

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072623\
 Data File : VD076804.D
 Acq On : 26 Jul 2023 14:26
 Operator : KP/SY
 Sample : VD0726SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 04:22:13 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	207262	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	357779	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	328616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157141	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	96036	46.520	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.804	113	117469	52.248	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.500%
50) Toluene-d8	10.269	98	390796	48.588	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.180%
62) 4-Bromofluorobenzene	12.575	95	125204	48.120	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	96.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	34370	21.206	ug/l	93
3) Chloromethane	2.146	50	46408	16.599	ug/l	97
4) Vinyl Chloride	2.281	62	68160	18.288	ug/l	98
5) Bromomethane	2.681	94	57063	18.609	ug/l	99
6) Chloroethane	2.828	64	50699	18.017	ug/l	98
7) Trichlorofluoromethane	3.169	101	69699	21.017	ug/l	98
8) Diethyl Ether	3.587	74	20977	18.372	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.958	101	48629	22.308	ug/l	97
10) Methyl Iodide	4.158	142	46609	18.967	ug/l	92
11) Tert butyl alcohol	5.052	59	15681	101.793	ug/l #	85
12) 1,1-Dichloroethene	3.928	96	39907	19.485	ug/l	91
13) Acrolein	3.793	56	10952	104.327	ug/l	97
14) Allyl chloride	4.558	41	47371	17.607	ug/l	93
15) Acrylonitrile	5.257	53	51259	91.405	ug/l	96
16) Acetone	4.022	43	47026	95.383	ug/l	95
17) Carbon Disulfide	4.263	76	78542	16.419	ug/l	99
18) Methyl Acetate	4.558	43	36230	19.559	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	105802	19.264	ug/l	97
20) Methylene Chloride	4.793	84	77688	20.357	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	45817	19.245	ug/l	95
22) Diisopropyl ether	6.216	45	119336	18.731	ug/l	98
23) Vinyl Acetate	6.152	43	267587	84.887	ug/l	96
24) 1,1-Dichloroethane	6.116	63	84344	19.635	ug/l	98
25) 2-Butanone	7.081	43	64141	97.208	ug/l #	79
26) 2,2-Dichloropropane	7.069	77	80102	21.633	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	57079	19.449	ug/l	94
28) Bromochloromethane	7.428	49	23022	21.437	ug/l	85
29) Tetrahydrofuran	7.446	42	35136	90.126	ug/l	91
30) Chloroform	7.593	83	95889	20.381	ug/l	94
31) Cyclohexane	7.875	56	57870	19.048	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	81026	21.346	ug/l	99
36) 1,1-Dichloropropene	8.004	75	59339	20.198	ug/l	99
37) Ethyl Acetate	7.169	43	25743	19.593	ug/l	100
38) Carbon Tetrachloride	7.987	117	62808	22.327	ug/l	99
39) Methylcyclohexane	9.269	83	67664	19.946	ug/l	96
40) Benzene	8.246	78	186218	20.089	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	16343	20.369	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	51083	21.209	ug/l	96
43) Isopropyl Acetate	8.357	43	49901	19.461	ug/l #	79
44) Trichloroethene	9.028	130	53424	21.149	ug/l	98
45) 1,2-Dichloropropane	9.298	63	49035	20.492	ug/l	97
46) Dibromomethane	9.393	93	30255	21.601	ug/l	91
47) Bromodichloromethane	9.587	83	75035	21.348	ug/l	96
48) Methyl methacrylate	9.381	41	21525	18.444	ug/l #	84
49) 1,4-Dioxane	9.381	88	6603	367.951	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	132322	96.923	ug/l	94
52) Toluene	10.334	92	123724	20.322	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	63668	19.515	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	77356	20.119	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	42813	20.932	ug/l	98
56) Ethyl methacrylate	10.598	69	44328	18.778	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	65974	19.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	95079	104.051	ug/l	99
59) 2-Hexanone	10.922	43	99288	101.922	ug/l	90
60) Dibromochloromethane	11.075	129	50710	21.342	ug/l	98
61) 1,2-Dibromoethane	11.181	107	39792	20.985	ug/l	97
64) Tetrachloroethene	10.810	164	45313	24.182	ug/l	97
65) Chlorobenzene	11.610	112	141207	21.365	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	54086	21.981	ug/l	95
67) Ethyl Benzene	11.681	91	240326	20.705	ug/l	95
68) m/p-Xylenes	11.792	106	186814	41.908	ug/l	93
69) o-Xylene	12.122	106	86857	20.149	ug/l	92
70) Styrene	12.134	104	152428	20.199	ug/l	97
71) Bromoform	12.298	173	29454	21.856	ug/l #	97
73) Isopropylbenzene	12.422	105	234904	20.604	ug/l	96
74) N-amyl acetate	12.234	43	47865	19.929	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	49801	20.345	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	57396	38.408	ug/l #	100
77) Bromobenzene	12.704	156	55354	21.034	ug/l	89
78) n-propylbenzene	12.763	91	296161	21.427	ug/l	95
79) 2-Chlorotoluene	12.851	91	159004	20.981	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	196202	21.283	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13851	19.726	ug/l	98
82) 4-Chlorotoluene	12.945	91	165223	20.869	ug/l	96
83) tert-Butylbenzene	13.169	119	170981	21.065	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	190082	20.177	ug/l	98
85) sec-Butylbenzene	13.345	105	271301	21.877	ug/l	95
86) p-Isopropyltoluene	13.463	119	214741	20.967	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	114086	21.077	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	114359	21.564	ug/l	97
89) n-Butylbenzene	13.786	91	211636	21.117	ug/l	99
90) Hexachloroethane	14.051	117	43075	22.749	ug/l	92
91) 1,2-Dichlorobenzene	13.833	146	101370	21.254	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6411	18.368	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	62342	21.410	ug/l	95
94) Hexachlorobutadiene	15.198	225	32521	23.222	ug/l	100
95) Naphthalene	15.328	128	120679	19.141	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	55603	21.279	ug/l	98

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

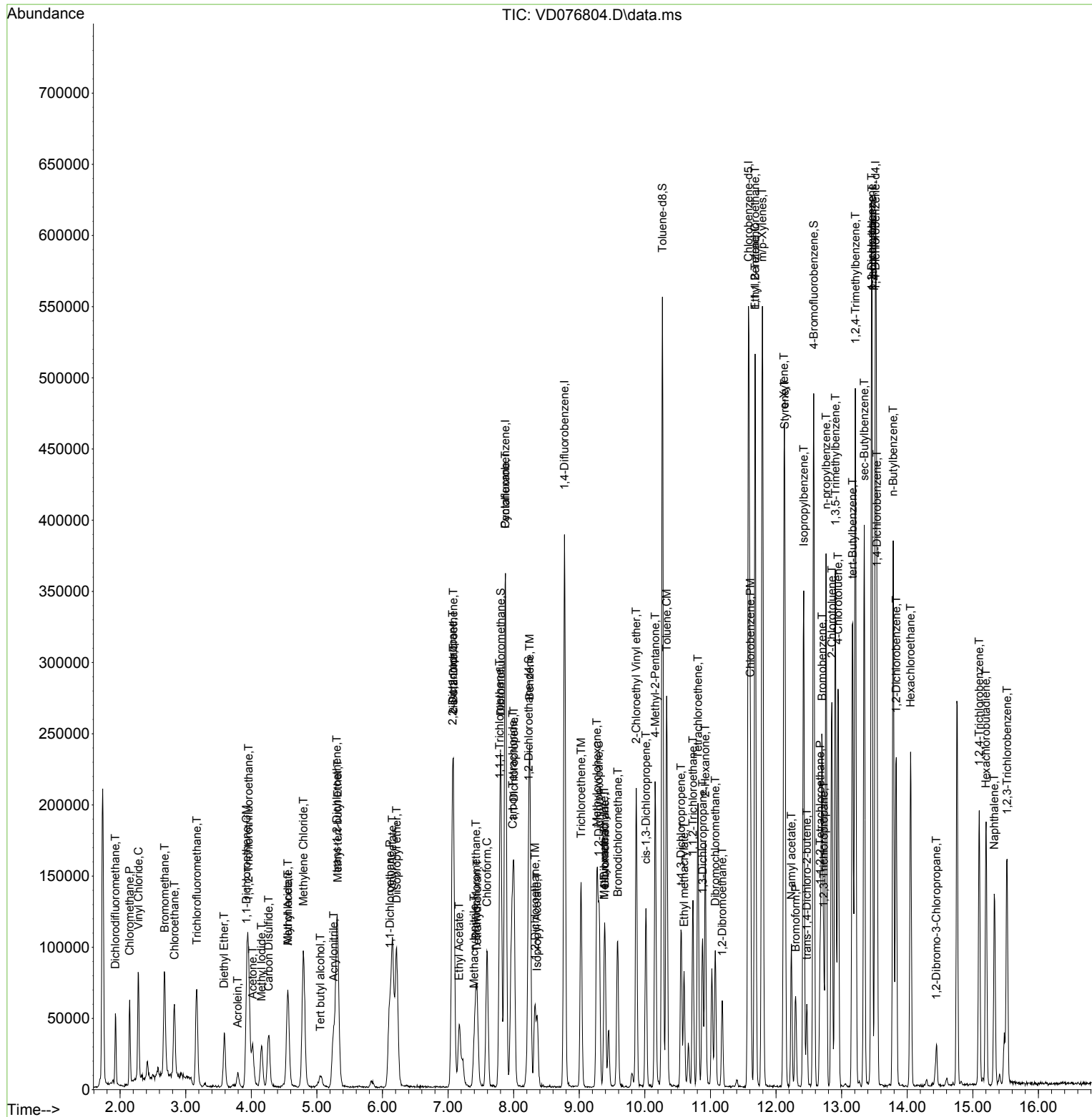
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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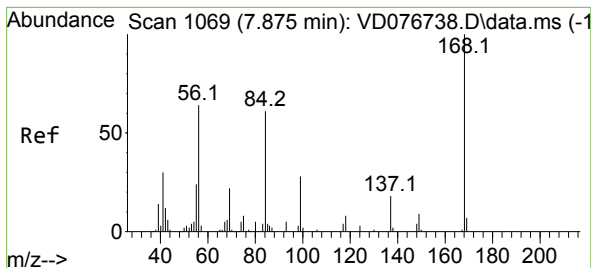
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076804.D

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Instrument :

MSVOA_D

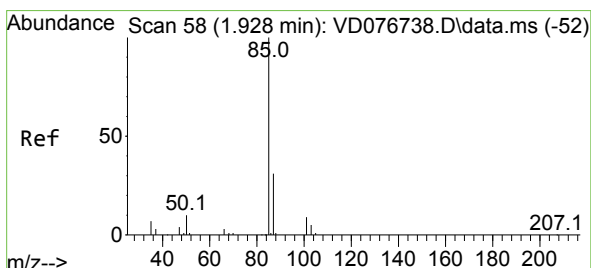
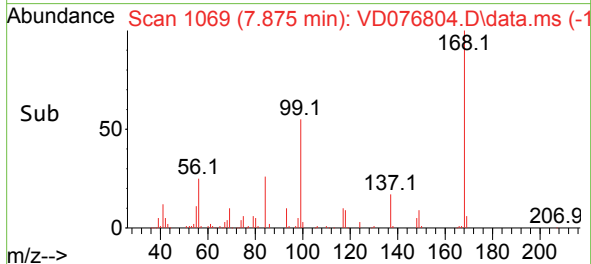
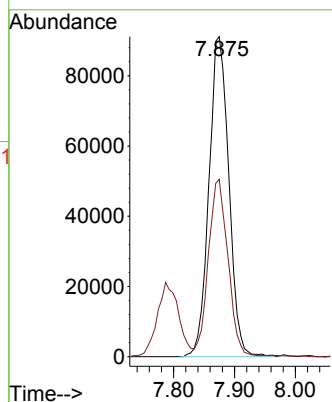
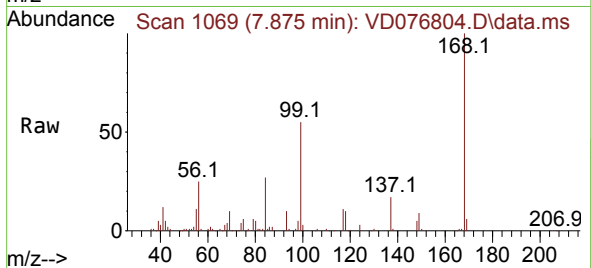
ClientSampleId :

Tgt Ion:168 Resp: 207262

Ion Ratio Lower Upper

168 100

99 55.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.206 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD076804.D

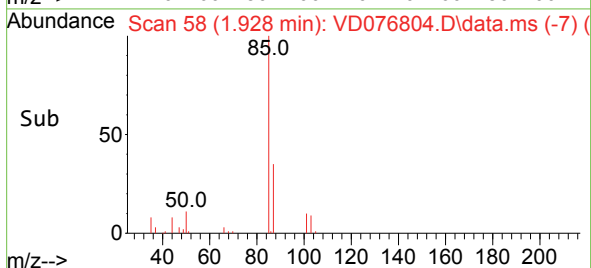
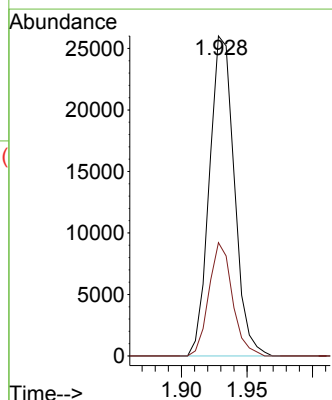
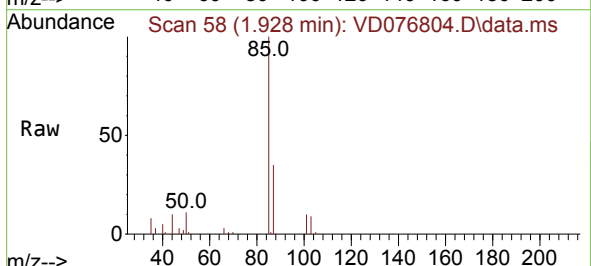
Acq: 26 Jul 2023 14:26

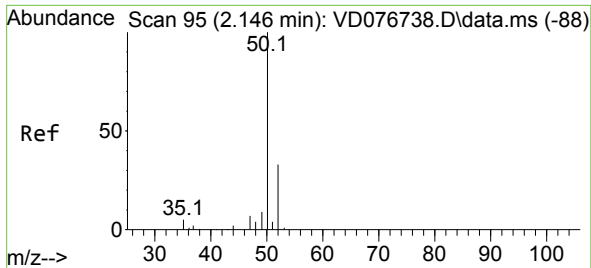
Tgt Ion: 85 Resp: 34370

Ion Ratio Lower Upper

85 100

87 35.4 15.7 47.0

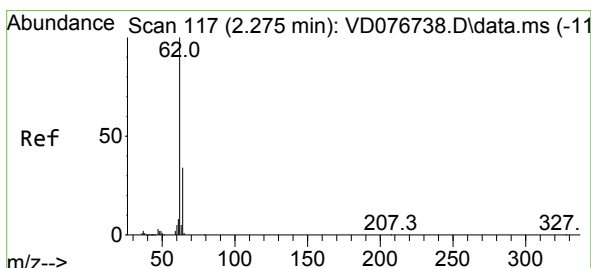
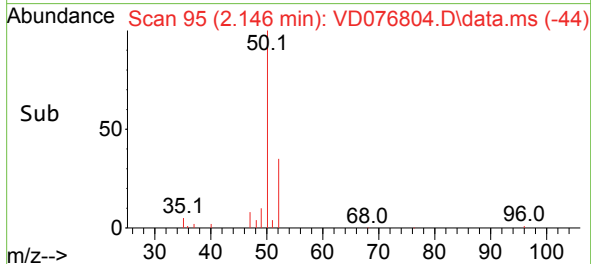
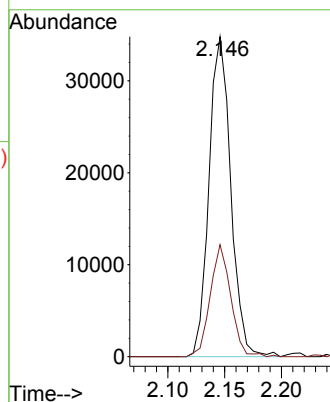
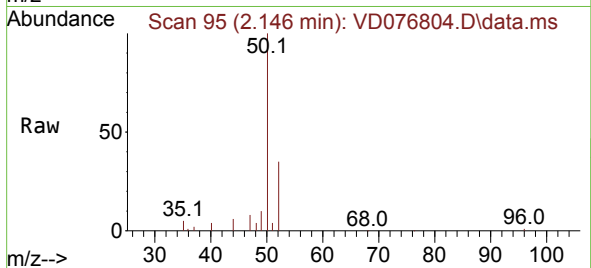




#3
Chloromethane
Concen: 16.599 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

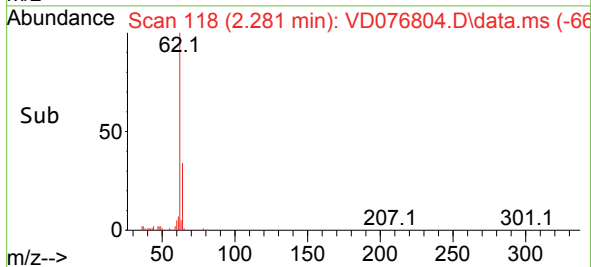
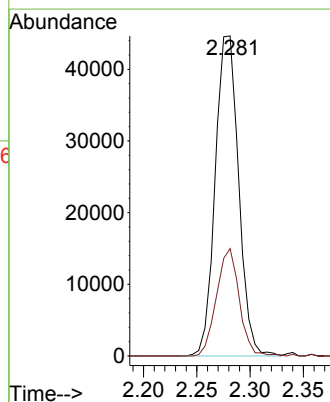
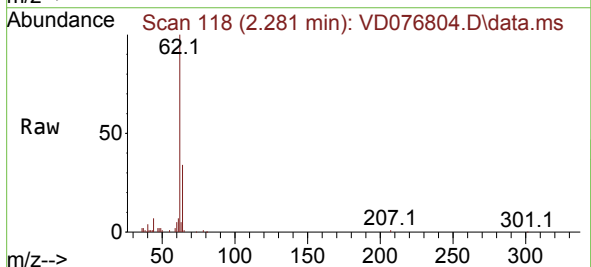
Instrument :
MSVOA_D
ClientSampleId :

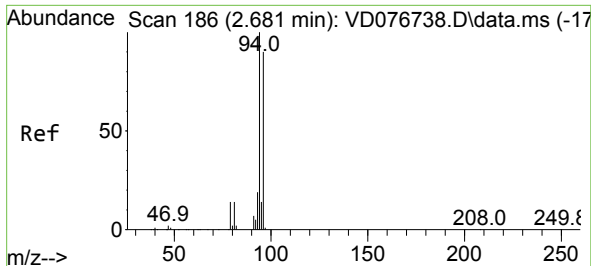
Tgt Ion: 50 Resp: 46408
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 18.288 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 62 Resp: 68160
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0

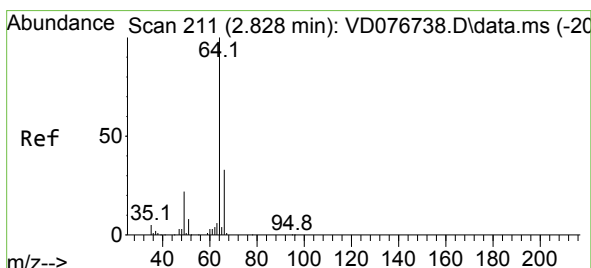
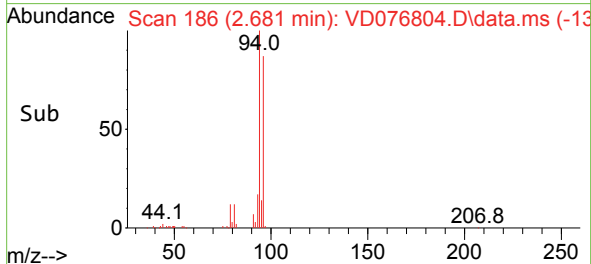
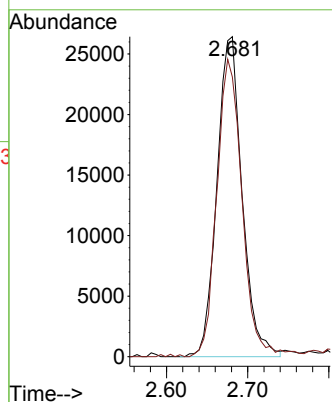
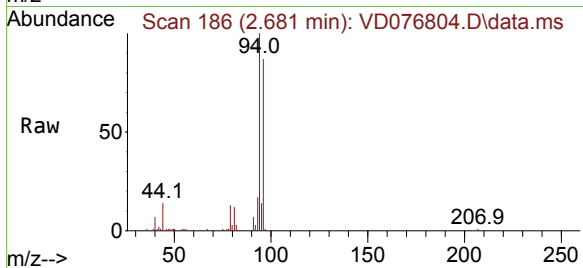




#5
Bromomethane
Concen: 18.609 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076804.D
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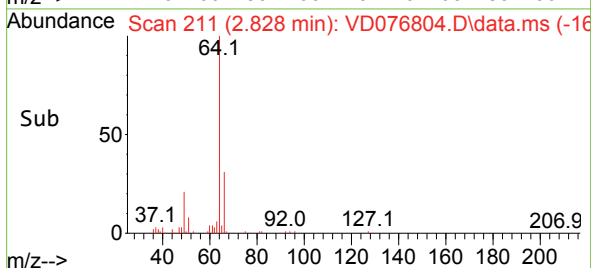
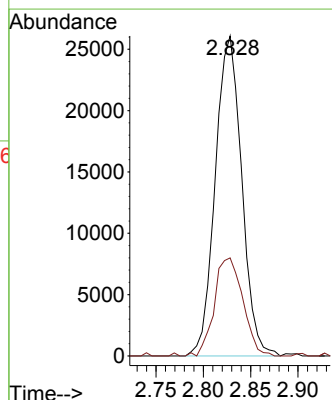
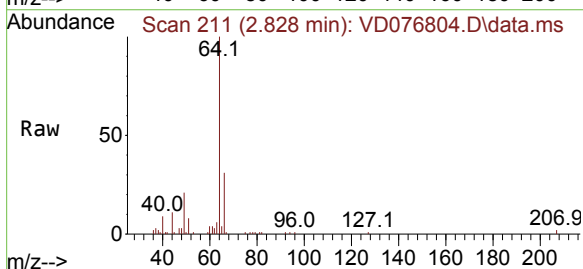
Instrument :
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ClientSampleId :

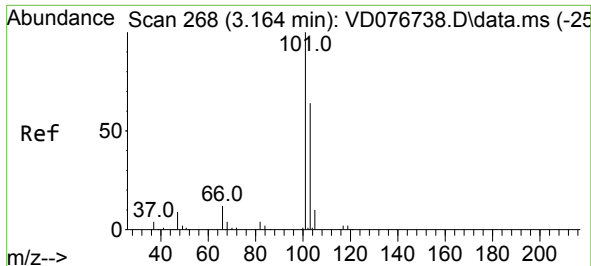
Tgt Ion: 94 Resp: 57063
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8



#6
Chloroethane
Concen: 18.017 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 64 Resp: 50699
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

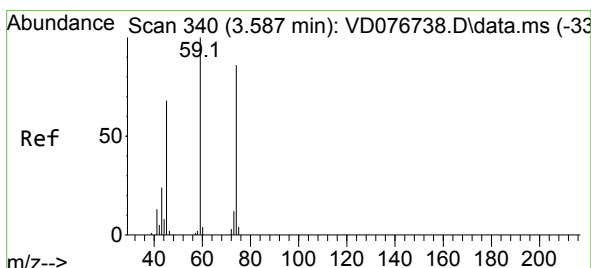
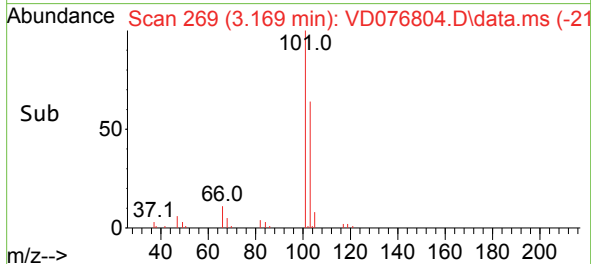
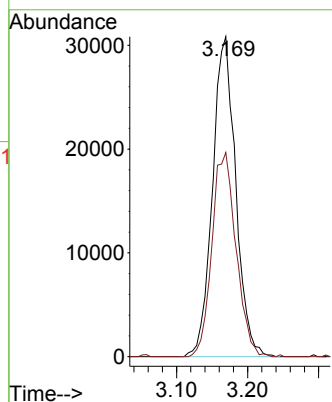
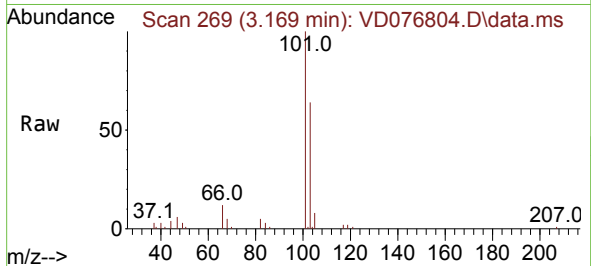




#7
Trichlorofluoromethane
Concen: 21.017 ug/l
RT: 3.169 min Scan# 20
Delta R.T. 0.005 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

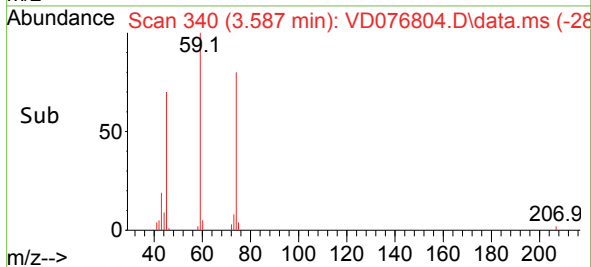
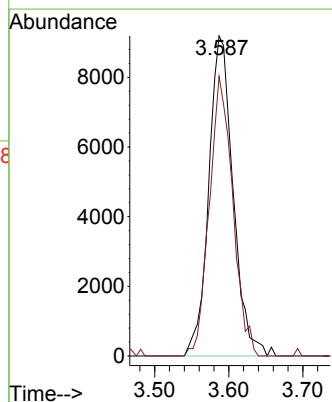
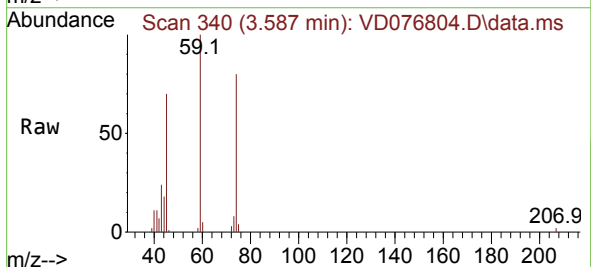
Instrument :
MSVOA_D
ClientSampleId :

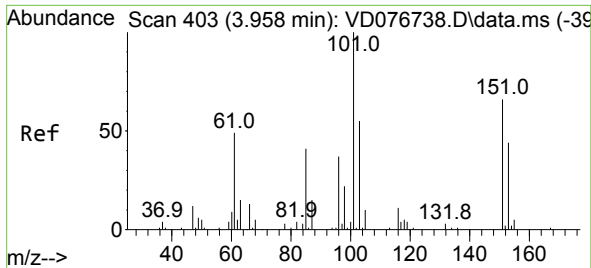
Tgt Ion:101 Resp: 69699
Ion Ratio Lower Upper
101 100
103 63.8 52.3 78.5



