

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032024\
 Data File : VD078718.D
 Acq On : 20 Mar 2024 16:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 21 04:46:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	110929	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	183468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	177549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97367	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	54704	52.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.240%	
35) Dibromofluoromethane	7.805	113	61011	51.649	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.300%	
50) Toluene-d8	10.269	98	245519	56.515	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.040%	
62) 4-Bromofluorobenzene	12.575	95	69968	55.052	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 110.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	57682	55.870	ug/l	99
3) Chloromethane	2.152	50	87007	53.374	ug/l	93
4) Vinyl Chloride	2.287	62	128771	53.549	ug/l	97
5) Bromomethane	2.699	94	114806	49.863	ug/l	99
6) Chloroethane	2.846	64	100218	53.439	ug/l	97
7) Trichlorofluoromethane	3.181	101	113357	59.585	ug/l	99
8) Diethyl Ether	3.599	74	30474	54.863	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.975	101	69259	58.008	ug/l	99
10) Methyl Iodide	4.169	142	82101	58.133	ug/l	97
11) Tert butyl alcohol	5.052	59	14288	307.109	ug/l	97
12) 1,1-Dichloroethene	3.946	96	65190	57.437	ug/l	83
13) Acrolein	3.793	56	16202	222.312	ug/l	96
14) Allyl chloride	4.564	41	74298	58.667	ug/l	97
15) Acrylonitrile	5.258	53	65394	292.049	ug/l	97
16) Acetone	4.022	43	59120	294.088	ug/l	99
17) Carbon Disulfide	4.275	76	207330	55.722	ug/l	96
18) Methyl Acetate	4.558	43	28931	67.059	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	135009	58.984	ug/l	97
20) Methylene Chloride	4.799	84	81335	60.354	ug/l	# 92
21) trans-1,2-Dichloroethene	5.311	96	80911	60.415	ug/l	88
22) Diisopropyl ether	6.216	45	172221	59.813	ug/l	93
23) Vinyl Acetate	6.152	43	501169	297.563	ug/l	99
24) 1,1-Dichloroethane	6.111	63	126430	58.566	ug/l	96
25) 2-Butanone	7.081	43	76332	285.600	ug/l	98
26) 2,2-Dichloropropane	7.075	77	109376	59.885	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	87694	57.410	ug/l	99
28) Bromochloromethane	7.422	49	51488	66.900	ug/l	100
29) Tetrahydrofuran	7.446	42	44187	303.965	ug/l	97
30) Chloroform	7.593	83	137364	57.069	ug/l	100
31) Cyclohexane	7.875	56	99313	56.836	ug/l	93
32) 1,1,1-Trichloroethane	7.799	97	120055	58.788	ug/l	99
36) 1,1-Dichloropropene	8.010	75	106058	61.880	ug/l	99
37) Ethyl Acetate	7.169	43	31151	55.635	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	110434	61.119	ug/l	96
39) Methylcyclohexane	9.275	83	124616	62.678	ug/l	99
40) Benzene	8.252	78	309233	59.686	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	17704	60.337	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	76519	60.562	ug/l	98
43) Isopropyl Acetate	8.363	43	61990	60.878	ug/l	98
44) Trichloroethene	9.028	130	83408	59.322	ug/l	97
45) 1,2-Dichloropropane	9.305	63	75839	61.706	ug/l	97
46) Dibromomethane	9.393	93	42709	57.970	ug/l	98
47) Bromodichloromethane	9.581	83	105444	60.121	ug/l	94
48) Methyl methacrylate	9.381	41	28581	57.605	ug/l	95
49) 1,4-Dioxane	9.387	88	8044	1179.223	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	161169	302.754	ug/l	99
52) Toluene	10.334	92	207391	62.176	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	96816	60.375	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	115508	59.919	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	57464	58.245	ug/l	97
56) Ethyl methacrylate	10.599	69	60388	61.057	ug/l	96
57) 1,3-Dichloropropane	10.881	76	94959	59.650	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	136830	313.756	ug/l	100
59) 2-Hexanone	10.922	43	118521	300.335	ug/l	99
60) Dibromochloromethane	11.075	129	72552	59.631	ug/l	98
61) 1,2-Dibromoethane	11.181	107	54291	56.862	ug/l	97
64) Tetrachloroethene	10.810	164	69735	59.352	ug/l	96
65) Chlorobenzene	11.604	112	212606	57.303	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80328	59.117	ug/l	99
67) Ethyl Benzene	11.687	91	388962	61.521	ug/l	95
68) m/p-Xylenes	11.793	106	315739	122.982	ug/l	99
69) o-Xylene	12.122	106	145238	61.142	ug/l	99
70) Styrene	12.134	104	252746	63.393	ug/l	99
71) Bromoform	12.304	173	43828	59.685	ug/l #	98
73) Isopropylbenzene	12.422	105	376473	58.726	ug/l	98
74) N-amyl acetate	12.234	43	57613	55.353	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	65909	55.538	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	76980	102.619	ug/l #	100
77) Bromobenzene	12.704	156	89503	56.297	ug/l	99
78) n-propylbenzene	12.763	91	467649	59.930	ug/l	100
79) 2-Chlorotoluene	12.851	91	242941	56.751	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	322127	60.764	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	19917	55.654	ug/l	95
82) 4-Chlorotoluene	12.945	91	256905	56.740	ug/l	100
83) tert-Butylbenzene	13.169	119	276691	60.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	319328	59.772	ug/l	97
85) sec-Butylbenzene	13.345	105	421991	61.004	ug/l	99
86) p-Isopropyltoluene	13.463	119	362847	61.272	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	195448	58.256	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	189252	57.238	ug/l	98
89) n-Butylbenzene	13.787	91	329597	61.628	ug/l	99
90) Hexachloroethane	14.057	117	70260	57.340	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	164486	56.925	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	8789	55.362	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	96305	57.109	ug/l	95
94) Hexachlorobutadiene	15.204	225	51618	56.540	ug/l	97
95) Naphthalene	15.334	128	169370	57.768	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	83771	57.421	ug/l	98

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Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration

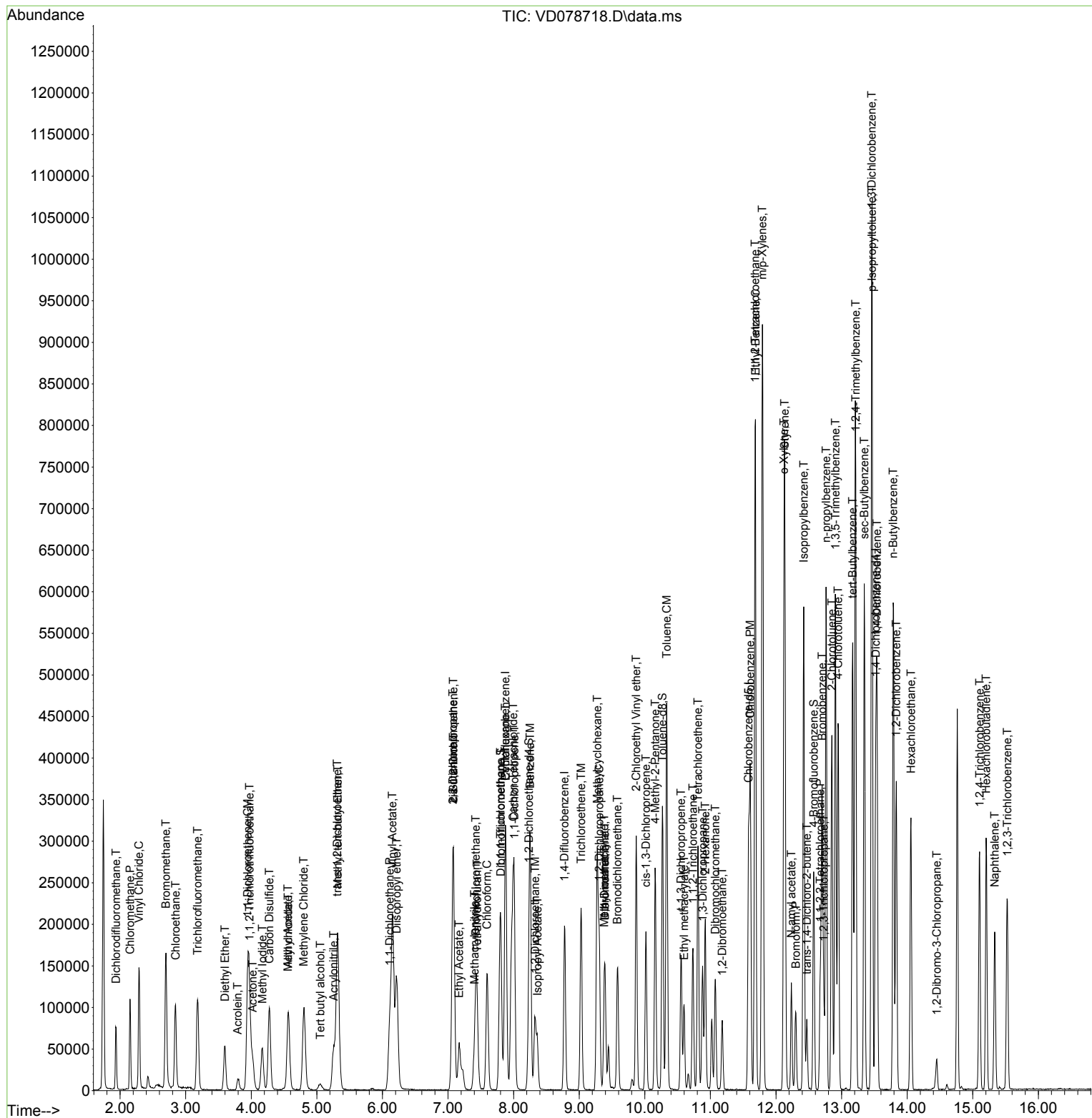
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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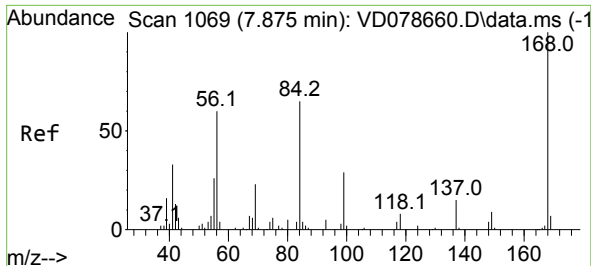
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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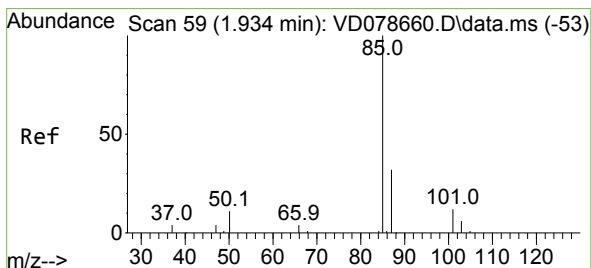
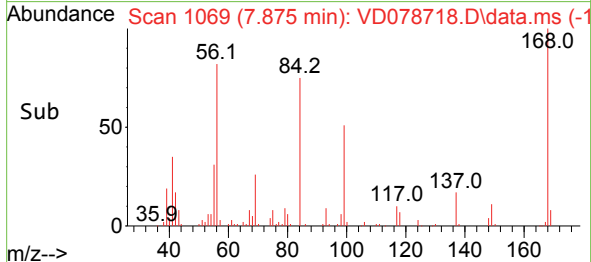
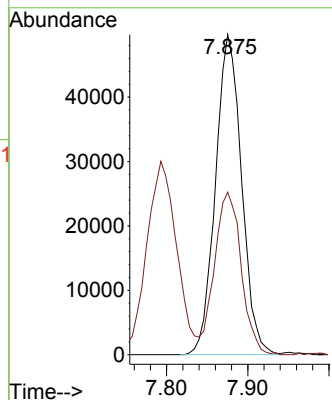
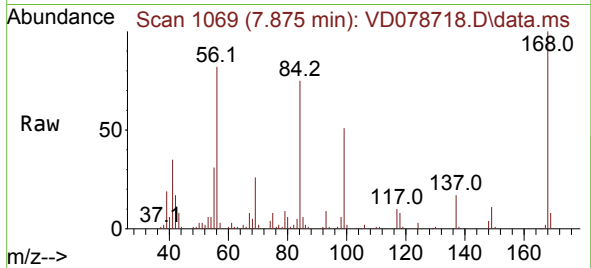




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD078718.D
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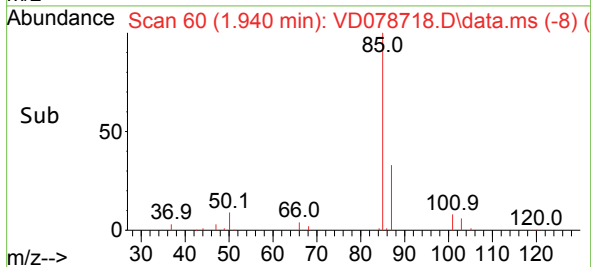
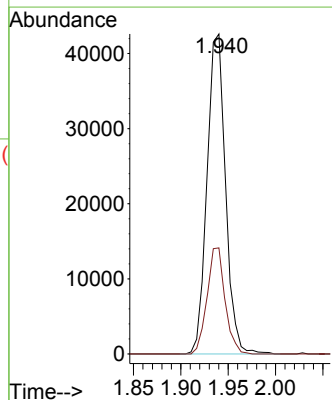
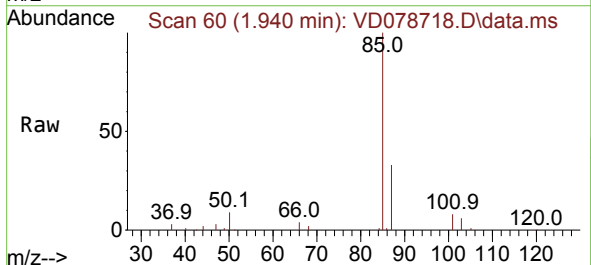
Instrument :
MSVOA_D
ClientSampleId :

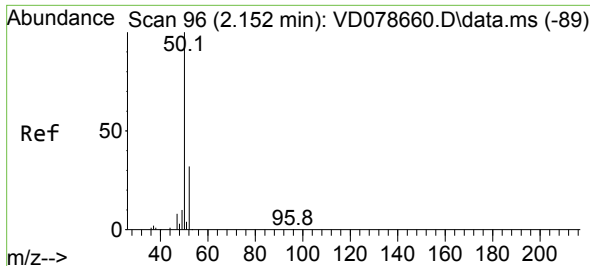
Tgt Ion:168 Resp: 110929
Ion Ratio Lower Upper
168 100
99 50.8 38.8 58.2



#2
Dichlorodifluoromethane
Concen: 55.870 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 85 Resp: 57682
Ion Ratio Lower Upper
85 100
87 33.1 16.2 48.5

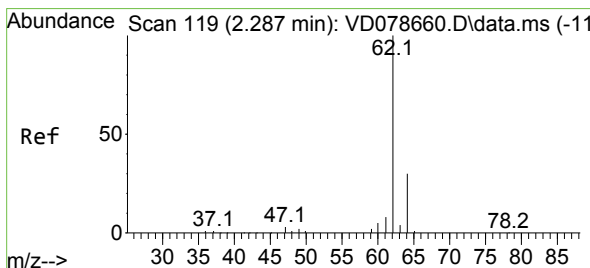
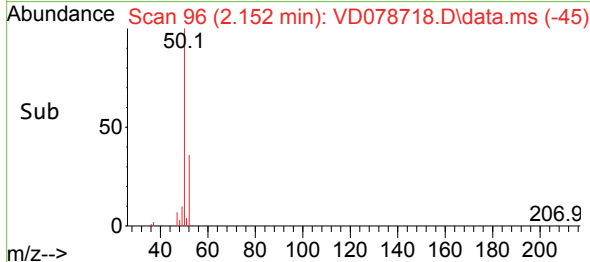
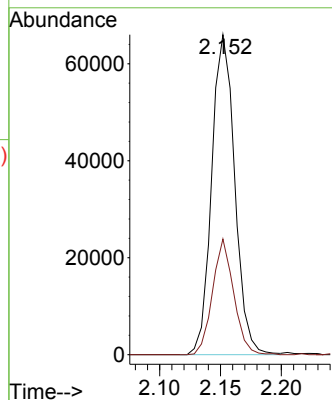
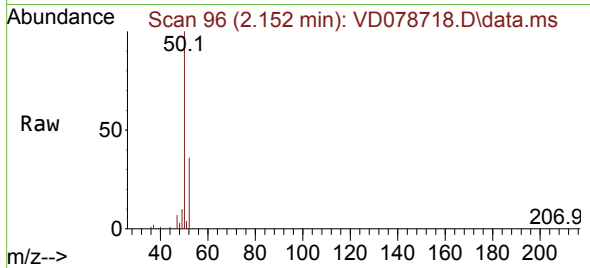




#3
Chloromethane
Concen: 53.374 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

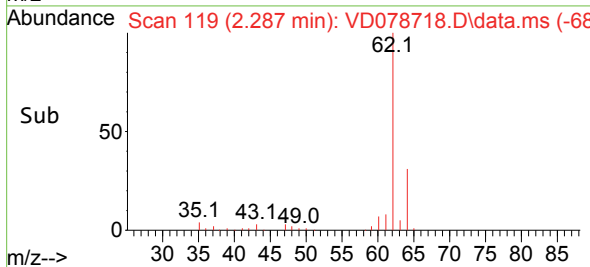
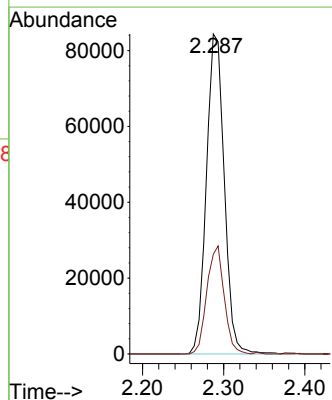
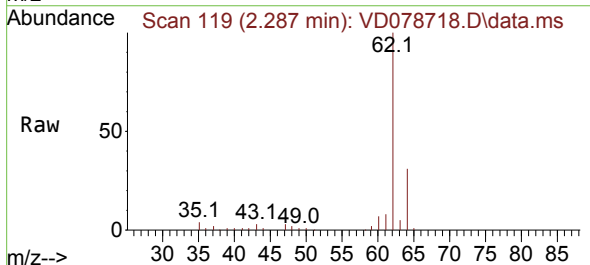
Instrument :
MSVOA_D
ClientSampleId :

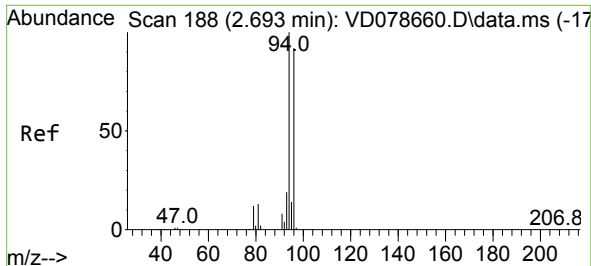
Tgt Ion: 50 Resp: 87007
Ion Ratio Lower Upper
50 100
52 36.1 25.6 38.4



#4
Vinyl Chloride
Concen: 53.549 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 62 Resp: 128771
Ion Ratio Lower Upper
62 100
64 31.2 23.7 35.5

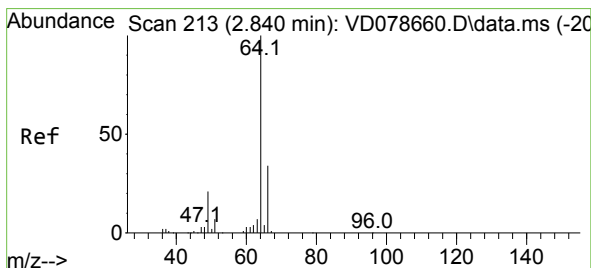
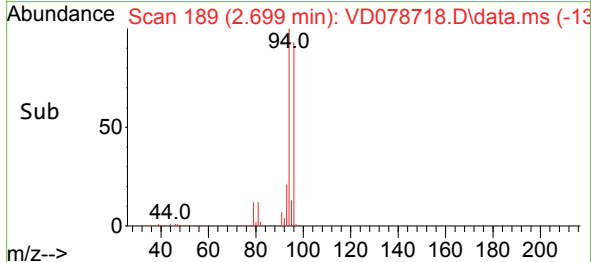
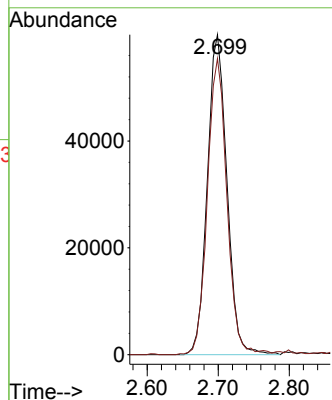
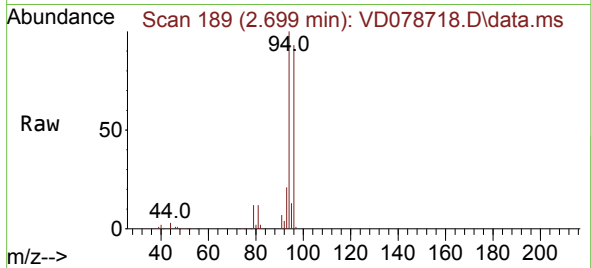




#5
Bromomethane
Concen: 49.863 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

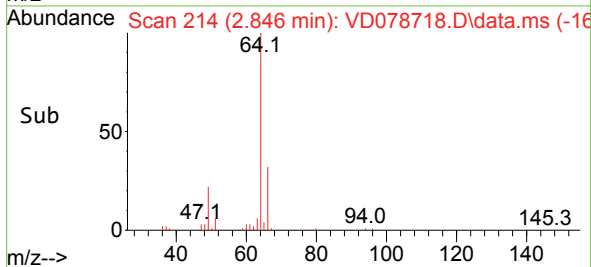
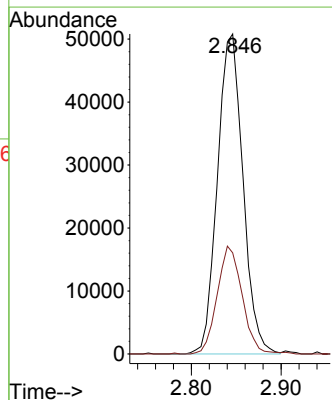
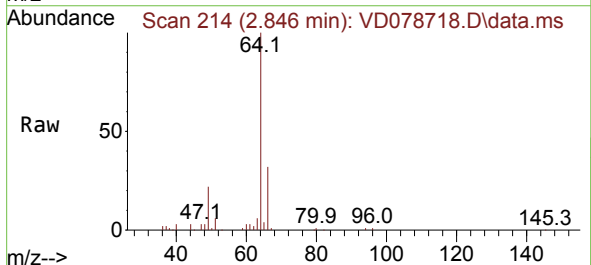
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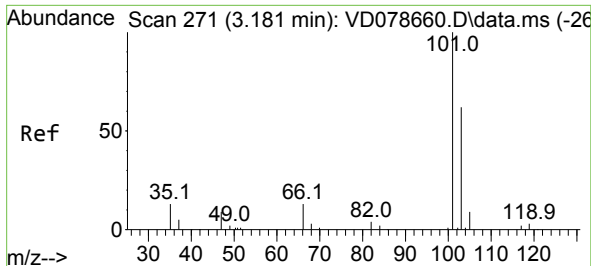
Tgt Ion: 94 Resp: 114806
Ion Ratio Lower Upper
94 100
96 92.5 73.5 110.3



#6
Chloroethane
Concen: 53.439 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 64 Resp: 100218
Ion Ratio Lower Upper
64 100
66 31.6 26.8 40.2

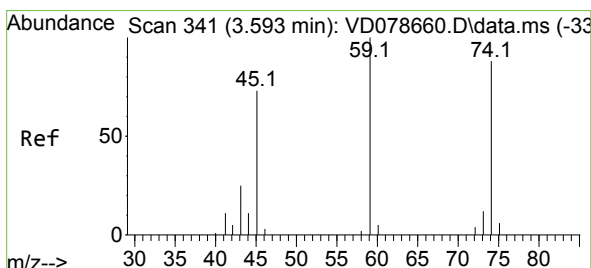
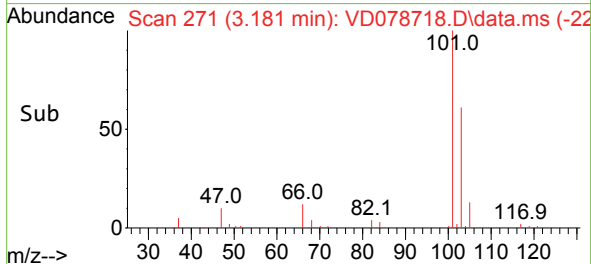
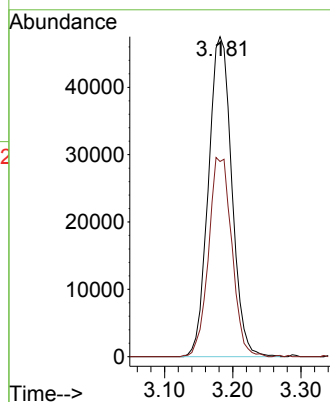
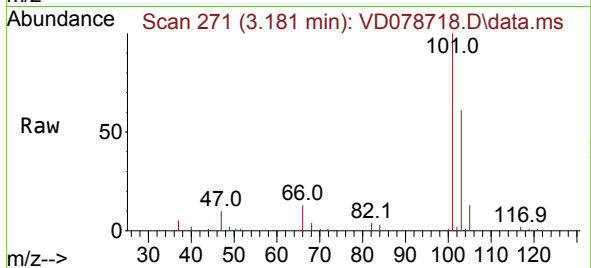




#7
 Trichlorofluoromethane
 Concen: 59.585 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

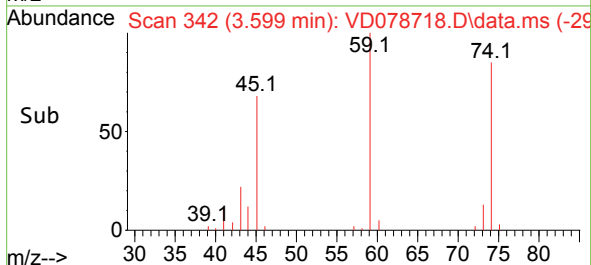
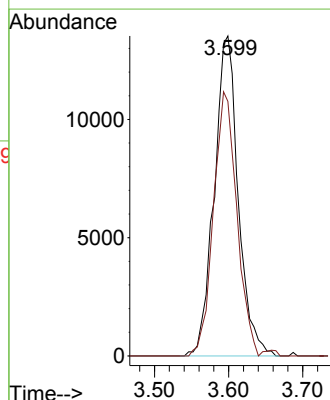
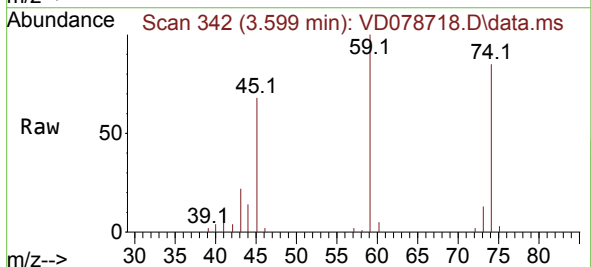
Instrument :
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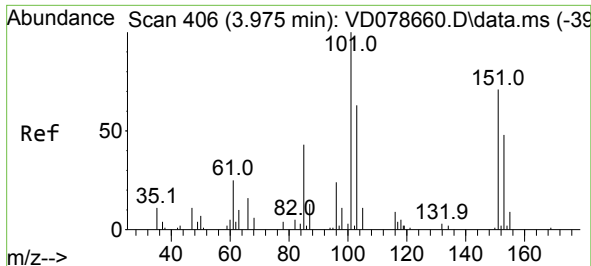
Tgt Ion:101 Resp: 113357
 Ion Ratio Lower Upper
 101 100
 103 61.0 49.7 74.5



#8
 Diethyl Ether
 Concen: 54.863 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

