

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076823.D
 Acq On : 26 Jul 2023 23:25
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:29:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	290698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	522651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	463223	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	214819	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	124345	42.945	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.900%
35) Dibromofluoromethane	7.805	113	159678	48.617	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.240%
50) Toluene-d8	10.269	98	509791	43.388	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.780%
62) 4-Bromofluorobenzene	12.569	95	173078	45.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.080%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	101436	44.622	ug/l	99
3) Chloromethane	2.146	50	152494	38.888	ug/l	100
4) Vinyl Chloride	2.276	62	210837	40.334	ug/l	98
5) Bromomethane	2.681	94	160454	37.307	ug/l	98
6) Chloroethane	2.823	64	161512	40.923	ug/l	99
7) Trichlorofluoromethane	3.164	101	235019	50.528	ug/l	98
8) Diethyl Ether	3.587	74	81628	50.972	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	154843	50.644	ug/l	99
10) Methyl Iodide	4.152	142	200275	58.108	ug/l	94
11) Tert butyl alcohol	5.058	59	57262	265.026	ug/l	100
12) 1,1-Dichloroethene	3.934	96	141863	49.386	ug/l	97
13) Acrolein	3.787	56	25049	170.126	ug/l	96
14) Allyl chloride	4.558	41	167251	44.322	ug/l	93
15) Acrylonitrile	5.252	53	185489	235.828	ug/l	99
16) Acetone	4.017	43	151442	219.007	ug/l #	82
17) Carbon Disulfide	4.264	76	286375	42.684	ug/l	96
18) Methyl Acetate	4.558	43	182395	70.205	ug/l	98
19) Methyl tert-butyl Ether	5.311	73	403781	52.417	ug/l	93
20) Methylene Chloride	4.793	84	213031	52.188	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	163269	48.897	ug/l	99
22) Diisopropyl ether	6.216	45	411965	46.103	ug/l	98
23) Vinyl Acetate	6.152	43	524178	118.559	ug/l	99
24) 1,1-Dichloroethane	6.105	63	289023	47.972	ug/l	98
25) 2-Butanone	7.081	43	216589	234.034	ug/l	93
26) 2,2-Dichloropropane	7.075	77	230229	44.330	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	211082	51.280	ug/l	100
28) Bromochloromethane	7.422	49	55044	36.544	ug/l	97
29) Tetrahydrofuran	7.446	42	132648	242.591	ug/l	99
30) Chloroform	7.593	83	335710	50.875	ug/l	98
31) Cyclohexane	7.875	56	178283	41.839	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	277613	52.143	ug/l	96
36) 1,1-Dichloropropene	8.005	75	207144	48.265	ug/l	99
37) Ethyl Acetate	7.163	43	85822	44.715	ug/l	96
38) Carbon Tetrachloride	7.987	117	212257	51.651	ug/l	98
39) Methylcyclohexane	9.269	83	239152	48.259	ug/l	99
40) Benzene	8.246	78	892824	65.932	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	48127	41.062	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	174883	49.704	ug/l	99
43) Isopropyl Acetate	8.363	43	181054	48.336	ug/l	94
44) Trichloroethene	9.028	130	198469	53.784	ug/l	92
45) 1,2-Dichloropropane	9.305	63	170826	48.869	ug/l	100
46) Dibromomethane	9.393	93	106673	52.135	ug/l	95
47) Bromodichloromethane	9.581	83	257944	50.236	ug/l	98
48) Methyl methacrylate	9.381	41	82557	48.425	ug/l #	88
49) 1,4-Dioxane	9.381	88	28570	1089.839	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	483721	242.544	ug/l	96
52) Toluene	10.334	92	607549	68.311	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	235544	49.423	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	270717	48.197	ug/l #	94
55) 1,1,2-Trichloroethane	10.734	97	147861	49.488	ug/l	97
56) Ethyl methacrylate	10.599	69	175603	50.921	ug/l	96
57) 1,3-Dichloropropane	10.881	76	267938	55.066	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.869	63	292692	219.268	ug/l	98
59) 2-Hexanone	10.922	43	342670	240.798	ug/l	96
60) Dibromochloromethane	11.069	129	183876	52.975	ug/l	94
61) 1,2-Dibromoethane	11.181	107	146463	52.873	ug/l	97
64) Tetrachloroethene	10.810	164	225305	85.298	ug/l	92
65) Chlorobenzene	11.604	112	502503	53.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	189424	54.612	ug/l	97
67) Ethyl Benzene	11.681	91	1132175	69.198	ug/l	96
68) m/p-Xylenes	11.793	106	731556	116.420	ug/l	93
69) o-Xylene	12.122	106	348928	57.423	ug/l	93
70) Styrene	12.134	104	622430	58.514	ug/l	97
71) Bromoform	12.299	173	109234	57.502	ug/l #	98
73) Isopropylbenzene	12.422	105	852999	54.730	ug/l	97
74) N-amyl acetate	12.234	43	159203	48.487	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	171760	51.328	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	212646	104.090	ug/l #	100
77) Bromobenzene	12.698	156	796412	221.378	ug/l #	22
78) n-propylbenzene	12.763	91	995888	52.707	ug/l	98
79) 2-Chlorotoluene	12.851	91	558901	53.948	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	696406	55.260	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	46204	48.134	ug/l	99
82) 4-Chlorotoluene	12.946	91	579048	53.502	ug/l	95
83) tert-Butylbenzene	13.163	119	622982	56.143	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	724166	56.231	ug/l	96
85) sec-Butylbenzene	13.345	105	920805	54.315	ug/l	96
86) p-Isopropyltoluene	13.457	119	762234	54.441	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	398158	53.809	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	393874	54.330	ug/l	98
89) n-Butylbenzene	13.787	91	696042	50.804	ug/l	99
90) Hexachloroethane	14.051	117	140771	54.384	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	355059	54.455	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	49948	104.685	ug/l	54
93) 1,2,4-Trichlorobenzene	15.098	180	222159	55.810	ug/l	97
94) Hexachlorobutadiene	15.204	225	104769	54.726	ug/l	99
95) Naphthalene	15.328	128	3575671	414.862	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	204626	57.284	ug/l	97

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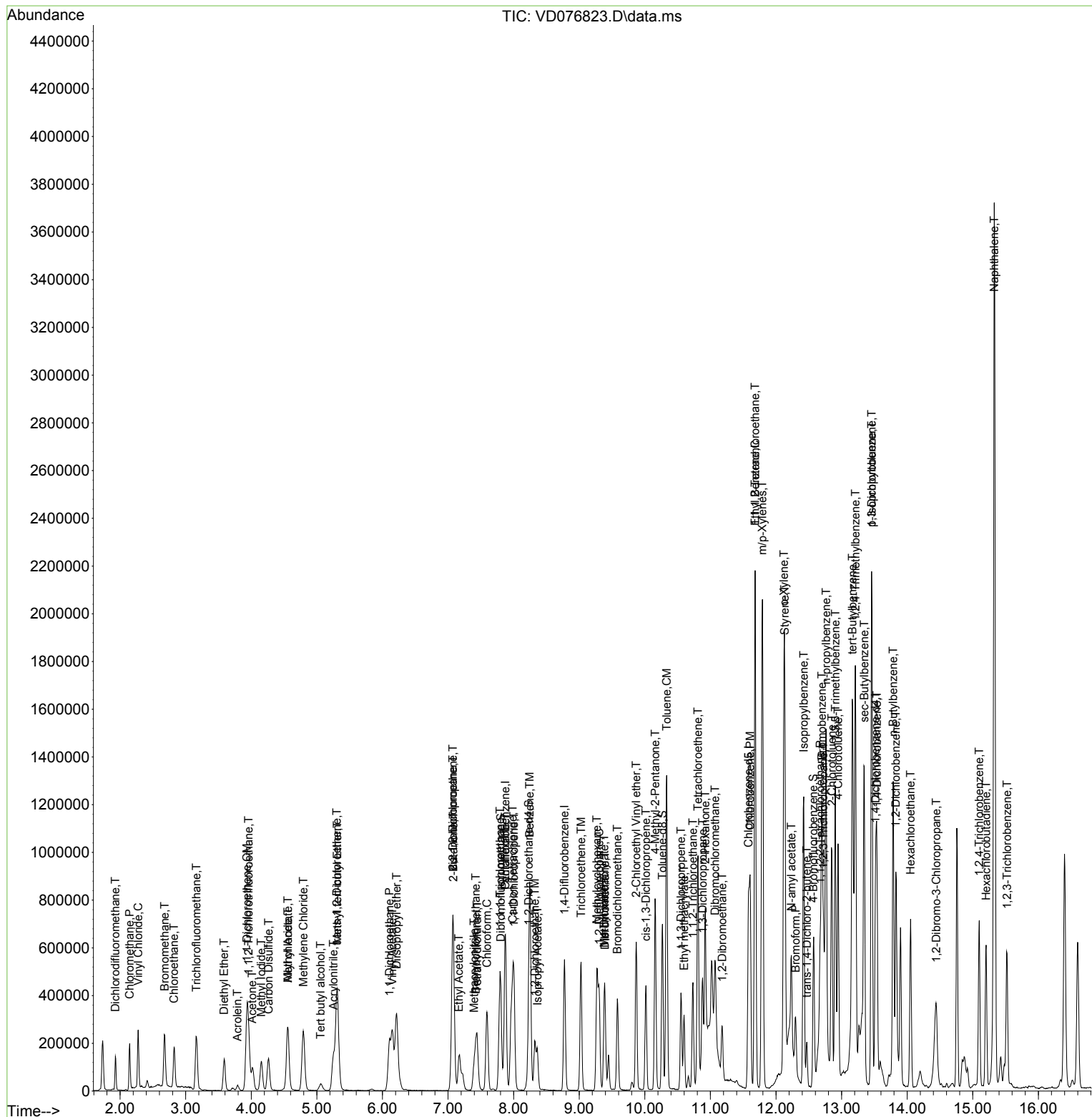
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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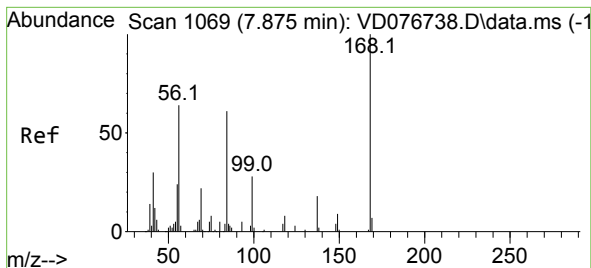
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

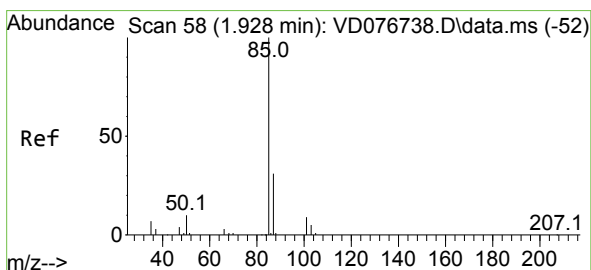
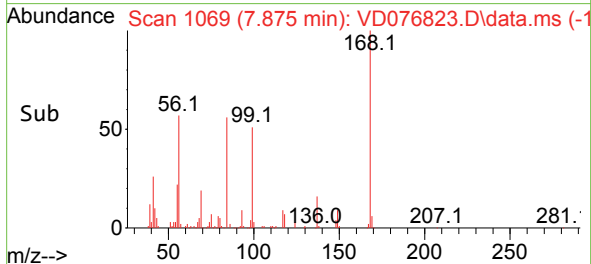
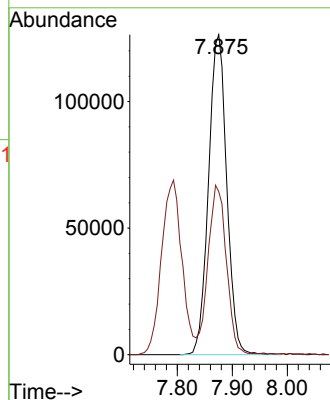
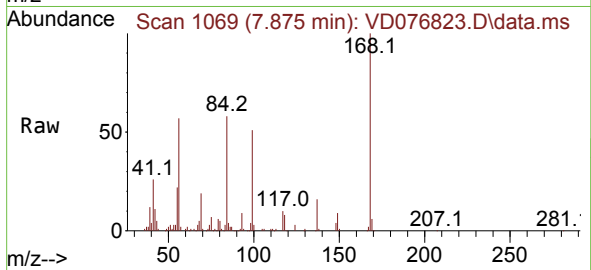
ClientSampleId :

Tgt Ion:168 Resp: 290698

Ion Ratio Lower Upper

168 100

99 50.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 44.622 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076823.D

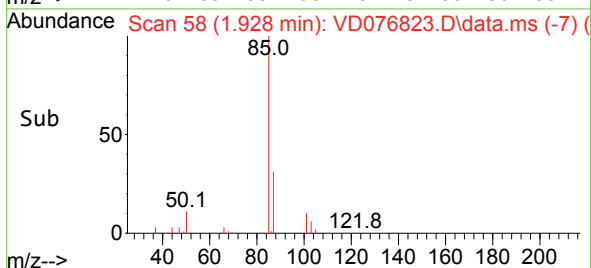
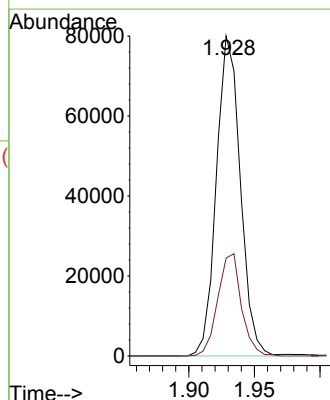
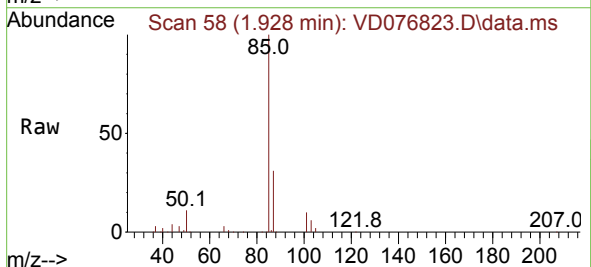
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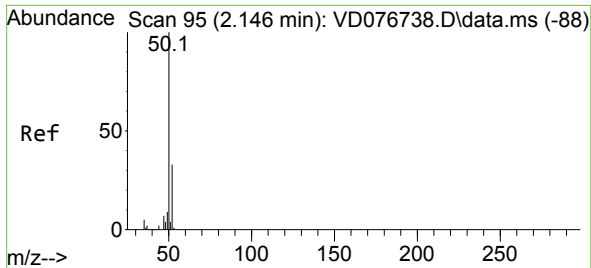
Tgt Ion: 85 Resp: 101436

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

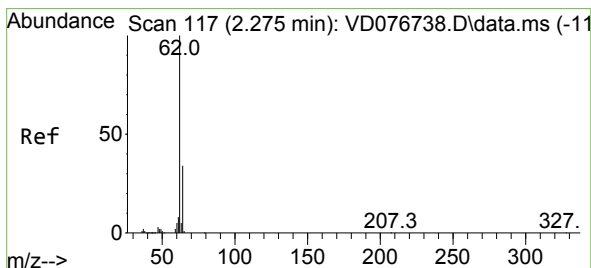
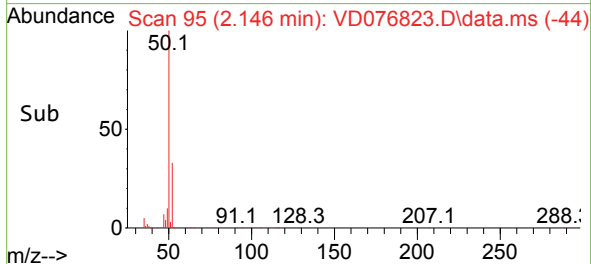
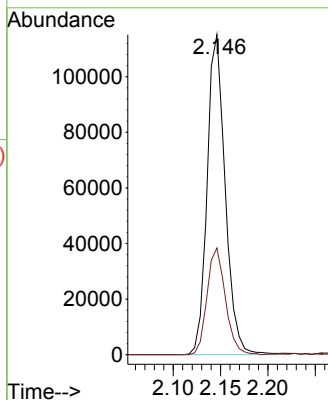
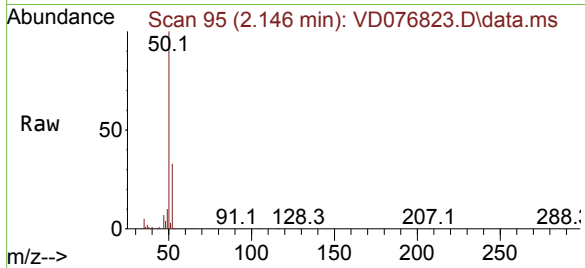




#3
Chloromethane
Concen: 38.888 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

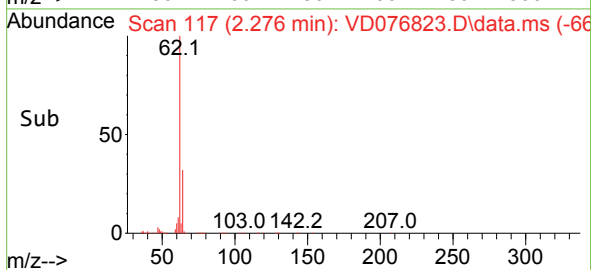
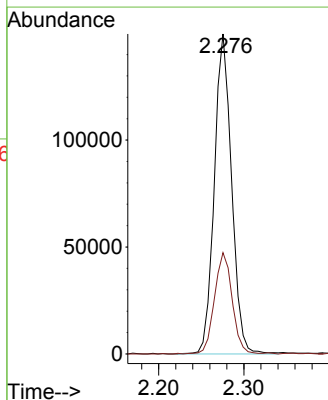
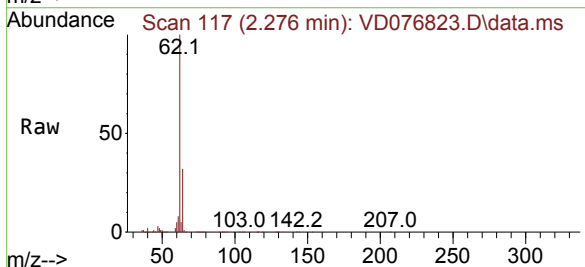
Instrument :
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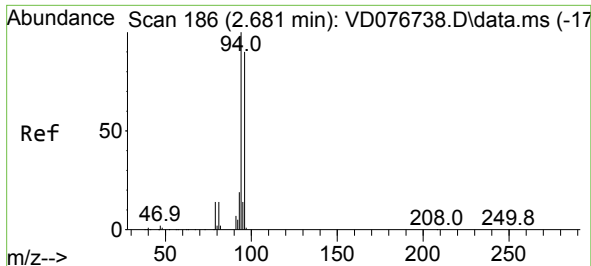
Tgt Ion: 50 Resp: 152494
Ion Ratio Lower Upper
50 100
52 33.3 26.6 40.0



#4
Vinyl Chloride
Concen: 40.334 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 62 Resp: 210837
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0

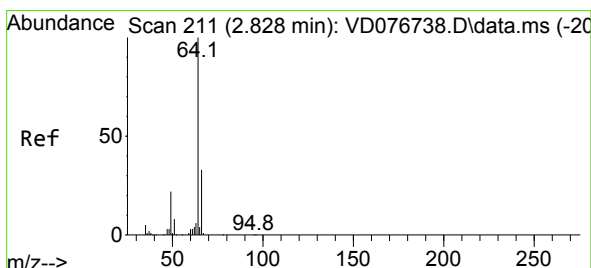
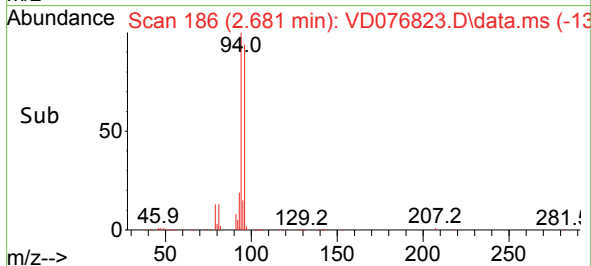
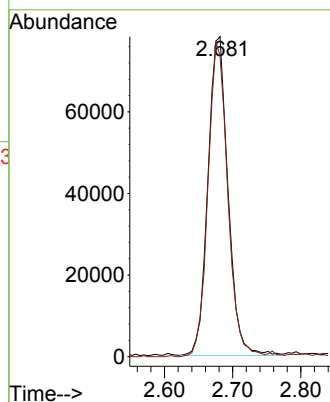
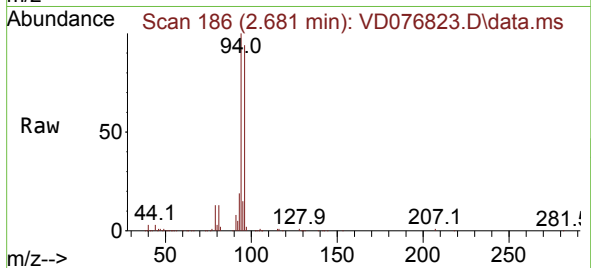




#5
Bromomethane
Concen: 37.307 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076823.D
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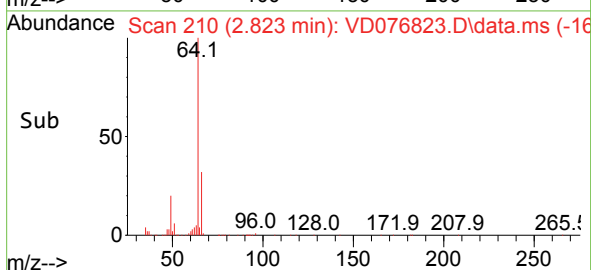
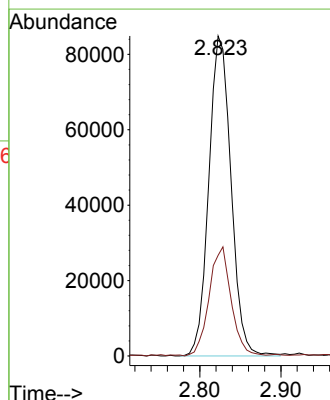
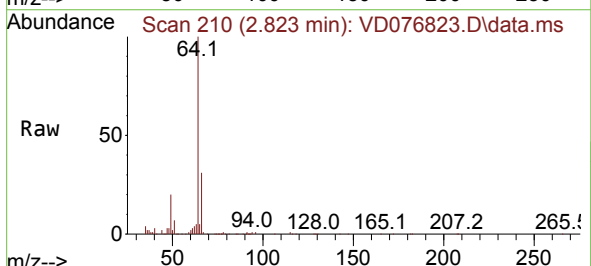
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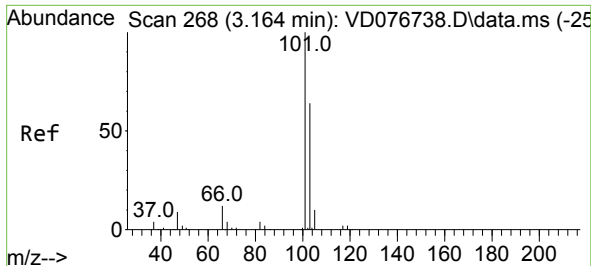
Tgt Ion: 94 Resp: 160454
Ion Ratio Lower Upper
94 100
96 96.7 75.8 113.8



#6
Chloroethane
Concen: 40.923 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 64 Resp: 161512
Ion Ratio Lower Upper
64 100
66 31.2 25.5 38.3

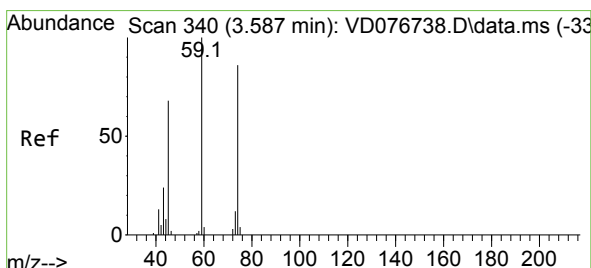
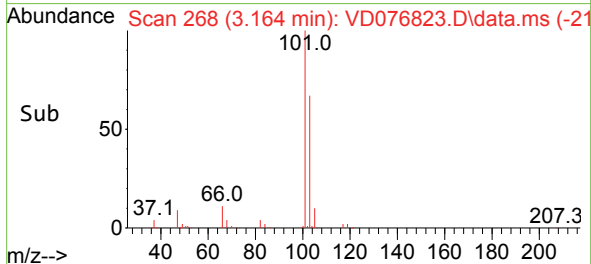
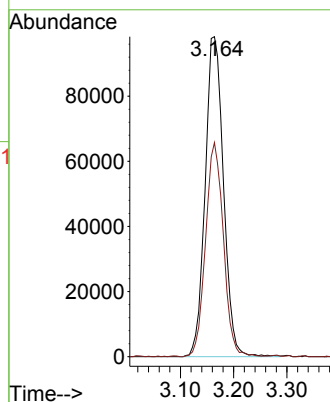
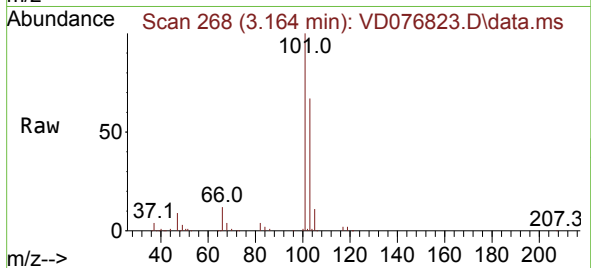




#7
 Trichlorofluoromethane
 Concen: 50.528 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

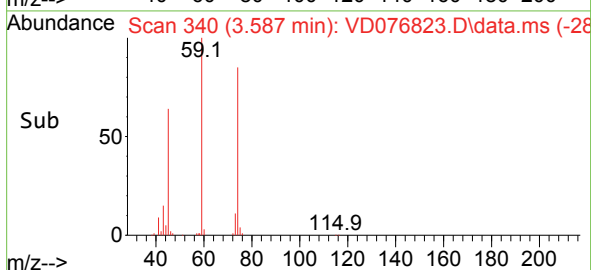
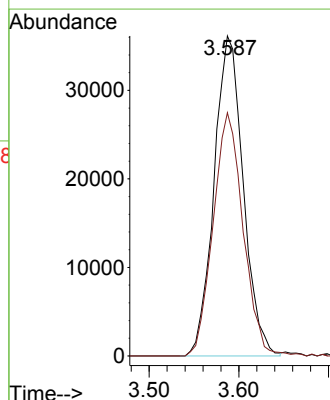
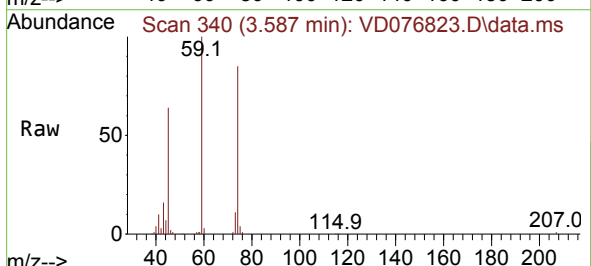
Instrument :
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 ClientSampleId :

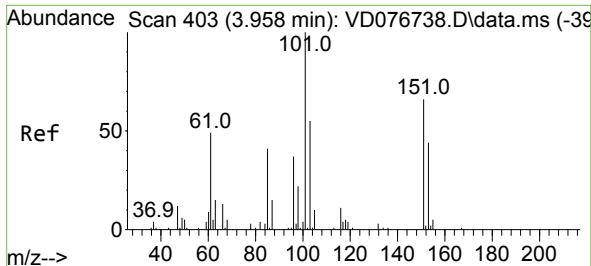
Tgt Ion:101 Resp: 235019
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 50.972 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion: 74 Resp: 81628
 Ion Ratio Lower Upper
 74 100
 45 78.0 37.5 112.7

