

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021424\
 Data File : VD078411.D
 Acq On : 14 Feb 2024 13:39
 Operator : RP/MD
 Sample : VD0214SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 03:40:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134417	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	239755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	218865	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	105827	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78242	53.835	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.660%	
35) Dibromofluoromethane	7.804	113	82759	54.341	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.269	98	331086	54.345	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.700%	
62) 4-Bromofluorobenzene	12.575	95	93443	52.707	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.420%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	28452	21.483	ug/l	98
3) Chloromethane	2.152	50	54082	22.220	ug/l	97
4) Vinyl Chloride	2.287	62	82507	22.215	ug/l	98
5) Bromomethane	2.687	94	59203	23.094	ug/l	96
6) Chloroethane	2.840	64	60363	22.289	ug/l	100
7) Trichlorofluoromethane	3.175	101	59288	23.664	ug/l	91
8) Diethyl Ether	3.593	74	16607	23.013	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.963	101	37042	23.437	ug/l	95
10) Methyl Iodide	4.163	142	32469	22.936	ug/l	90
11) Tert butyl alcohol	5.063	59	10252	127.378	ug/l	# 86
12) 1,1-Dichloroethene	3.940	96	33668	22.977	ug/l	# 80
13) Acrolein	3.793	56	12384	92.234	ug/l	97
14) Allyl chloride	4.563	41	43450	24.003	ug/l	89
15) Acrylonitrile	5.257	53	35260	114.141	ug/l	100
16) Acetone	4.016	43	41340	134.808	ug/l	# 79
17) Carbon Disulfide	4.269	76	115316	23.387	ug/l	100
18) Methyl Acetate	4.563	43	12961	15.491	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	70896	22.772	ug/l	98
20) Methylene Chloride	4.799	84	48071	27.828	ug/l	# 86
21) trans-1,2-Dichloroethene	5.310	96	40290	23.373	ug/l	99
22) Diisopropyl ether	6.216	45	94549	23.697	ug/l	95
23) Vinyl Acetate	6.157	43	280876	167.118	ug/l	# 92
24) 1,1-Dichloroethane	6.110	63	68181	24.123	ug/l	93
25) 2-Butanone	7.087	43	51285	131.855	ug/l	91
26) 2,2-Dichloropropane	7.075	77	57285	24.177	ug/l	97
27) cis-1,2-Dichloroethene	7.087	96	44994	23.790	ug/l	95
28) Bromochloromethane	7.422	49	24949	22.286	ug/l	81
29) Tetrahydrofuran	7.446	42	24890	115.157	ug/l	88
30) Chloroform	7.593	83	72776	24.336	ug/l	90
31) Cyclohexane	7.881	56	57710	23.473	ug/l	90
32) 1,1,1-Trichloroethane	7.793	97	60963	23.910	ug/l	98
36) 1,1-Dichloropropene	8.010	75	55381	23.408	ug/l	96
37) Ethyl Acetate	7.169	43	19003	22.913	ug/l	99
38) Carbon Tetrachloride	7.987	117	53185	22.699	ug/l	95
39) Methylcyclohexane	9.269	83	64125	22.831	ug/l	97
40) Benzene	8.251	78	157797	23.075	ug/l	99

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 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 15 03:40:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9223	21.368	ug/l #	93
42) 1,2-Dichloroethane	8.322	62	39665	22.417	ug/l	97
43) Isopropyl Acetate	8.357	43	35320	22.998	ug/l #	74
44) Trichloroethene	9.028	130	40852	23.416	ug/l	100
45) 1,2-Dichloropropane	9.304	63	39058	23.279	ug/l	98
46) Dibromomethane	9.393	93	21393	22.668	ug/l	89
47) Bromodichloromethane	9.587	83	54283	23.223	ug/l #	93
48) Methyl methacrylate	9.375	41	14703	18.045	ug/l #	85
49) 1,4-Dioxane	9.381	88	4593	449.398	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	94546	115.993	ug/l	87
52) Toluene	10.334	92	99044	22.903	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	49003	22.975	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	59652	23.064	ug/l #	88
55) 1,1,2-Trichloroethane	10.728	97	29389	23.124	ug/l	91
56) Ethyl methacrylate	10.598	69	28966	24.643	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	48928	22.632	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	60419	87.263	ug/l	95
59) 2-Hexanone	10.922	43	73290	119.646	ug/l	88
60) Dibromochloromethane	11.075	129	33928	22.187	ug/l	98
61) 1,2-Dibromoethane	11.181	107	26971	22.605	ug/l	100
64) Tetrachloroethene	10.810	164	32178	23.277	ug/l	92
65) Chlorobenzene	11.604	112	103433	23.507	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	36218	22.398	ug/l	100
67) Ethyl Benzene	11.687	91	181980	23.083	ug/l	92
68) m/p-Xylenes	11.792	106	142266	46.263	ug/l	91
69) o-Xylene	12.122	106	64228	22.887	ug/l	89
70) Styrene	12.134	104	111984	24.450	ug/l	98
71) Bromoform	12.298	173	18576	21.826	ug/l #	99
73) Isopropylbenzene	12.422	105	171633	24.153	ug/l	95
74) N-amyl acetate	12.234	43	32487	24.165	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	32638	23.154	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	38227	42.548	ug/l #	100
77) Bromobenzene	12.698	156	39273	23.516	ug/l	87
78) n-propylbenzene	12.763	91	222246	25.097	ug/l	97
79) 2-Chlorotoluene	12.845	91	117512	24.775	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	146141	24.767	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	10330	23.869	ug/l	95
82) 4-Chlorotoluene	12.945	91	123080	24.161	ug/l	96
83) tert-Butylbenzene	13.169	119	123643	24.846	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	145946	24.371	ug/l	96
85) sec-Butylbenzene	13.345	105	196312	25.437	ug/l	95
86) p-Isopropyltoluene	13.463	119	159929	24.329	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	84535	23.717	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	84143	24.025	ug/l	98
89) n-Butylbenzene	13.786	91	156041	24.628	ug/l	97
90) Hexachloroethane	14.051	117	33743	24.975	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	72169	24.111	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4236	22.950	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	42904	24.390	ug/l	96
94) Hexachlorobutadiene	15.204	225	21065	22.942	ug/l	98
95) Naphthalene	15.333	128	75607	23.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	36696	24.615	ug/l	99

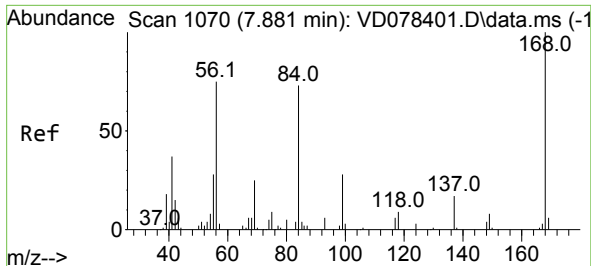
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Data File : VD078411.D
Acq On : 14 Feb 2024 13:39
Operator : RP/MD
Sample : VD0214SBSD01
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 15 03:40:23 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 14 01:16:20 2024
Response via : Initial Calibration

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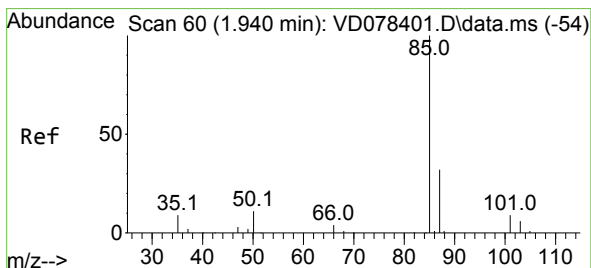
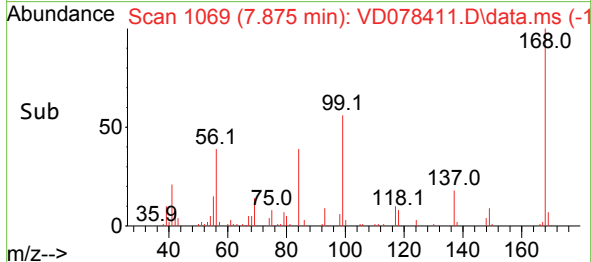
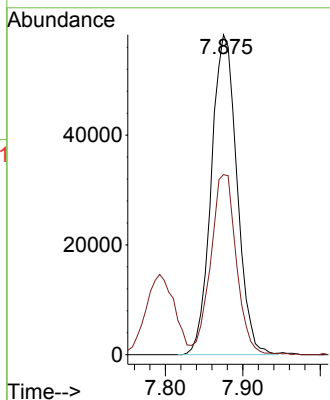
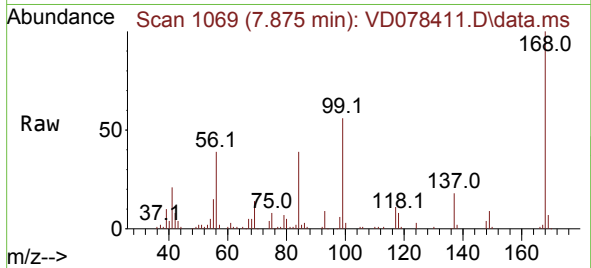
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

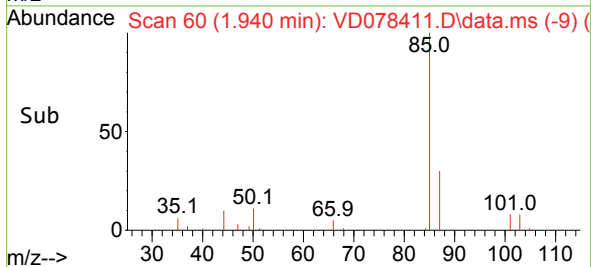
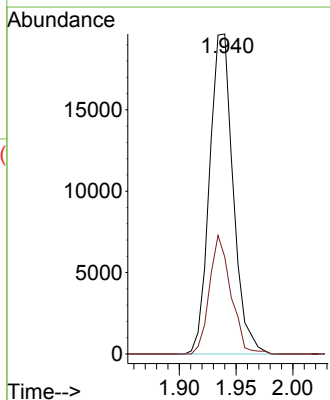
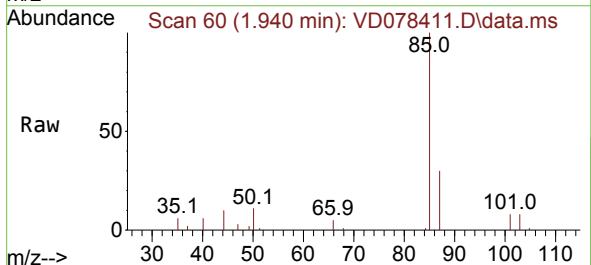
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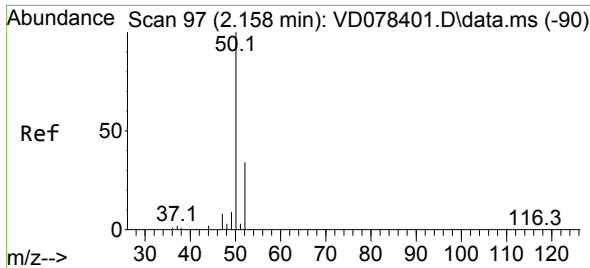
Tgt Ion:168 Resp: 134417
Ion Ratio Lower Upper
168 100
99 55.8 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 21.483 ug/l
RT: 1.940 min Scan# 60
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 85 Resp: 28452
Ion Ratio Lower Upper
85 100
87 30.3 15.7 47.0

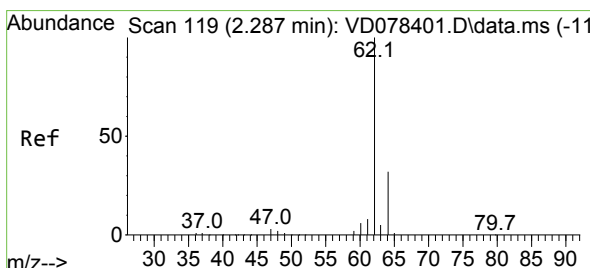
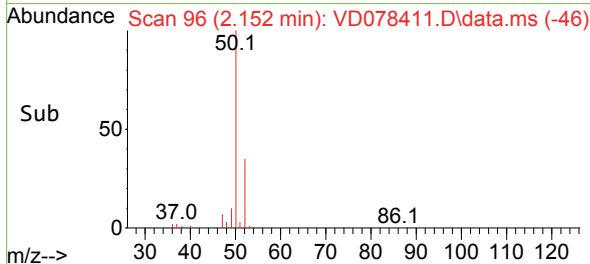
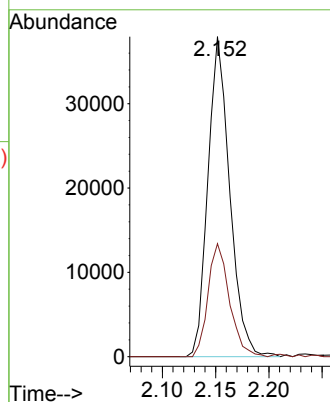
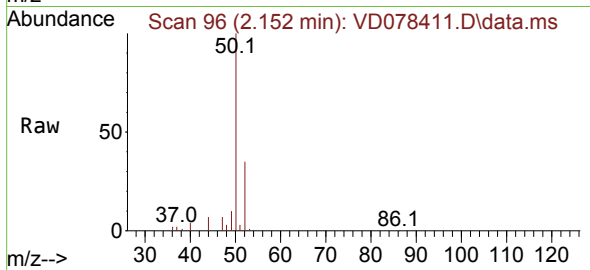




#3
Chloromethane
Concen: 22.220 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

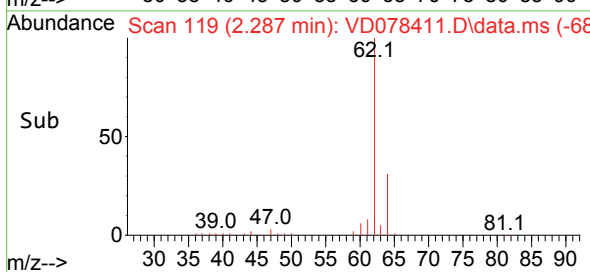
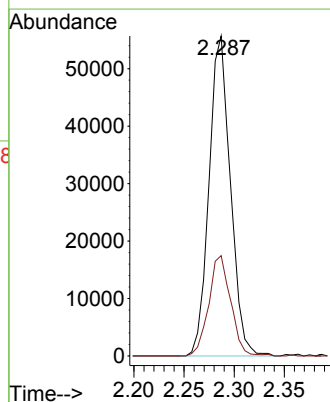
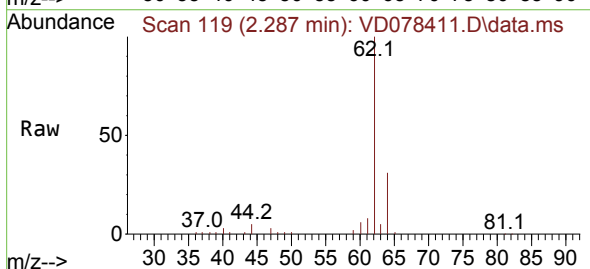
Instrument :
MSVOA_D
ClientSampleId :

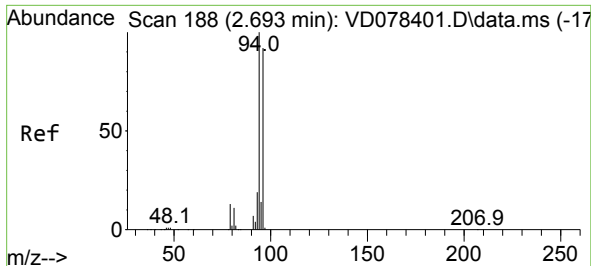
Tgt Ion: 50 Resp: 54082
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0



#4
Vinyl Chloride
Concen: 22.215 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 62 Resp: 82507
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

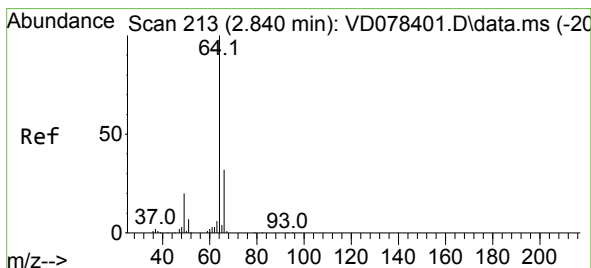
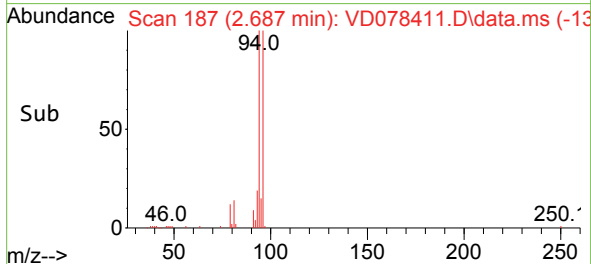
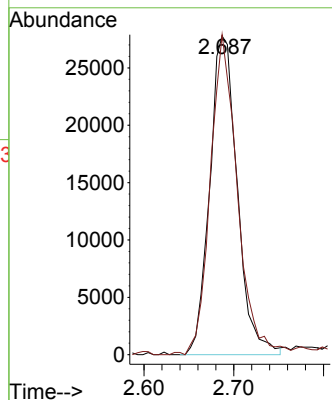
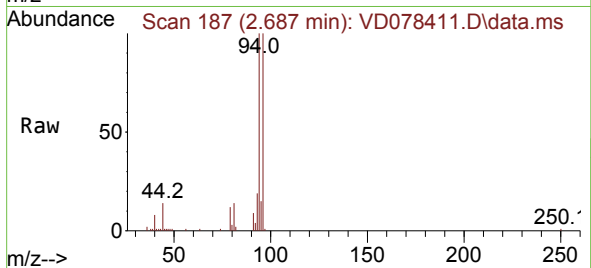




#5
Bromomethane
Concen: 23.094 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

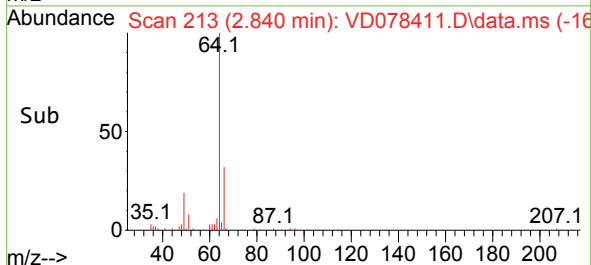
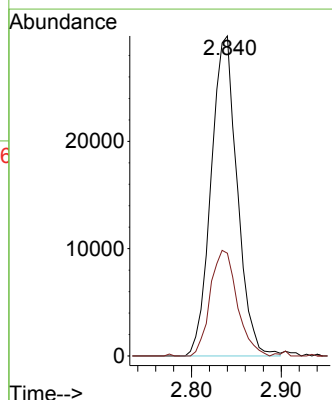
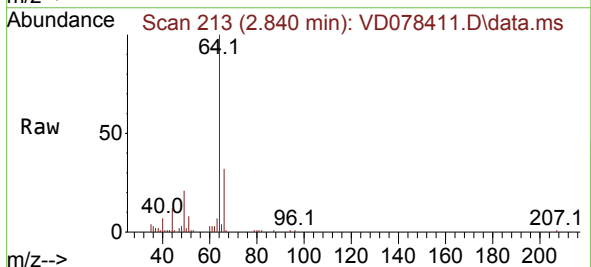
Instrument :
MSVOA_D
ClientSampleId :

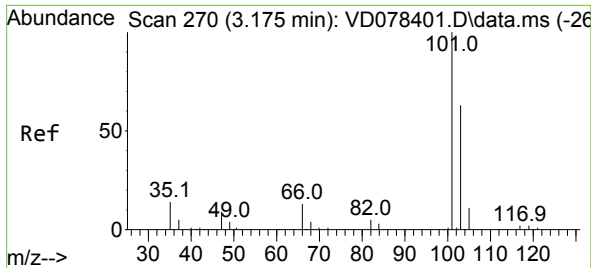
Tgt Ion: 94 Resp: 59203
Ion Ratio Lower Upper
94 100
96 98.7 75.8 113.8



#6
Chloroethane
Concen: 22.289 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 64 Resp: 60363
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

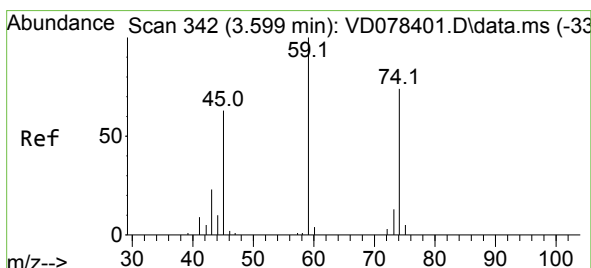
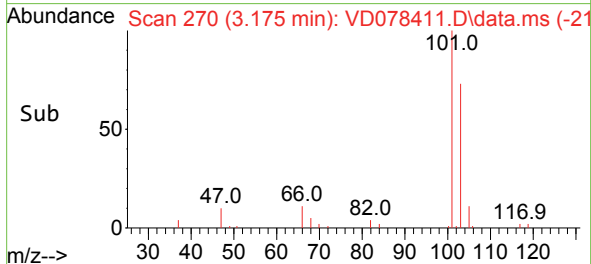
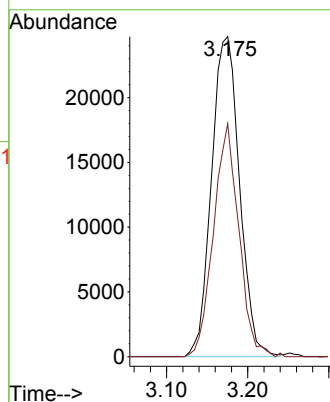
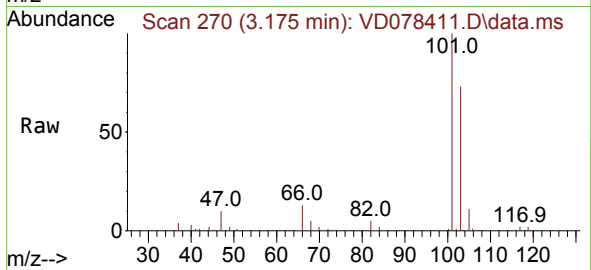




#7
Trichlorofluoromethane
Concen: 23.664 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

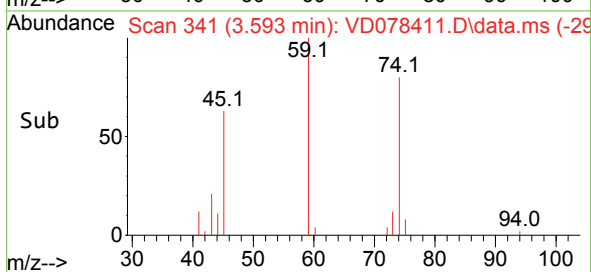
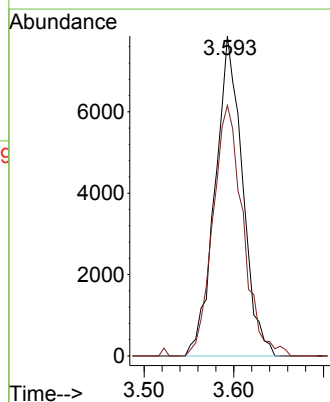
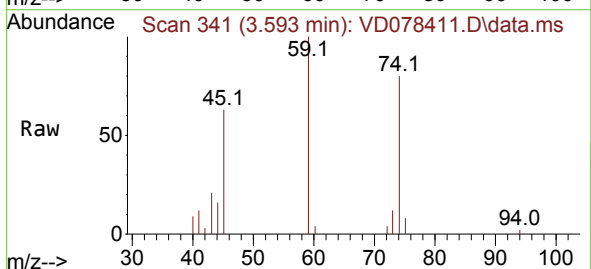
Instrument :
MSVOA_D
ClientSampleId :

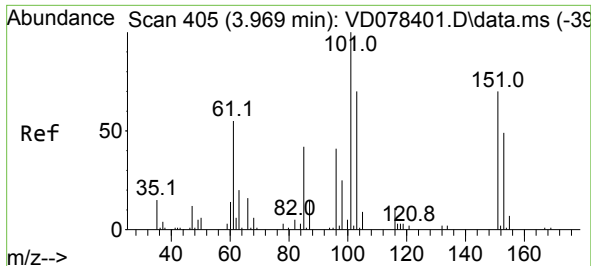
Tgt Ion:101 Resp: 59288
Ion Ratio Lower Upper
101 100
103 72.8 52.3 78.5



#8
Diethyl Ether
Concen: 23.013 ug/l
RT: 3.593 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 74 Resp: 16607
Ion Ratio Lower Upper
74 100
45 86.0 37.5 112.7