Tgt Ion: 74 Resp: 30474
 Ion Ratio Lower Upper
 74 100
 45 80.7 42.4 127.3

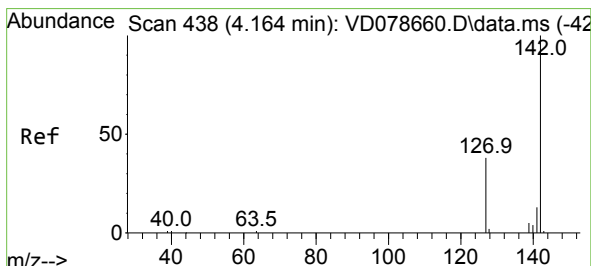
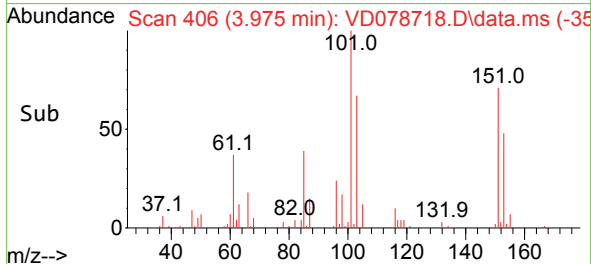
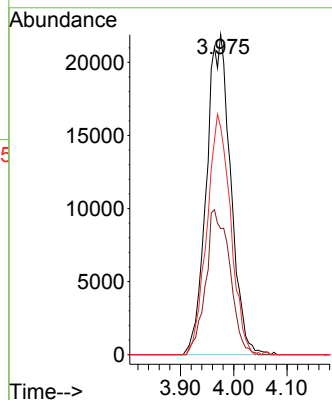
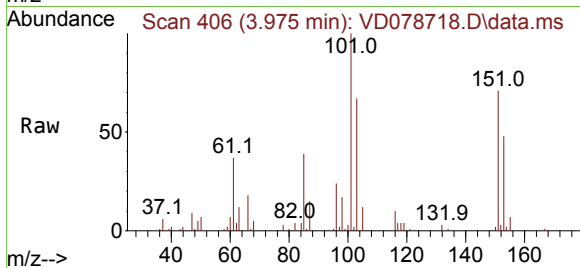




#9
1,1,2-Trichlorotrifluoroethane
Concen: 58.008 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

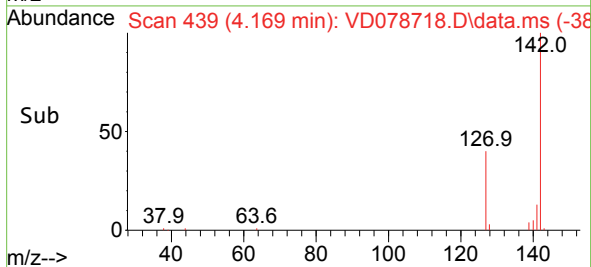
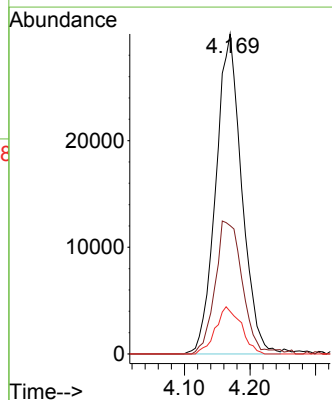
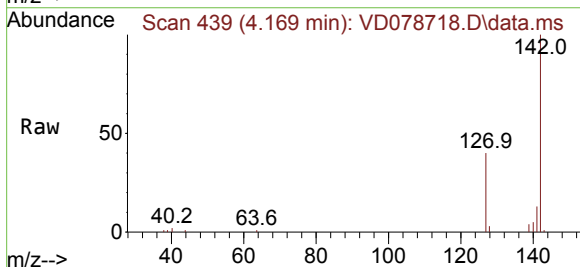
Instrument :
MSVOA_D
ClientSampleId :

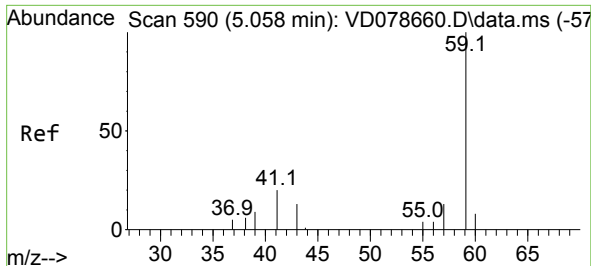
Tgt Ion:101 Resp: 69259
Ion Ratio Lower Upper
101 100
85 45.0 35.8 53.6
151 72.9 59.4 89.2



#10
Methyl Iodide
Concen: 58.133 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:142 Resp: 82101
Ion Ratio Lower Upper
142 100
127 44.1 33.5 50.3
141 14.6 11.7 17.5

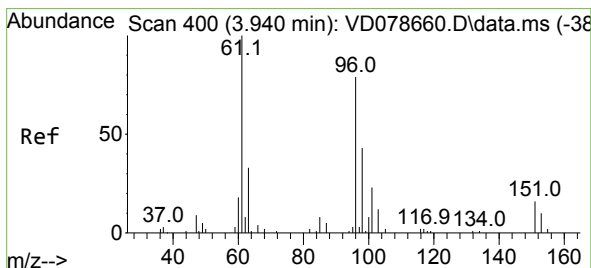
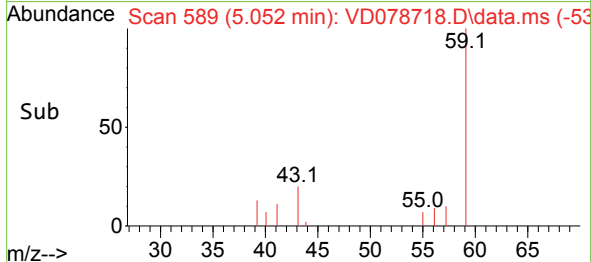
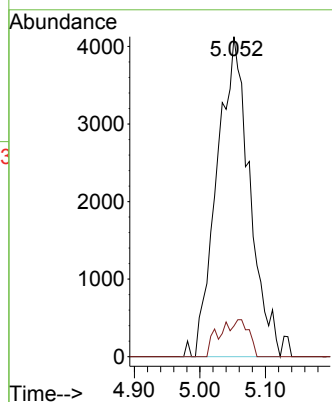
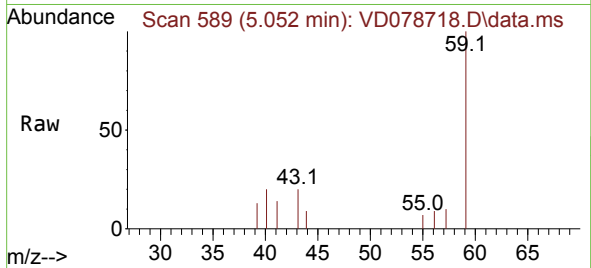




#11
Tert butyl alcohol
Concen: 307.109 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

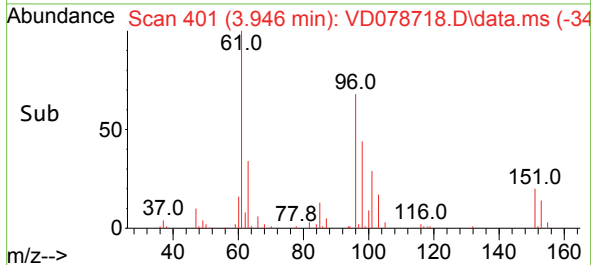
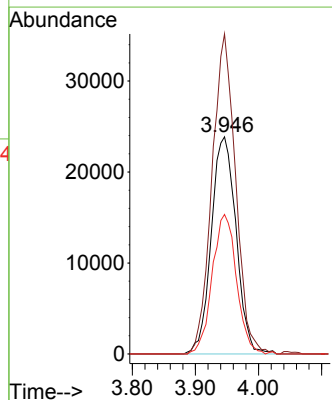
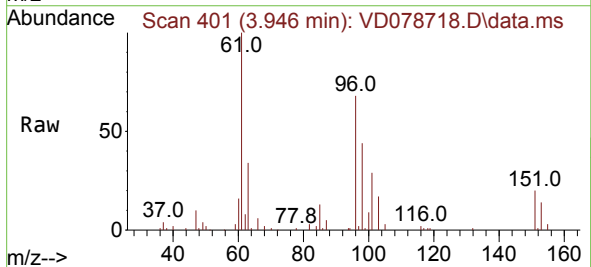
Instrument :
MSVOA_D
ClientSampleId :

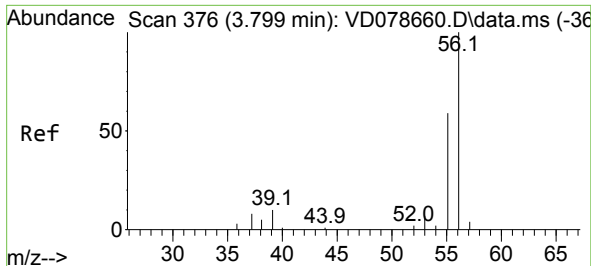
Tgt Ion: 59 Resp: 14288
Ion Ratio Lower Upper
59 100
57 8.2 7.4 11.0



#12
1,1-Dichloroethene
Concen: 57.437 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 96 Resp: 65190
Ion Ratio Lower Upper
96 100
61 147.4 101.4 152.0
98 64.3 43.4 65.0





#13

Acrolein

Concen: 222.312 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

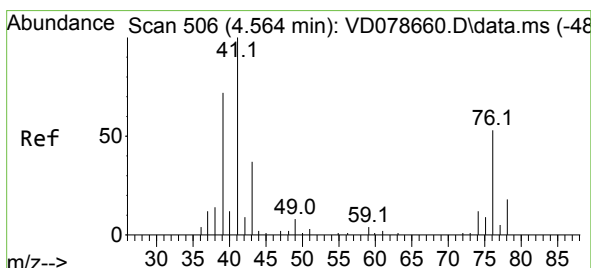
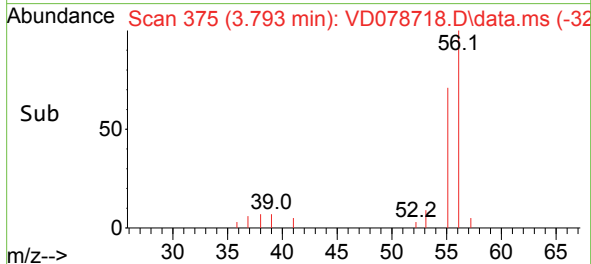
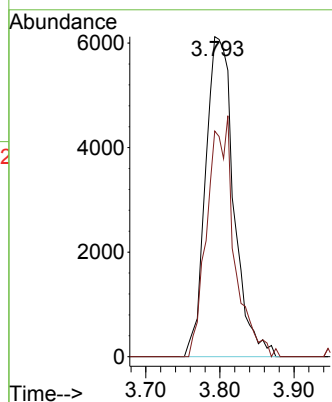
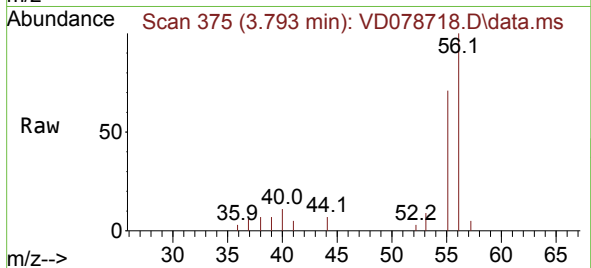
ClientSampleId :

Tgt Ion: 56 Resp: 16202

Ion Ratio Lower Upper

56 100

55 72.2 54.9 82.3



#14

Allyl chloride

Concen: 58.667 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

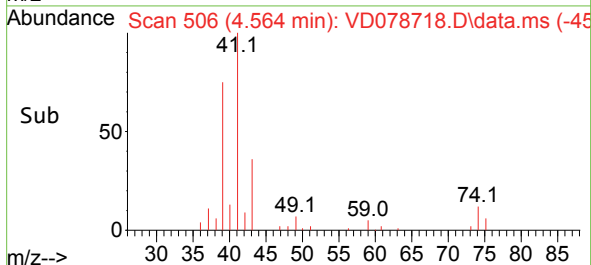
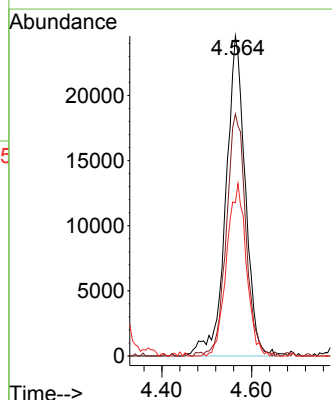
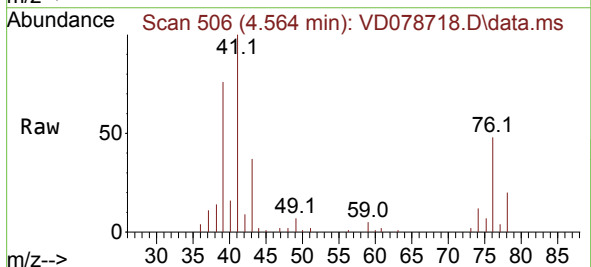
Tgt Ion: 41 Resp: 74298

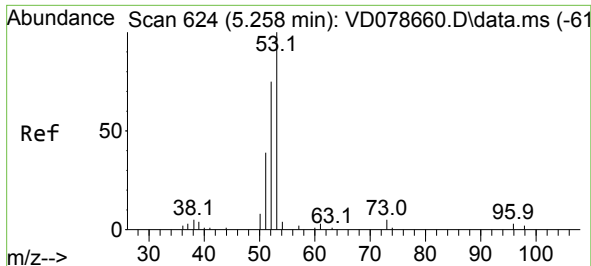
Ion Ratio Lower Upper

41 100

39 75.5 57.8 86.6

76 54.5 44.8 67.2

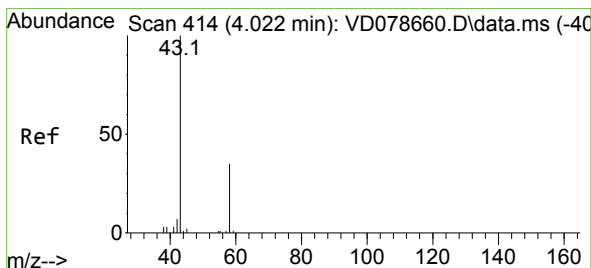
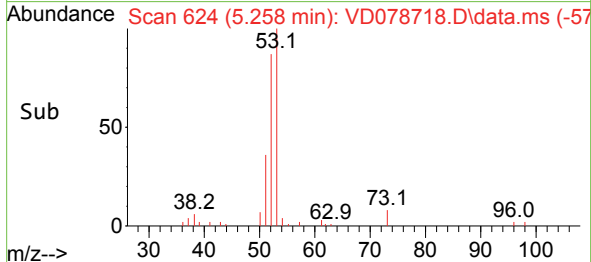
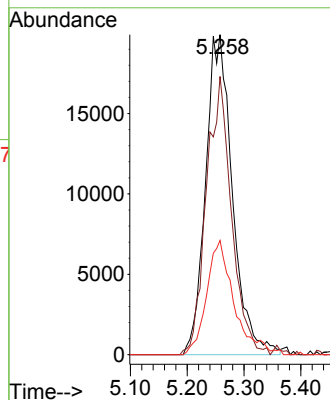
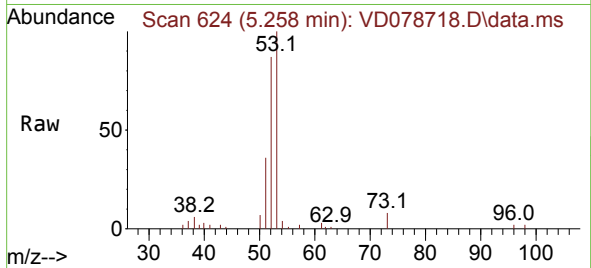




#15
Acrylonitrile
Concen: 292.049 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

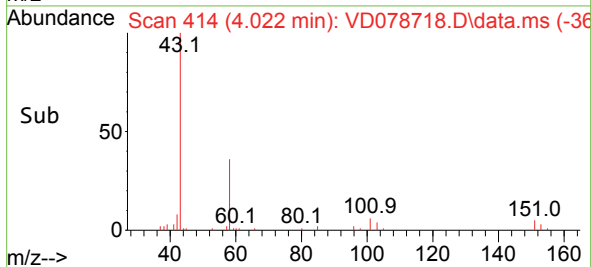
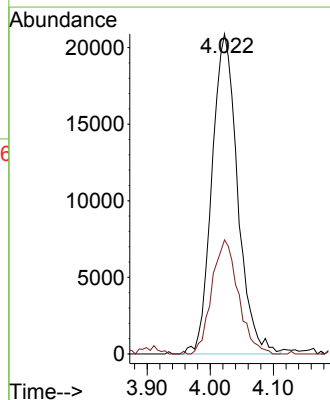
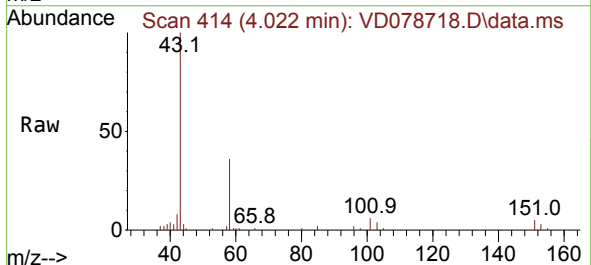
Instrument :
MSVOA_D
ClientSampleId :

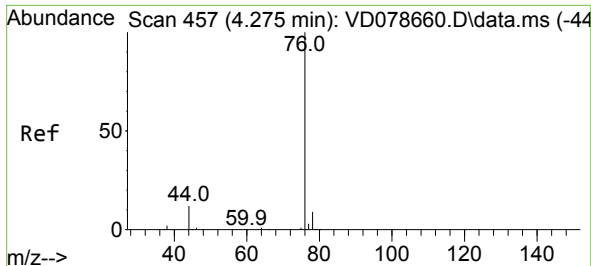
Tgt Ion: 53 Resp: 65394
Ion Ratio Lower Upper
53 100
52 81.1 61.9 92.9
51 36.5 29.0 43.4



#16
Acetone
Concen: 294.088 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 43 Resp: 59120
Ion Ratio Lower Upper
43 100
58 35.7 28.2 42.4

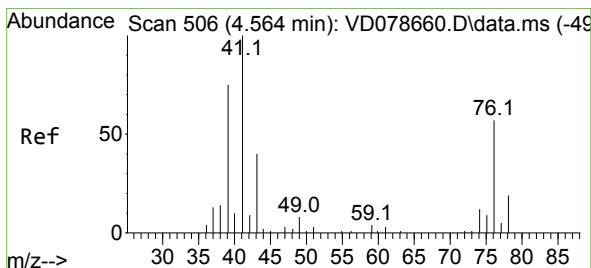
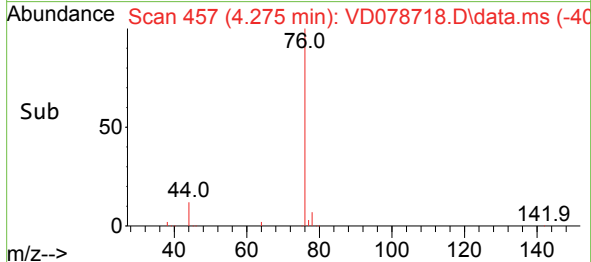
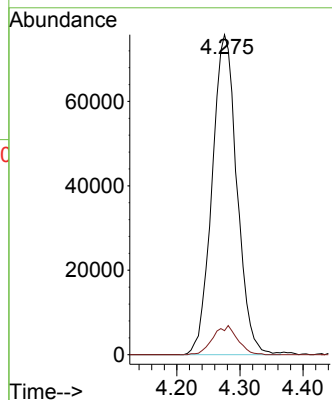
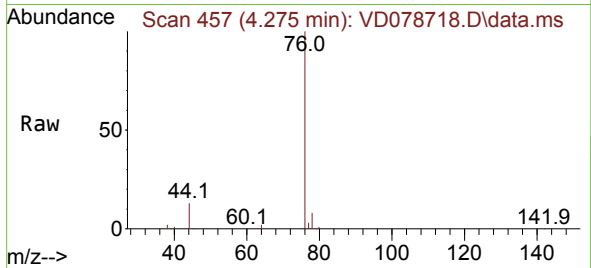




#17
Carbon Disulfide
Concen: 55.722 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

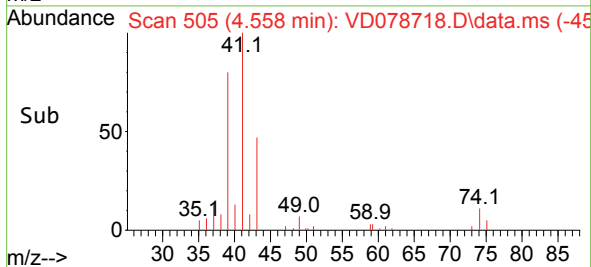
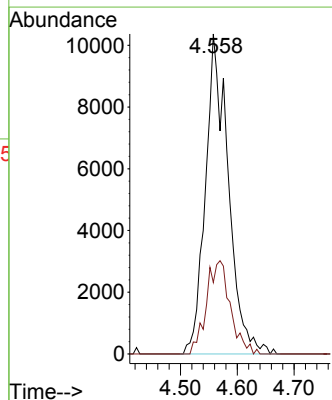
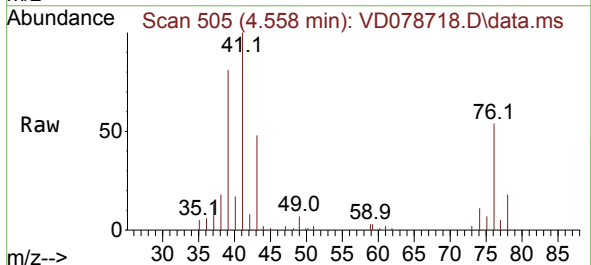
Instrument :
MSVOA_D
ClientSampleId :

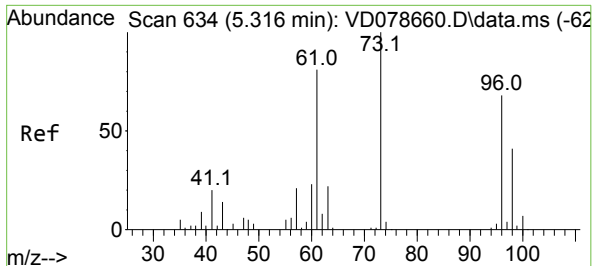
Tgt Ion: 76 Resp: 207330
Ion Ratio Lower Upper
76 100
78 7.5 7.3 10.9



#18
Methyl Acetate
Concen: 67.059 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 43 Resp: 28931
Ion Ratio Lower Upper
43 100
74 30.4 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 58.984 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

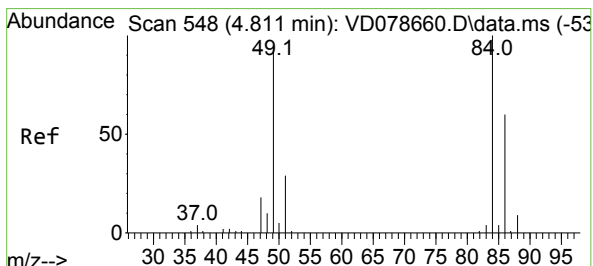
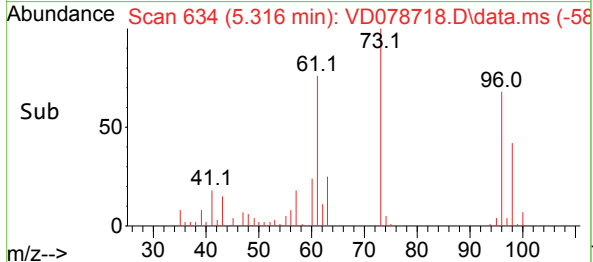
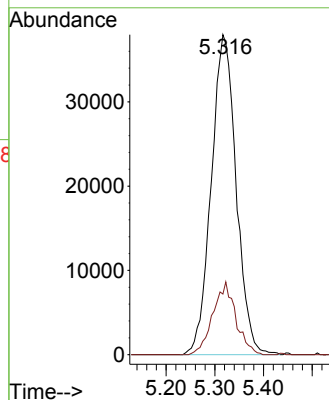
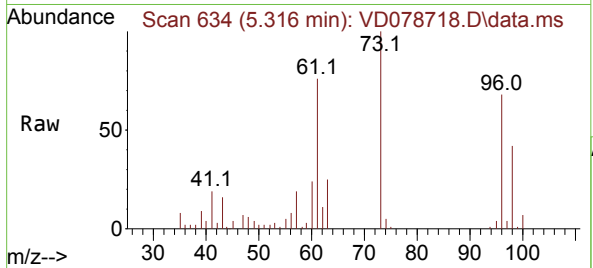
ClientSampleId :

Tgt Ion: 73 Resp: 135009

Ion Ratio Lower Upper

73 100

57 19.0 16.4 24.6



#20

Methylene Chloride

Concen: 60.354 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.012 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Tgt Ion: 84 Resp: 81335

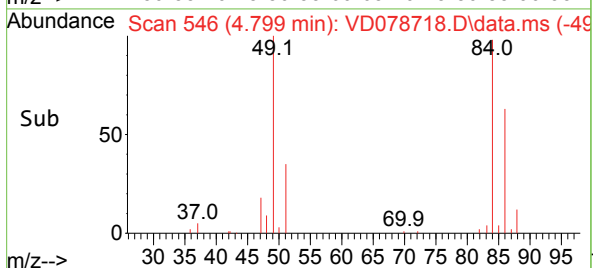
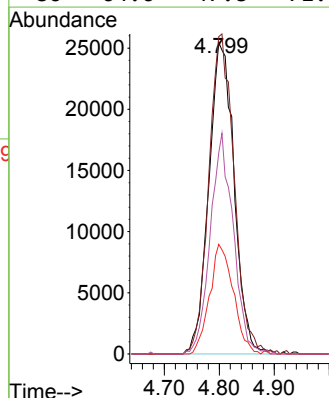
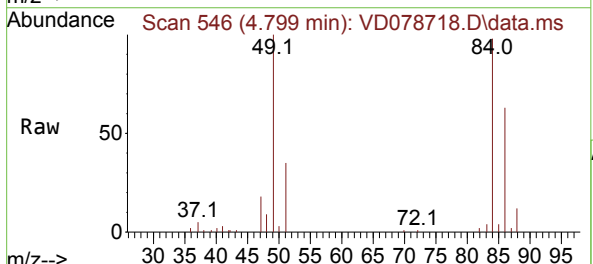
Ion Ratio Lower Upper

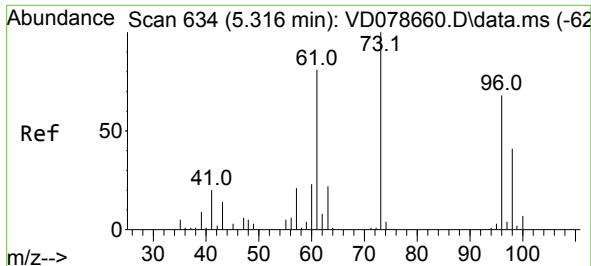
84 100

49 101.9 75.6 113.4

51 35.2 23.4 35.0#

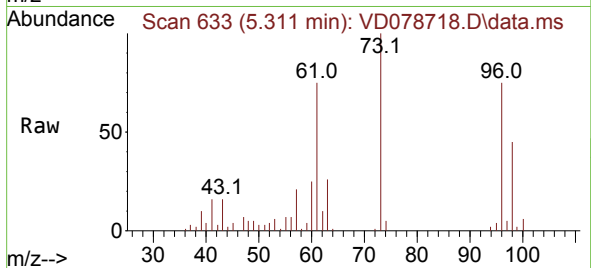
86 64.6 47.8 71.6



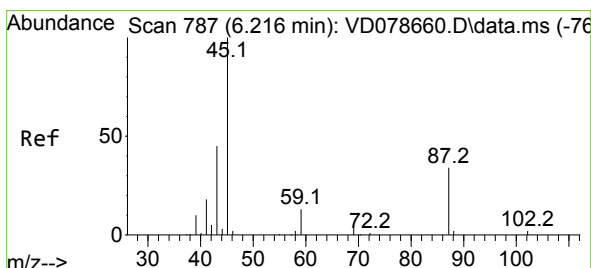
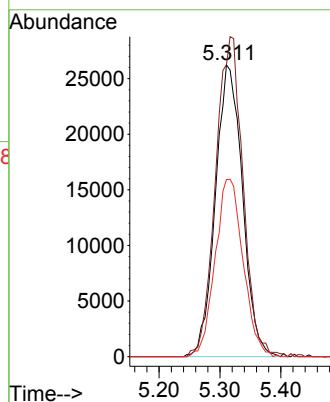
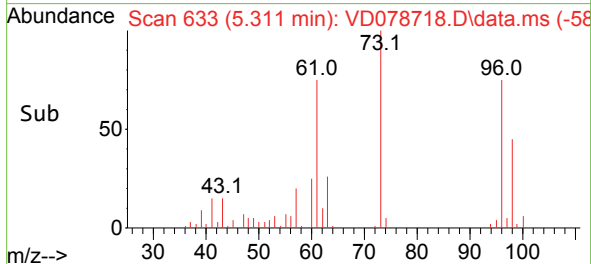