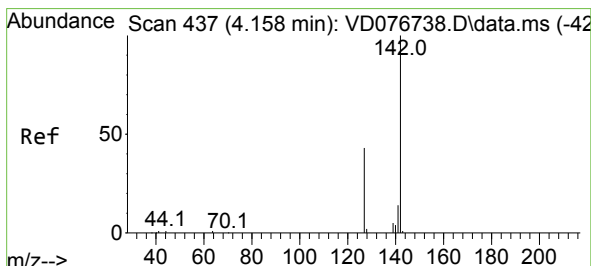
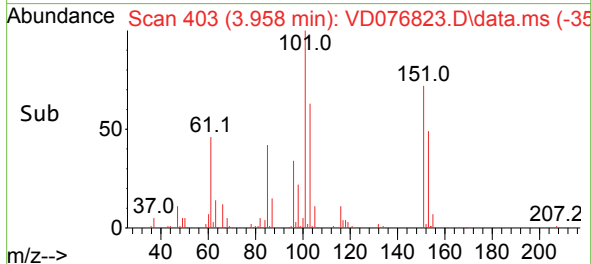
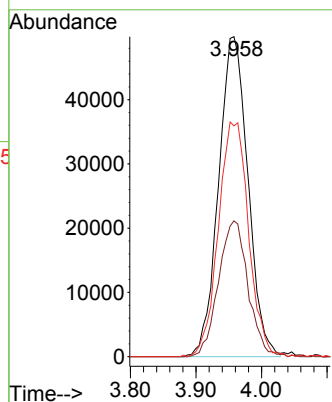
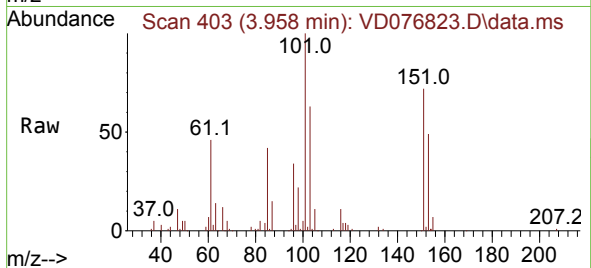




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.644 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

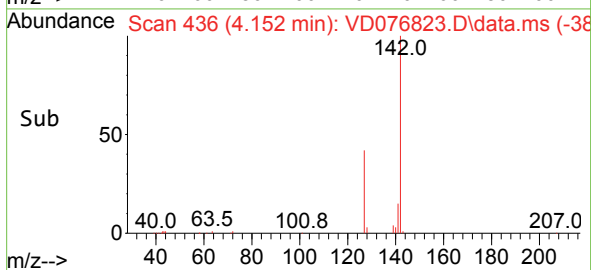
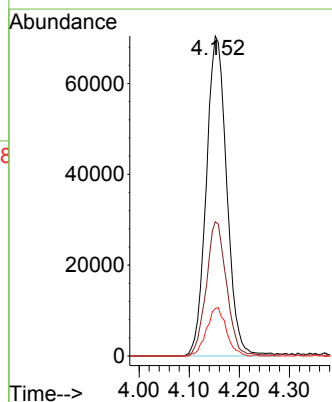
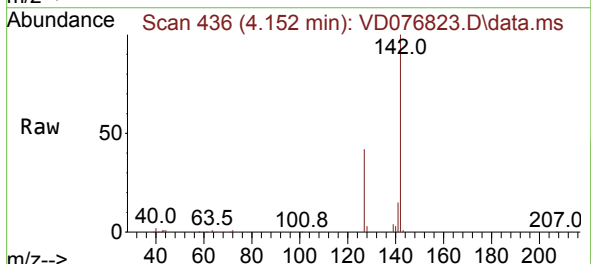
Instrument :
MSVOA_D
ClientSampleId :

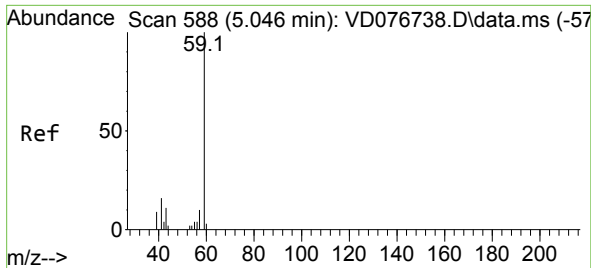
Tgt Ion:101 Resp: 154843
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 75.6 59.8 89.6



#10
Methyl Iodide
Concen: 58.108 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion:142 Resp: 200275
Ion Ratio Lower Upper
142 100
127 41.5 29.4 44.0
141 14.5 11.1 16.7

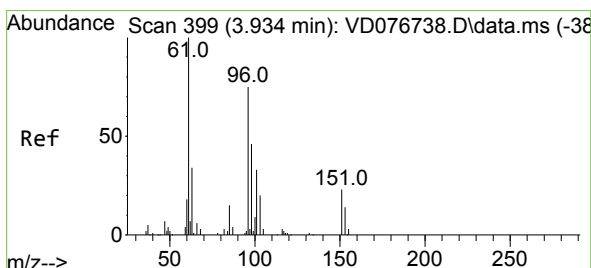
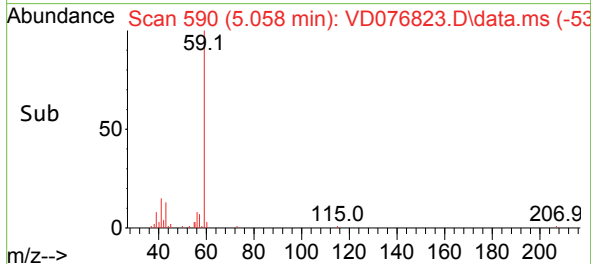
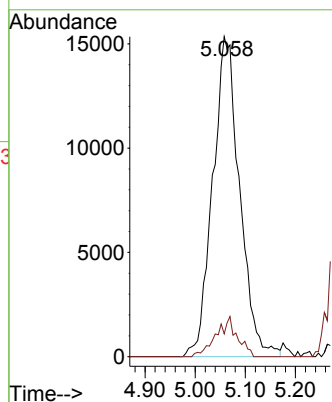
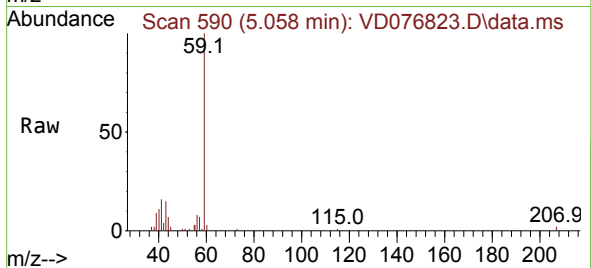




#11
Tert butyl alcohol
Concen: 265.026 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

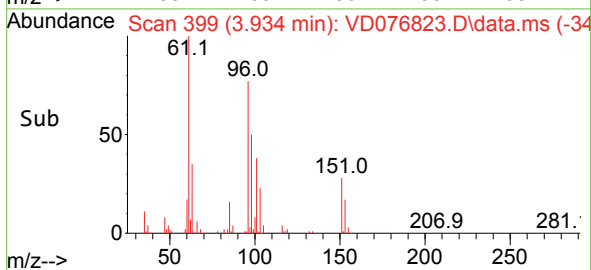
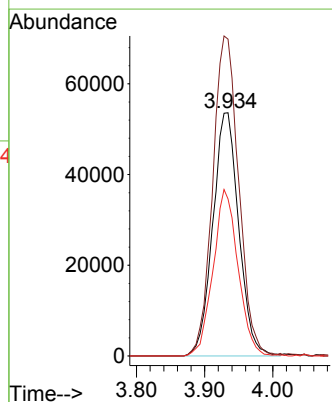
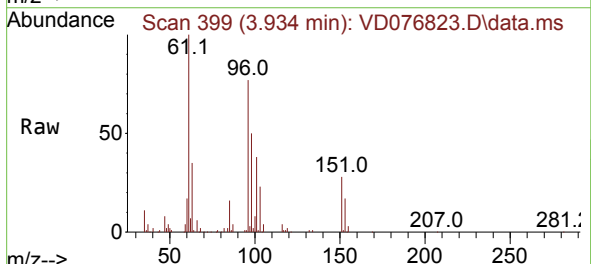
Instrument :
MSVOA_D
ClientSampleId :

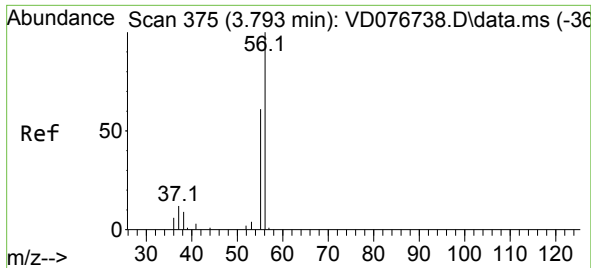
Tgt Ion: 59 Resp: 57262
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8



#12
1,1-Dichloroethene
Concen: 49.386 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 96 Resp: 141863
Ion Ratio Lower Upper
96 100
61 130.2 100.6 150.8
98 64.5 50.2 75.2





#13

Acrolein

Concen: 170.126 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

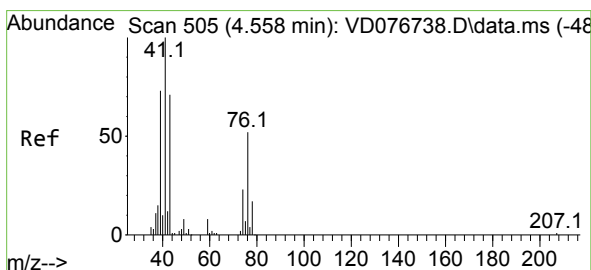
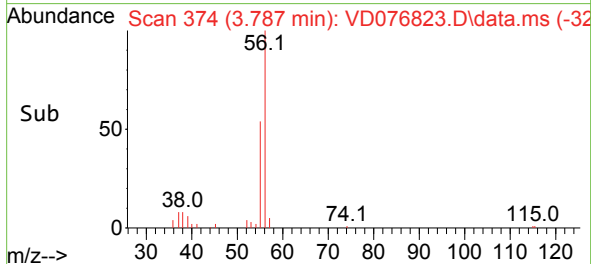
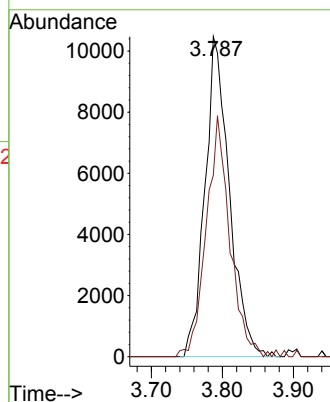
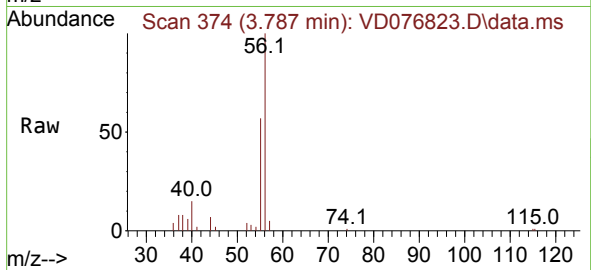
ClientSampleId :

Tgt Ion: 56 Resp: 25049

Ion Ratio Lower Upper

56 100

55 72.2 55.1 82.7



#14

Allyl chloride

Concen: 44.322 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

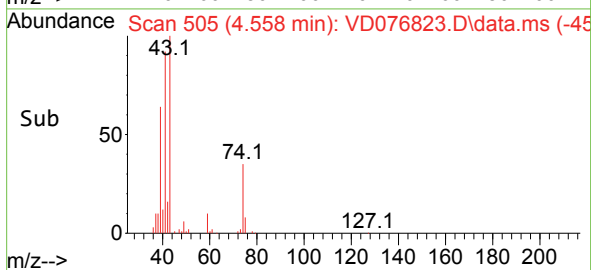
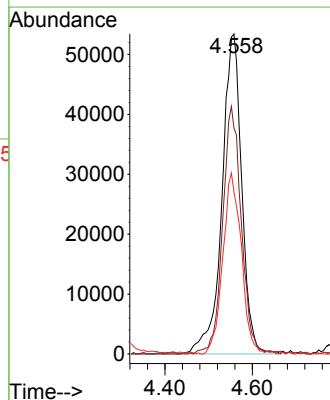
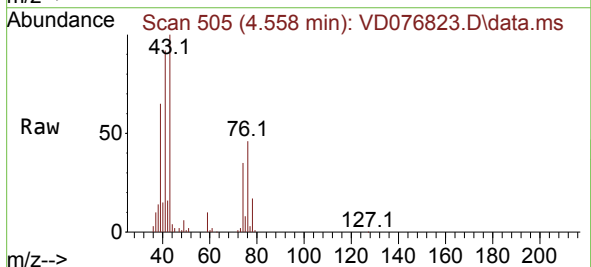
Tgt Ion: 41 Resp: 167251

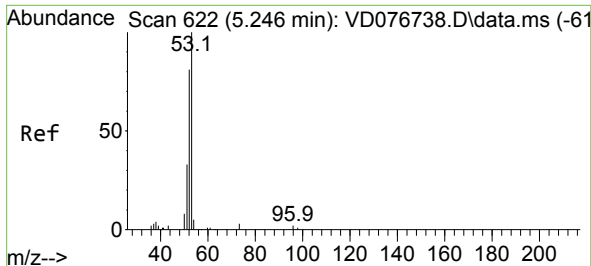
Ion Ratio Lower Upper

41 100

39 73.2 53.8 80.6

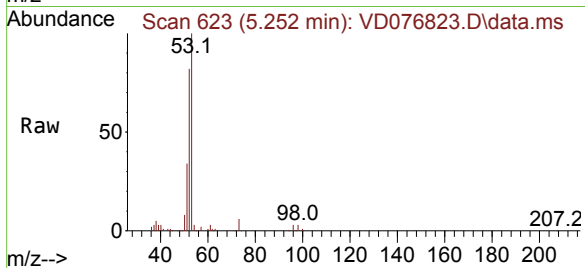
76 52.7 45.8 68.8



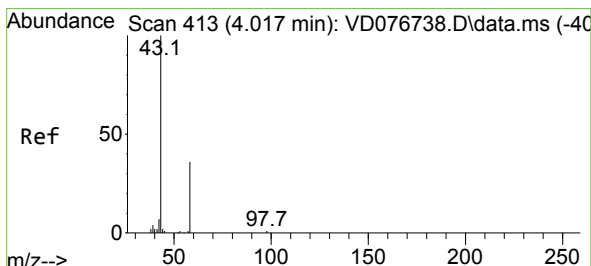
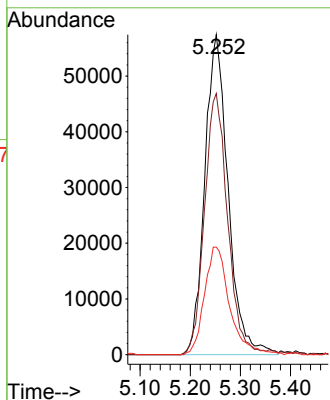
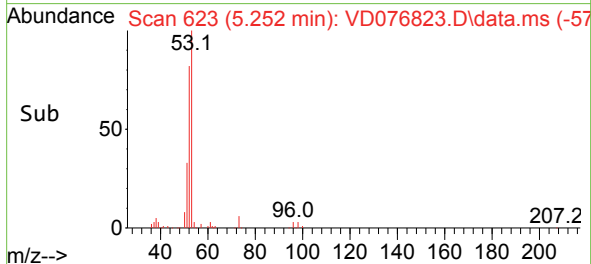


#15
Acrylonitrile
Concen: 235.828 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Instrument :
MSVOA_D
ClientSampleId :

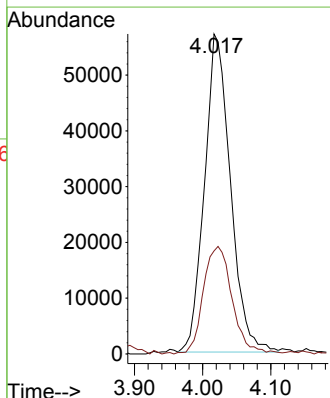
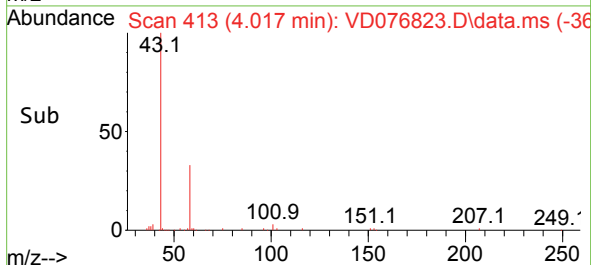
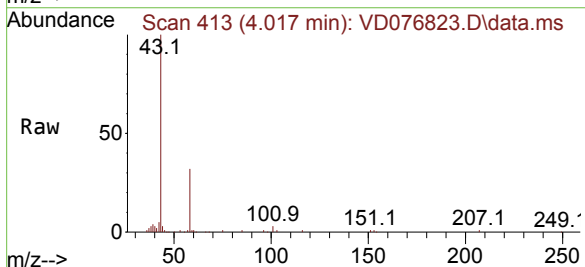


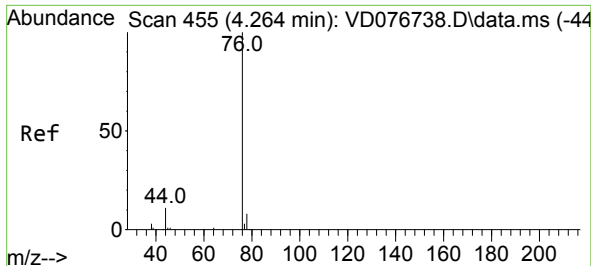
Tgt Ion: 53 Resp: 185489
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.3 28.3 42.5



#16
Acetone
Concen: 219.007 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 43 Resp: 151442
Ion Ratio Lower Upper
43 100
58 31.9 34.7 52.1#

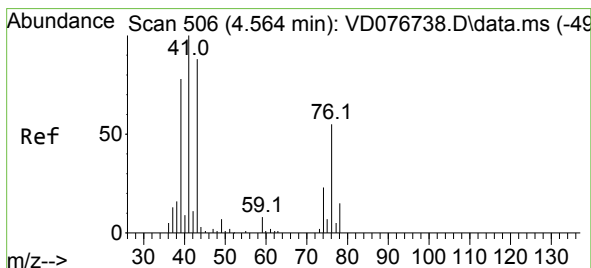
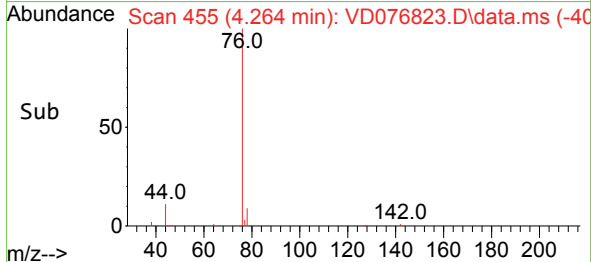
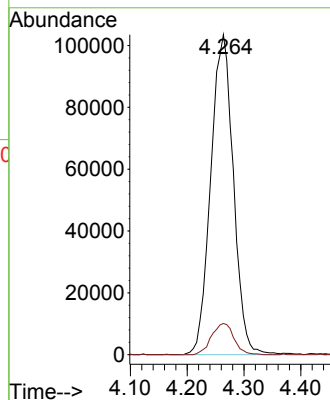
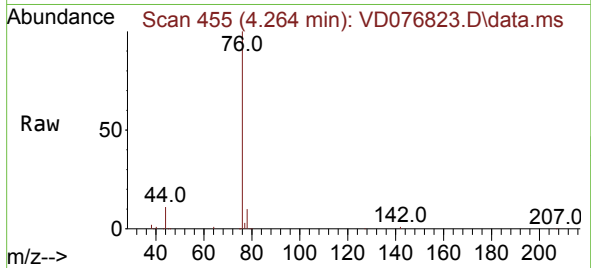




#17
Carbon Disulfide
Concen: 42.684 ug/l
RT: 4.264 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

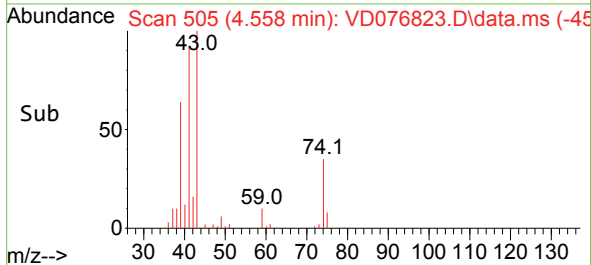
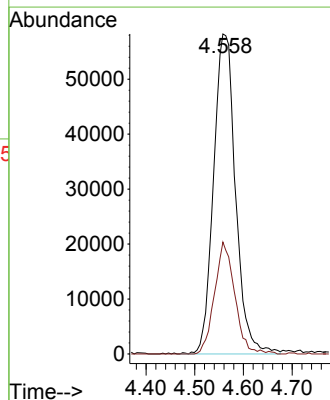
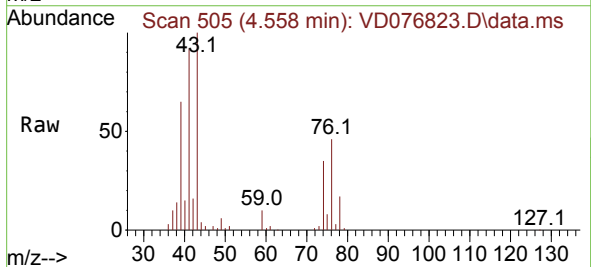
Instrument :
MSVOA_D
ClientSampleId :

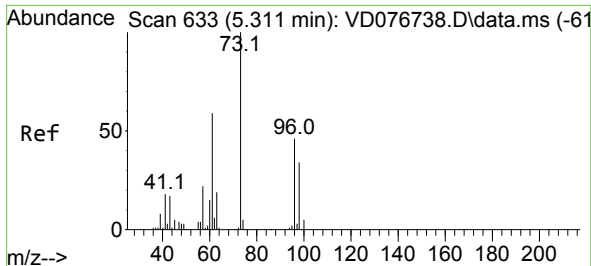
Tgt Ion: 76 Resp: 286375
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 70.205 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 43 Resp: 182395
Ion Ratio Lower Upper
43 100
74 32.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 52.417 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

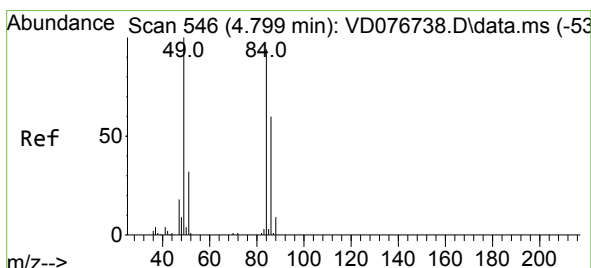
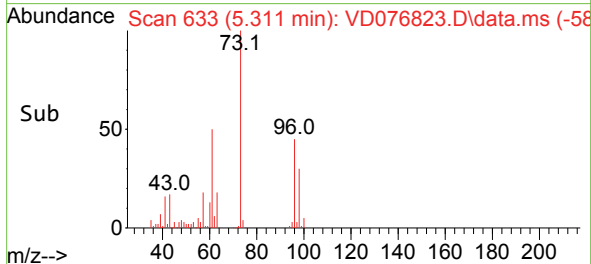
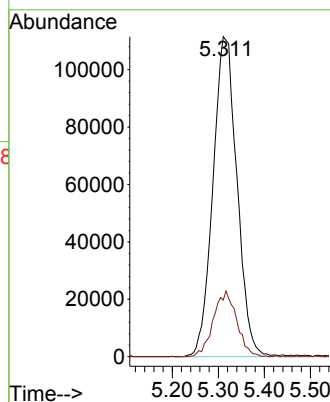
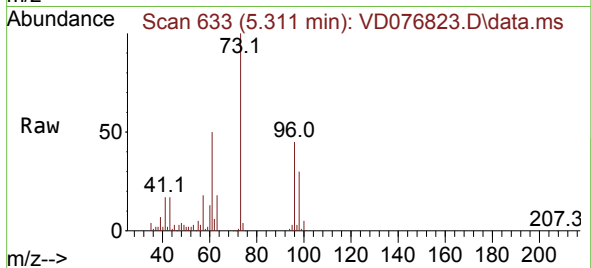
ClientSampleId :

Tgt Ion: 73 Resp: 403781

Ion Ratio Lower Upper

73 100

57 17.7 16.6 25.0



#20

Methylene Chloride

Concen: 52.188 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Tgt Ion: 84 Resp: 213031

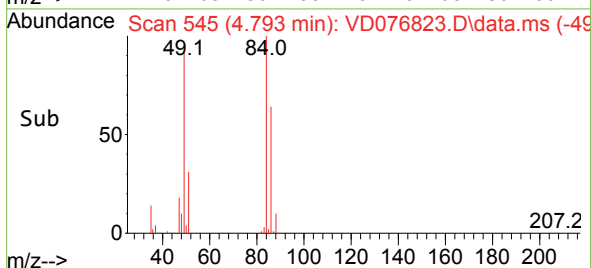
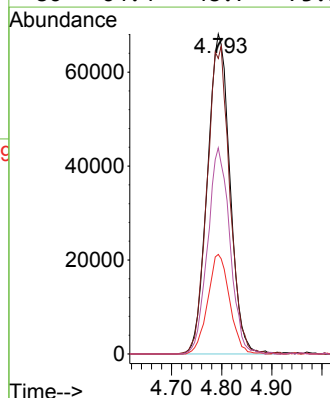
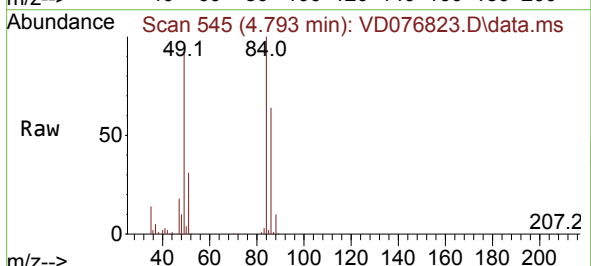
Ion Ratio Lower Upper

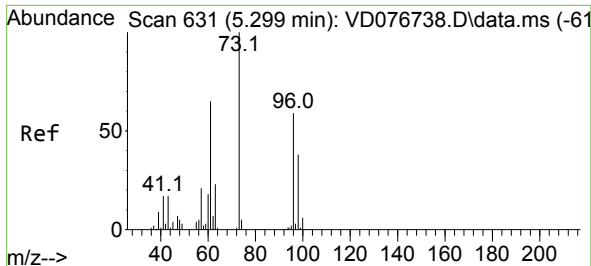
84 100

49 92.1 71.4 107.2

51 31.1 24.5 36.7

86 64.4 48.7 73.1

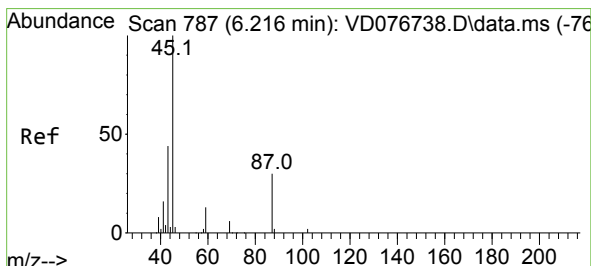
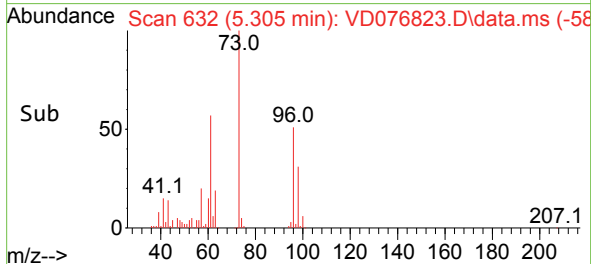
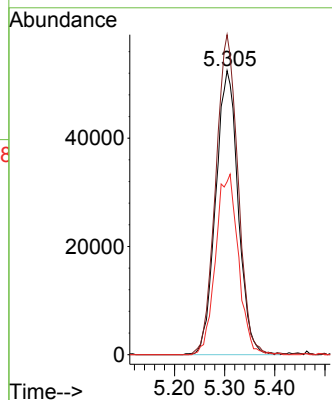
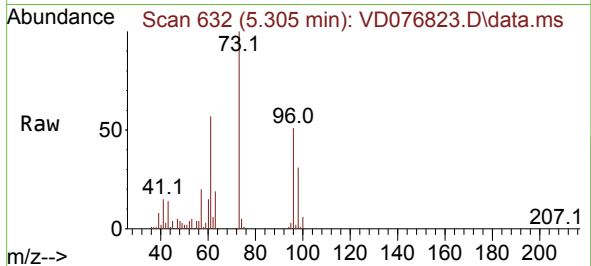