#8
Diethyl Ether
Concen: 18.372 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD076804.D
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Tgt Ion: 74 Resp: 20977
Ion Ratio Lower Upper
74 100
45 84.2 37.5 112.7

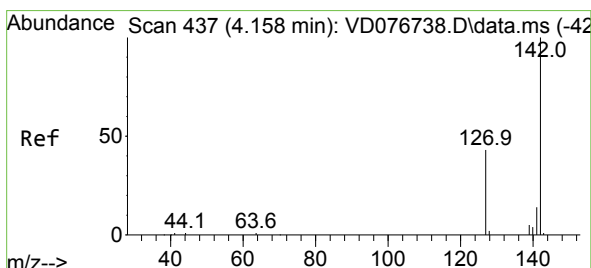
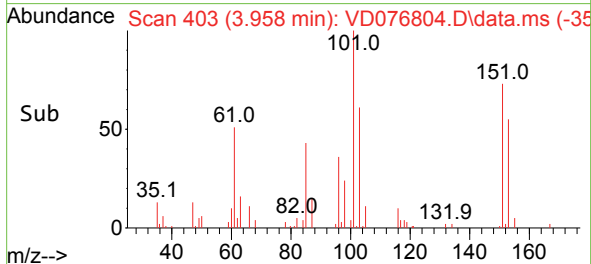
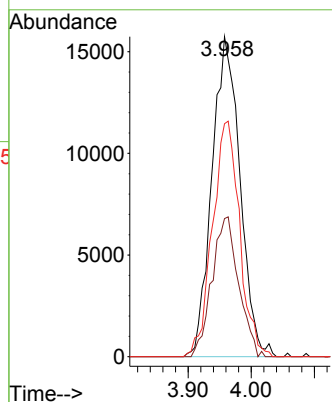
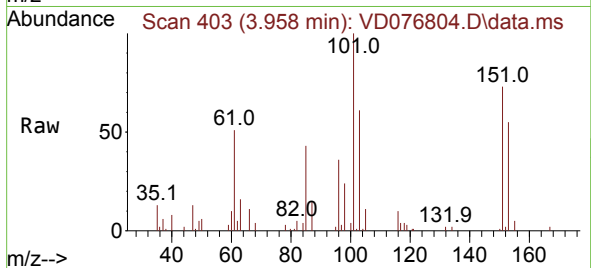




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.308 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

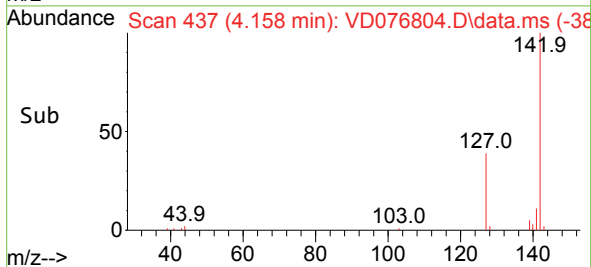
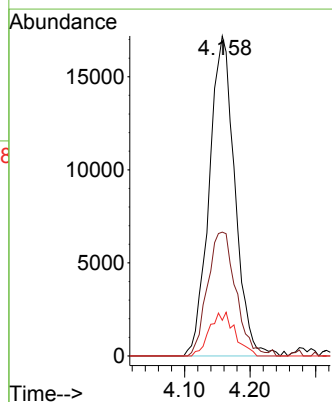
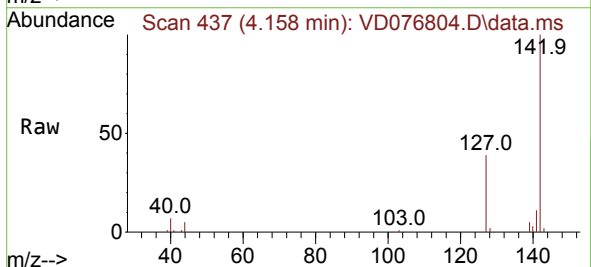
Instrument :
MSVOA_D
ClientSampleId :

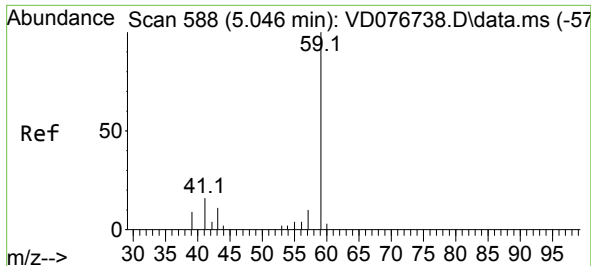
Tgt Ion:101 Resp: 48629
Ion Ratio Lower Upper
101 100
85 41.5 33.8 50.6
151 71.2 59.8 89.6



#10
Methyl Iodide
Concen: 18.967 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion:142 Resp: 46609
Ion Ratio Lower Upper
142 100
127 43.0 29.4 44.0
141 13.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 101.793 ug/l

RT: 5.052 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

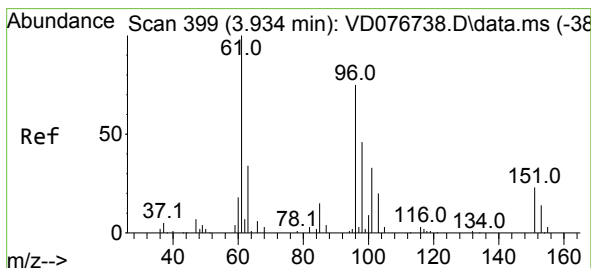
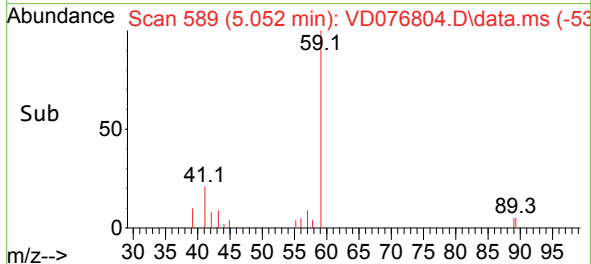
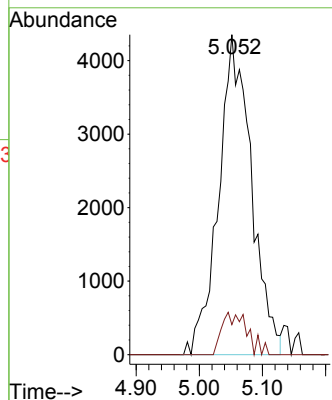
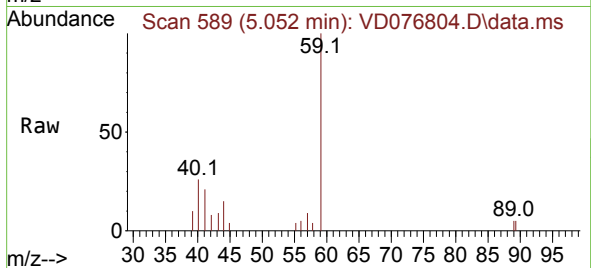
ClientSampleId :

Tgt Ion: 59 Resp: 15681

Ion Ratio Lower Upper

59 100

57 4.4 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 19.485 ug/l

RT: 3.928 min Scan# 398

Delta R.T. -0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

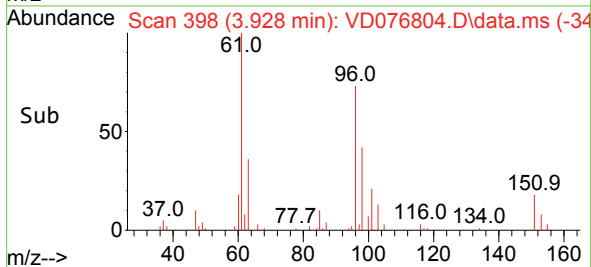
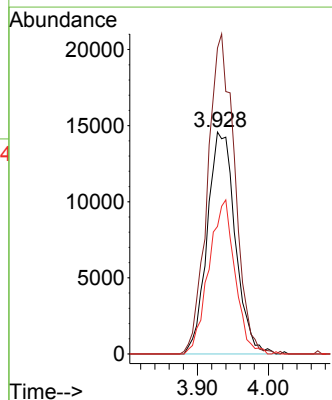
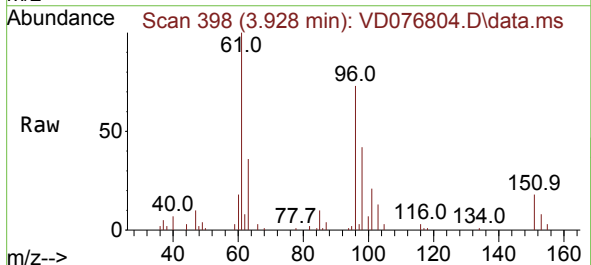
Tgt Ion: 96 Resp: 39907

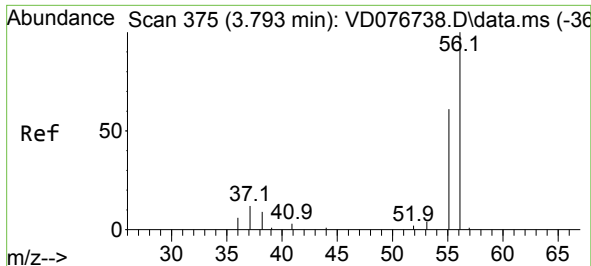
Ion Ratio Lower Upper

96 100

61 137.8 100.6 150.8

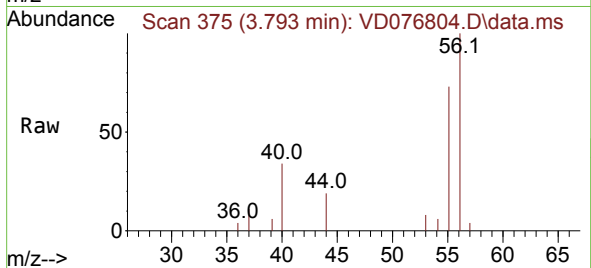
98 57.4 50.2 75.2



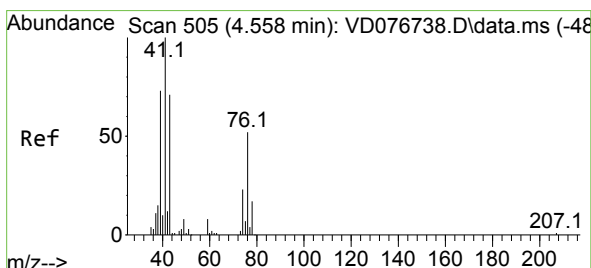
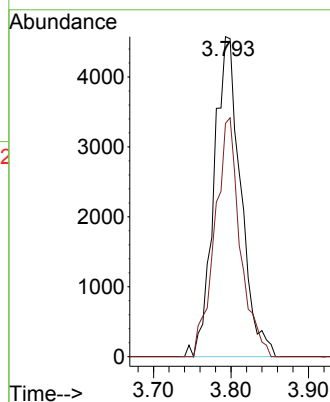
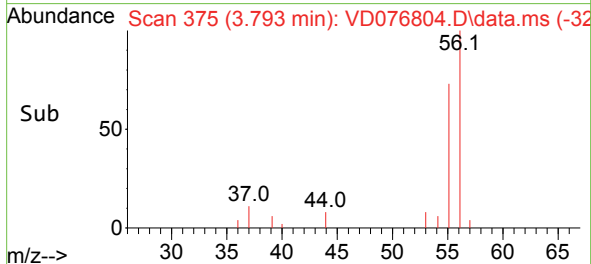


#13
Acrolein
Concen: 104.327 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :

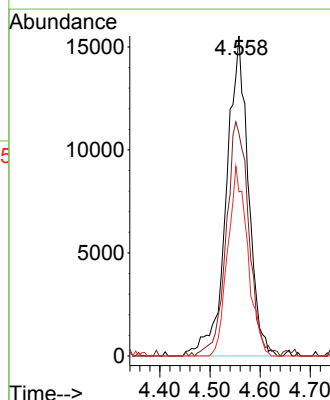
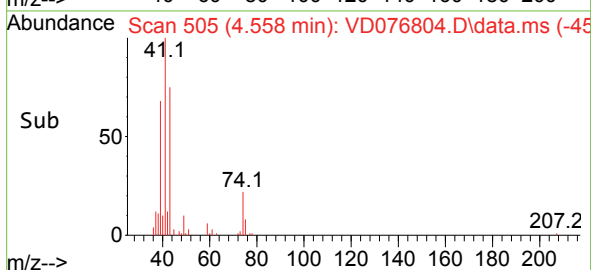
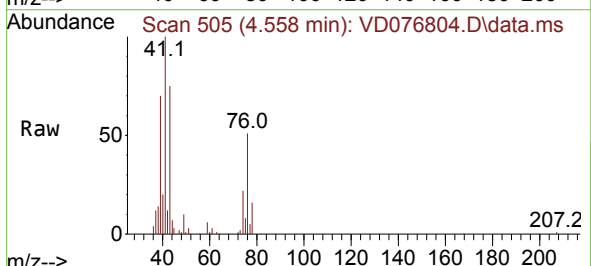


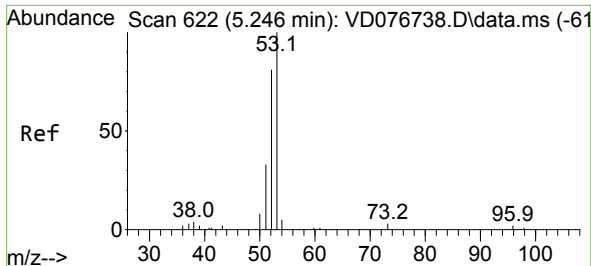
Tgt Ion: 56 Resp: 10952
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 17.607 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 41 Resp: 47371
Ion Ratio Lower Upper
41 100
39 75.1 53.8 80.6
76 54.0 45.8 68.8

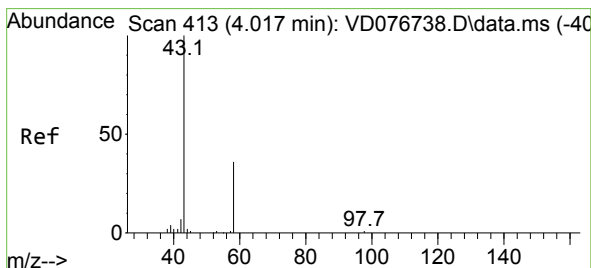
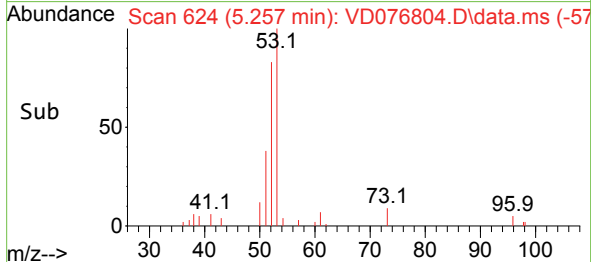
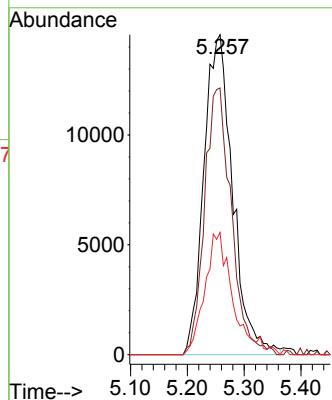
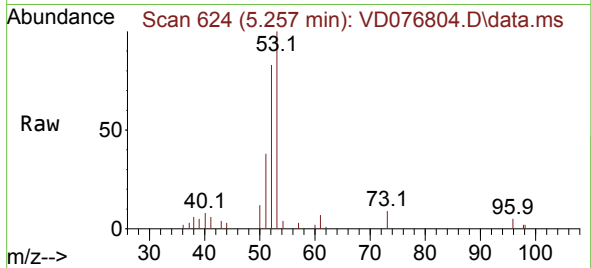




#15
Acrylonitrile
Concen: 91.405 ug/l
RT: 5.257 min Scan# 61
Delta R.T. 0.011 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

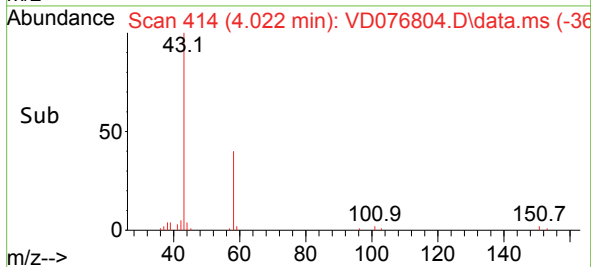
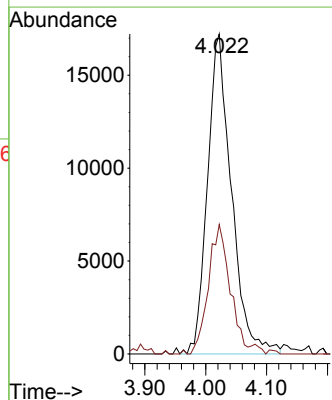
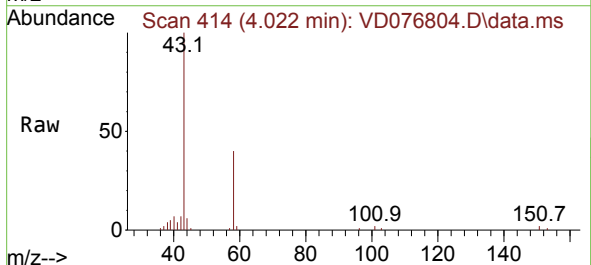
Instrument :
MSVOA_D
ClientSampleId :

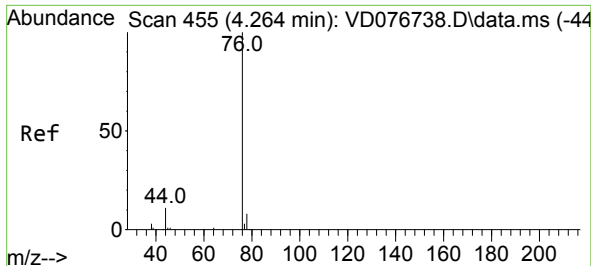
Tgt Ion: 53 Resp: 51259
Ion Ratio Lower Upper
53 100
52 77.4 65.0 97.4
51 36.8 28.3 42.5



#16
Acetone
Concen: 95.383 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 43 Resp: 47026
Ion Ratio Lower Upper
43 100
58 40.5 34.7 52.1

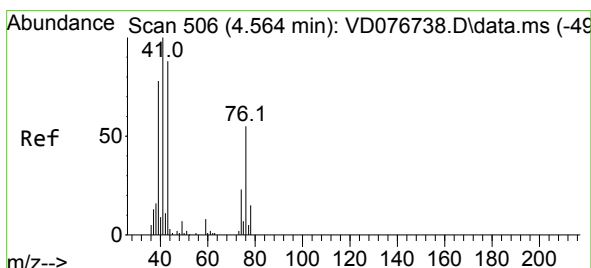
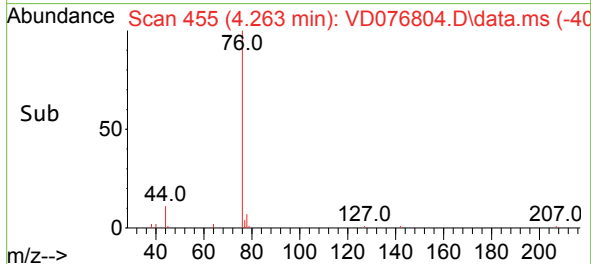
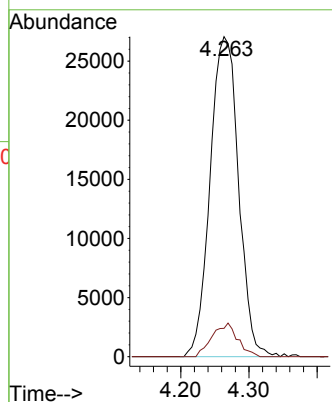
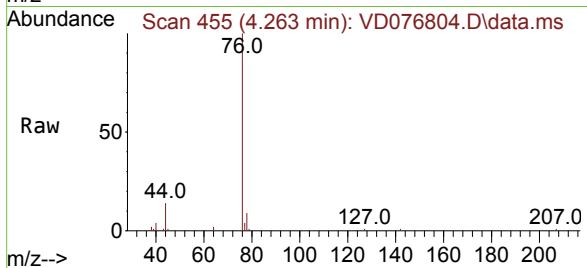




#17
Carbon Disulfide
Concen: 16.419 ug/l
RT: 4.263 min Scan# 417
Delta R.T. -0.001 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

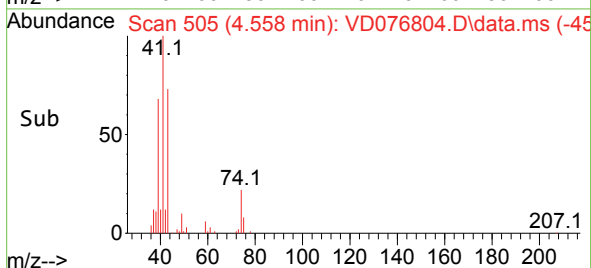
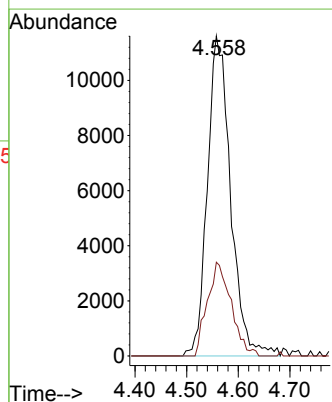
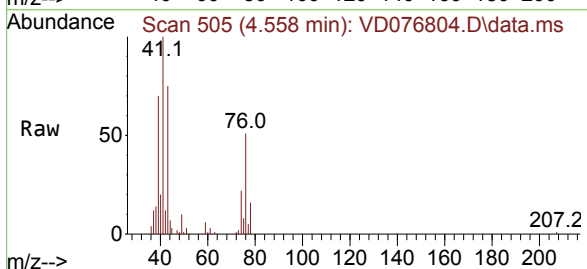
Instrument :
MSVOA_D
ClientSampleId :

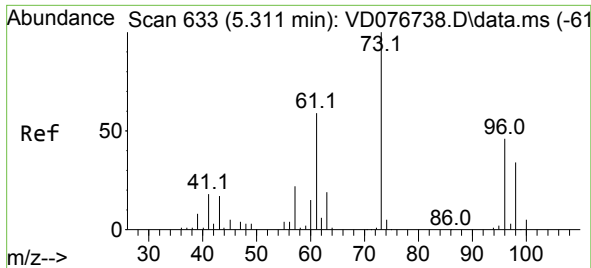
Tgt Ion: 76 Resp: 78542
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 19.559 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 43 Resp: 36230
Ion Ratio Lower Upper
43 100
74 30.0 26.4 39.6

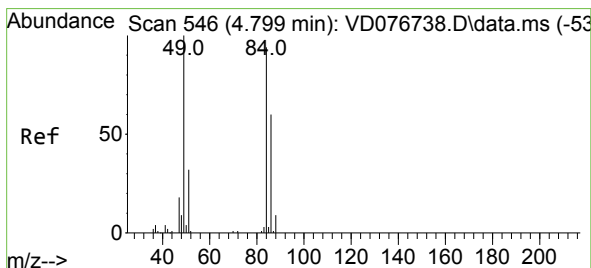
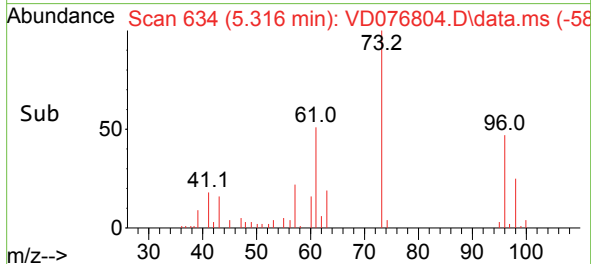
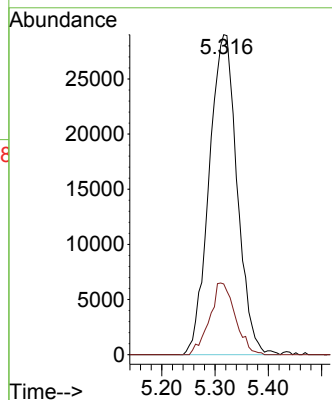
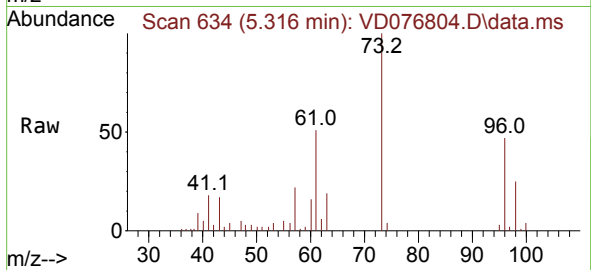




#19
Methyl tert-butyl Ether
Concen: 19.264 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

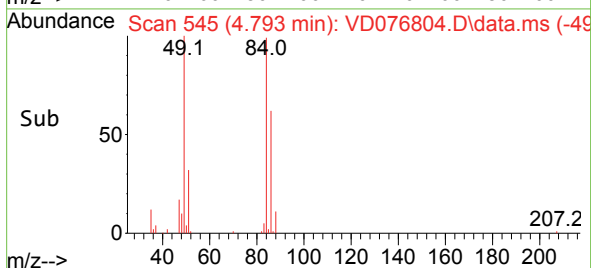
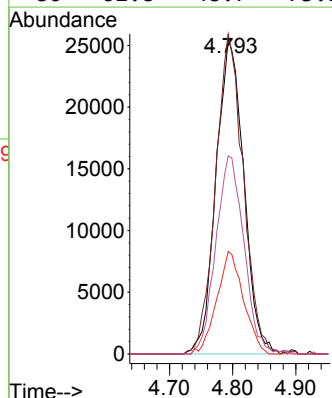
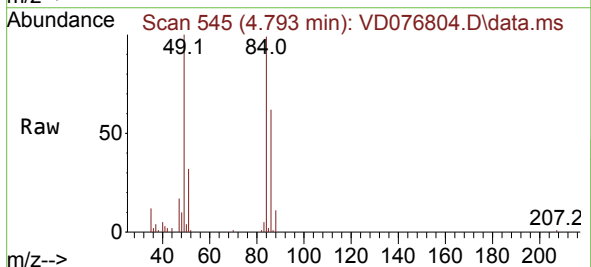
Instrument :
MSVOA_D
ClientSampleId :

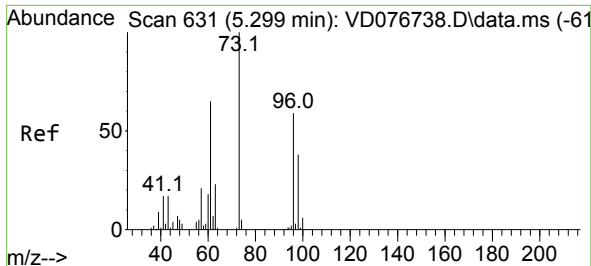
Tgt Ion: 73 Resp: 105802
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0



#20
Methylene Chloride
Concen: 20.357 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 84 Resp: 77688
Ion Ratio Lower Upper
84 100
49 101.4 71.4 107.2
51 32.5 24.5 36.7
86 62.8 48.7 73.1