#21
trans-1,2-Dichloroethene
Concen: 60.415 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Instrument :
MSVOA_D
ClientSampleId :

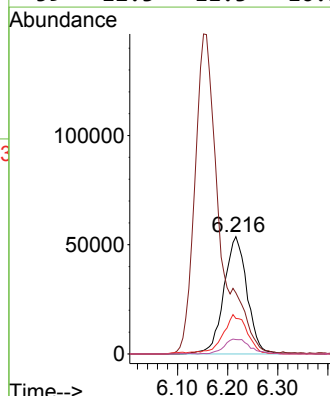
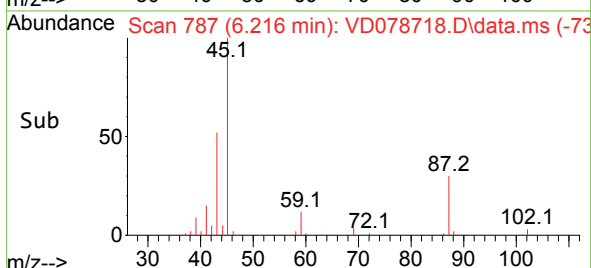
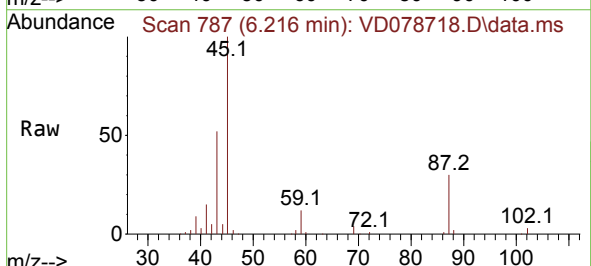


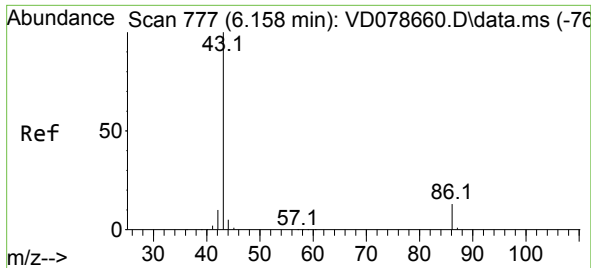
Tgt Ion: 96 Resp: 80911
Ion Ratio Lower Upper
96 100
61 100.1 96.1 144.1
98 60.7 48.9 73.3



#22
Diisopropyl ether
Concen: 59.813 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 45 Resp: 172221
Ion Ratio Lower Upper
45 100
43 50.9 44.3 66.5
87 30.0 28.3 42.5
59 12.3 11.3 16.9

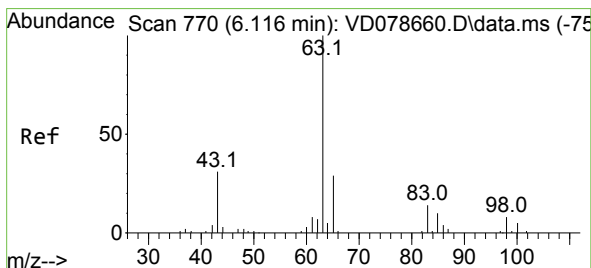
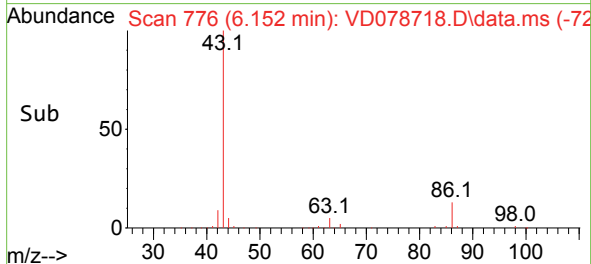
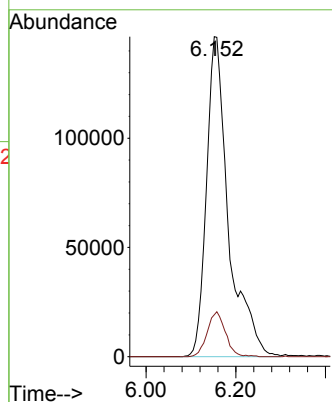
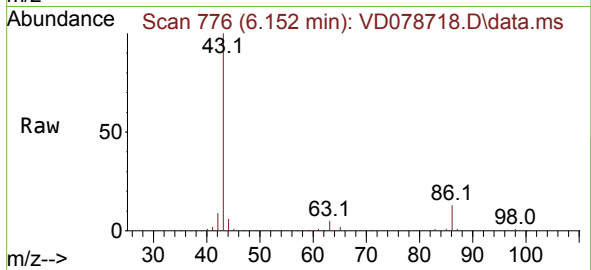




#23
 Vinyl Acetate
 Concen: 297.563 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

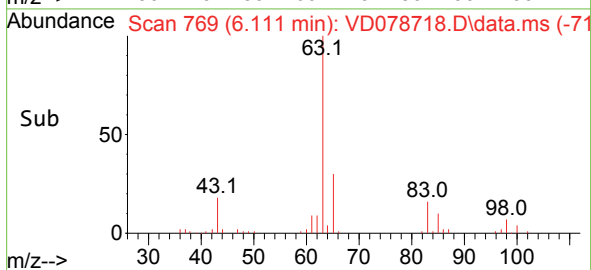
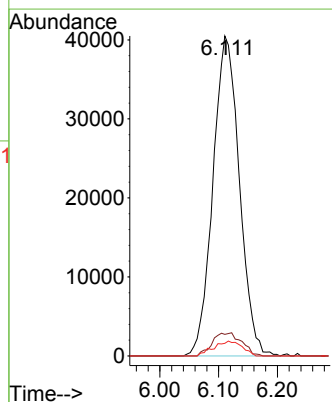
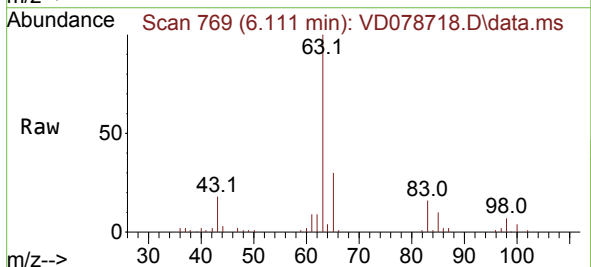
Instrument :
 MSVOA_D
 ClientSampleId :

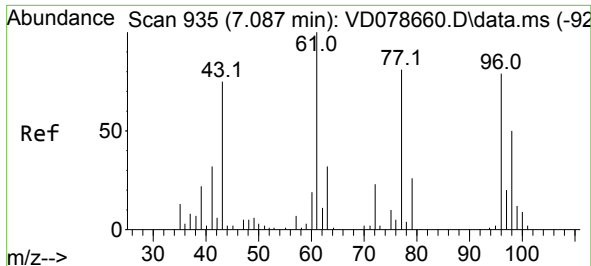
Tgt Ion: 43 Resp: 501169
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.7 16.1



#24
 1,1-Dichloroethane
 Concen: 58.566 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

Tgt Ion: 63 Resp: 126430
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 11.9
 100 4.0 2.7 8.1





#25

2-Butanone

Concen: 285.600 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

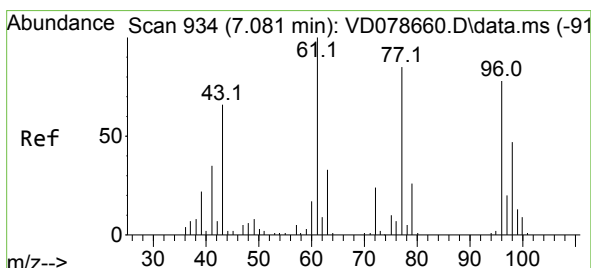
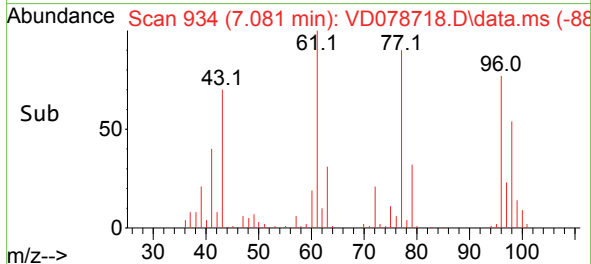
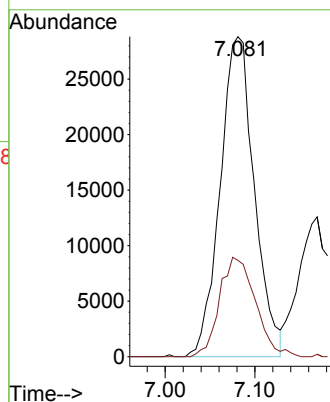
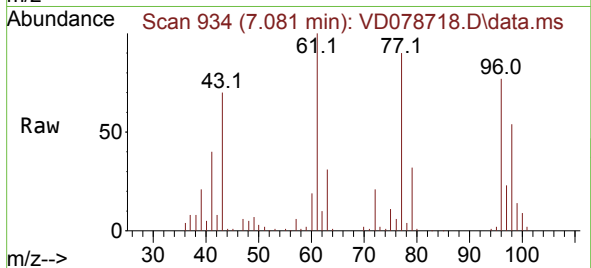
ClientSampleId :

Tgt Ion: 43 Resp: 76332

Ion Ratio Lower Upper

43 100

72 30.1 25.0 37.6



#26

2,2-Dichloropropane

Concen: 59.885 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078718.D

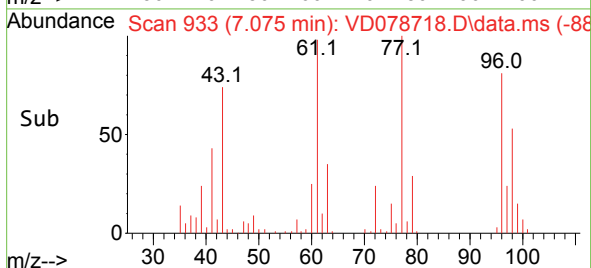
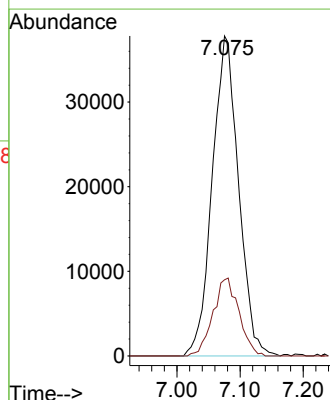
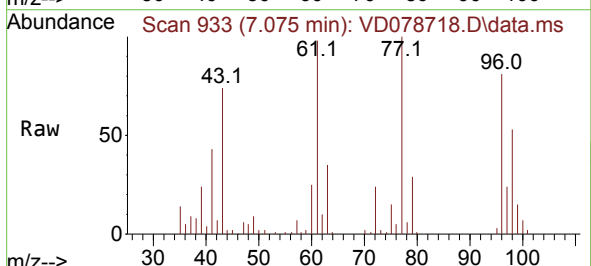
Acq: 20 Mar 2024 16:04

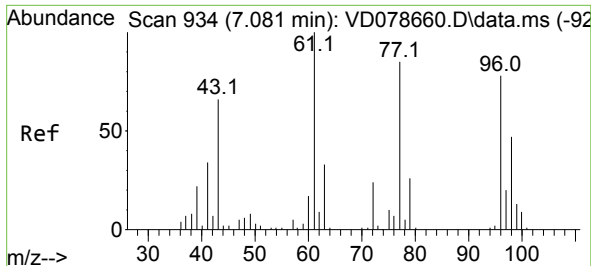
Tgt Ion: 77 Resp: 109376

Ion Ratio Lower Upper

77 100

97 24.0 12.4 37.0



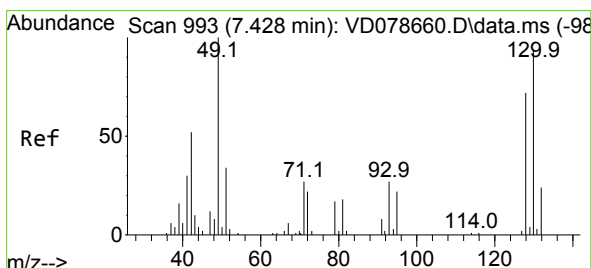
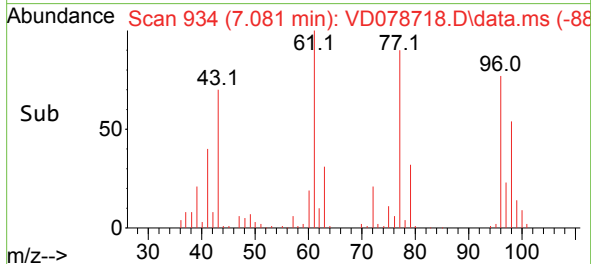
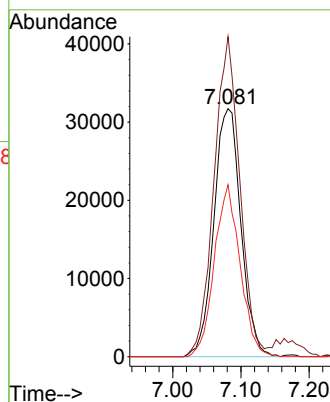
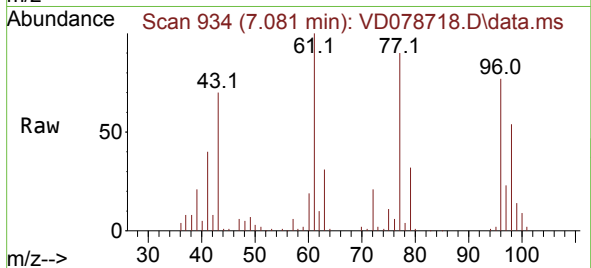


#27
 cis-1,2-Dichloroethene
 Concen: 57.410 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 87694

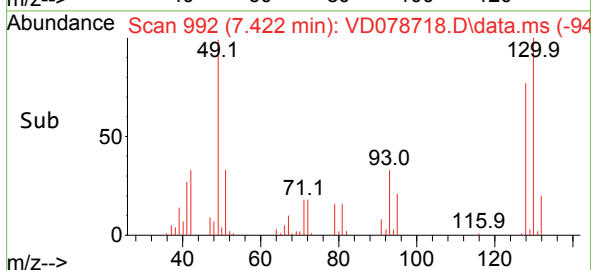
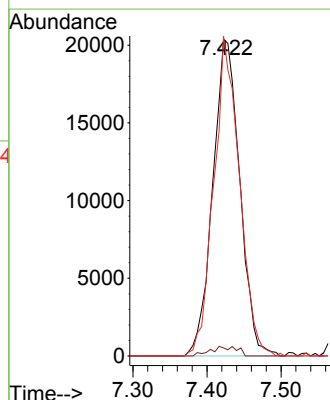
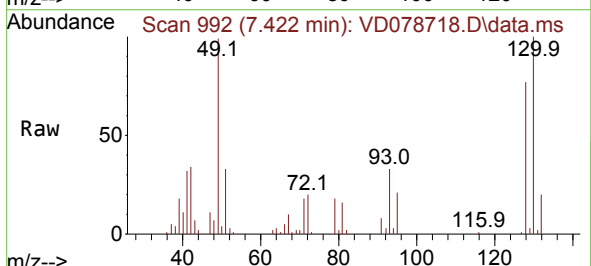
Ion	Ratio	Lower	Upper
96	100		
61	122.9	0.0	245.0
98	66.0	0.0	126.6

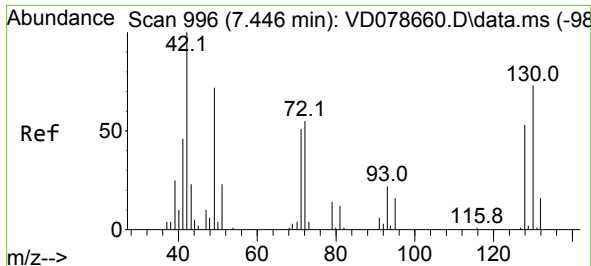


#28
 Bromochloromethane
 Concen: 66.900 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD078718.D
 Acq: 20 Mar 2024 16:04

Tgt Ion: 49 Resp: 51488

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	6.2
130	96.1	77.1	115.7

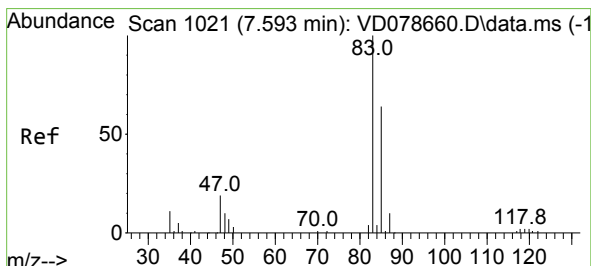
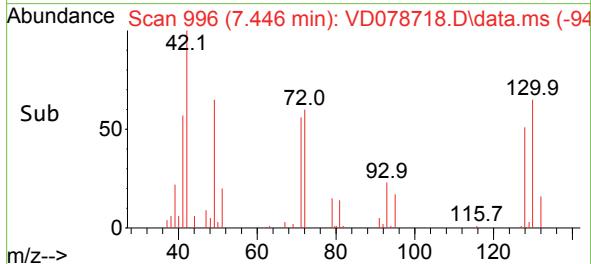
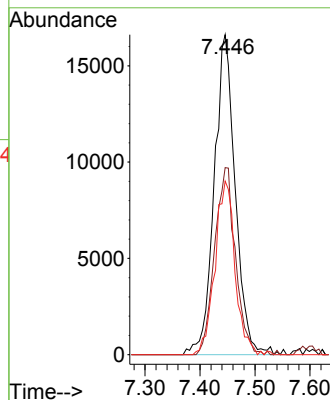
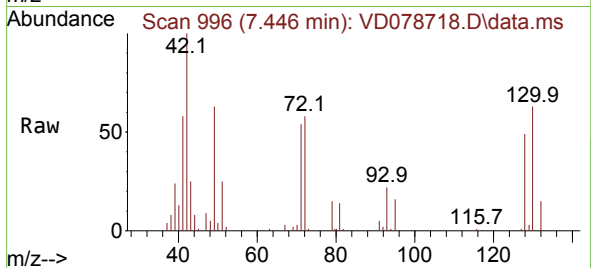




#29
Tetrahydrofuran
Concen: 303.965 ug/l
RT: 7.446 min Scan# 996
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

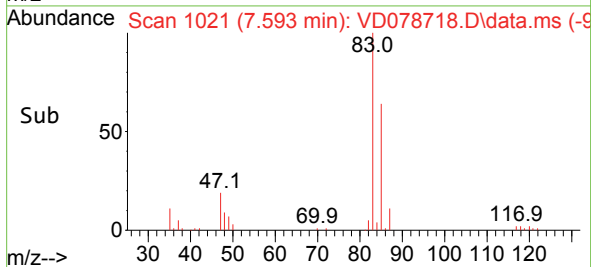
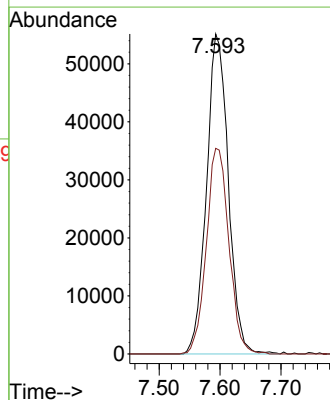
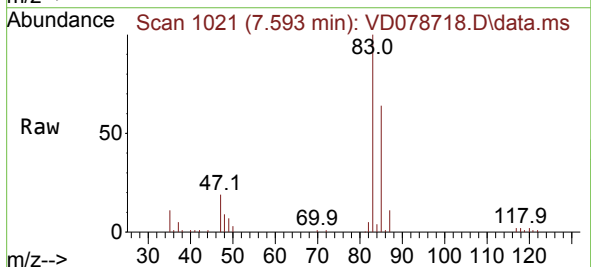
Instrument :
MSVOA_D
ClientSampleId :

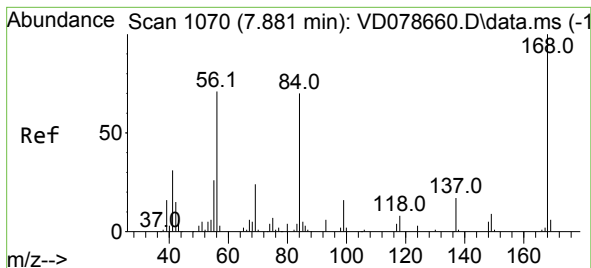
Tgt Ion: 42 Resp: 44187
Ion Ratio Lower Upper
42 100
72 57.8 43.8 65.6
71 51.8 42.0 63.0



#30
Chloroform
Concen: 57.069 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 83 Resp: 137364
Ion Ratio Lower Upper
83 100
85 64.2 51.2 76.8





#31

Cyclohexane

Concen: 56.836 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

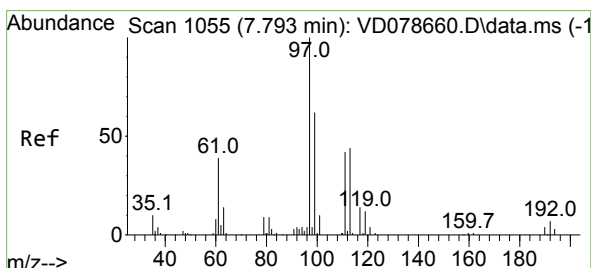
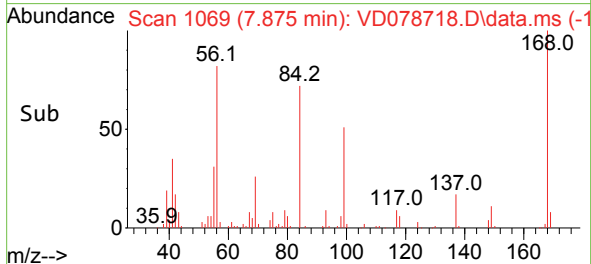
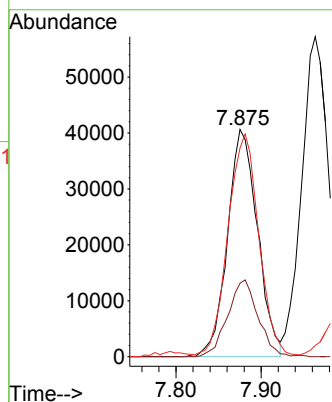
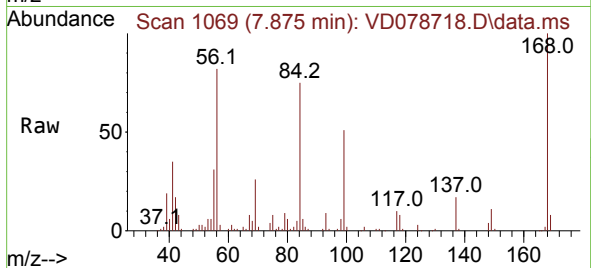
Tgt Ion: 56 Resp: 99313

Ion Ratio Lower Upper

56 100

69 32.3 26.6 40.0

84 90.2 79.4 119.2



#32

1,1,1-Trichloroethane

Concen: 58.788 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

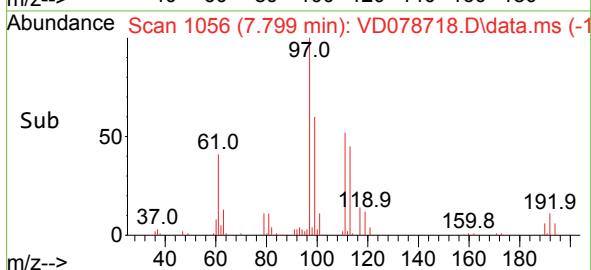
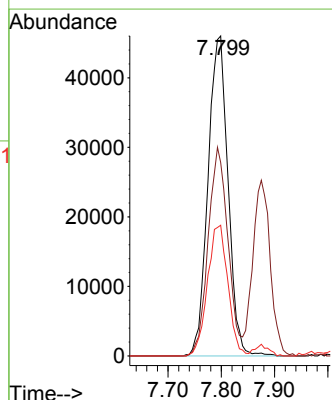
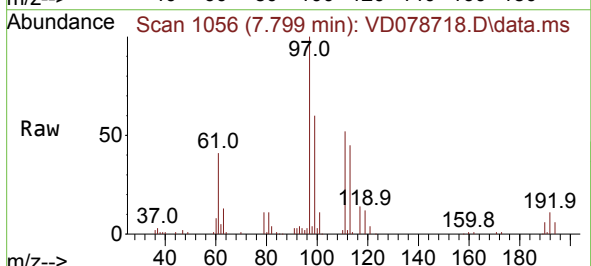
Tgt Ion: 97 Resp: 120055

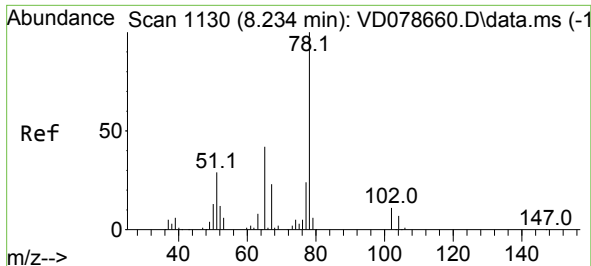
Ion Ratio Lower Upper

97 100

99 64.7 50.8 76.2

61 41.8 33.0 49.6





#33

1,2-Dichloroethane-d4

Concen: 52.621 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

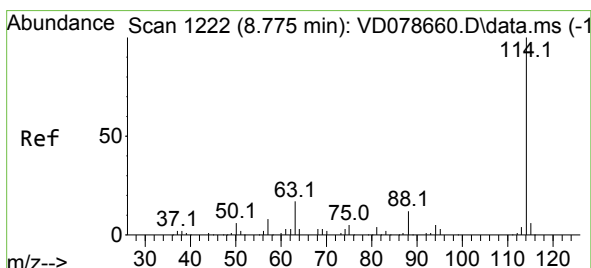
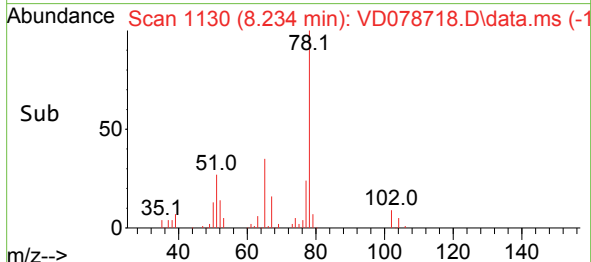
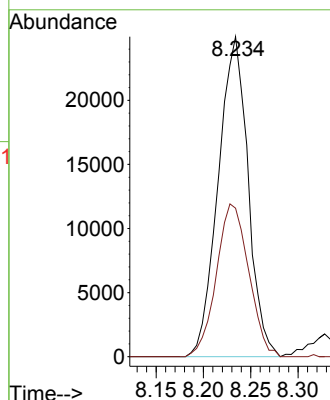
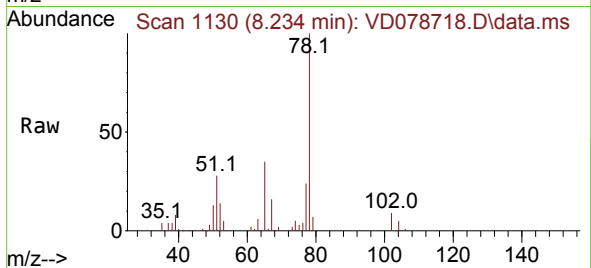
ClientSampleId :