#21
trans-1,2-Dichloroethene
Concen: 48.897 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

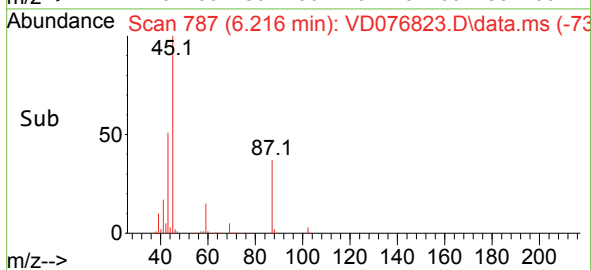
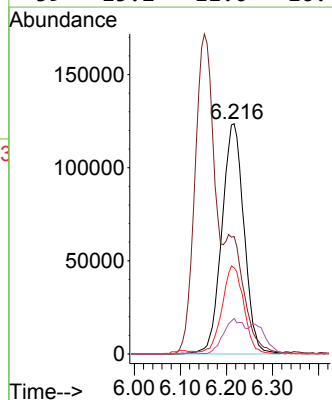
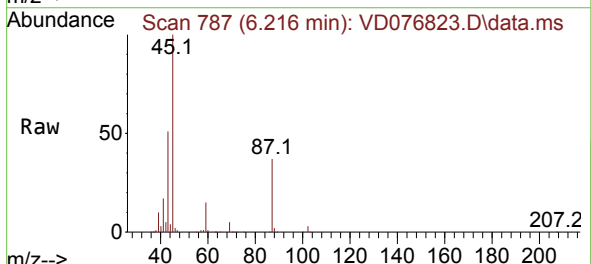
Instrument :
MSVOA_D
ClientSampleId :

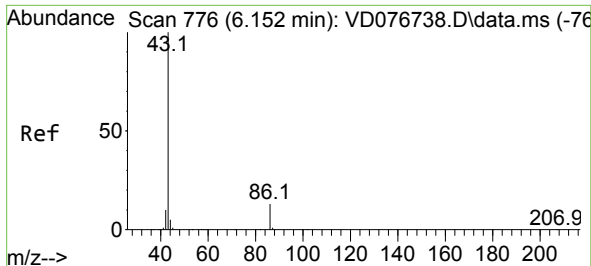
Tgt Ion: 96 Resp: 163269
Ion Ratio Lower Upper
96 100
61 112.7 89.3 133.9
98 60.9 48.6 73.0



#22
Diisopropyl ether
Concen: 46.103 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

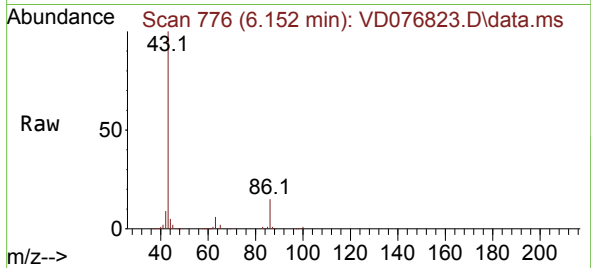
Tgt Ion: 45 Resp: 411965
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 37.2 28.2 42.4
59 15.2 11.0 16.4



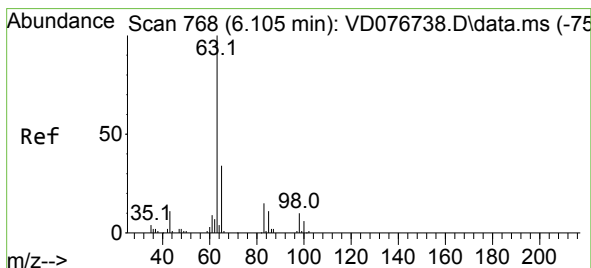
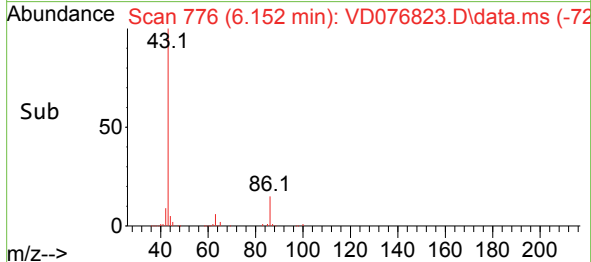
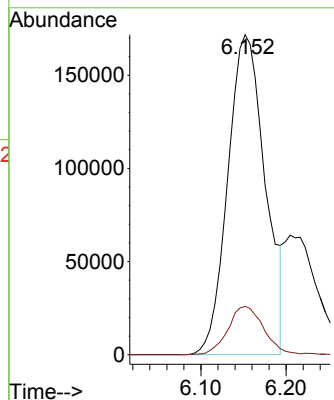


#23
 Vinyl Acetate
 Concen: 118.559 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Instrument :
 MSVOA_D
 ClientSampleId :

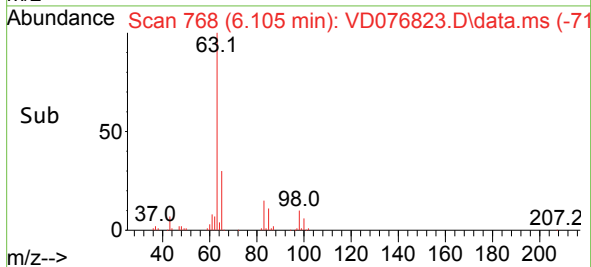
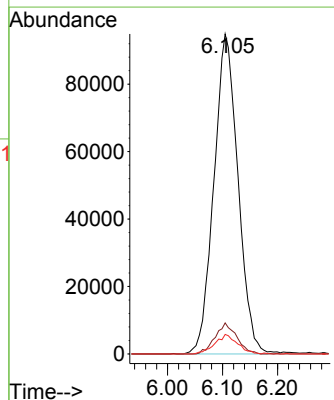
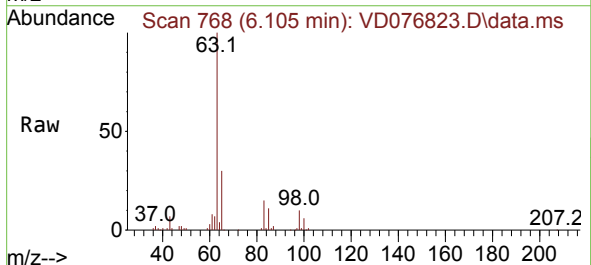


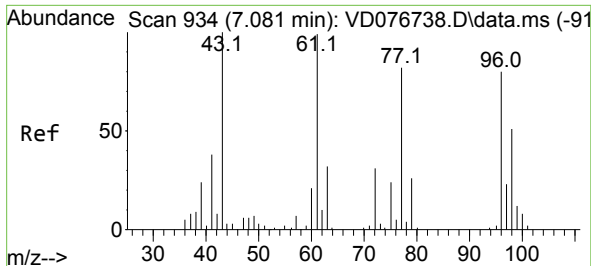
Tgt Ion: 43 Resp: 524178
 Ion Ratio Lower Upper
 43 100
 86 15.1 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 47.972 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion: 63 Resp: 289023
 Ion Ratio Lower Upper
 63 100
 98 9.7 4.5 13.7
 100 6.1 2.5 7.5





#25

2-Butanone

Concen: 234.034 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

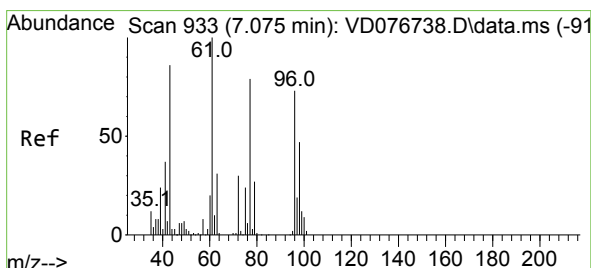
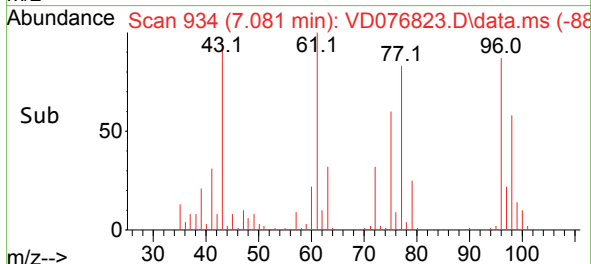
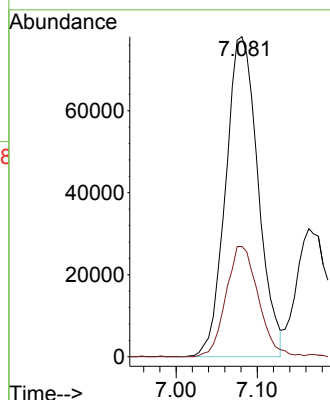
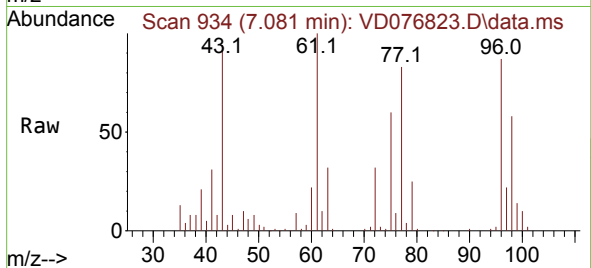
ClientSampleId :

Tgt Ion: 43 Resp: 216589

Ion Ratio Lower Upper

43 100

72 34.4 30.7 46.1



#26

2,2-Dichloropropane

Concen: 44.330 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076823.D

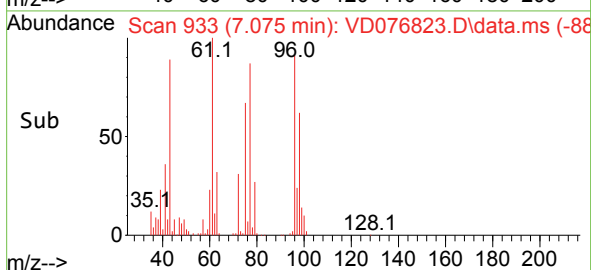
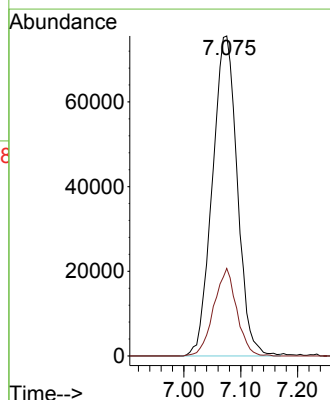
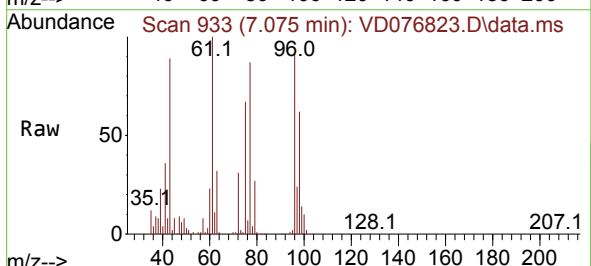
Acq: 26 Jul 2023 23:25

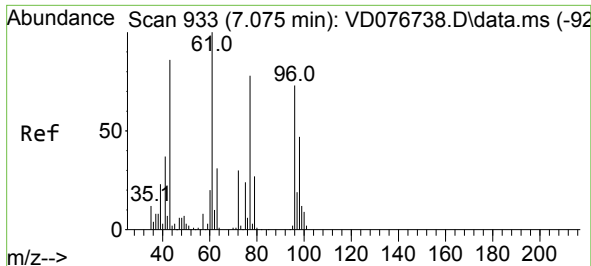
Tgt Ion: 77 Resp: 230229

Ion Ratio Lower Upper

77 100

97 25.2 13.2 39.6

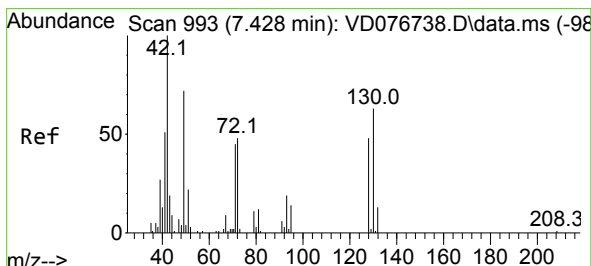
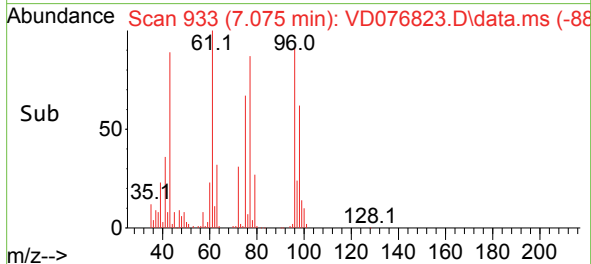
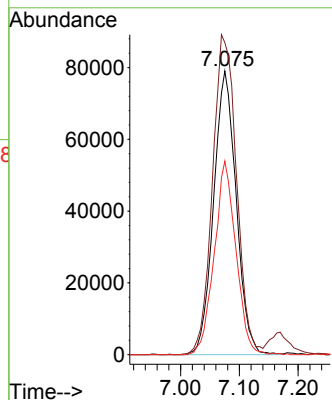
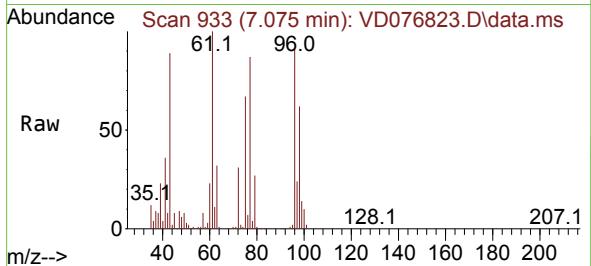




#27
 cis-1,2-Dichloroethene
 Concen: 51.280 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

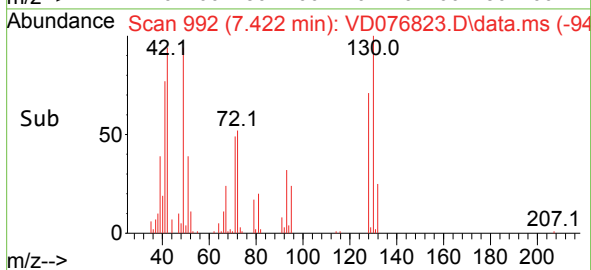
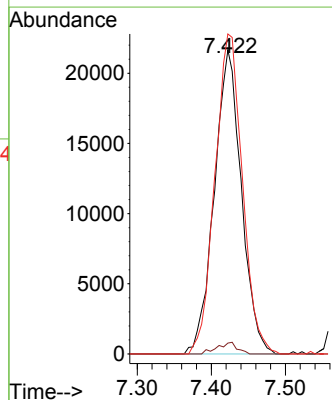
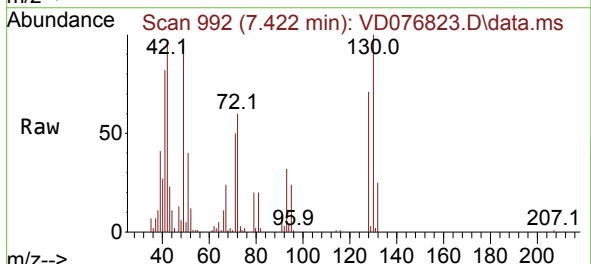
Instrument :
 MSVOA_D
 ClientSampleId :

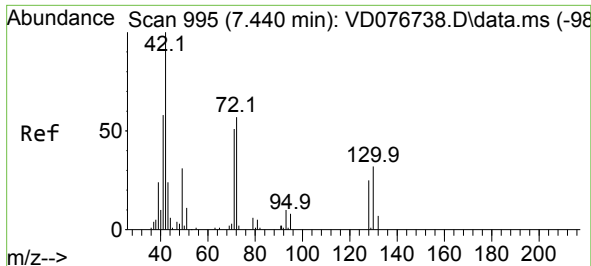
Tgt Ion: 96 Resp: 211082
 Ion Ratio Lower Upper
 96 100
 61 119.6 0.0 239.2
 98 65.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 36.544 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

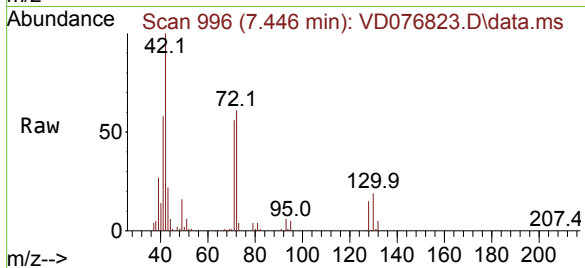
Tgt Ion: 49 Resp: 55044
 Ion Ratio Lower Upper
 49 100
 129 2.8 0.0 6.0
 130 106.6 83.2 124.8



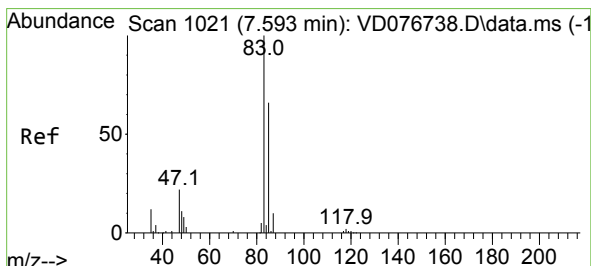
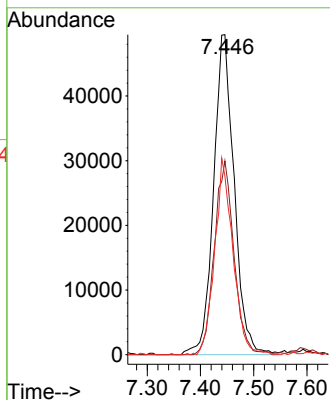
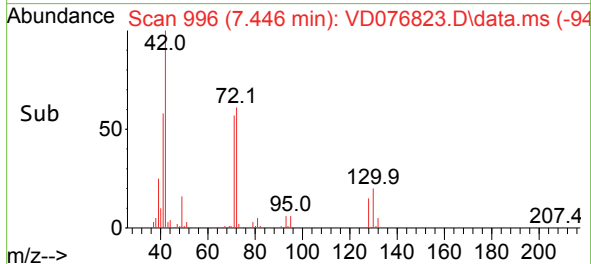


#29
Tetrahydrofuran
Concen: 242.591 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Instrument :
MSVOA_D
ClientSampleId :

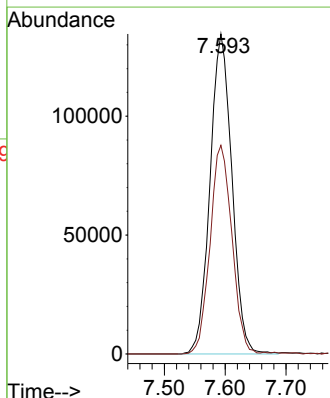
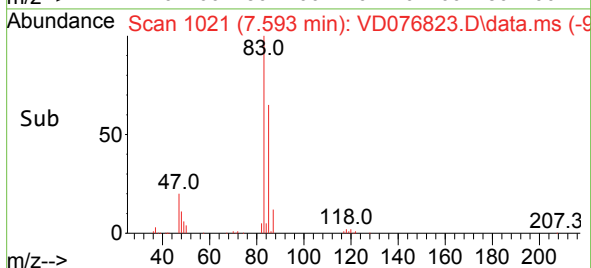
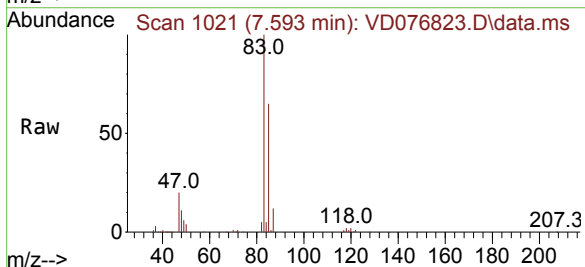


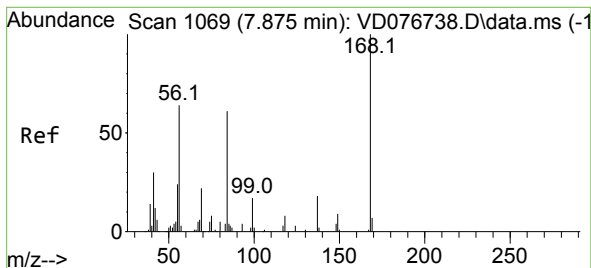
Tgt Ion: 42 Resp: 132648
Ion Ratio Lower Upper
42 100
72 58.0 46.5 69.7
71 54.8 44.5 66.7



#30
Chloroform
Concen: 50.875 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 83 Resp: 335710
Ion Ratio Lower Upper
83 100
85 65.2 53.4 80.2





#31

Cyclohexane

Concen: 41.839 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

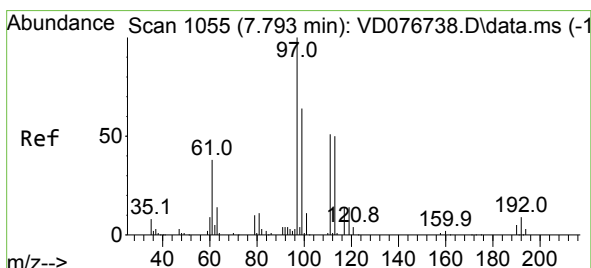
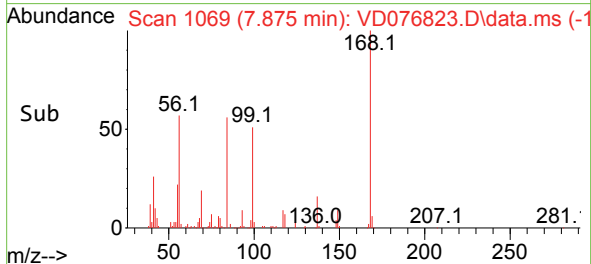
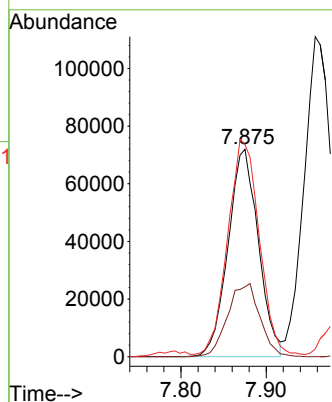
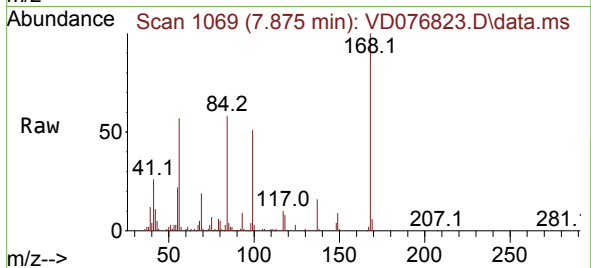
Tgt Ion: 56 Resp: 178283

Ion Ratio Lower Upper

56 100

69 33.7 28.6 43.0

84 100.6 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 52.143 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

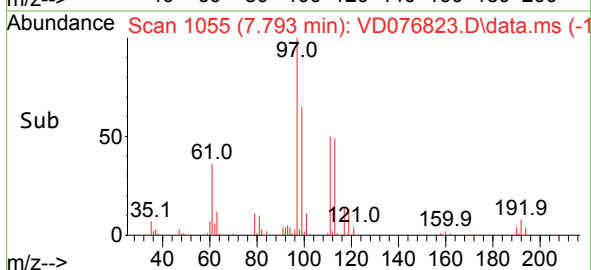
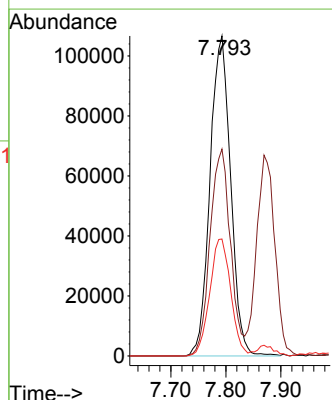
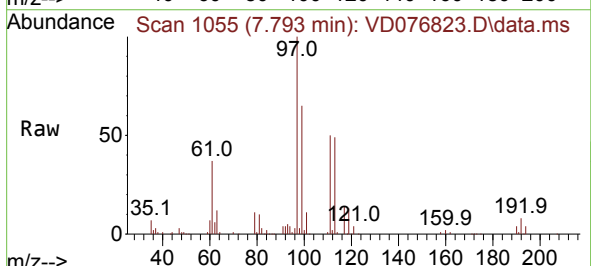
Tgt Ion: 97 Resp: 277613

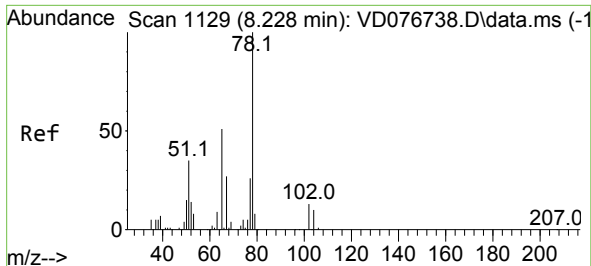
Ion Ratio Lower Upper

97 100

99 64.3 52.0 78.0

61 37.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 42.945 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

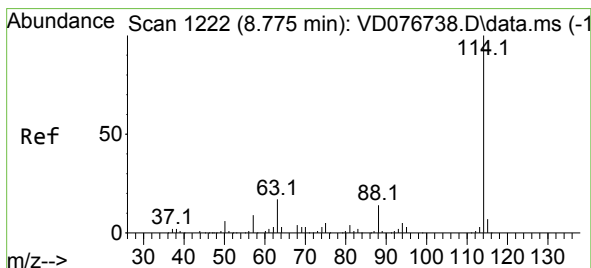
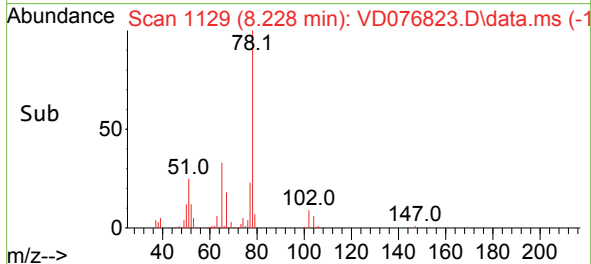
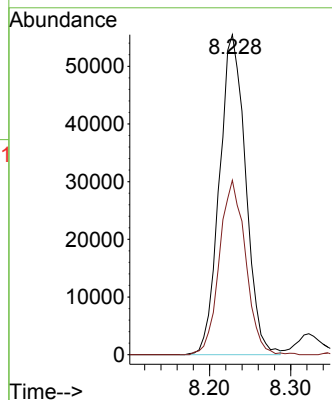
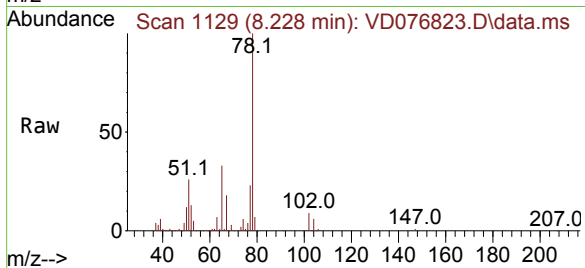
ClientSampleId :