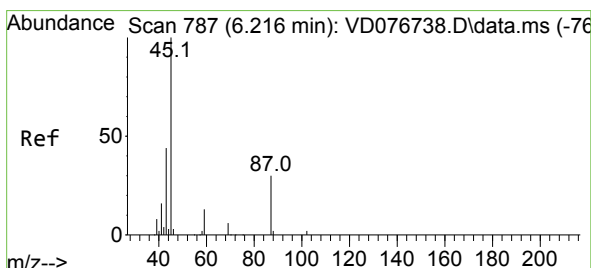
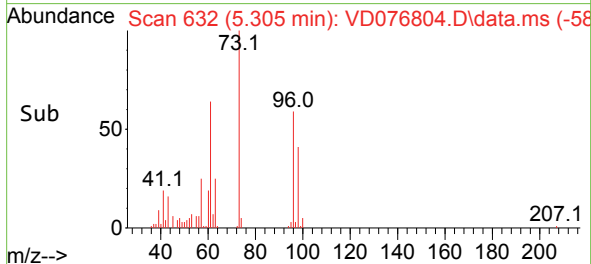
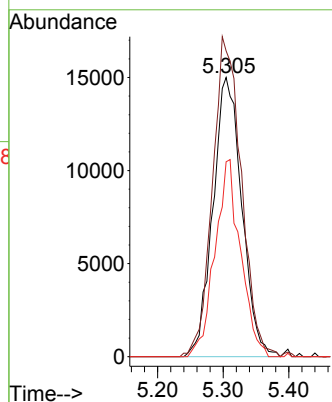
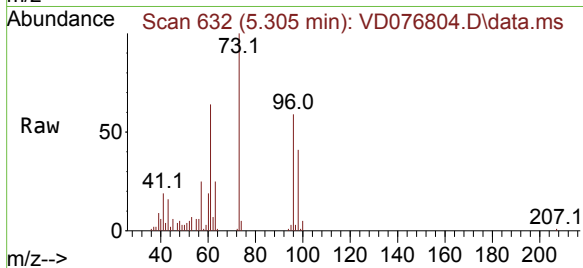




#21
trans-1,2-Dichloroethene
Concen: 19.245 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

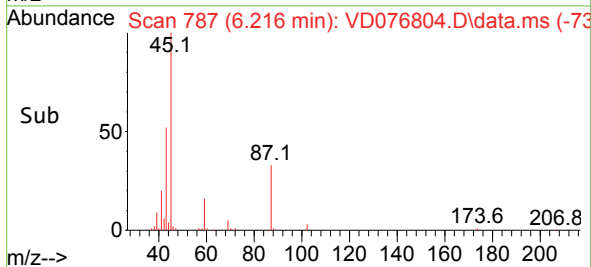
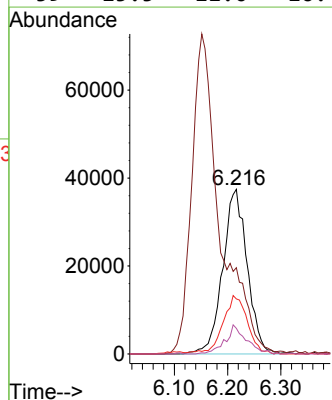
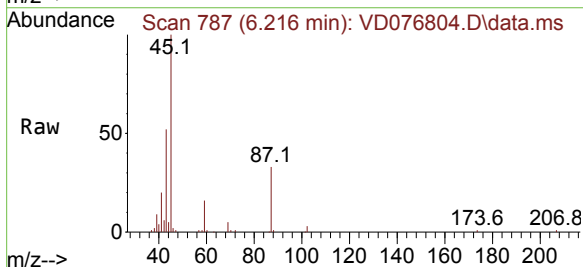
Instrument :
MSVOA_D
ClientSampleId :

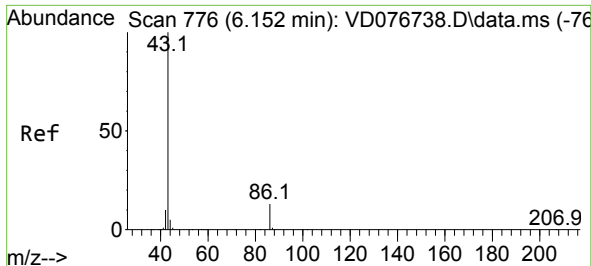
Tgt Ion: 96 Resp: 45817
Ion Ratio Lower Upper
96 100
61 109.5 89.3 133.9
98 69.8 48.6 73.0



#22
Diisopropyl ether
Concen: 18.731 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 45 Resp: 119336
Ion Ratio Lower Upper
45 100
43 50.6 40.0 60.0
87 33.5 28.2 42.4
59 15.5 11.0 16.4

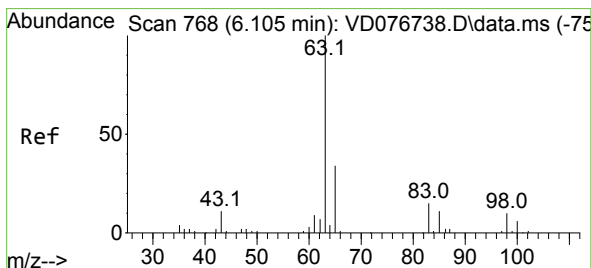
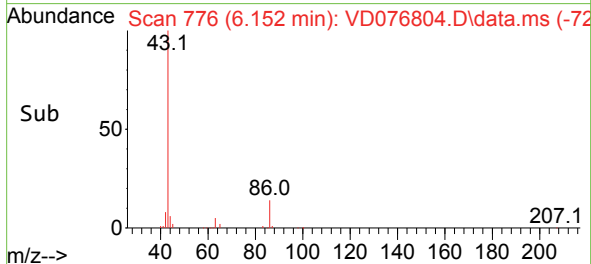
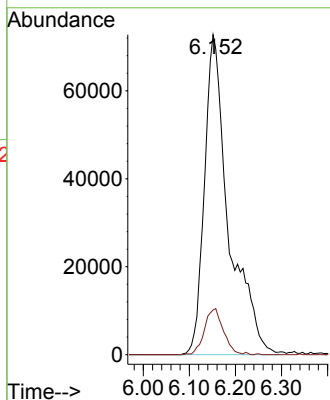
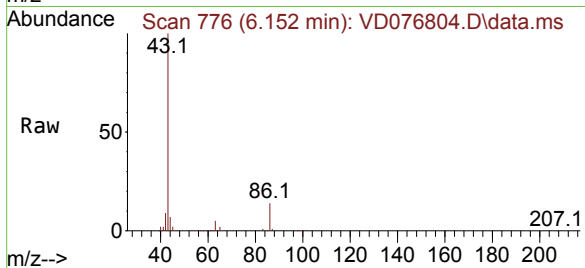




#23
 Vinyl Acetate
 Concen: 84.887 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

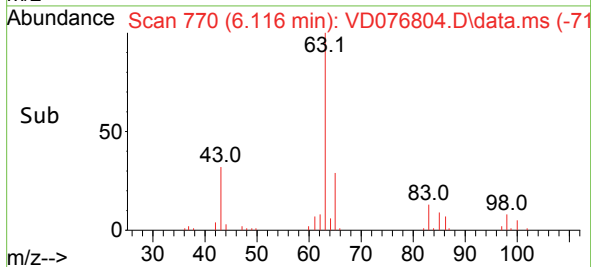
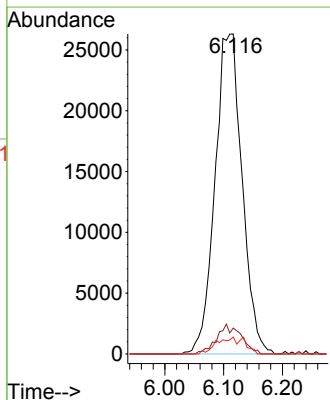
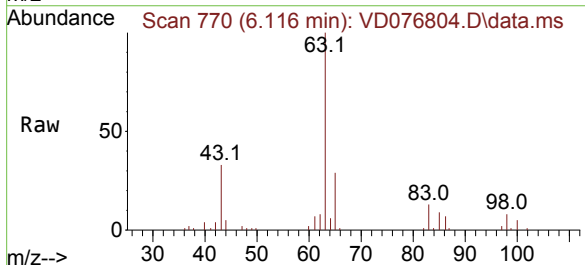
Instrument :
 MSVOA_D
 ClientSampleId :

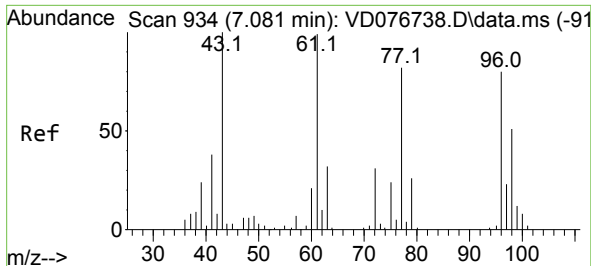
Tgt Ion: 43 Resp: 267587
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 19.635 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.011 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Tgt Ion: 63 Resp: 84344
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 97.208 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

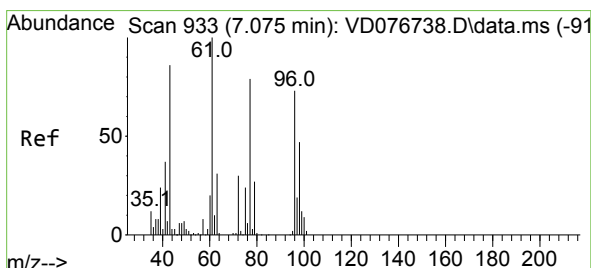
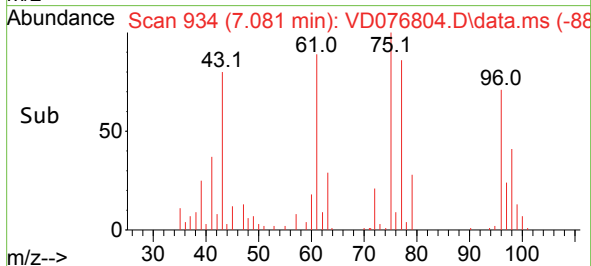
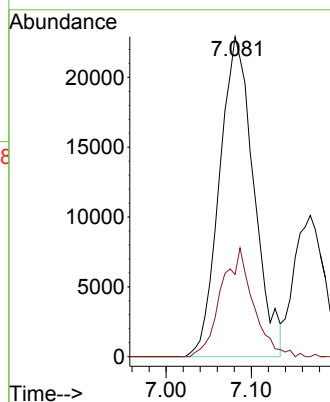
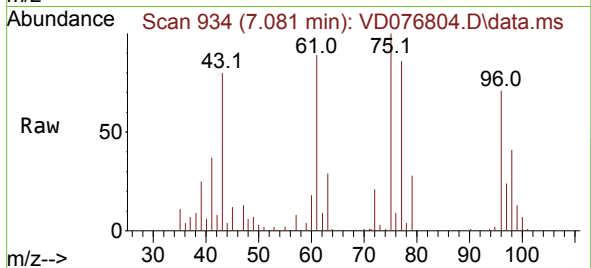
ClientSampleId :

Tgt Ion: 43 Resp: 64141

Ion Ratio Lower Upper

43 100

72 25.7 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 21.633 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076804.D

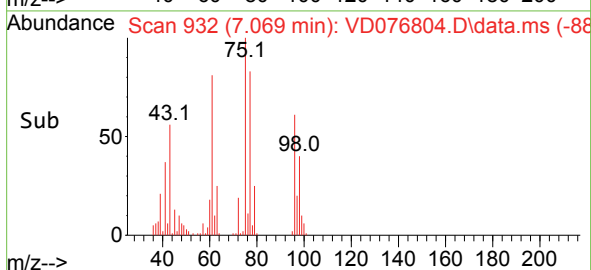
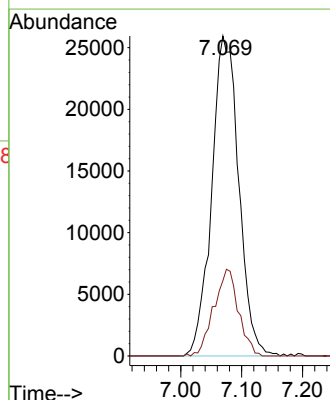
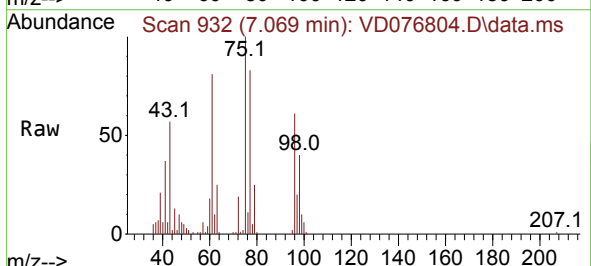
Acq: 26 Jul 2023 14:26

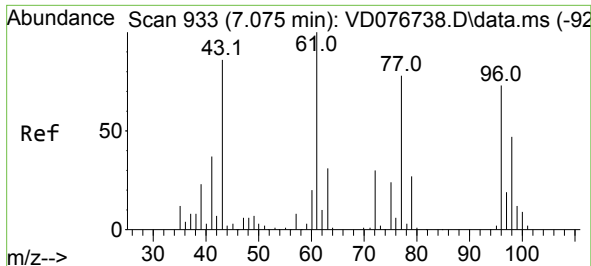
Tgt Ion: 77 Resp: 80102

Ion Ratio Lower Upper

77 100

97 24.6 13.2 39.6

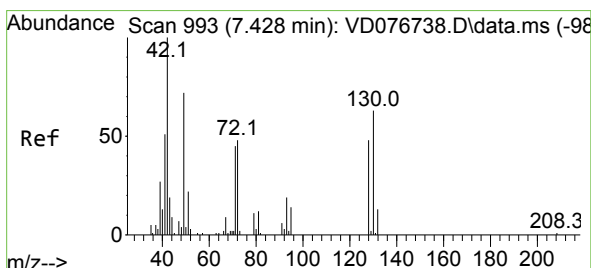
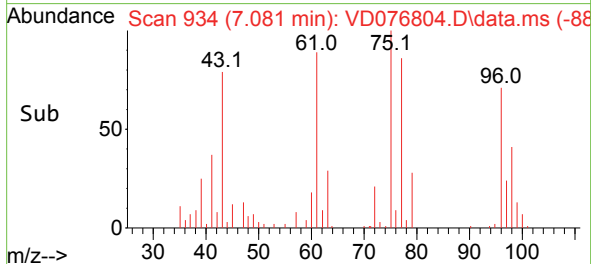
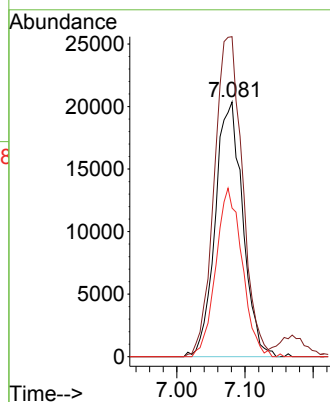
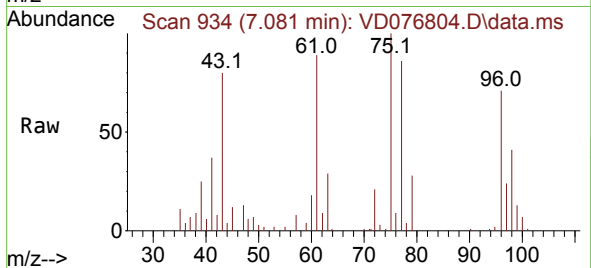




#27
 cis-1,2-Dichloroethene
 Concen: 19.449 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

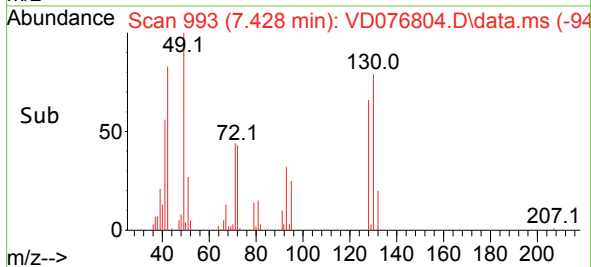
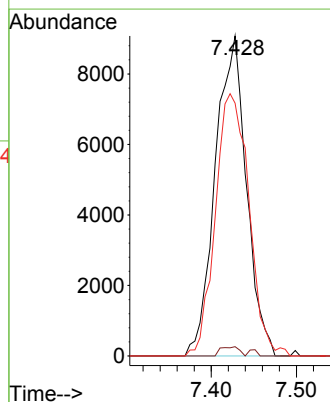
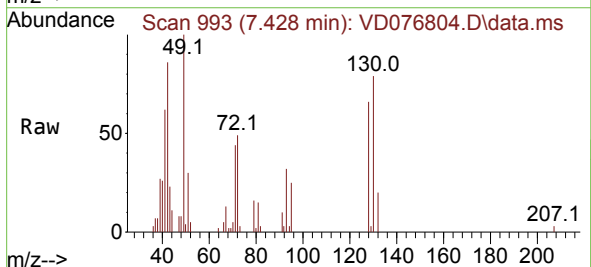
Instrument :
 MSVOA_D
 ClientSampleId :

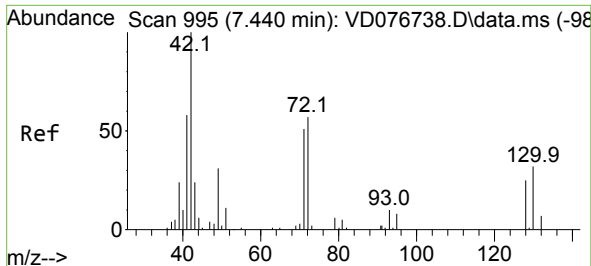
Tgt Ion: 96 Resp: 57079
 Ion Ratio Lower Upper
 96 100
 61 129.1 0.0 239.2
 98 63.4 0.0 128.6



#28
 Bromochloromethane
 Concen: 21.437 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

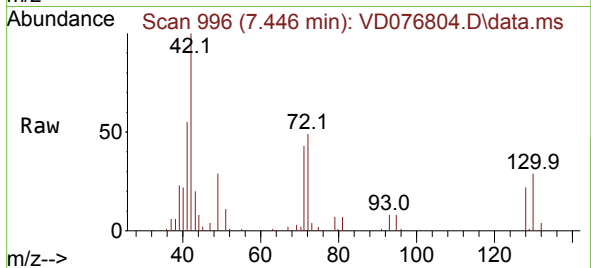
Tgt Ion: 49 Resp: 23022
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 88.4 83.2 124.8



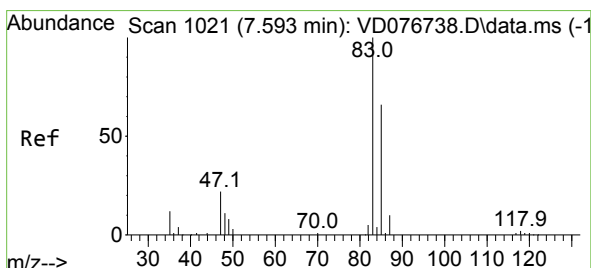
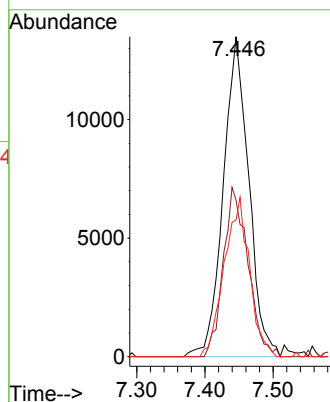
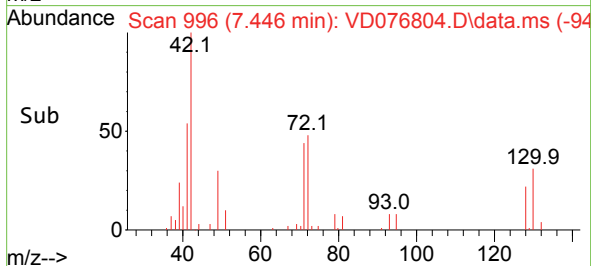


#29
Tetrahydrofuran
Concen: 90.126 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :

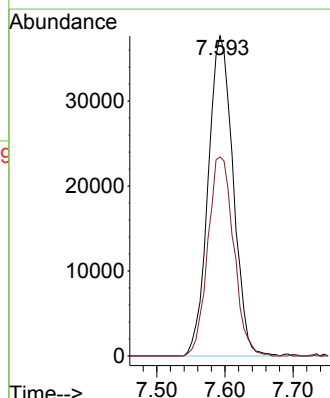
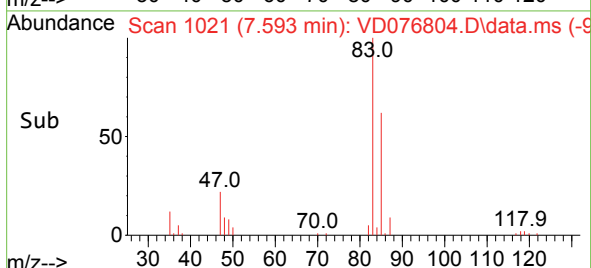
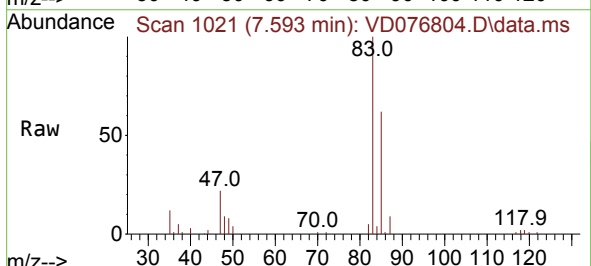


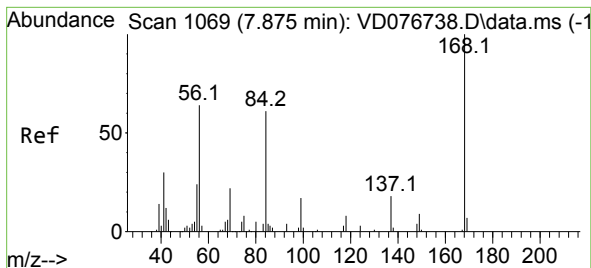
Tgt Ion: 42 Resp: 35136
Ion Ratio Lower Upper
42 100
72 51.3 46.5 69.7
71 49.3 44.5 66.7



#30
Chloroform
Concen: 20.381 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 83 Resp: 95889
Ion Ratio Lower Upper
83 100
85 62.2 53.4 80.2





#31

Cyclohexane

Concen: 19.048 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

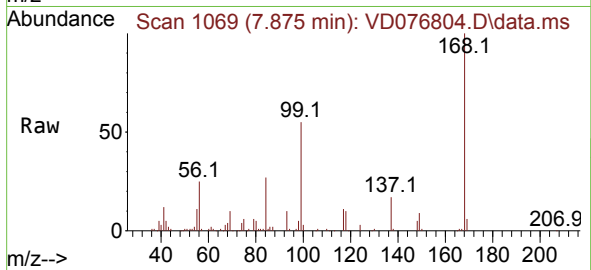
Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :



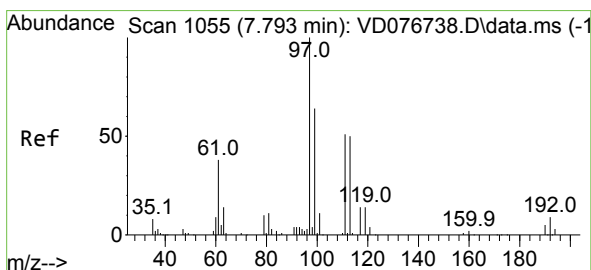
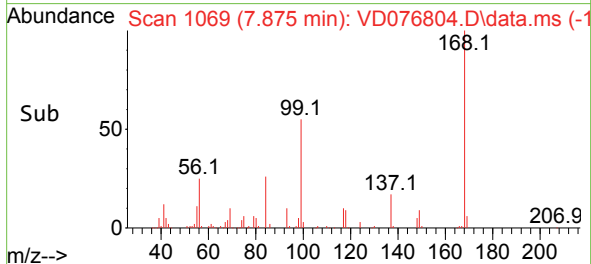
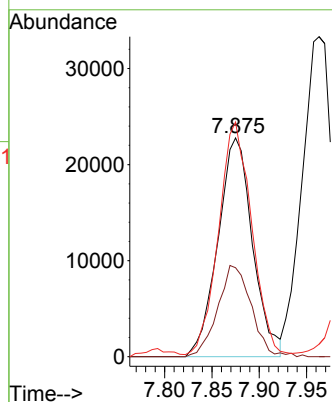
Tgt Ion: 56 Resp: 57870

Ion Ratio Lower Upper

56 100

69 40.7 28.6 43.0

84 106.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.346 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

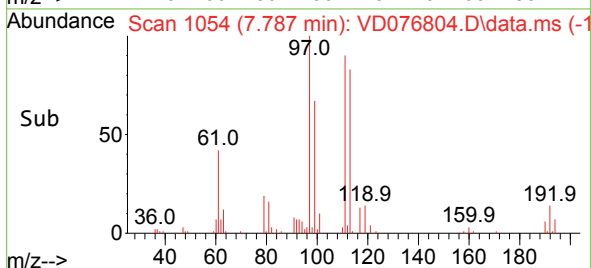
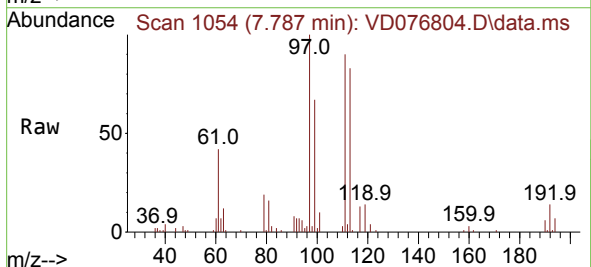
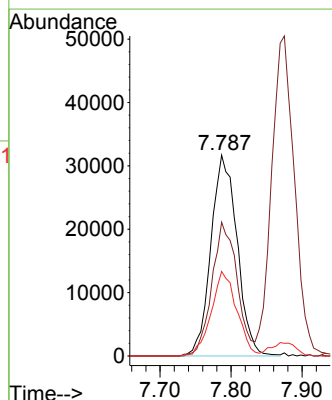
Tgt Ion: 97 Resp: 81026

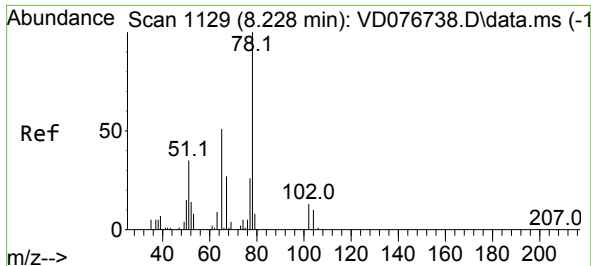
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.520 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

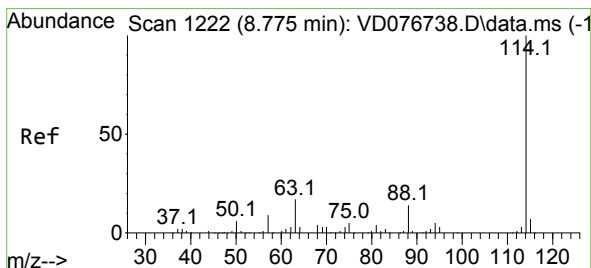
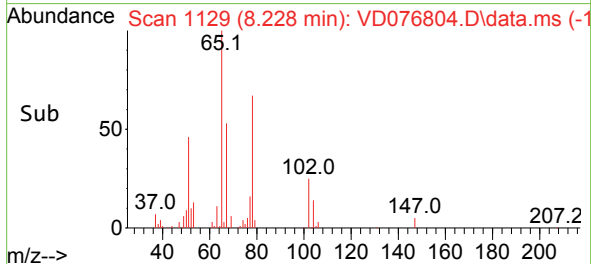
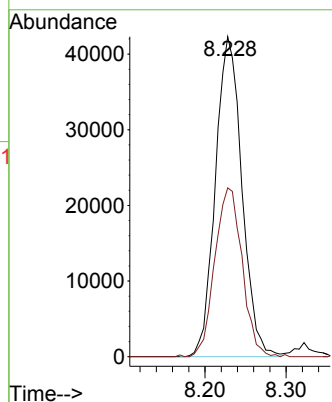
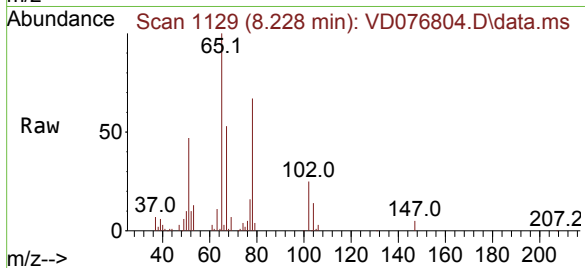
ClientSampleId :