Tgt Ion: 65 Resp: 54704

Ion Ratio Lower Upper

65 100

67 51.7 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

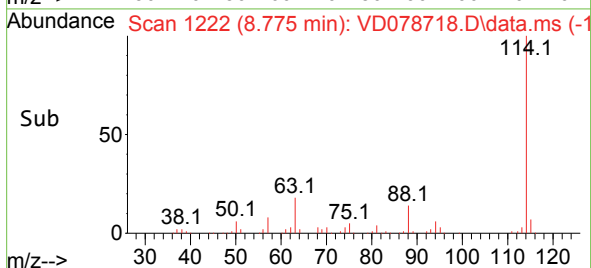
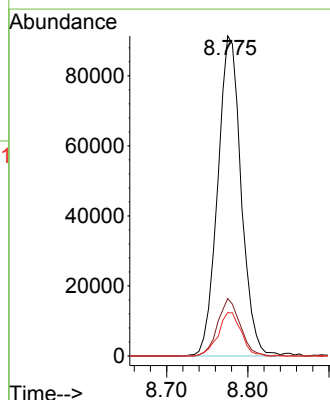
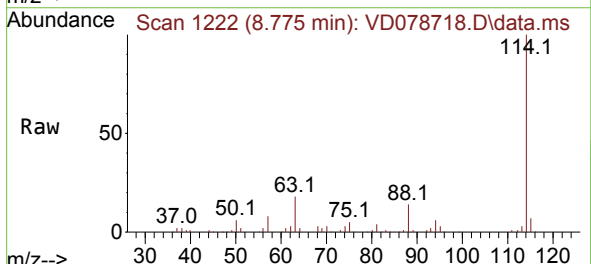
Tgt Ion: 114 Resp: 183468

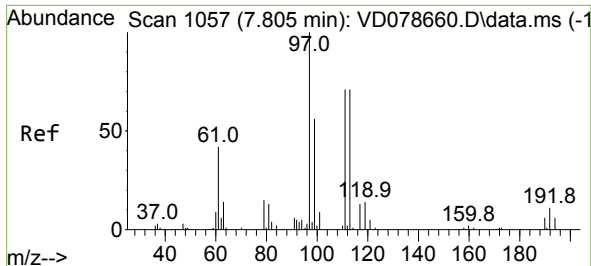
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 13.6 0.0 24.6





#35

Dibromofluoromethane

Concen: 51.649 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

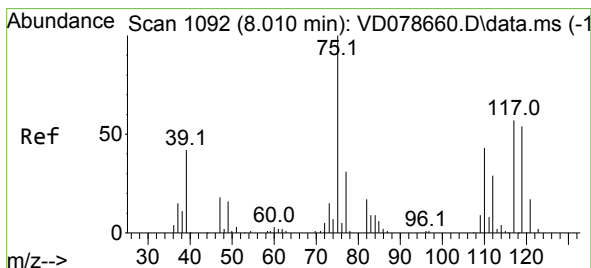
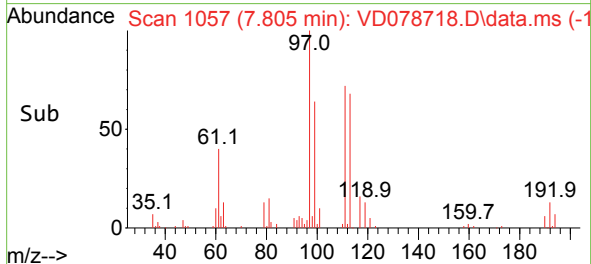
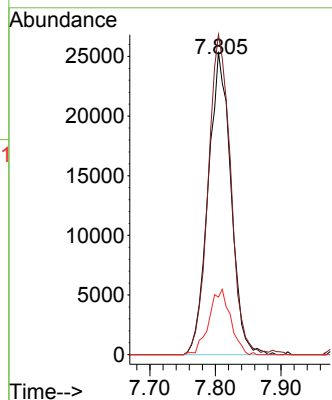
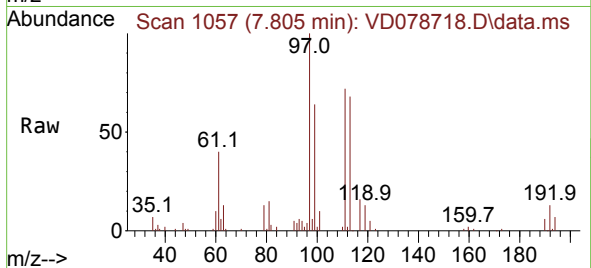
Tgt Ion:113 Resp: 61011

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

192 20.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 61.880 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

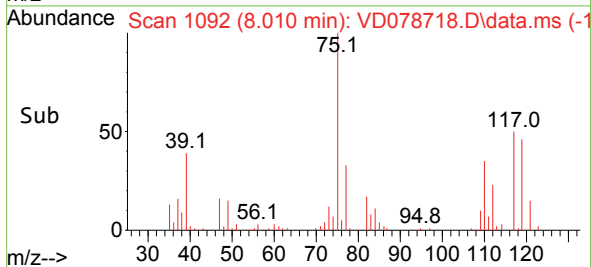
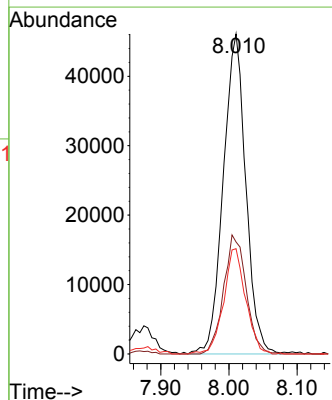
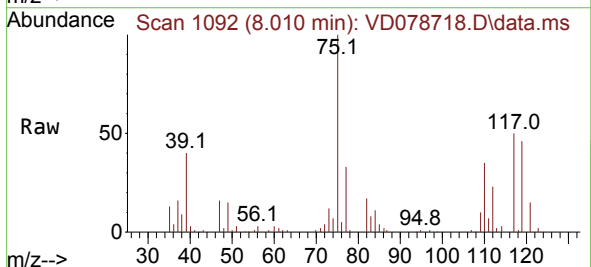
Tgt Ion: 75 Resp: 106058

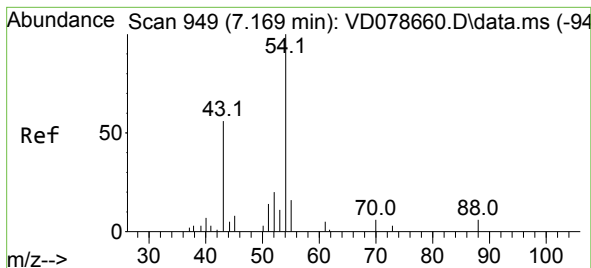
Ion Ratio Lower Upper

75 100

110 37.2 19.1 57.1

77 32.2 25.4 38.2





#37

Ethyl Acetate

Concen: 55.635 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD078718.D

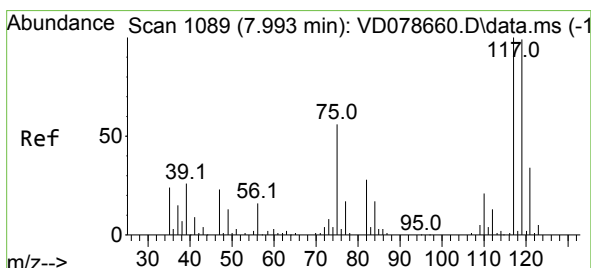
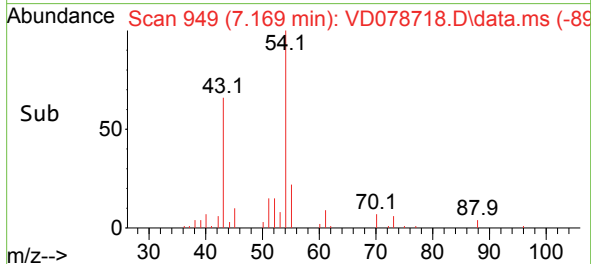
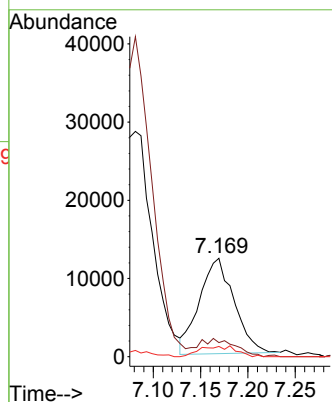
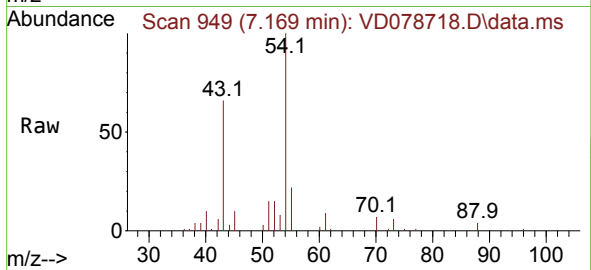
Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 31151
Ion Ratio	Lower Upper
43	100
61	18.7 14.6 21.8
70	5.3 9.4 14.0



#38

Carbon Tetrachloride

Concen: 61.119 ug/l

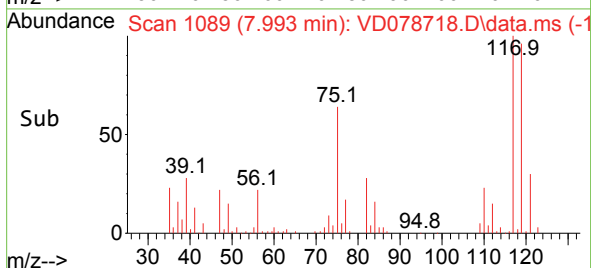
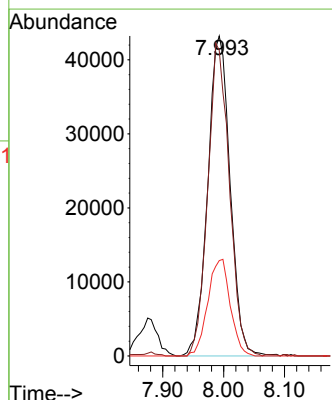
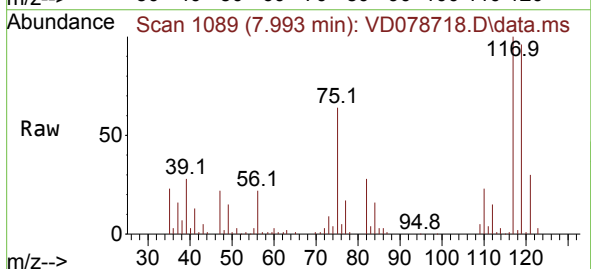
RT: 7.993 min Scan# 1089

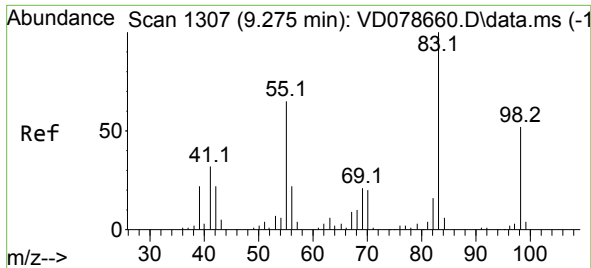
Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Tgt Ion: 117	Resp: 110434
Ion Ratio	Lower Upper
117	100
119	95.5 79.2 118.8
121	29.8 26.8 40.2





#39

Methylcyclohexane

Concen: 62.678 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

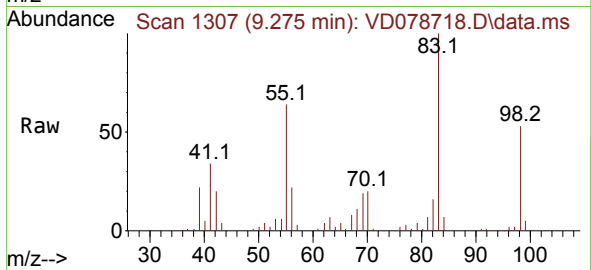
Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :



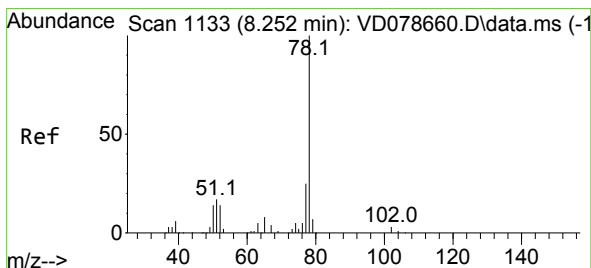
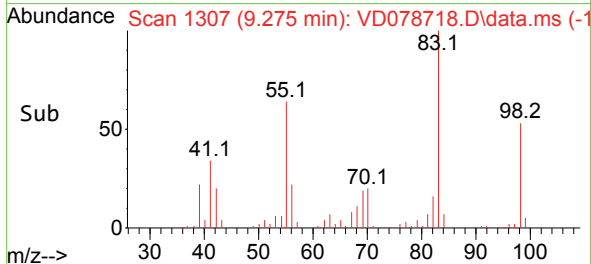
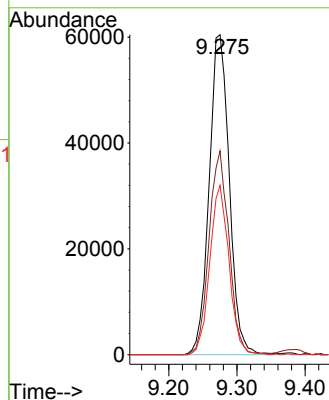
Tgt Ion: 83 Resp: 124616

Ion Ratio Lower Upper

83 100

55 63.7 51.7 77.5

98 52.9 41.4 62.0



#40

Benzene

Concen: 59.686 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD078718.D

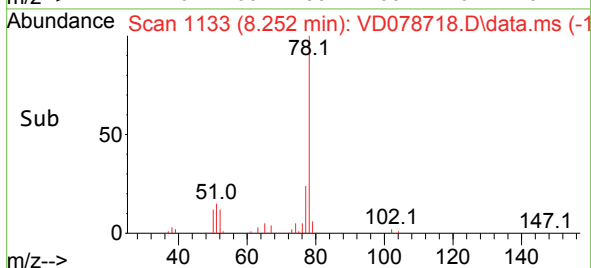
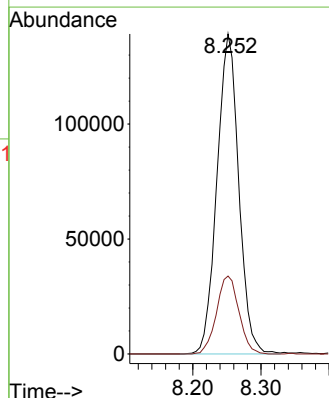
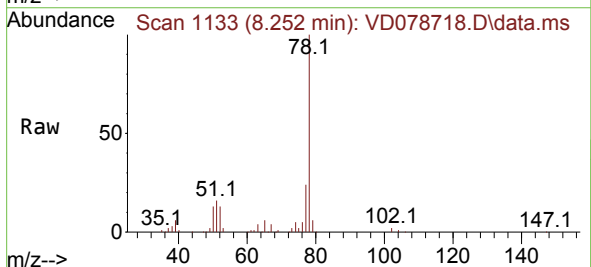
Acq: 20 Mar 2024 16:04

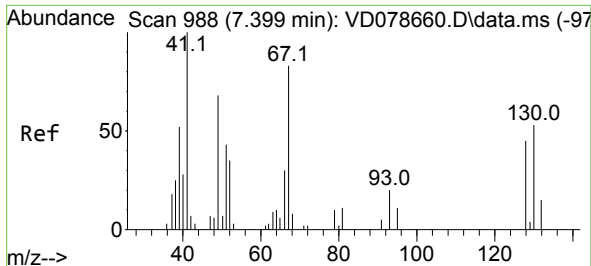
Tgt Ion: 78 Resp: 309233

Ion Ratio Lower Upper

78 100

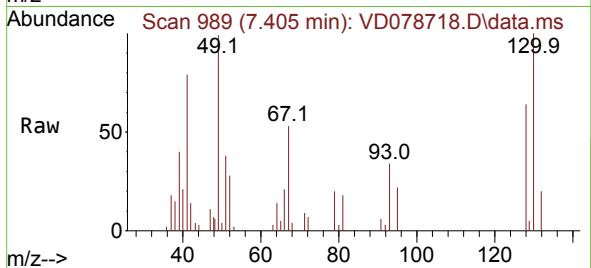
77 24.4 20.4 30.6



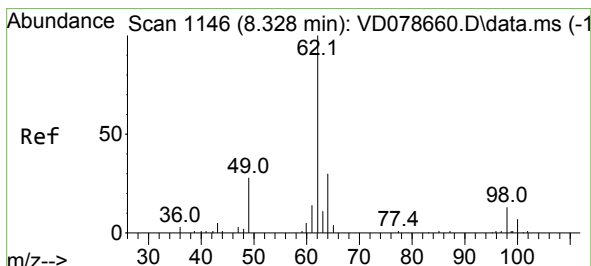
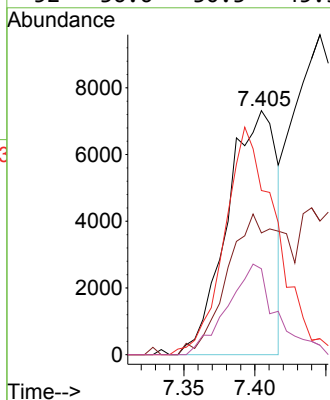
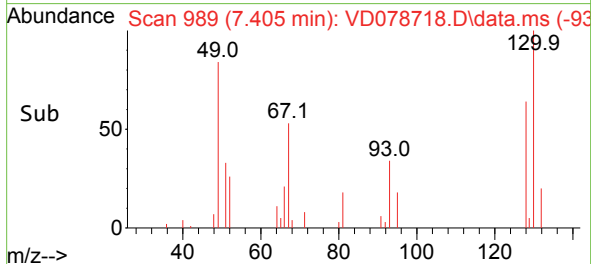


#41
Methacrylonitrile
Concen: 60.337 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Instrument :
MSVOA_D
ClientSampleId :

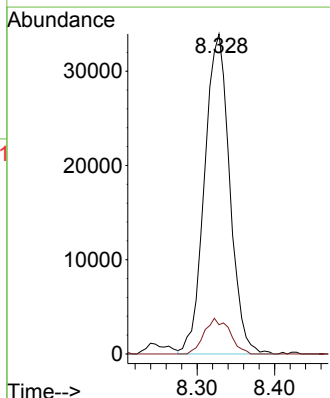
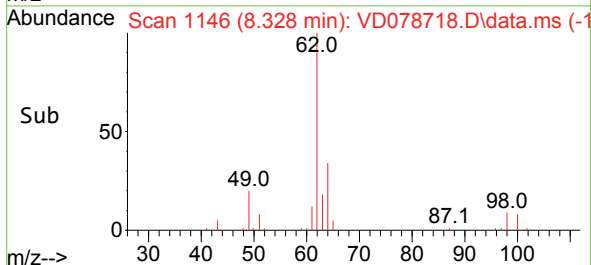
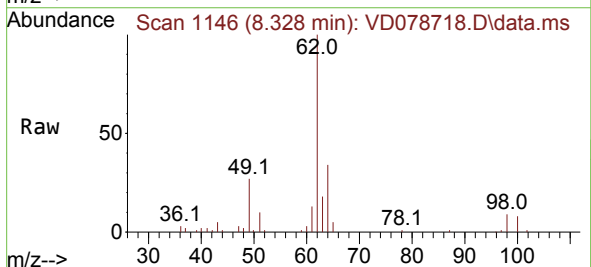


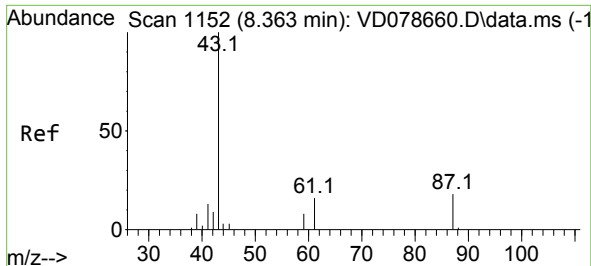
Tgt Ion: 41 Resp: 17704
Ion Ratio Lower Upper
41 100
39 69.7 39.8 59.6#
67 97.7 83.5 125.3
52 36.6 30.3 45.5



#42
1,2-Dichloroethane
Concen: 60.562 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 62 Resp: 76519
Ion Ratio Lower Upper
62 100
98 11.3 0.0 23.8

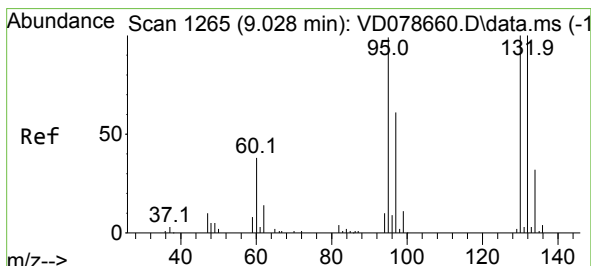
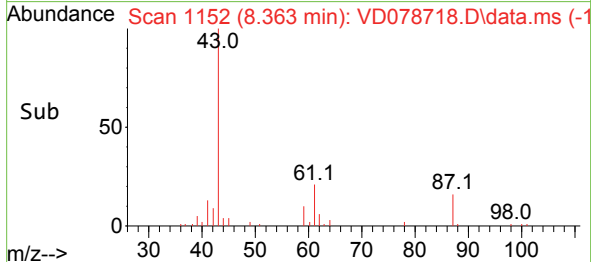
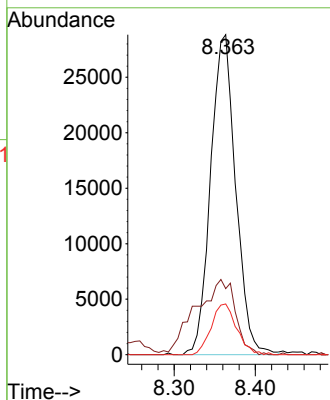
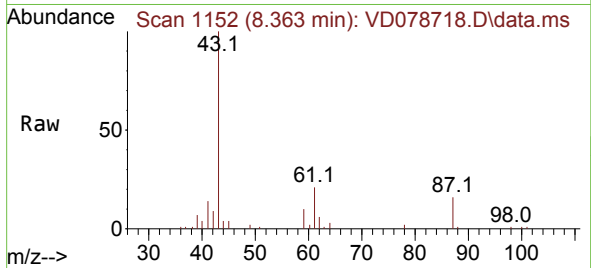




#43
Isopropyl Acetate
Concen: 60.878 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

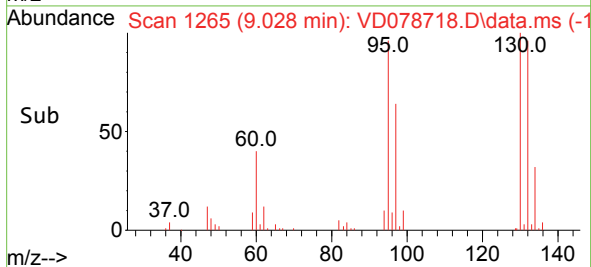
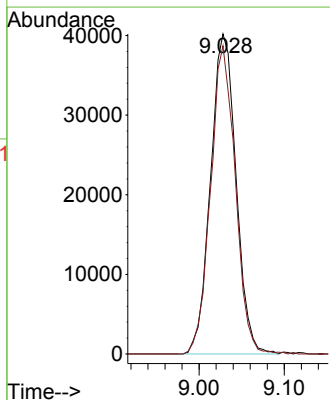
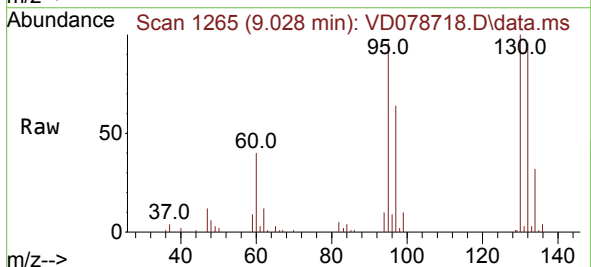
Instrument :
MSVOA_D
ClientSampleId :

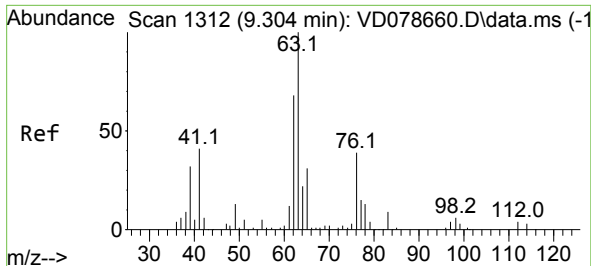
Tgt Ion: 43 Resp: 61990
Ion Ratio Lower Upper
43 100
61 37.2 30.1 45.1
87 16.1 14.4 21.6



#44
Trichloroethene
Concen: 59.322 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:130 Resp: 83408
Ion Ratio Lower Upper
130 100
95 96.3 0.0 197.8





#45

1,2-Dichloropropane

Concen: 61.706 ug/l

RT: 9.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

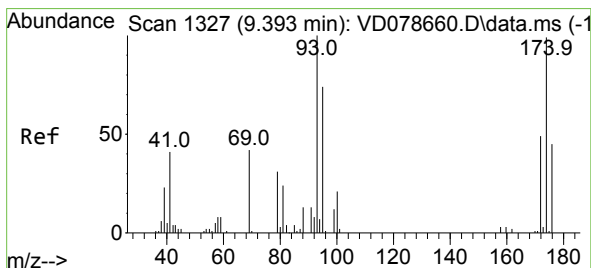
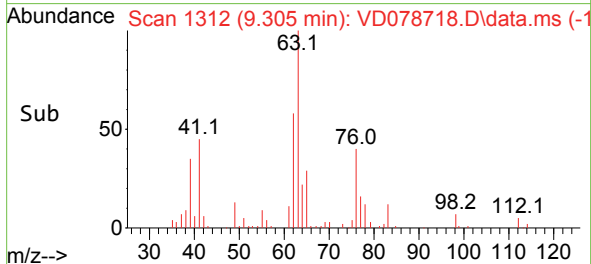
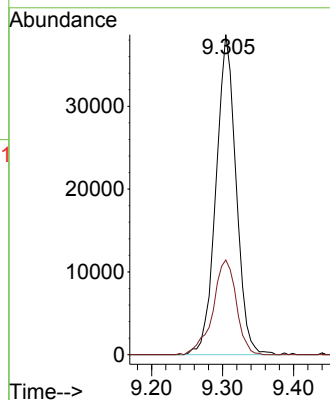
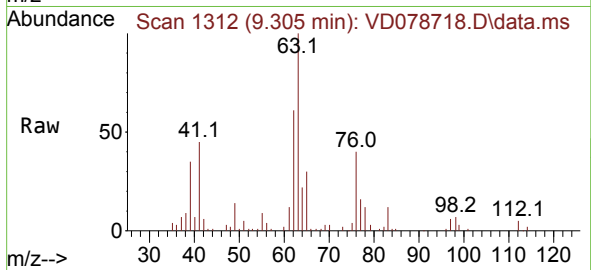
ClientSampleId :