Tgt Ion: 65 Resp: 124345

Ion Ratio Lower Upper

65 100

67 54.5 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: VD076823.D

Acq: 26 Jul 2023 23:25

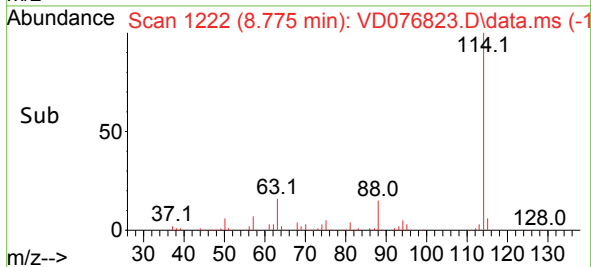
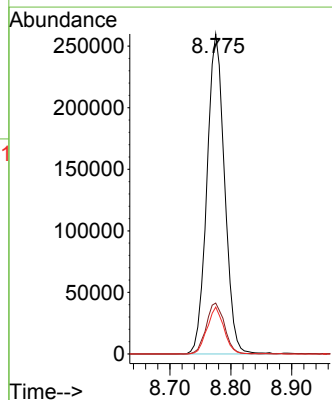
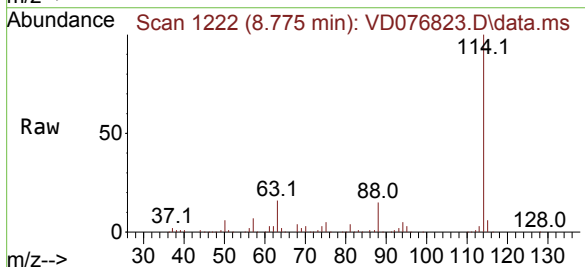
Tgt Ion: 114 Resp: 522651

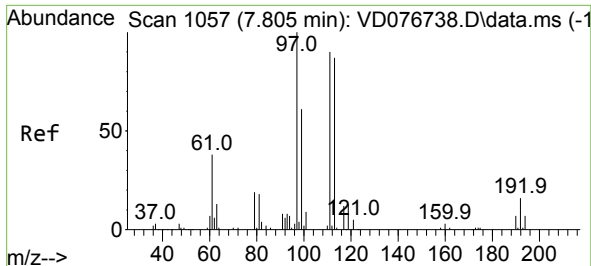
Ion Ratio Lower Upper

114 100

63 15.8 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.617 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

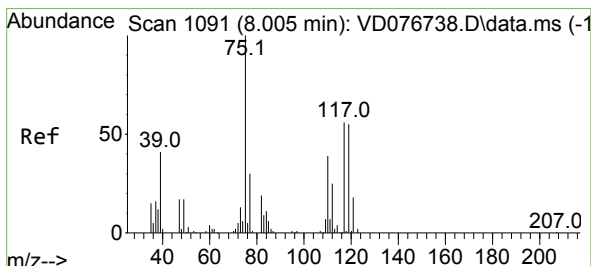
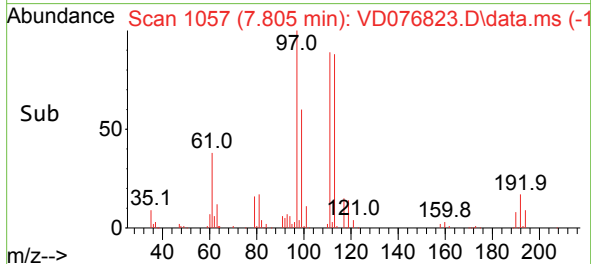
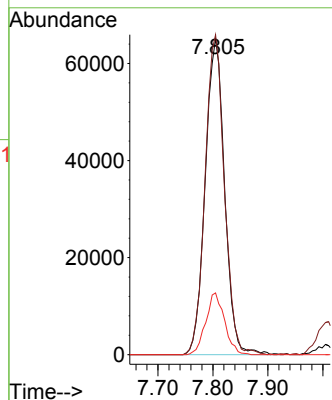
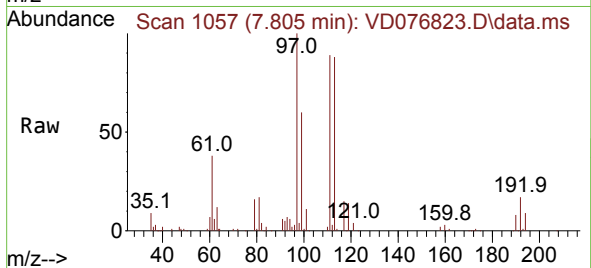
Tgt Ion:113 Resp: 159678

Ion Ratio Lower Upper

113 100

111 100.7 84.7 127.1

192 18.9 16.8 25.2



#36

1,1-Dichloropropene

Concen: 48.265 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

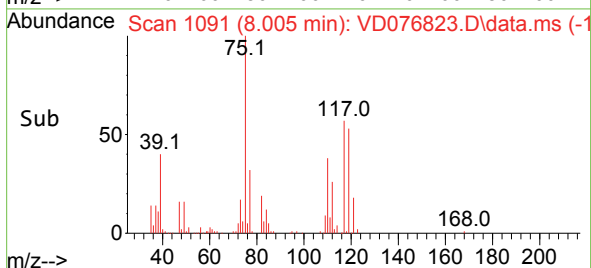
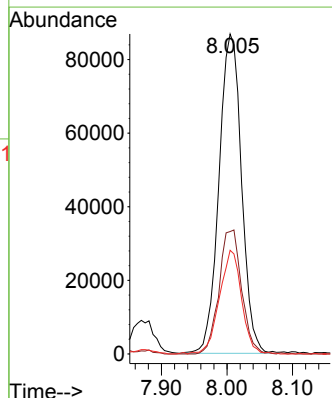
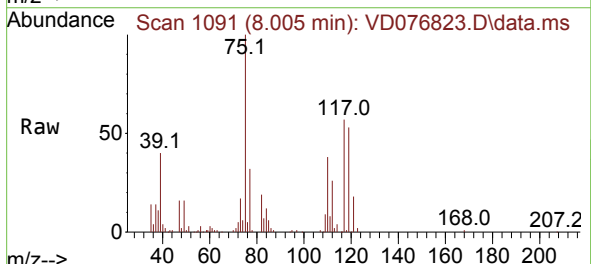
Tgt Ion: 75 Resp: 207144

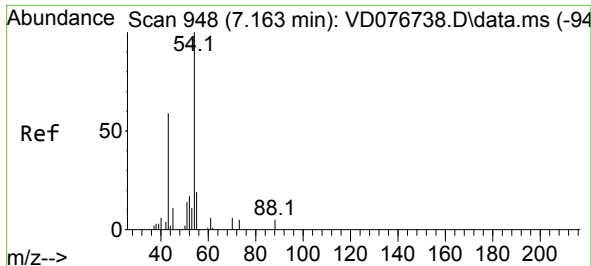
Ion Ratio Lower Upper

75 100

110 38.9 19.9 59.6

77 31.8 24.7 37.1

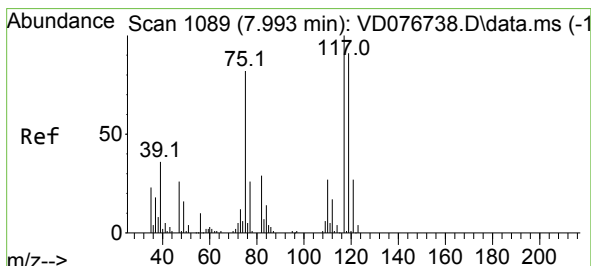
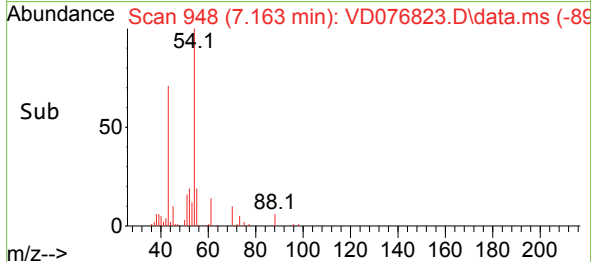
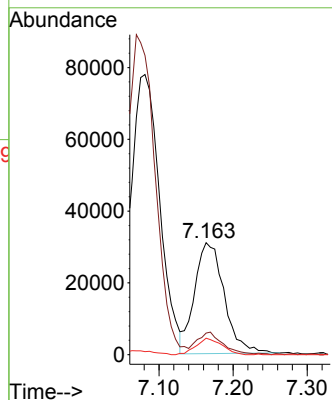
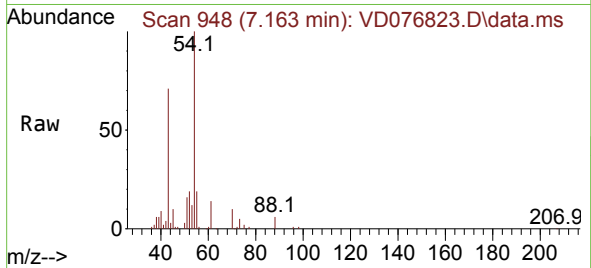




#37
Ethyl Acetate
Concen: 44.715 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

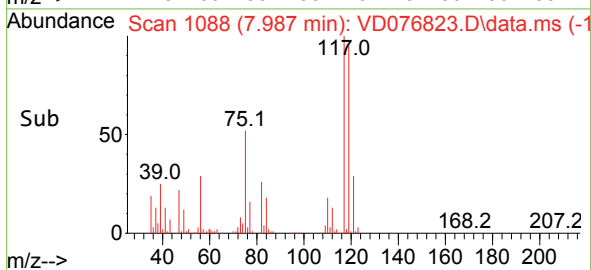
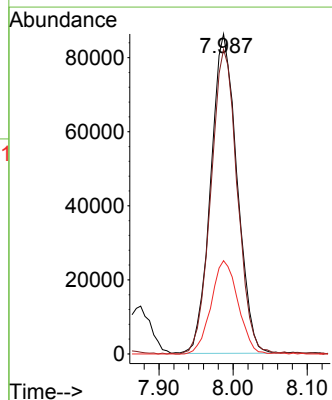
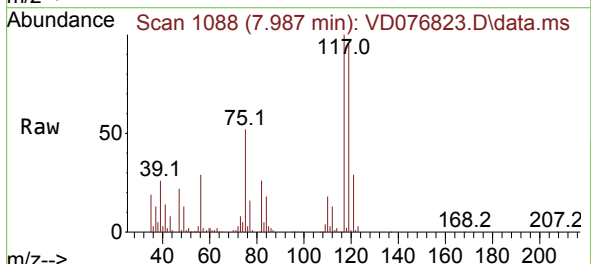
Instrument :
MSVOA_D
ClientSampleId :

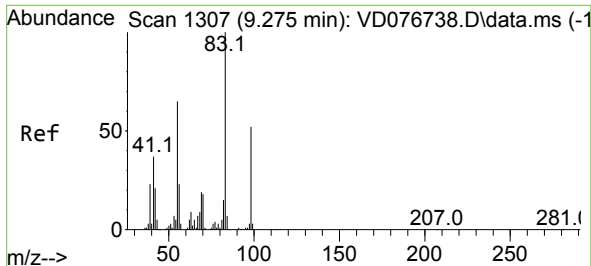
Tgt Ion: 43 Resp: 85822
Ion Ratio Lower Upper
43 100
61 16.1 14.9 22.3
70 12.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 51.651 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 117 Resp: 212257
Ion Ratio Lower Upper
117 100
119 95.5 78.0 117.0
121 29.2 24.2 36.2





#39

Methylcyclohexane

Concen: 48.259 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

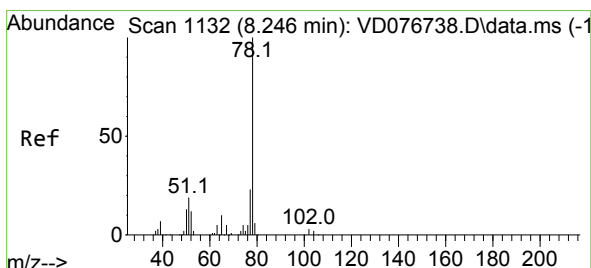
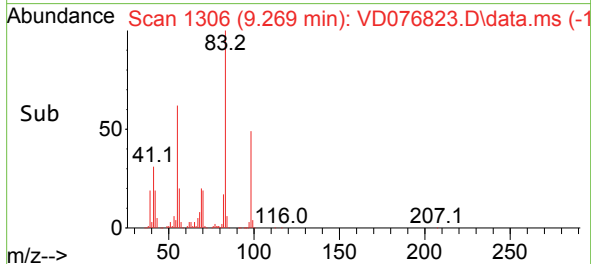
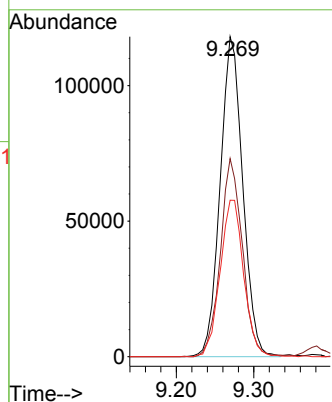
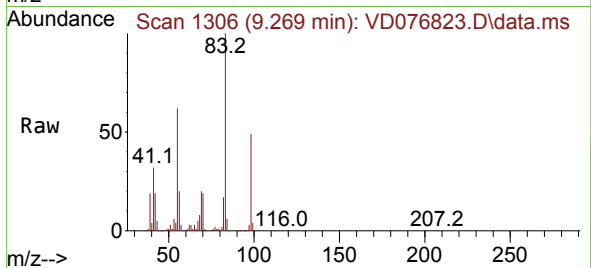
Tgt Ion: 83 Resp: 239152

Ion Ratio Lower Upper

83 100

55 61.9 49.4 74.0

98 48.9 38.4 57.6



#40

Benzene

Concen: 65.932 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076823.D

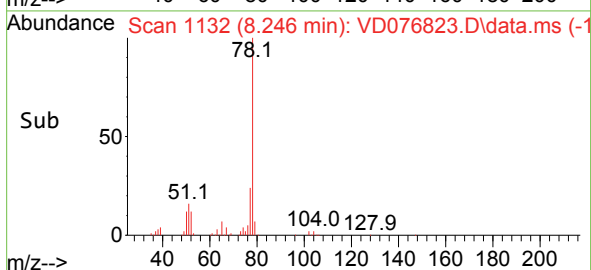
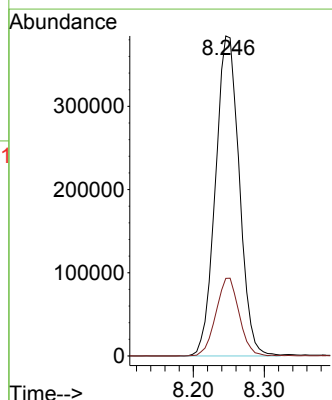
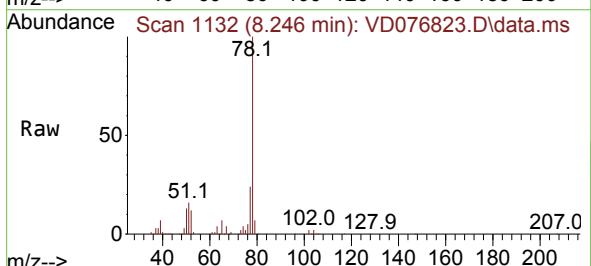
Acq: 26 Jul 2023 23:25

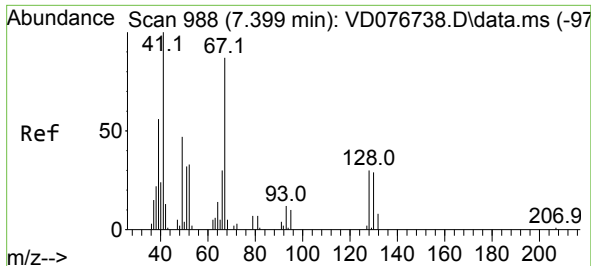
Tgt Ion: 78 Resp: 892824

Ion Ratio Lower Upper

78 100

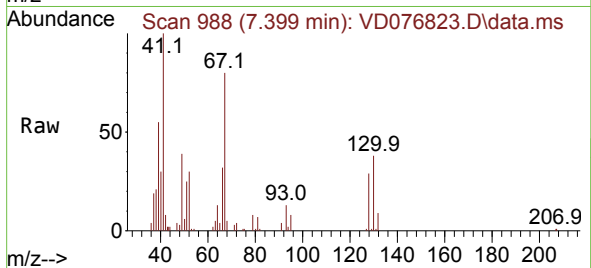
77 24.2 19.4 29.0



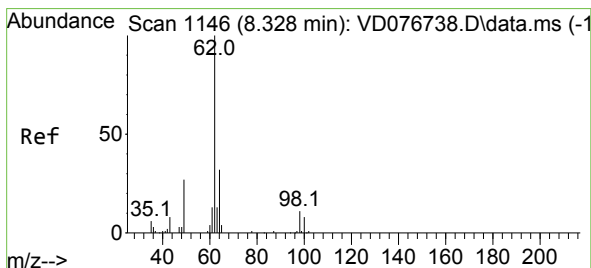
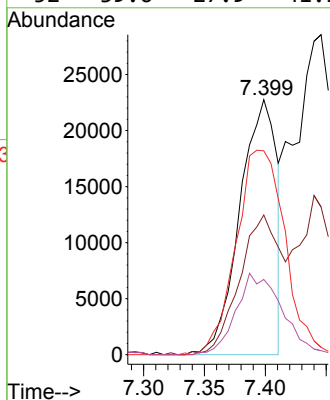
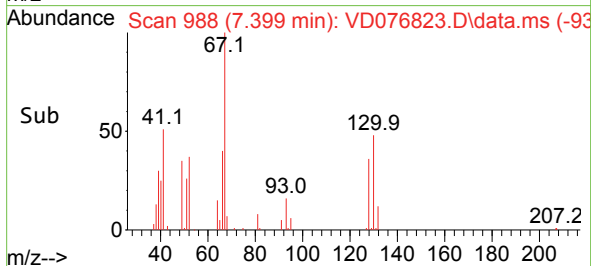


#41
Methacrylonitrile
Concen: 41.062 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Instrument :
MSVOA_D
ClientSampleId :

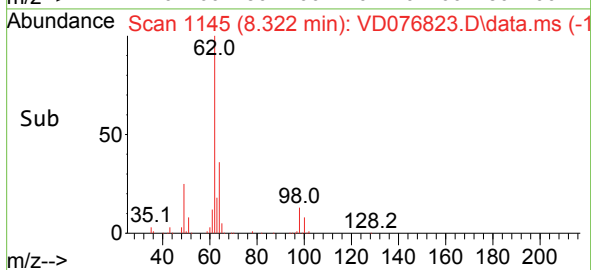
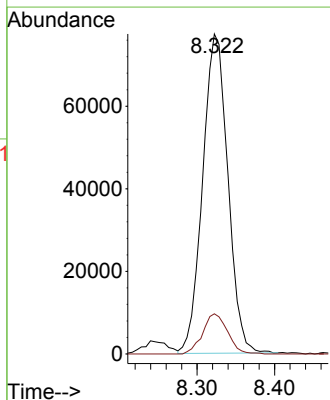
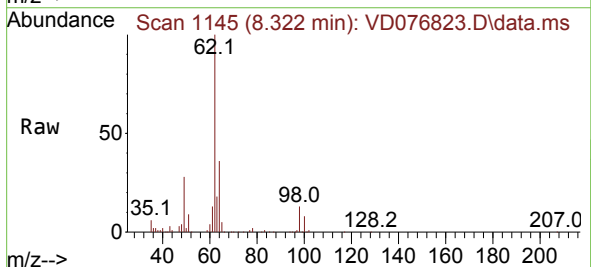


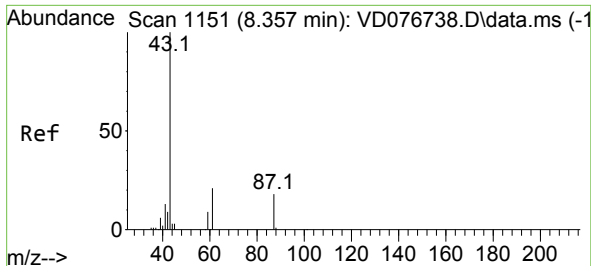
Tgt Ion: 41 Resp: 48127
Ion Ratio Lower Upper
41 100
39 61.2 34.0 51.0#
67 106.2 77.0 115.4
52 39.6 27.9 41.9



#42
1,2-Dichloroethane
Concen: 49.704 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

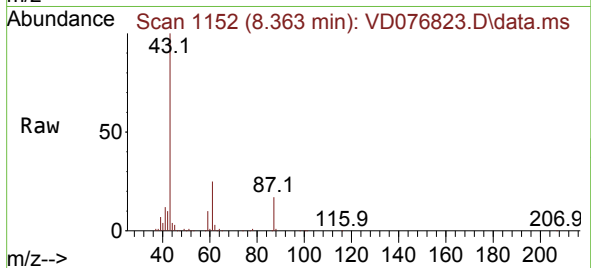
Tgt Ion: 62 Resp: 174883
Ion Ratio Lower Upper
62 100
98 12.4 0.0 25.4



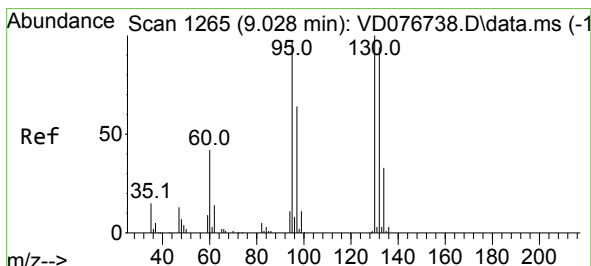
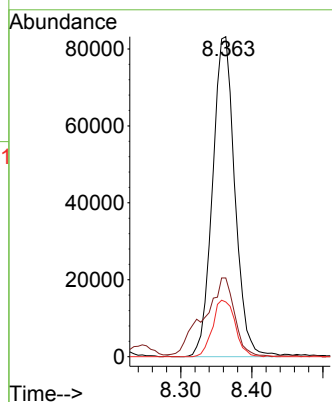
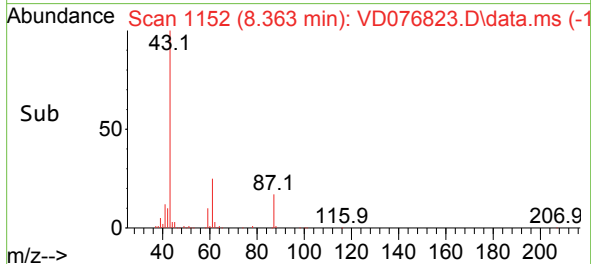


#43
Isopropyl Acetate
Concen: 48.336 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Instrument :
MSVOA_D
ClientSampleId :

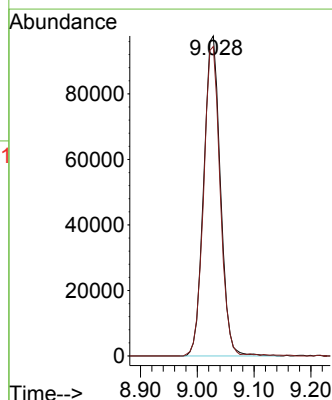
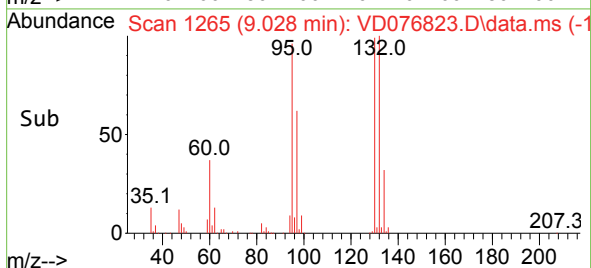
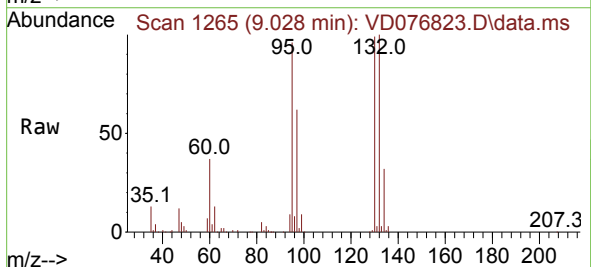


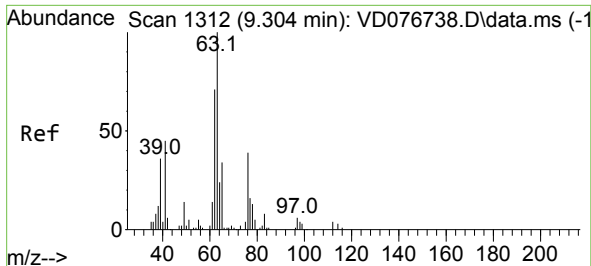
Tgt Ion: 43 Resp: 181054
Ion Ratio Lower Upper
43 100
61 34.3 31.4 47.0
87 17.9 14.9 22.3



#44
Trichloroethene
Concen: 53.784 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion:130 Resp: 198469
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 48.869 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

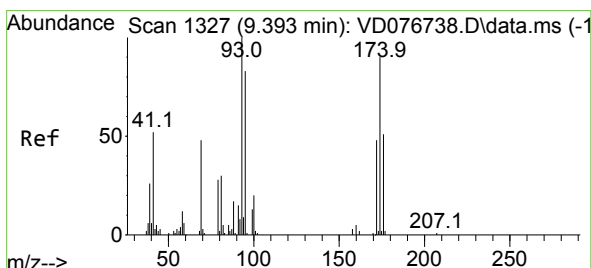
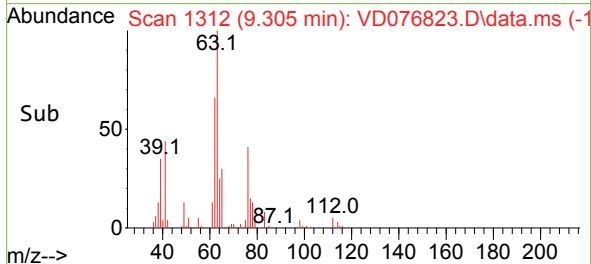
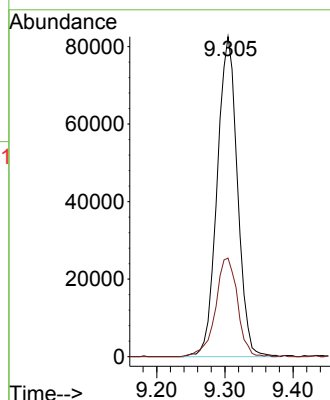
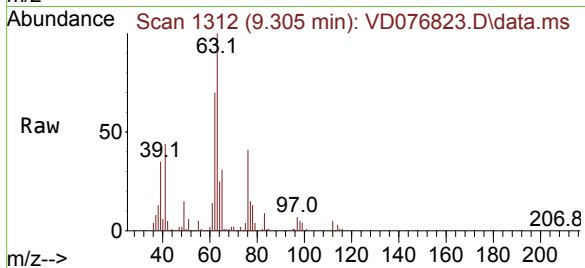
ClientSampleId :