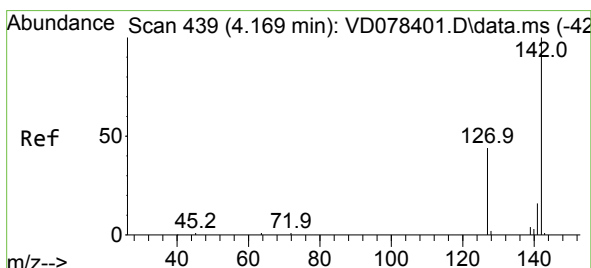
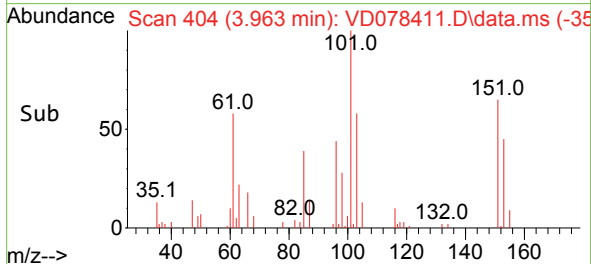
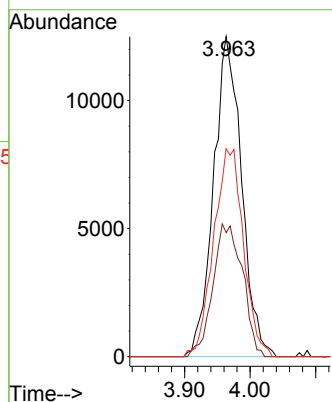
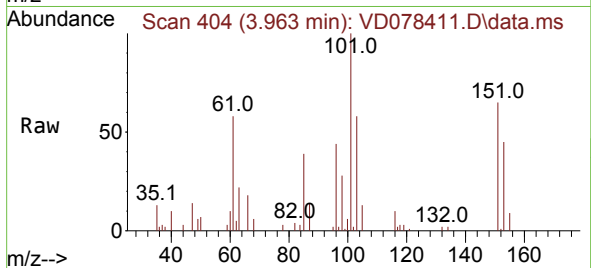




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.437 ug/l
RT: 3.963 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

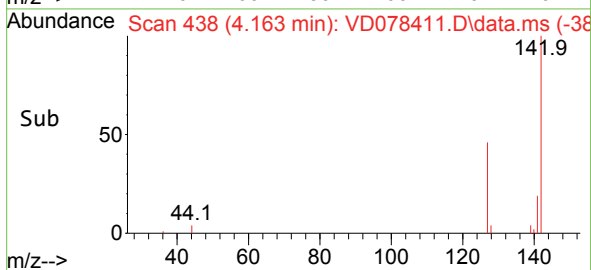
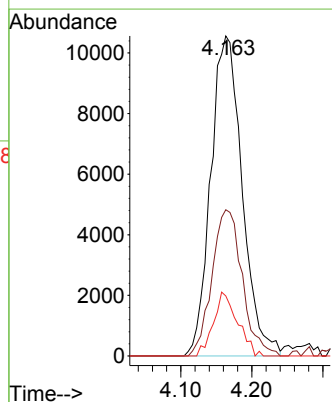
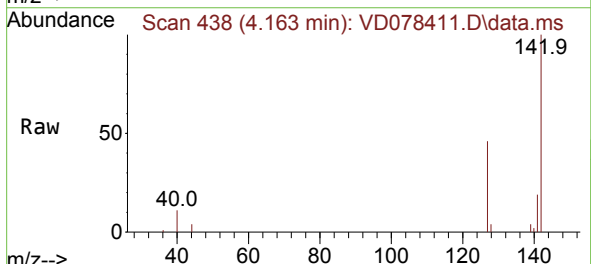
Instrument :
MSVOA_D
ClientSampleId :

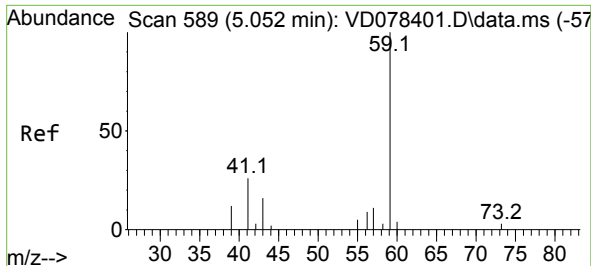
Tgt Ion:101 Resp: 37042
Ion Ratio Lower Upper
101 100
85 43.8 33.8 50.6
151 69.3 59.8 89.6



#10
Methyl Iodide
Concen: 22.936 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

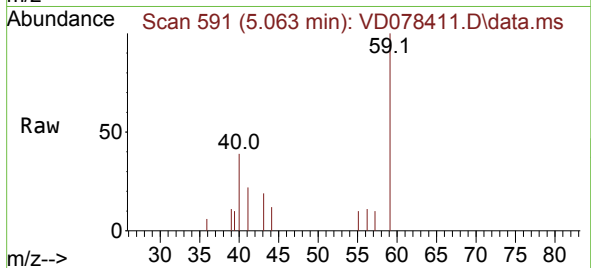
Tgt Ion:142 Resp: 32469
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 15.3 11.1 16.7



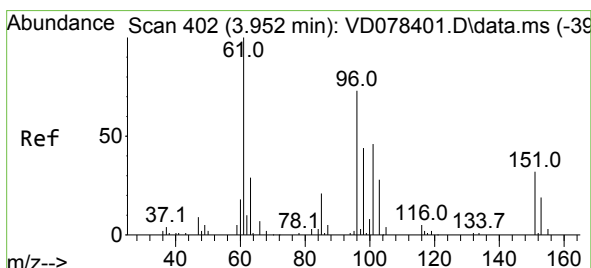
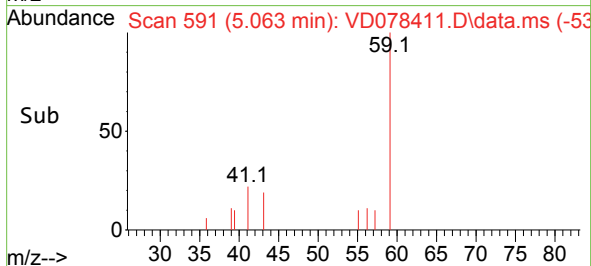
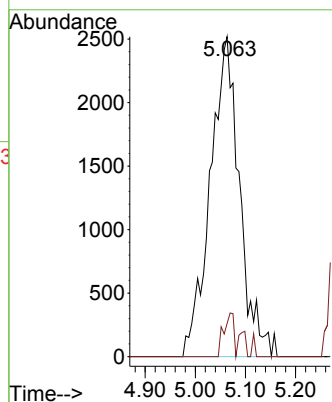


#11
Tert butyl alcohol
Concen: 127.378 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.011 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :

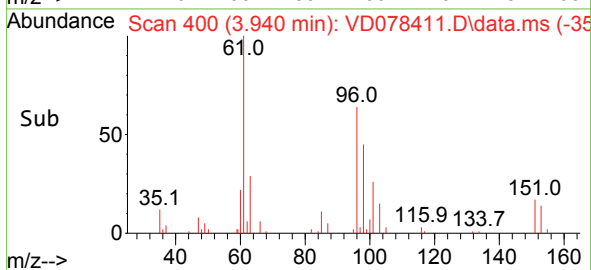
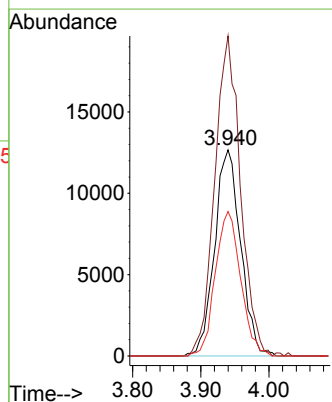
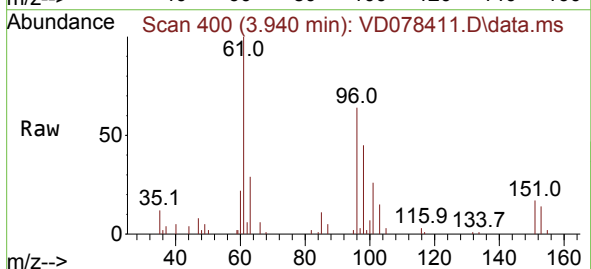


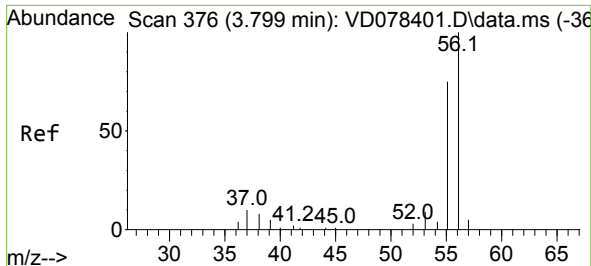
Tgt Ion: 59 Resp: 10252
Ion Ratio Lower Upper
59 100
57 4.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.977 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.012 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 96 Resp: 33668
Ion Ratio Lower Upper
96 100
61 155.2 100.6 150.8#
98 70.1 50.2 75.2





#13

Acrolein

Concen: 92.234 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

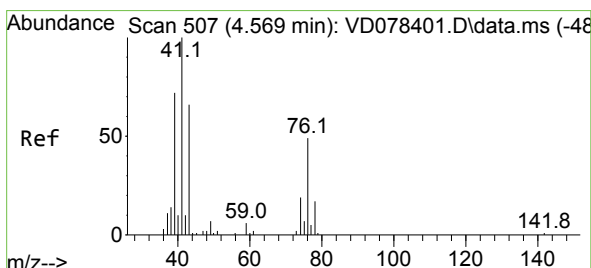
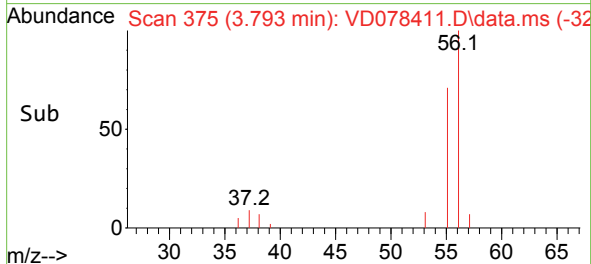
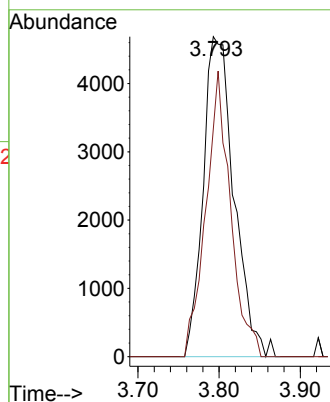
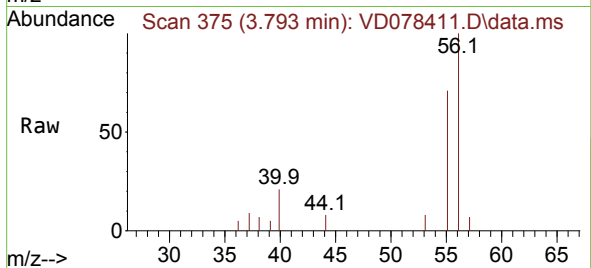
ClientSampleId :

Tgt Ion: 56 Resp: 12384

Ion Ratio Lower Upper

56 100

55 71.2 55.1 82.7



#14

Allyl chloride

Concen: 24.003 ug/l

RT: 4.563 min Scan# 506

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

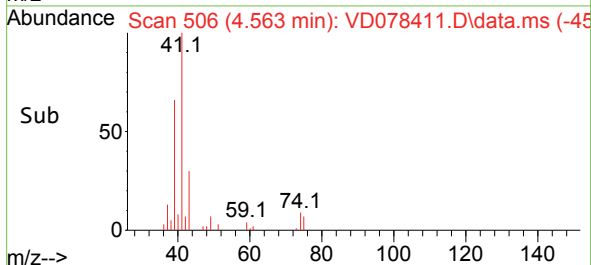
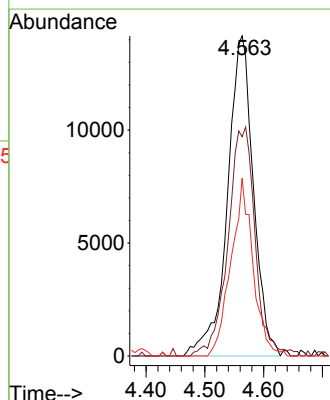
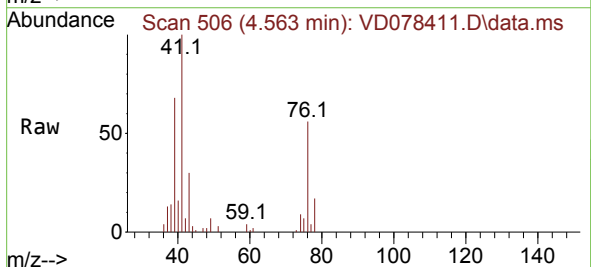
Tgt Ion: 41 Resp: 43450

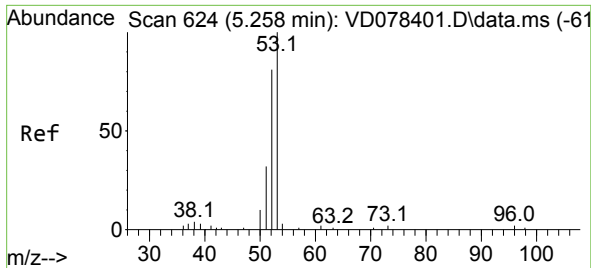
Ion Ratio Lower Upper

41 100

39 74.7 53.8 80.6

76 47.2 45.8 68.8

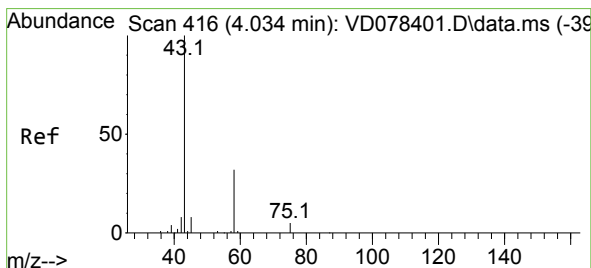
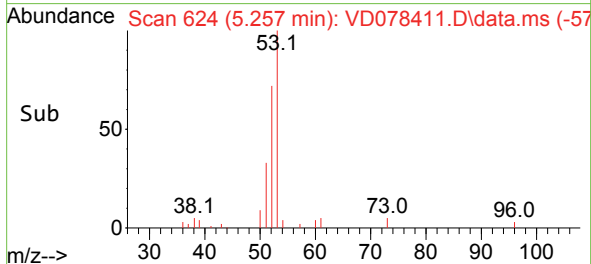
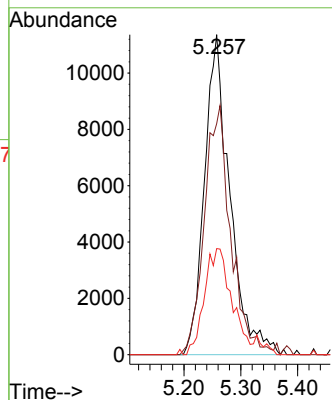
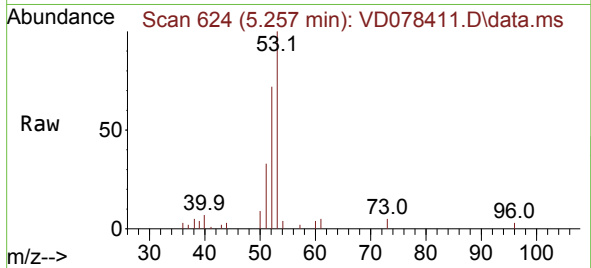




#15
Acrylonitrile
Concen: 114.141 ug/l
RT: 5.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

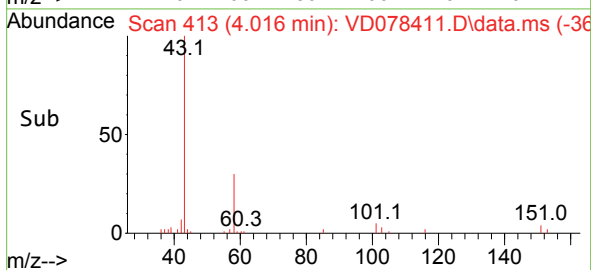
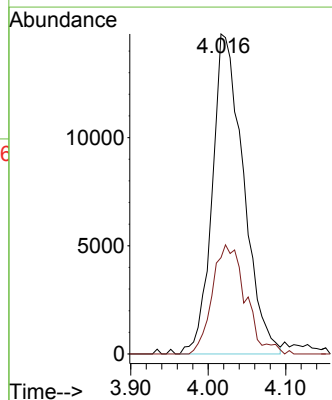
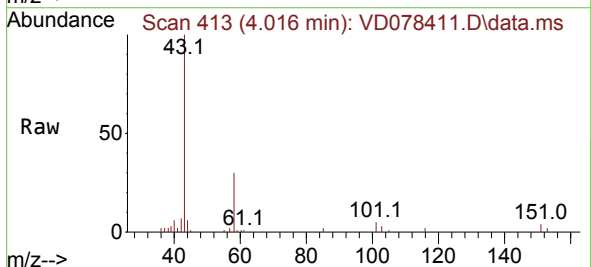
Instrument :
MSVOA_D
ClientSampleId :

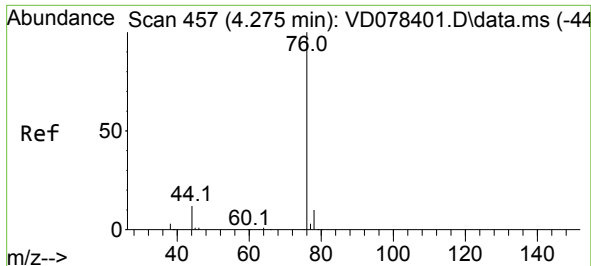
Tgt Ion: 53 Resp: 35260
Ion Ratio Lower Upper
53 100
52 80.8 65.0 97.4
51 35.5 28.3 42.5



#16
Acetone
Concen: 134.808 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.018 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 43 Resp: 41340
Ion Ratio Lower Upper
43 100
58 30.1 34.7 52.1#

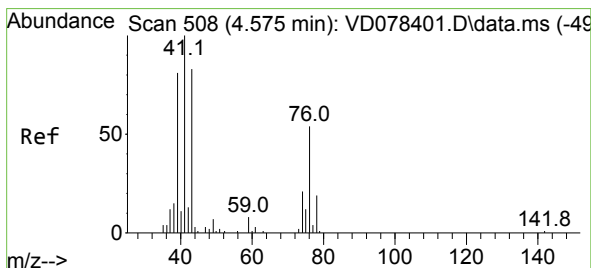
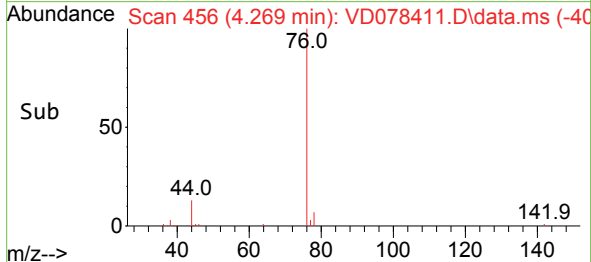
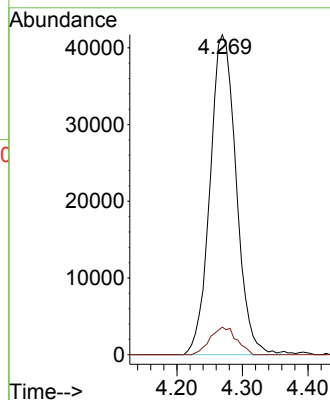
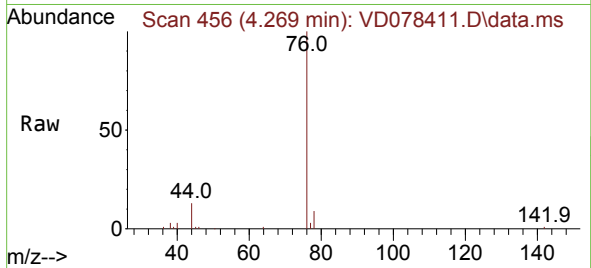




#17
Carbon Disulfide
Concen: 23.387 ug/l
RT: 4.269 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

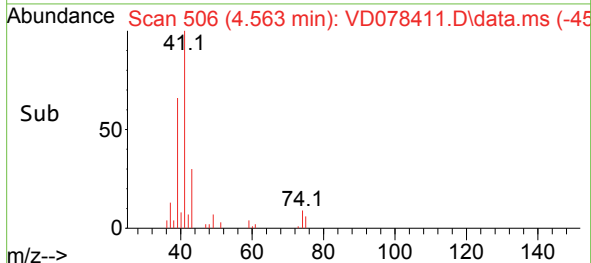
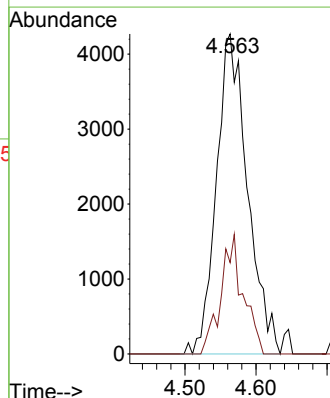
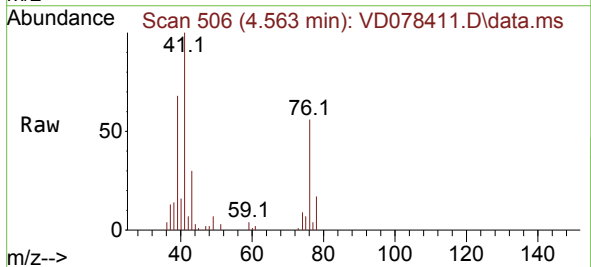
Instrument :
MSVOA_D
ClientSampleId :

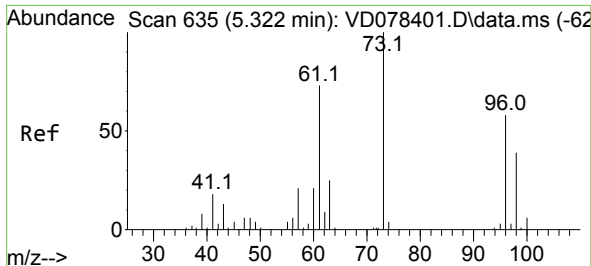
Tgt Ion: 76 Resp: 115316
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 15.491 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.012 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 43 Resp: 12961
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 22.772 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

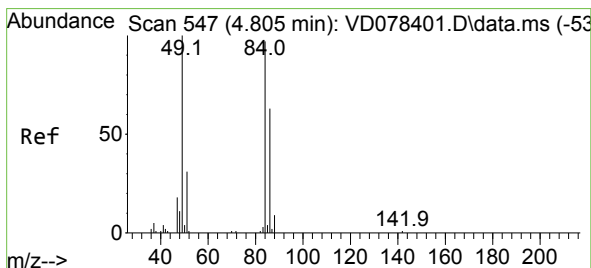
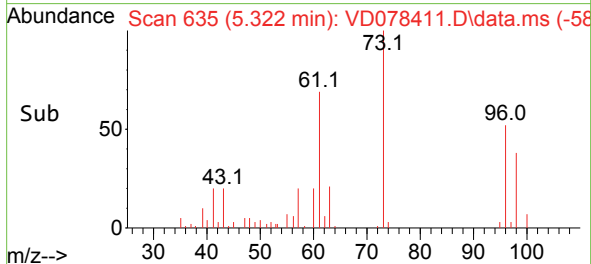
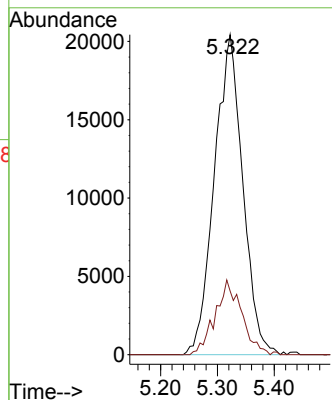
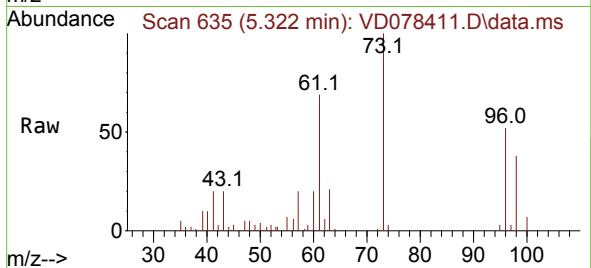
ClientSampleId :

Tgt Ion: 73 Resp: 70896

Ion Ratio Lower Upper

73 100

57 19.9 16.6 25.0



#20

Methylene Chloride

Concen: 27.828 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Tgt Ion: 84 Resp: 48071

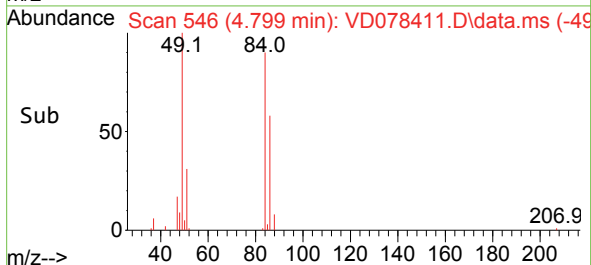
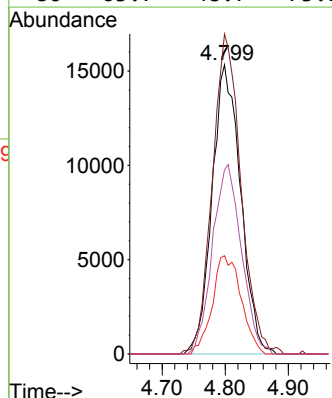
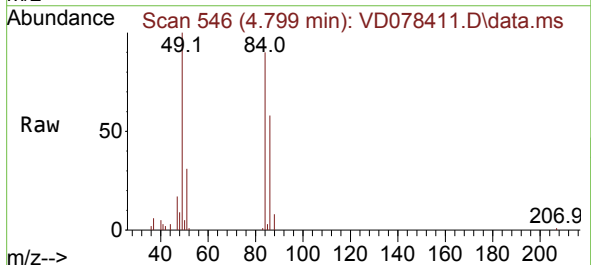
Ion Ratio Lower Upper