Tgt Ion: 65 Resp: 96036

Ion Ratio Lower Upper

65 100

67 54.3 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: VD076804.D

Acq: 26 Jul 2023 14:26

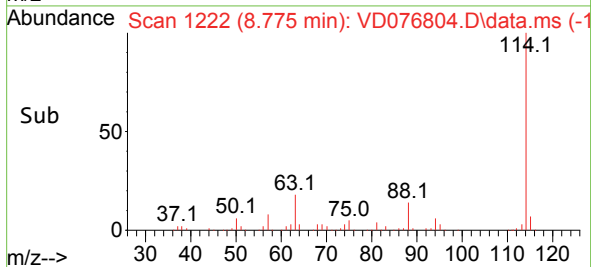
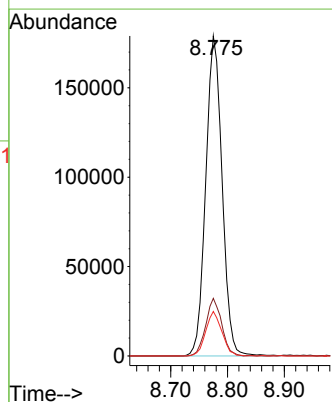
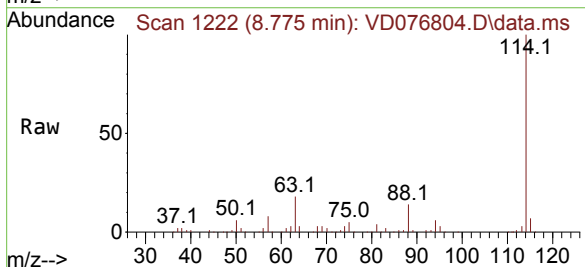
Tgt Ion: 114 Resp: 357779

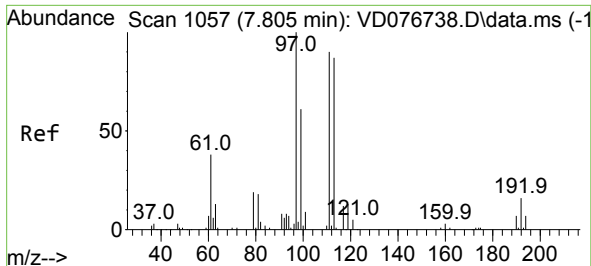
Ion Ratio Lower Upper

114 100

63 18.0 0.0 33.4

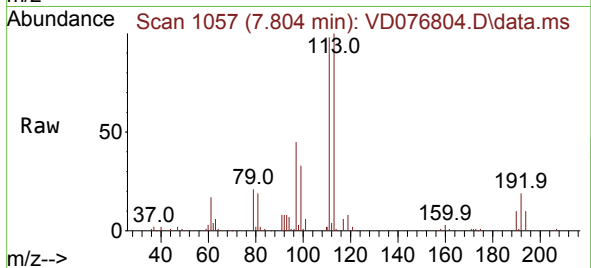
88 13.9 0.0 26.2



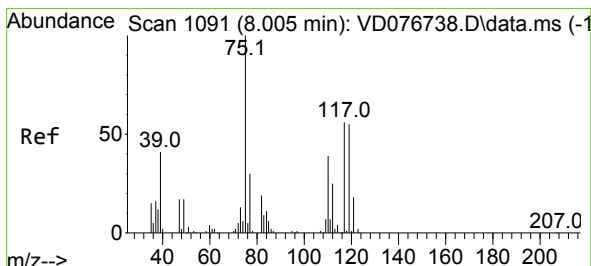
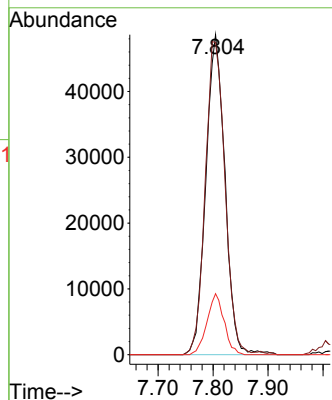
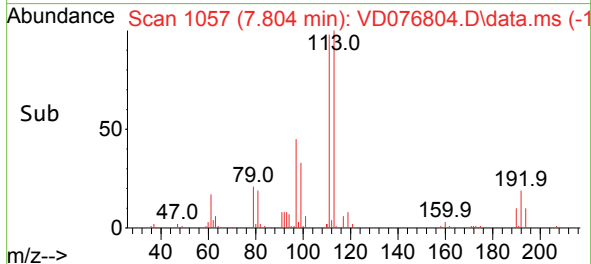


#35
Dibromofluoromethane
Concen: 52.248 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :

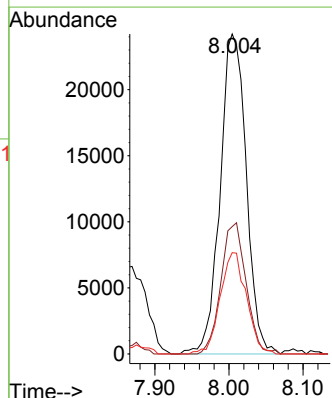
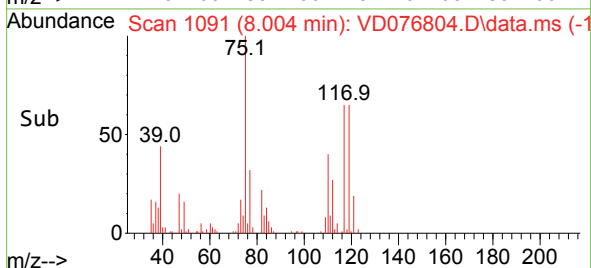
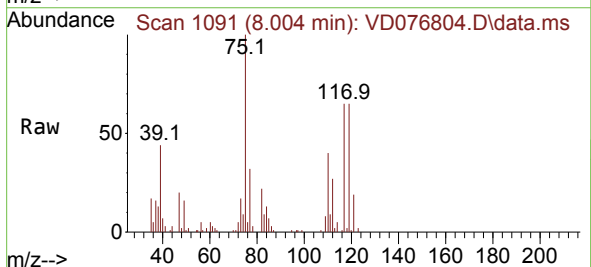


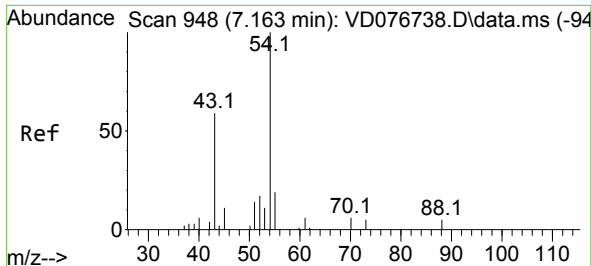
Tgt Ion:113 Resp: 117469
Ion Ratio Lower Upper
113 100
111 100.5 84.7 127.1
192 17.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 20.198 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 75 Resp: 59339
Ion Ratio Lower Upper
75 100
110 39.5 19.9 59.6
77 31.9 24.7 37.1





#37

Ethyl Acetate

Concen: 19.593 ug/l

RT: 7.169 min Scan# 94

Delta R.T. 0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

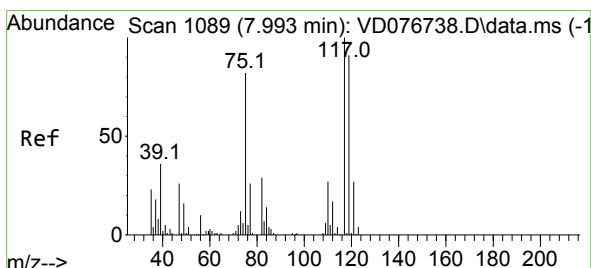
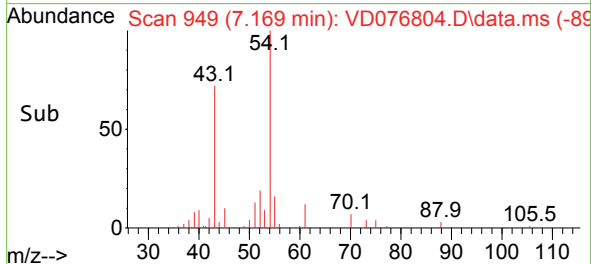
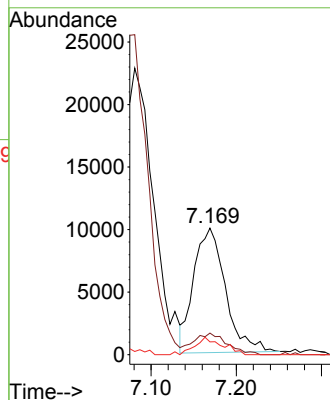
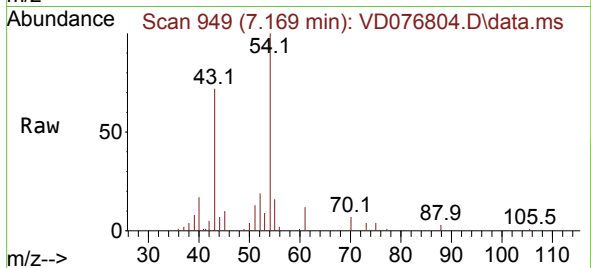
Tgt Ion: 43 Resp: 25743

Ion Ratio Lower Upper

43 100

61 18.5 14.9 22.3

70 12.2 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.327 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

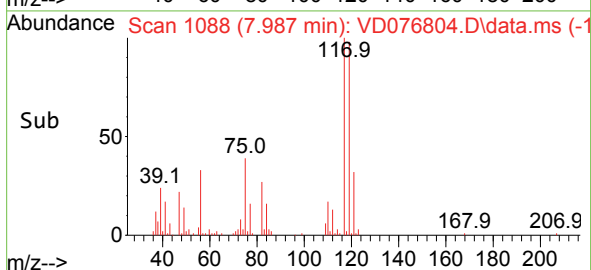
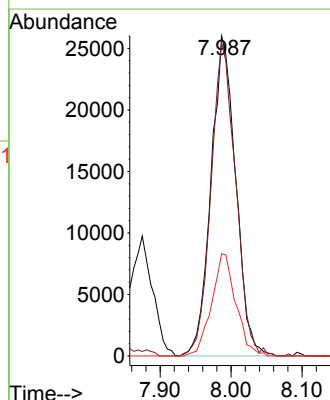
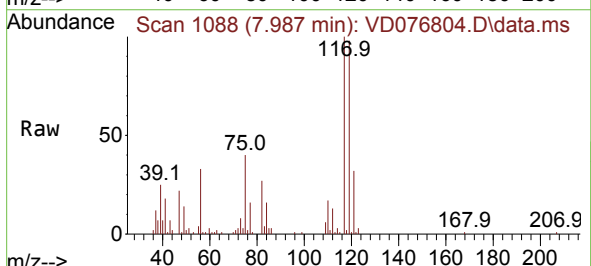
Tgt Ion: 117 Resp: 62808

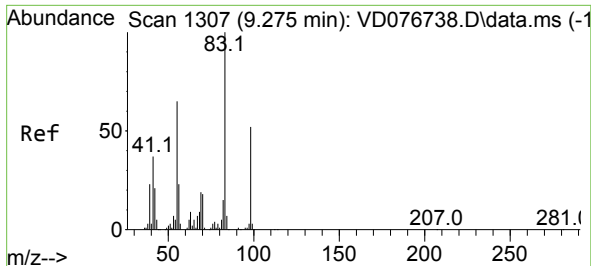
Ion Ratio Lower Upper

117 100

119 97.9 78.0 117.0

121 31.9 24.2 36.2





#39

Methylcyclohexane

Concen: 19.946 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

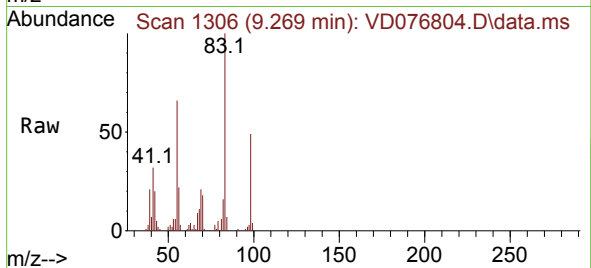
Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :



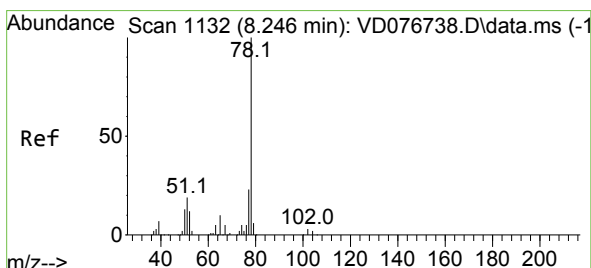
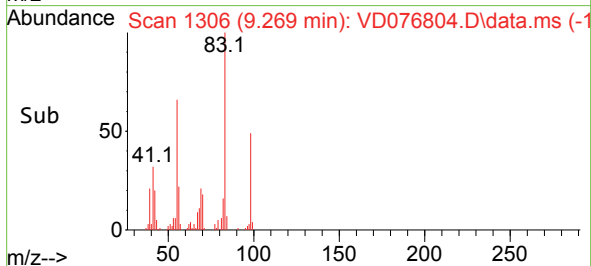
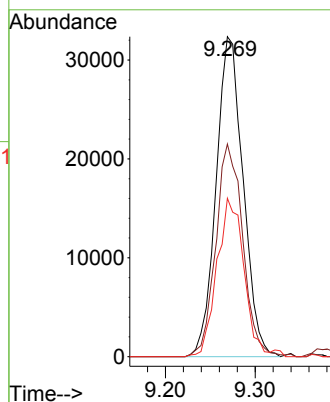
Tgt Ion: 83 Resp: 67664

Ion Ratio Lower Upper

83 100

55 66.5 49.4 74.0

98 49.5 38.4 57.6



#40

Benzene

Concen: 20.089 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076804.D

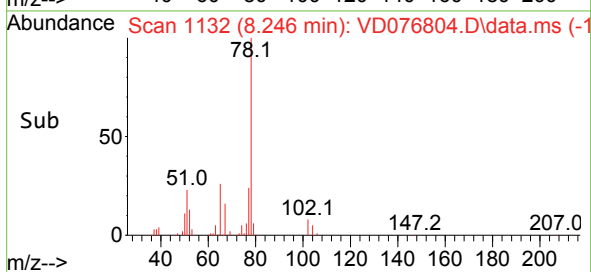
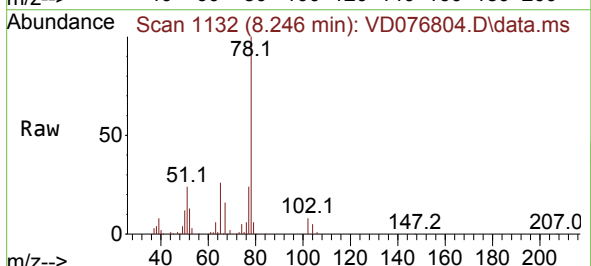
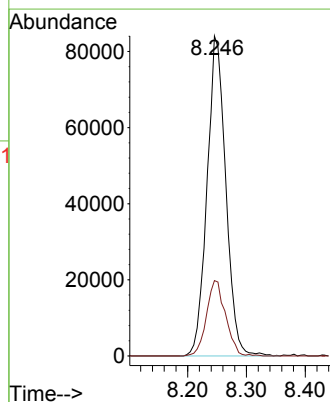
Acq: 26 Jul 2023 14:26

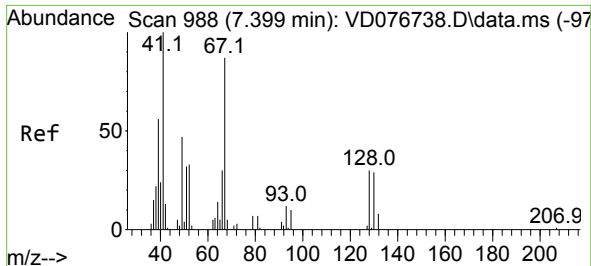
Tgt Ion: 78 Resp: 186218

Ion Ratio Lower Upper

78 100

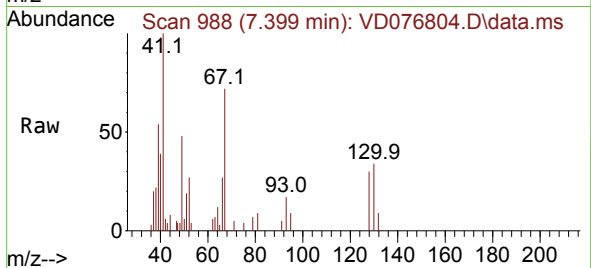
77 23.6 19.4 29.0



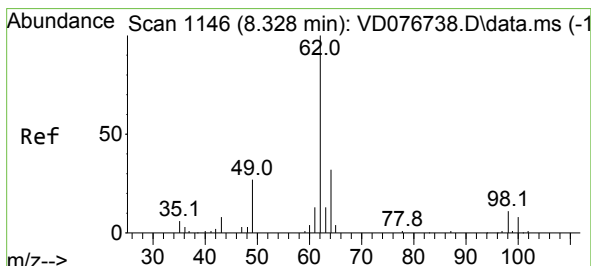
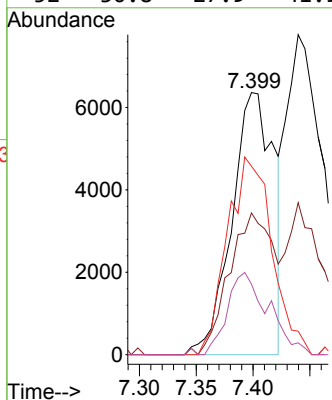
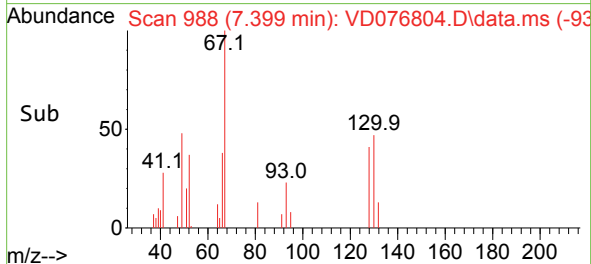


#41
Methacrylonitrile
Concen: 20.369 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Instrument :
MSVOA_D
ClientSampleId :

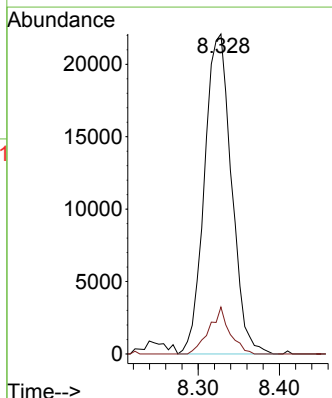
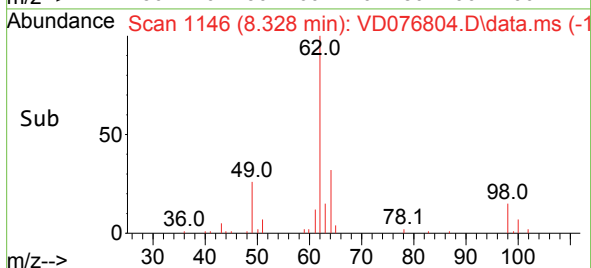
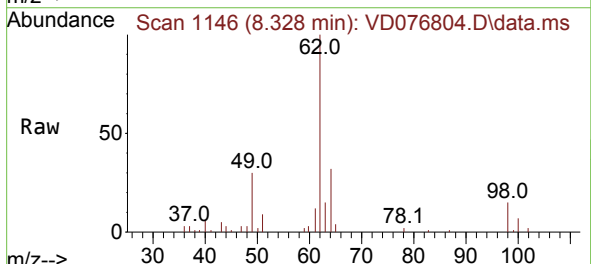


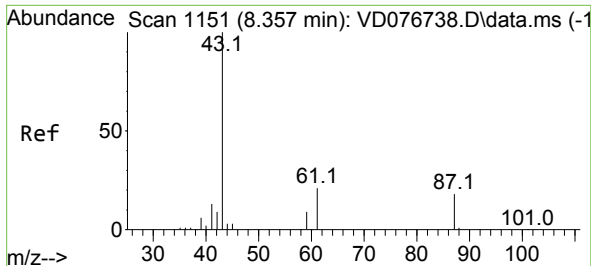
Tgt Ion: 41 Resp: 16343
Ion Ratio Lower Upper
41 100
39 56.8 34.0 51.0#
67 80.2 77.0 115.4
52 30.8 27.9 41.9



#42
1,2-Dichloroethane
Concen: 21.209 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 62 Resp: 51083
Ion Ratio Lower Upper
62 100
98 11.1 0.0 25.4

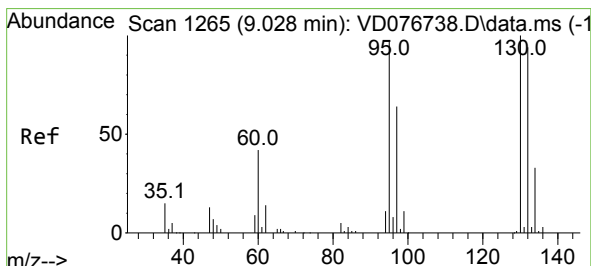
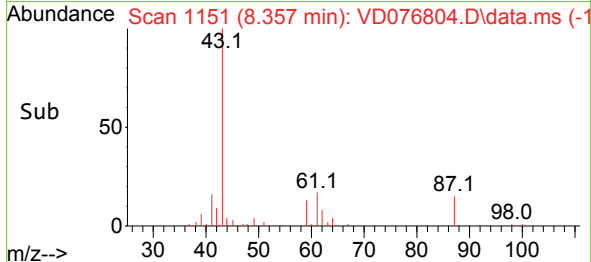
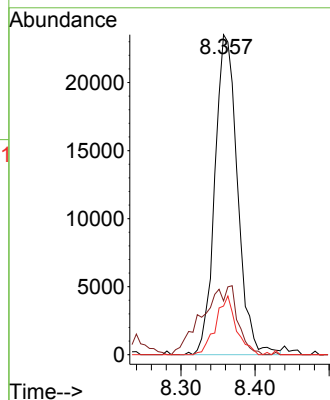
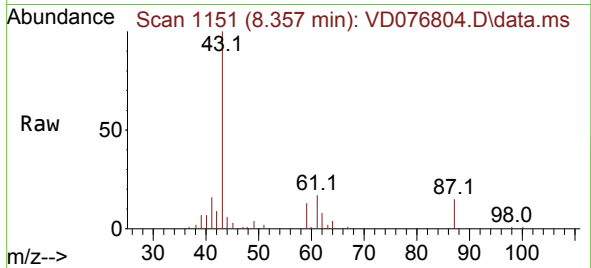




#43
Isopropyl Acetate
Concen: 19.461 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

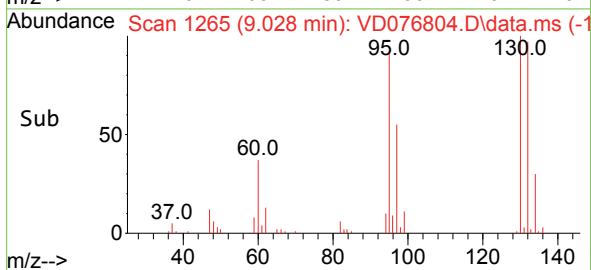
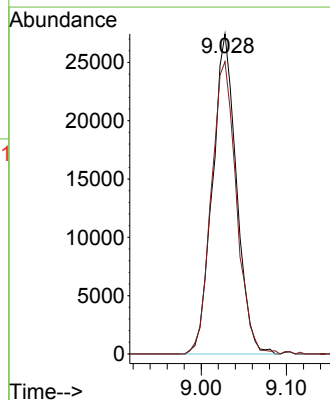
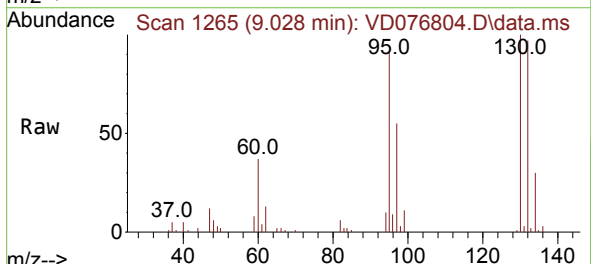
Instrument :
MSVOA_D
ClientSampleId :

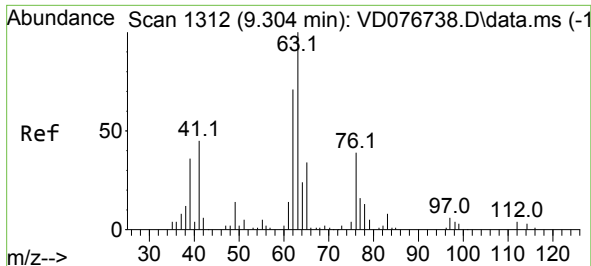
Tgt Ion: 43 Resp: 49901
Ion Ratio Lower Upper
43 100
61 21.7 31.4 47.0#
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 21.149 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion:130 Resp: 53424
Ion Ratio Lower Upper
130 100
95 91.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.492 ug/l

RT: 9.298 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

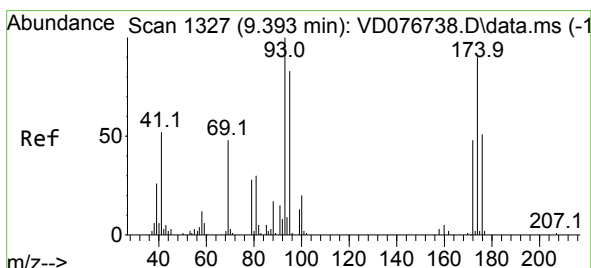
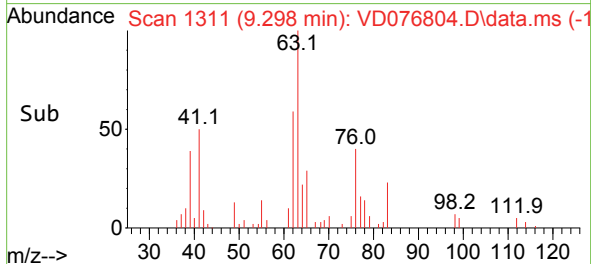
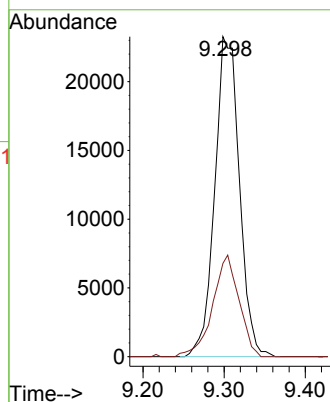
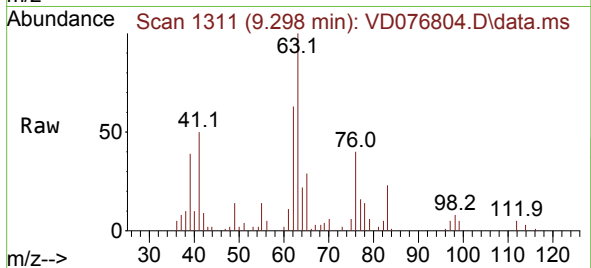
ClientSampleId :