Tgt Ion: 63 Resp: 75839

Ion Ratio Lower Upper

63 100

65 29.6 24.8 37.2



#46

Dibromomethane

Concen: 57.970 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

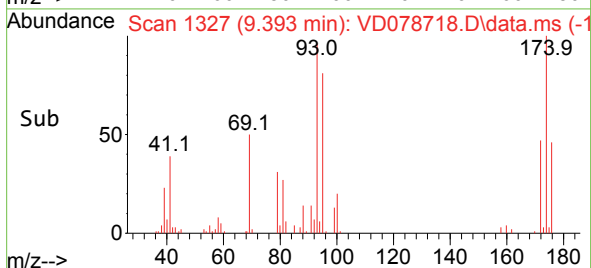
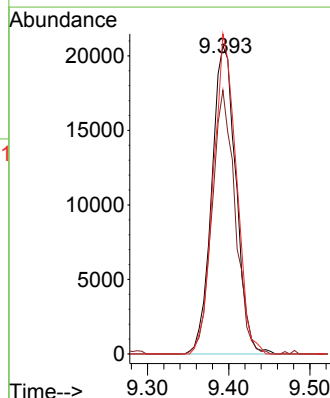
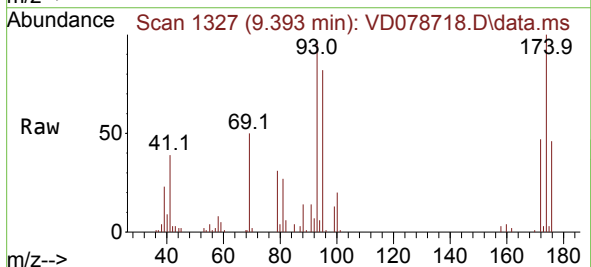
Tgt Ion: 93 Resp: 42709

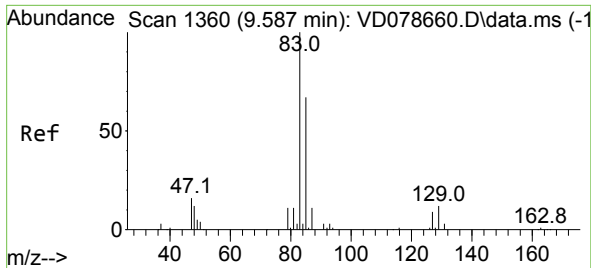
Ion Ratio Lower Upper

93 100

95 81.9 67.3 100.9

174 98.7 80.9 121.3

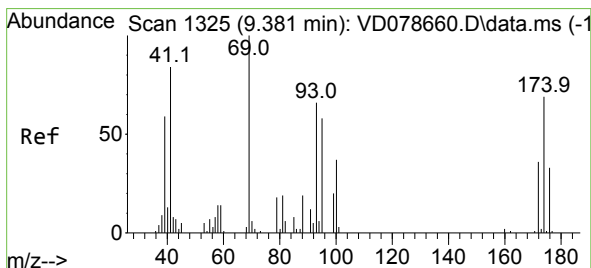
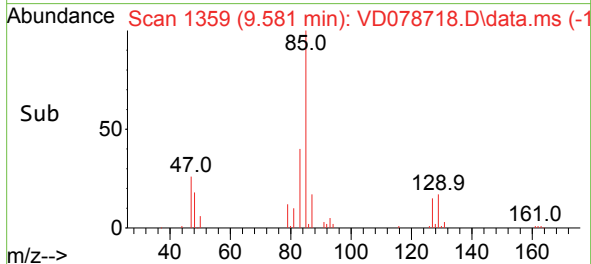
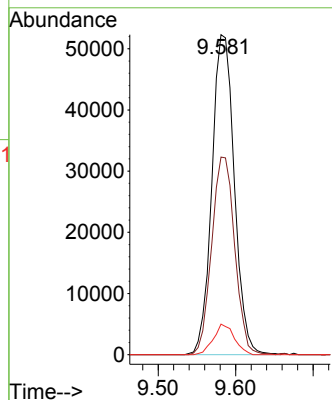
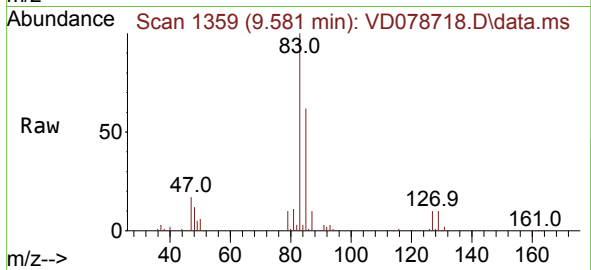




#47
Bromodichloromethane
Concen: 60.121 ug/l
RT: 9.581 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

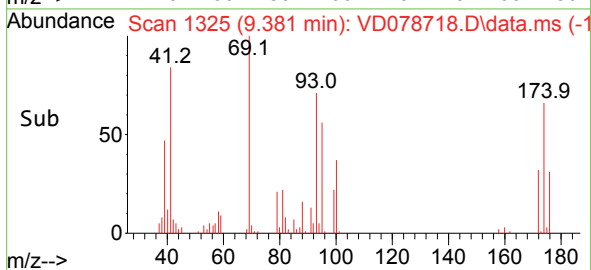
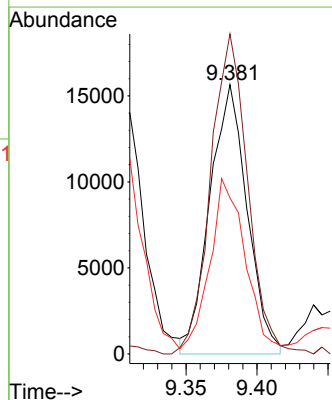
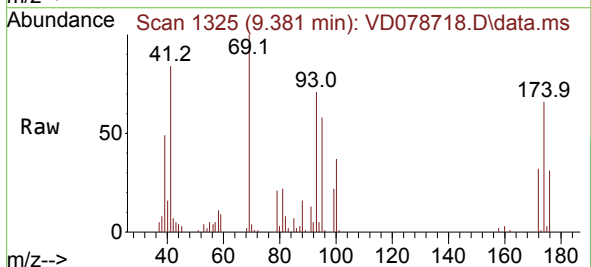
Instrument :
MSVOA_D
ClientSampleId :

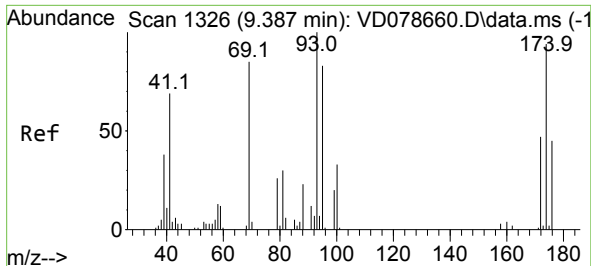
Tgt Ion: 83 Resp: 105444
Ion Ratio Lower Upper
83 100
85 61.8 54.0 81.0
127 9.6 7.1 10.7



#48
Methyl methacrylate
Concen: 57.605 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 41 Resp: 28581
Ion Ratio Lower Upper
41 100
69 117.6 88.3 132.5
39 59.4 46.6 69.8





#49

1,4-Dioxane

Concen: 1179.223 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

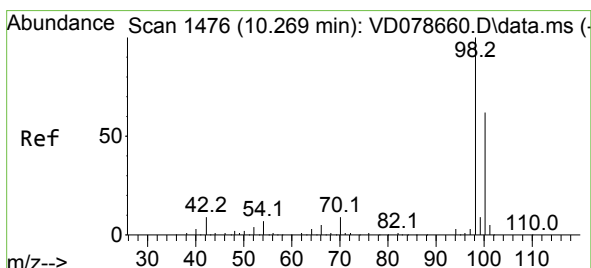
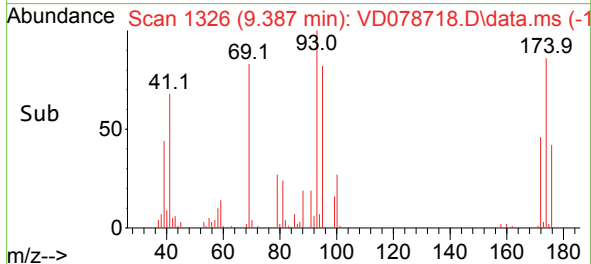
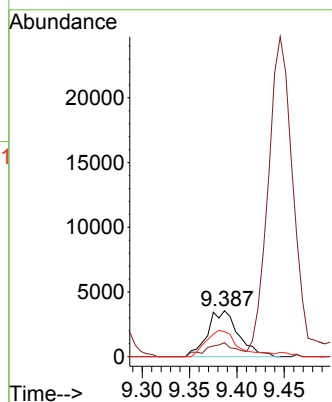
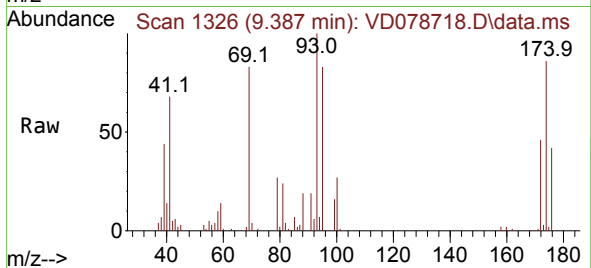
Tgt Ion: 88 Resp: 8044

Ion Ratio Lower Upper

88 100

43 29.3 23.2 34.8

58 59.0 51.0 76.6



#50

Toluene-d8

Concen: 56.515 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078718.D

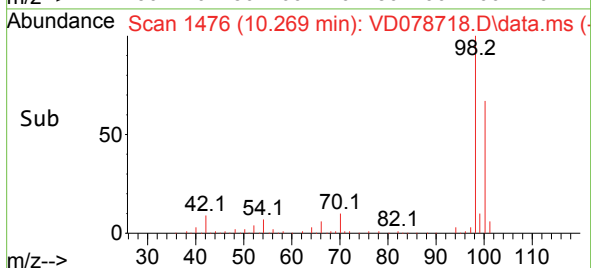
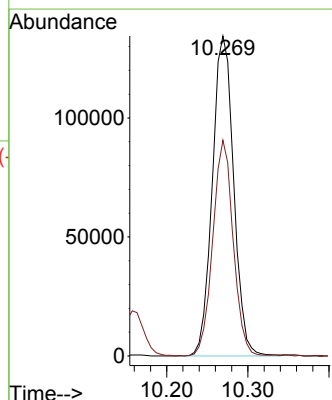
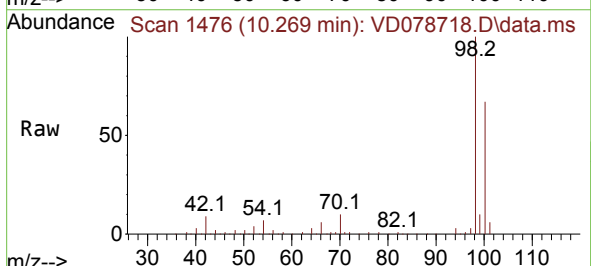
Acq: 20 Mar 2024 16:04

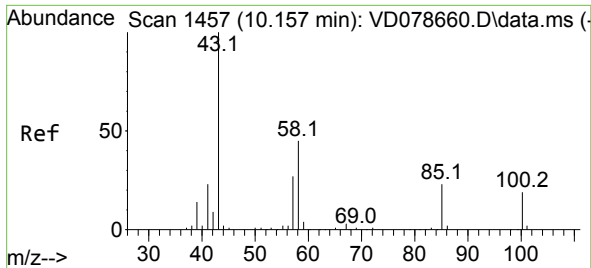
Tgt Ion: 98 Resp: 245519

Ion Ratio Lower Upper

98 100

100 64.7 50.5 75.7

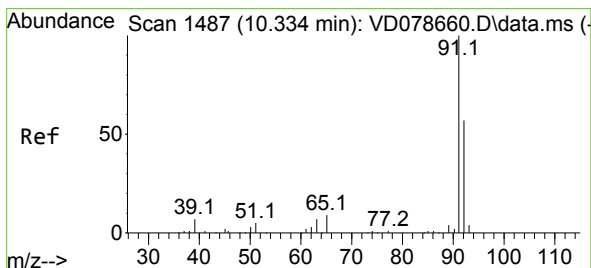
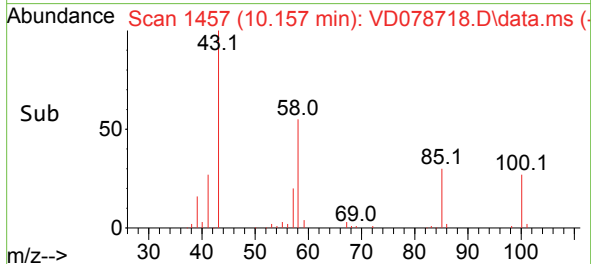
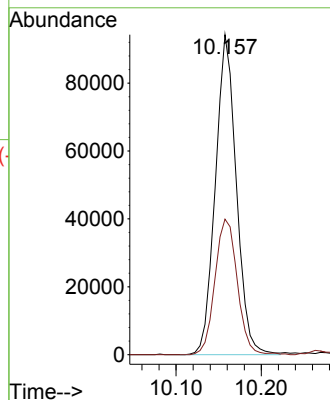
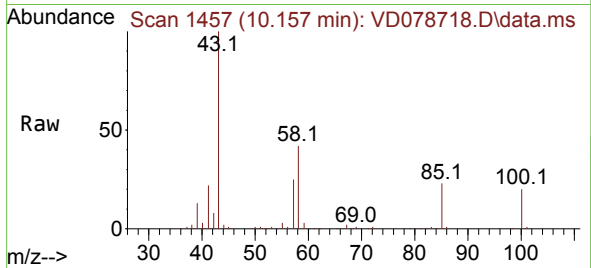




#51
4-Methyl-2-Pentanone
Concen: 302.754 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

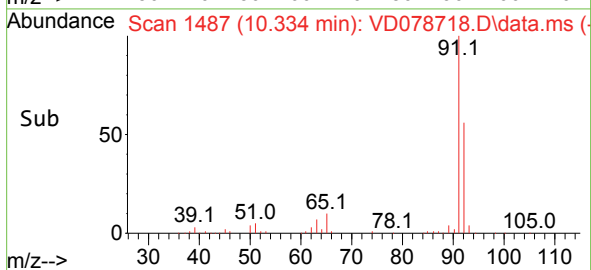
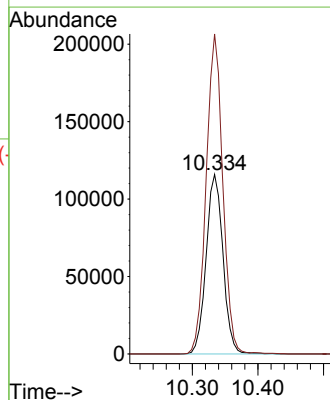
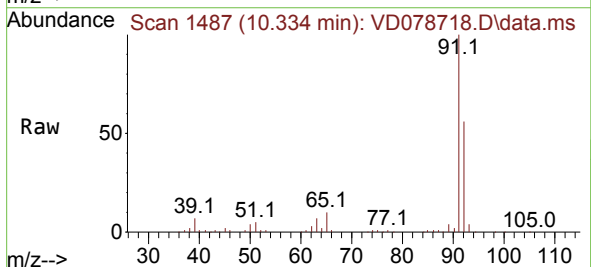
Instrument :
MSVOA_D
ClientSampleId :

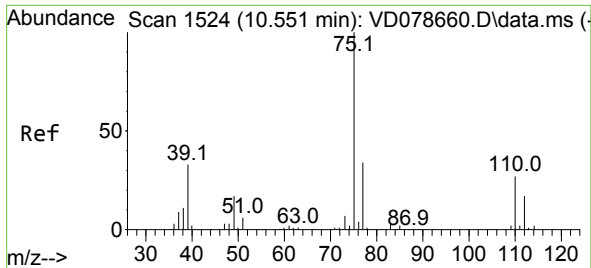
Tgt Ion: 43 Resp: 161169
Ion Ratio Lower Upper
43 100
58 45.1 36.4 54.6



#52
Toluene
Concen: 62.176 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 92 Resp: 207391
Ion Ratio Lower Upper
92 100
91 175.3 136.6 205.0

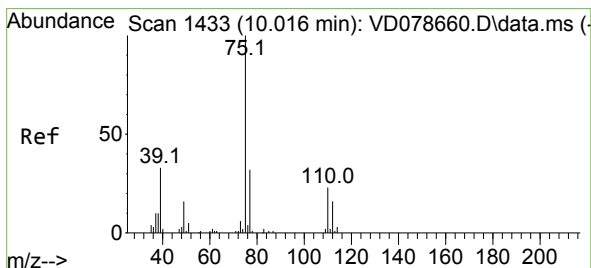
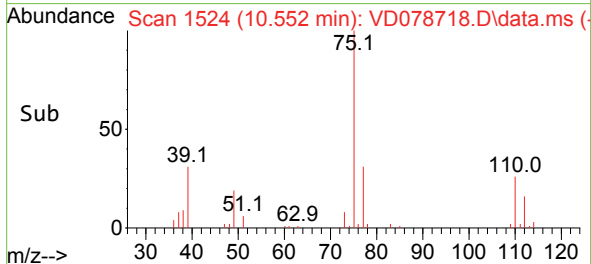
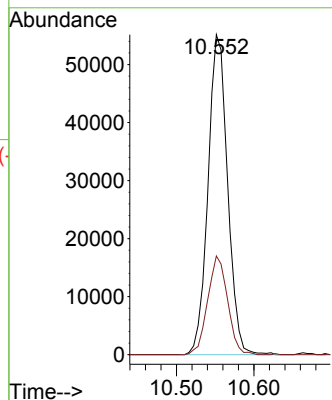
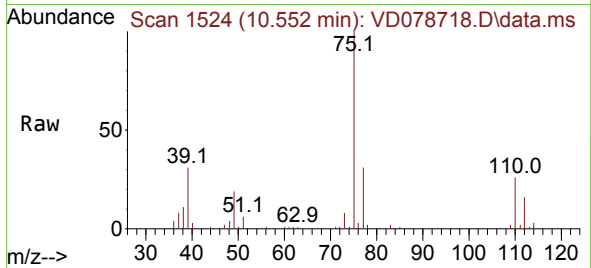




#53
t-1,3-Dichloropropene
Concen: 60.375 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

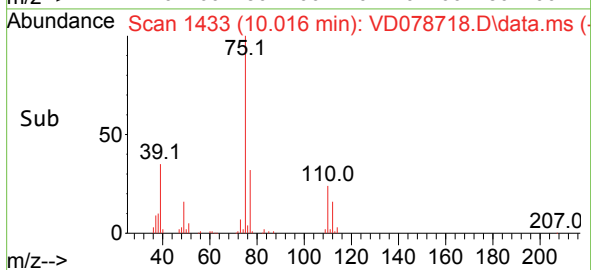
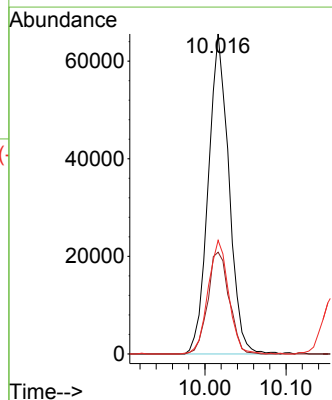
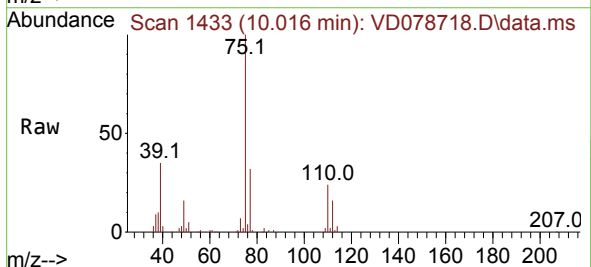
Instrument :
MSVOA_D
ClientSampleId :

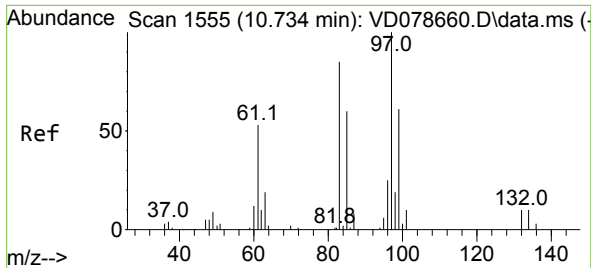
Tgt Ion: 75 Resp: 96816
Ion Ratio Lower Upper
75 100
77 30.8 27.1 40.7



#54
cis-1,3-Dichloropropene
Concen: 59.919 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

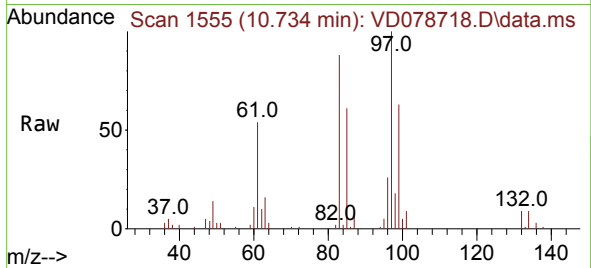
Tgt Ion: 75 Resp: 115508
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0
39 35.5 26.7 40.1



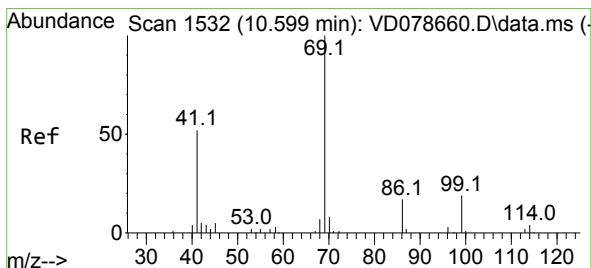
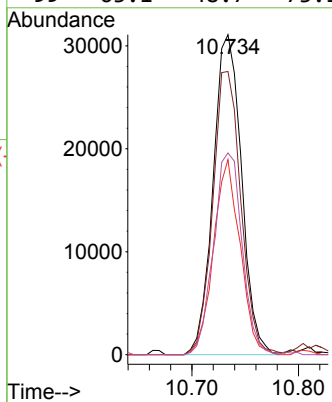
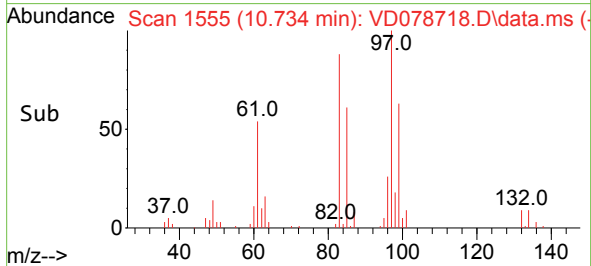


#55
1,1,2-Trichloroethane
Concen: 58.245 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Instrument :
MSVOA_D
ClientSampleId :

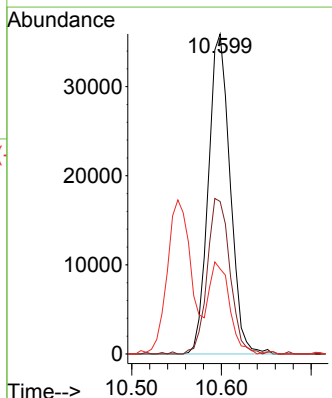
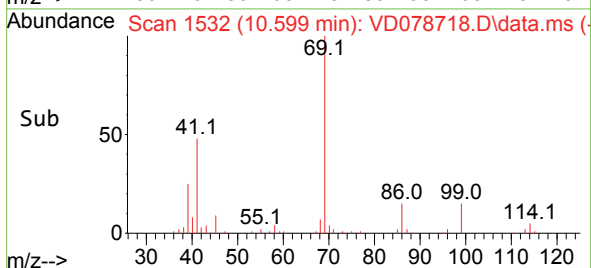
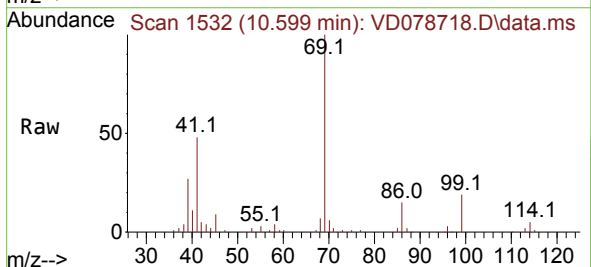


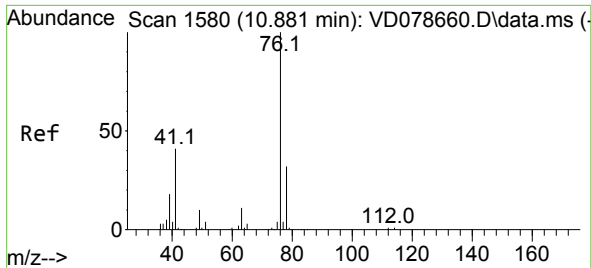
Tgt Ion:	97	Resp:	57464
Ion	Ratio	Lower	Upper
97	100		
83	88.5	68.1	102.1
85	61.0	48.2	72.2
99	63.1	48.7	73.1



#56
Ethyl methacrylate
Concen: 61.057 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:	69	Resp:	60388
Ion	Ratio	Lower	Upper
69	100		
41	50.8	40.9	61.3
39	26.4	25.5	38.3

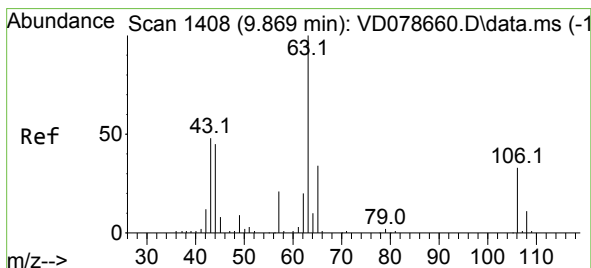
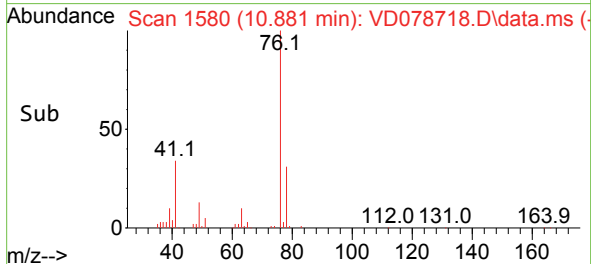
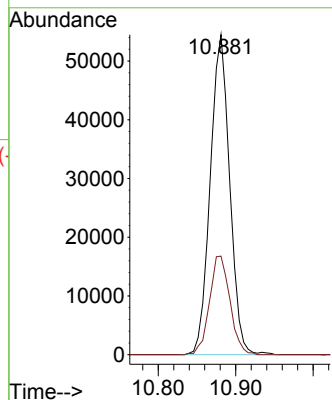
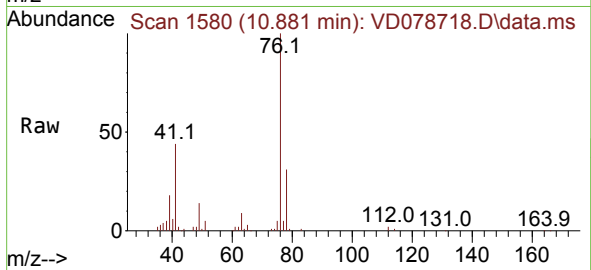




#57
1,3-Dichloropropane
Concen: 59.650 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

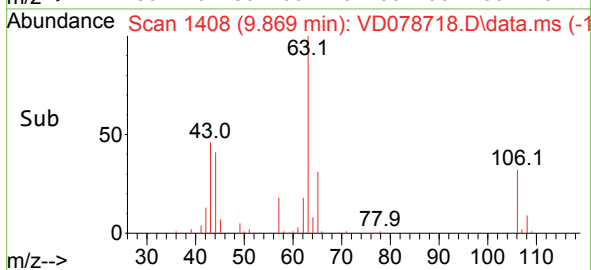
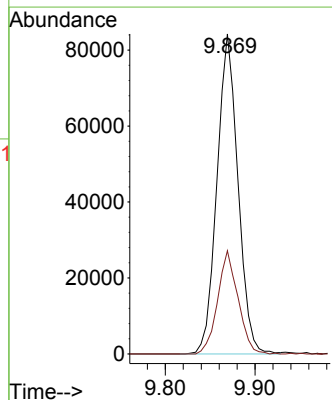
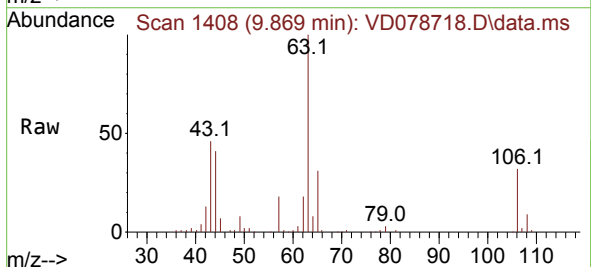
Instrument :
MSVOA_D
ClientSampleId :