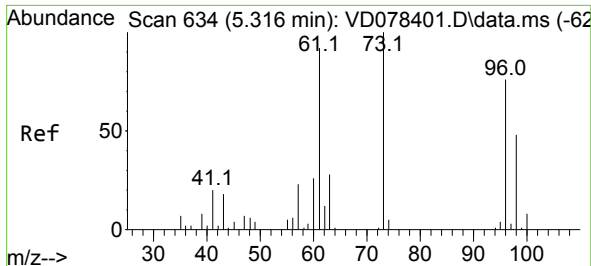
84 100

49 110.7 71.4 107.2#

51 34.0 24.5 36.7

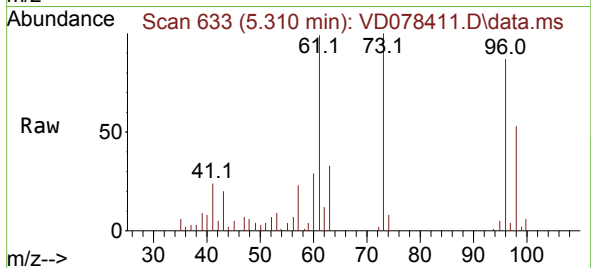
86 63.7 48.7 73.1



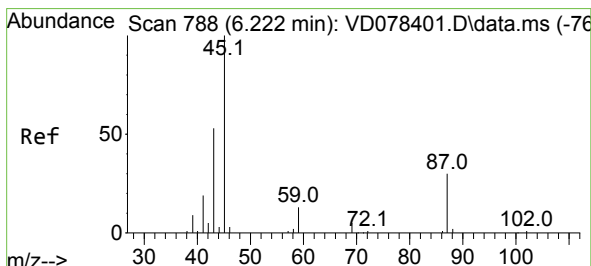
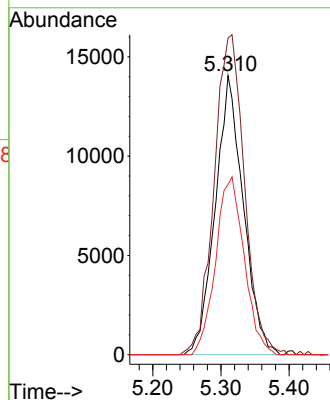
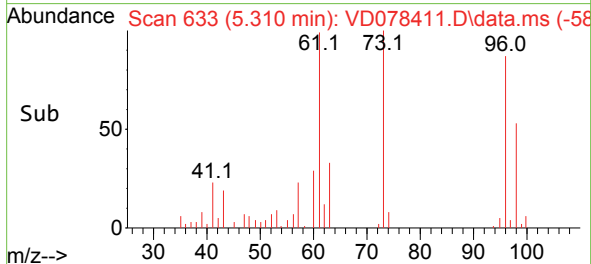


#21
trans-1,2-Dichloroethene
Concen: 23.373 ug/l
RT: 5.310 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

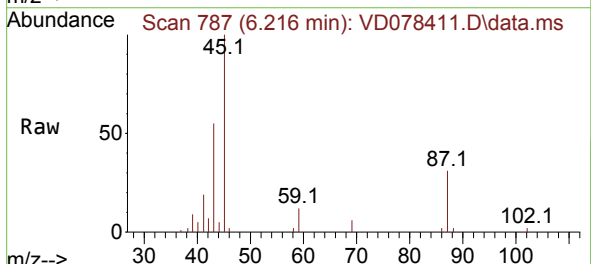
Instrument :
MSVOA_D
ClientSampleId :



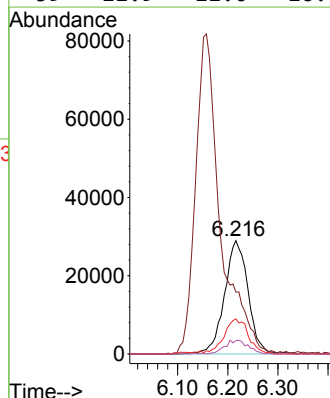
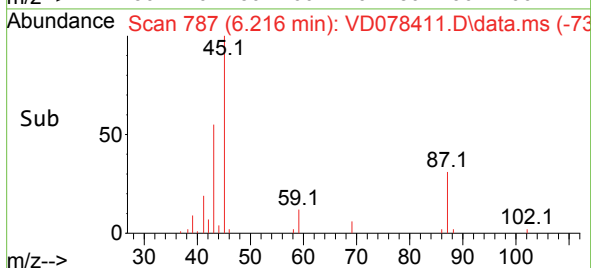
Tgt Ion: 96 Resp: 40290
Ion Ratio Lower Upper
96 100
61 113.5 89.3 133.9
98 61.0 48.6 73.0

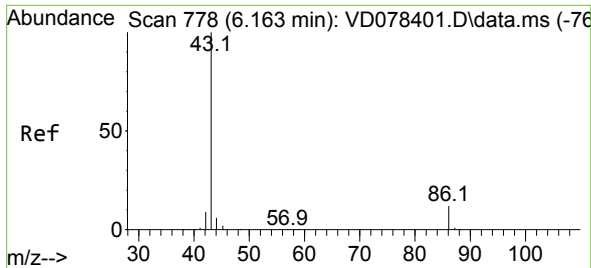


#22
Diisopropyl ether
Concen: 23.697 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39



Tgt Ion: 45 Resp: 94549
Ion Ratio Lower Upper
45 100
43 52.5 40.0 60.0
87 30.9 28.2 42.4
59 11.9 11.0 16.4

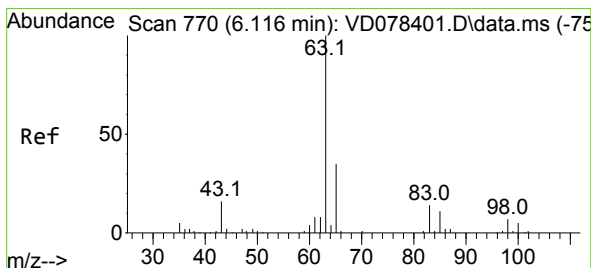
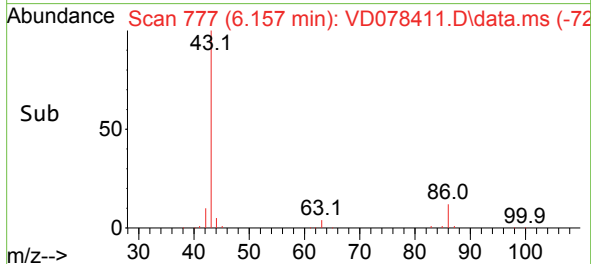
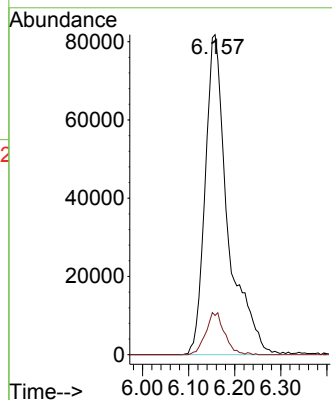
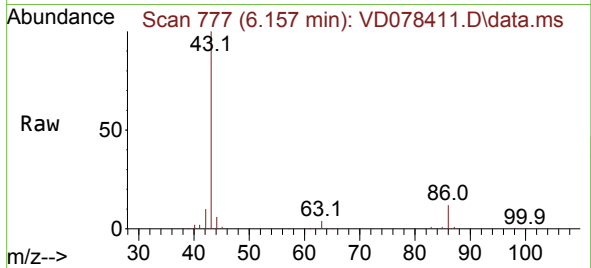




#23
 Vinyl Acetate
 Concen: 167.118 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

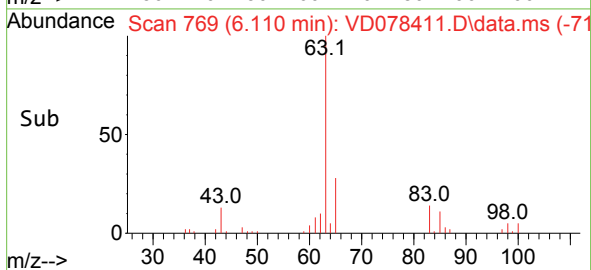
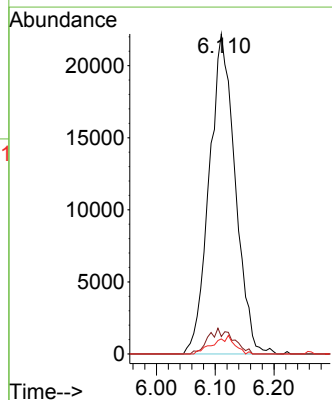
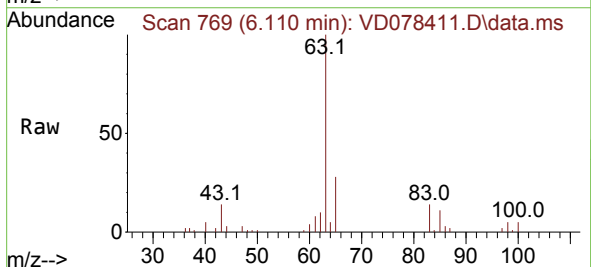
Instrument :
 MSVOA_D
 ClientSampleId :

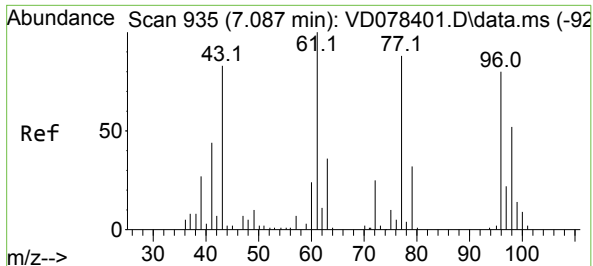
Tgt Ion: 43 Resp: 280876
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 24.123 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

Tgt Ion: 63 Resp: 68181
 Ion Ratio Lower Upper
 63 100
 98 5.5 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 131.855 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

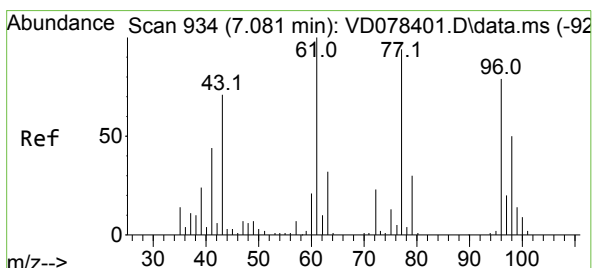
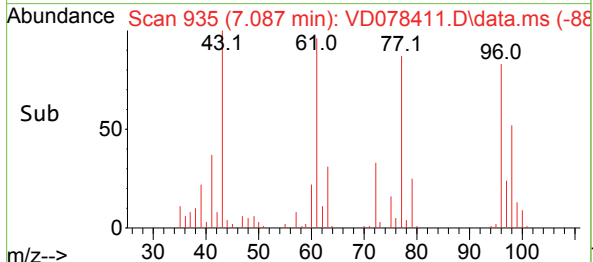
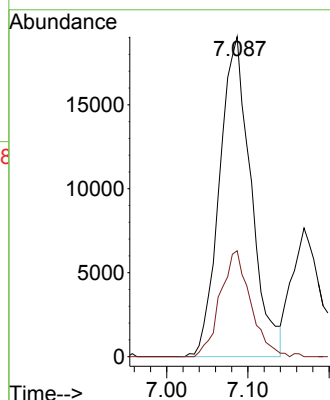
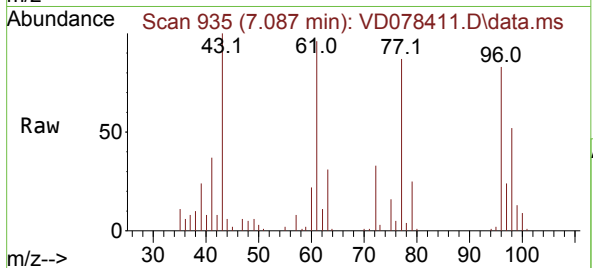
ClientSampleId :

Tgt Ion: 43 Resp: 51285

Ion Ratio Lower Upper

43 100

72 33.1 30.7 46.1



#26

2,2-Dichloropropane

Concen: 24.177 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078411.D

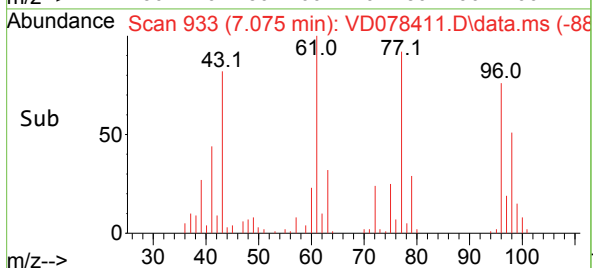
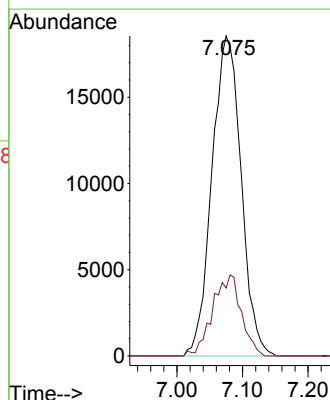
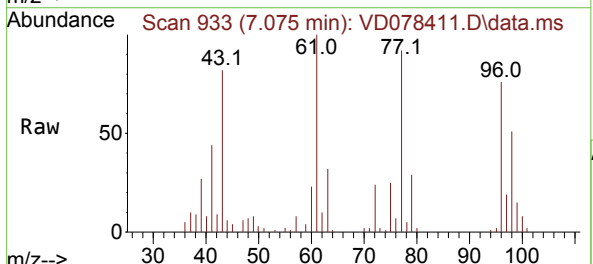
Acq: 14 Feb 2024 13:39

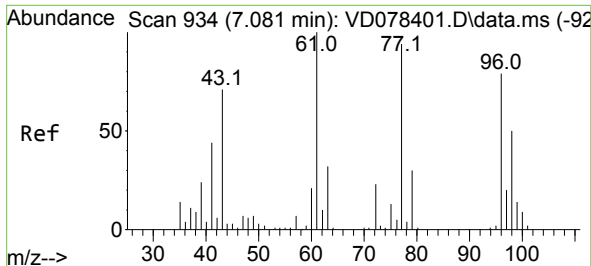
Tgt Ion: 77 Resp: 57285

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 23.790 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

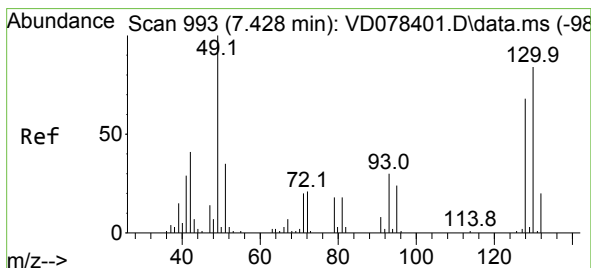
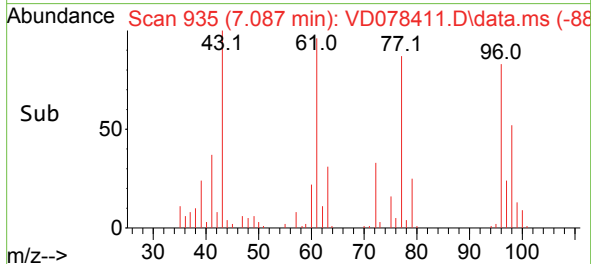
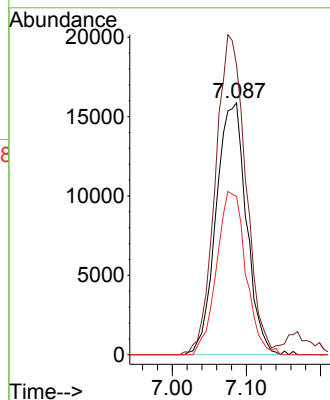
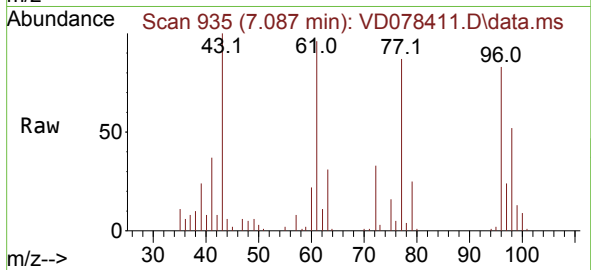
Tgt Ion: 96 Resp: 44994

Ion Ratio Lower Upper

96 100

61 127.5 0.0 239.2

98 62.5 0.0 128.6



#28

Bromochloromethane

Concen: 22.286 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

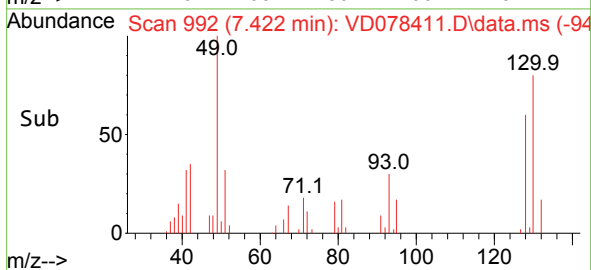
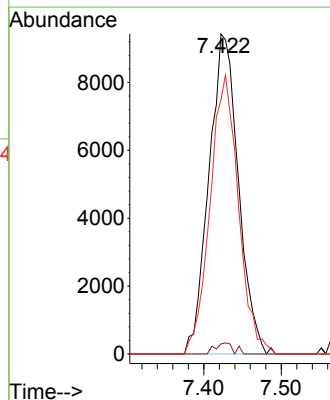
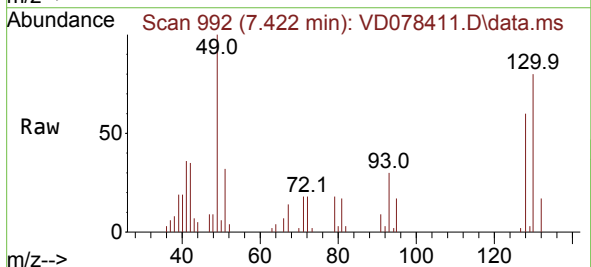
Tgt Ion: 49 Resp: 24949

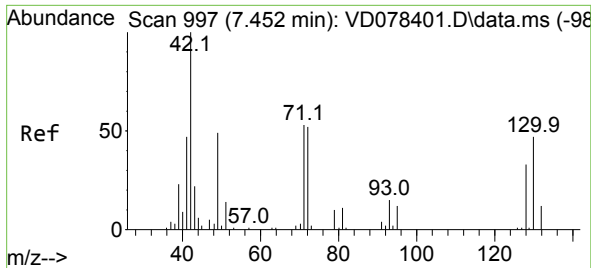
Ion Ratio Lower Upper

49 100

129 2.2 0.0 6.0

130 83.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 115.157 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

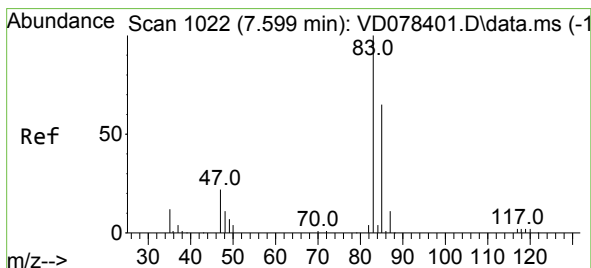
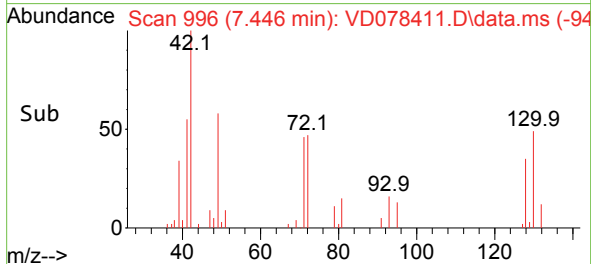
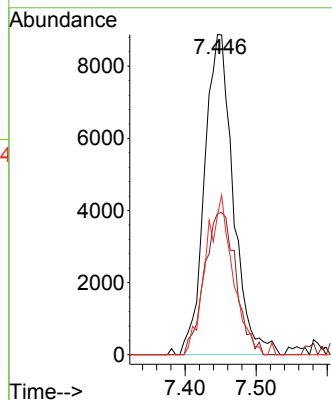
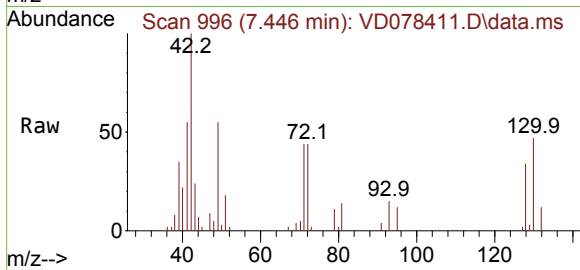
Tgt Ion: 42 Resp: 24890

Ion Ratio Lower Upper

42 100

72 48.7 46.5 69.7

71 47.1 44.5 66.7



#30

Chloroform

Concen: 24.336 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078411.D

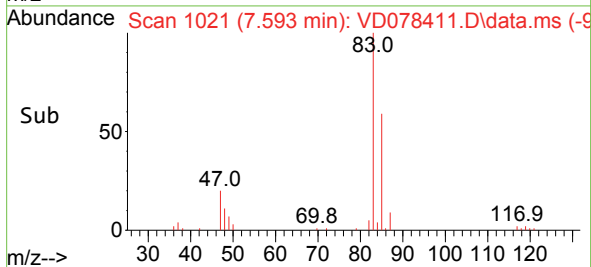
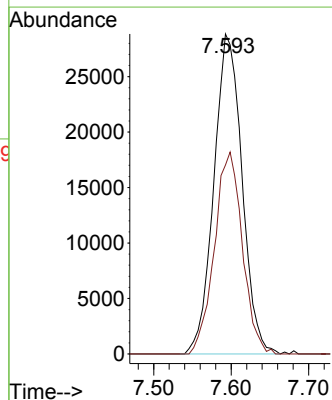
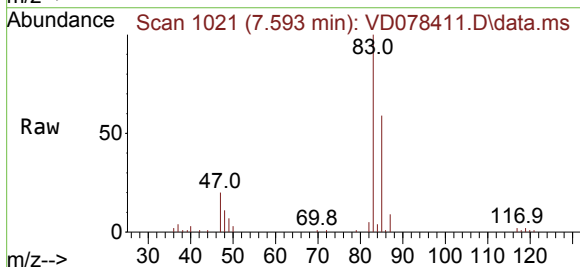
Acq: 14 Feb 2024 13:39

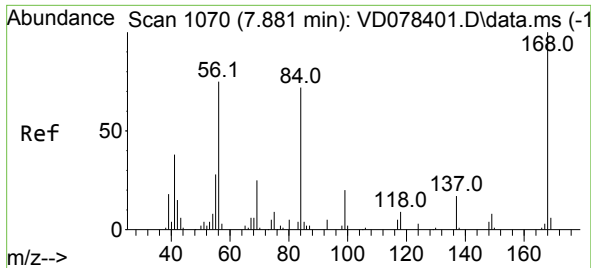
Tgt Ion: 83 Resp: 72776

Ion Ratio Lower Upper

83 100

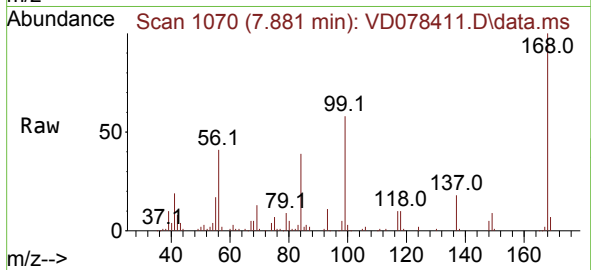
85 59.0 53.4 80.2



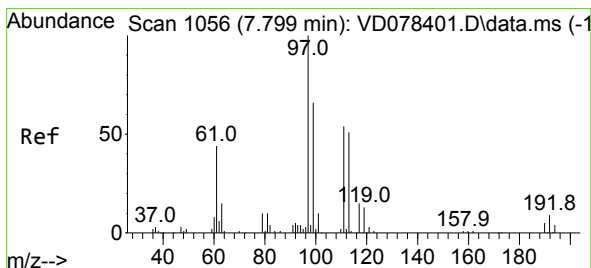
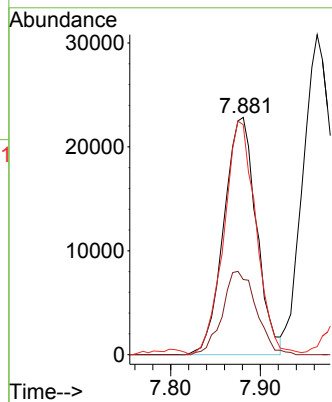
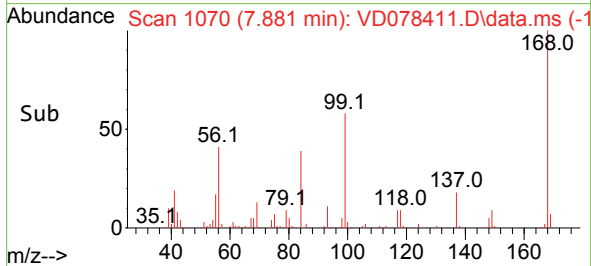