Tgt Ion: 63 Resp: 170826

Ion Ratio Lower Upper

63 100

65 30.8 24.5 36.7



#46

Dibromomethane

Concen: 52.135 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

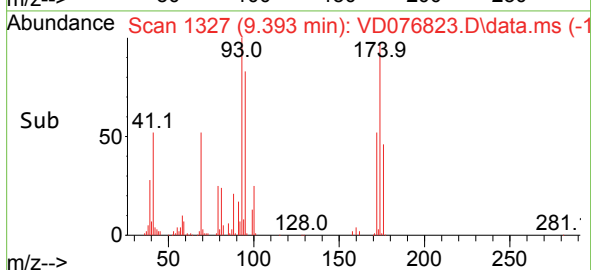
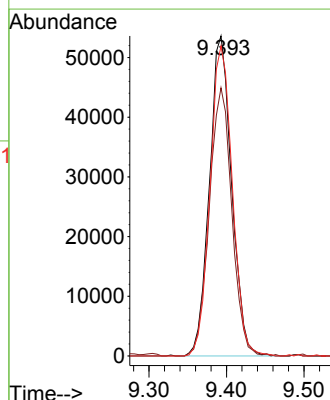
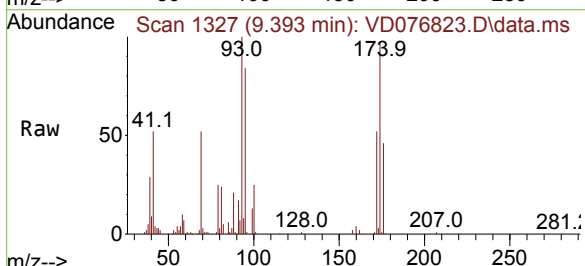
Tgt Ion: 93 Resp: 106673

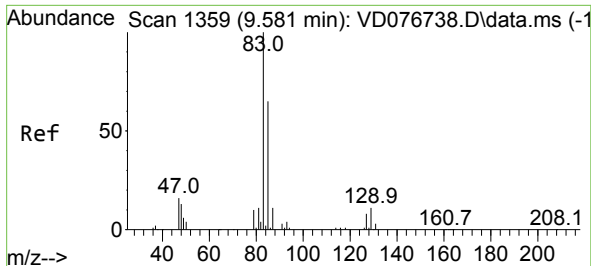
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

174 97.5 85.4 128.2

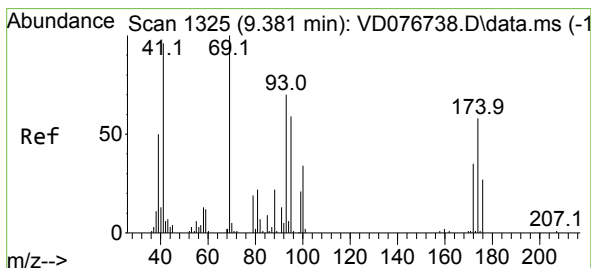
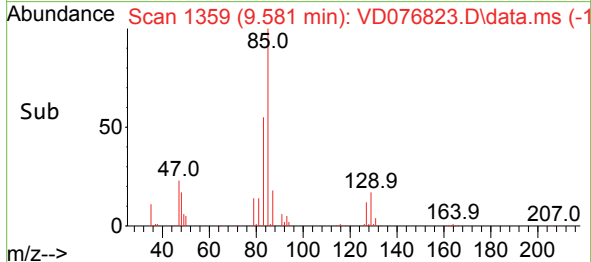
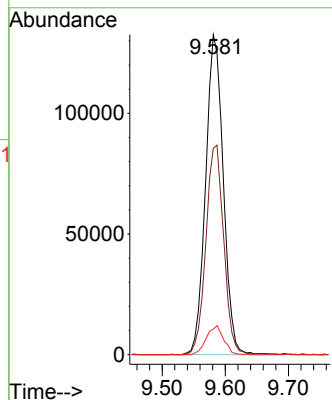
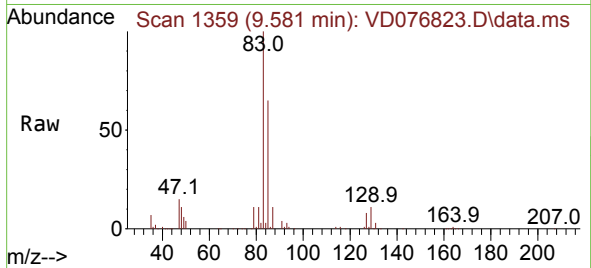




#47
Bromodichloromethane
Concen: 50.236 ug/l
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

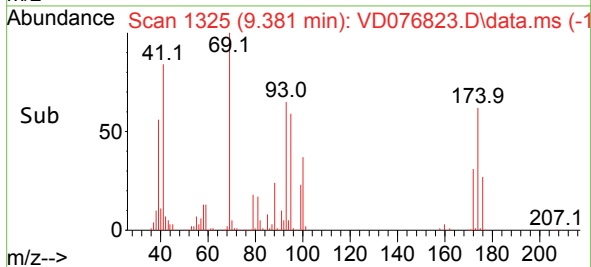
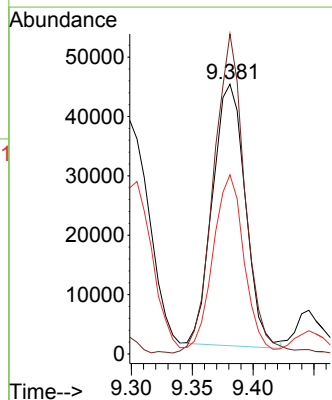
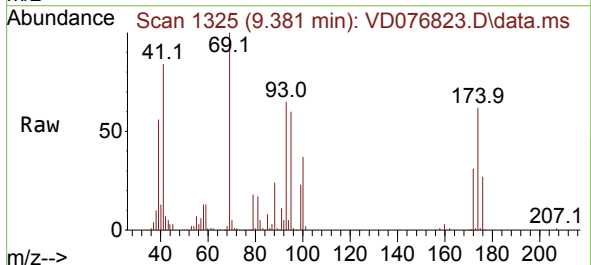
Instrument :
MSVOA_D
ClientSampleId :

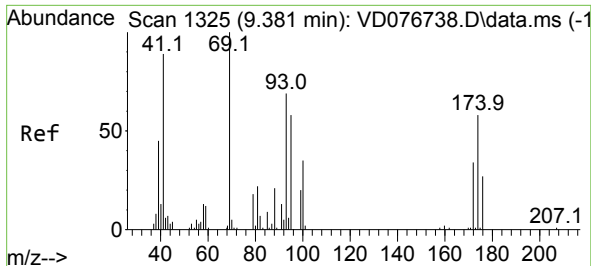
Tgt Ion: 83 Resp: 257944
Ion Ratio Lower Upper
83 100
85 64.5 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 48.425 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 41 Resp: 82557
Ion Ratio Lower Upper
41 100
69 116.9 102.2 153.2
39 65.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 1089.839 ug/l

RT: 9.381 min Scan# 11

Delta R.T. 0.000 min

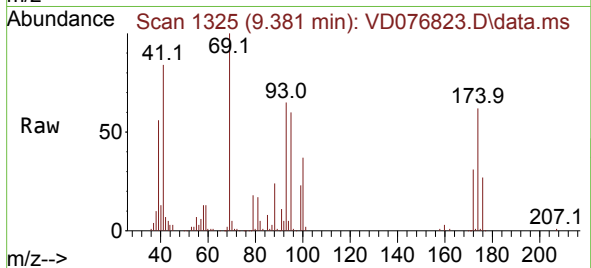
Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :



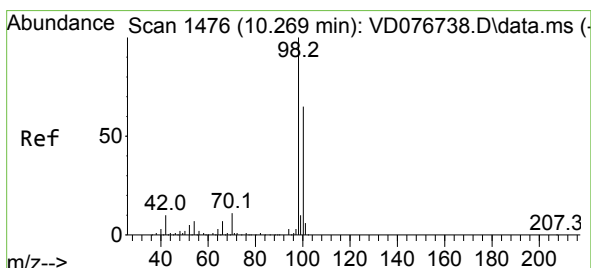
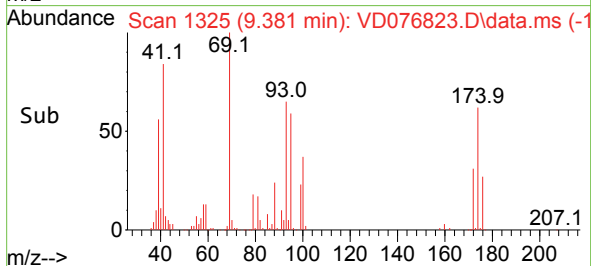
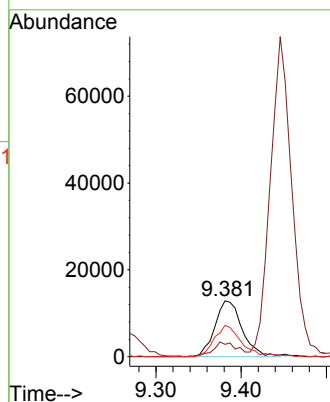
Tgt Ion: 88 Resp: 28570

Ion Ratio Lower Upper

88 100

43 23.0 19.0 28.6

58 56.5 43.5 65.3



#50

Toluene-d8

Concen: 43.388 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD076823.D

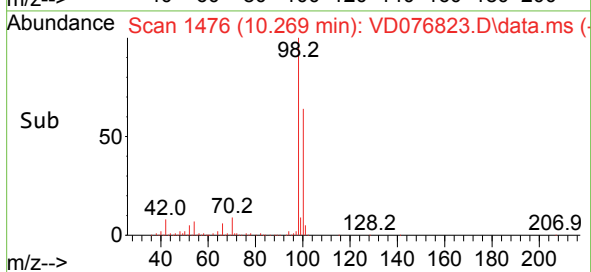
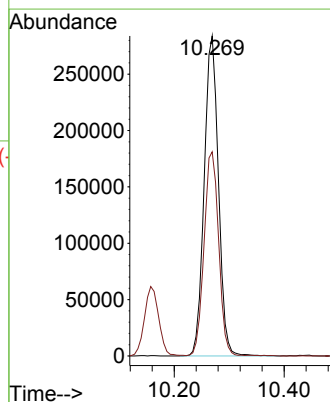
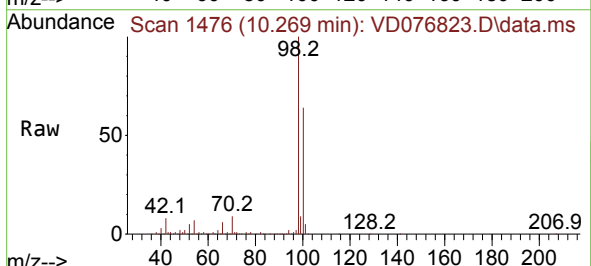
Acq: 26 Jul 2023 23:25

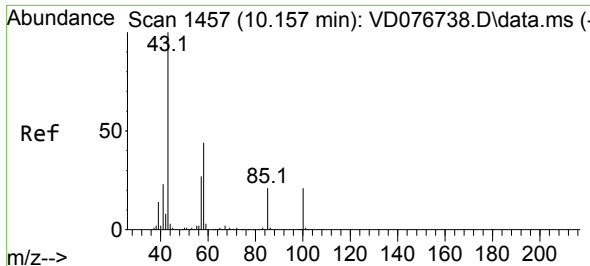
Tgt Ion: 98 Resp: 509791

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

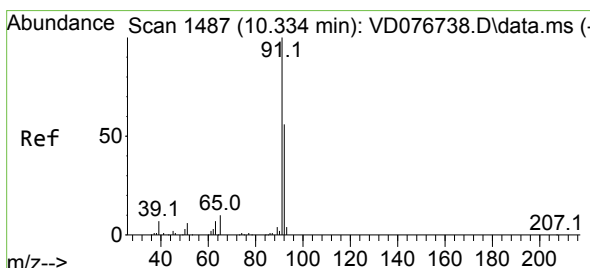
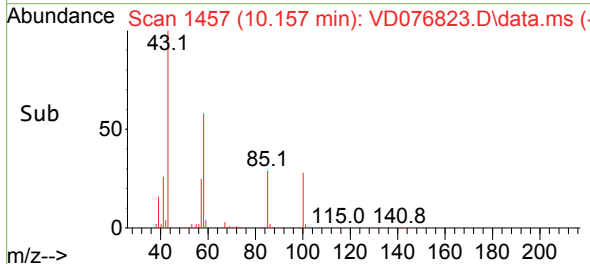
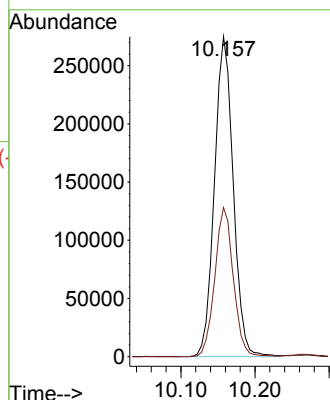
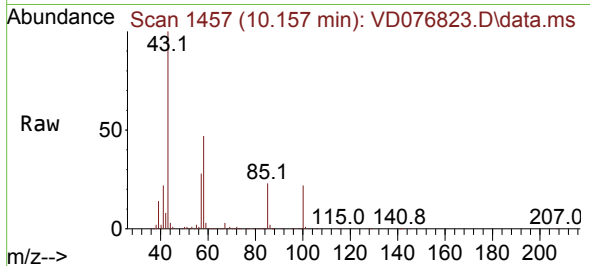




#51
4-Methyl-2-Pentanone
Concen: 242.544 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

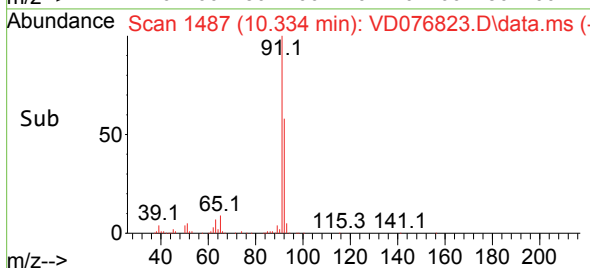
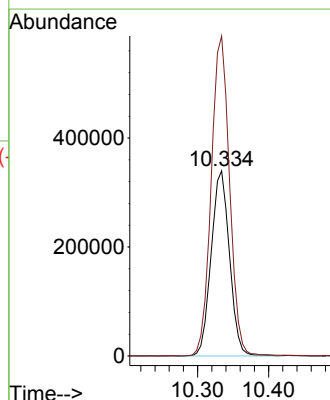
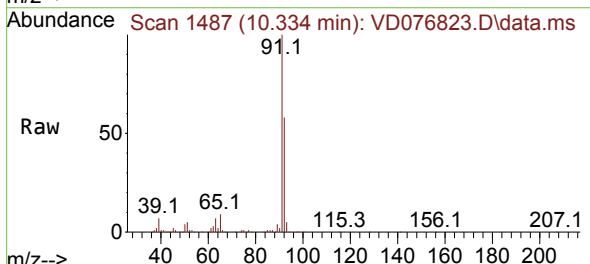
Instrument :
MSVOA_D
ClientSampleId :

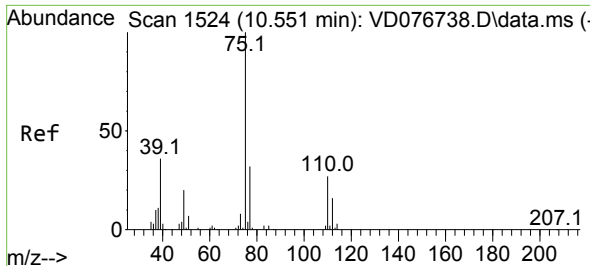
Tgt Ion: 43 Resp: 483721
Ion Ratio Lower Upper
43 100
58 46.0 38.9 58.3



#52
Toluene
Concen: 68.311 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 92 Resp: 607549
Ion Ratio Lower Upper
92 100
91 173.6 143.0 214.4

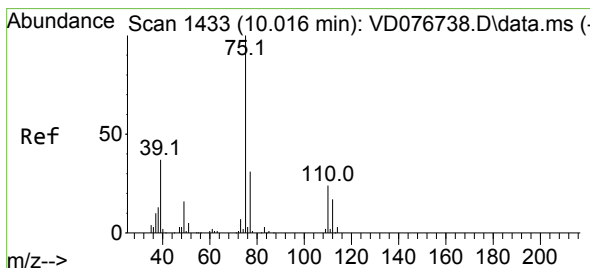
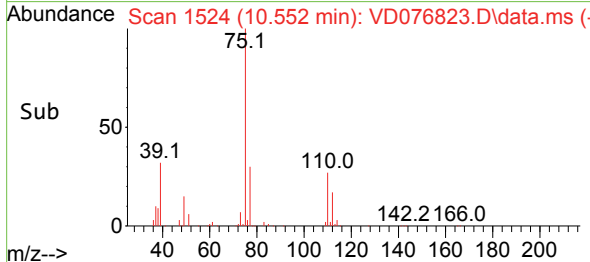
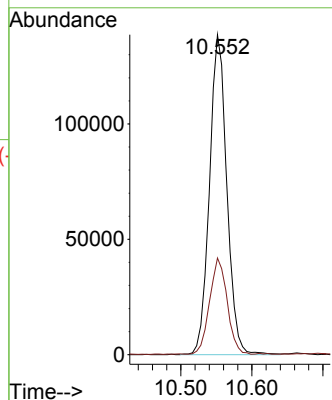
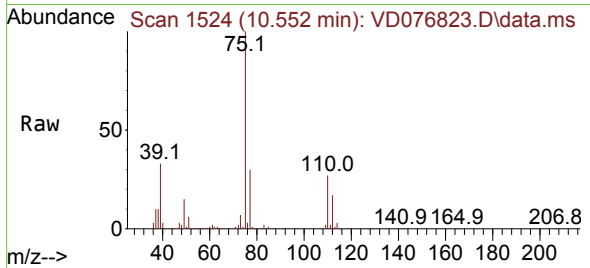




#53
 t-1,3-Dichloropropene
 Concen: 49.423 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

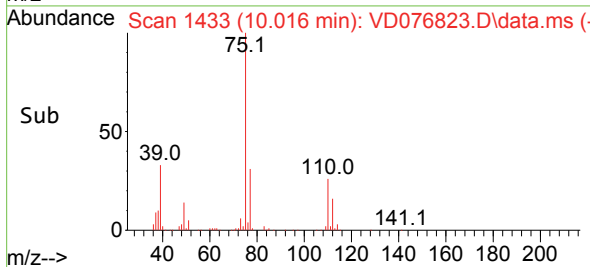
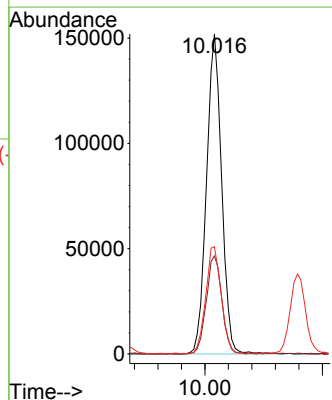
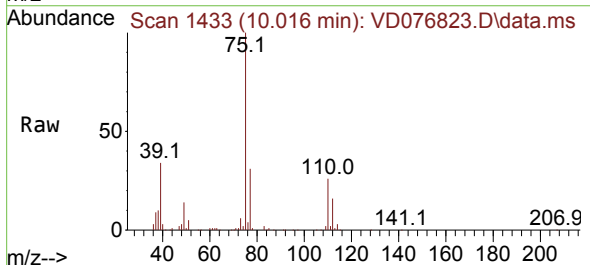
Instrument :
 MSVOA_D
 ClientSampleId :

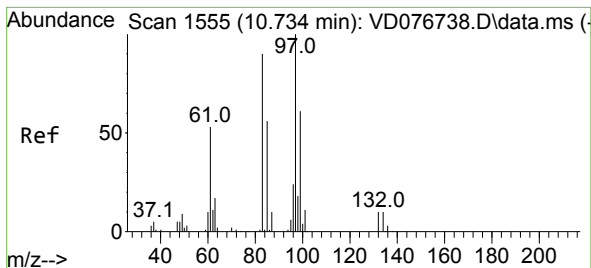
Tgt Ion: 75 Resp: 235544
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 48.197 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion: 75 Resp: 270717
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.5 38.3
 39 33.5 22.1 33.1#

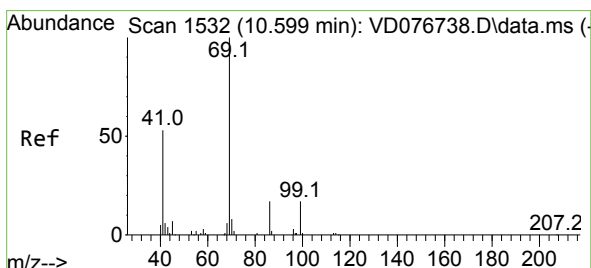
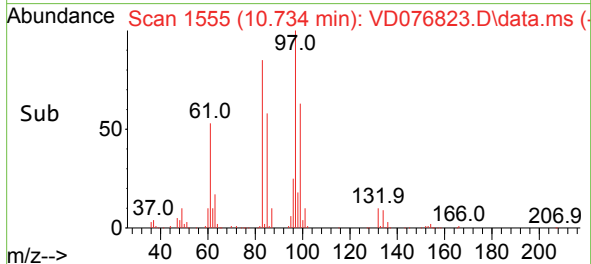
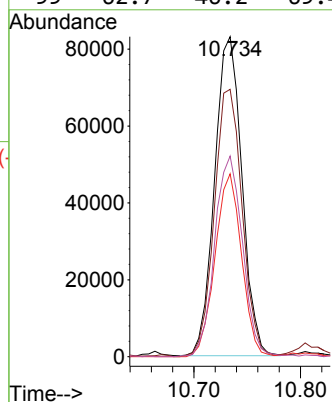
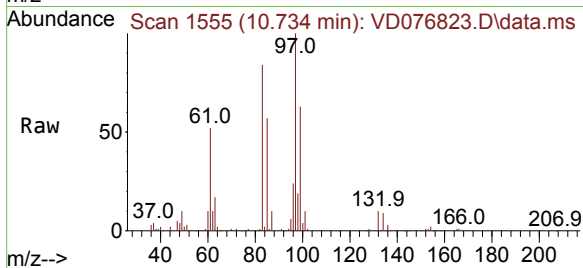




#55
 1,1,2-Trichloroethane
 Concen: 49.488 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

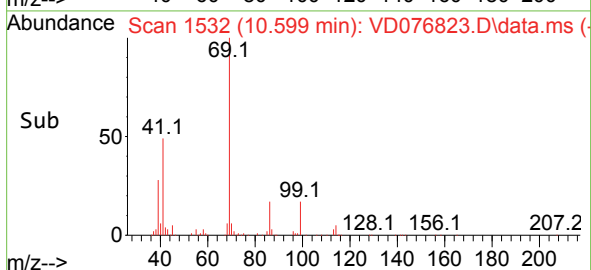
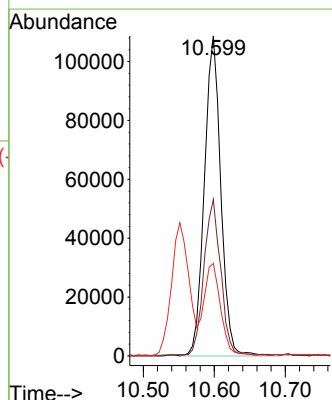
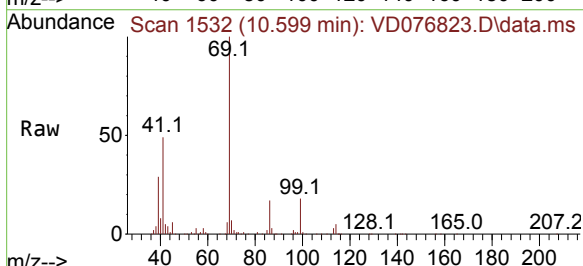
Instrument :
 MSVOA_D
 ClientSampleId :

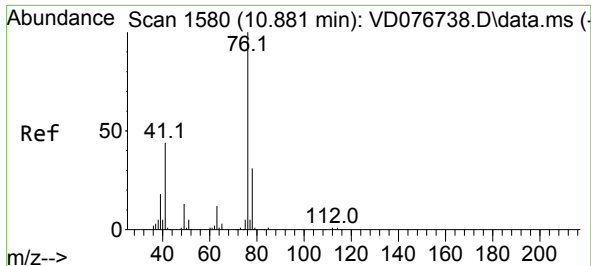
Tgt Ion:	97	Resp:	147861
Ion	Ratio	Lower	Upper
97	100		
83	83.8	65.8	98.6
85	57.3	45.7	68.5
99	62.7	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 50.921 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion:	69	Resp:	175603
Ion	Ratio	Lower	Upper
69	100		
41	49.9	39.1	58.7
39	29.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 55.066 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

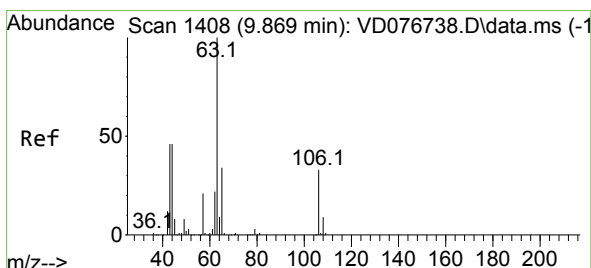
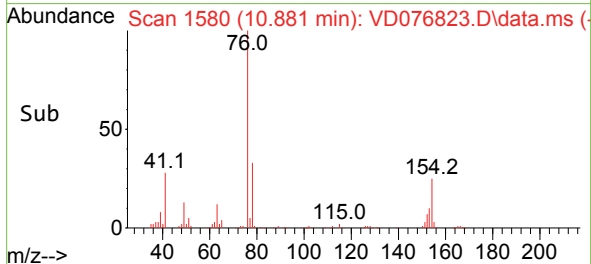
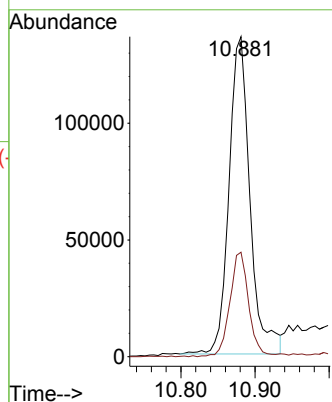
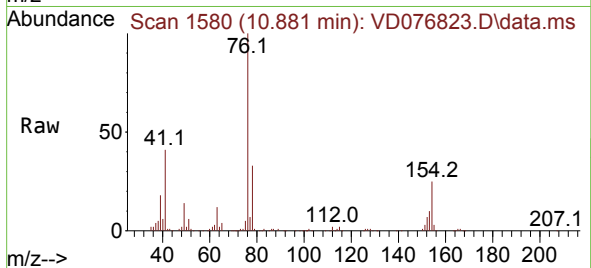
ClientSampleId :

Tgt Ion: 76 Resp: 267938

Ion Ratio Lower Upper

76 100

78 29.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 219.268 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076823.D

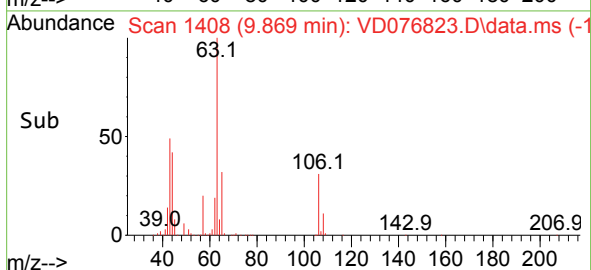
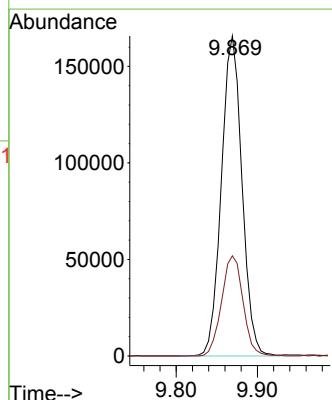
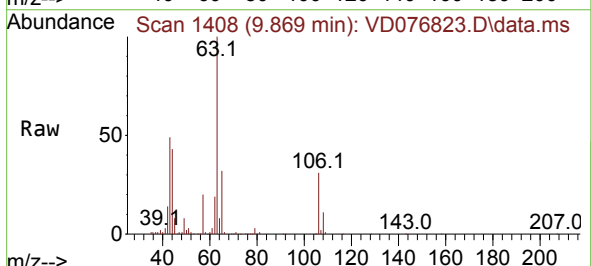
Acq: 26 Jul 2023 23:25

