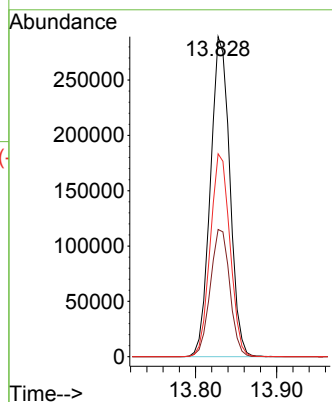
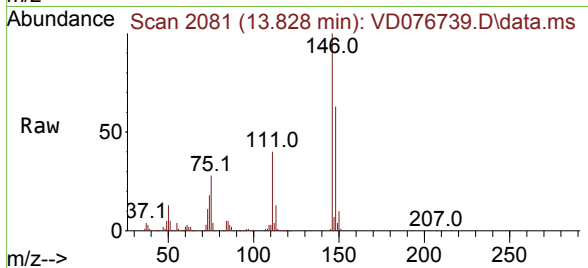
Tgt Ion:146 Resp: 478636

Ion Ratio Lower Upper

146 100

111 40.1 18.3 54.8

148 64.6 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 93.315 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

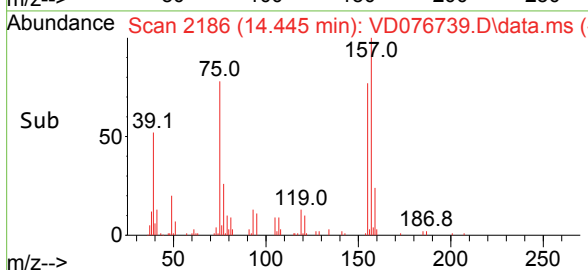
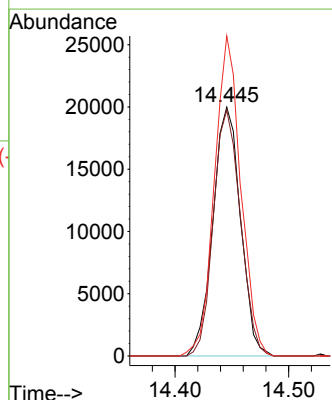
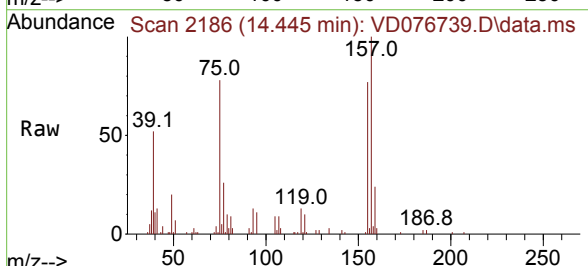
Tgt Ion: 75 Resp: 33805

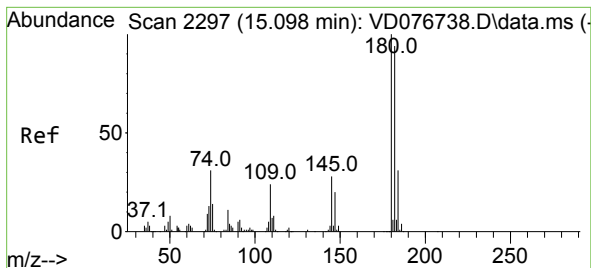
Ion Ratio Lower Upper

75 100

155 96.7 47.9 143.8

157 122.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 100.308 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

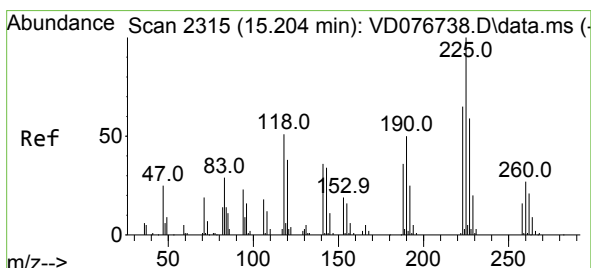
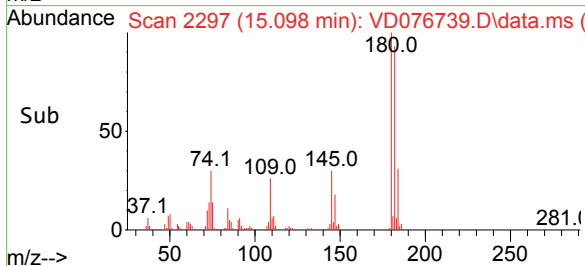
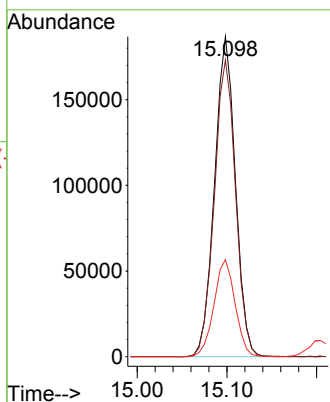
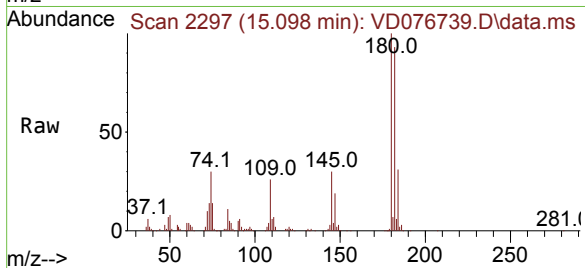
Tgt Ion:180 Resp: 301750