#31
Cyclohexane
Concen: 23.473 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :

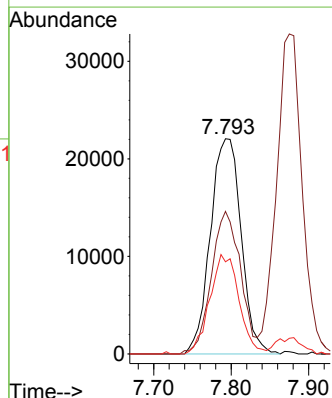
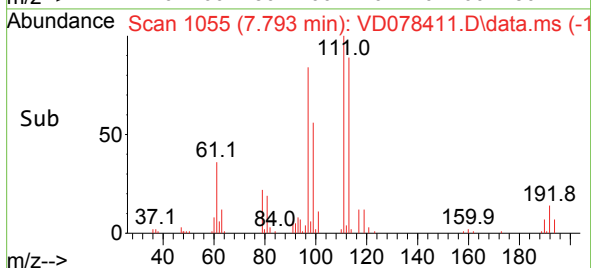
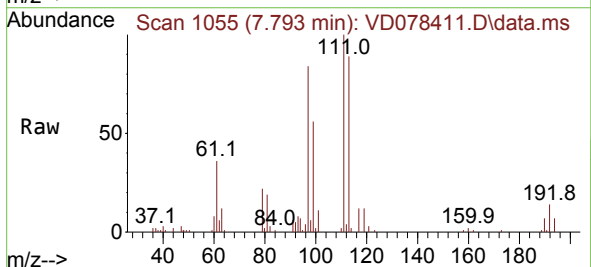


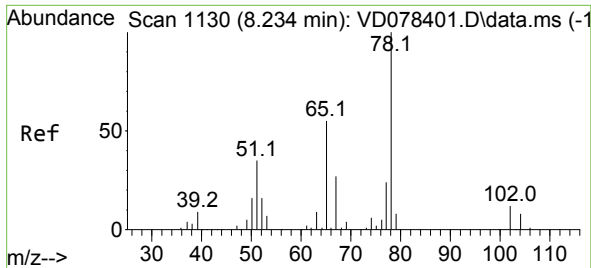
Tgt Ion: 56 Resp: 57710
Ion Ratio Lower Upper
56 100
69 31.7 28.6 43.0
84 95.2 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.910 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 97 Resp: 60963
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 43.7 33.8 50.8

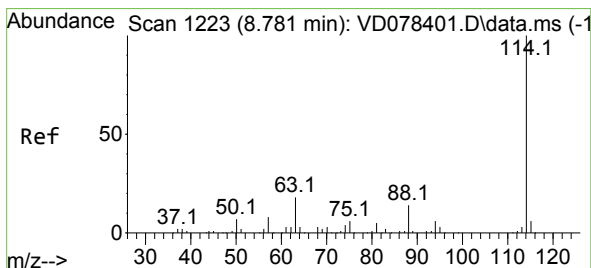
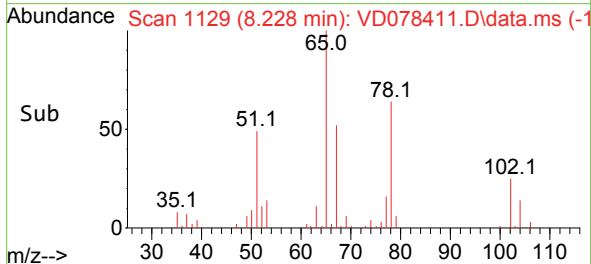
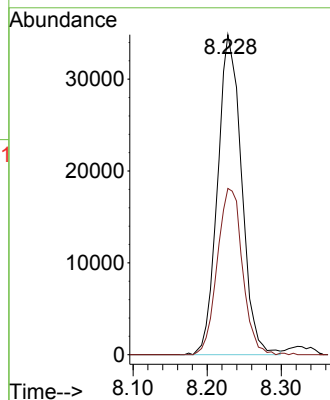
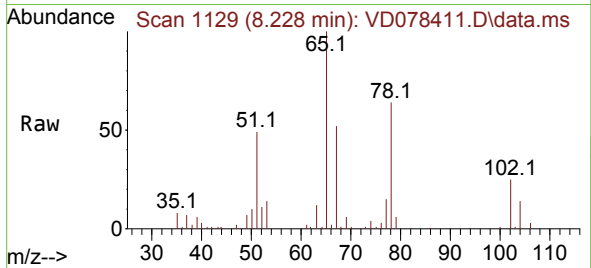




#33
1,2-Dichloroethane-d4
Concen: 53.835 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

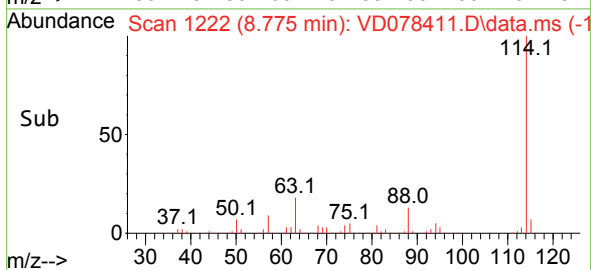
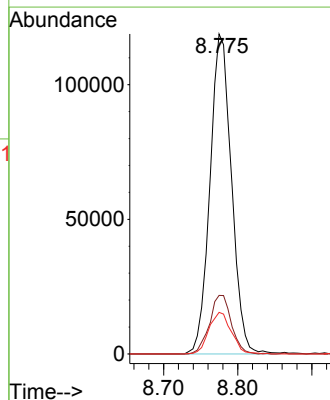
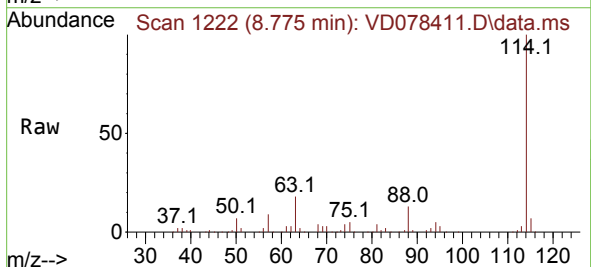
Instrument :
MSVOA_D
ClientSampleId :

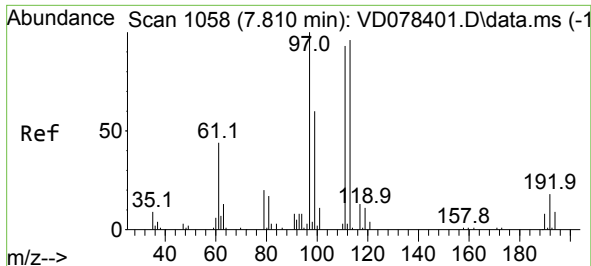
Tgt Ion: 65 Resp: 78242
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:114 Resp: 239755
Ion Ratio Lower Upper
114 100
63 18.3 0.0 33.4
88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.341 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

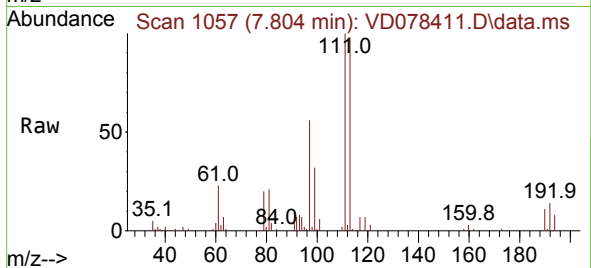
Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :



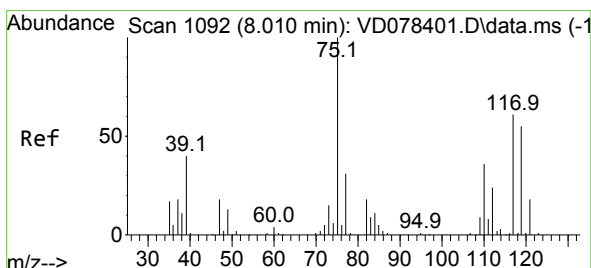
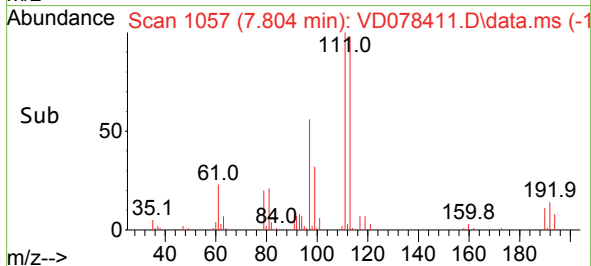
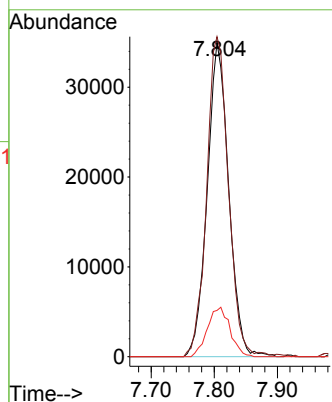
Tgt Ion:113 Resp: 82759

Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 16.6 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 23.408 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

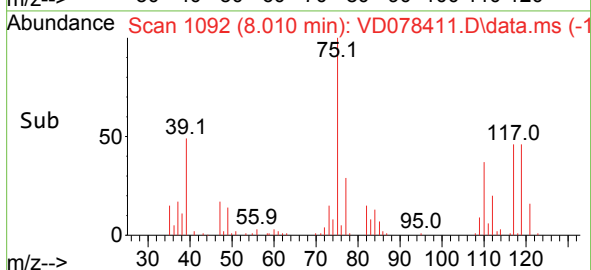
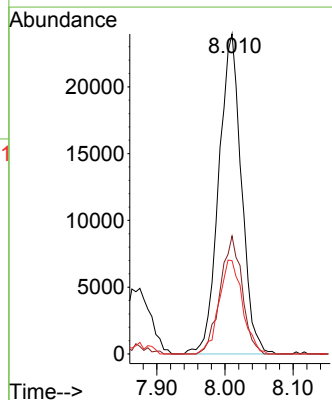
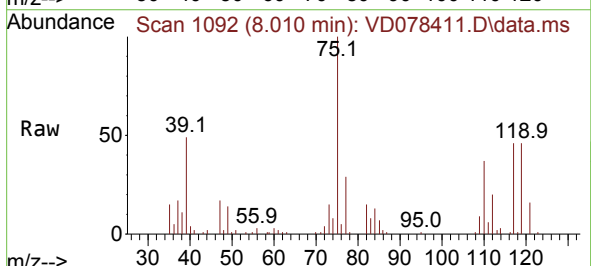
Tgt Ion: 75 Resp: 55381

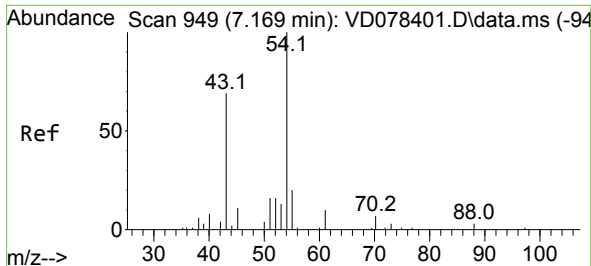
Ion Ratio Lower Upper

75 100

110 35.5 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 22.913 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.000 min

Lab File: VD078411.D

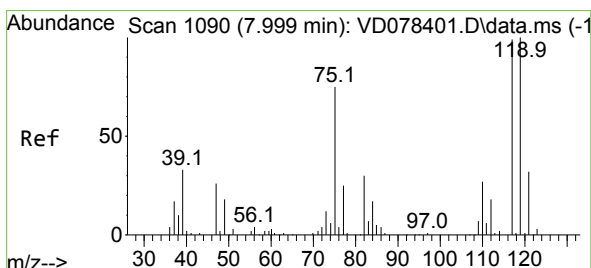
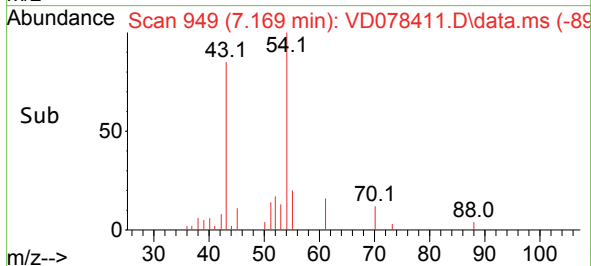
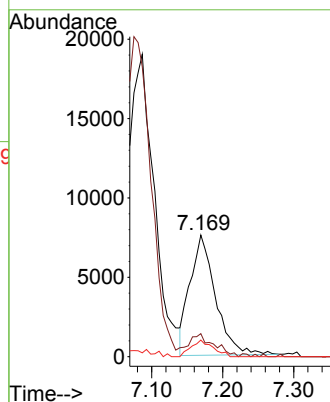
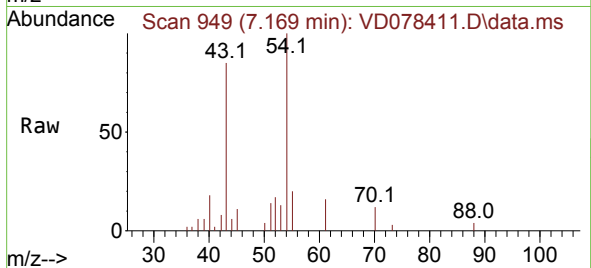
Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 43	Resp: 19003
Ion Ratio	Lower Upper
43	100
61	18.4 14.9 22.3
70	11.7 10.0 15.0



#38

Carbon Tetrachloride

Concen: 22.699 ug/l

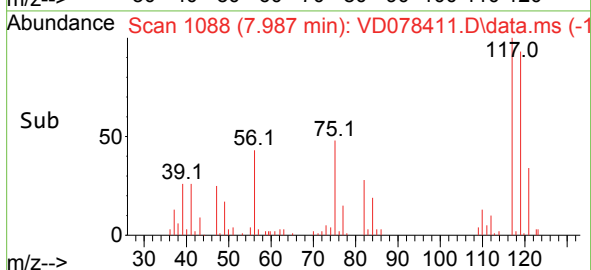
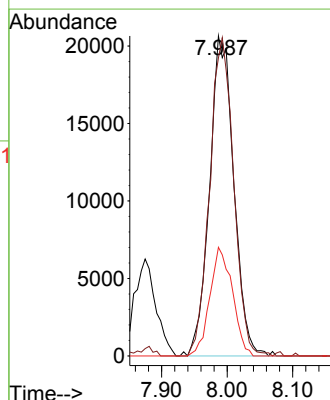
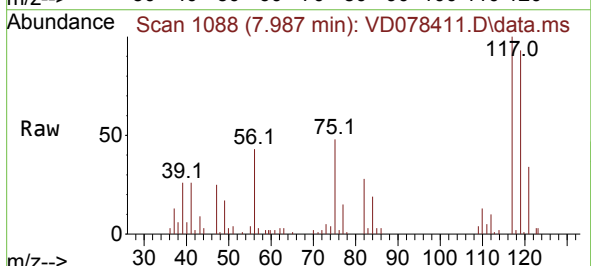
RT: 7.987 min Scan# 1088

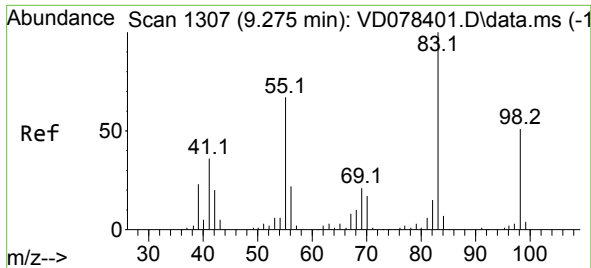
Delta R.T. -0.012 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Tgt Ion: 117	Resp: 53185
Ion Ratio	Lower Upper
117	100
119	93.1 78.0 117.0
121	34.0 24.2 36.2





#39

Methylcyclohexane

Concen: 22.831 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

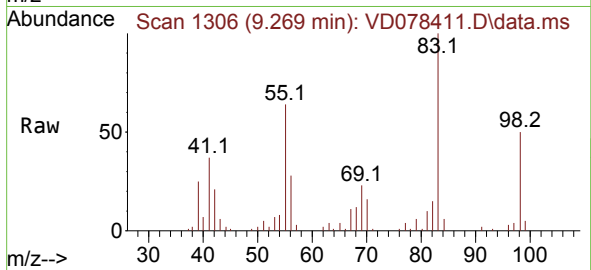
Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :



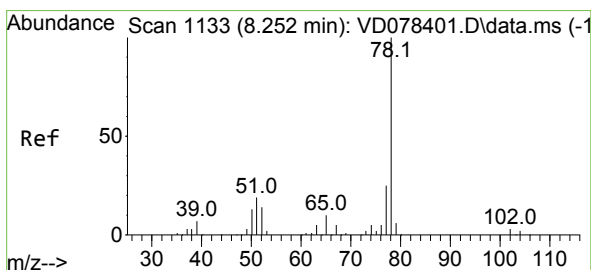
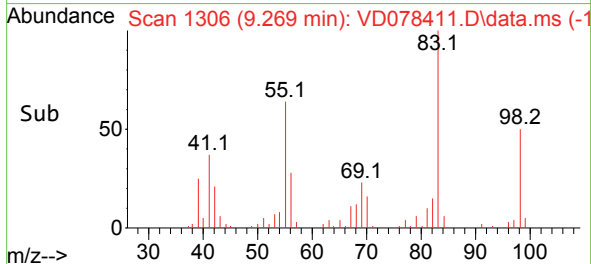
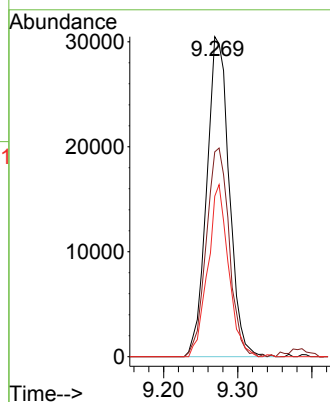
Tgt Ion: 83 Resp: 64125

Ion Ratio Lower Upper

83 100

55 64.0 49.4 74.0

98 50.1 38.4 57.6



#40

Benzene

Concen: 23.075 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD078411.D

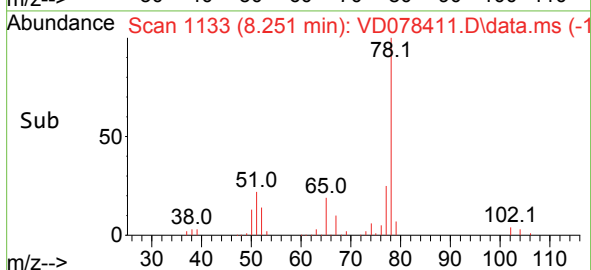
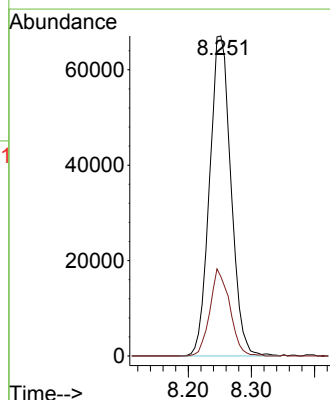
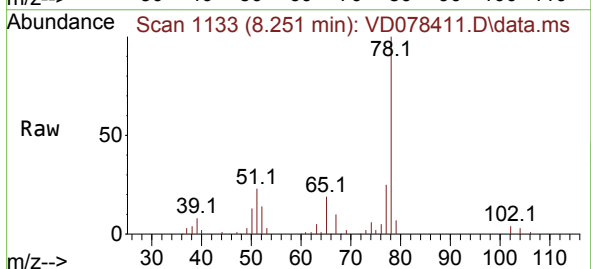
Acq: 14 Feb 2024 13:39

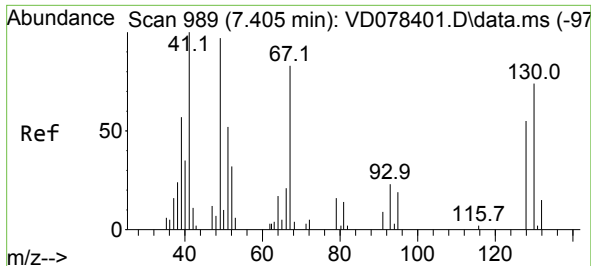
Tgt Ion: 78 Resp: 157797

Ion Ratio Lower Upper

78 100

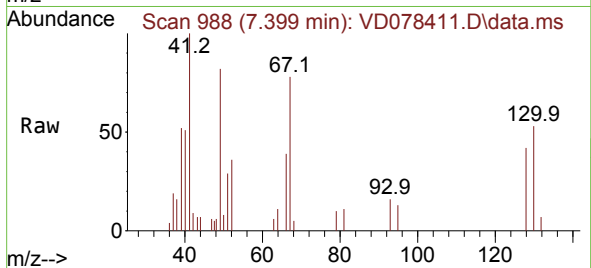
77 24.8 19.4 29.0



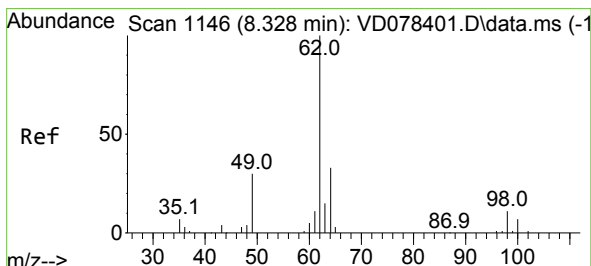
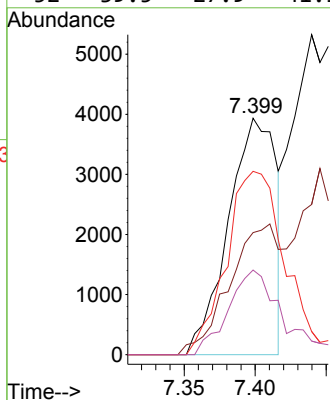
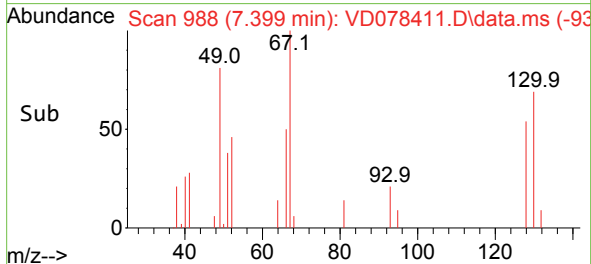


#41
Methacrylonitrile
Concen: 21.368 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :

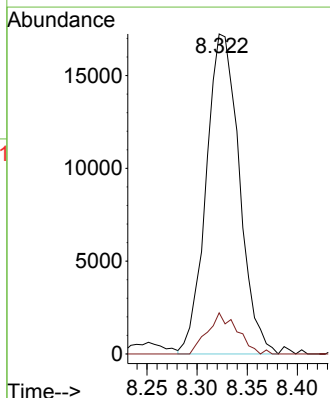
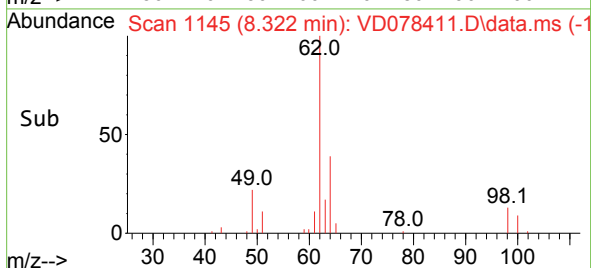
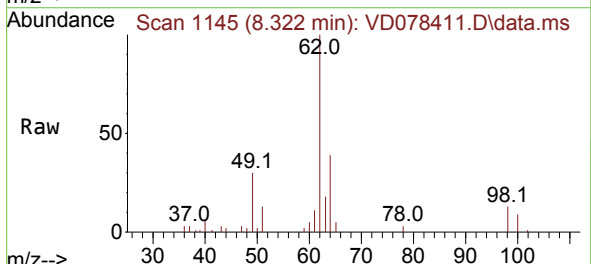


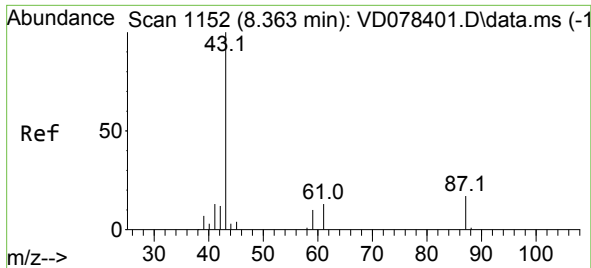
Tgt Ion: 41 Resp: 9223
Ion Ratio Lower Upper
41 100
39 55.5 34.0 51.0#
67 94.8 77.0 115.4
52 39.5 27.9 41.9



#42
1,2-Dichloroethane
Concen: 22.417 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 62 Resp: 39665
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4