Tgt Ion: 63 Resp: 49035

Ion Ratio Lower Upper

63 100

65 29.2 24.5 36.7



#46

Dibromomethane

Concen: 21.601 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

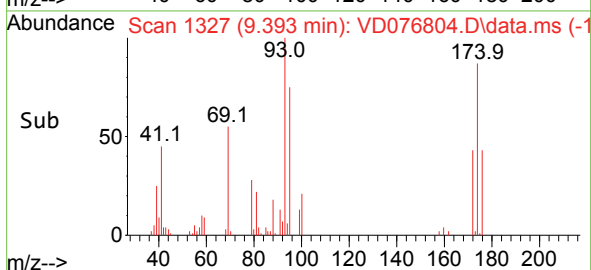
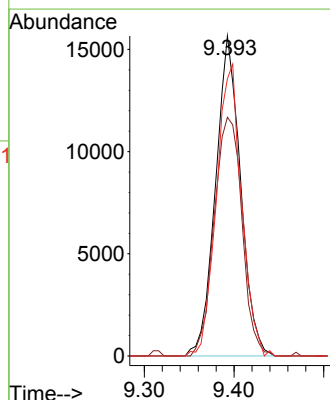
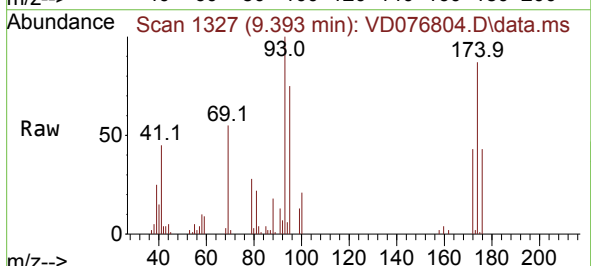
Tgt Ion: 93 Resp: 30255

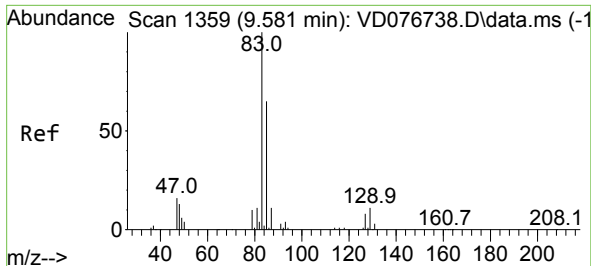
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

174 91.6 85.4 128.2





#47

Bromodichloromethane

Concen: 21.348 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076804.D

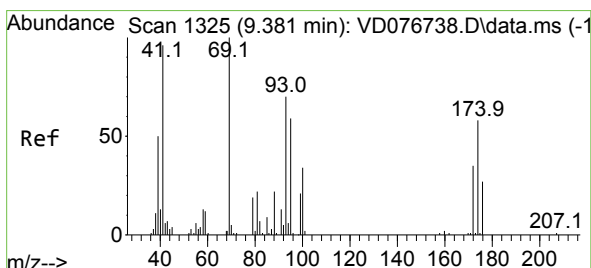
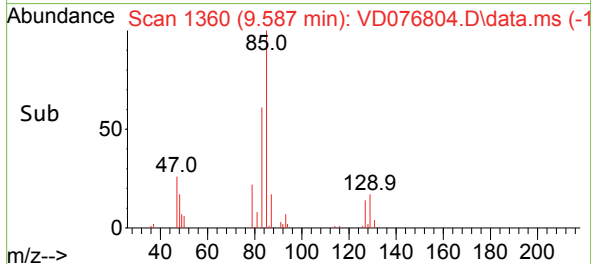
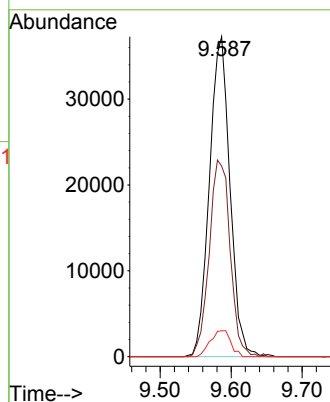
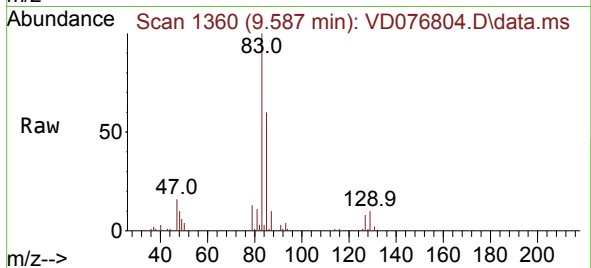
Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 75035
Ion Ratio	Lower Upper
83	100
85	59.5 50.2 75.4
127	8.1 6.3 9.5



#48

Methyl methacrylate

Concen: 18.444 ug/l

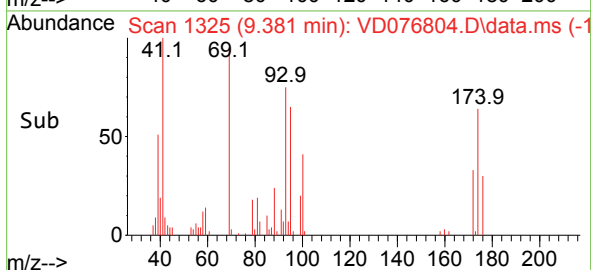
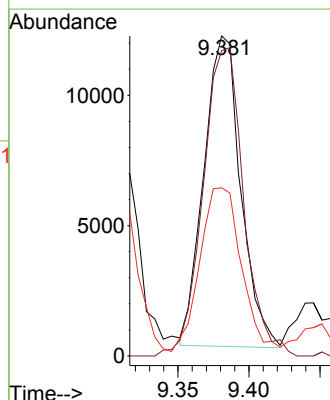
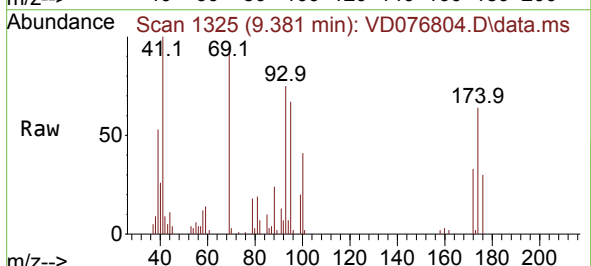
RT: 9.381 min Scan# 1325

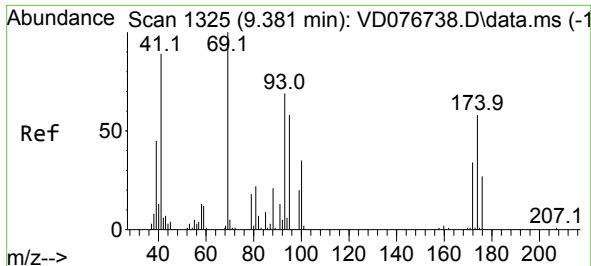
Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Tgt Ion: 41	Resp: 21525
Ion Ratio	Lower Upper
41	100
69	108.9 102.2 153.2
39	62.5 41.4 62.2#





#49

1,4-Dioxane

Concen: 367.951 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

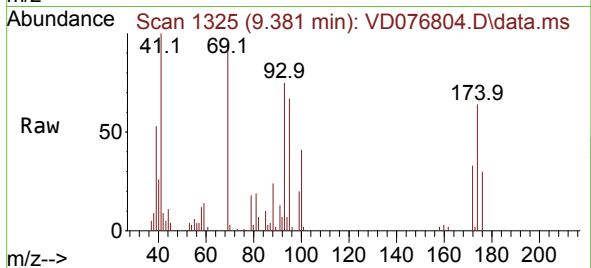
Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :



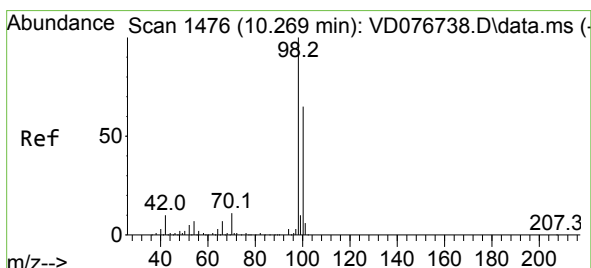
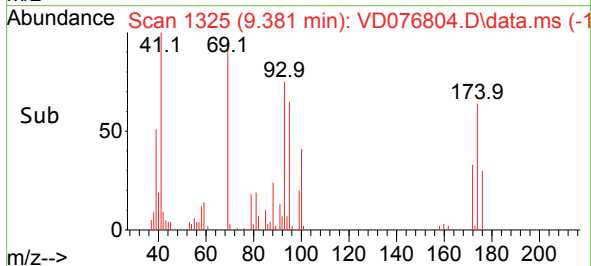
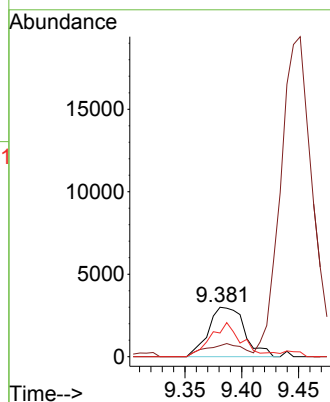
Tgt Ion: 88 Resp: 6603

Ion Ratio Lower Upper

88 100

43 27.4 19.0 28.6

58 57.7 43.5 65.3



#50

Toluene-d8

Concen: 48.588 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD076804.D

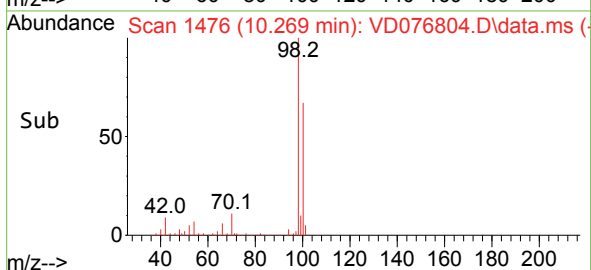
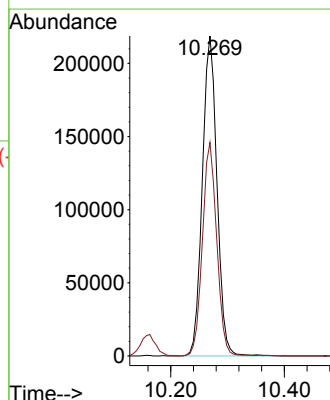
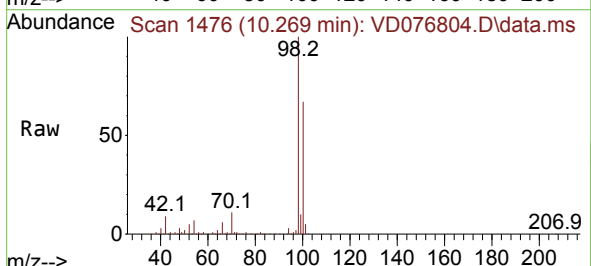
Acq: 26 Jul 2023 14:26

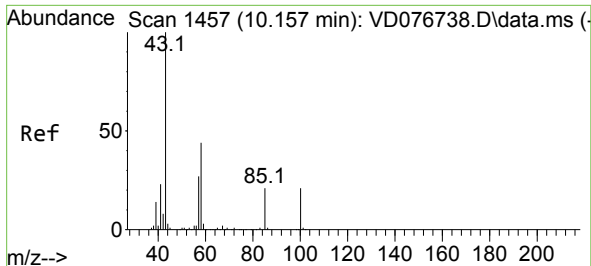
Tgt Ion: 98 Resp: 390796

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

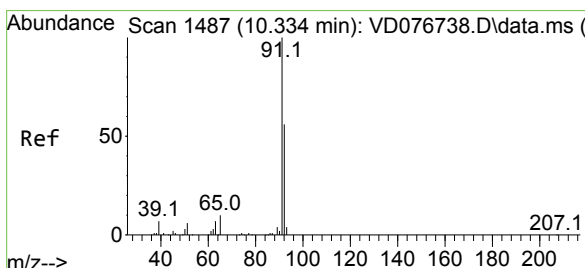
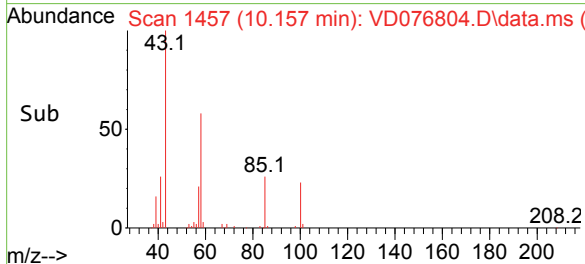
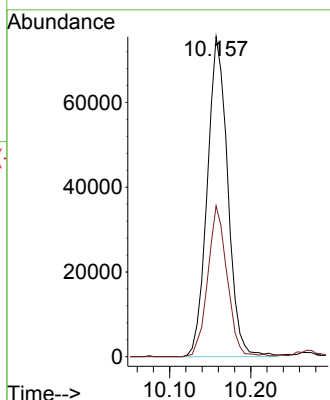
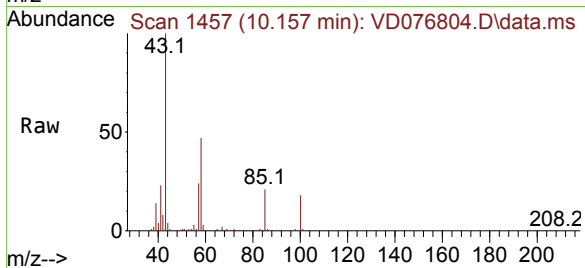




#51
4-Methyl-2-Pentanone
Concen: 96.923 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

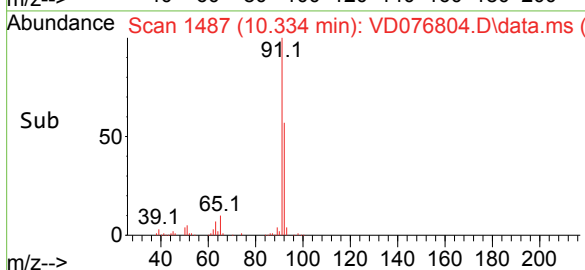
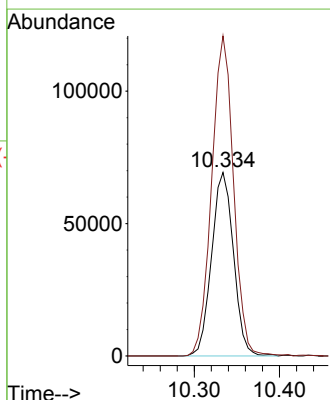
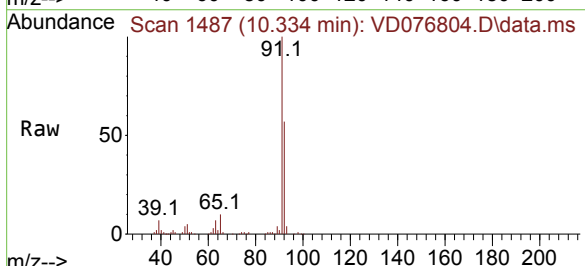
Instrument :
MSVOA_D
ClientSampleId :

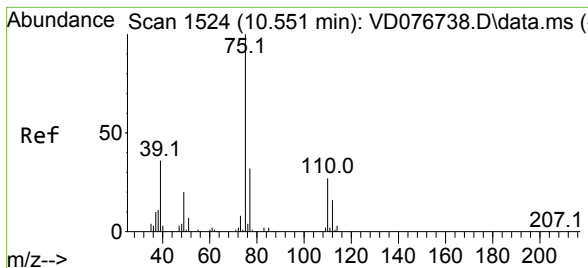
Tgt Ion: 43 Resp: 132322
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 20.322 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

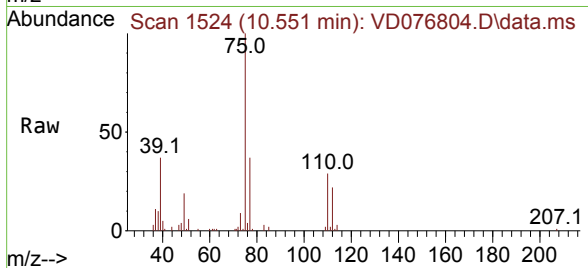
Tgt Ion: 92 Resp: 123724
Ion Ratio Lower Upper
92 100
91 174.2 143.0 214.4



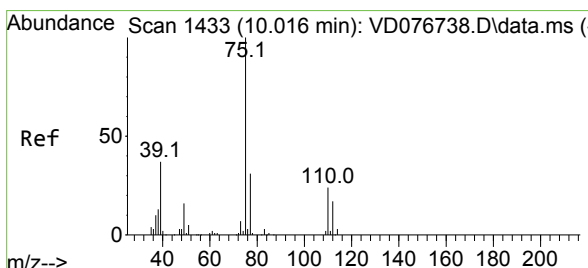
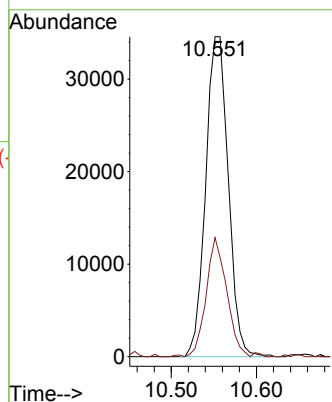
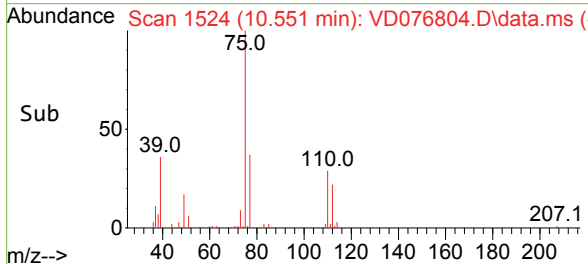


#53
t-1,3-Dichloropropene
Concen: 19.515 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

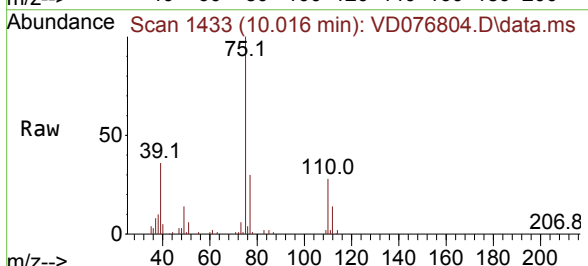
Instrument :
MSVOA_D
ClientSampleId :



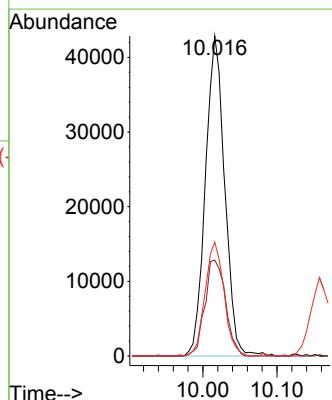
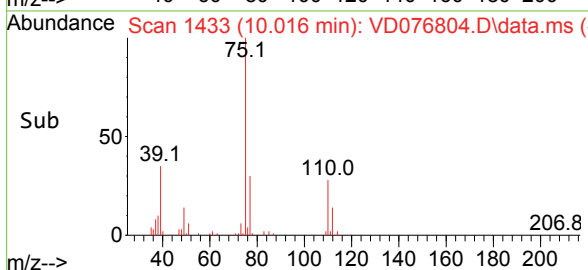
Tgt Ion: 75 Resp: 63668
Ion Ratio Lower Upper
75 100
77 37.2 25.3 37.9

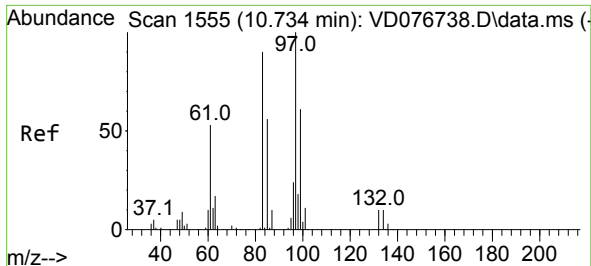


#54
cis-1,3-Dichloropropene
Concen: 20.119 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26



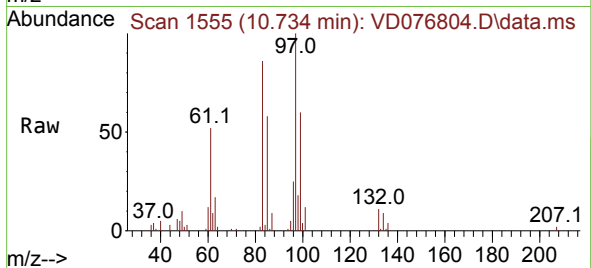
Tgt Ion: 75 Resp: 77356
Ion Ratio Lower Upper
75 100
77 29.9 25.5 38.3
39 35.6 22.1 33.1#



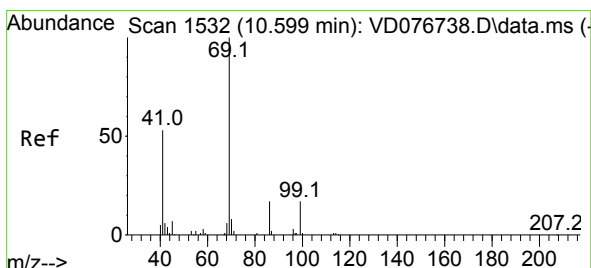
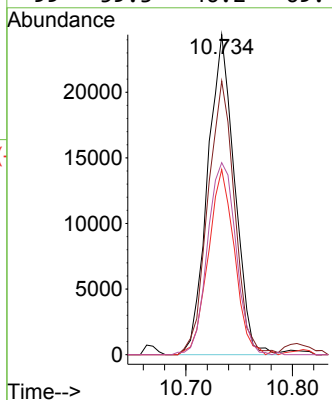
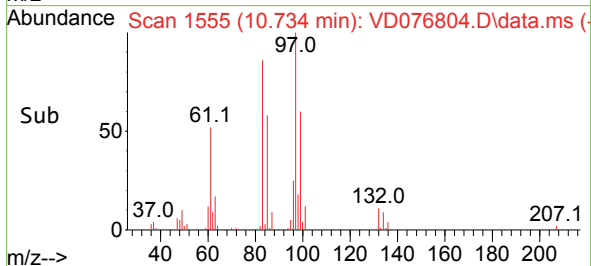


#55
 1,1,2-Trichloroethane
 Concen: 20.932 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Instrument :
 MSVOA_D
 ClientSampleId :

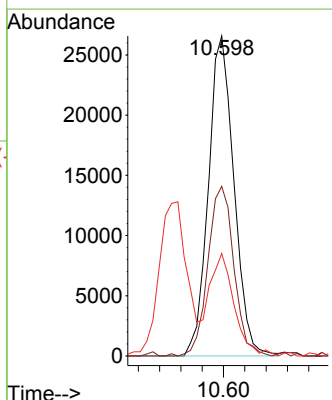
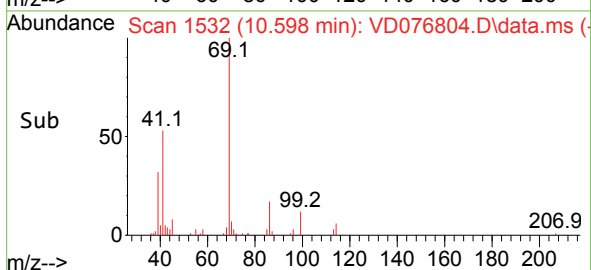
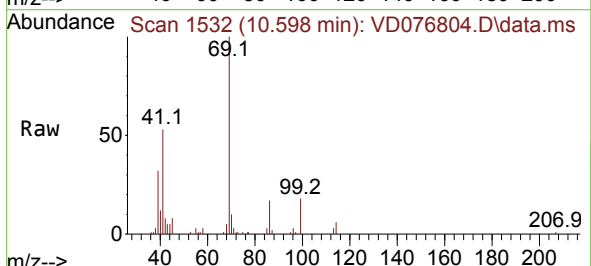


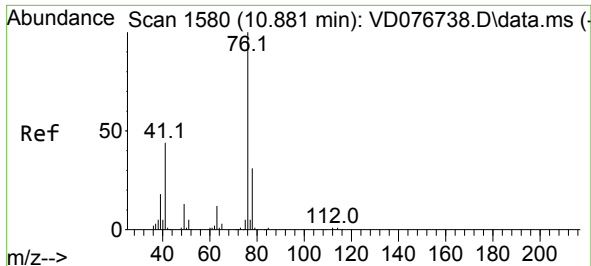
Tgt Ion:	97	Resp:	42813
Ion	Ratio	Lower	Upper
97	100		
83	85.5	65.8	98.6
85	57.8	45.7	68.5
99	59.3	46.2	69.4



#56
 Ethyl methacrylate
 Concen: 18.778 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. -0.001 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Tgt Ion:	69	Resp:	44328
Ion	Ratio	Lower	Upper
69	100		
41	53.9	39.1	58.7
39	32.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 19.807 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

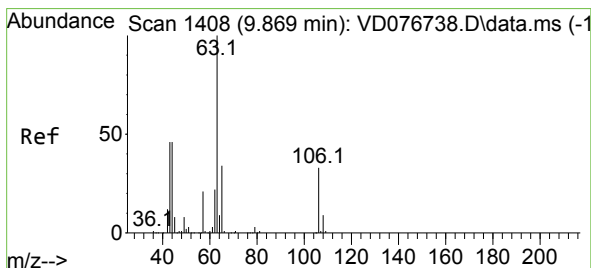
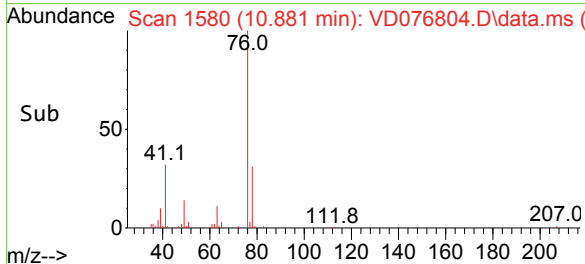
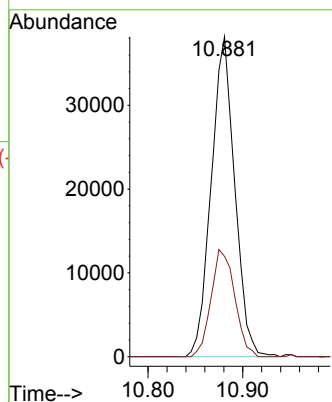
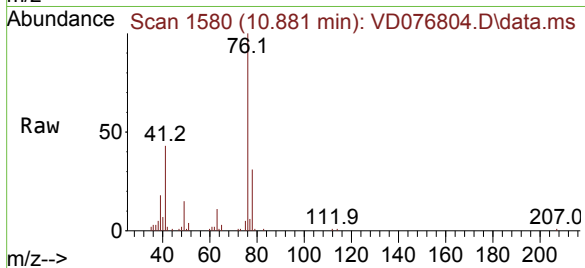
ClientSampleId :

Tgt Ion: 76 Resp: 65974

Ion Ratio Lower Upper

76 100

78 33.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 104.051 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076804.D

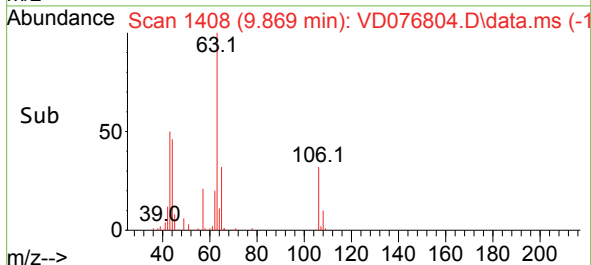
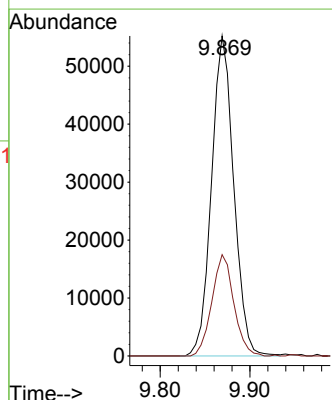
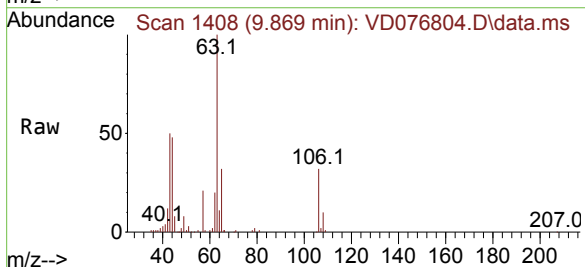
Acq: 26 Jul 2023 14:26