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 92.963 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

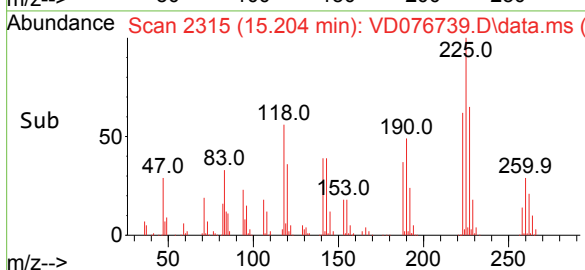
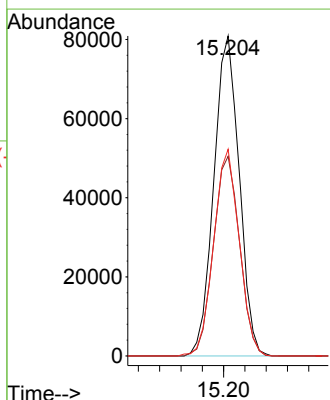
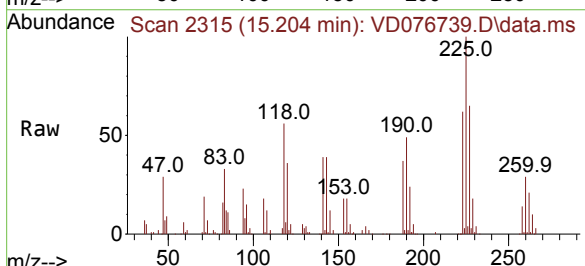
Tgt Ion:225 Resp: 133680

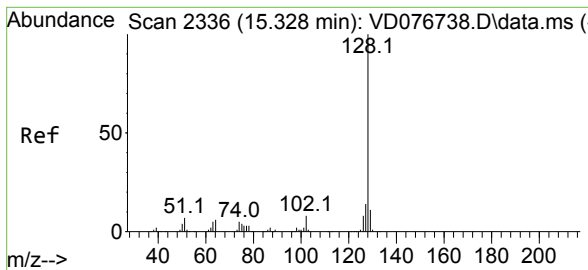
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 65.0 31.7 95.1

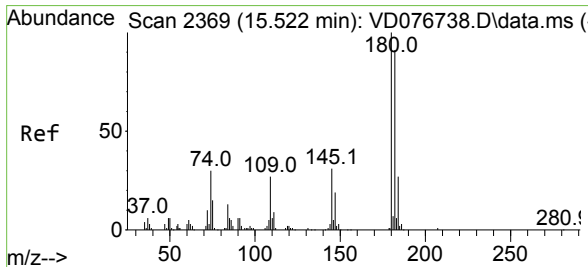
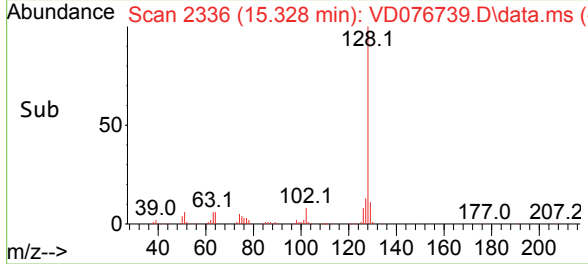
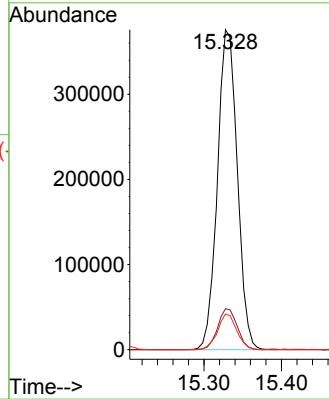
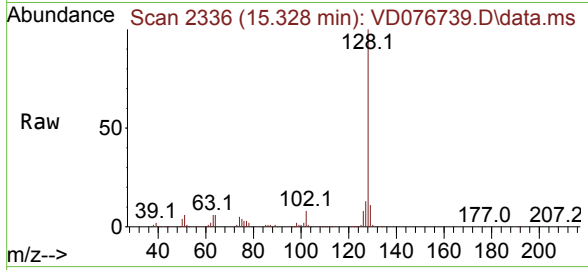




#95
Naphthalene
Concen: 105.334 ug/l
RT: 15.328 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 670522
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 101.118 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:180 Resp: 268994
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 32.3 15.1 45.3