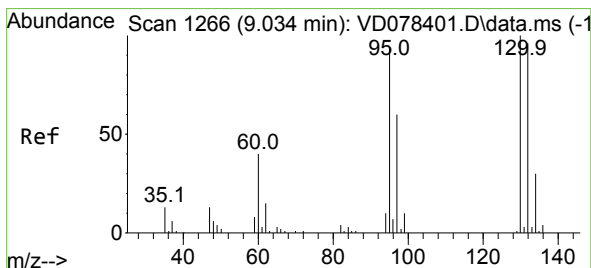
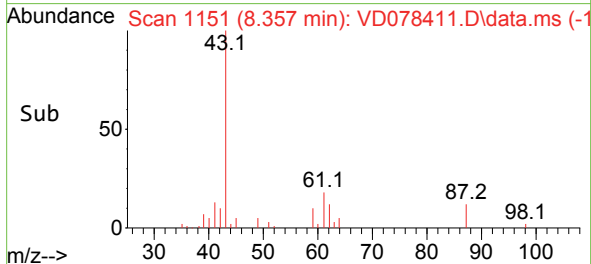
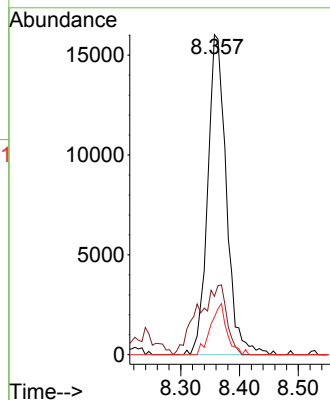
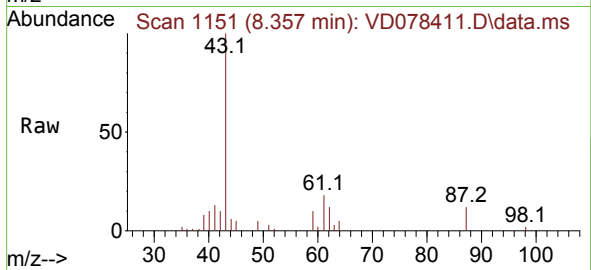




#43
Isopropyl Acetate
Concen: 22.998 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

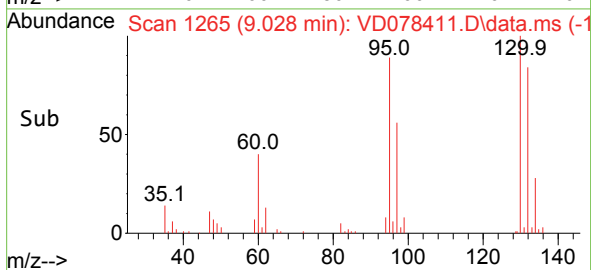
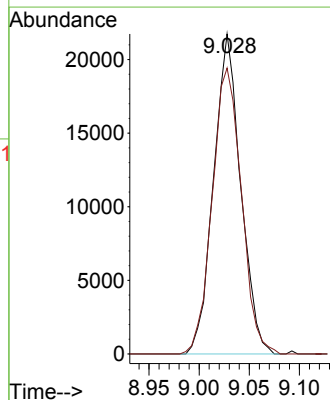
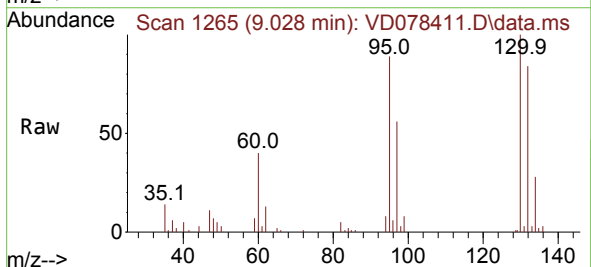
Instrument :
MSVOA_D
ClientSampleId :

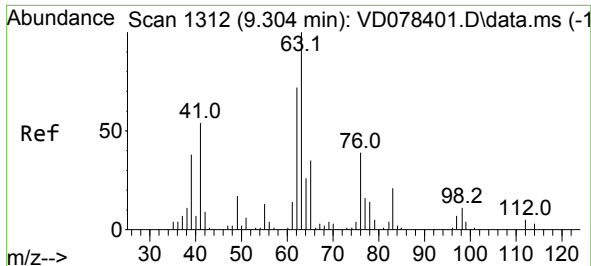
Tgt Ion: 43 Resp: 35320
Ion Ratio Lower Upper
43 100
61 18.5 31.4 47.0#
87 13.9 14.9 22.3#



#44
Trichloroethene
Concen: 23.416 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:130 Resp: 40852
Ion Ratio Lower Upper
130 100
95 89.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.279 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

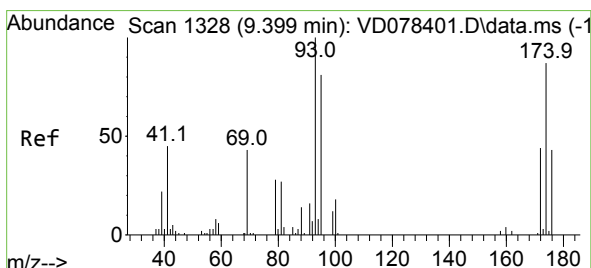
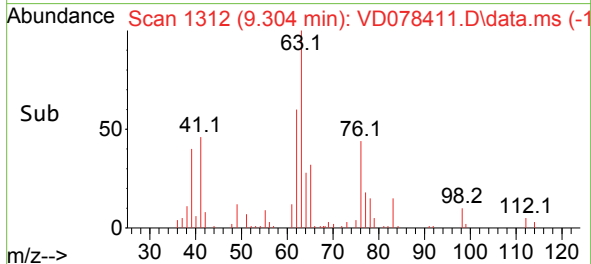
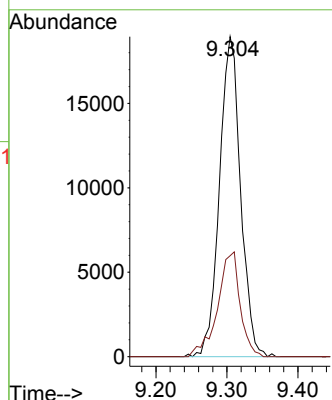
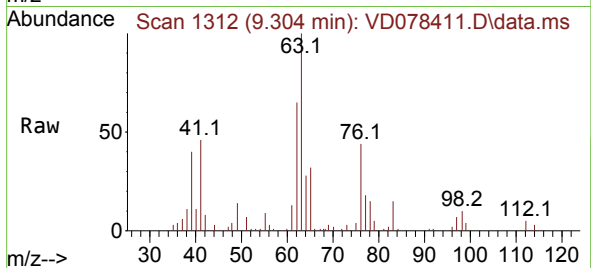
ClientSampleId :

Tgt Ion: 63 Resp: 39058

Ion Ratio Lower Upper

63 100

65 31.5 24.5 36.7



#46

Dibromomethane

Concen: 22.668 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

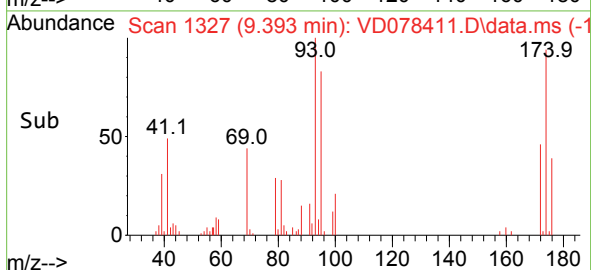
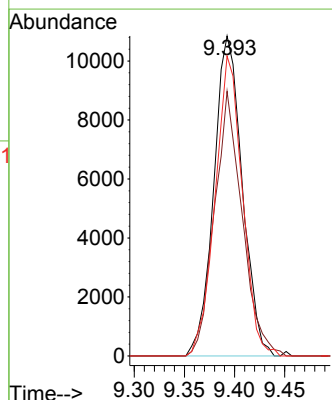
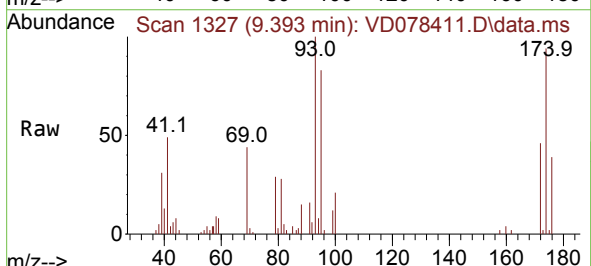
Tgt Ion: 93 Resp: 21393

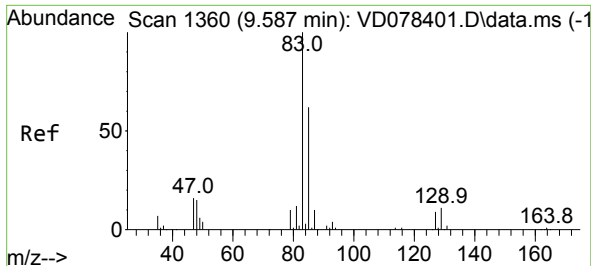
Ion Ratio Lower Upper

93 100

95 80.7 67.7 101.5

174 90.0 85.4 128.2

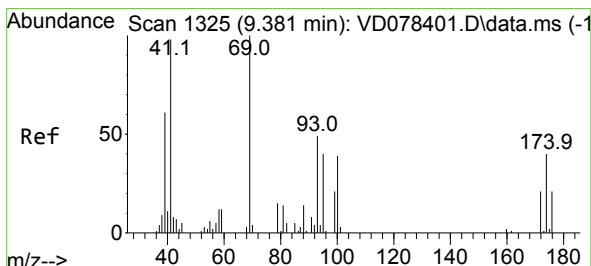
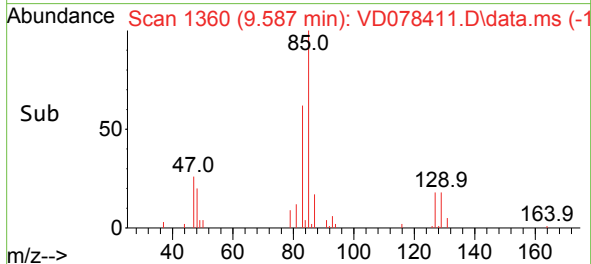
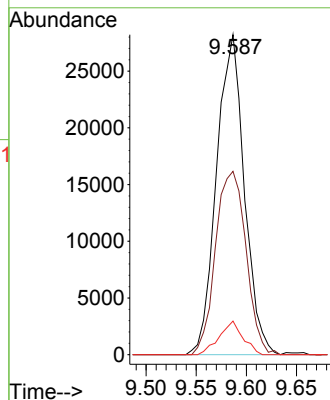
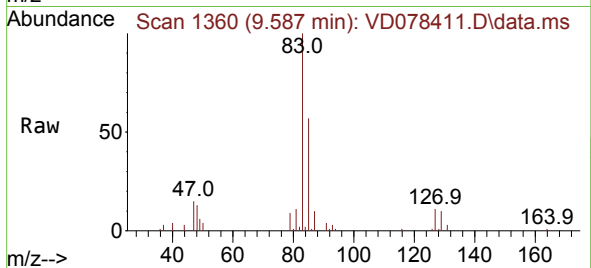




#47
Bromodichloromethane
Concen: 23.223 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

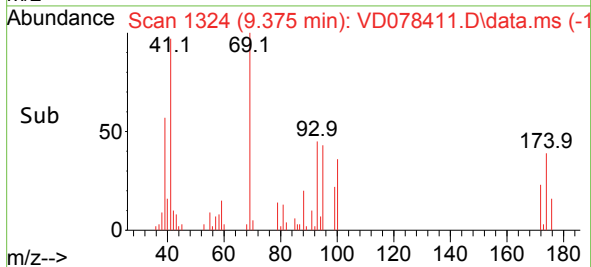
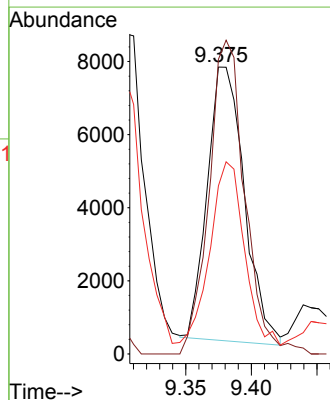
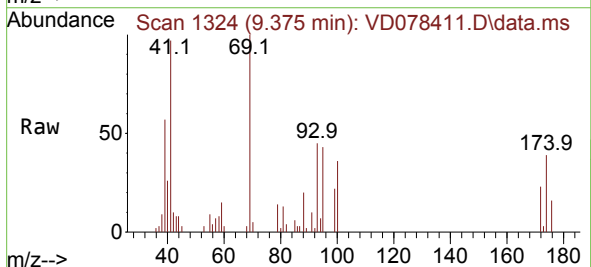
Instrument :
MSVOA_D
ClientSampleId :

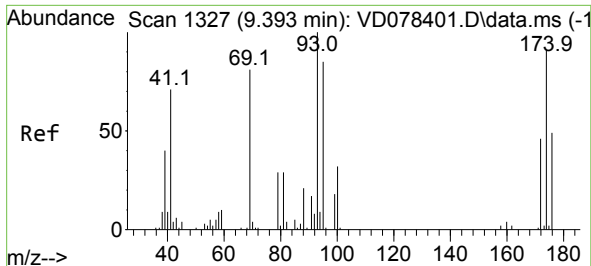
Tgt Ion: 83 Resp: 54283
Ion Ratio Lower Upper
83 100
85 57.3 50.2 75.4
127 10.5 6.3 9.5#



#48
Methyl methacrylate
Concen: 18.045 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 41 Resp: 14703
Ion Ratio Lower Upper
41 100
69 111.1 102.2 153.2
39 62.8 41.4 62.2#





#49

1,4-Dioxane

Concen: 449.398 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.012 min

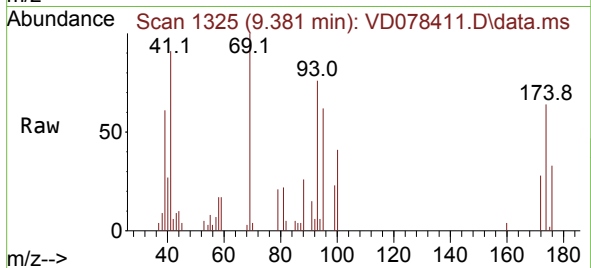
Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :



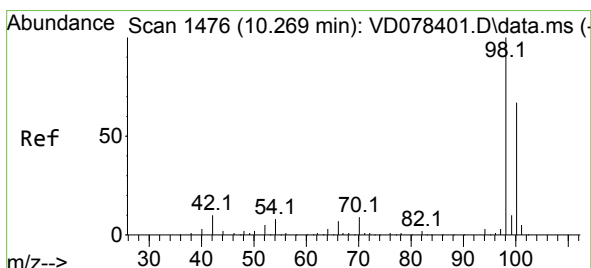
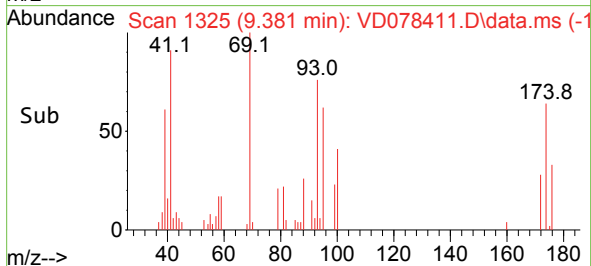
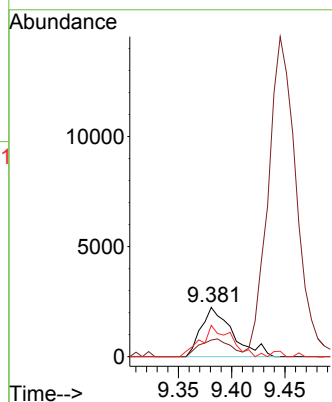
Tgt Ion: 88 Resp: 4593

Ion Ratio Lower Upper

88 100

43 35.8 19.0 28.6#

58 60.4 43.5 65.3



#50

Toluene-d8

Concen: 54.345 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078411.D

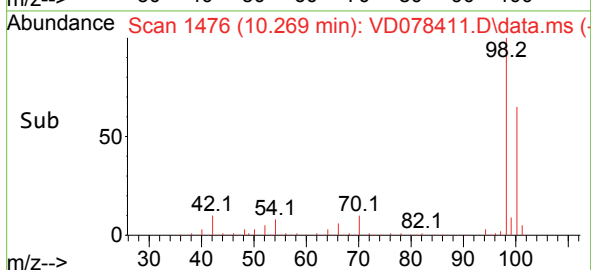
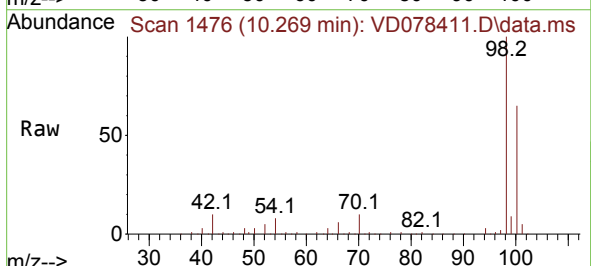
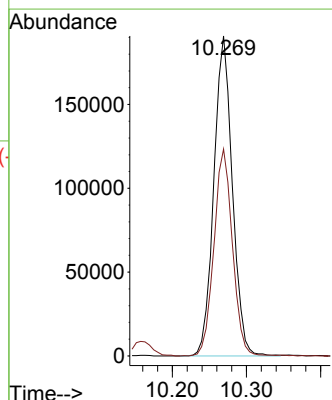
Acq: 14 Feb 2024 13:39

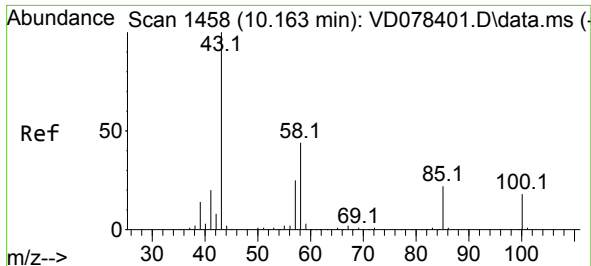
Tgt Ion: 98 Resp: 331086

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

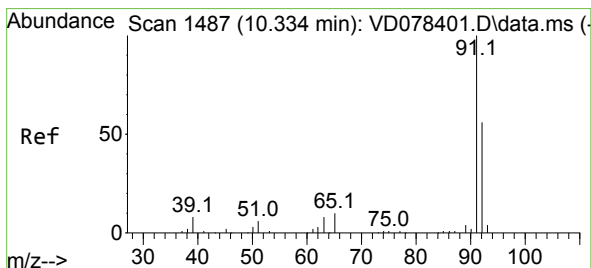
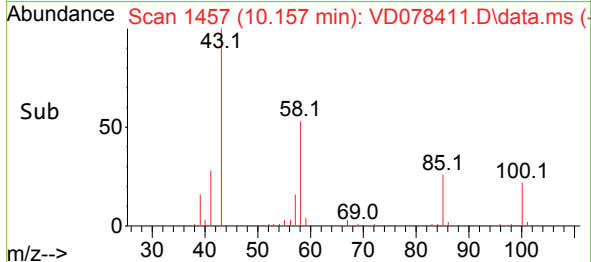
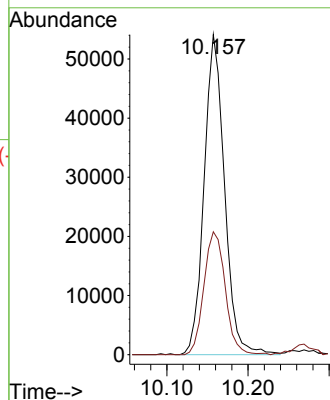
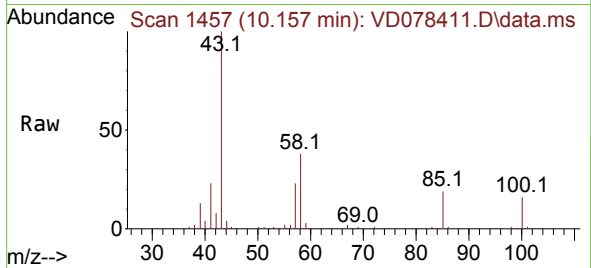




#51
4-Methyl-2-Pentanone
Concen: 115.993 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

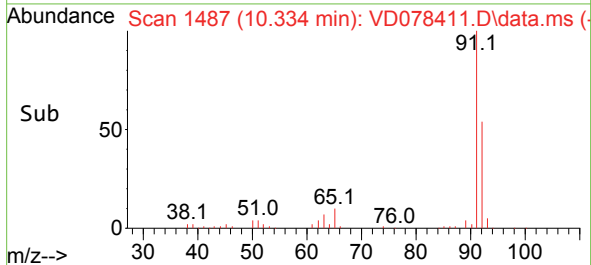
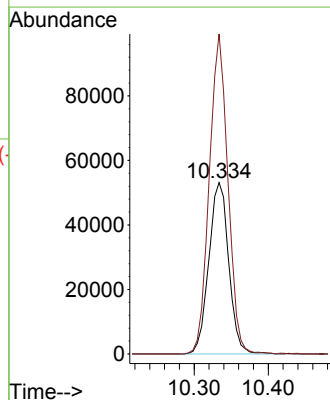
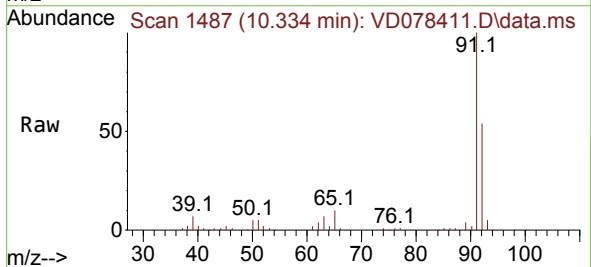
Instrument :
MSVOA_D
ClientSampleId :

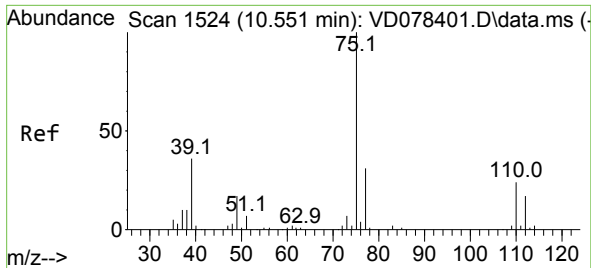
Tgt Ion: 43 Resp: 94546
Ion Ratio Lower Upper
43 100
58 40.1 38.9 58.3



#52
Toluene
Concen: 22.903 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 92 Resp: 99044
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4

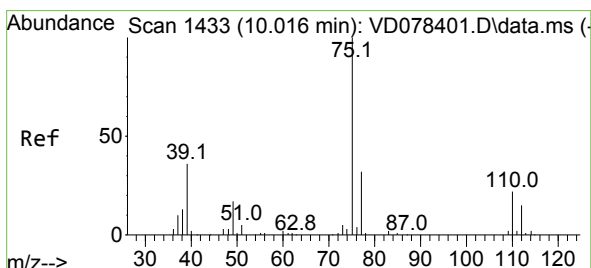
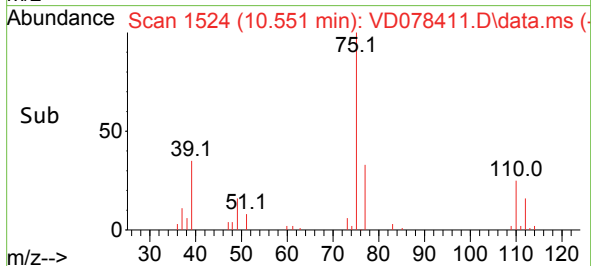
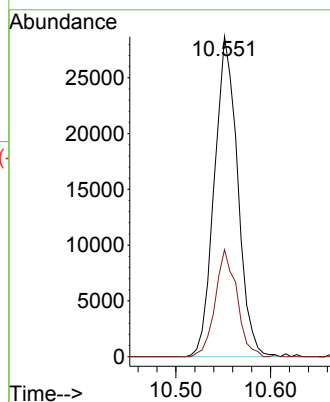
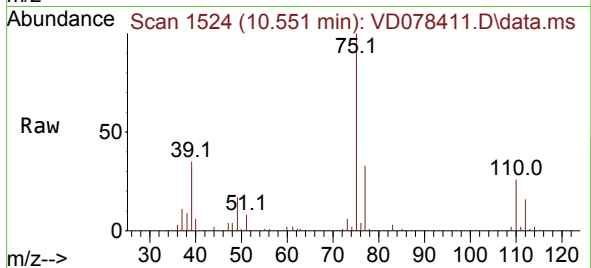




#53
 t-1,3-Dichloropropene
 Concen: 22.975 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

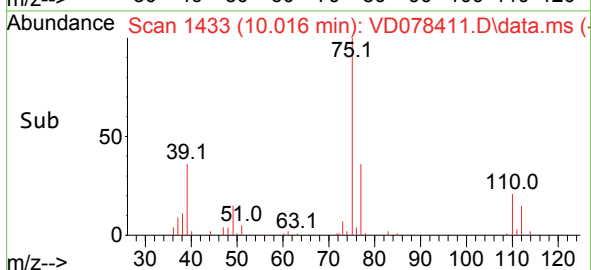
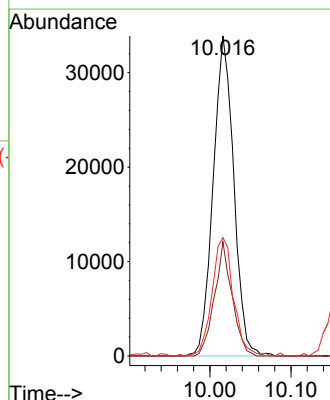
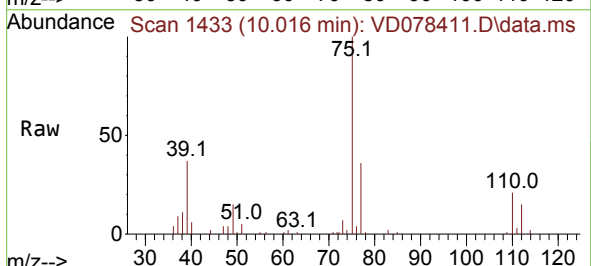
Instrument :
 MSVOA_D
 ClientSampleId :