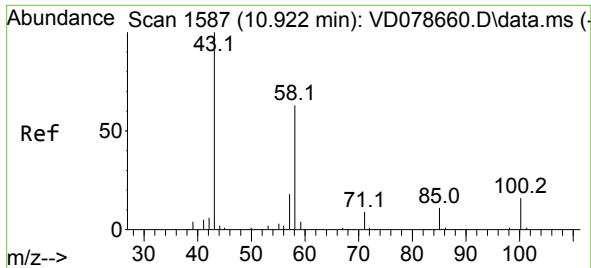
Tgt Ion: 76 Resp: 94959
Ion Ratio Lower Upper
76 100
78 32.4 26.8 40.2



#58
2-Chloroethyl Vinyl ether
Concen: 313.756 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 63 Resp: 136830
Ion Ratio Lower Upper
63 100
106 31.3 25.2 37.8

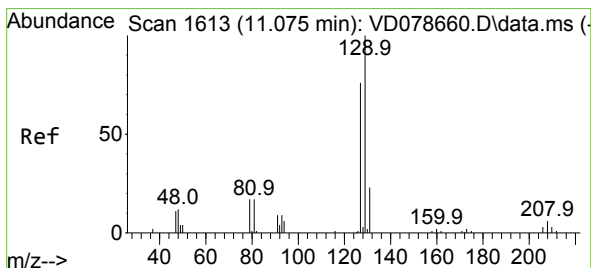
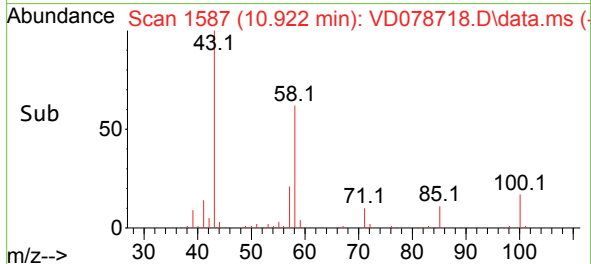
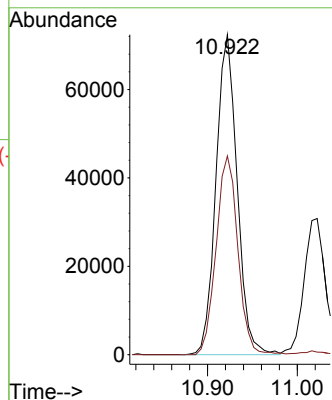
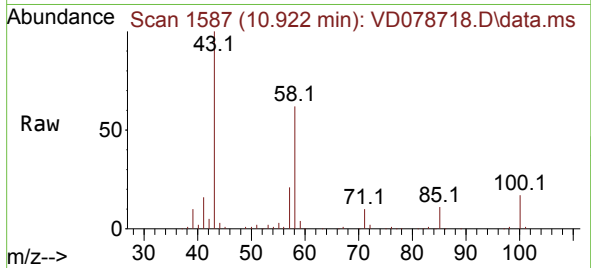




#59
2-Hexanone
Concen: 300.335 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

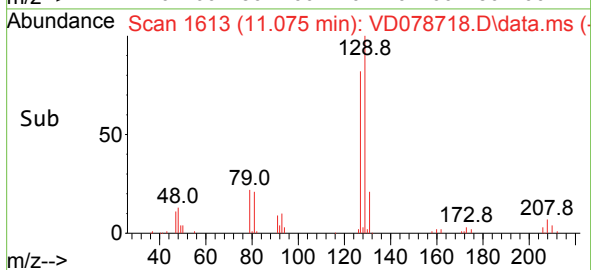
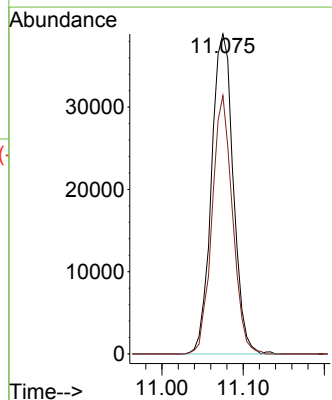
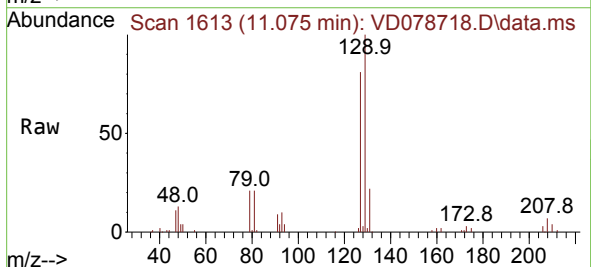
Instrument :
MSVOA_D
ClientSampleId :

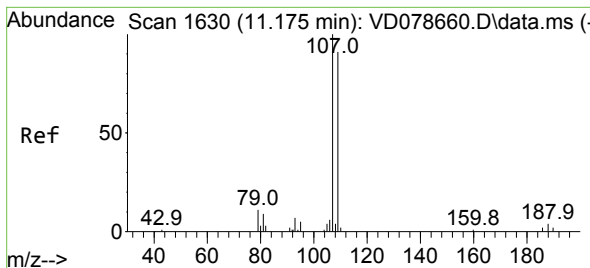
Tgt Ion: 43 Resp: 118521
Ion Ratio Lower Upper
43 100
58 63.8 31.5 94.5



#60
Dibromochloromethane
Concen: 59.631 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 129 Resp: 72552
Ion Ratio Lower Upper
129 100
127 75.9 38.8 116.3





#61

1,2-Dibromoethane

Concen: 56.862 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

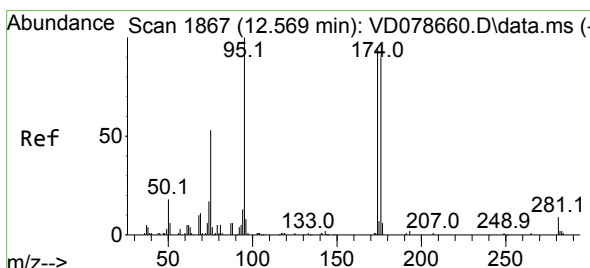
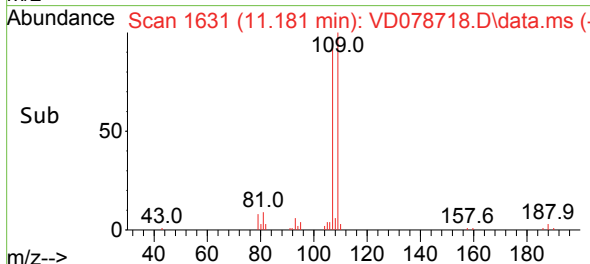
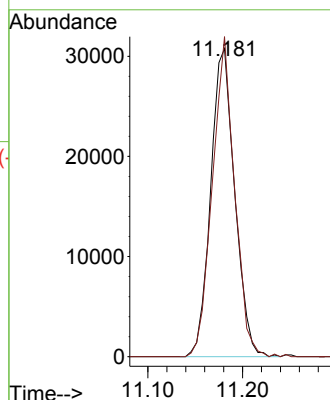
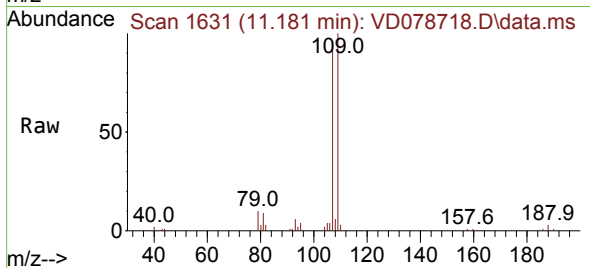
ClientSampleId :

Tgt Ion:107 Resp: 54291

Ion Ratio Lower Upper

107 100

109 96.2 74.8 112.2



#62

4-Bromofluorobenzene

Concen: 55.052 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

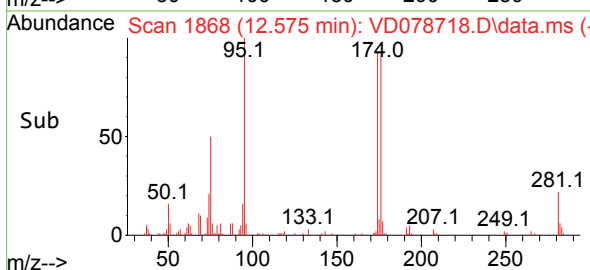
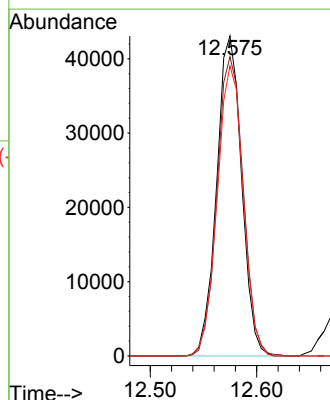
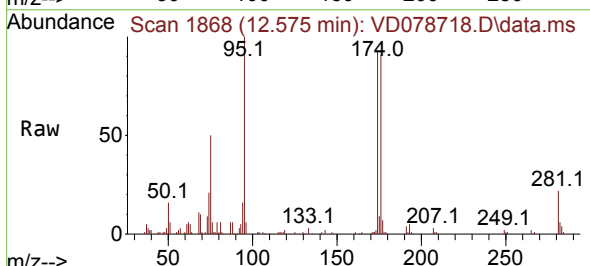
Tgt Ion: 95 Resp: 69968

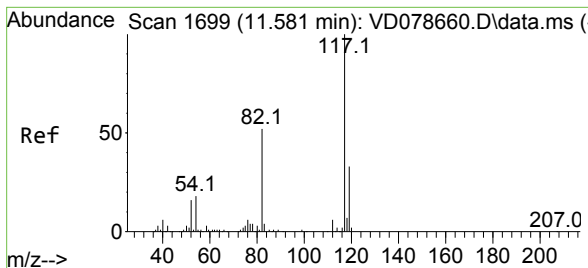
Ion Ratio Lower Upper

95 100

174 98.0 0.0 195.2

176 94.2 0.0 188.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

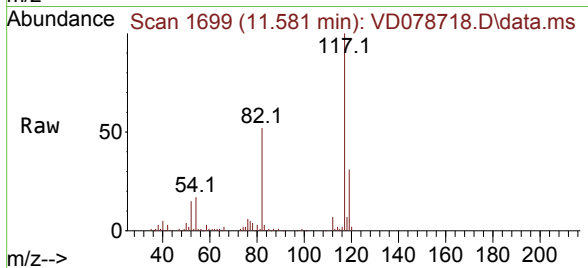
Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :



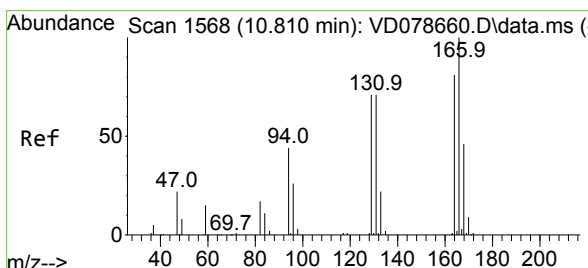
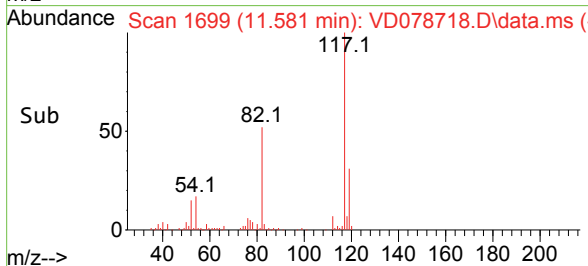
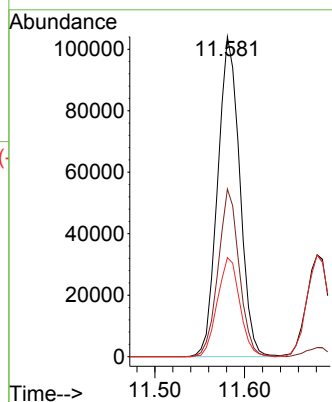
Tgt Ion:117 Resp: 177549

Ion Ratio Lower Upper

117 100

82 52.4 41.4 62.2

119 31.0 26.5 39.7



#64

Tetrachloroethene

Concen: 59.352 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Tgt Ion:164 Resp: 69735

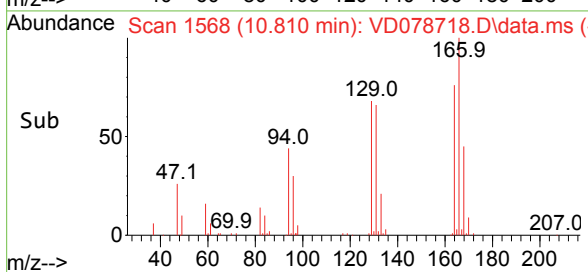
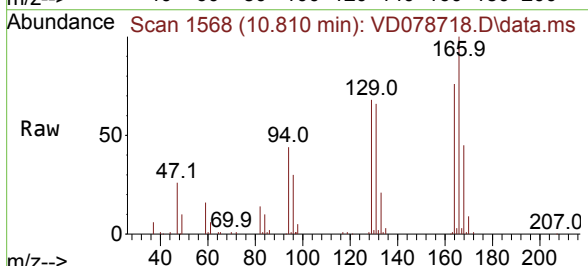
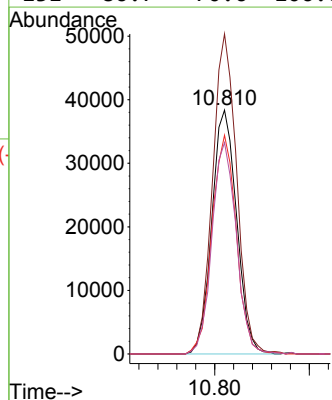
Ion Ratio Lower Upper

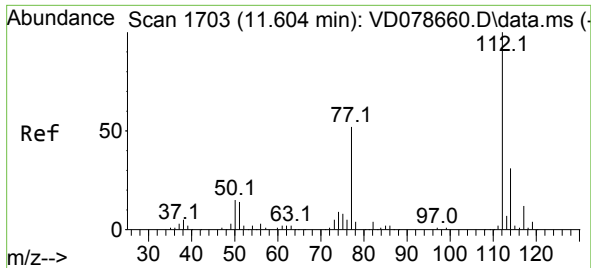
164 100

166 131.2 98.9 148.3

129 89.7 70.3 105.5

131 86.7 70.6 106.0

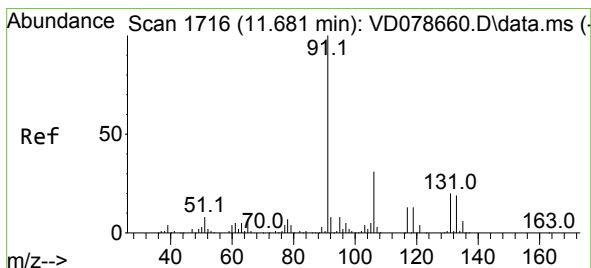
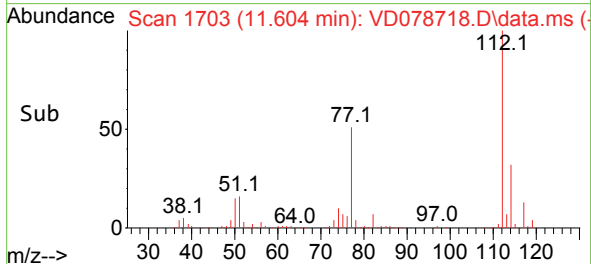
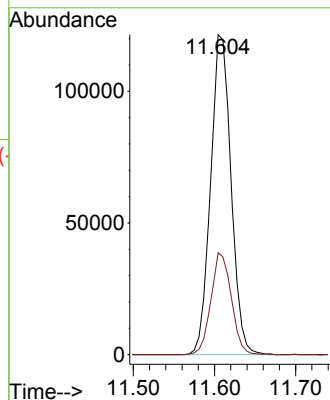
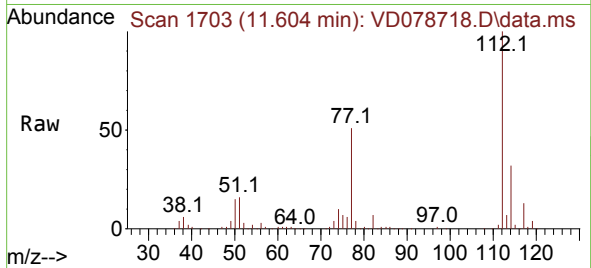




#65
Chlorobenzene
Concen: 57.303 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

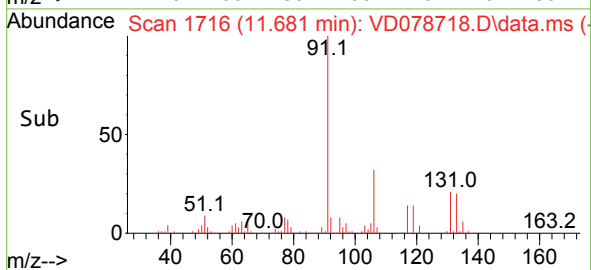
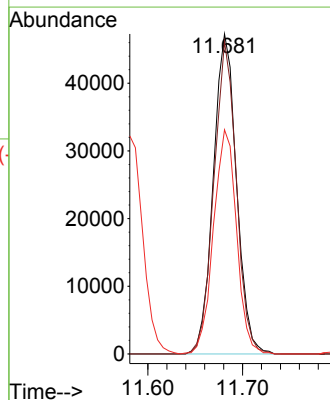
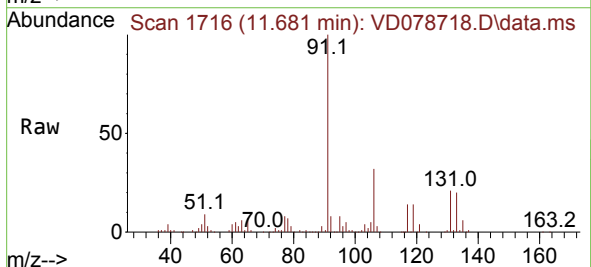
Instrument :
MSVOA_D
ClientSampleId :

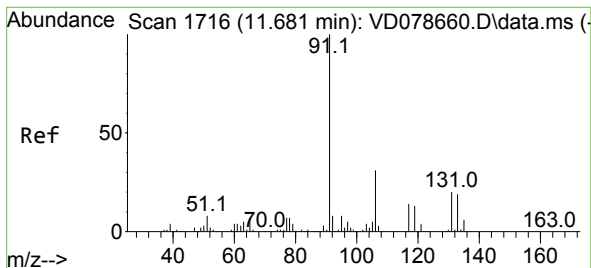
Tgt Ion:112 Resp: 212606
Ion Ratio Lower Upper
112 100
114 31.8 25.0 37.6



#66
1,1,1,2-Tetrachloroethane
Concen: 59.117 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:131 Resp: 80328
Ion Ratio Lower Upper
131 100
133 94.7 47.6 142.9
119 69.8 34.1 102.3





#67

Ethyl Benzene

Concen: 61.521 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

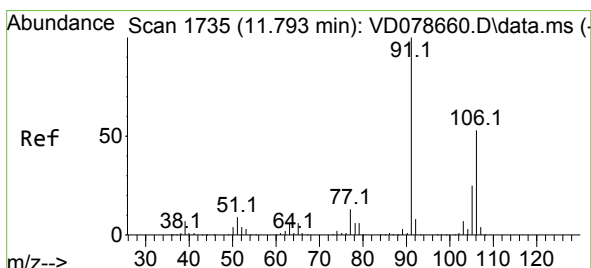
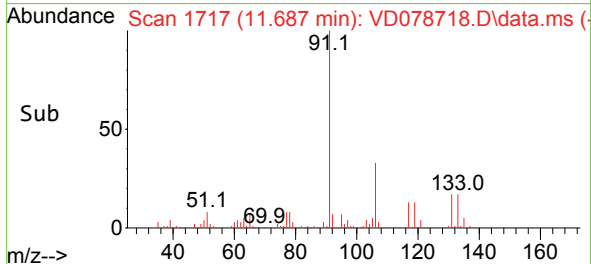
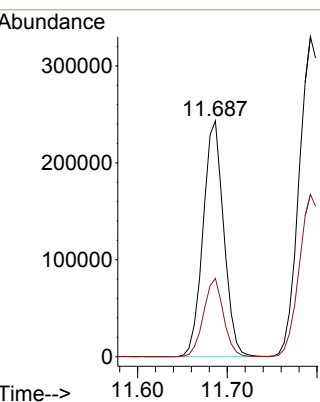
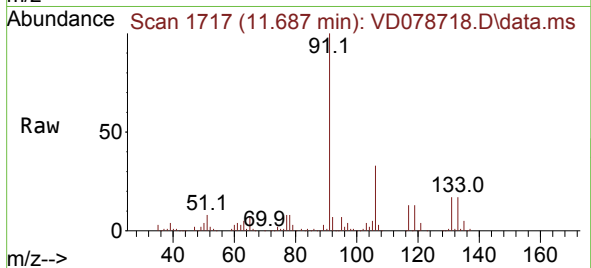
ClientSampleId :

Tgt Ion: 91 Resp: 388962

Ion Ratio Lower Upper

91 100

106 33.2 24.5 36.7



#68

m/p-Xylenes

Concen: 122.982 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD078718.D

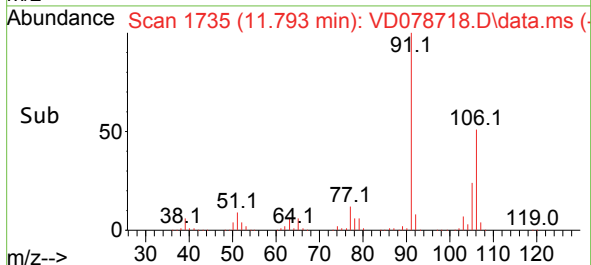
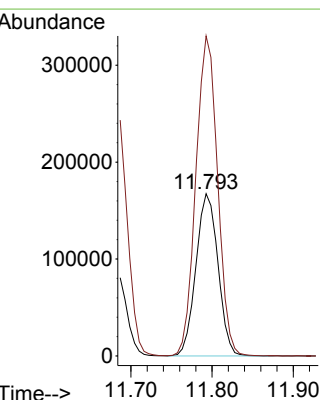
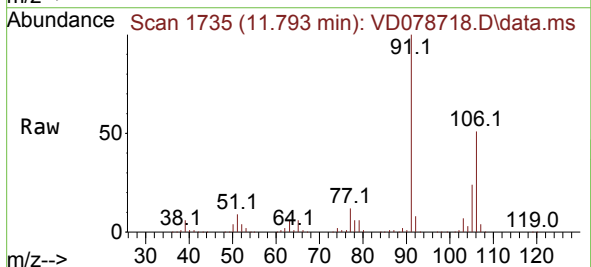
Acq: 20 Mar 2024 16:04

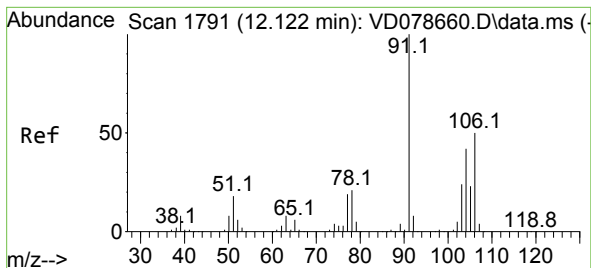
Tgt Ion:106 Resp: 315739

Ion Ratio Lower Upper

106 100

91 194.2 154.4 231.6





#69

o-Xylene

Concen: 61.142 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

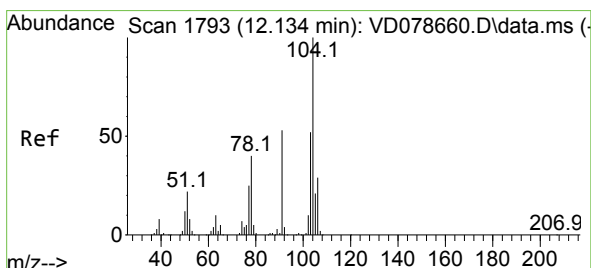
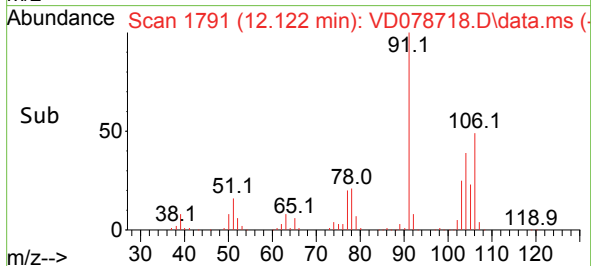
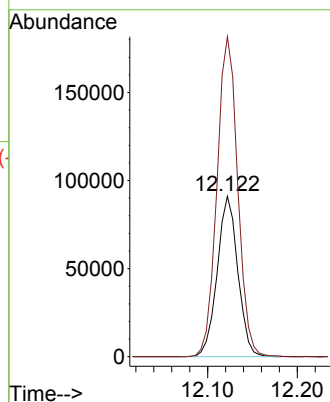
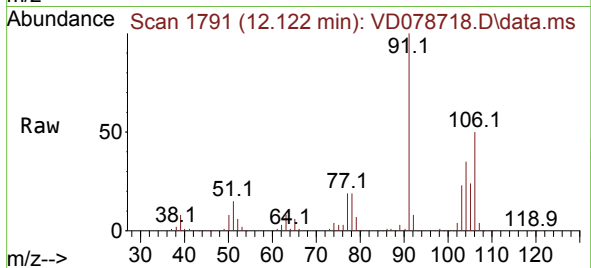
ClientSampleId :

Tgt Ion:106 Resp: 145238

Ion Ratio Lower Upper

106 100

91 200.8 99.6 298.7



#70

Styrene

Concen: 63.393 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

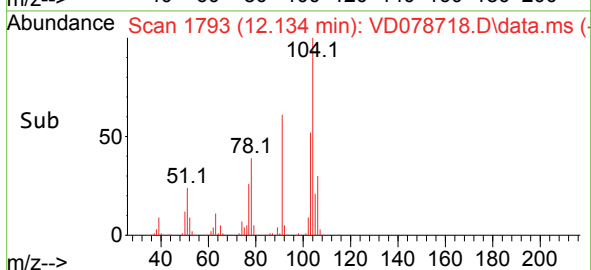
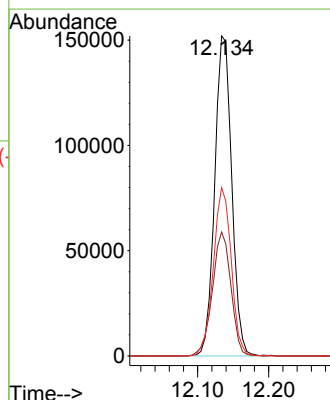
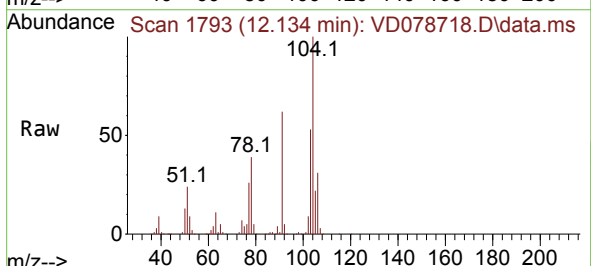
Tgt Ion:104 Resp: 252746