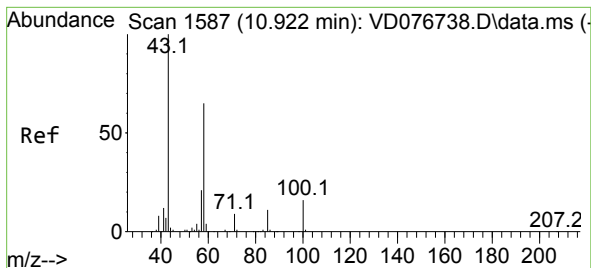
Tgt Ion: 63 Resp: 292692

Ion Ratio Lower Upper

63 100

106 32.5 25.3 37.9

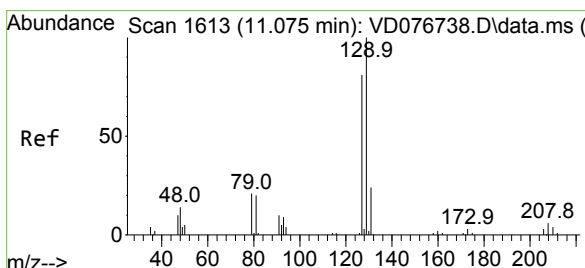
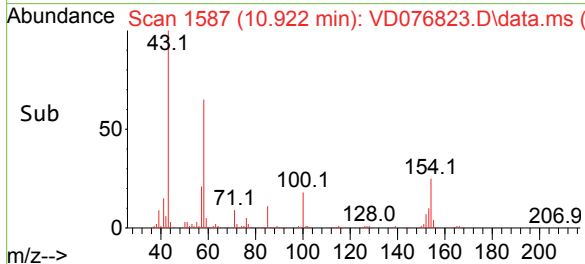
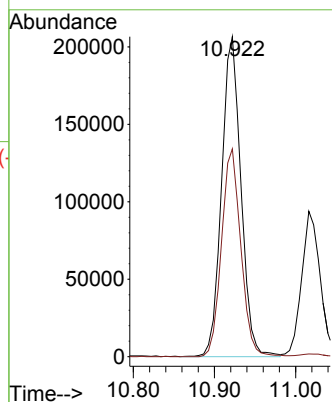
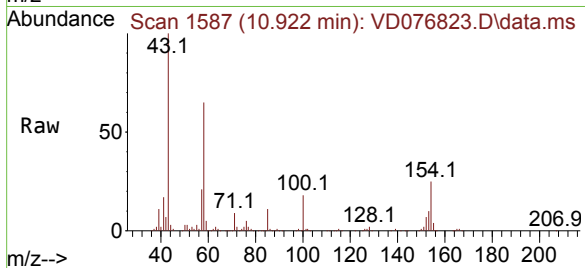




#59
2-Hexanone
Concen: 240.798 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

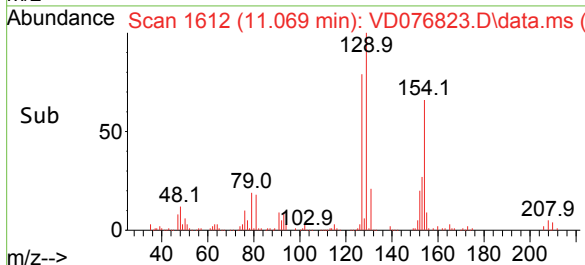
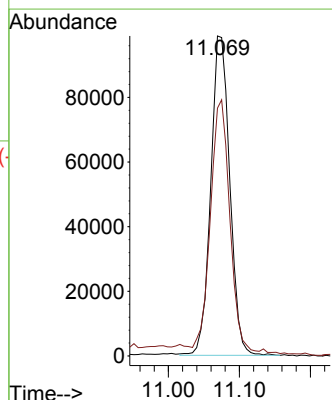
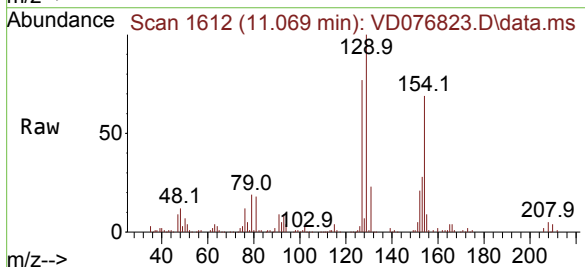
Instrument :
MSVOA_D
ClientSampleId :

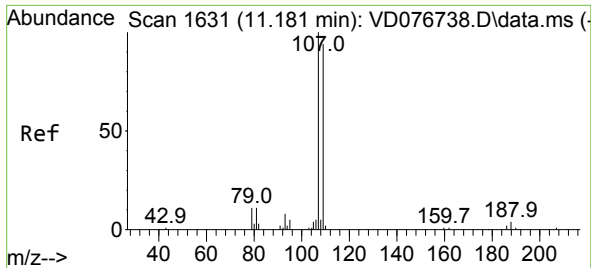
Tgt Ion: 43 Resp: 342670
Ion Ratio Lower Upper
43 100
58 64.8 34.1 102.2



#60
Dibromochloromethane
Concen: 52.975 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 129 Resp: 183876
Ion Ratio Lower Upper
129 100
127 79.3 37.1 111.5

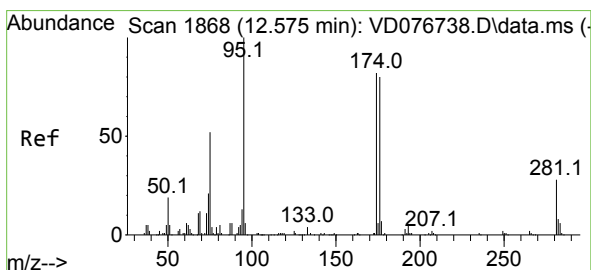
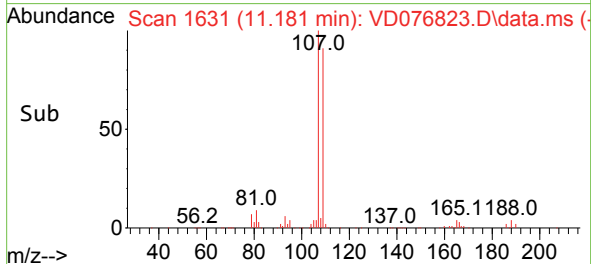
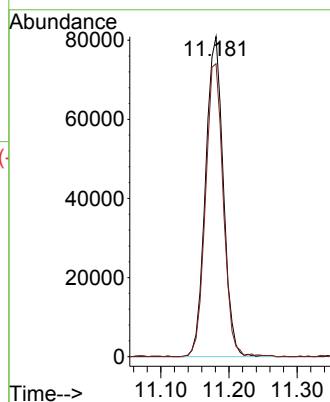
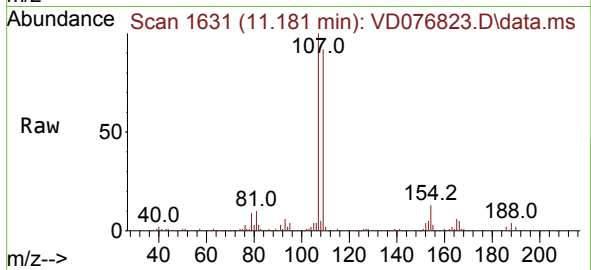




#61
1,2-Dibromoethane
Concen: 52.873 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

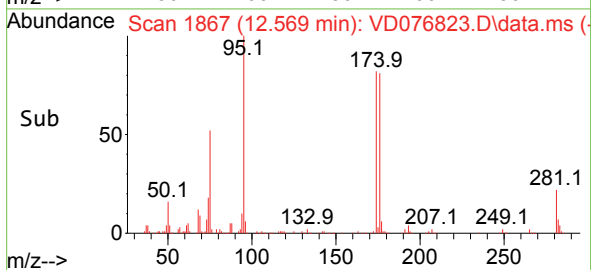
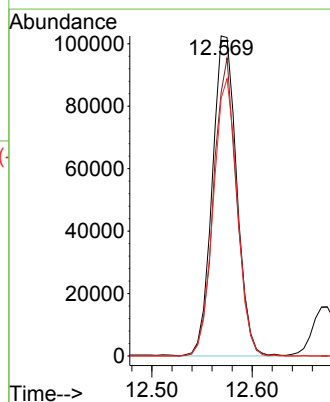
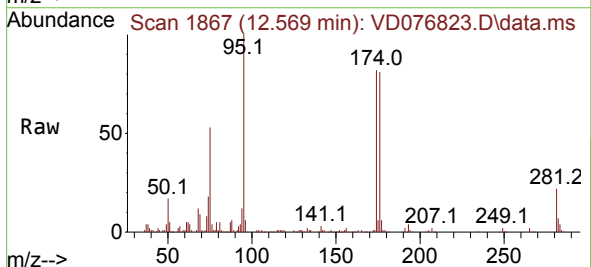
Instrument :
MSVOA_D
ClientSampleId :

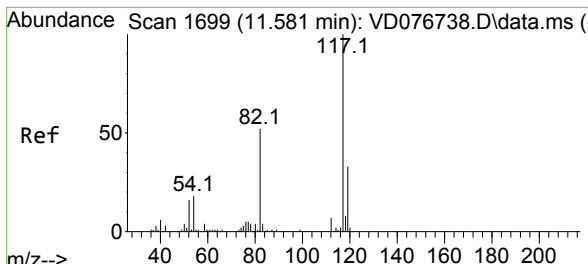
Tgt Ion:107 Resp: 146463
Ion Ratio Lower Upper
107 100
109 91.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.535 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 95 Resp: 173078
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 85.1 0.0 191.8

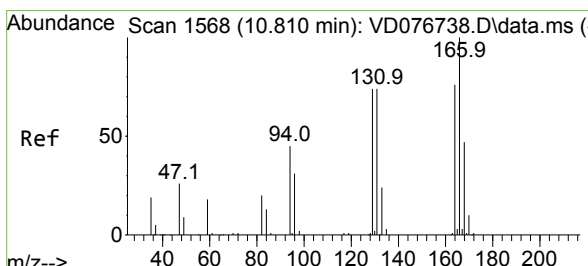
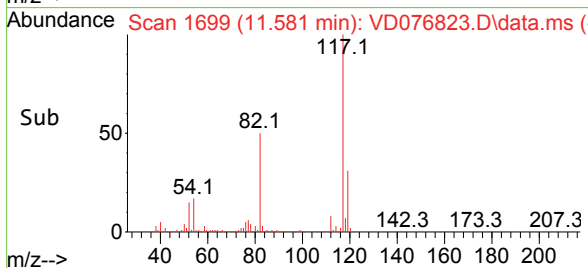
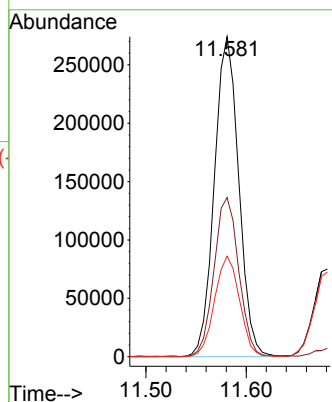
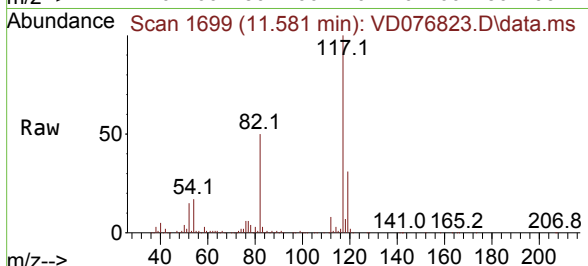




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

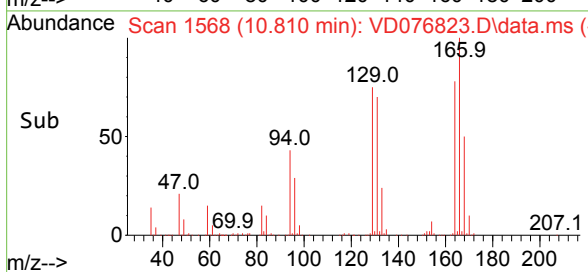
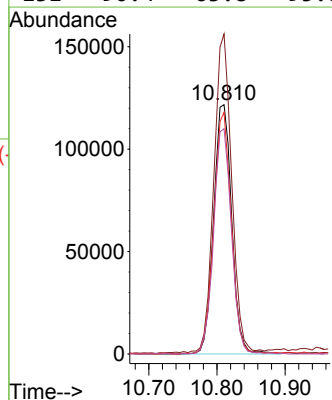
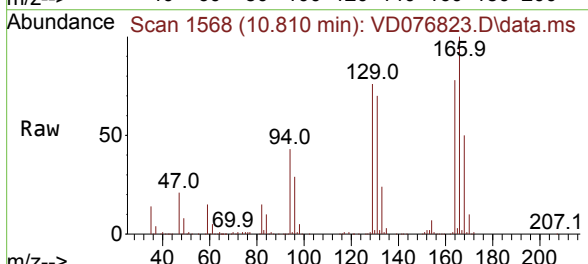
Instrument :
MSVOA_D
ClientSampleId :

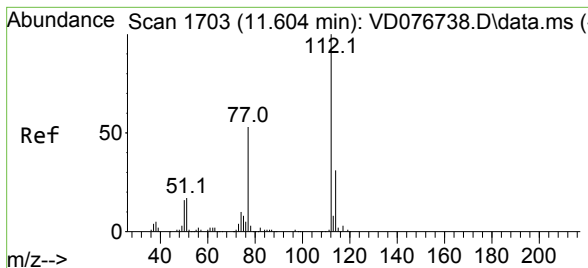
Tgt Ion:	117	Resp:	463223
Ion Ratio	Lower	Upper	
117	100		
82	49.7	38.3	57.5
119	31.4	25.0	37.4



#64
Tetrachloroethene
Concen: 85.298 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion:	164	Resp:	225305
Ion Ratio	Lower	Upper	
164	100		
166	127.8	99.2	148.8
129	96.9	68.4	102.6
131	90.4	63.8	95.8





#65

Chlorobenzene

Concen: 53.938 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

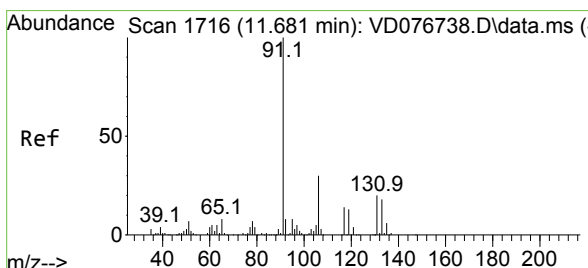
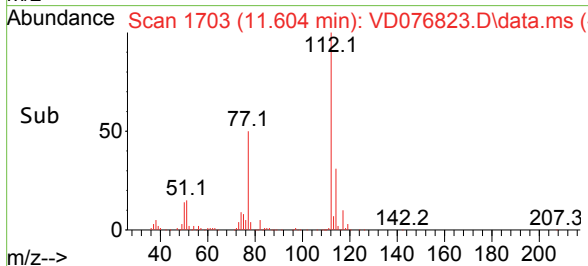
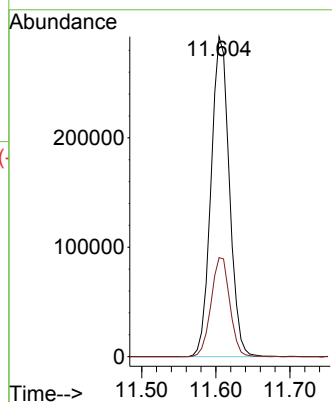
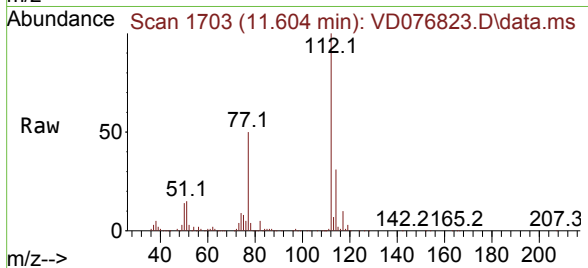
ClientSampleId :

Tgt Ion:112 Resp: 502503

Ion Ratio Lower Upper

112 100

114 31.0 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 54.612 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

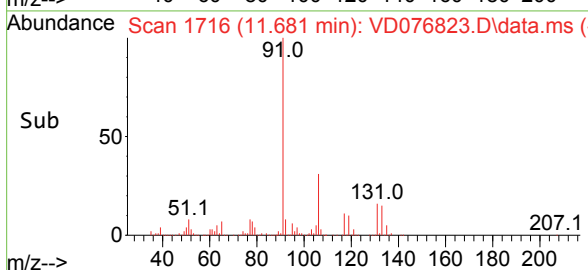
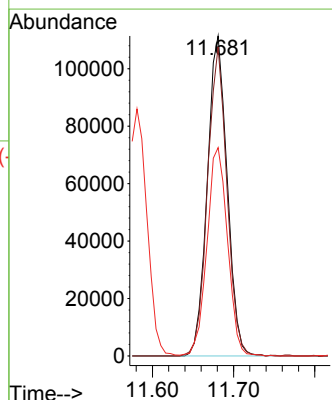
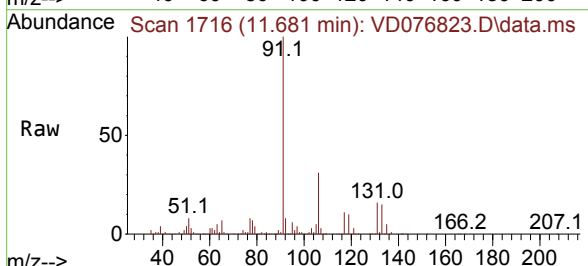
Tgt Ion:131 Resp: 189424

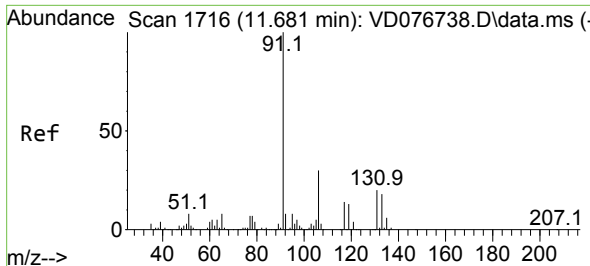
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 67.5 35.6 106.9

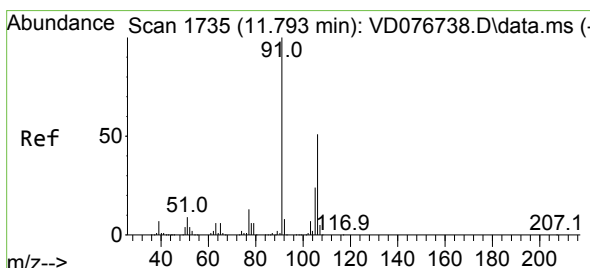
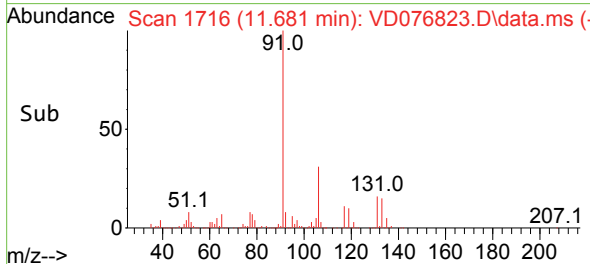
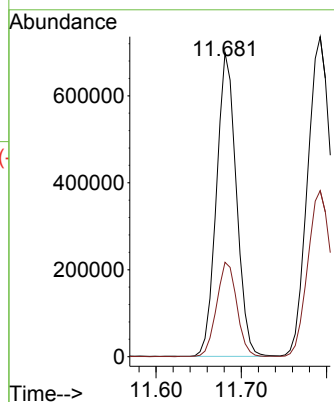
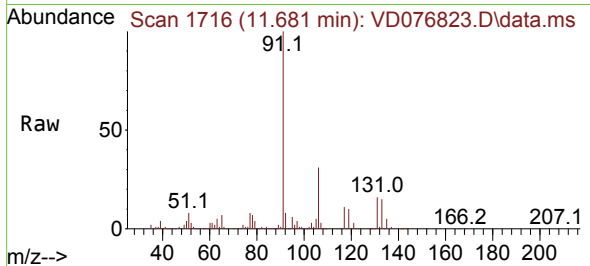




#67
Ethyl Benzene
Concen: 69.198 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

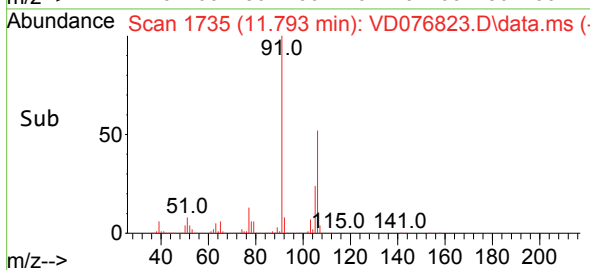
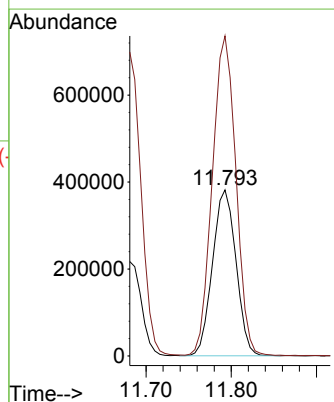
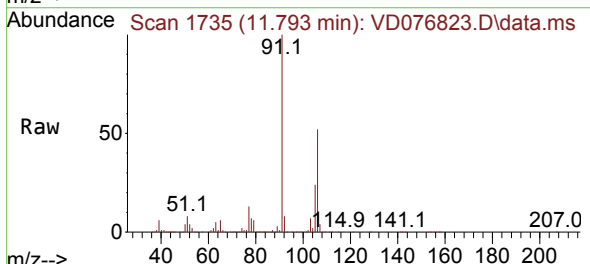
Instrument :
MSVOA_D
ClientSampleId :

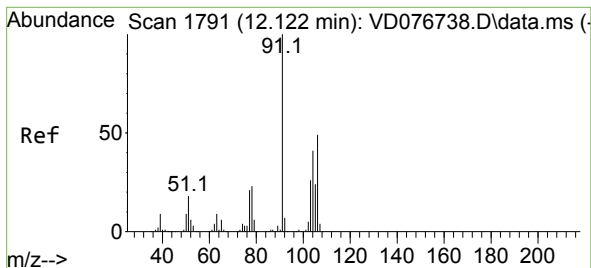
Tgt Ion: 91 Resp: 1132175
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7



#68
m/p-Xylenes
Concen: 116.420 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion:106 Resp: 731556
Ion Ratio Lower Upper
106 100
91 193.2 147.0 220.6





#69

o-Xylene

Concen: 57.423 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

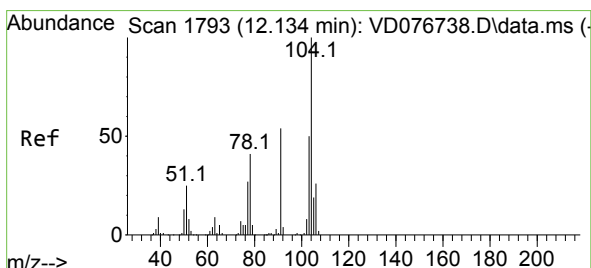
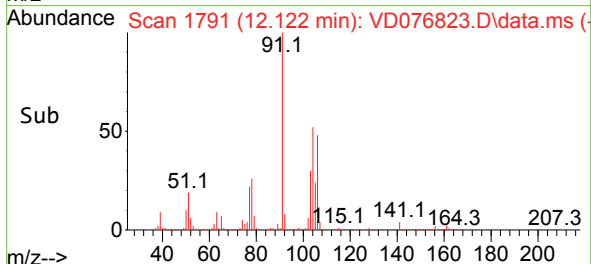
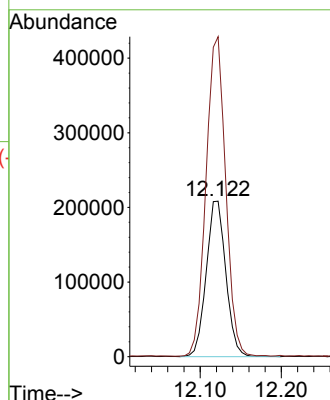
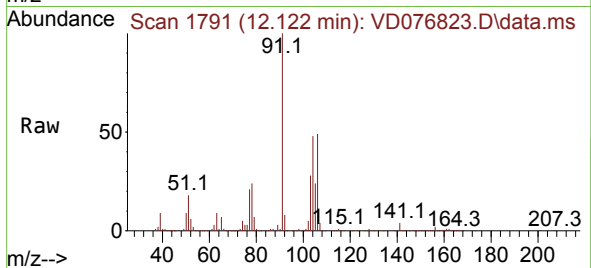
ClientSampleId :

Tgt Ion:106 Resp: 348928

Ion Ratio Lower Upper

106 100

91 205.9 97.9 293.6



#70

Styrene

Concen: 58.514 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

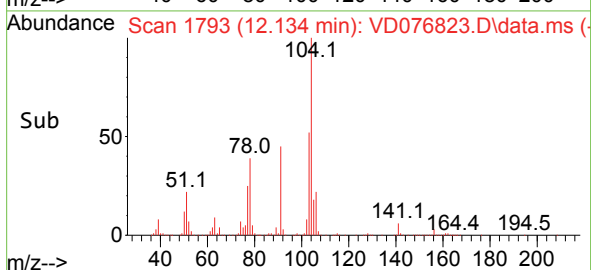
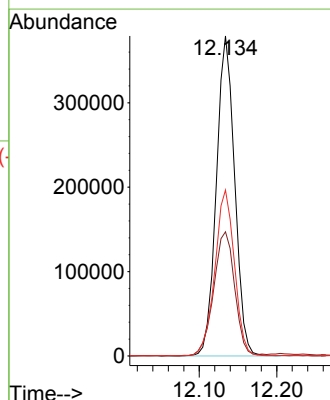
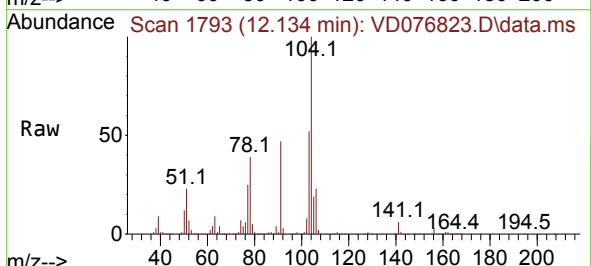
Tgt Ion:104 Resp: 622430