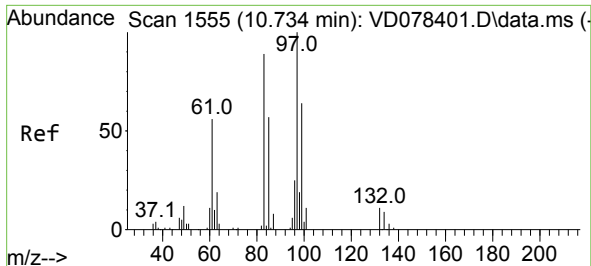
Tgt Ion: 75 Resp: 49003
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 23.064 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

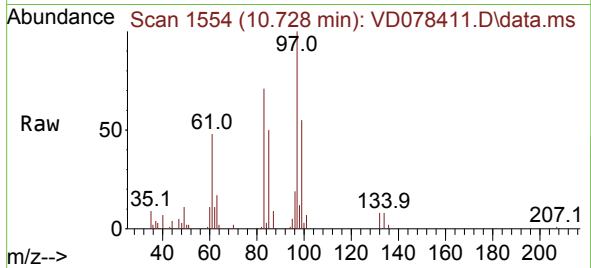
Tgt Ion: 75 Resp: 59652
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.5 38.3
 39 36.6 22.1 33.1#



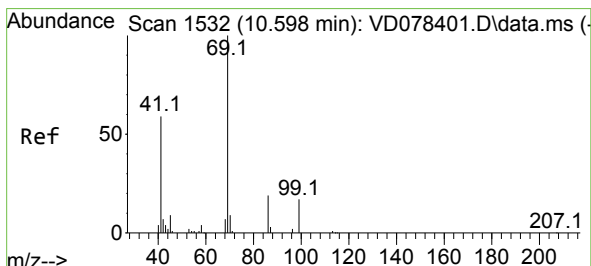
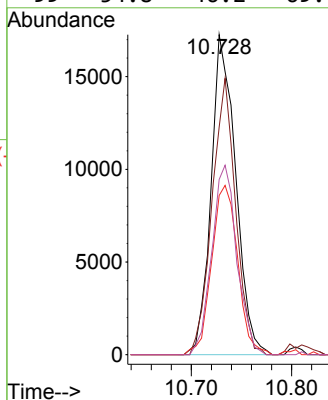
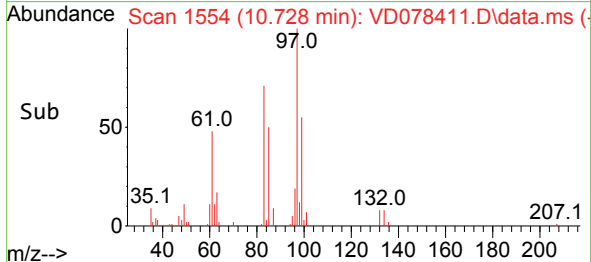


#55
1,1,2-Trichloroethane
Concen: 23.124 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

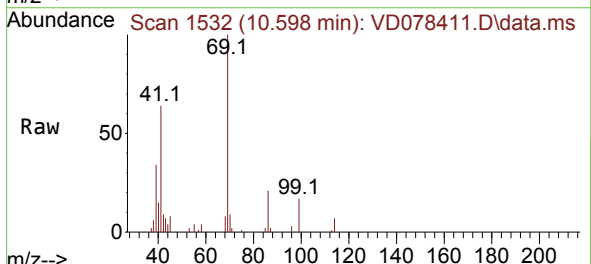
Instrument :
MSVOA_D
ClientSampleId :



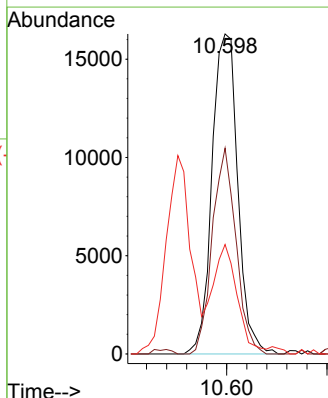
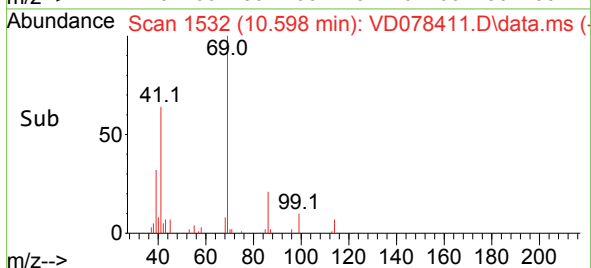
Tgt Ion: 97	Resp: 29389
Ion Ratio	Lower Upper
97 100	
83 71.1	65.8 98.6
85 49.8	45.7 68.5
99 54.8	46.2 69.4

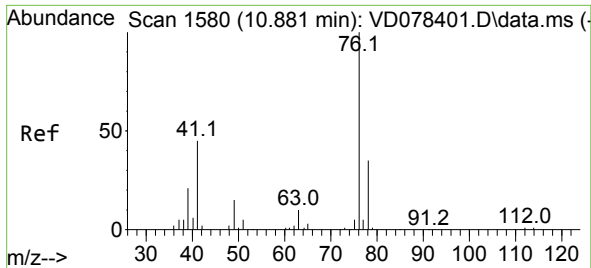


#56
Ethyl methacrylate
Concen: 24.643 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39



Tgt Ion: 69	Resp: 28966
Ion Ratio	Lower Upper
69 100	
41 59.3	39.1 58.7#
39 31.0	20.0 30.0#





#57

1,3-Dichloropropane

Concen: 22.632 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

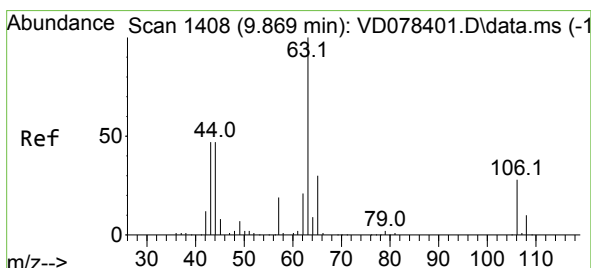
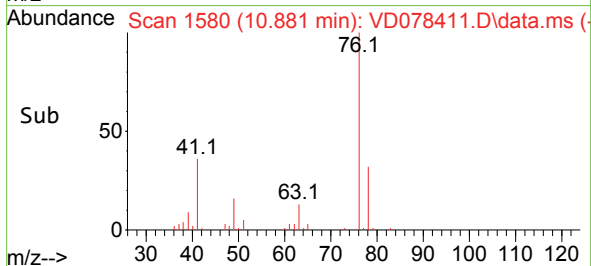
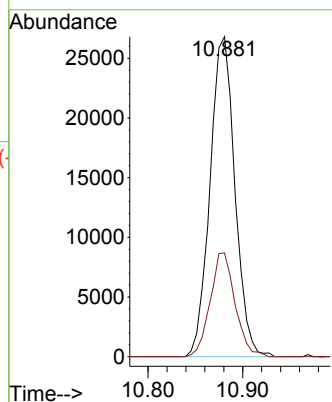
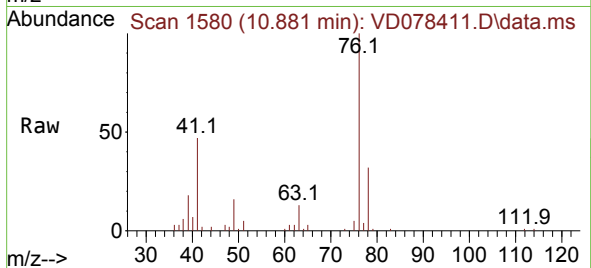
ClientSampleId :

Tgt Ion: 76 Resp: 48928

Ion Ratio Lower Upper

76 100

78 32.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 87.263 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD078411.D

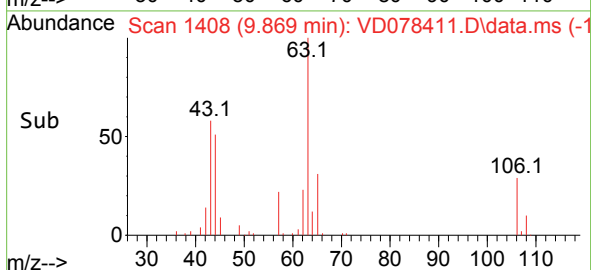
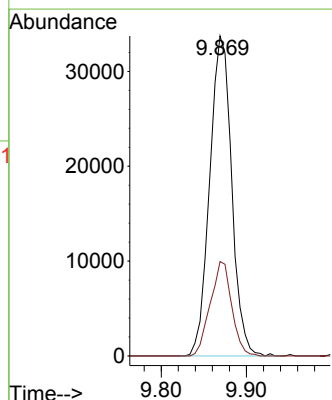
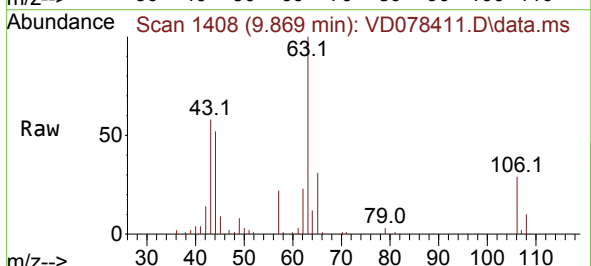
Acq: 14 Feb 2024 13:39

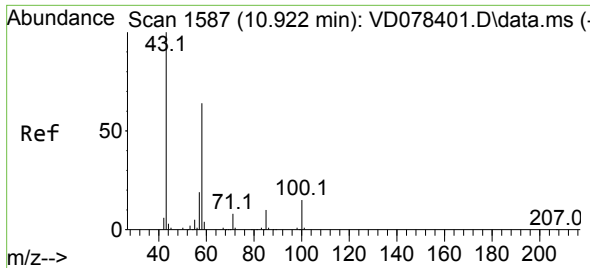
Tgt Ion: 63 Resp: 60419

Ion Ratio Lower Upper

63 100

106 28.8 25.3 37.9

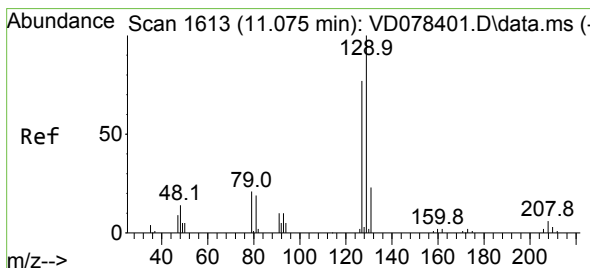
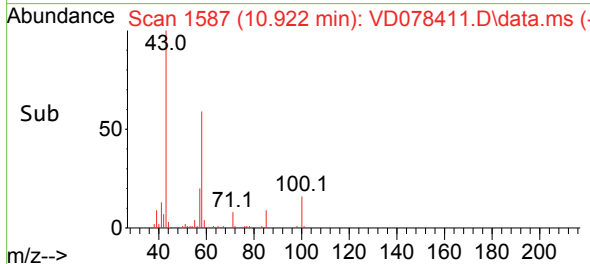
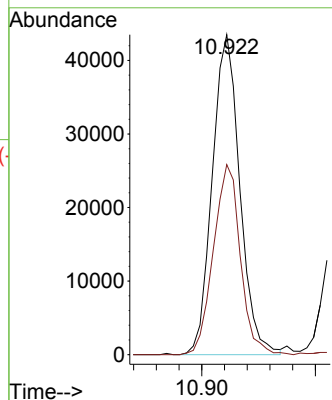
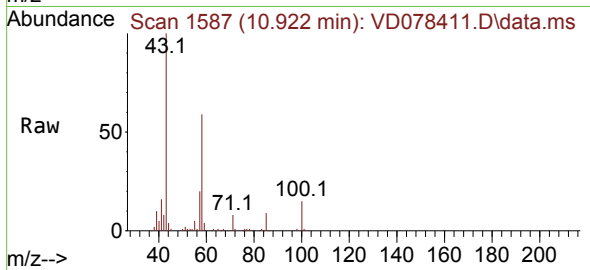




#59
2-Hexanone
Concen: 119.646 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

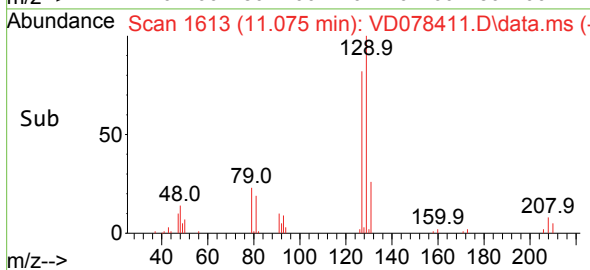
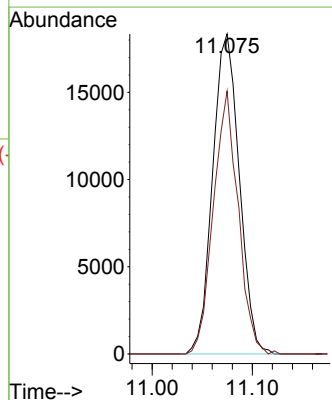
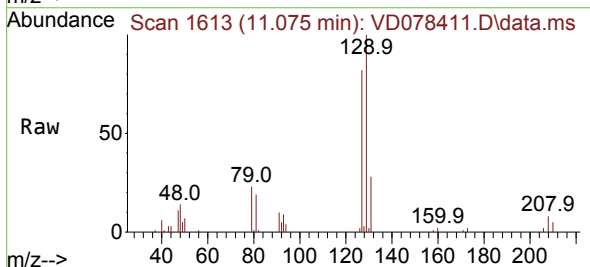
Instrument :
MSVOA_D
ClientSampleId :

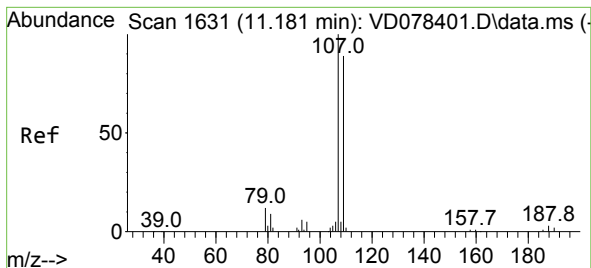
Tgt Ion: 43 Resp: 73290
Ion Ratio Lower Upper
43 100
58 58.1 34.1 102.2



#60
Dibromochloromethane
Concen: 22.187 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:129 Resp: 33928
Ion Ratio Lower Upper
129 100
127 76.3 37.1 111.5

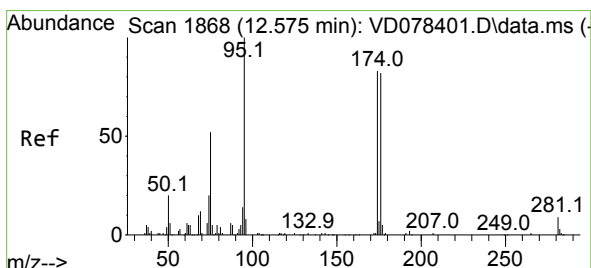
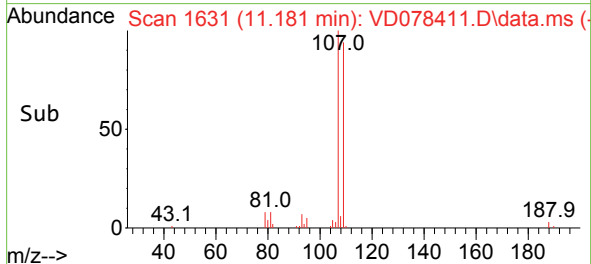
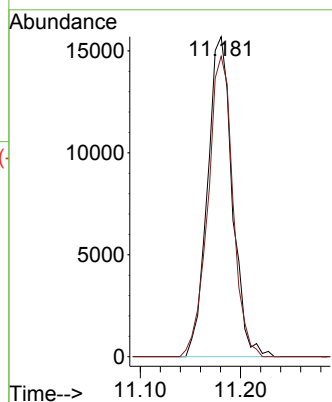
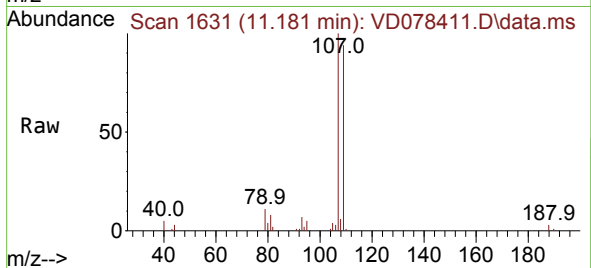




#61
1,2-Dibromoethane
Concen: 22.605 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

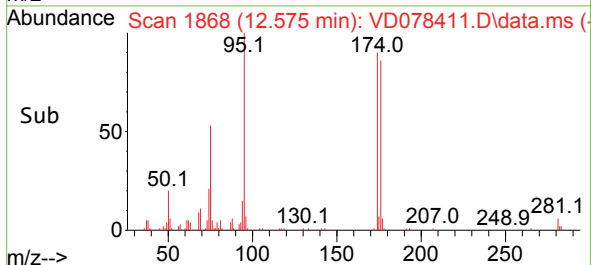
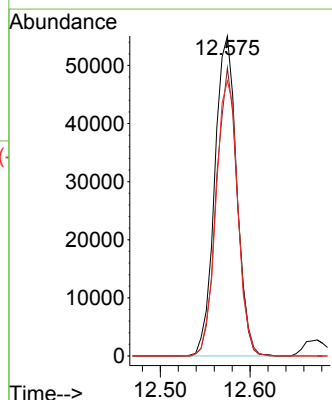
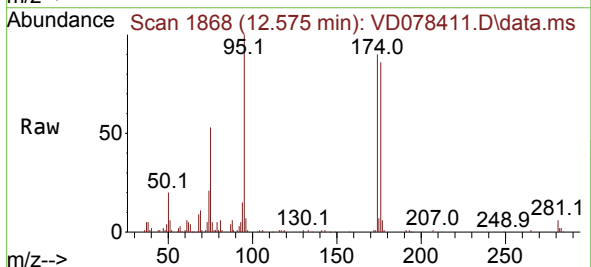
Instrument :
MSVOA_D
ClientSampleId :

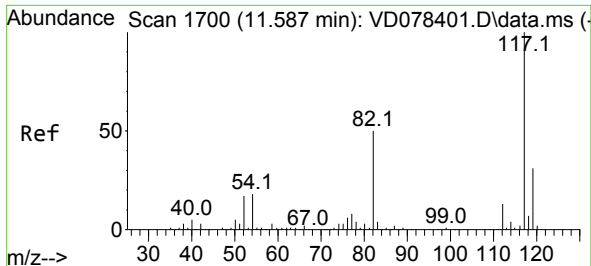
Tgt Ion:107 Resp: 26971
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.707 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 95 Resp: 93443
Ion Ratio Lower Upper
95 100
174 86.4 0.0 201.8
176 85.6 0.0 191.8

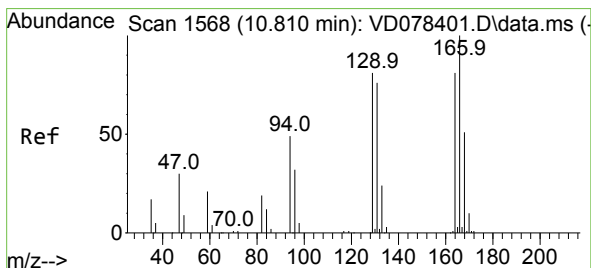
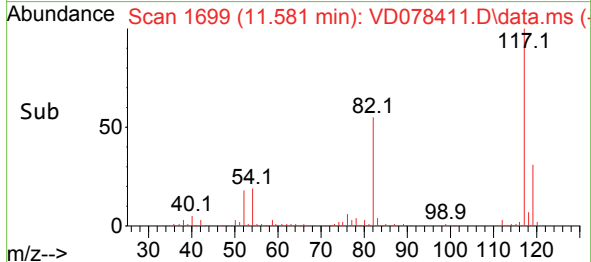
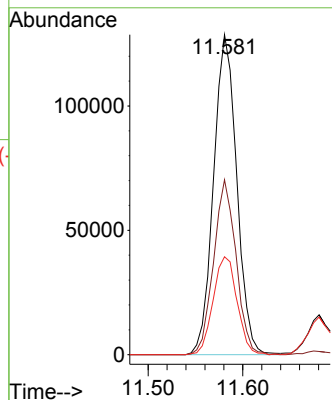
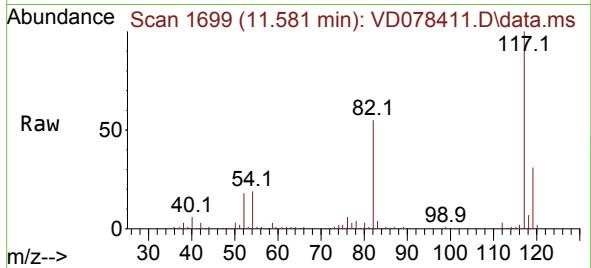




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

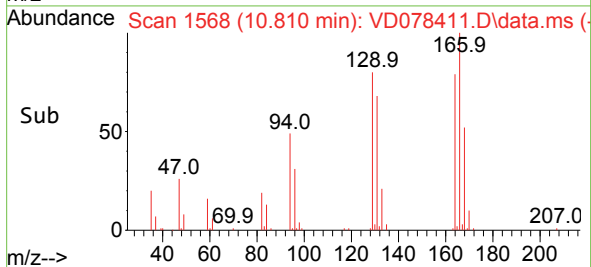
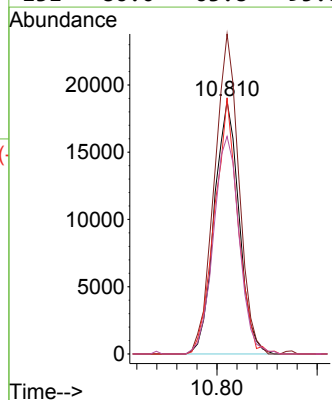
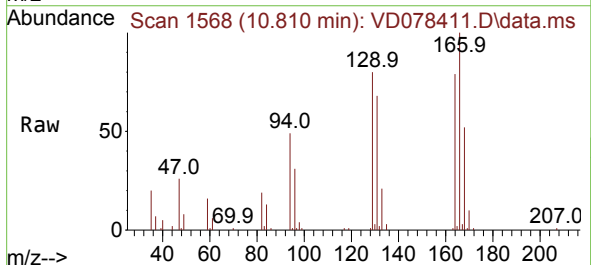
Instrument :
MSVOA_D
ClientSampleId :

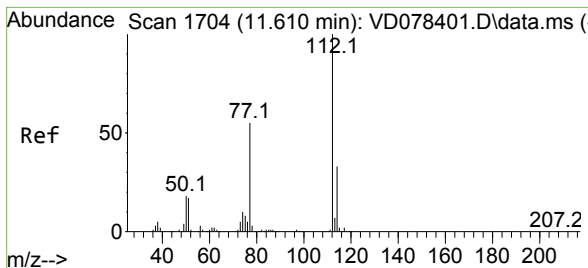
Tgt Ion:117 Resp: 218865
Ion Ratio Lower Upper
117 100
82 54.7 38.3 57.5
119 30.6 25.0 37.4



#64
Tetrachloroethene
Concen: 23.277 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:164 Resp: 32178
Ion Ratio Lower Upper
164 100
166 126.6 99.2 148.8
129 101.3 68.4 102.6
131 86.0 63.8 95.8

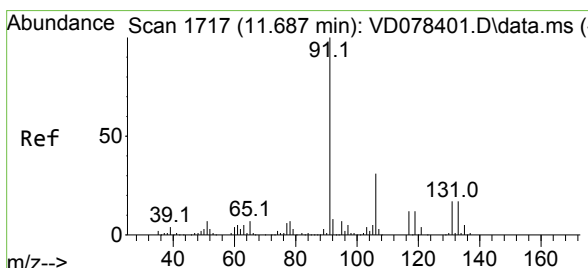
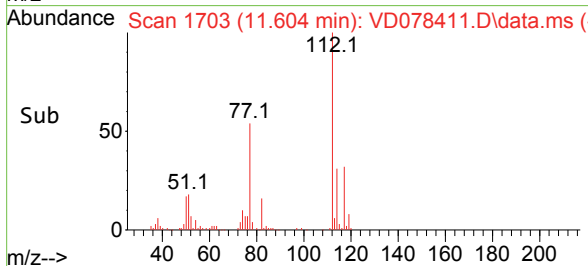
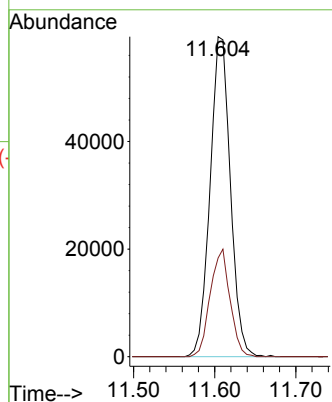
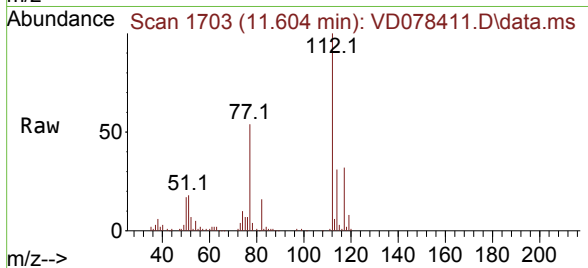