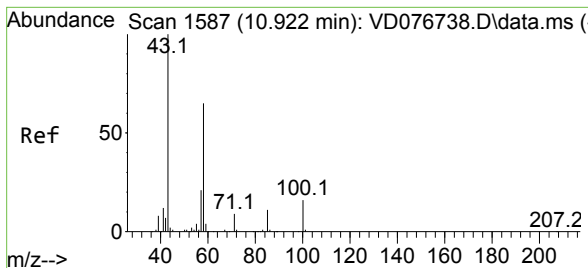
Tgt Ion: 63 Resp: 95079

Ion Ratio Lower Upper

63 100

106 31.2 25.3 37.9

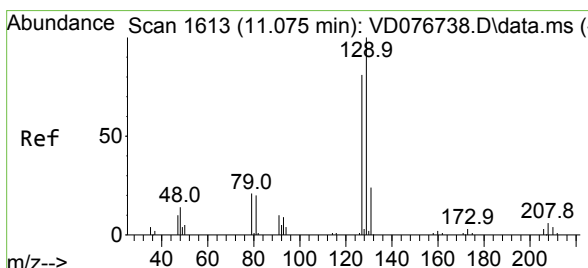
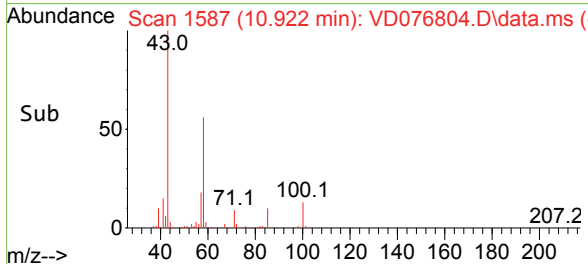
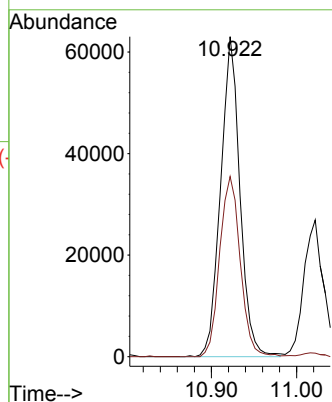
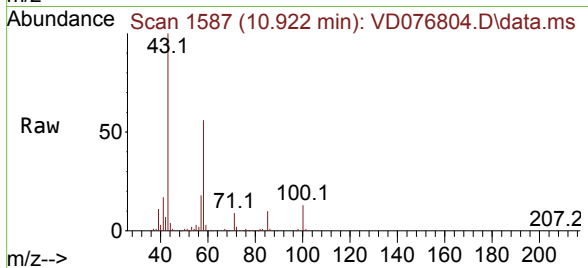




#59
2-Hexanone
Concen: 101.922 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

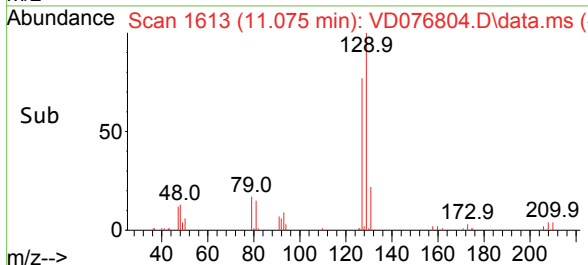
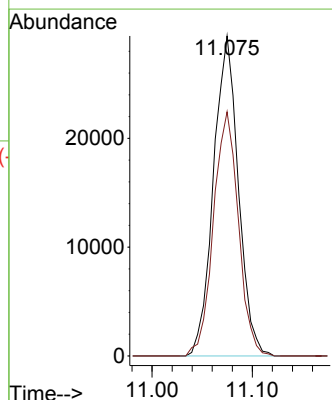
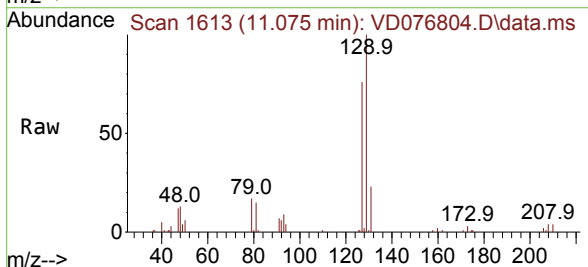
Instrument :
MSVOA_D
ClientSampleId :

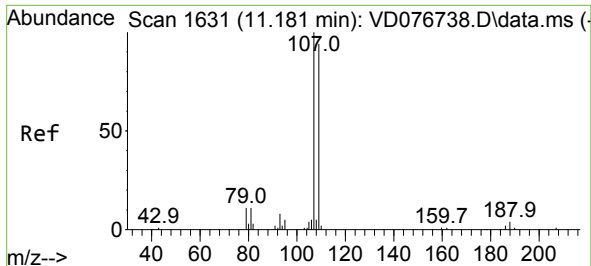
Tgt Ion: 43 Resp: 99288
Ion Ratio Lower Upper
43 100
58 59.9 34.1 102.2



#60
Dibromochloromethane
Concen: 21.342 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 129 Resp: 50710
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

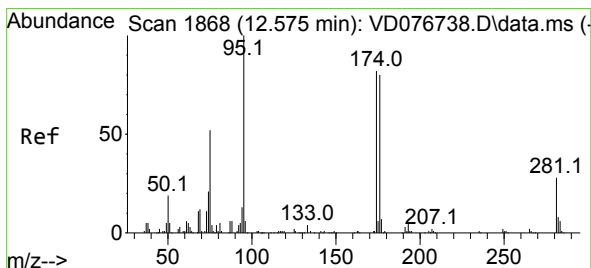
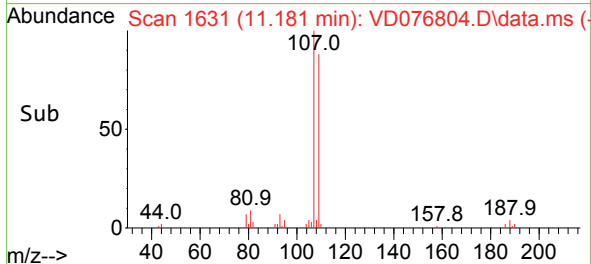
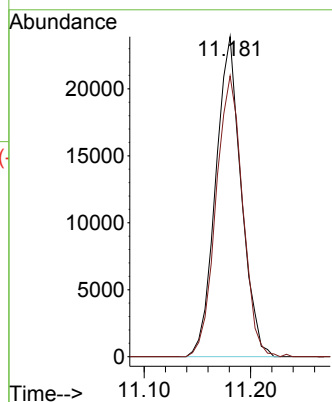
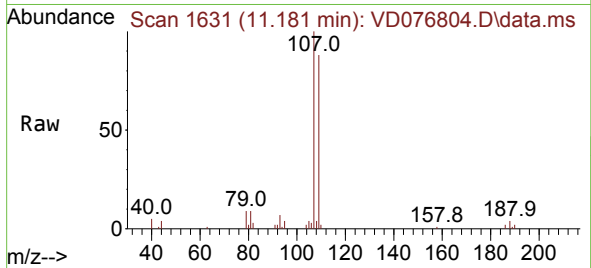




#61
1,2-Dibromoethane
Concen: 20.985 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

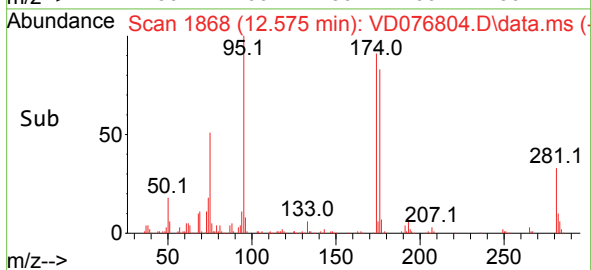
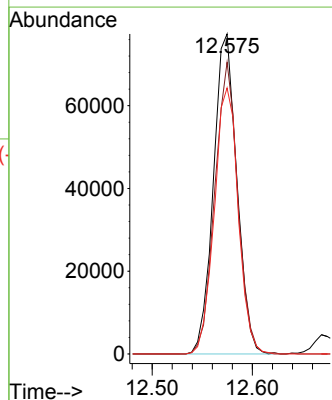
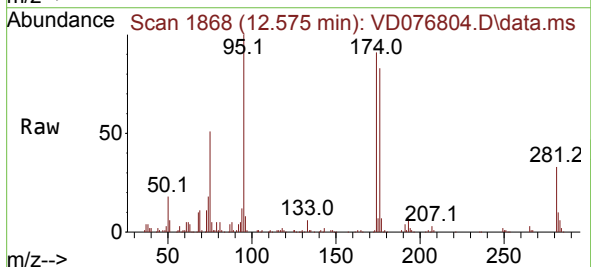
Instrument :
MSVOA_D
ClientSampleId :

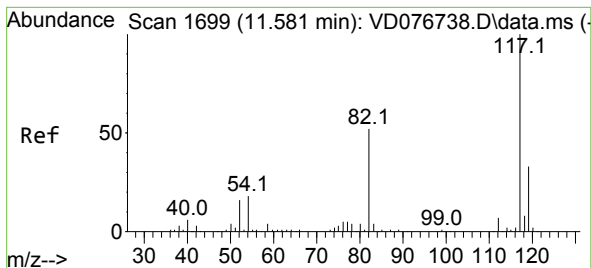
Tgt Ion:107 Resp: 39792
Ion Ratio Lower Upper
107 100
109 91.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.120 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 95 Resp: 125204
Ion Ratio Lower Upper
95 100
174 89.8 0.0 201.8
176 85.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

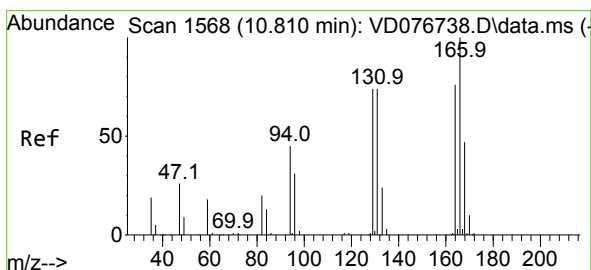
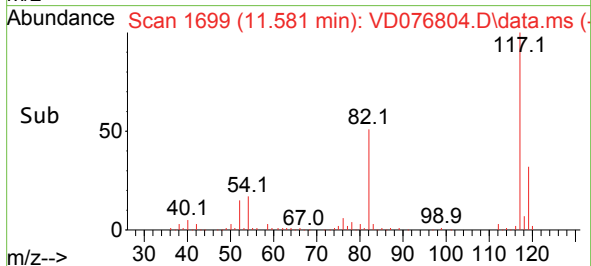
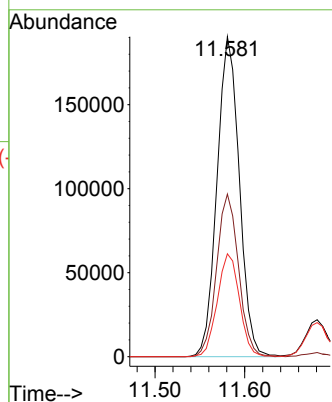
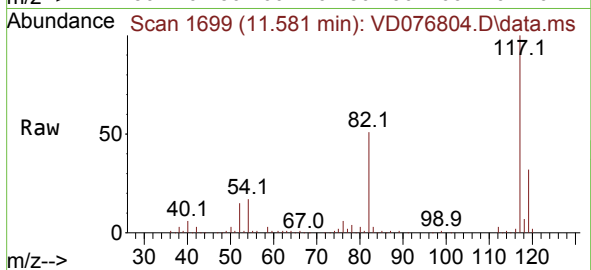
Tgt Ion:117 Resp: 328616

Ion Ratio Lower Upper

117 100

82 50.8 38.3 57.5

119 32.1 25.0 37.4



#64

Tetrachloroethene

Concen: 24.182 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Tgt Ion:164 Resp: 45313

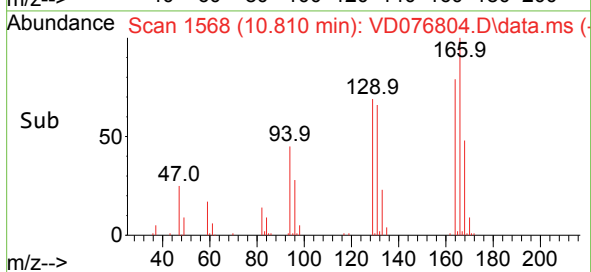
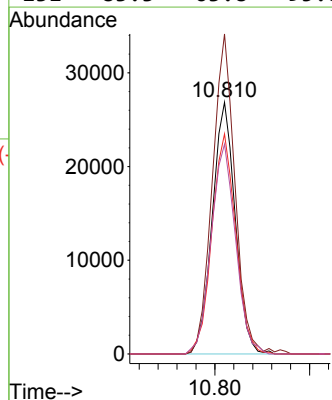
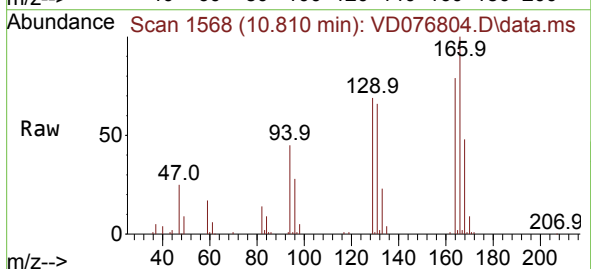
Ion Ratio Lower Upper

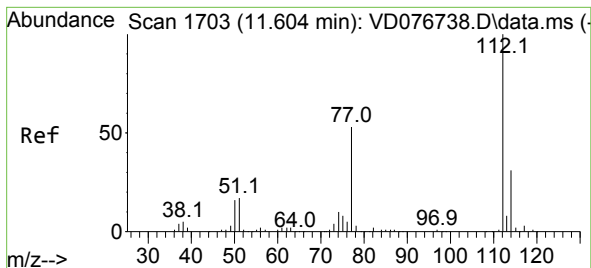
164 100

166 127.2 99.2 148.8

129 87.4 68.4 102.6

131 83.3 63.8 95.8





#65

Chlorobenzene

Concen: 21.365 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

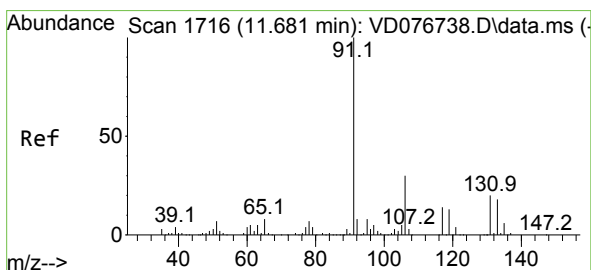
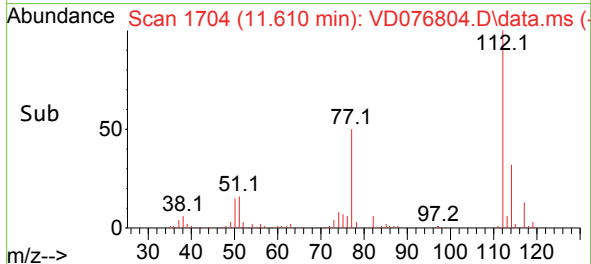
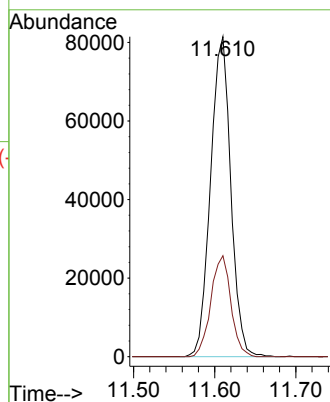
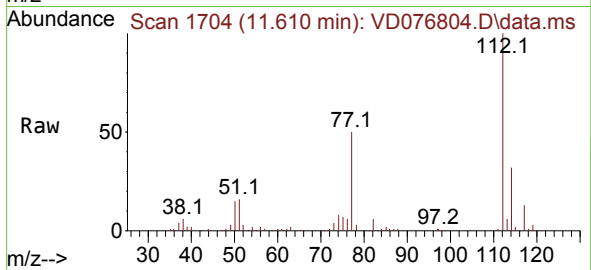
ClientSampleId :

Tgt Ion:112 Resp: 141207

Ion Ratio Lower Upper

112 100

114 31.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.981 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

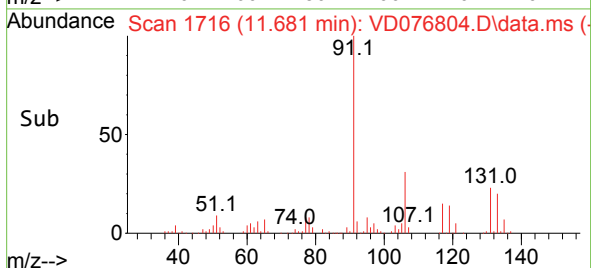
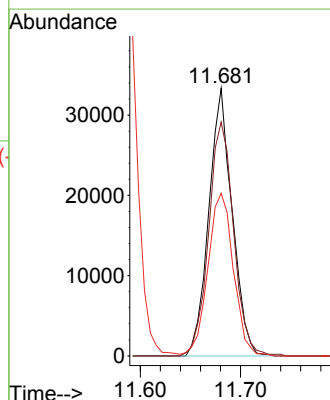
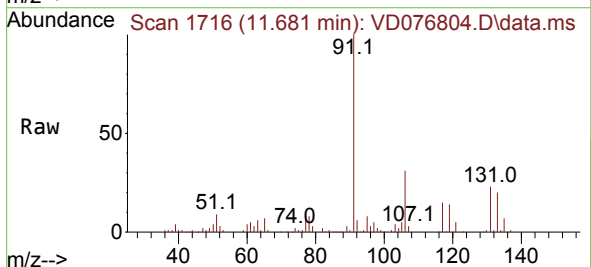
Tgt Ion:131 Resp: 54086

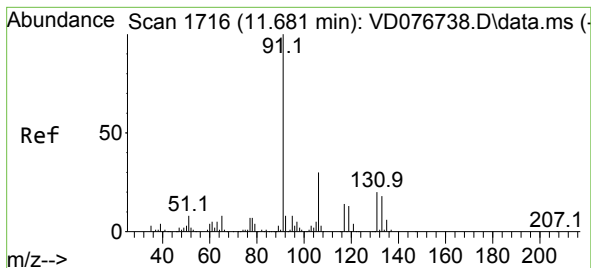
Ion Ratio Lower Upper

131 100

133 93.3 48.5 145.5

119 66.3 35.6 106.9





#67

Ethyl Benzene

Concen: 20.705 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

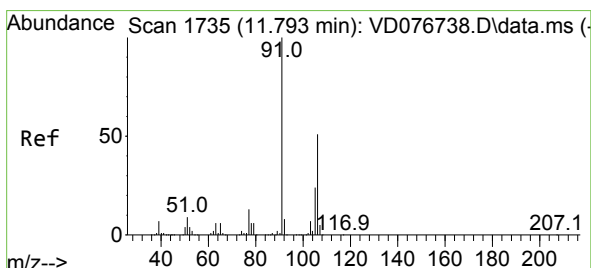
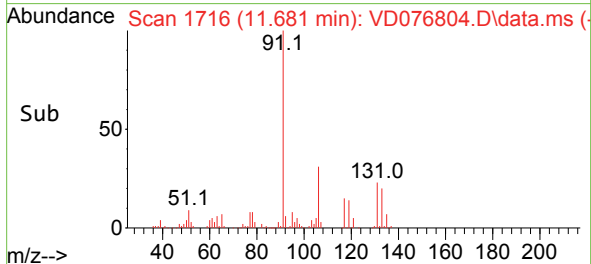
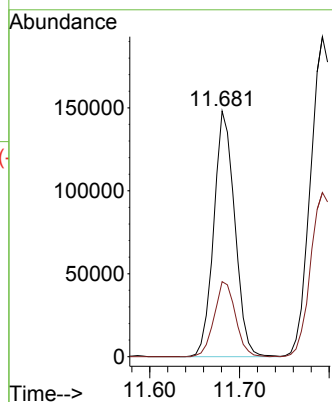
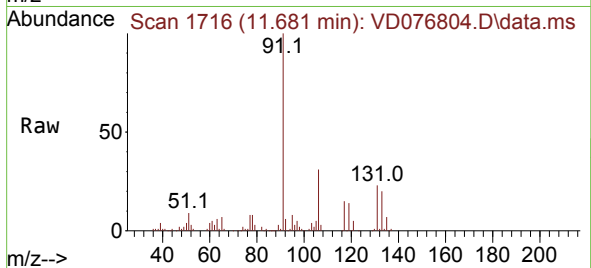
ClientSampleId :

Tgt Ion: 91 Resp: 240326

Ion Ratio Lower Upper

91 100

106 30.5 26.5 39.7



#68

m/p-Xylenes

Concen: 41.908 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.001 min

Lab File: VD076804.D

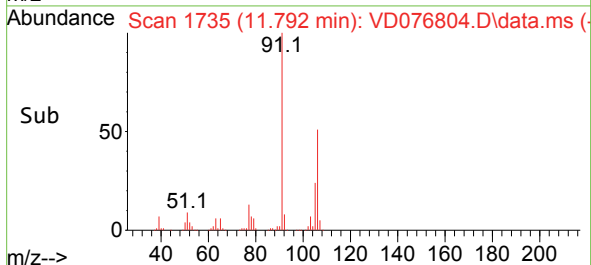
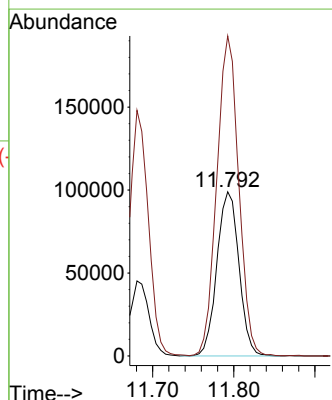
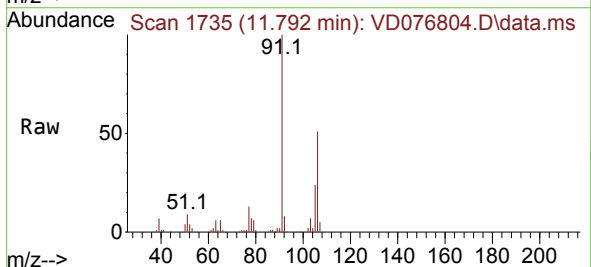
Acq: 26 Jul 2023 14:26

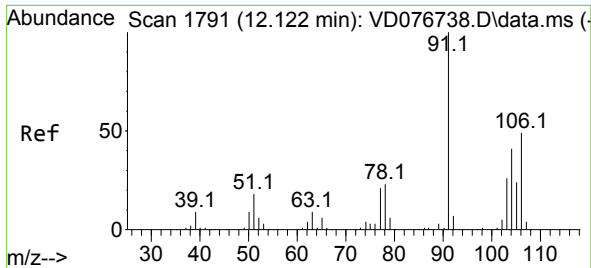
Tgt Ion: 106 Resp: 186814

Ion Ratio Lower Upper

106 100

91 193.3 147.0 220.6





#69

o-Xylene

Concen: 20.149 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

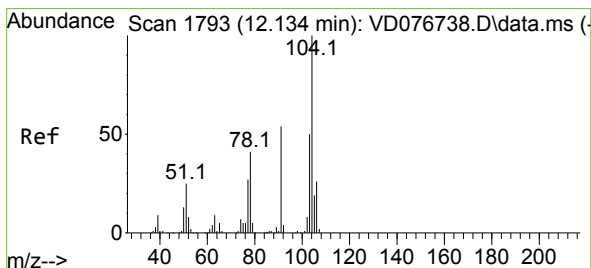
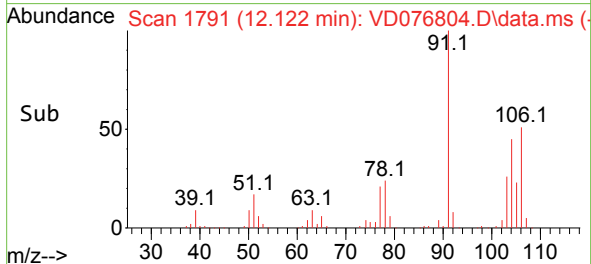
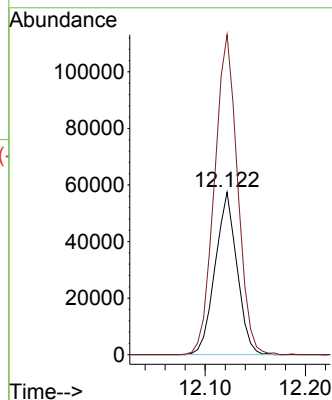
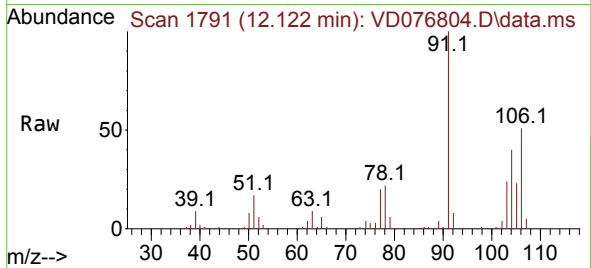
ClientSampleId :

Tgt Ion:106 Resp: 86857

Ion Ratio Lower Upper

106 100

91 208.2 97.9 293.6



#70

Styrene

Concen: 20.199 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

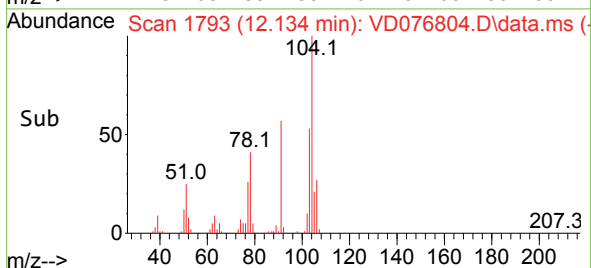
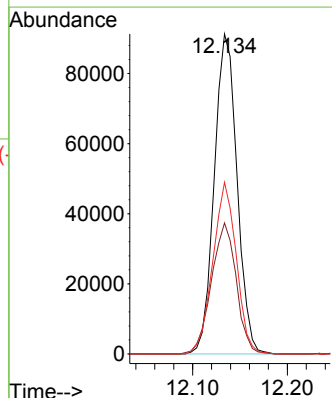
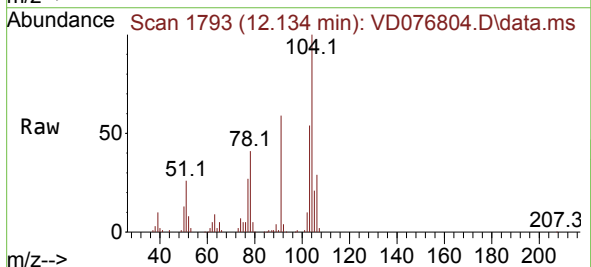
Tgt Ion:104 Resp: 152428