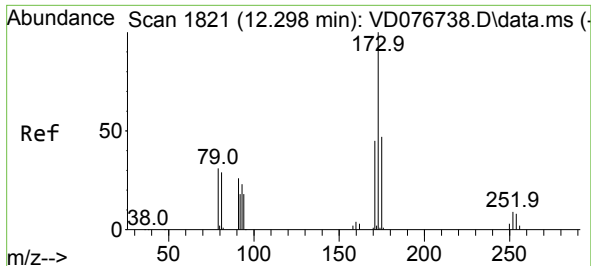
Ion Ratio Lower Upper

104 100

78 44.7 33.2 49.8

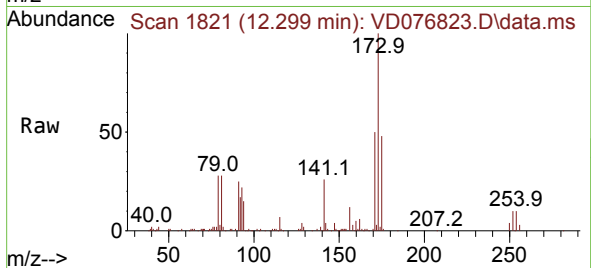
103 55.1 43.6 65.4



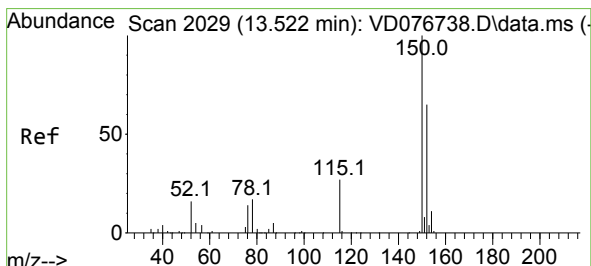
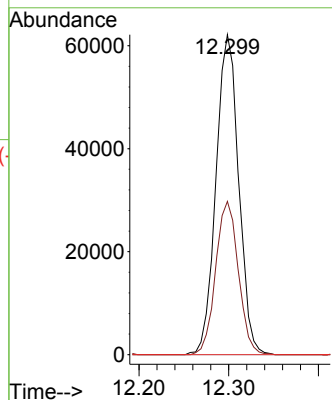
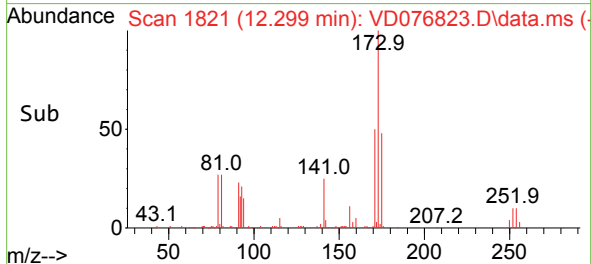


#71
Bromoform
Concen: 57.502 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

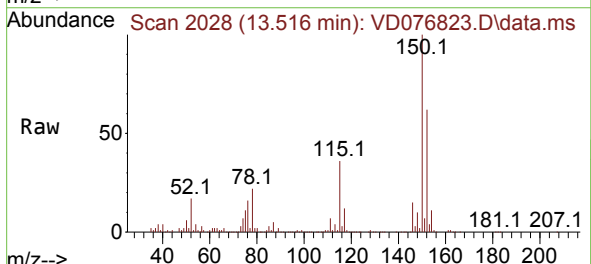
Instrument :
MSVOA_D
ClientSampleId :



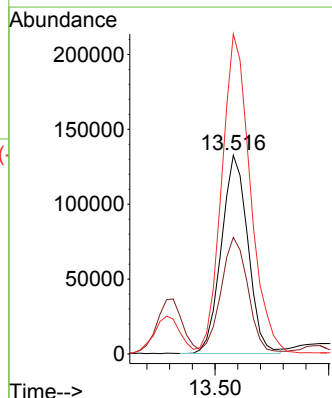
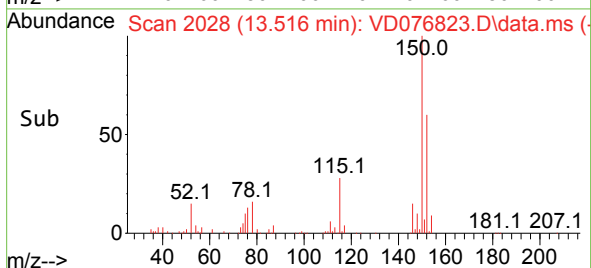
Tgt Ion:173 Resp: 109234
Ion Ratio Lower Upper
173 100
175 47.9 24.6 73.8
254 0.0 0.0 0.0

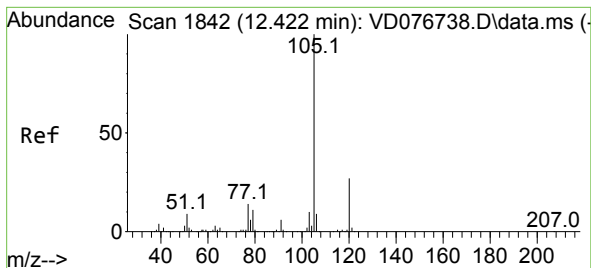


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25



Tgt Ion:152 Resp: 214819
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 173.1 0.0 353.6





#73

Isopropylbenzene

Concen: 54.730 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

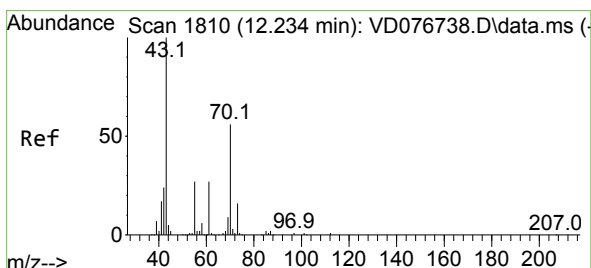
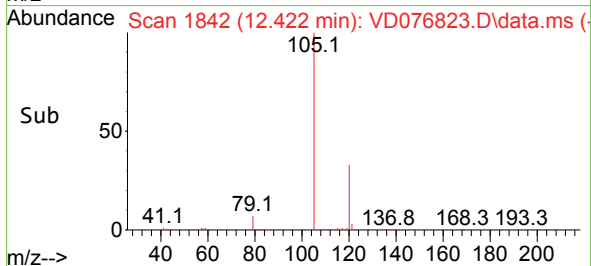
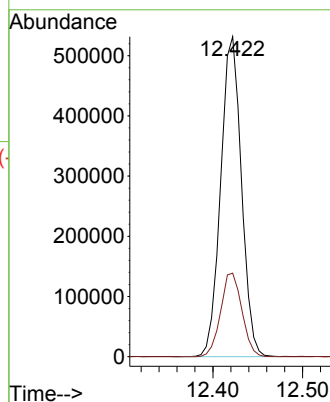
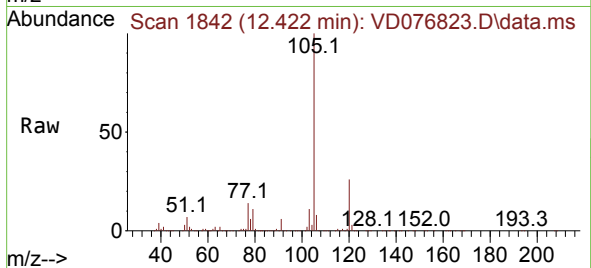
ClientSampleId :

Tgt Ion:105 Resp: 852999

Ion Ratio Lower Upper

105 100

120 26.8 14.3 42.9



#74

N-ethyl acetate

Concen: 48.487 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Tgt Ion: 43 Resp: 159203

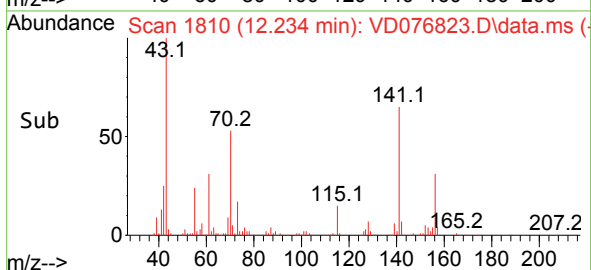
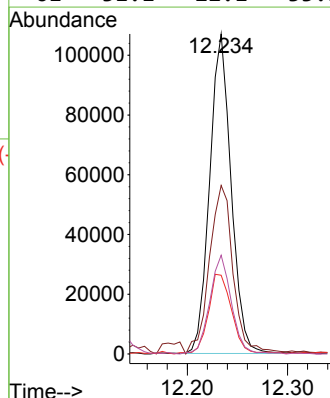
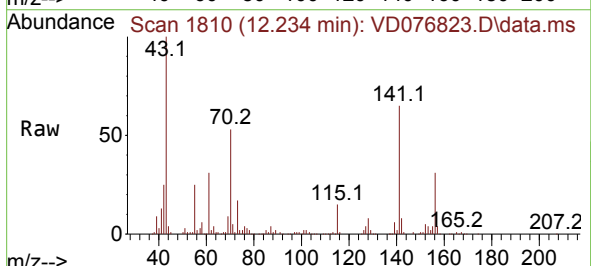
Ion Ratio Lower Upper

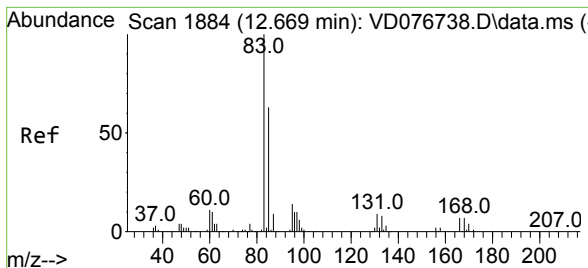
43 100

70 58.6 45.0 67.4

55 27.4 23.8 35.6

61 31.1 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.328 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

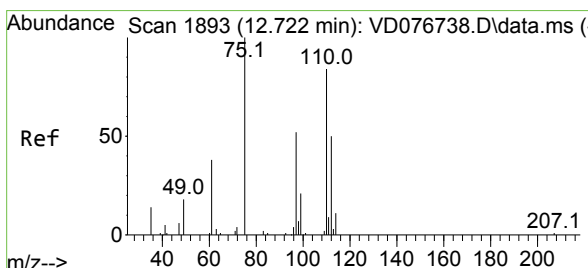
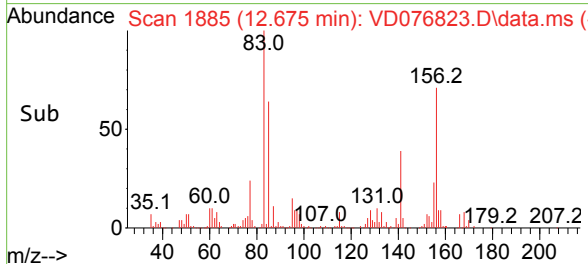
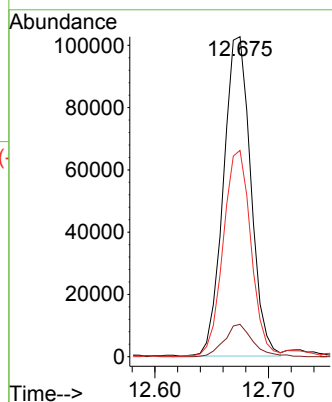
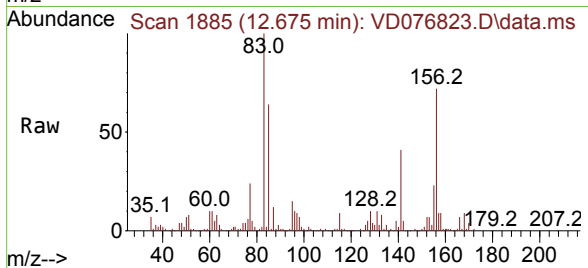
Tgt Ion: 83 Resp: 171760

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 65.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 104.090 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD076823.D

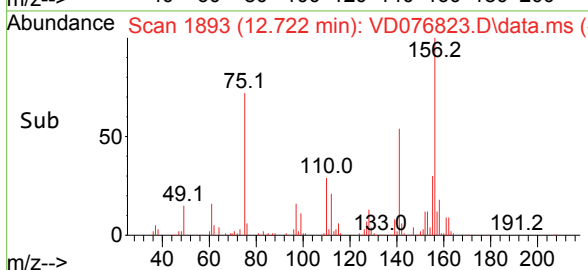
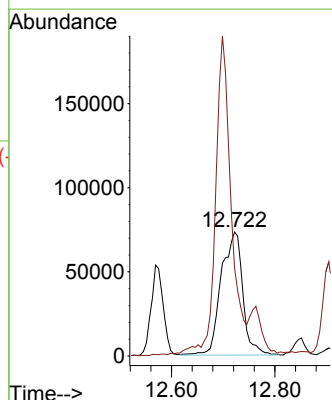
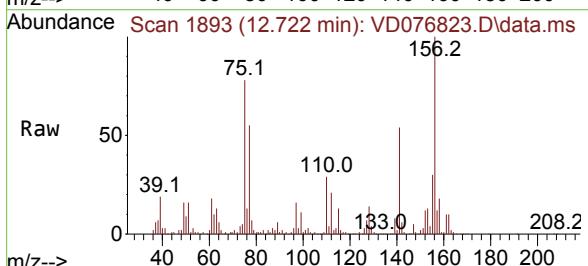
Acq: 26 Jul 2023 23:25

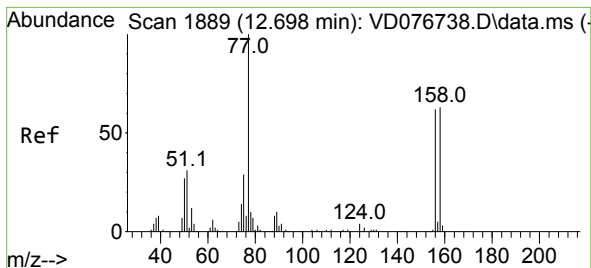
Tgt Ion: 75 Resp: 212646

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 221.378 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

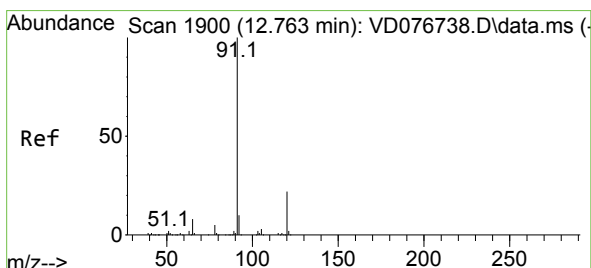
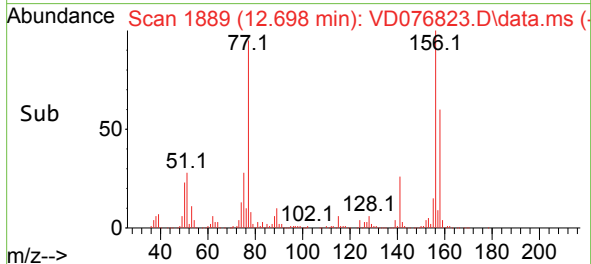
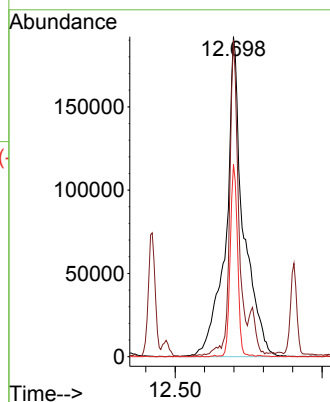
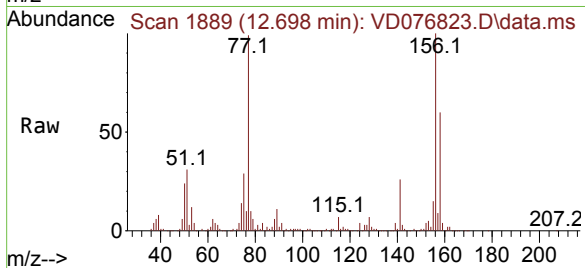
Tgt Ion:156 Resp: 796412

Ion Ratio Lower Upper

156 100

77 50.4 76.8 230.4#

158 25.0 48.6 145.9#



#78

n-propylbenzene

Concen: 52.707 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076823.D

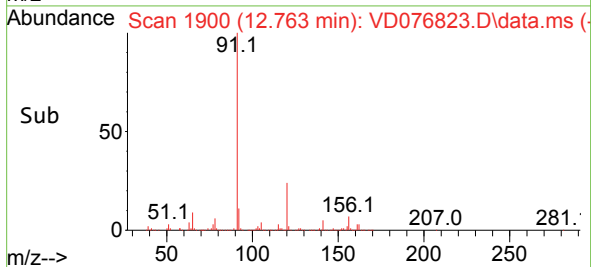
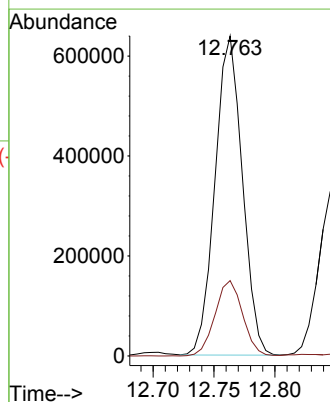
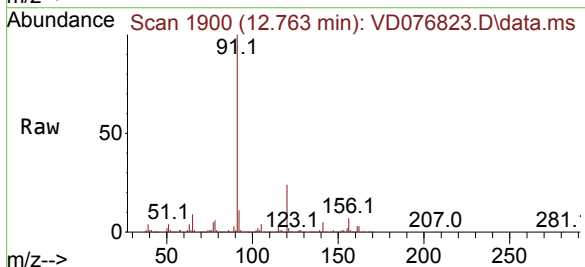
Acq: 26 Jul 2023 23:25

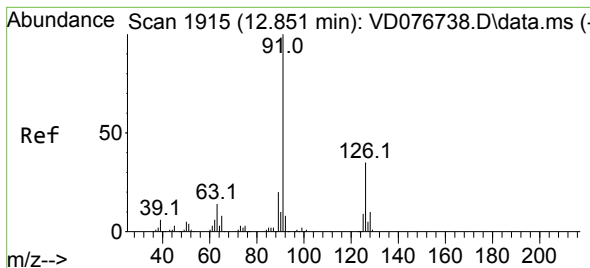
Tgt Ion: 91 Resp: 995888

Ion Ratio Lower Upper

91 100

120 23.9 12.4 37.2





#79

2-Chlorotoluene

Concen: 53.948 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

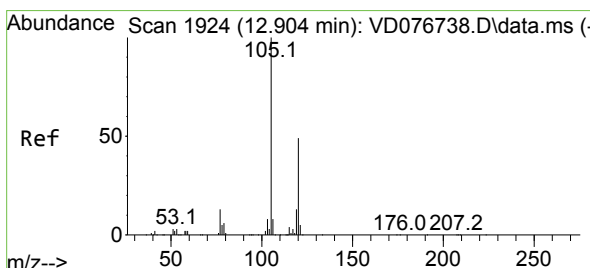
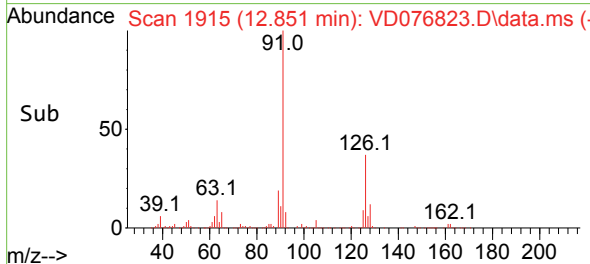
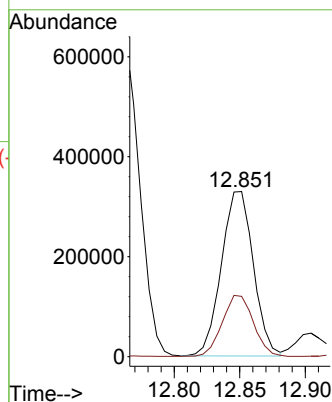
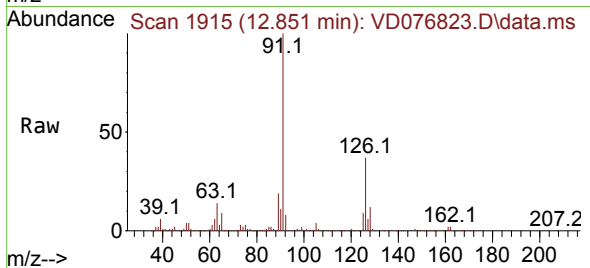
ClientSampleId :

Tgt Ion: 91 Resp: 558901

Ion Ratio Lower Upper

91 100

126 36.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 55.260 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076823.D

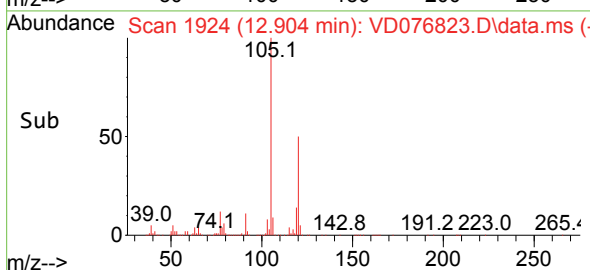
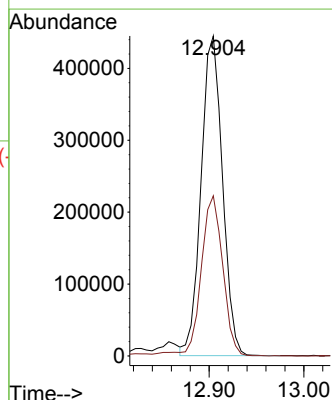
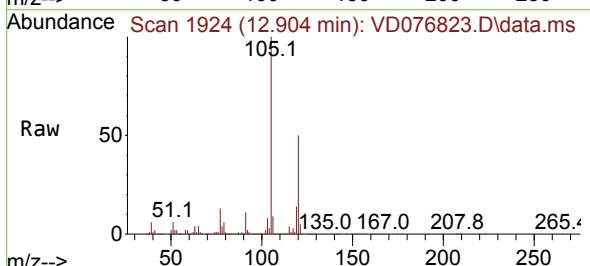
Acq: 26 Jul 2023 23:25

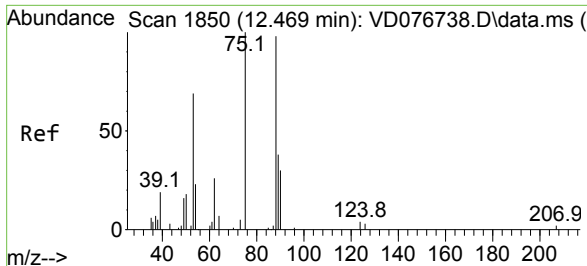
Tgt Ion: 105 Resp: 696406

Ion Ratio Lower Upper

105 100

120 50.9 26.4 79.2

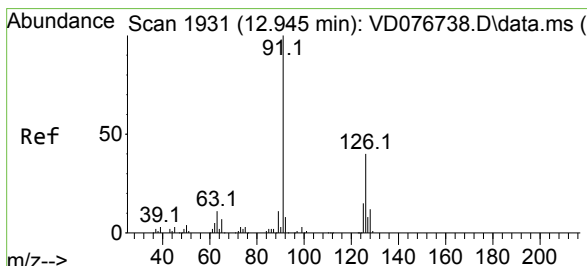
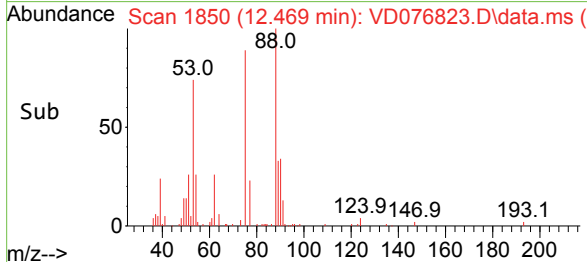
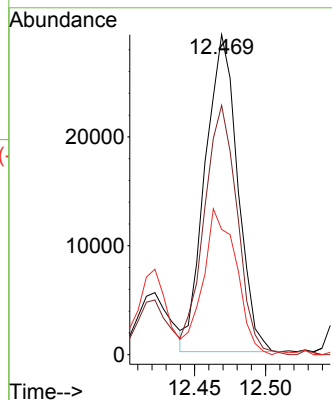
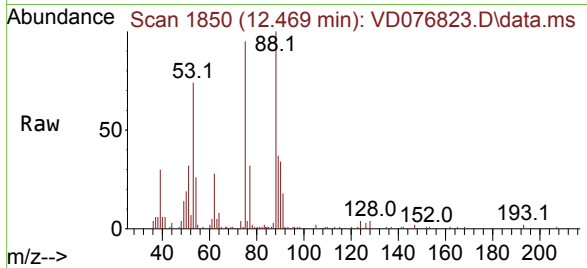




#81
trans-1,4-Dichloro-2-butene
Concen: 48.134 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

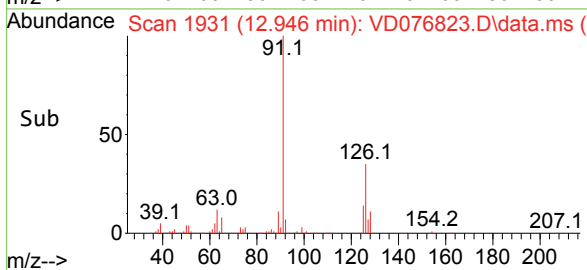
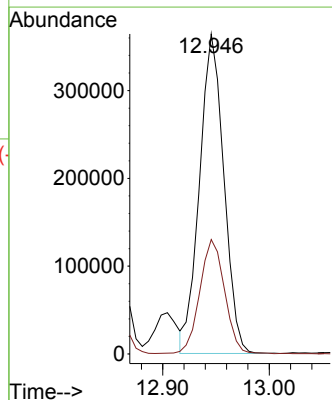
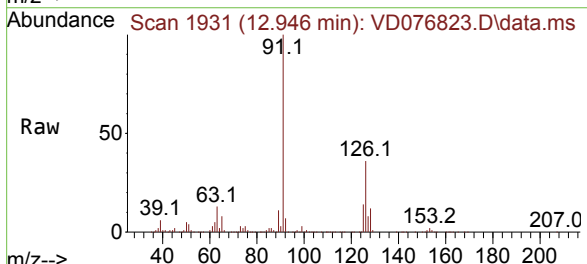
Instrument :
MSVOA_D
ClientSampleId :

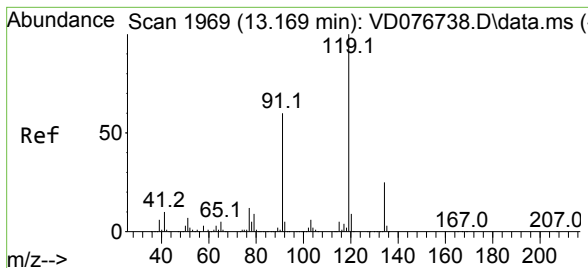
Tgt Ion: 75 Resp: 46204
Ion Ratio Lower Upper
75 100
53 80.5 63.0 94.4
89 47.1 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.502 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076823.D
Acq: 26 Jul 2023 23:25

Tgt Ion: 91 Resp: 579048
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 56.143 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

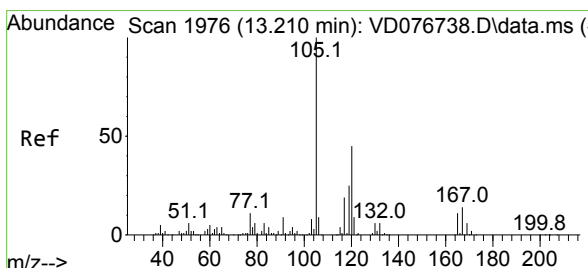
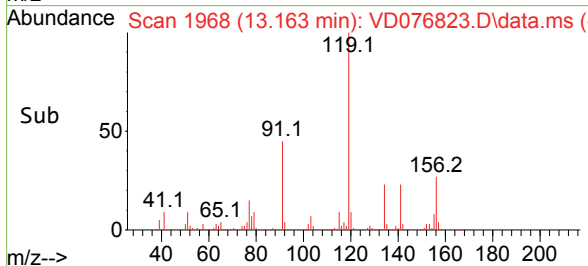
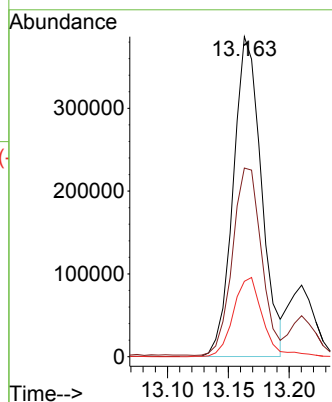
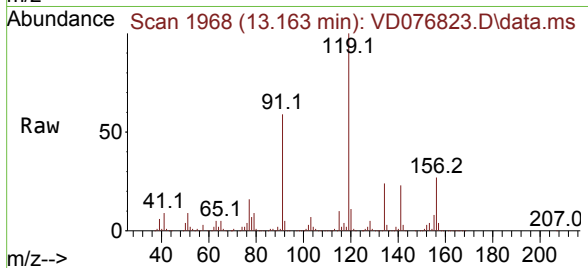
Tgt Ion:119 Resp: 622982