#65
Chlorobenzene
Concen: 23.507 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

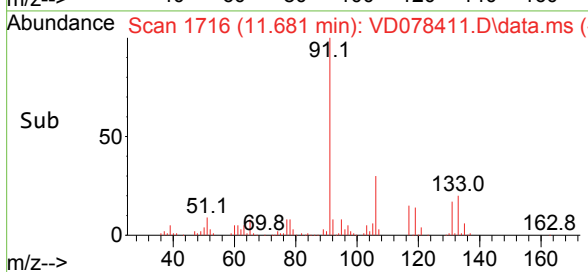
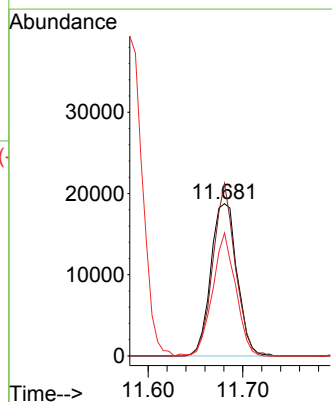
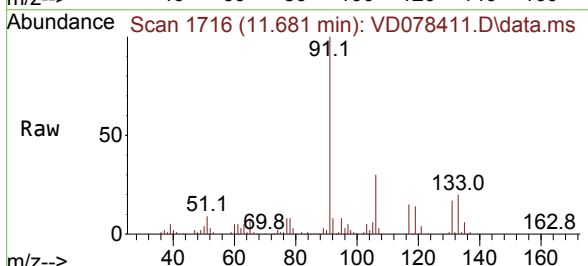
Instrument :
MSVOA_D
ClientSampleId :

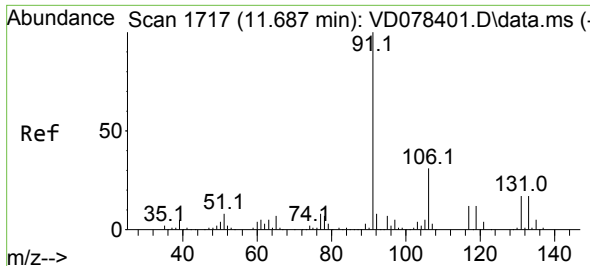
Tgt Ion:112 Resp: 103433
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 22.398 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:131 Resp: 36218
Ion Ratio Lower Upper
131 100
133 96.8 48.5 145.5
119 70.6 35.6 106.9

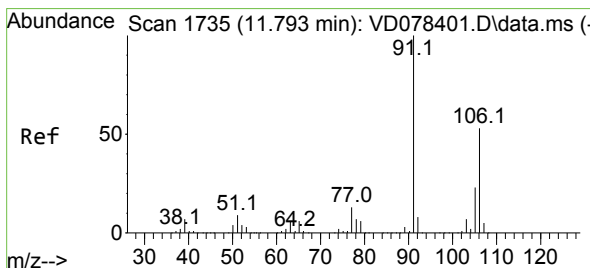
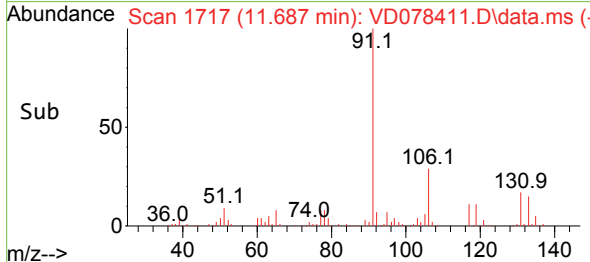
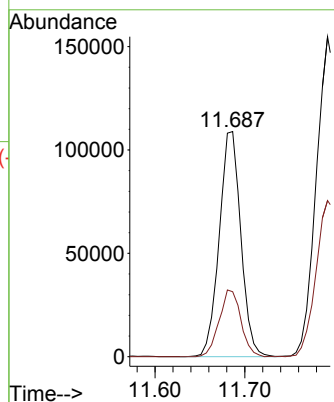
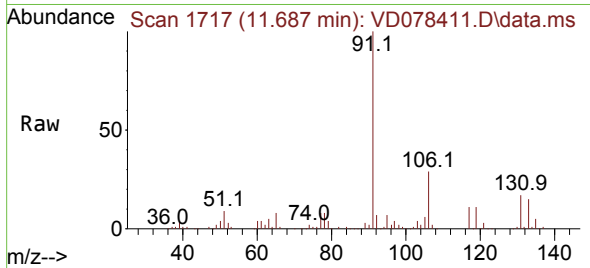




#67
Ethyl Benzene
Concen: 23.083 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

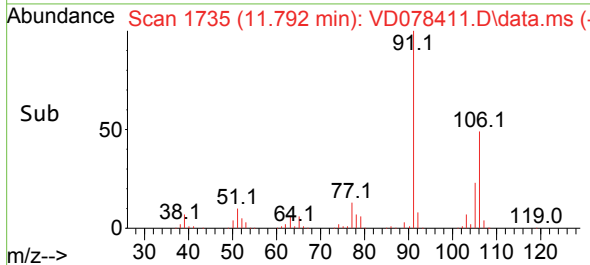
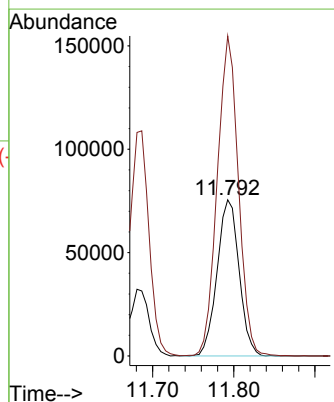
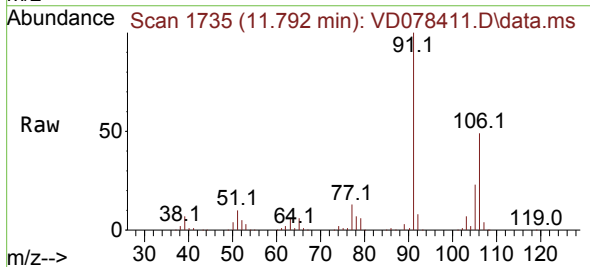
Instrument :
MSVOA_D
ClientSampleId :

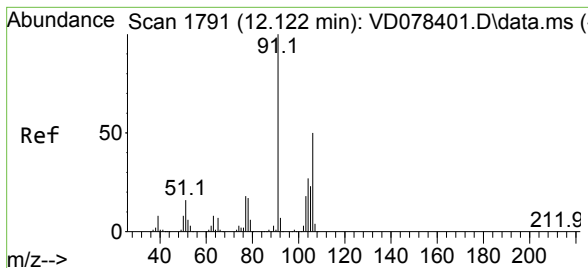
Tgt Ion: 91 Resp: 181980
Ion Ratio Lower Upper
91 100
106 28.8 26.5 39.7



#68
m/p-Xylenes
Concen: 46.263 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:106 Resp: 142266
Ion Ratio Lower Upper
106 100
91 197.3 147.0 220.6

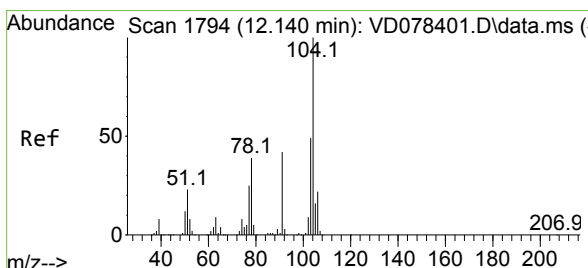
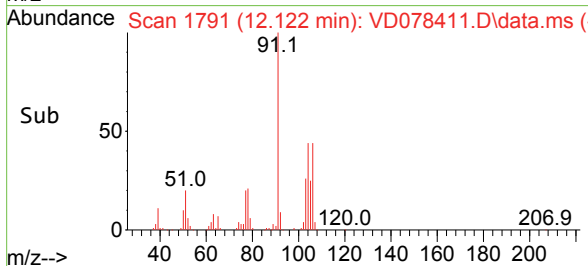
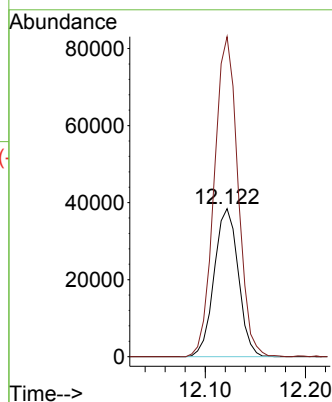
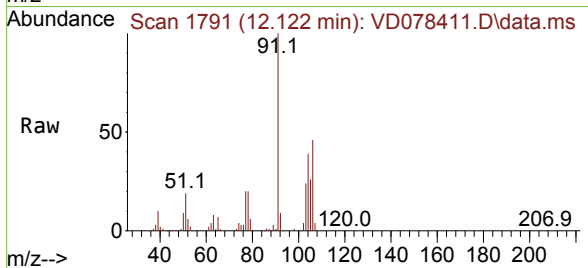




#69
o-Xylene
Concen: 22.887 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

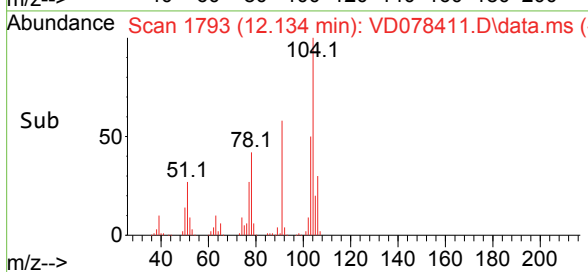
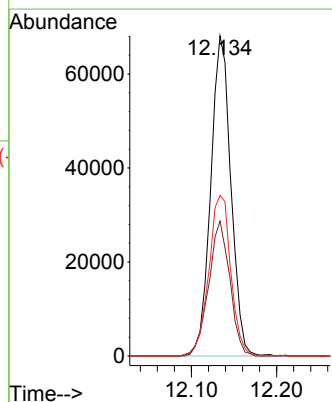
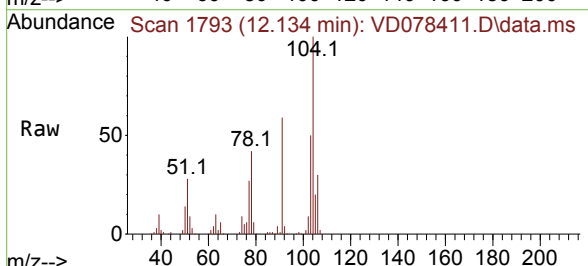
Instrument :
MSVOA_D
ClientSampleId :

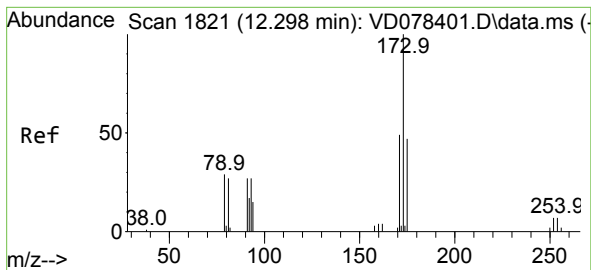
Tgt Ion:106 Resp: 64228
Ion Ratio Lower Upper
106 100
91 212.8 97.9 293.6



#70
Styrene
Concen: 24.450 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:104 Resp: 111984
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 54.8 43.6 65.4





#71

Bromoform

Concen: 21.826 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

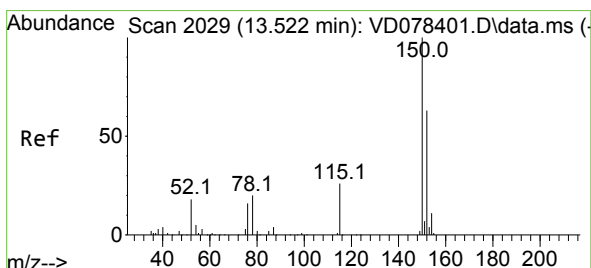
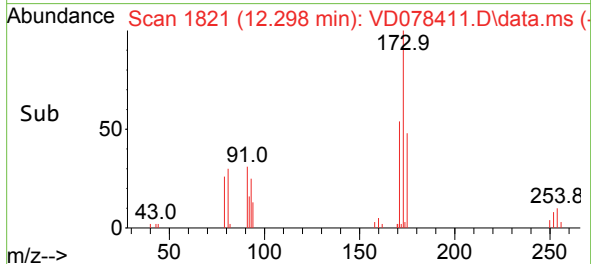
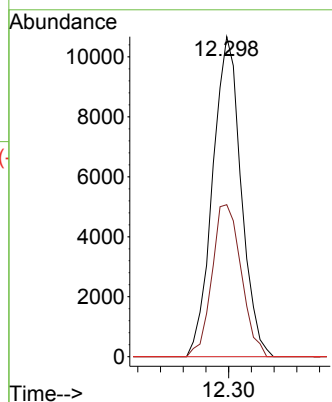
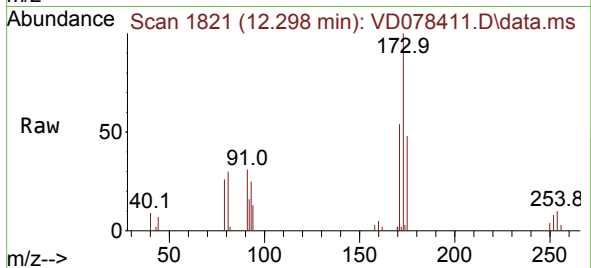
Tgt Ion:173 Resp: 18576

Ion Ratio Lower Upper

173 100

175 48.8 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

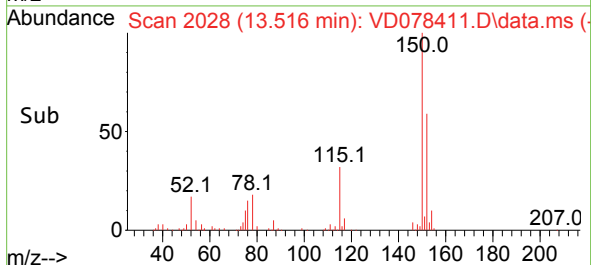
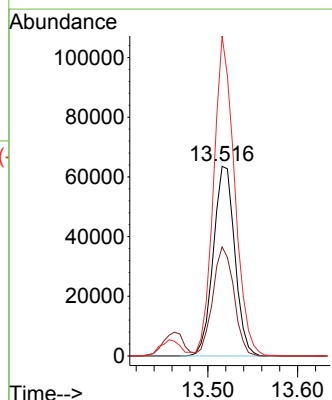
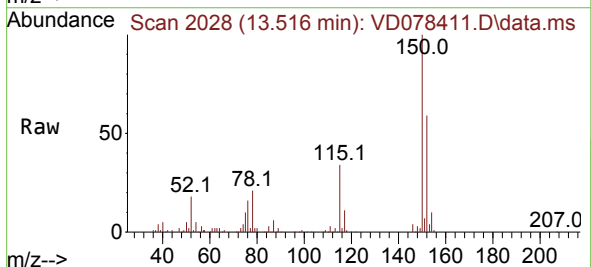
Tgt Ion:152 Resp: 105827

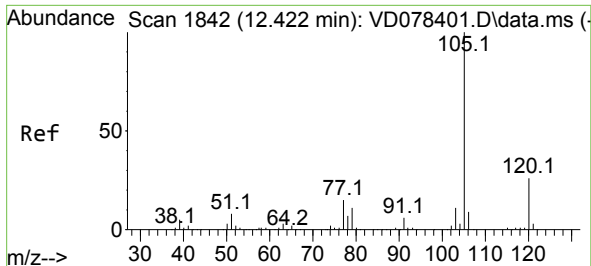
Ion Ratio Lower Upper

152 100

115 56.6 27.1 81.3

150 164.5 0.0 353.6

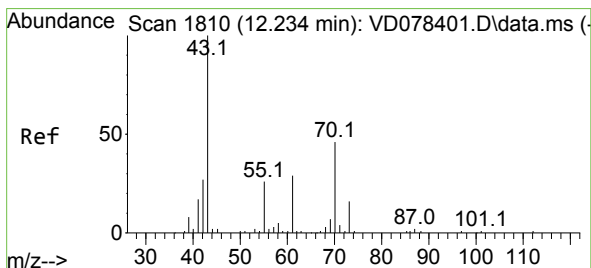
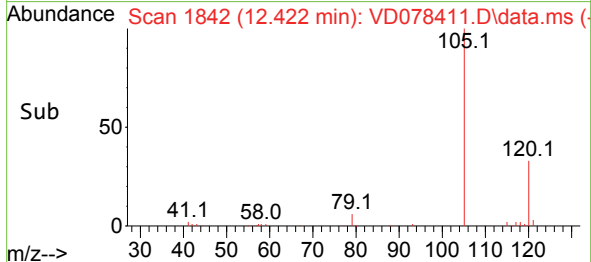
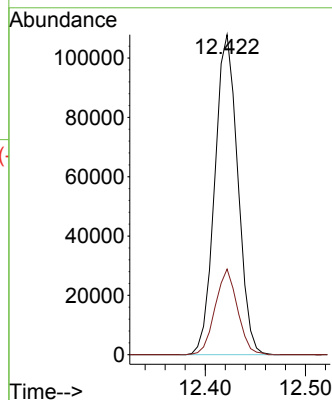
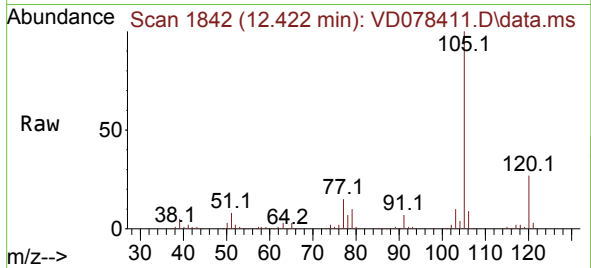




#73
Isopropylbenzene
Concen: 24.153 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

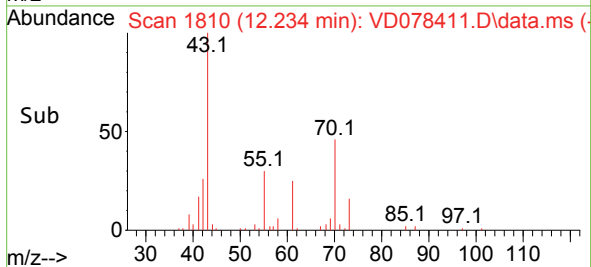
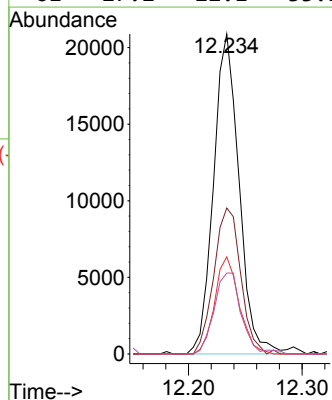
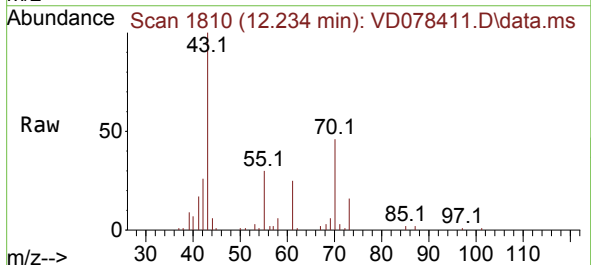
Instrument :
MSVOA_D
ClientSampleId :

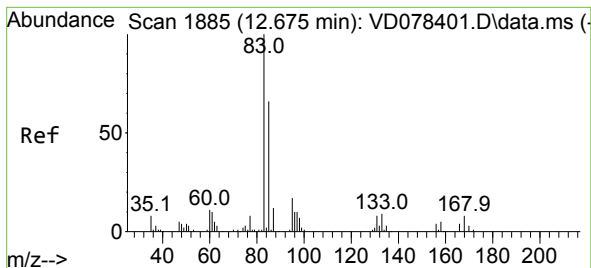
Tgt Ion:105 Resp: 171633
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 24.165 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 43 Resp: 32487
Ion Ratio Lower Upper
43 100
70 48.2 45.0 67.4
55 29.2 23.8 35.6
61 27.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.154 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

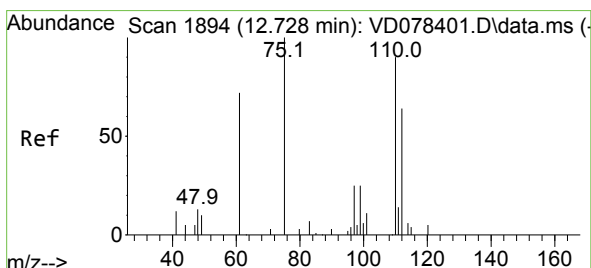
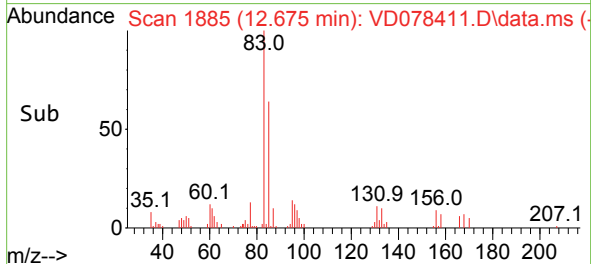
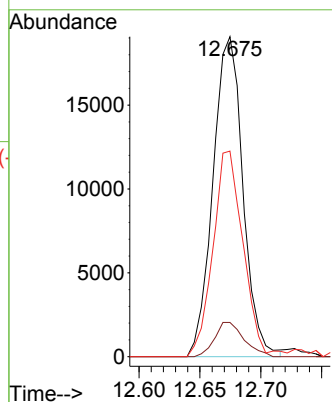
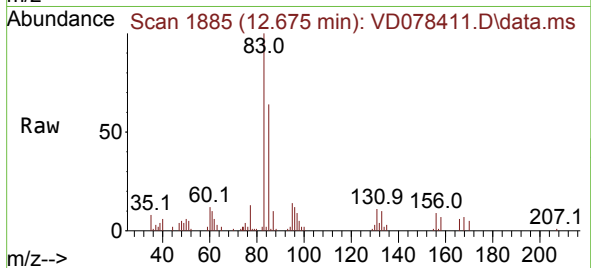
Tgt Ion: 83 Resp: 32638

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

85 64.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 42.548 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD078411.D

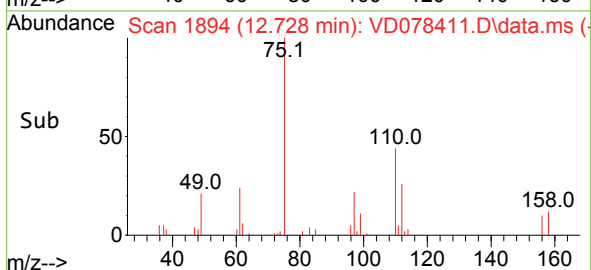
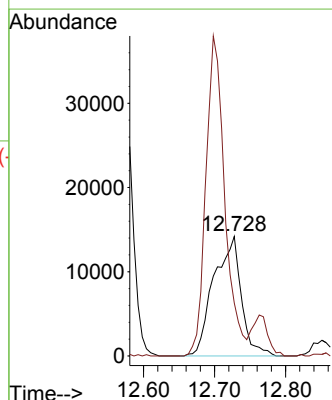
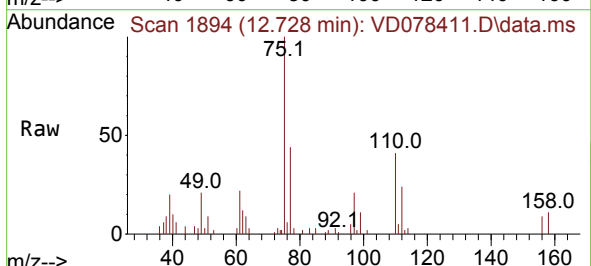
Acq: 14 Feb 2024 13:39

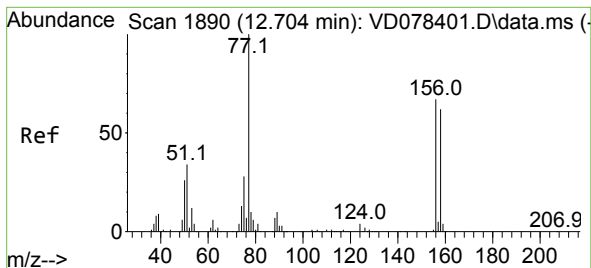
Tgt Ion: 75 Resp: 38227

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 23.516 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