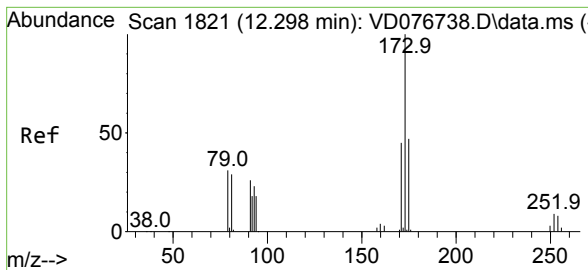
Ion Ratio Lower Upper

104 100

78 44.6 33.2 49.8

103 55.3 43.6 65.4

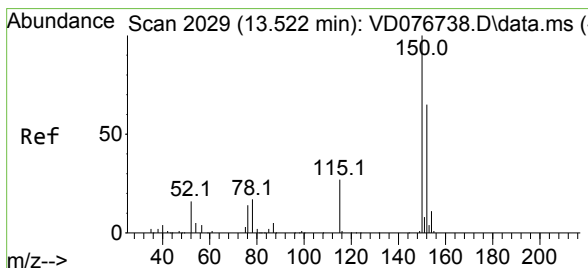
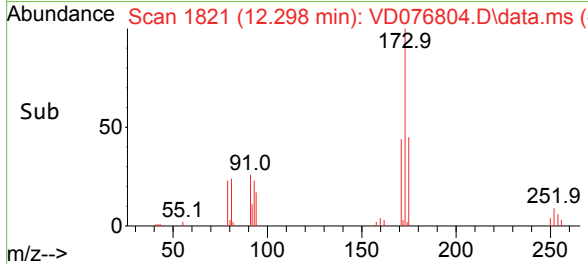
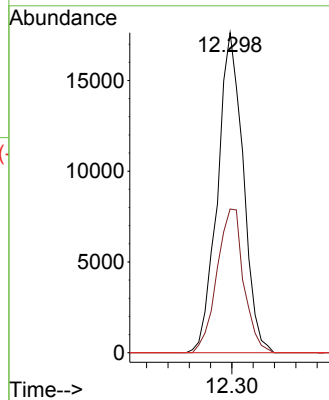
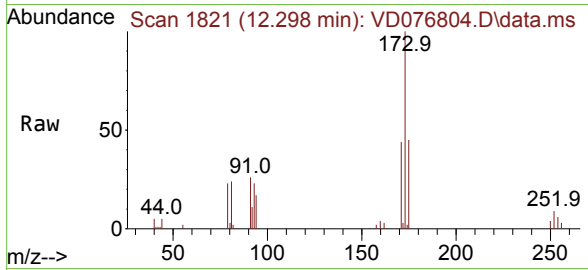




#71
Bromoform
Concen: 21.856 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

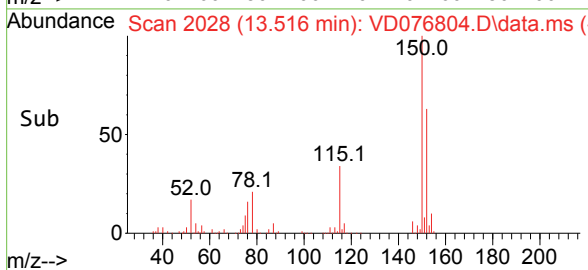
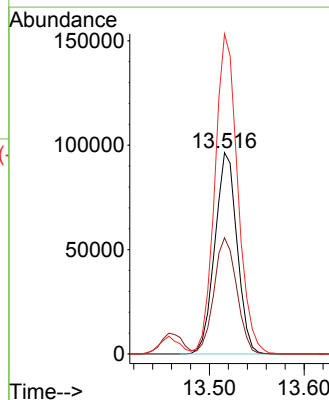
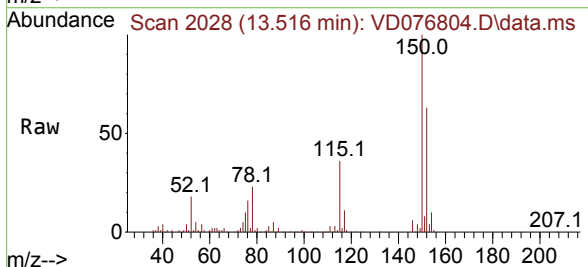
Instrument :
MSVOA_D
ClientSampleId :

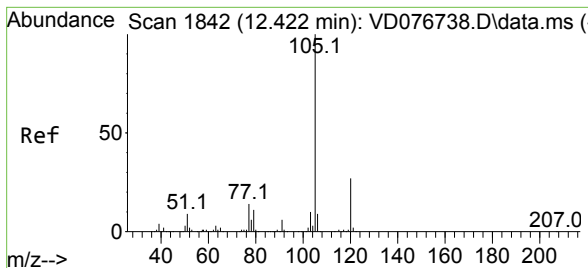
Tgt Ion	Ratio	Lower	Upper
173	100		
175	46.8	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.0	27.1	81.3
150	163.5	0.0	353.6





#73

Isopropylbenzene

Concen: 20.604 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

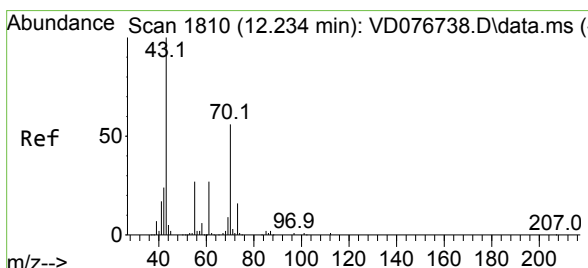
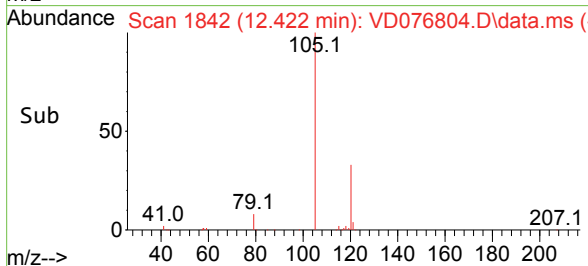
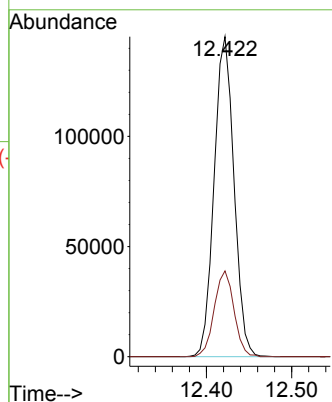
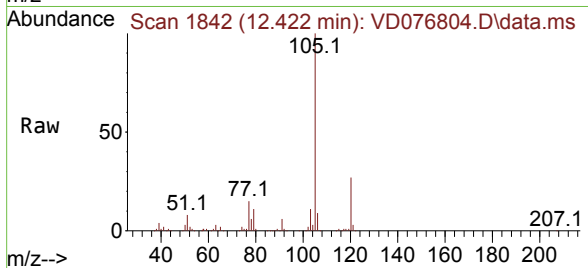
ClientSampleId :

Tgt Ion:105 Resp: 234904

Ion Ratio Lower Upper

105 100

120 26.6 14.3 42.9



#74

N-ethyl acetate

Concen: 19.929 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Tgt Ion: 43 Resp: 47865

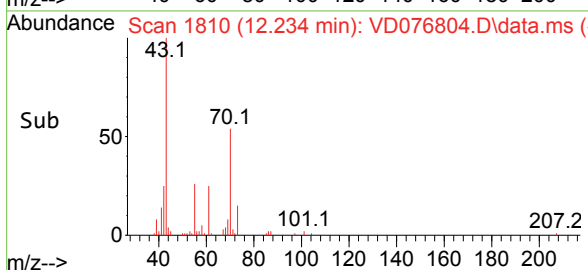
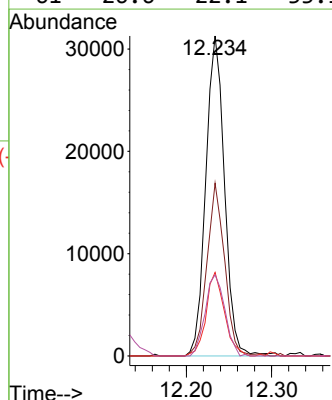
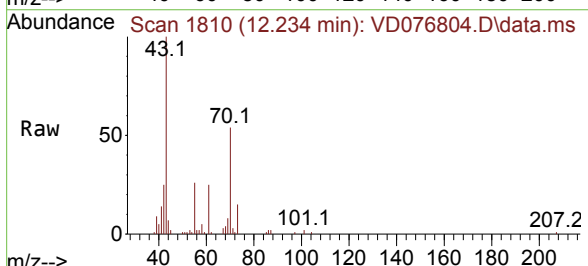
Ion Ratio Lower Upper

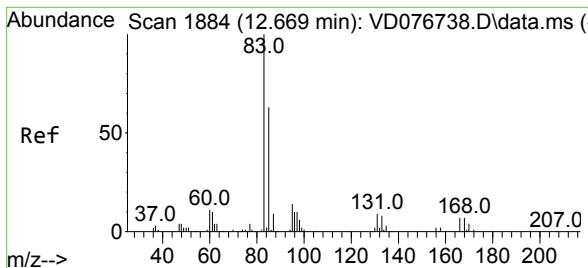
43 100

70 51.2 45.0 67.4

55 25.5 23.8 35.6

61 26.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.345 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

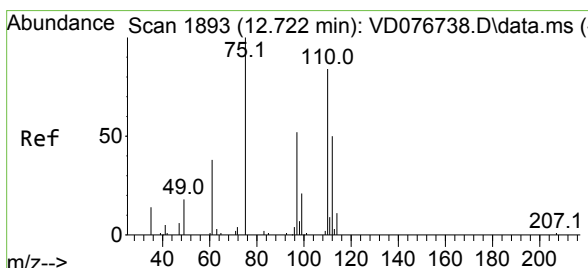
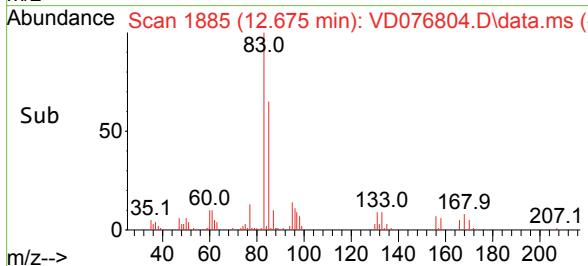
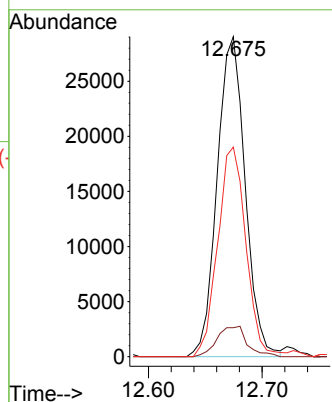
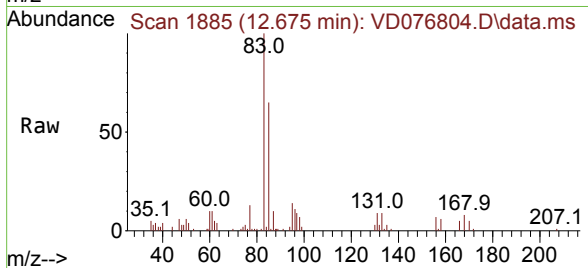
Tgt Ion: 83 Resp: 49801

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 65.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 38.408 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD076804.D

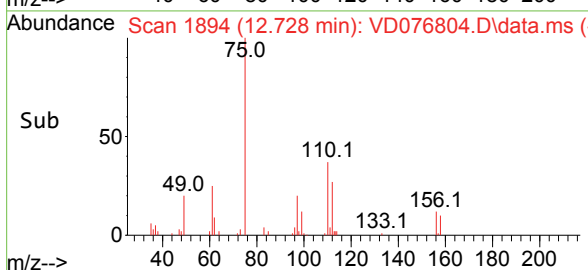
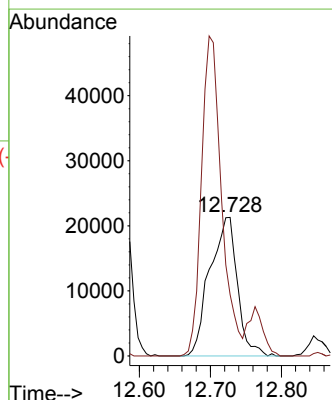
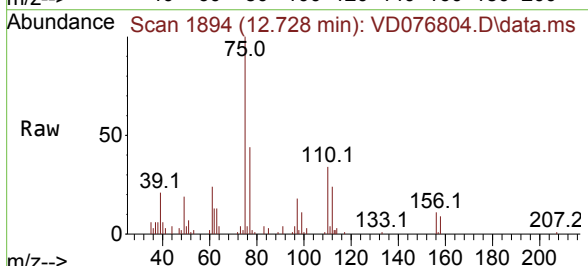
Acq: 26 Jul 2023 14:26

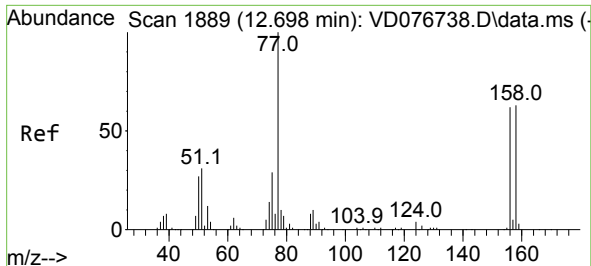
Tgt Ion: 75 Resp: 57396

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

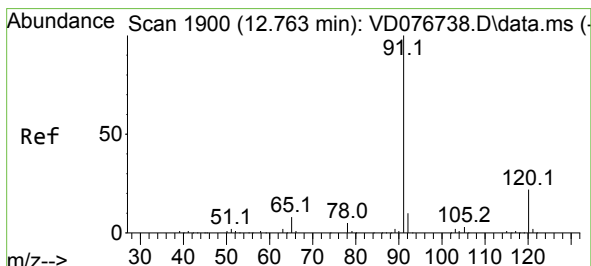
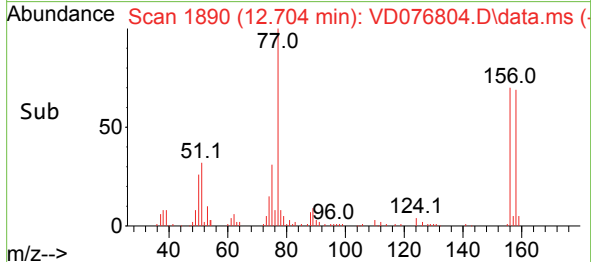
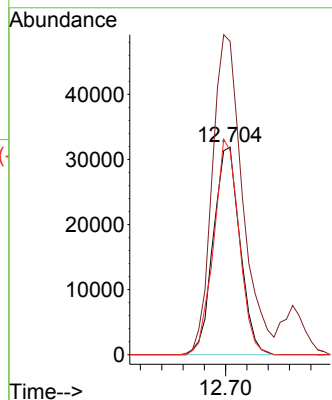
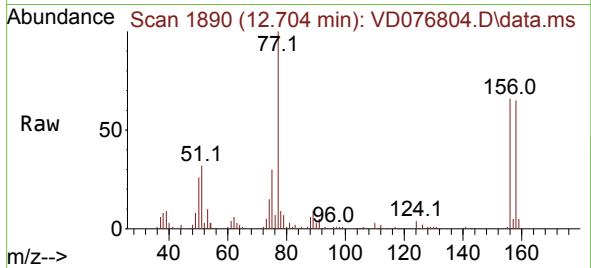




#77
Bromobenzene
Concen: 21.034 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

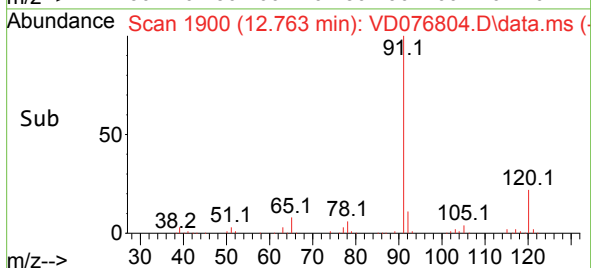
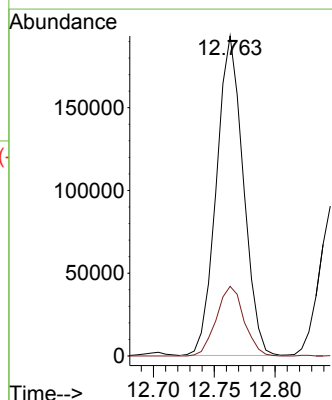
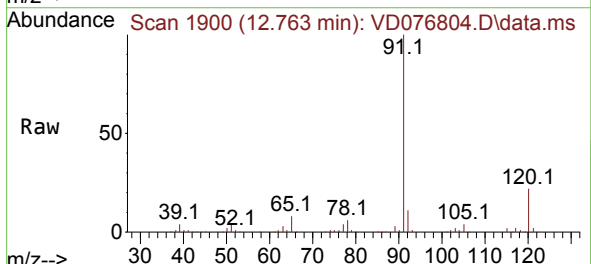
Instrument :
MSVOA_D
ClientSampleId :

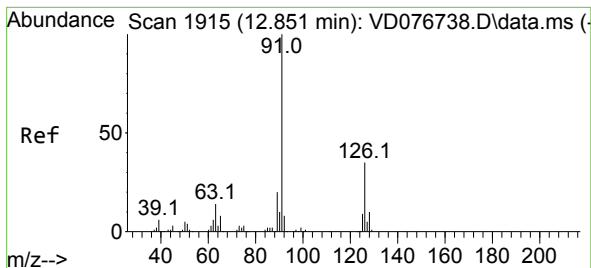
Tgt Ion:156 Resp: 55354
Ion Ratio Lower Upper
156 100
77 175.6 76.8 230.4
158 99.0 48.6 145.9



#78
n-propylbenzene
Concen: 21.427 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 91 Resp: 296161
Ion Ratio Lower Upper
91 100
120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 20.981 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

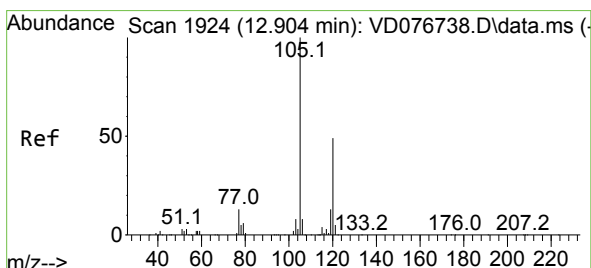
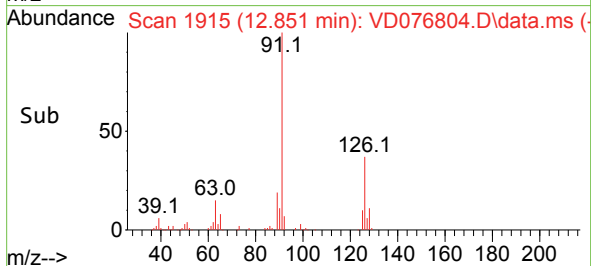
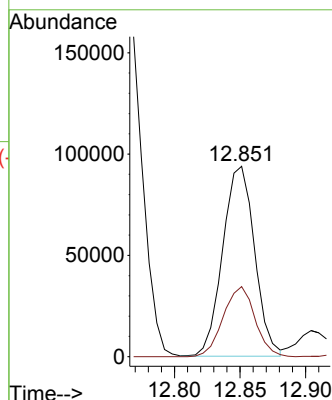
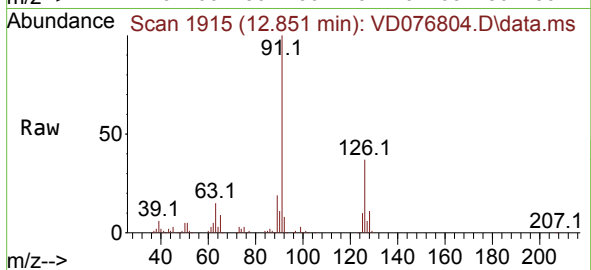
ClientSampleId :

Tgt Ion: 91 Resp: 159004

Ion Ratio Lower Upper

91 100

126 36.6 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 21.283 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD076804.D

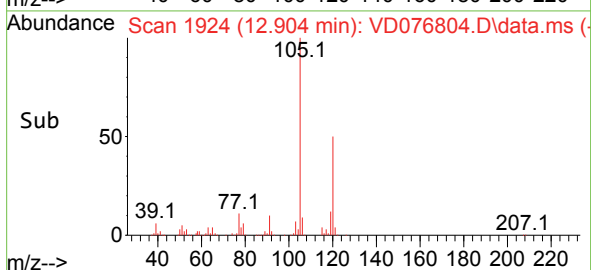
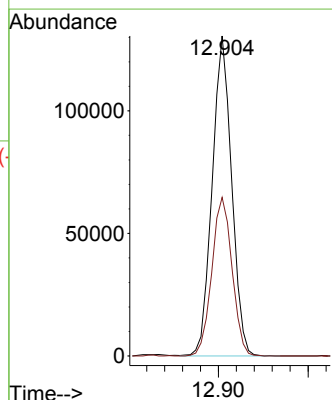
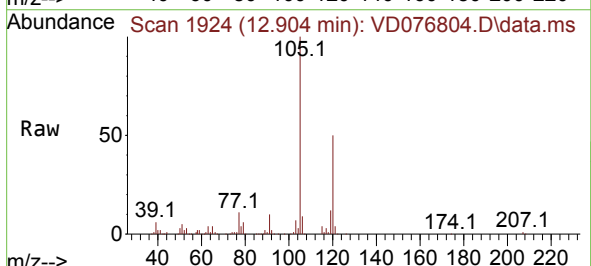
Acq: 26 Jul 2023 14:26

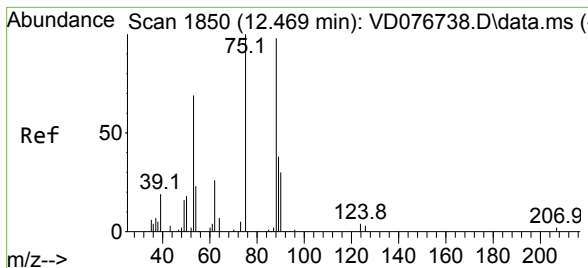
Tgt Ion: 105 Resp: 196202

Ion Ratio Lower Upper

105 100

120 51.5 26.4 79.2

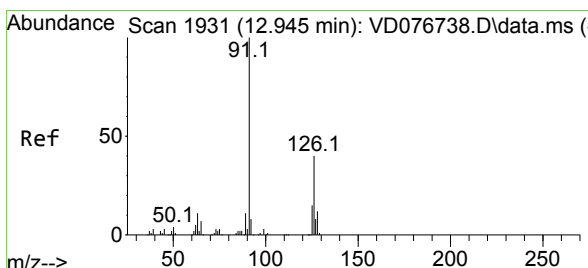
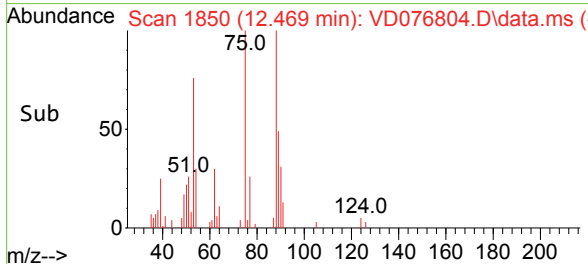
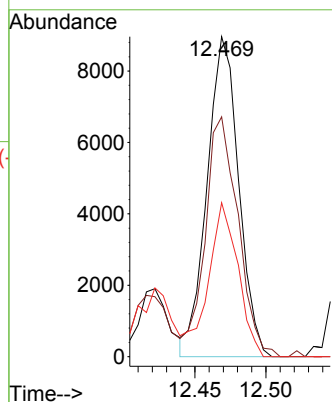
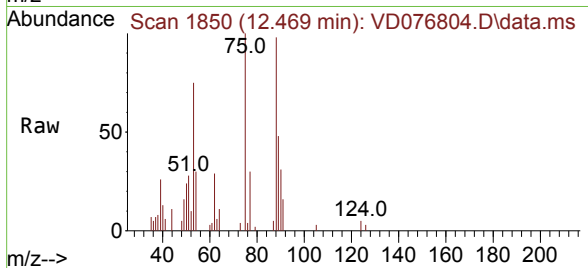




#81
trans-1,4-Dichloro-2-butene
Concen: 19.726 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

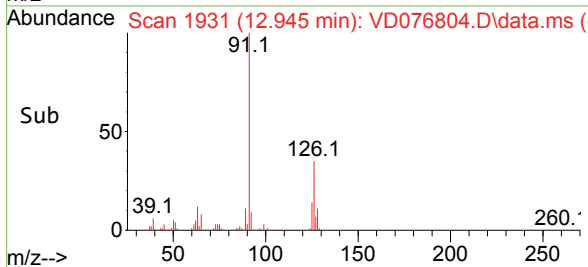
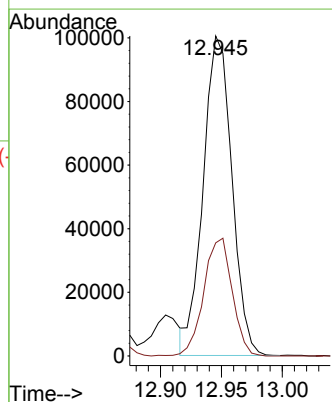
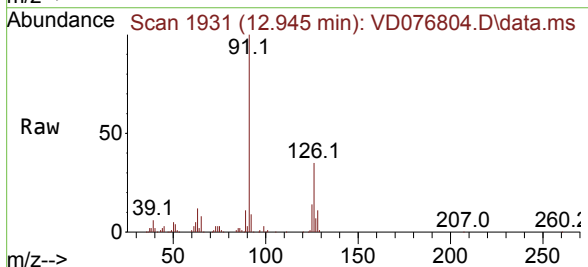
Instrument :
MSVOA_D
ClientSampleId :

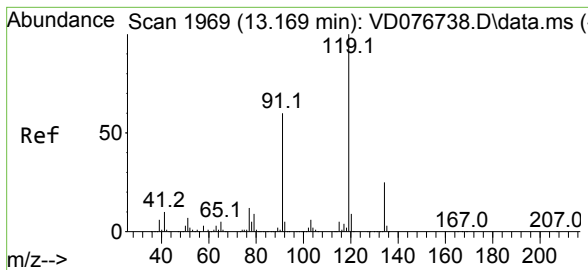
Tgt Ion:	75	Resp:	13851
Ion Ratio	Lower	Upper	
75	100		
53	78.0	63.0	94.4
89	45.3	37.9	56.9



#82
4-Chlorotoluene
Concen: 20.869 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion:	91	Resp:	165223
Ion Ratio	Lower	Upper	
91	100		
126	36.5	19.4	58.4

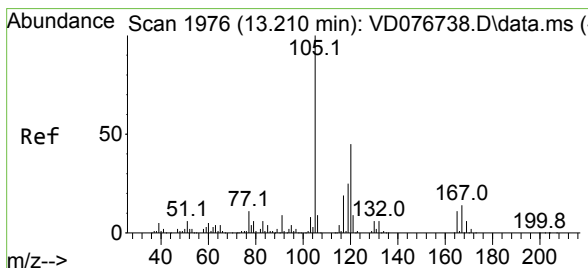
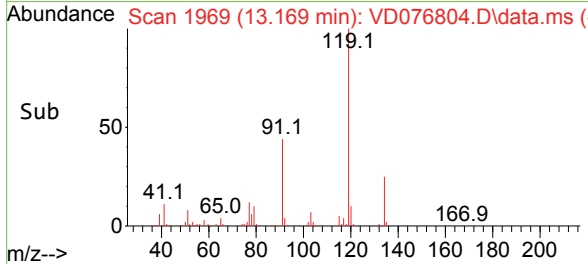
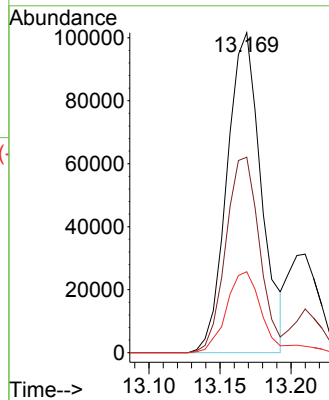
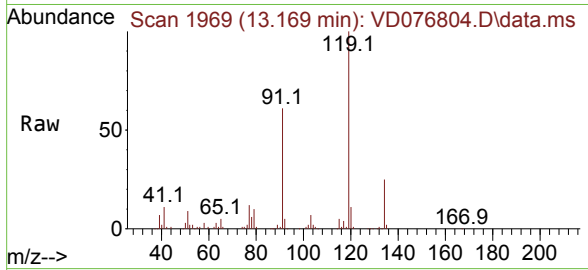