Ion Ratio Lower Upper

119 100

91 60.3 29.3 87.8

134 26.0 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 56.231 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD076823.D

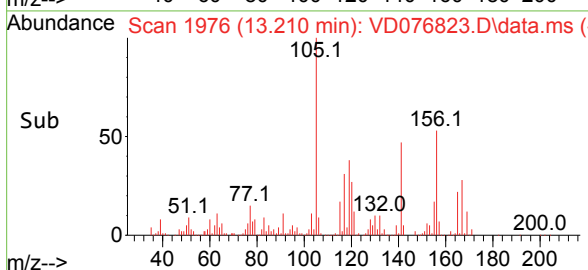
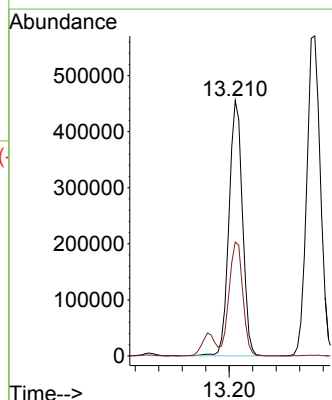
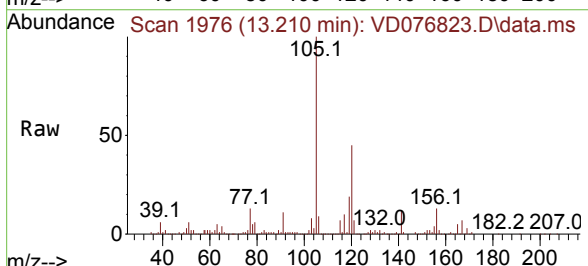
Acq: 26 Jul 2023 23:25

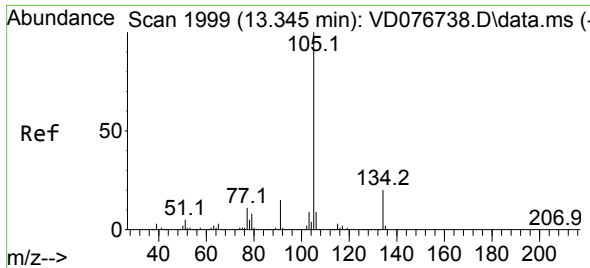
Tgt Ion:105 Resp: 724166

Ion Ratio Lower Upper

105 100

120 45.9 24.3 72.9

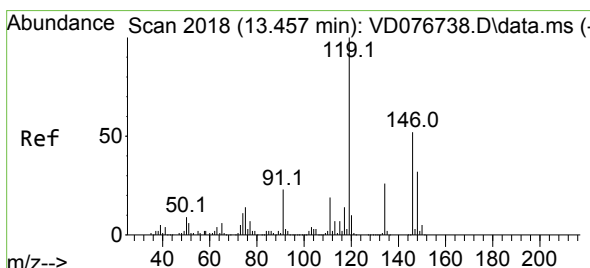
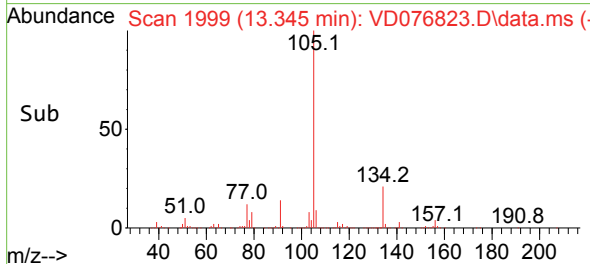
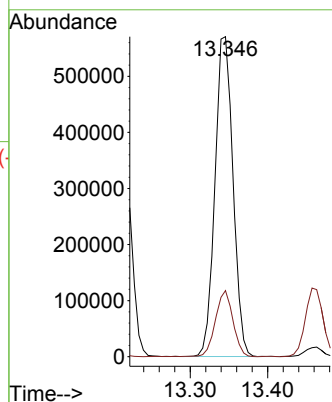
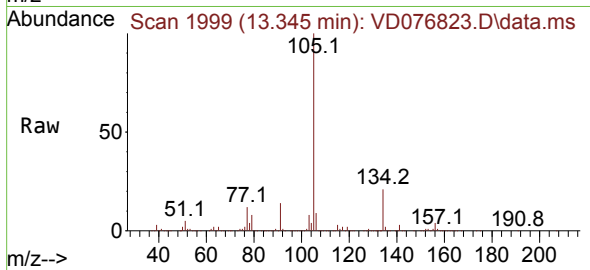




#85
 sec-Butylbenzene
 Concen: 54.315 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

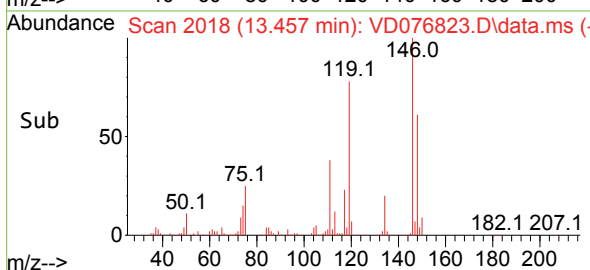
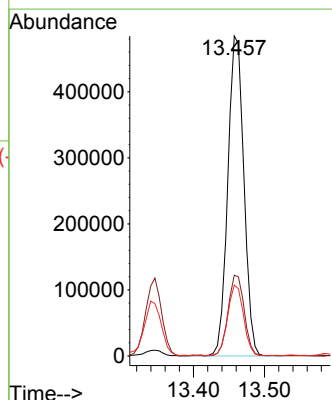
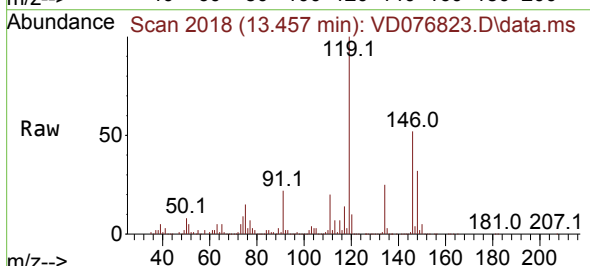
Instrument :
 MSVOA_D
 ClientSampleId :

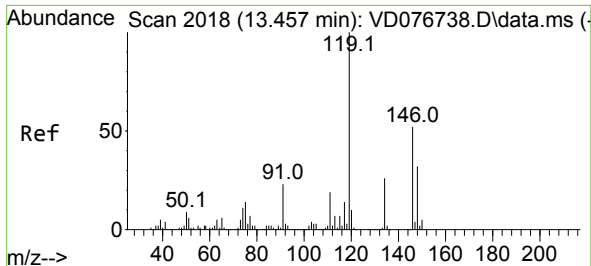
Tgt Ion:105 Resp: 920805
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.441 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion:119 Resp: 762234
 Ion Ratio Lower Upper
 119 100
 134 25.4 14.2 42.6
 91 21.7 10.5 31.5

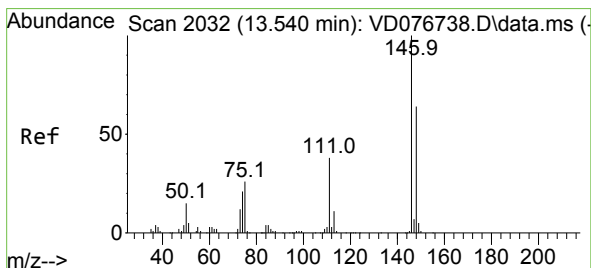
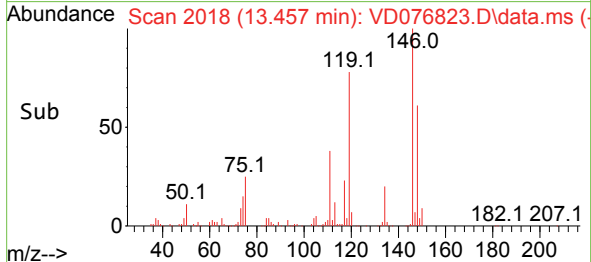
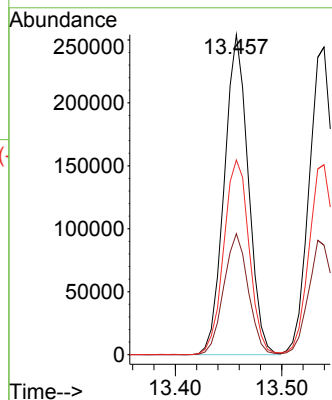
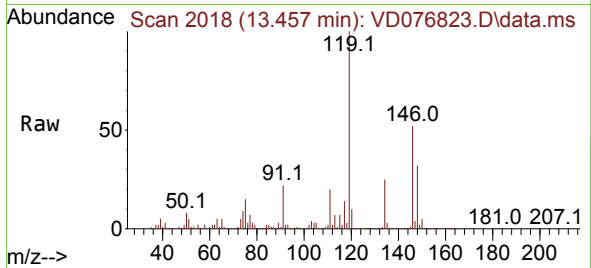




#87
 1,3-Dichlorobenzene
 Concen: 53.809 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

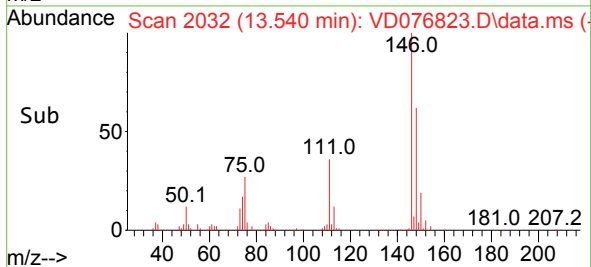
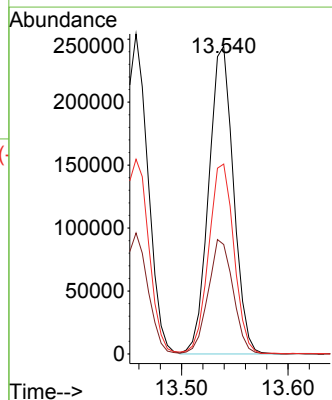
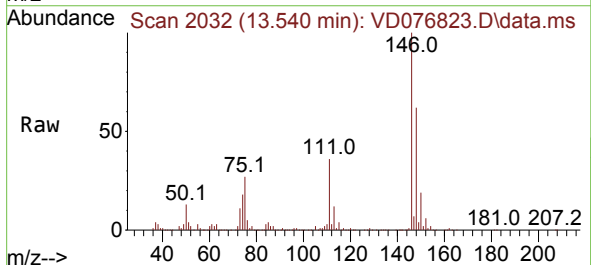
Instrument :
 MSVOA_D
 ClientSampleId :

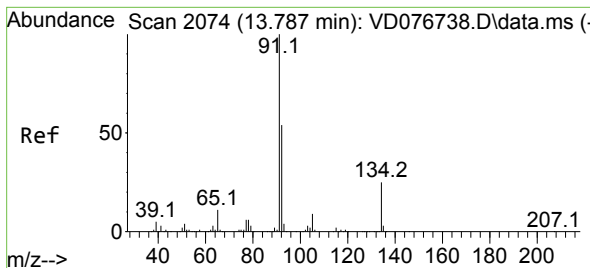
Tgt Ion:146 Resp: 398158
 Ion Ratio Lower Upper
 146 100
 111 38.6 17.9 53.8
 148 64.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 54.330 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion:146 Resp: 393874
 Ion Ratio Lower Upper
 146 100
 111 37.3 17.4 52.3
 148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 50.804 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076823.D

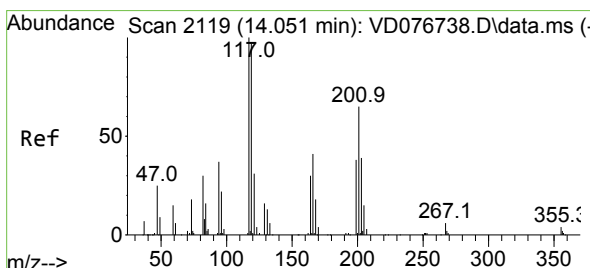
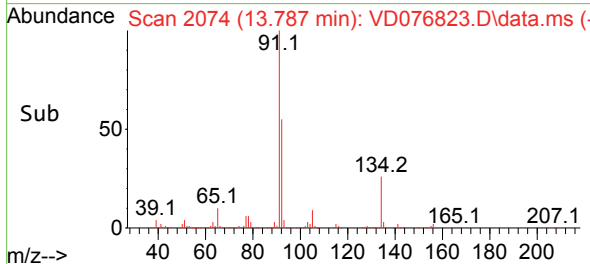
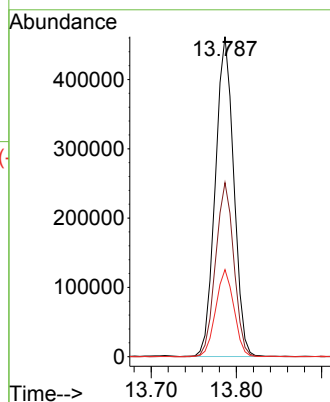
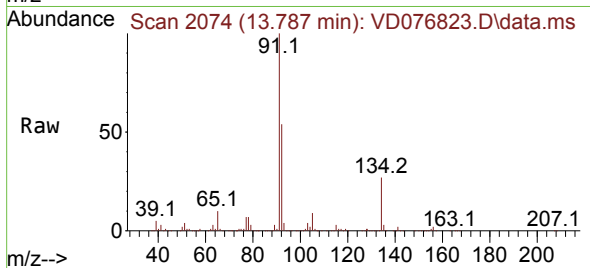
Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	91	Resp:	696042
Ion	Ratio	Lower	Upper
91	100		
92	53.7	26.5	79.5
134	26.9	13.8	41.3



#90

Hexachloroethane

Concen: 54.384 ug/l

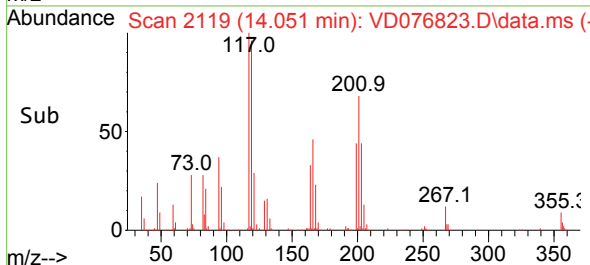
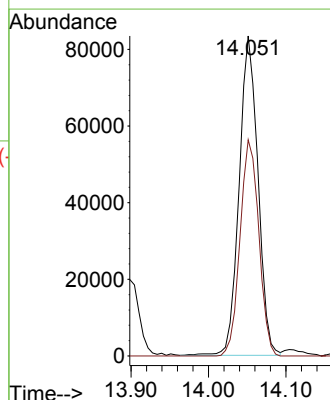
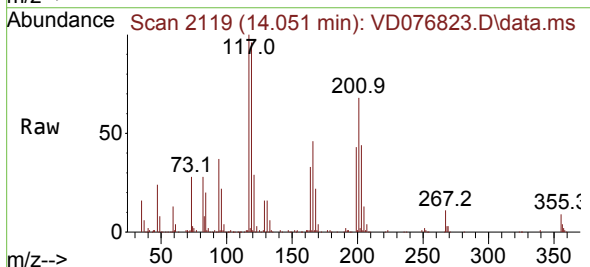
RT: 14.051 min Scan# 2119

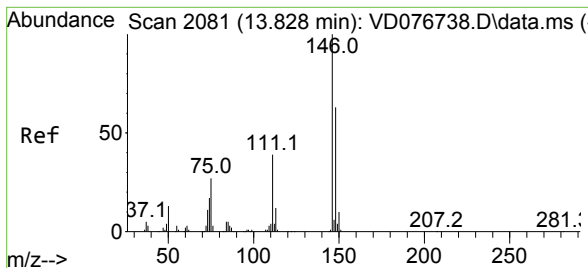
Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Tgt Ion:	117	Resp:	140771
Ion	Ratio	Lower	Upper
117	100		
201	67.6	38.5	115.5

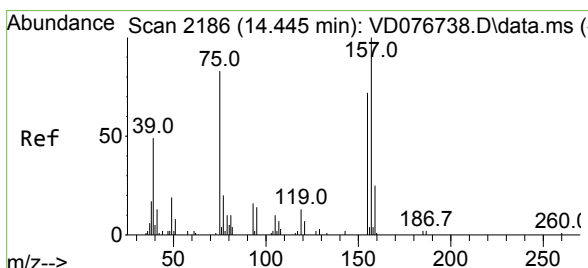
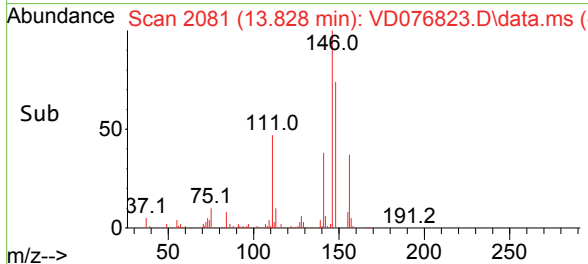
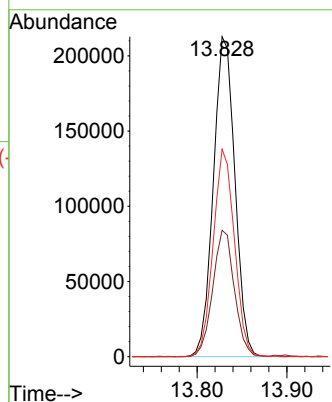
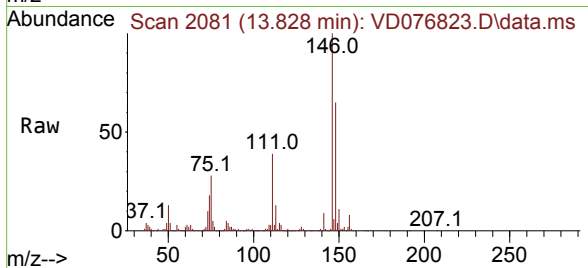




#91
 1,2-Dichlorobenzene
 Concen: 54.455 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

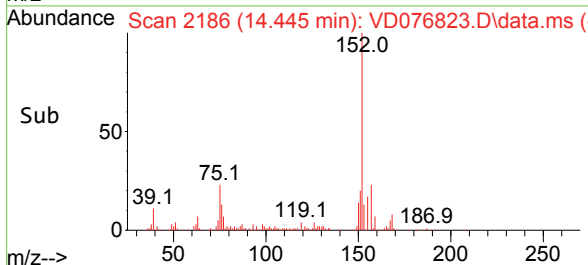
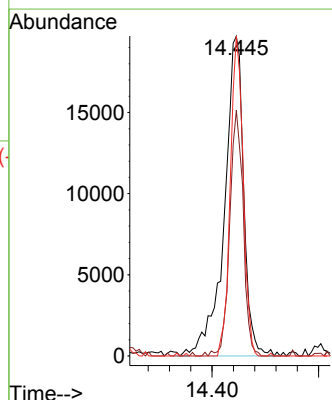
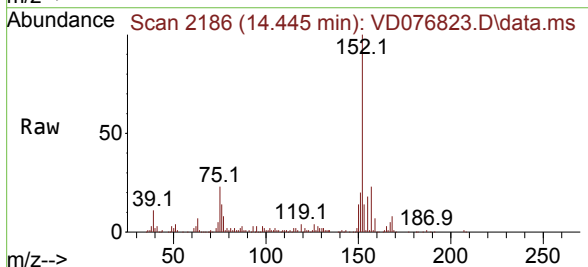
Instrument :
 MSVOA_D
 ClientSampleId :

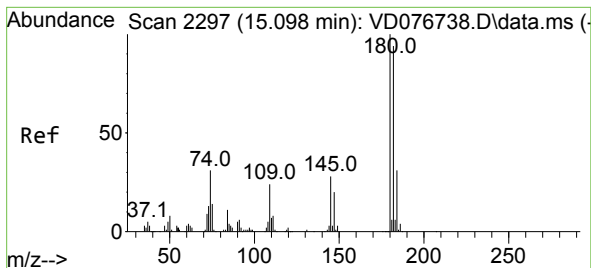
Tgt Ion:146 Resp: 355059
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.3 54.8
 148 64.1 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 104.685 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076823.D
 Acq: 26 Jul 2023 23:25

Tgt Ion: 75 Resp: 49948
 Ion Ratio Lower Upper
 75 100
 155 53.3 47.9 143.8
 157 66.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.810 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

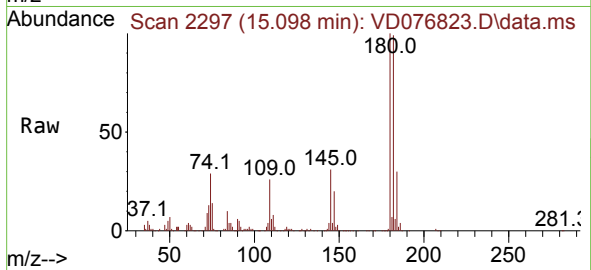
Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :



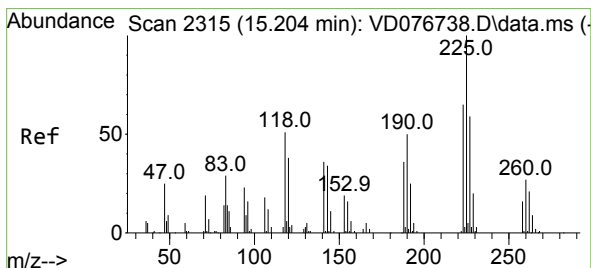
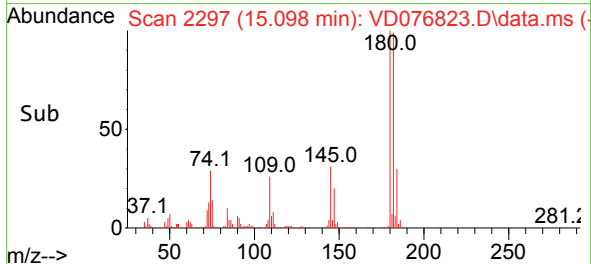
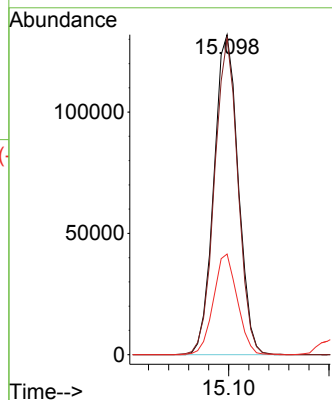
Tgt Ion:180 Resp: 222159

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.6

145 31.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.726 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

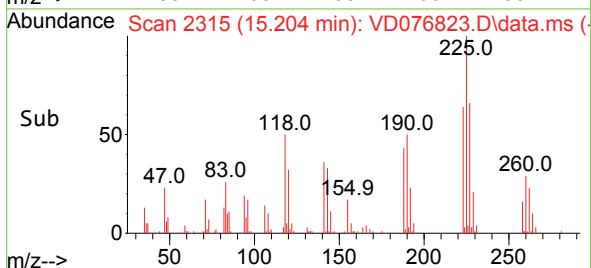
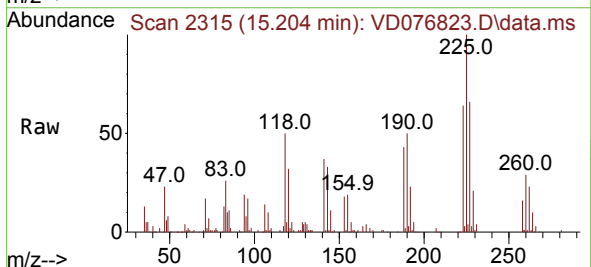
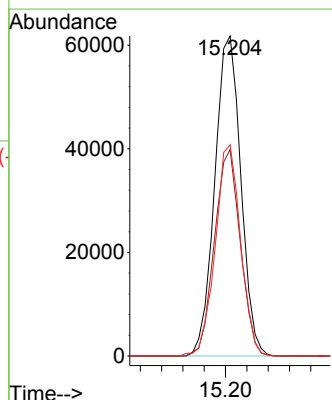
Tgt Ion:225 Resp: 104769

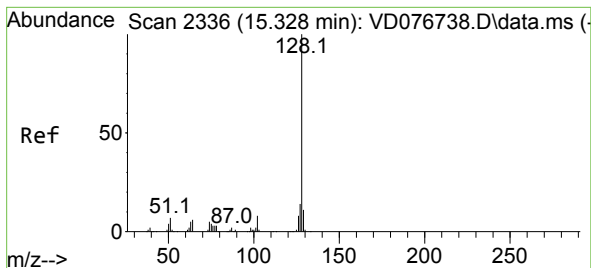
Ion Ratio Lower Upper

225 100

223 63.7 31.6 94.8

227 64.0 31.7 95.1





#95

Naphthalene

Concen: 414.862 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Instrument :

MSVOA_D

ClientSampleId :

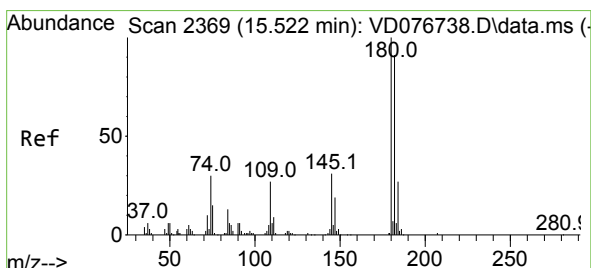
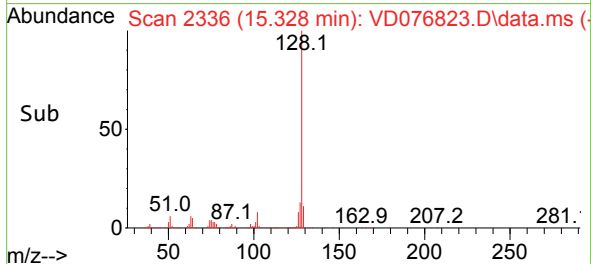
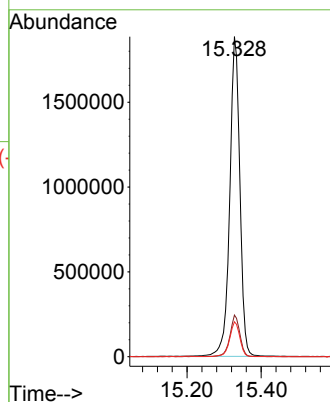
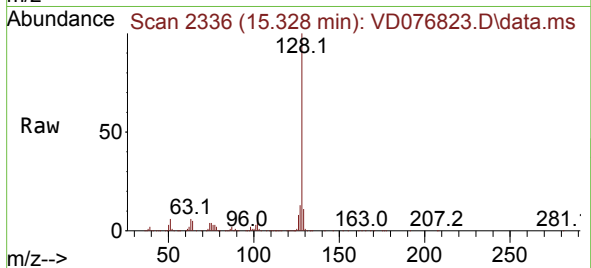
Tgt Ion:128 Resp: 3575671

Ion Ratio Lower Upper

128 100

127 13.0 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 57.284 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076823.D

Acq: 26 Jul 2023 23:25

Tgt Ion:180 Resp: 204626

Ion Ratio Lower Upper

180 100

182 91.8 47.3 141.9

145 33.1 15.1 45.3