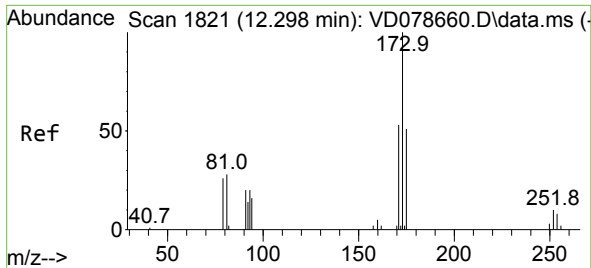
Ion Ratio Lower Upper

104 100

78 42.1 34.6 52.0

103 55.2 44.2 66.2

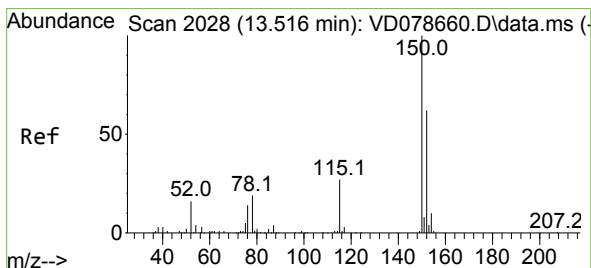
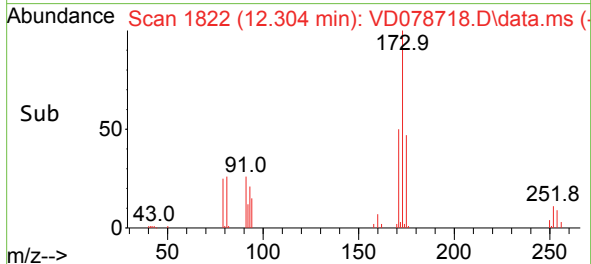
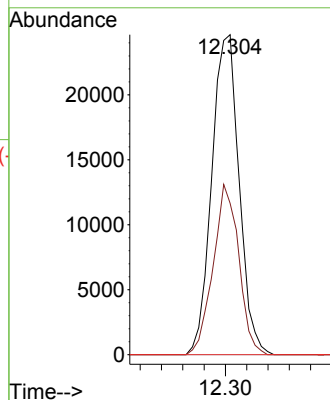
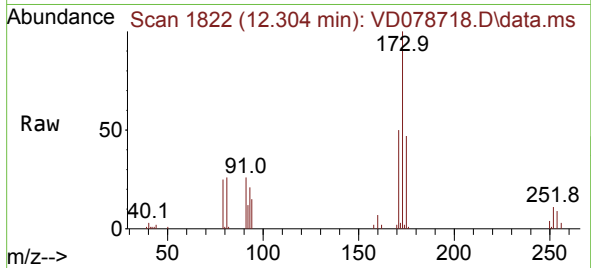




#71
Bromoform
Concen: 59.685 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

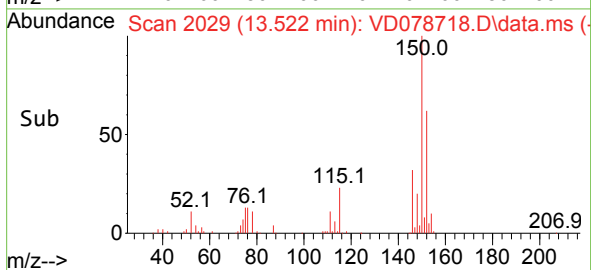
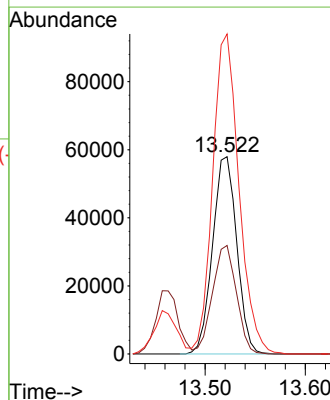
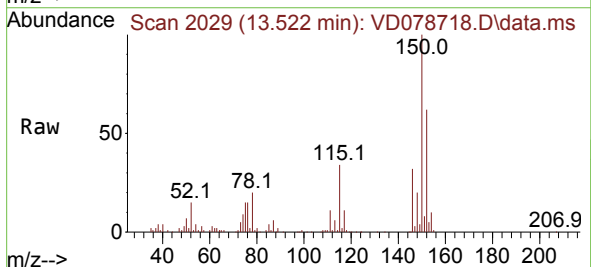
Instrument :
MSVOA_D
ClientSampleId :

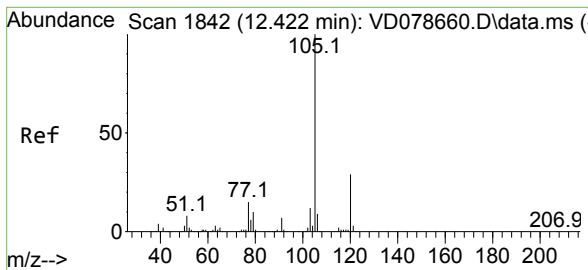
Tgt Ion:173 Resp: 43828
Ion Ratio Lower Upper
173 100
175 49.9 25.8 77.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:152 Resp: 97367
Ion Ratio Lower Upper
152 100
115 54.5 27.1 81.2
150 175.5 0.0 350.2





#73

Isopropylbenzene

Concen: 58.726 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

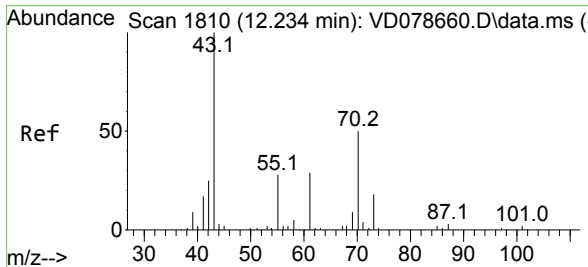
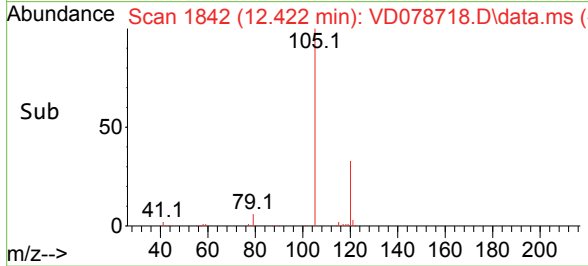
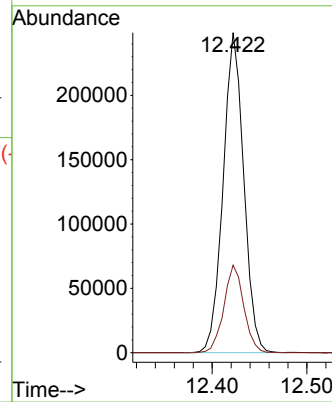
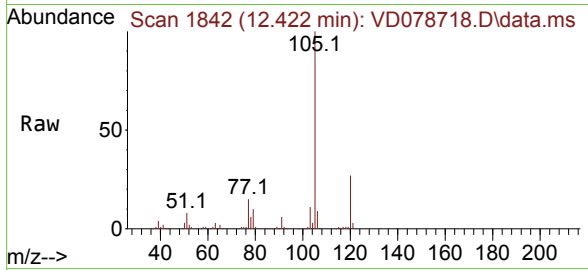
ClientSampleId :

Tgt Ion:105 Resp: 376473

Ion Ratio Lower Upper

105 100

120 26.4 13.7 41.0



#74

N-ethyl acetate

Concen: 55.353 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Tgt Ion: 43 Resp: 57613

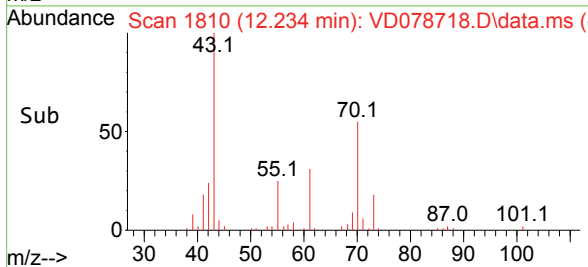
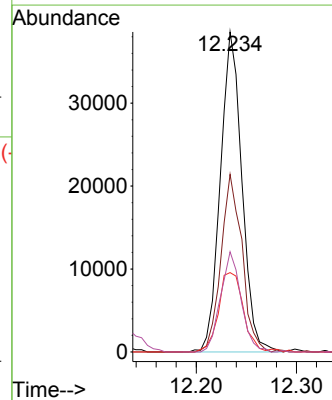
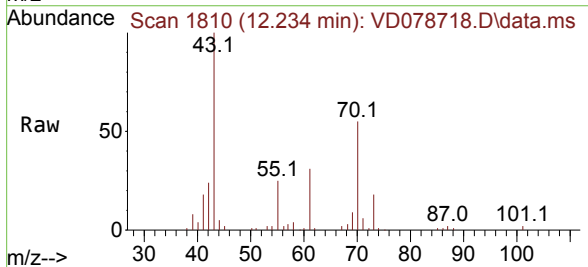
Ion Ratio Lower Upper

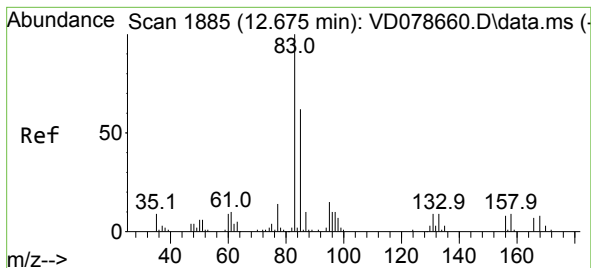
43 100

70 54.0 42.1 63.1

55 28.9 22.6 33.8

61 29.8 22.6 34.0





#75

1,1,2,2-Tetrachloroethane

Concen: 55.538 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

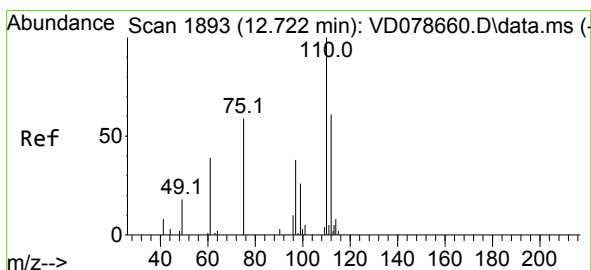
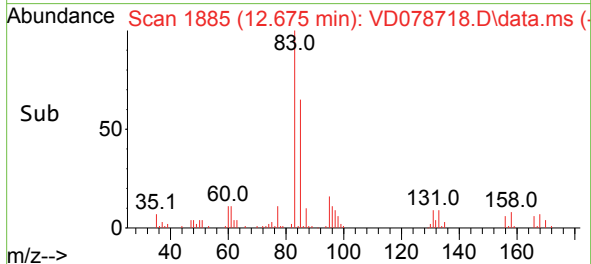
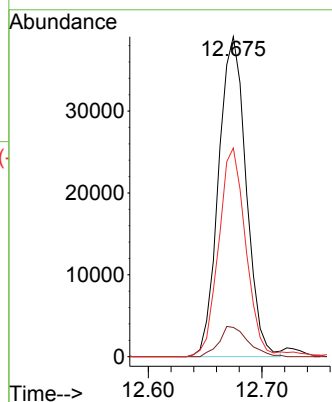
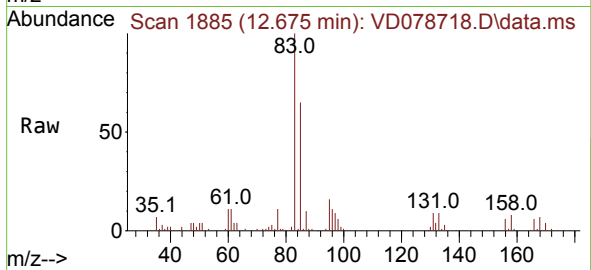
Tgt Ion: 83 Resp: 65909

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.7

85 65.1 32.2 96.6



#76

1,2,3-Trichloropropane

Concen: 102.619 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078718.D

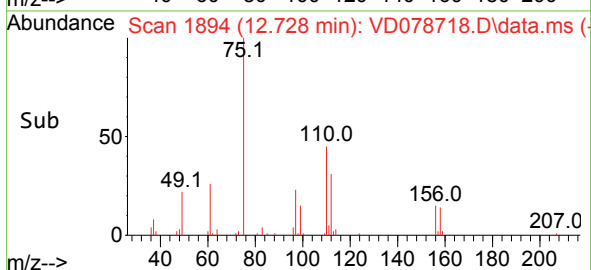
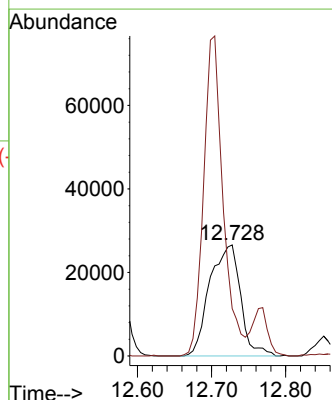
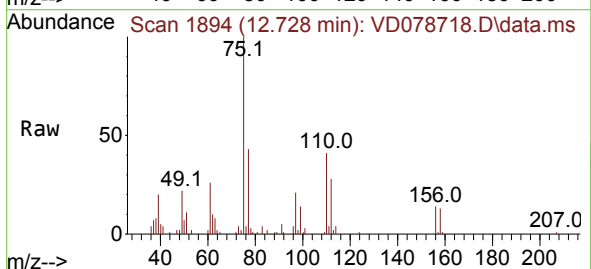
Acq: 20 Mar 2024 16:04

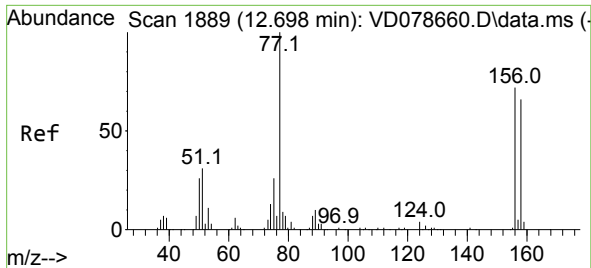
Tgt Ion: 75 Resp: 76980

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

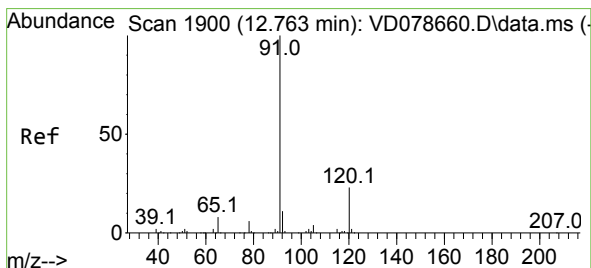
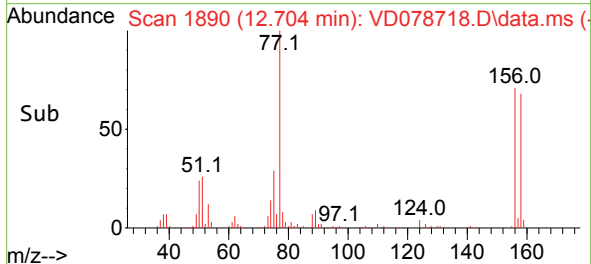
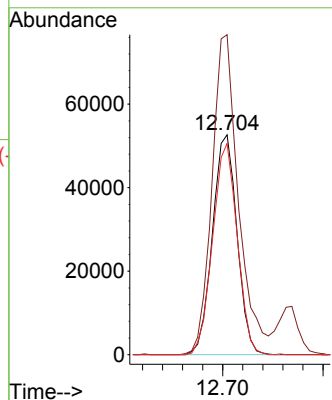
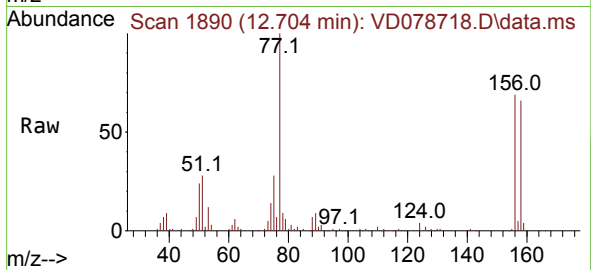




#77
Bromobenzene
Concen: 56.297 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

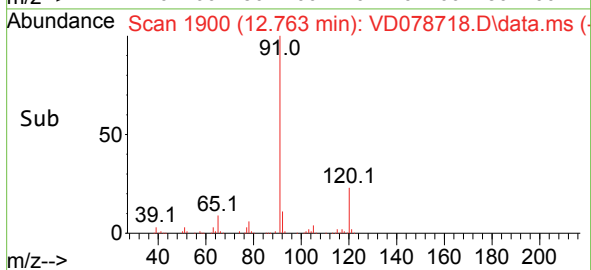
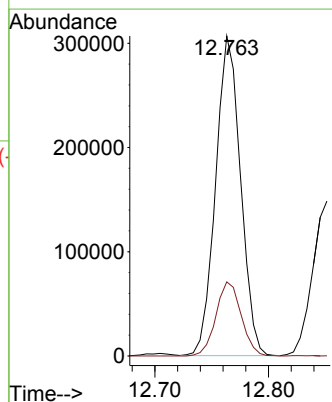
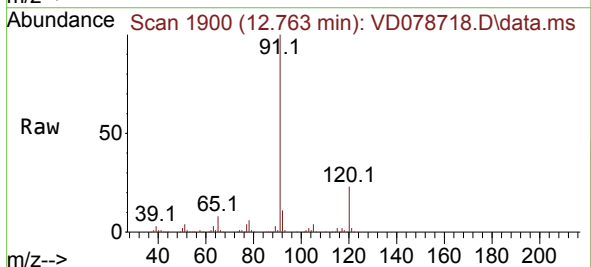
Instrument :
MSVOA_D
ClientSampleId :

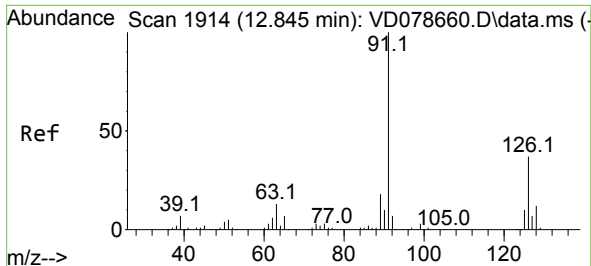
Tgt Ion:156 Resp: 89503
Ion Ratio Lower Upper
156 100
77 156.9 79.1 237.3
158 96.0 47.0 141.0



#78
n-propylbenzene
Concen: 59.930 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 91 Resp: 467649
Ion Ratio Lower Upper
91 100
120 23.4 11.7 35.1

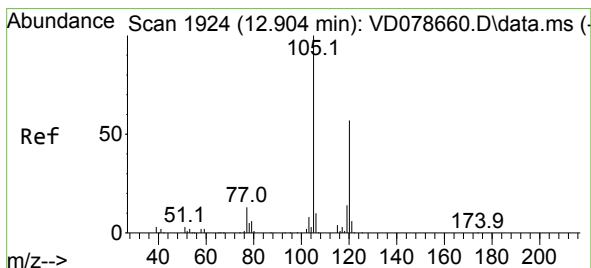
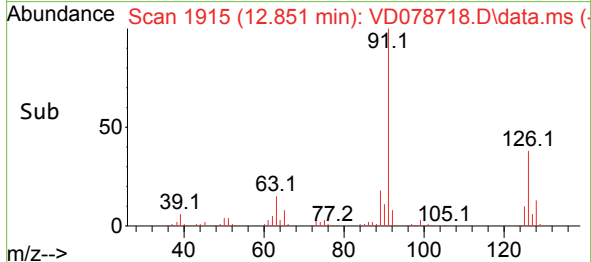
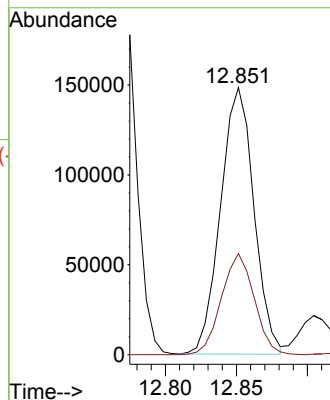
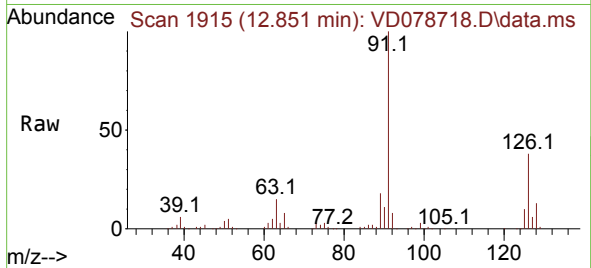




#79
2-Chlorotoluene
Concen: 56.751 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

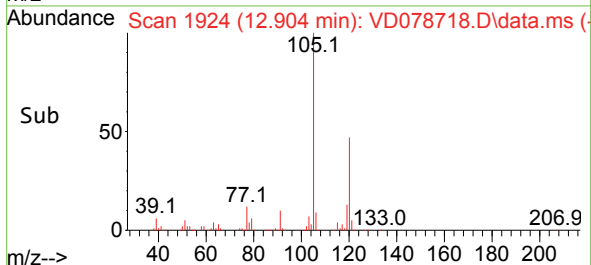
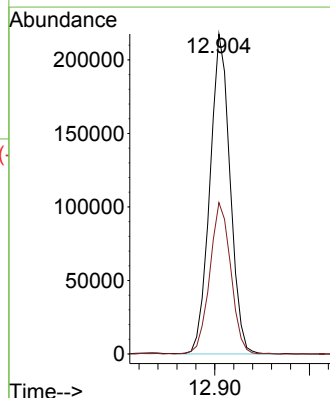
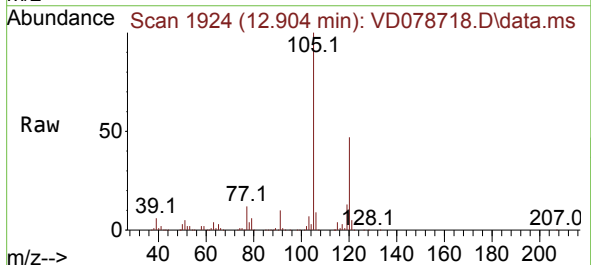
Instrument :
MSVOA_D
ClientSampleId :

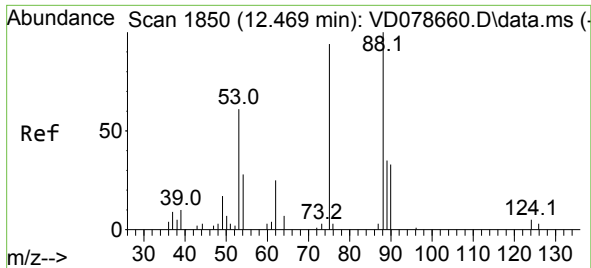
Tgt Ion: 91 Resp: 242941
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 60.764 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 105 Resp: 322127
Ion Ratio Lower Upper
105 100
120 49.1 25.9 77.7

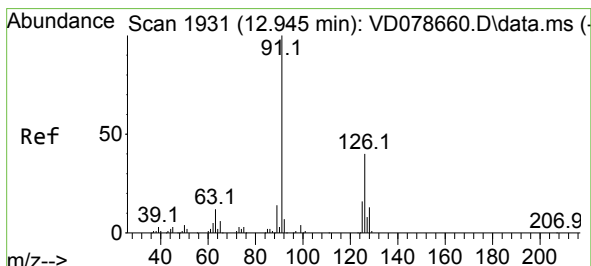
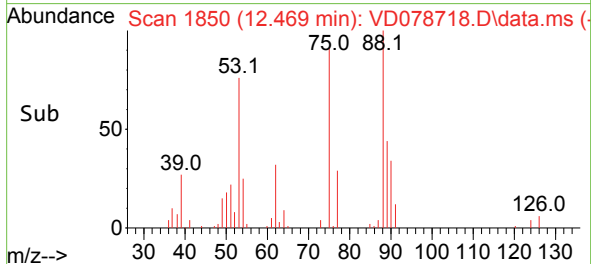
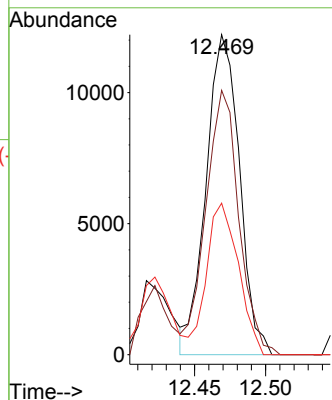
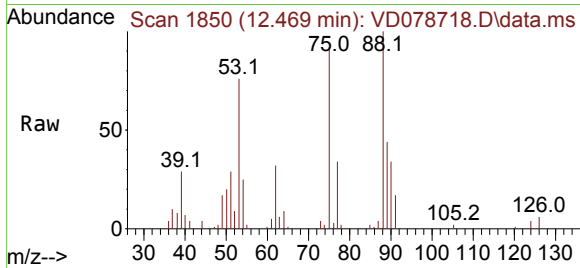




#81
trans-1,4-Dichloro-2-butene
Concen: 55.654 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

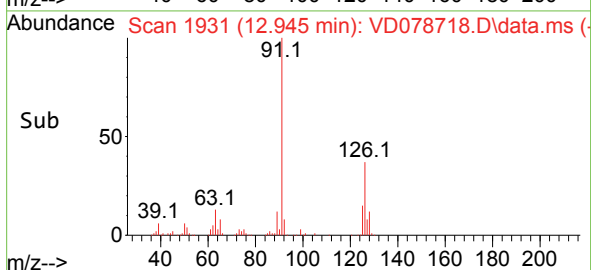
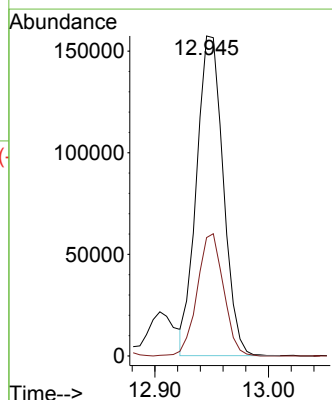
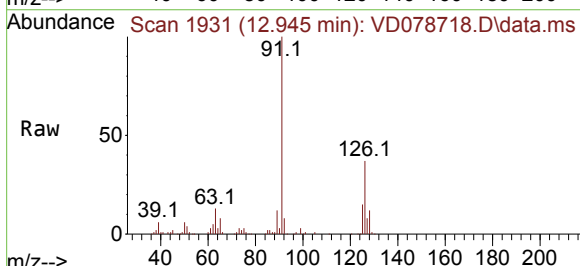
Instrument :
MSVOA_D
ClientSampleId :

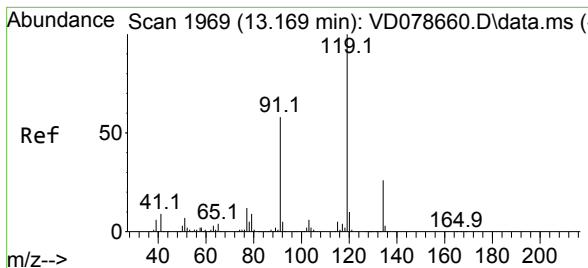
Tgt Ion:	75	Resp:	19917
Ion Ratio	Lower	Upper	
75	100		
53	82.3	61.0	91.6
89	45.1	35.4	53.0



#82
4-Chlorotoluene
Concen: 56.740 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:	91	Resp:	256905
Ion Ratio	Lower	Upper	
91	100		
126	37.7	18.9	56.5





#83

tert-Butylbenzene

Concen: 60.531 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

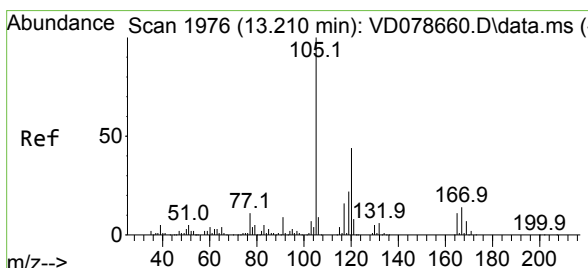
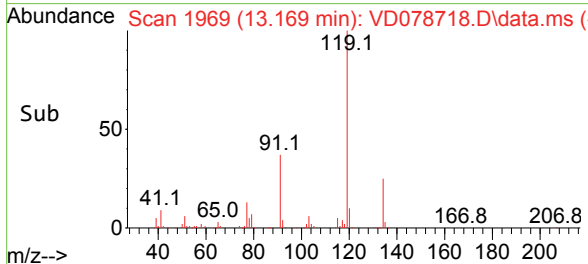
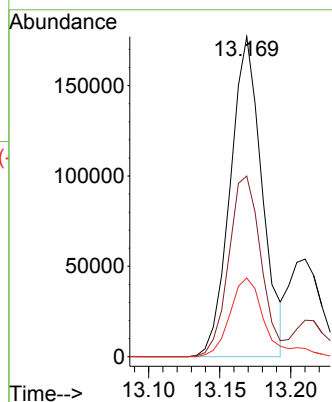
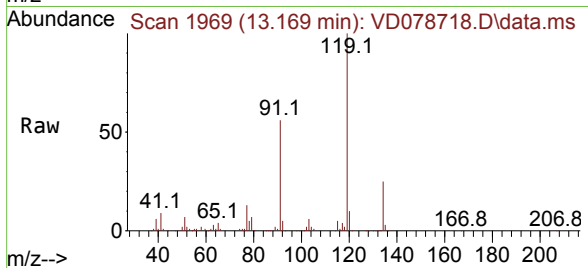
Tgt Ion:119 Resp: 276691