#83
 tert-Butylbenzene
 Concen: 21.065 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

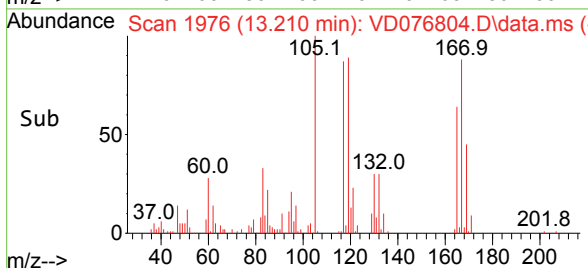
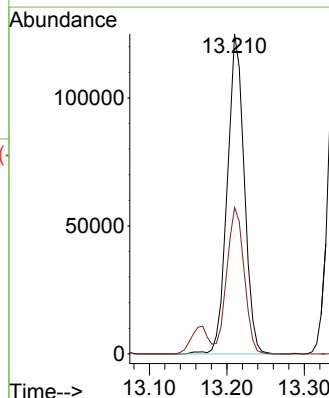
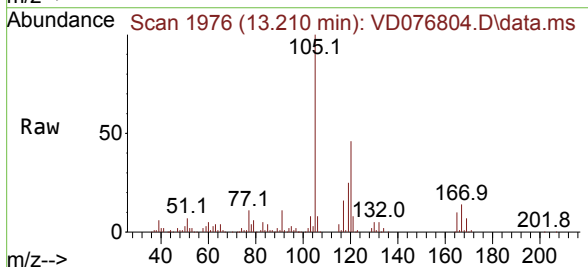
Instrument :
 MSVOA_D
 ClientSampleId :

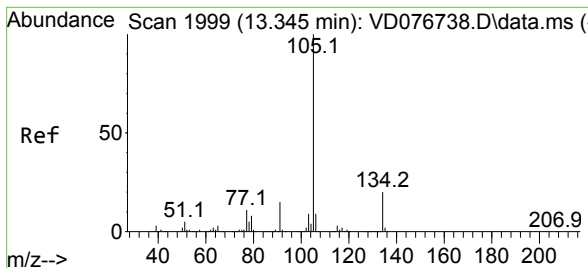
Tgt Ion:119 Resp: 170981
 Ion Ratio Lower Upper
 119 100
 91 60.1 29.3 87.8
 134 27.1 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 20.177 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Tgt Ion:105 Resp: 190082
 Ion Ratio Lower Upper
 105 100
 120 47.2 24.3 72.9

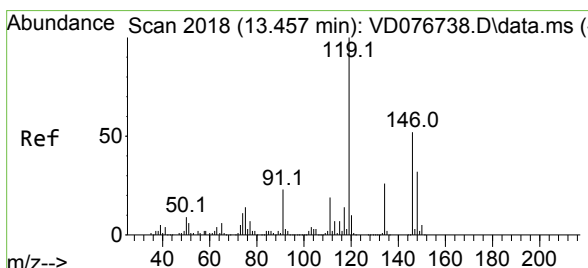
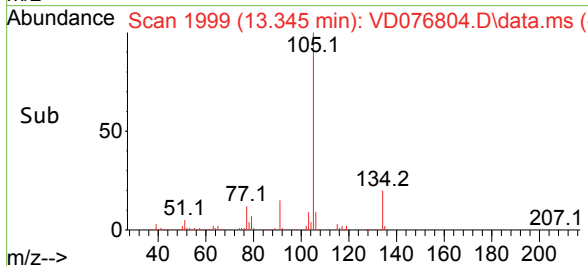
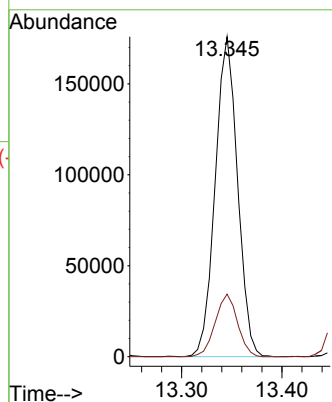
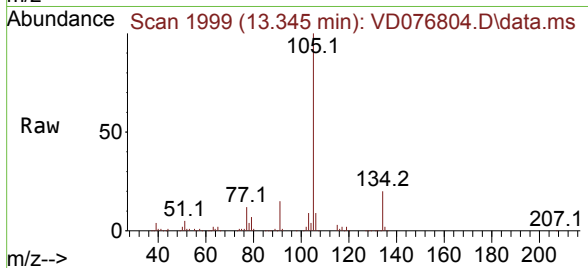




#85
 sec-Butylbenzene
 Concen: 21.877 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

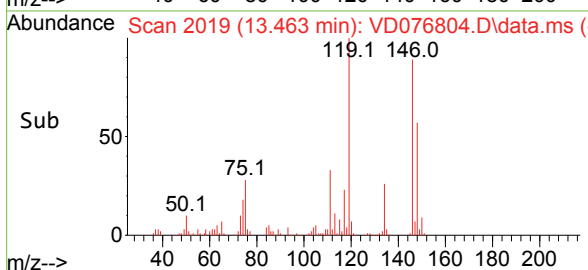
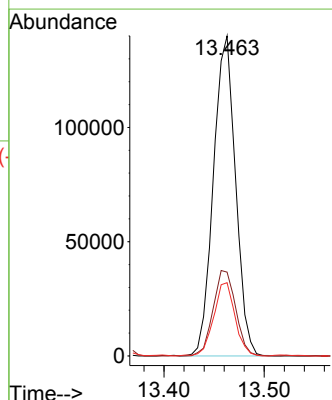
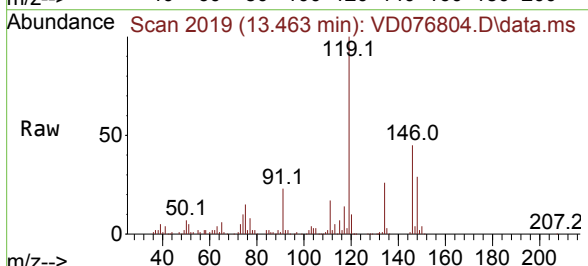
Instrument :
 MSVOA_D
 ClientSampleId :

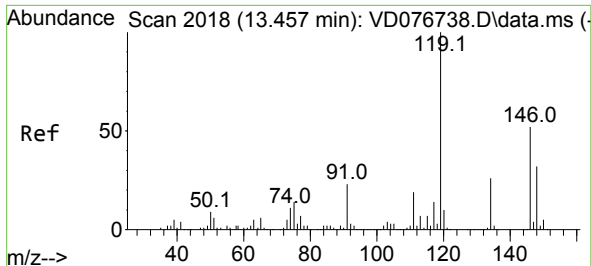
Tgt Ion:105 Resp: 271301
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 20.967 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Tgt Ion:119 Resp: 214741
 Ion Ratio Lower Upper
 119 100
 134 27.2 14.2 42.6
 91 22.2 10.5 31.5

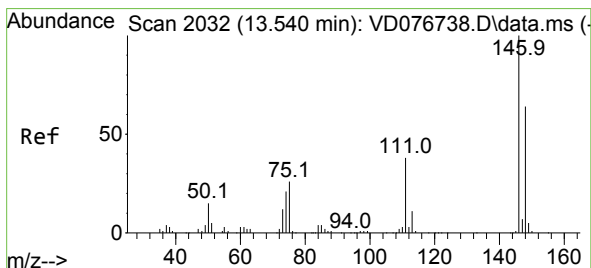
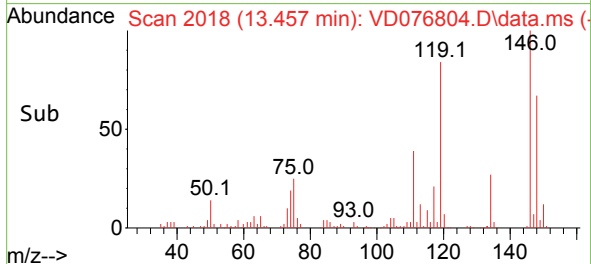
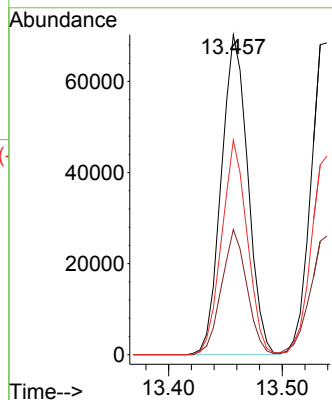
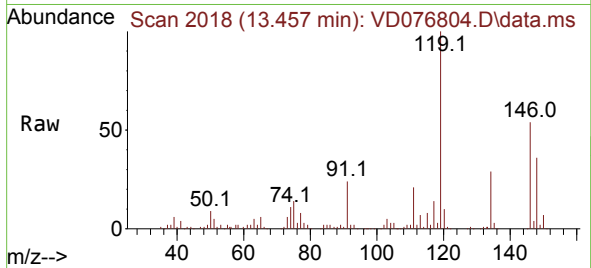




#87
1,3-Dichlorobenzene
Concen: 21.077 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

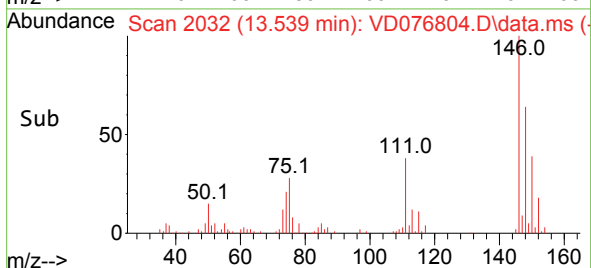
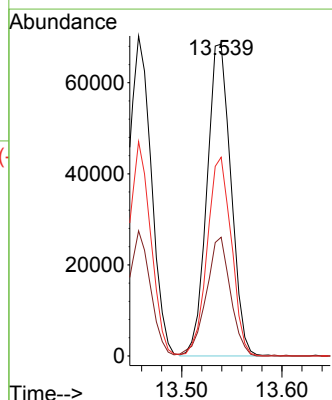
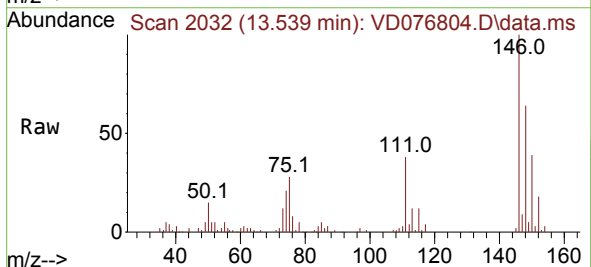
Instrument :
MSVOA_D
ClientSampleId :

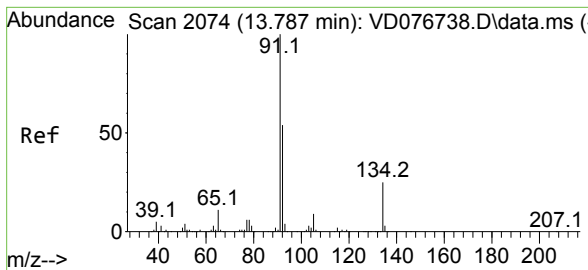
Tgt Ion:146 Resp: 114086
Ion Ratio Lower Upper
146 100
111 37.4 17.9 53.8
148 64.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 21.564 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion:146 Resp: 114359
Ion Ratio Lower Upper
146 100
111 38.4 17.4 52.3
148 64.0 31.7 95.1

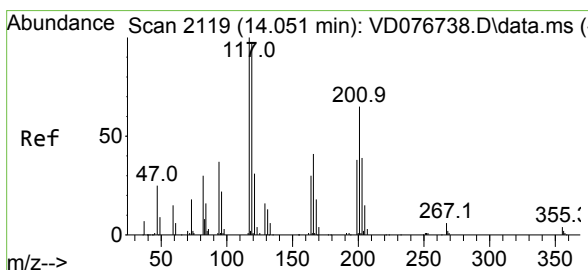
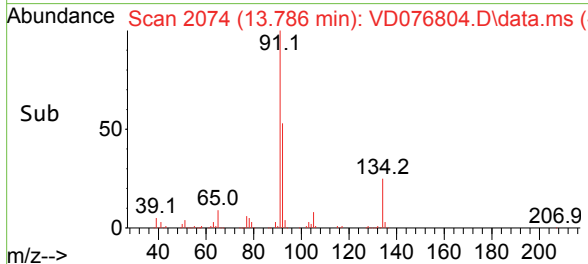
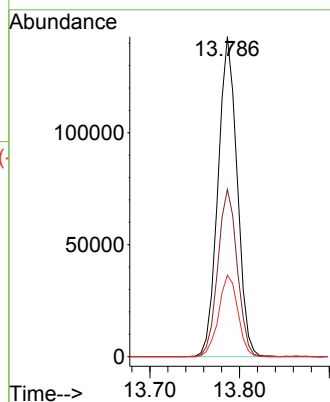
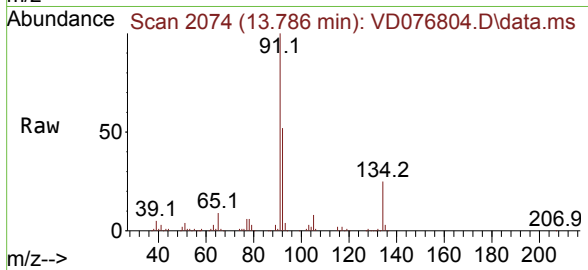




#89
n-Butylbenzene
Concen: 21.117 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

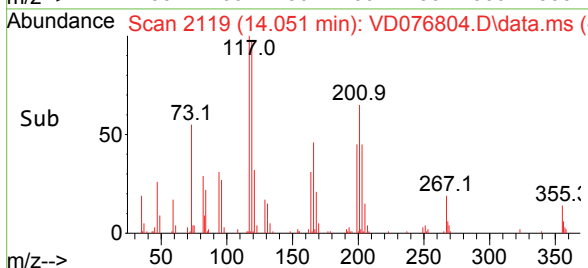
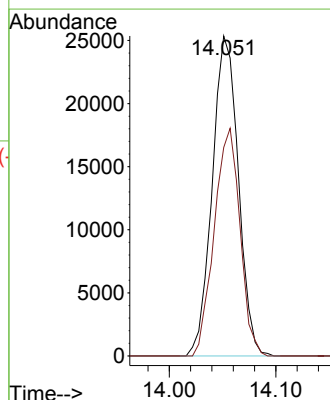
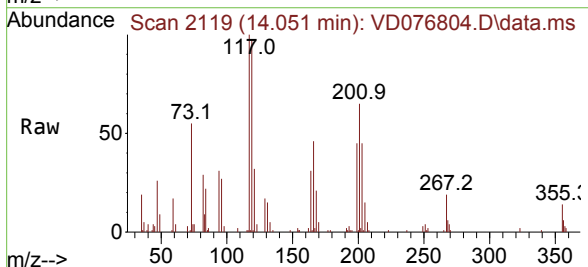
Instrument :
MSVOA_D
ClientSampleId :

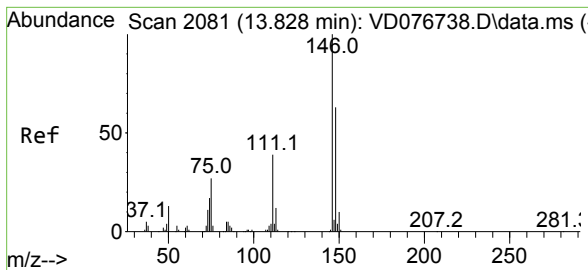
Tgt Ion: 91 Resp: 211636
Ion Ratio Lower Upper
91 100
92 52.8 26.5 79.5
134 25.7 13.8 41.3



#90
Hexachloroethane
Concen: 22.749 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076804.D
Acq: 26 Jul 2023 14:26

Tgt Ion: 117 Resp: 43075
Ion Ratio Lower Upper
117 100
201 70.3 38.5 115.5

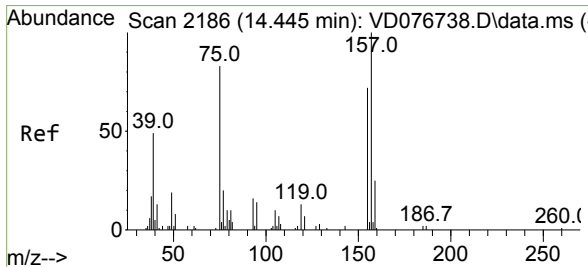
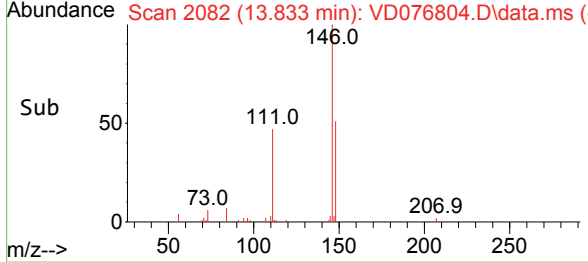
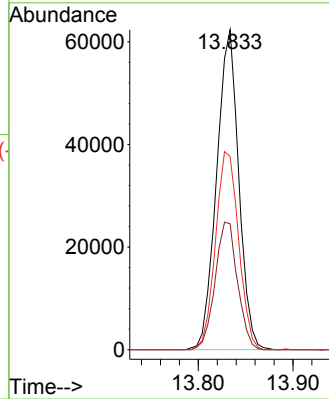
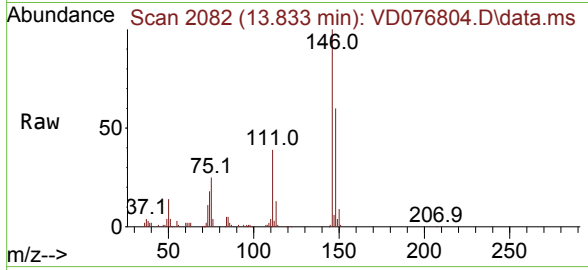




#91
 1,2-Dichlorobenzene
 Concen: 21.254 ug/l
 RT: 13.833 min Scan# 2081
 Delta R.T. 0.005 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

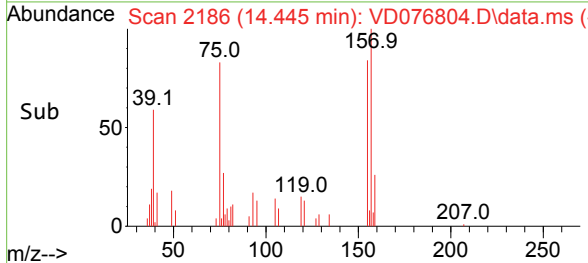
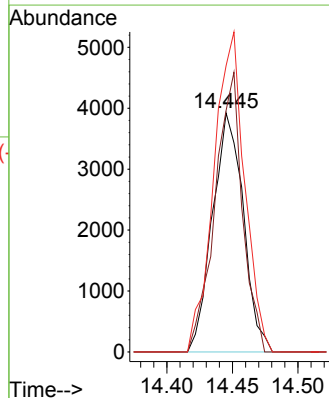
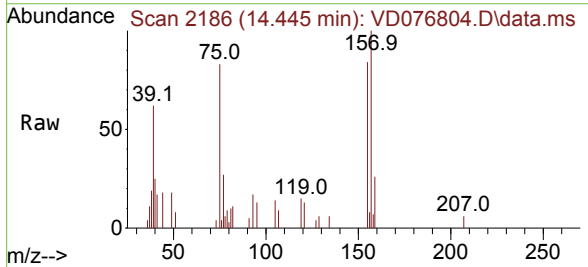
Instrument :
 MSVOA_D
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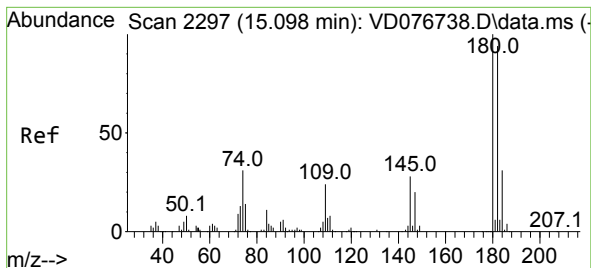
Tgt Ion:146 Resp: 101370
 Ion Ratio Lower Upper
 146 100
 111 40.4 18.3 54.8
 148 64.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.368 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD076804.D
 Acq: 26 Jul 2023 14:26

Tgt Ion: 75 Resp: 6411
 Ion Ratio Lower Upper
 75 100
 155 104.5 47.9 143.8
 157 133.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.410 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

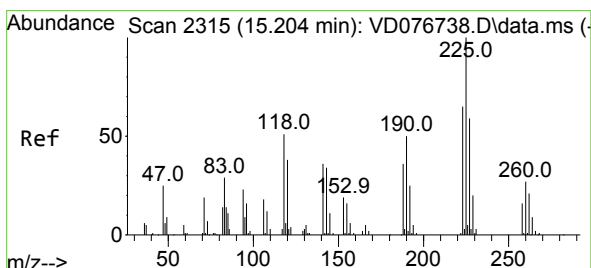
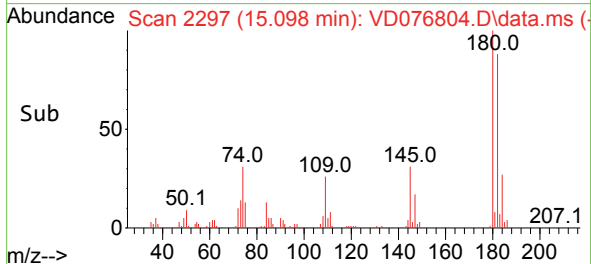
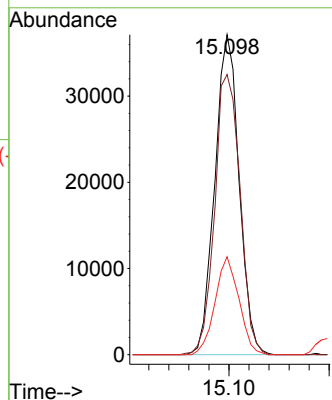
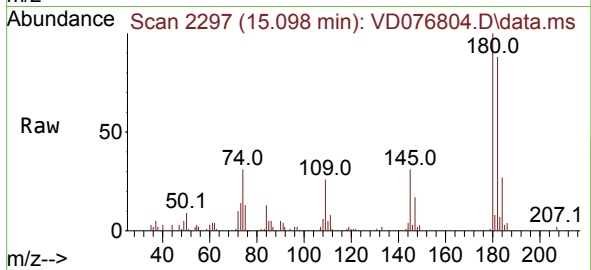
Tgt Ion:180 Resp: 62342

Ion Ratio Lower Upper

180 100

182 91.4 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 23.222 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

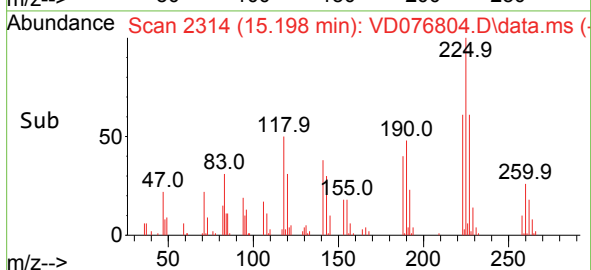
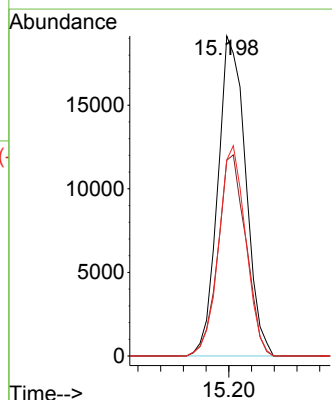
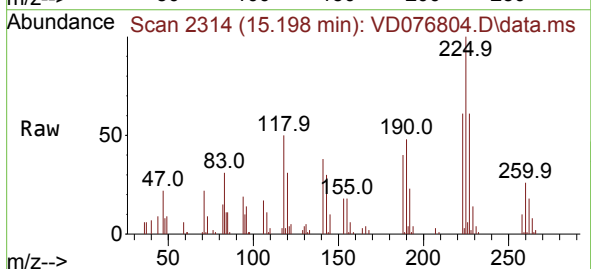
Tgt Ion:225 Resp: 32521

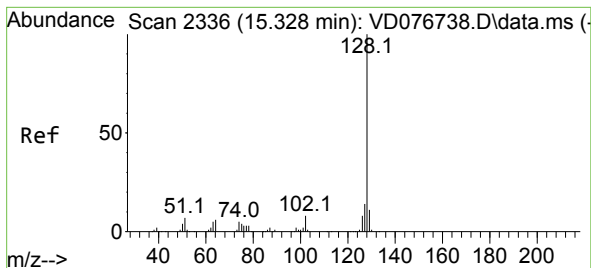
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 19.141 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076804.D

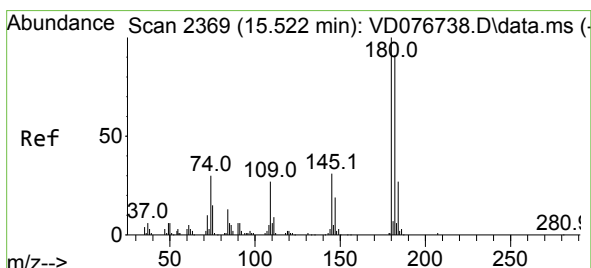
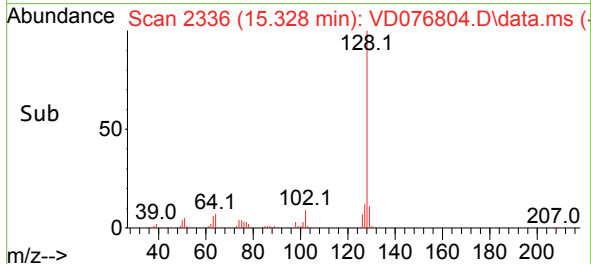
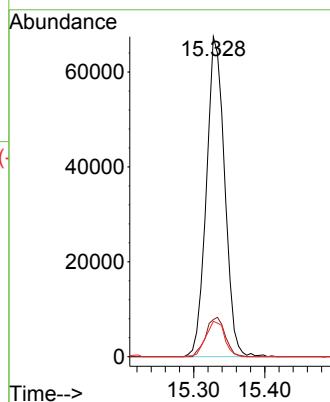
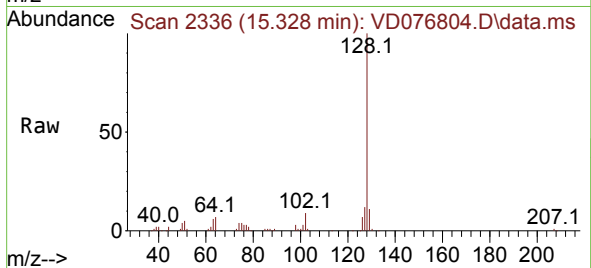
Acq: 26 Jul 2023 14:26

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	120679
Ion	Ratio	Lower	Upper
128	100		
127	11.6	10.5	15.7
129	11.1	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 21.279 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD076804.D

Acq: 26 Jul 2023 14:26

Tgt Ion:	180	Resp:	55603
Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	33.1	15.1	45.3