Ion Ratio Lower Upper

119 100

91 57.0 28.9 86.7

134 27.2 13.6 40.8



#84

1,2,4-Trimethylbenzene

Concen: 59.772 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078718.D

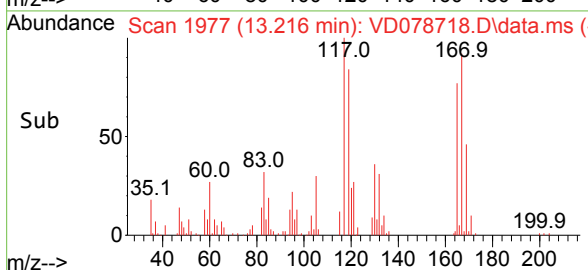
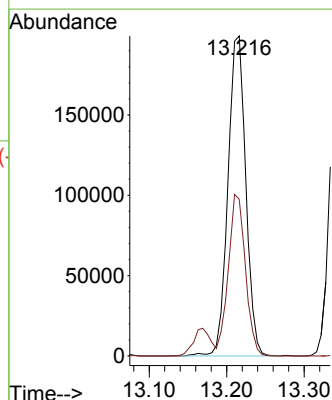
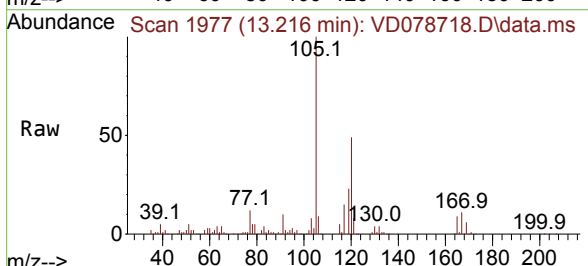
Acq: 20 Mar 2024 16:04

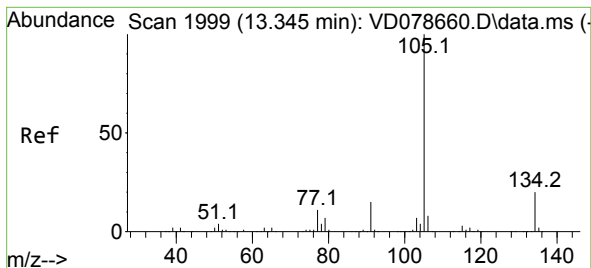
Tgt Ion:105 Resp: 319328

Ion Ratio Lower Upper

105 100

120 48.3 23.1 69.2





#85

sec-Butylbenzene

Concen: 61.004 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

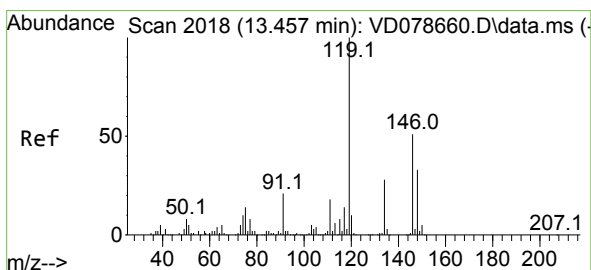
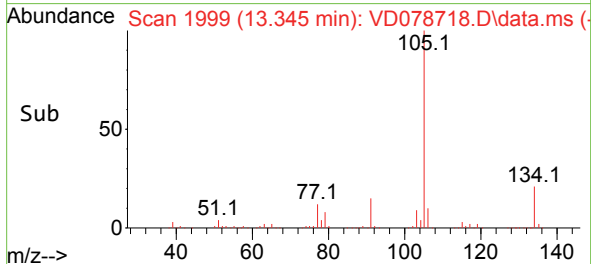
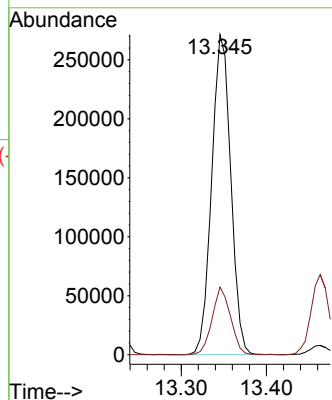
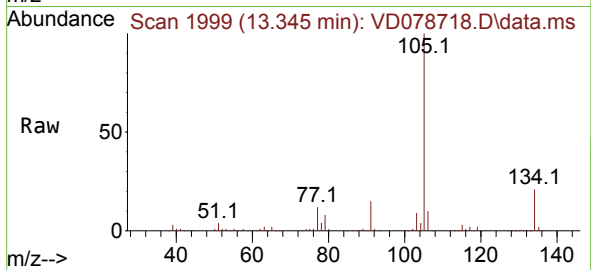
ClientSampleId :

Tgt Ion:105 Resp: 421991

Ion Ratio Lower Upper

105 100

134 20.3 10.4 31.2



#86

p-Isopropyltoluene

Concen: 61.272 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

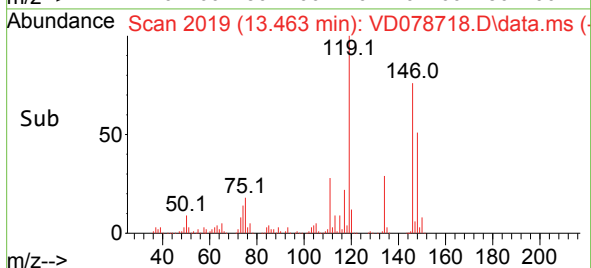
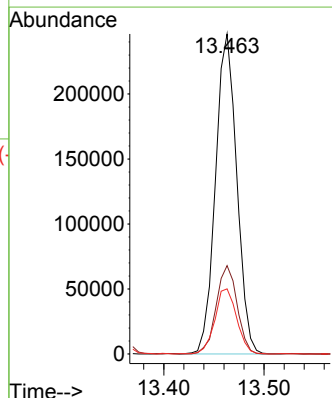
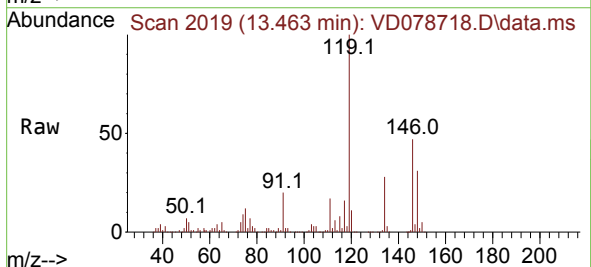
Tgt Ion:119 Resp: 362847

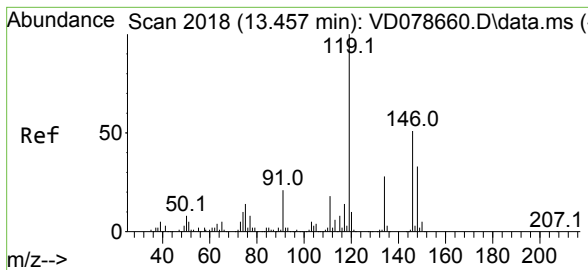
Ion Ratio Lower Upper

119 100

134 27.1 13.5 40.5

91 21.0 10.4 31.2





#87

1,3-Dichlorobenzene

Concen: 58.256 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

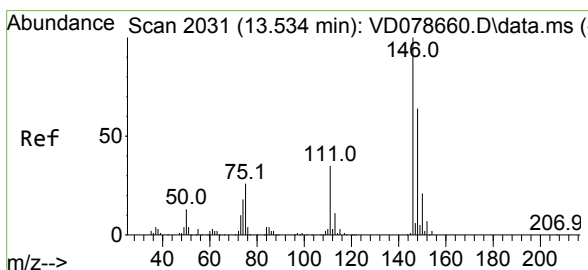
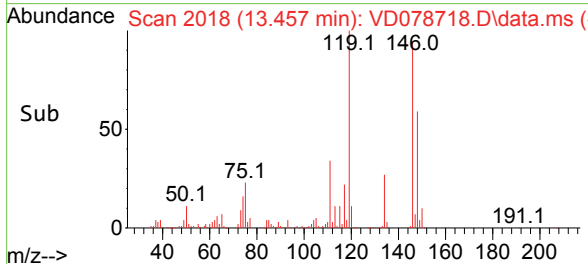
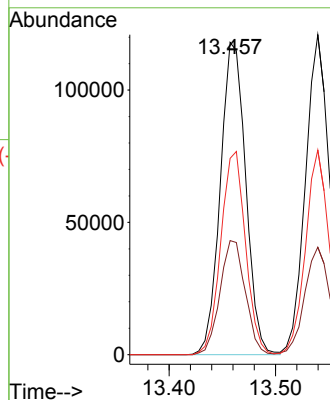
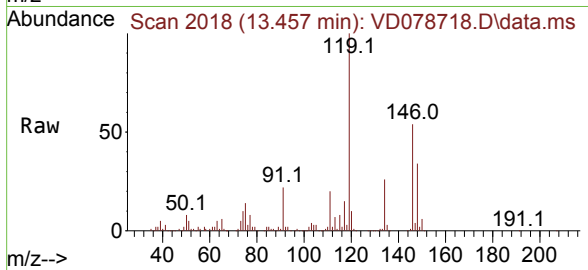
Tgt Ion:146 Resp: 195448

Ion Ratio Lower Upper

146 100

111 36.4 18.2 54.6

148 63.3 31.1 93.5



#88

1,4-Dichlorobenzene

Concen: 57.238 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

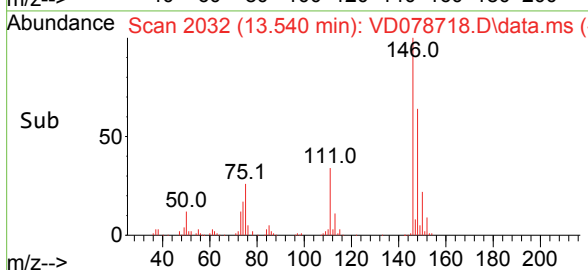
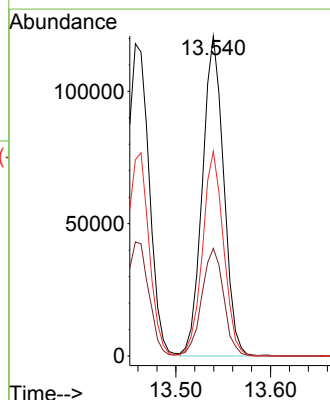
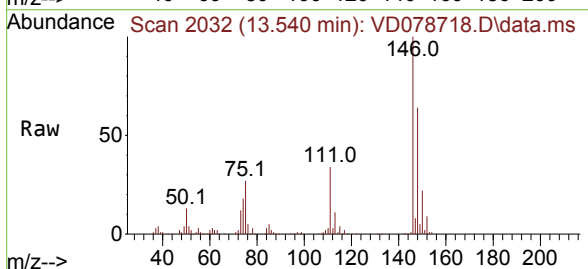
Tgt Ion:146 Resp: 189252

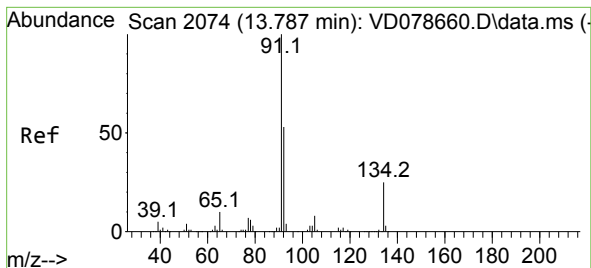
Ion Ratio Lower Upper

146 100

111 34.6 17.8 53.3

148 63.2 32.4 97.0





#89

n-Butylbenzene

Concen: 61.628 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

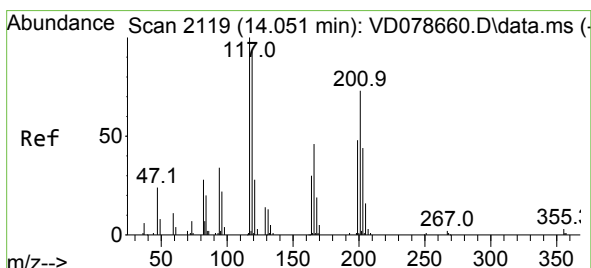
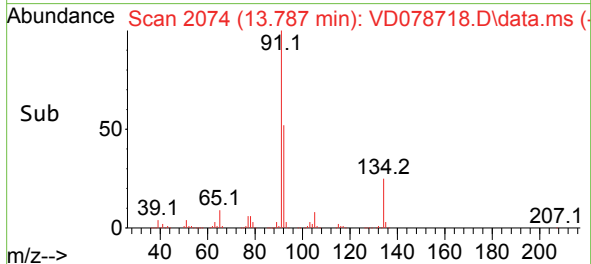
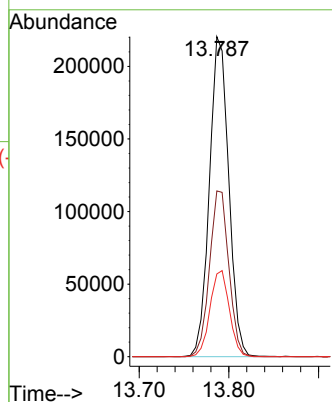
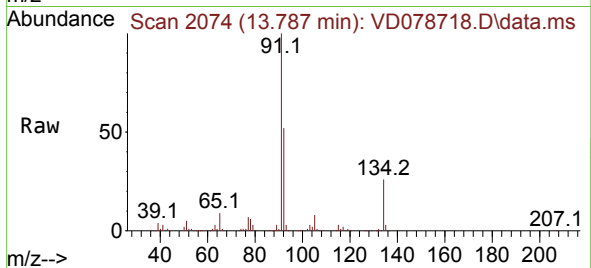
Tgt Ion: 91 Resp: 329597

Ion Ratio Lower Upper

91 100

92 51.8 26.4 79.0

134 26.9 13.0 38.9



#90

Hexachloroethane

Concen: 57.340 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD078718.D

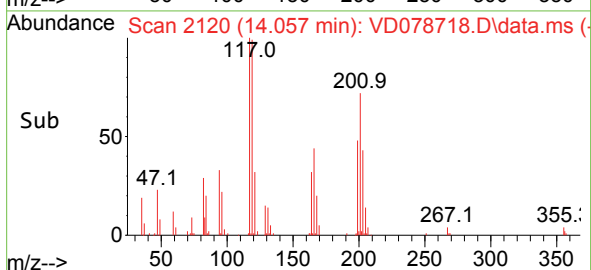
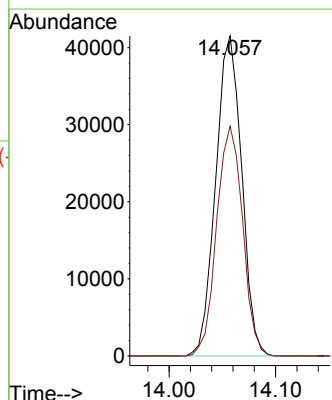
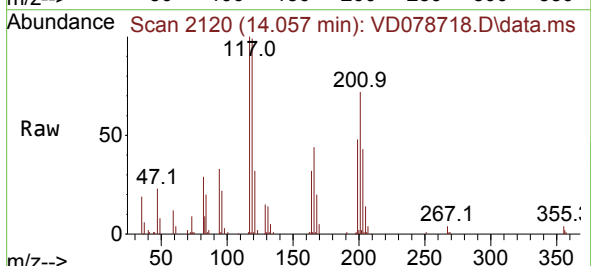
Acq: 20 Mar 2024 16:04

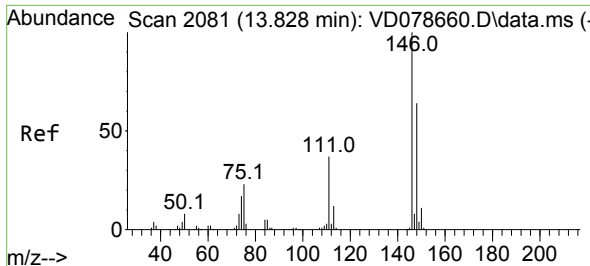
Tgt Ion: 117 Resp: 70260

Ion Ratio Lower Upper

117 100

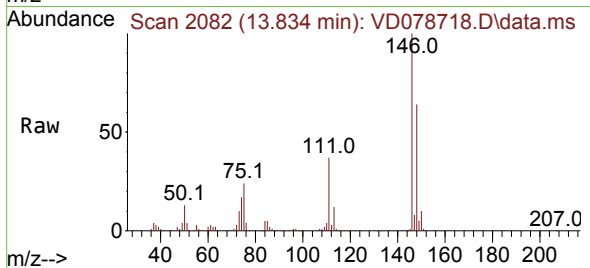
201 71.9 36.2 108.6



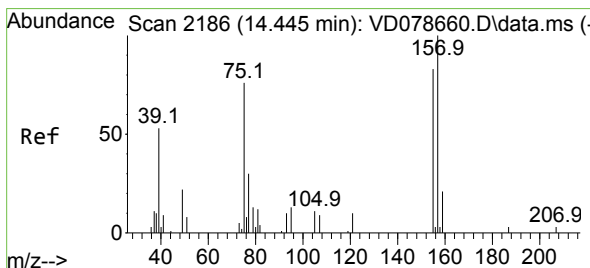
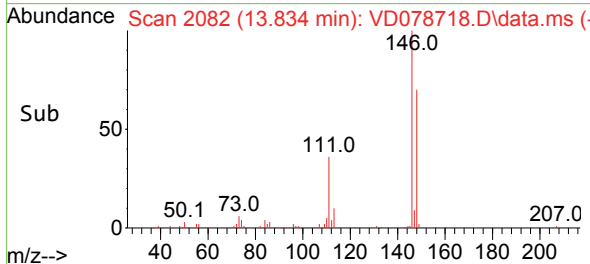
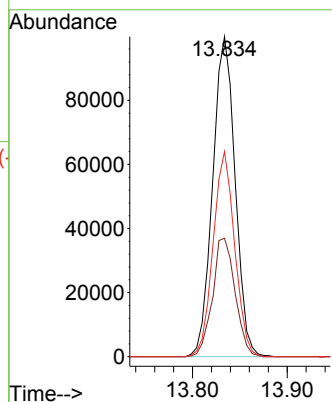


#91
1,2-Dichlorobenzene
Concen: 56.925 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Instrument :
MSVOA_D
ClientSampleId :

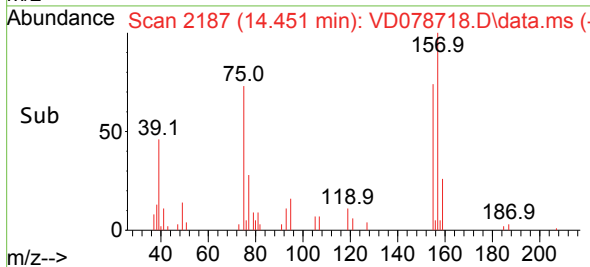
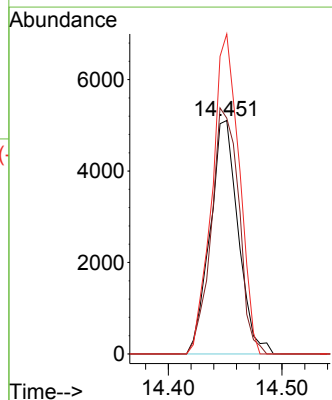
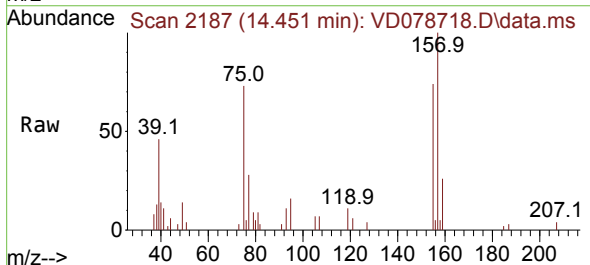


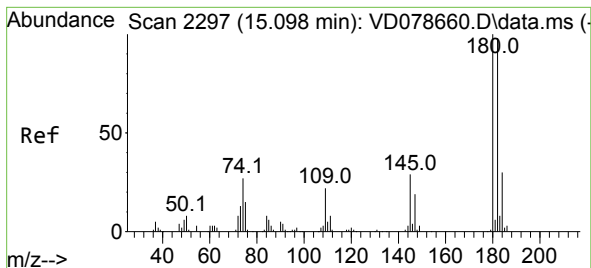
Tgt Ion:146 Resp: 164486
Ion Ratio Lower Upper
146 100
111 37.2 18.6 56.0
148 61.5 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 55.362 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion: 75 Resp: 8789
Ion Ratio Lower Upper
75 100
155 102.9 49.8 149.3
157 132.0 65.5 196.3





#93

1,2,4-Trichlorobenzene

Concen: 57.109 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

Instrument :

MSVOA_D

ClientSampleId :

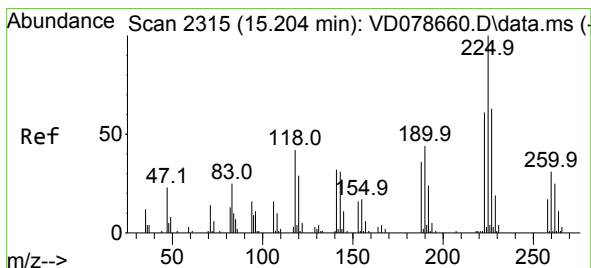
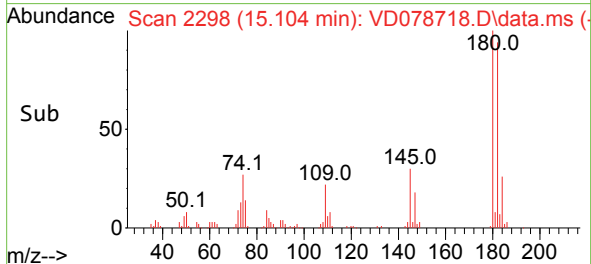
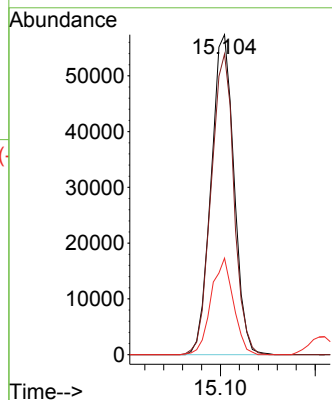
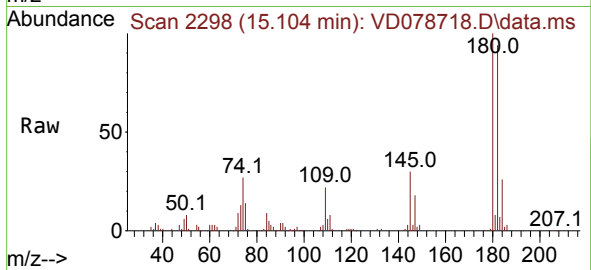
Tgt Ion:180 Resp: 96305

Ion Ratio Lower Upper

180 100

182 93.5 49.7 149.1

145 29.5 14.6 44.0



#94

Hexachlorobutadiene

Concen: 56.540 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078718.D

Acq: 20 Mar 2024 16:04

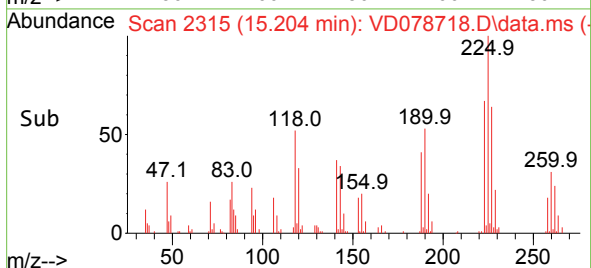
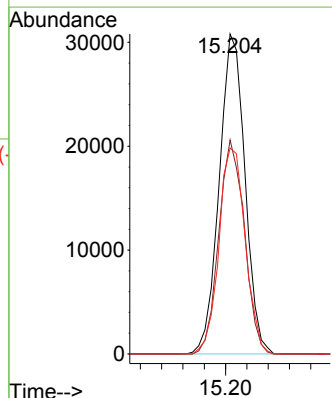
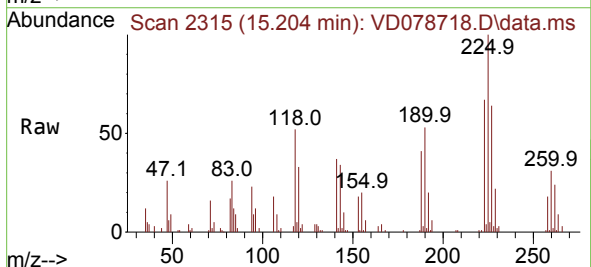
Tgt Ion:225 Resp: 51618

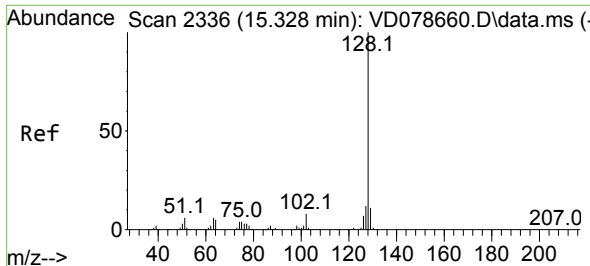
Ion Ratio Lower Upper

225 100

223 66.3 31.9 95.7

227 65.7 32.0 96.0

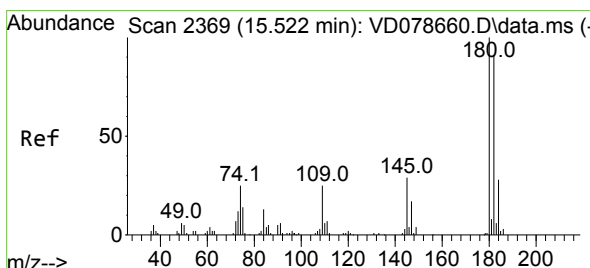
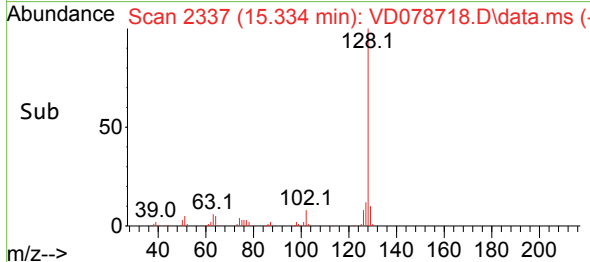
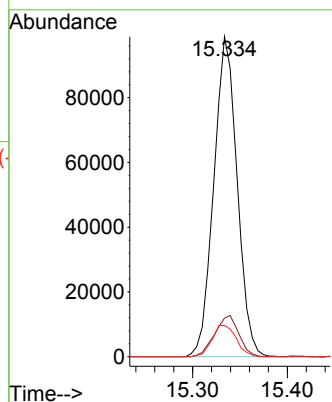
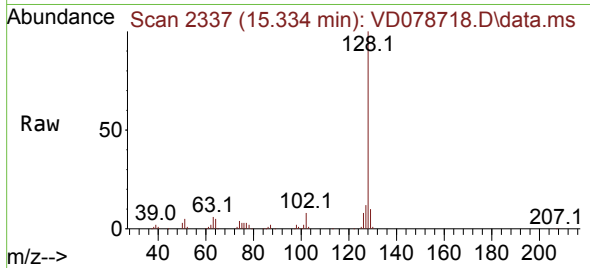




#95
Naphthalene
Concen: 57.768 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 169370
Ion Ratio Lower Upper
128 100
127 12.1 9.3 13.9
129 9.7 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 57.421 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD078718.D
Acq: 20 Mar 2024 16:04

Tgt Ion:180 Resp: 83771
Ion Ratio Lower Upper
180 100
182 95.3 46.7 140.1
145 30.6 14.4 43.4