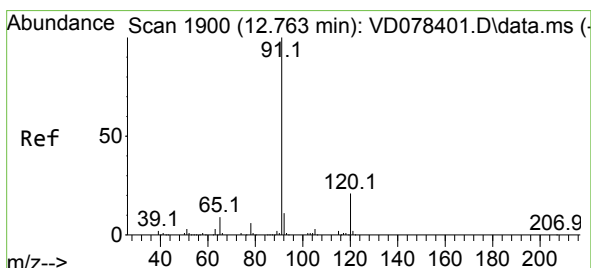
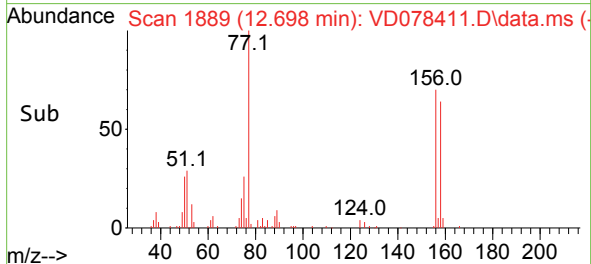
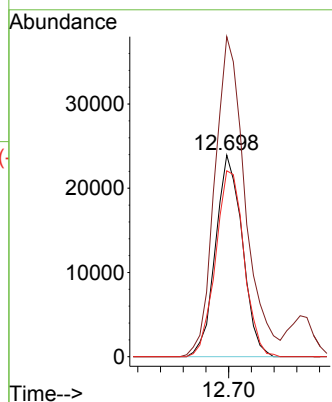
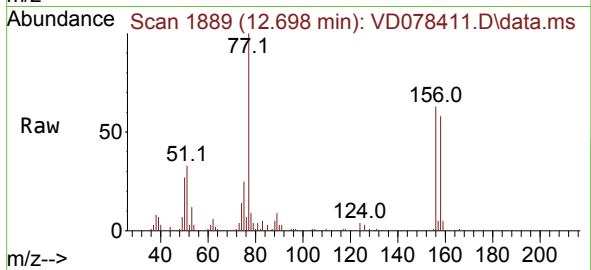
Tgt Ion:156 Resp: 39273

Ion Ratio Lower Upper

156 100

77 180.0 76.8 230.4

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 25.097 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD078411.D

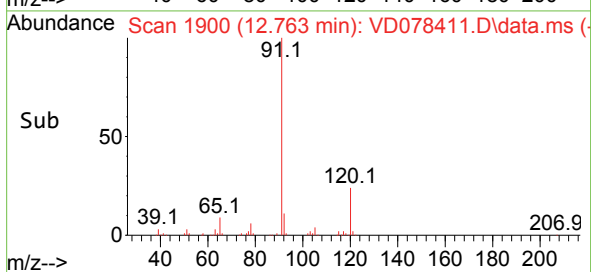
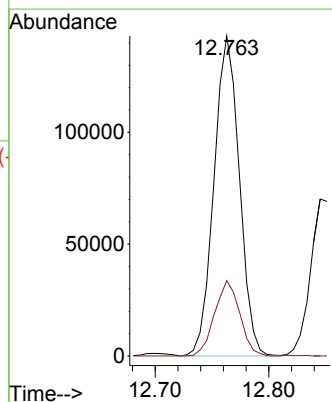
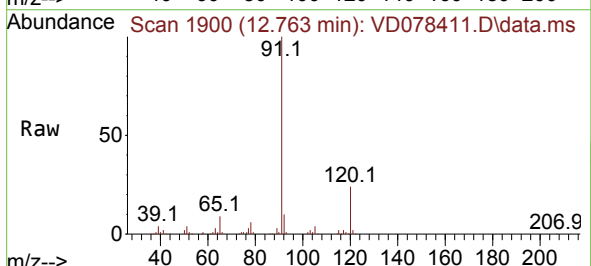
Acq: 14 Feb 2024 13:39

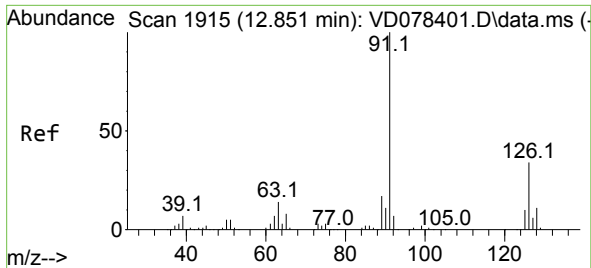
Tgt Ion: 91 Resp: 222246

Ion Ratio Lower Upper

91 100

120 23.2 12.4 37.2

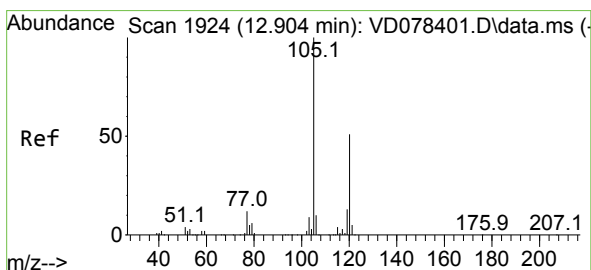
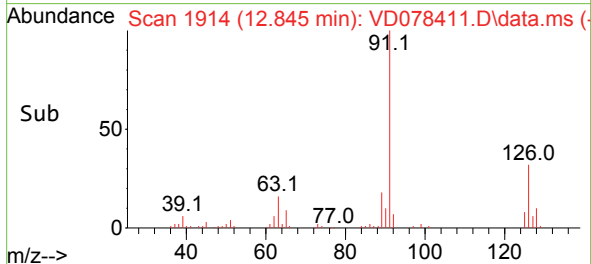
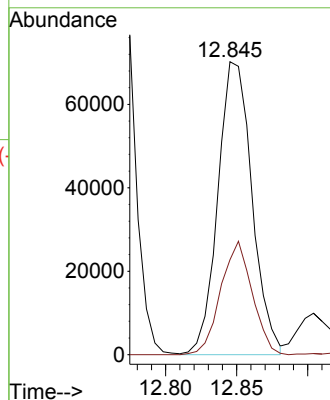
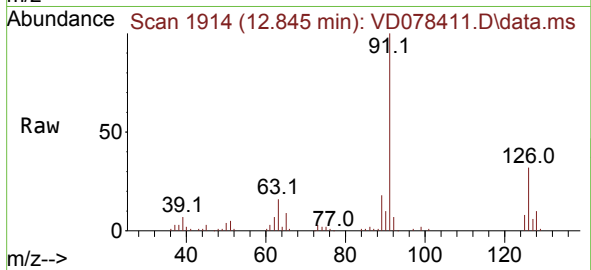




#79
2-Chlorotoluene
Concen: 24.775 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

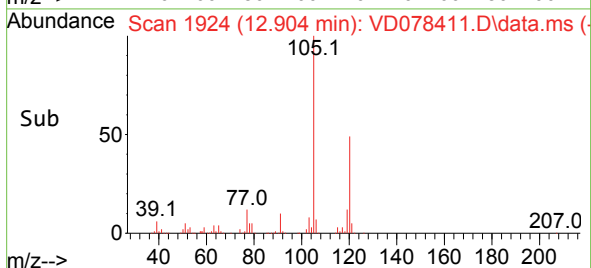
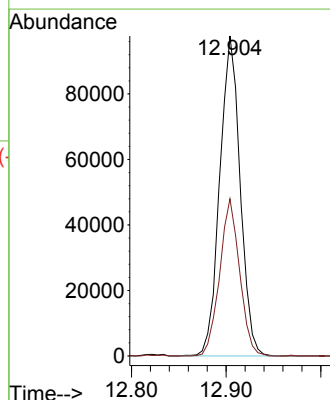
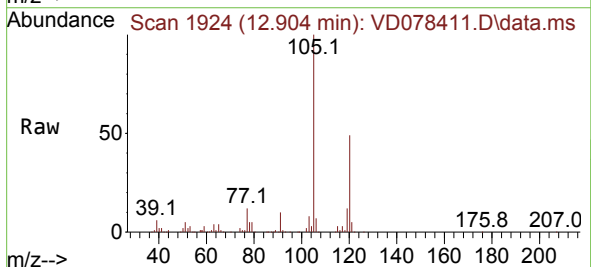
Instrument :
MSVOA_D
ClientSampleId :

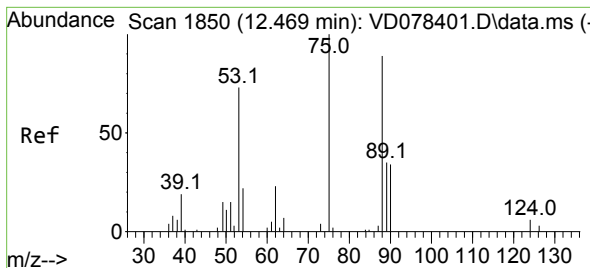
Tgt Ion: 91 Resp: 117512
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 24.767 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion: 105 Resp: 146141
Ion Ratio Lower Upper
105 100
120 48.0 26.4 79.2

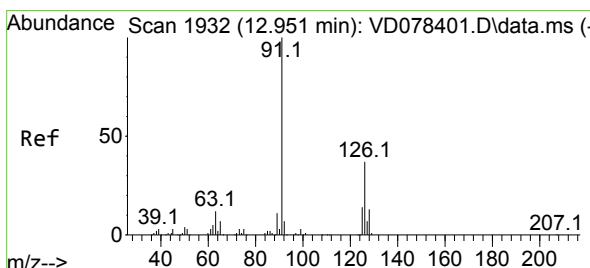
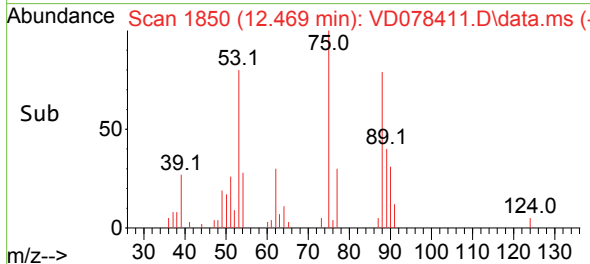
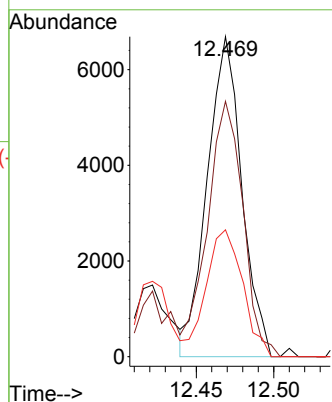
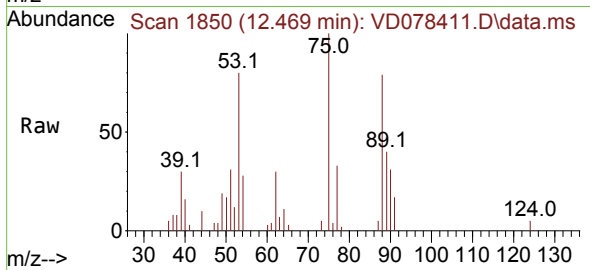




#81
 trans-1,4-Dichloro-2-butene
 Concen: 23.869 ug/l
 RT: 12.469 min Scan# 1850
 Delta R.T. -0.000 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

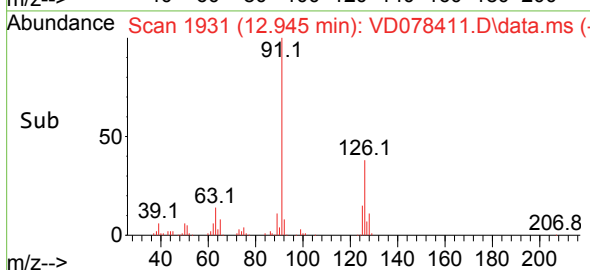
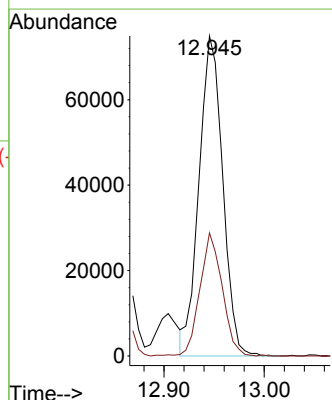
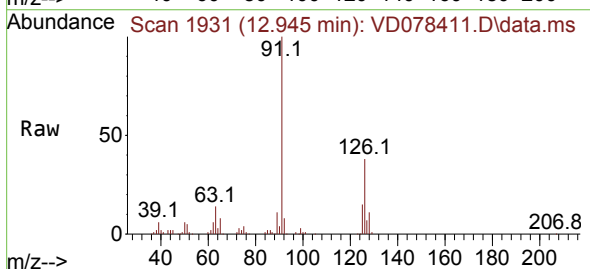
Instrument :
 MSVOA_D
 ClientSampleId :

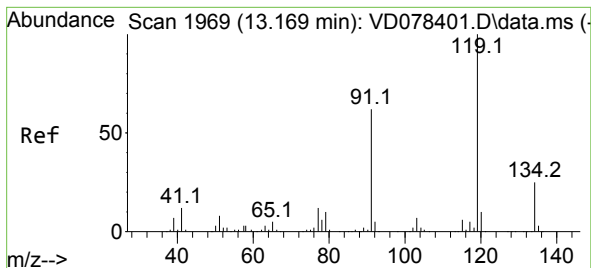
Tgt Ion: 75 Resp: 10330
 Ion Ratio Lower Upper
 75 100
 53 82.1 63.0 94.4
 89 42.3 37.9 56.9



#82
 4-Chlorotoluene
 Concen: 24.161 ug/l
 RT: 12.945 min Scan# 1931
 Delta R.T. -0.006 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

Tgt Ion: 91 Resp: 123080
 Ion Ratio Lower Upper
 91 100
 126 36.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 24.846 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

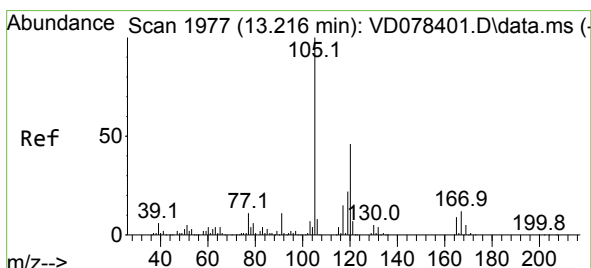
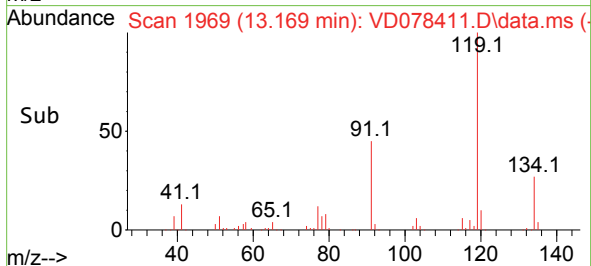
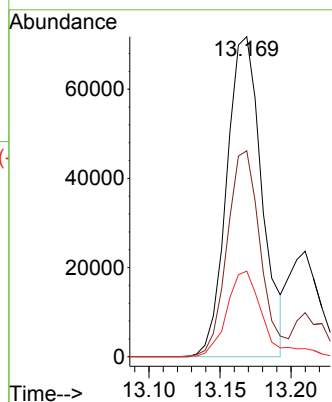
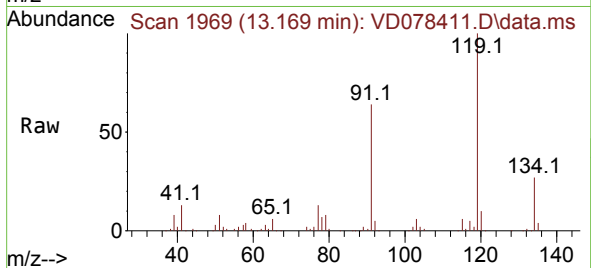
Tgt Ion:119 Resp: 123643

Ion Ratio Lower Upper

119 100

91 61.4 29.3 87.8

134 27.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 24.371 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD078411.D

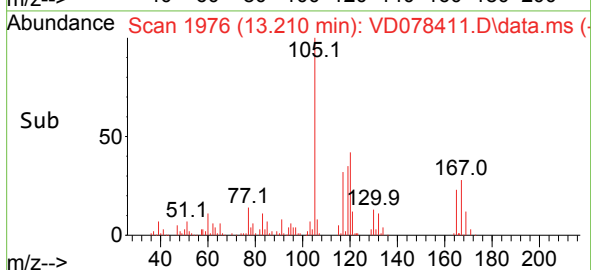
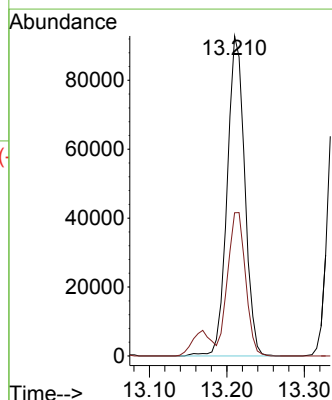
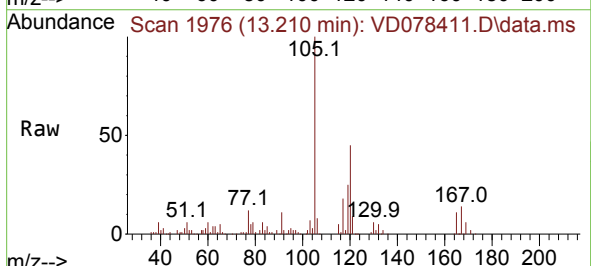
Acq: 14 Feb 2024 13:39

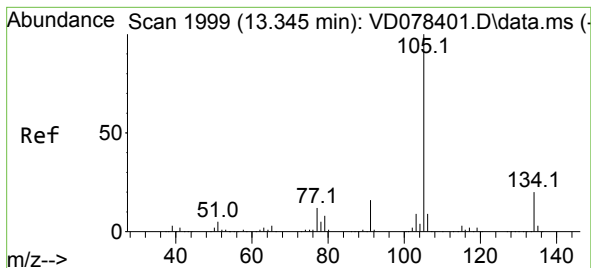
Tgt Ion:105 Resp: 145946

Ion Ratio Lower Upper

105 100

120 45.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 25.437 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

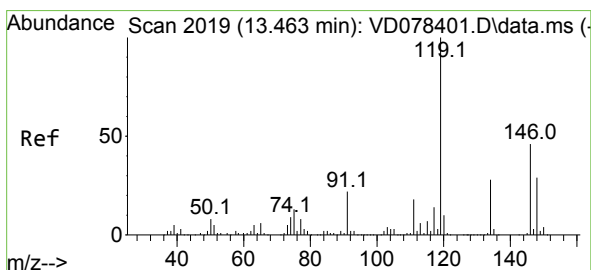
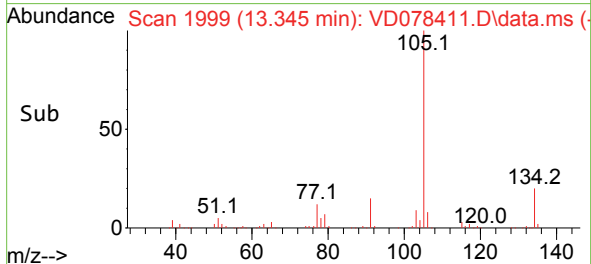
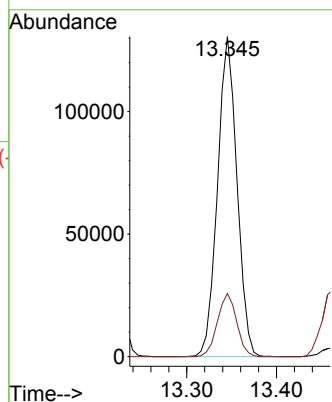
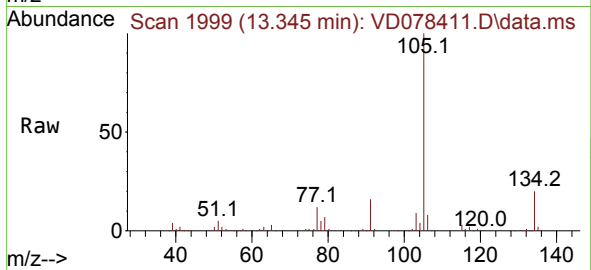
ClientSampleId :

Tgt Ion:105 Resp: 196312

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 24.329 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

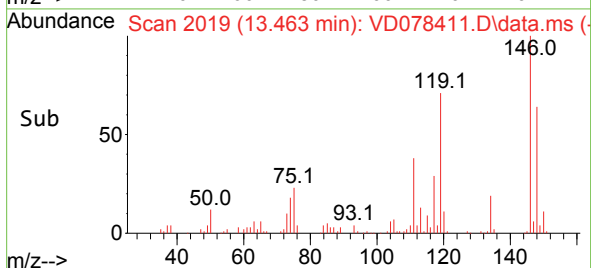
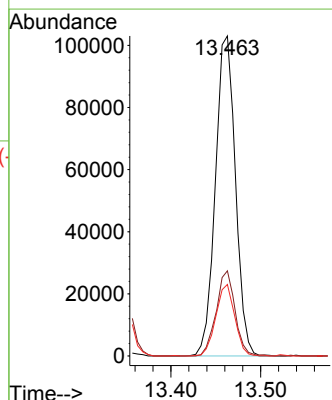
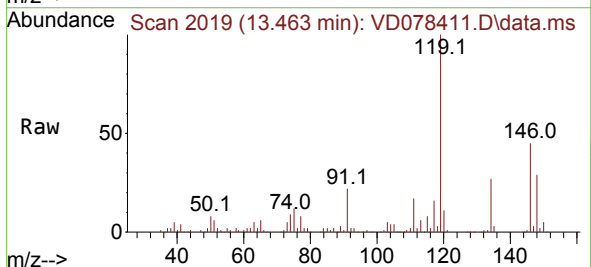
Tgt Ion:119 Resp: 159929

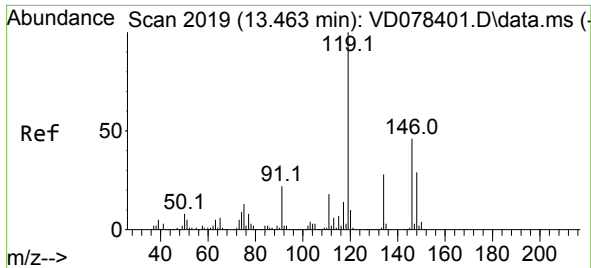
Ion Ratio Lower Upper

119 100

134 24.9 14.2 42.6

91 21.2 10.5 31.5

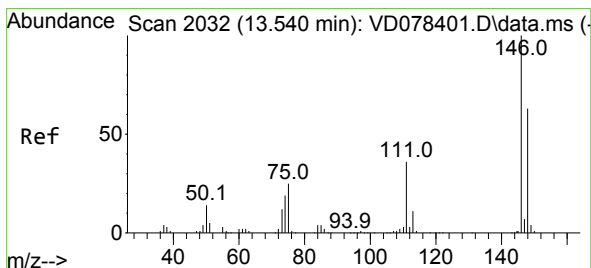
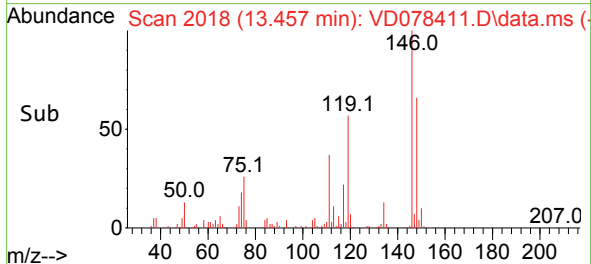
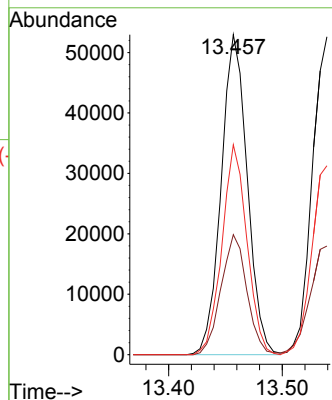
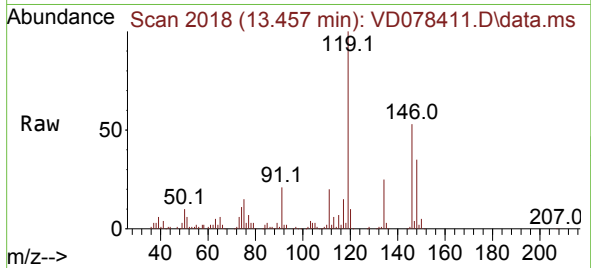




#87
 1,3-Dichlorobenzene
 Concen: 23.717 ug/l
 RT: 13.457 min Scan# 2019
 Delta R.T. -0.006 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

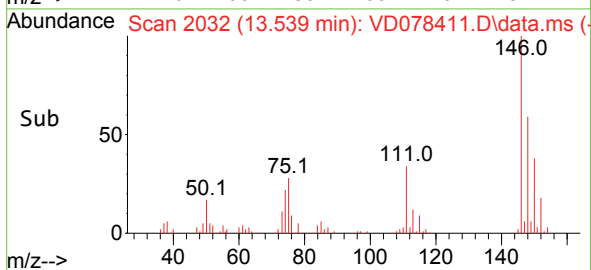
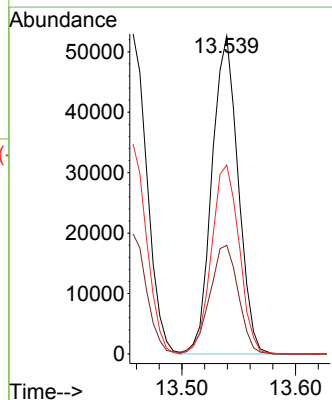
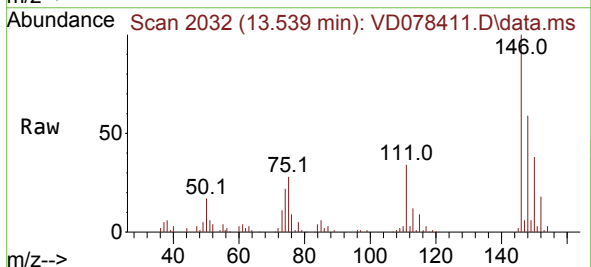
Instrument :
 MSVOA_D
 ClientSampleId :

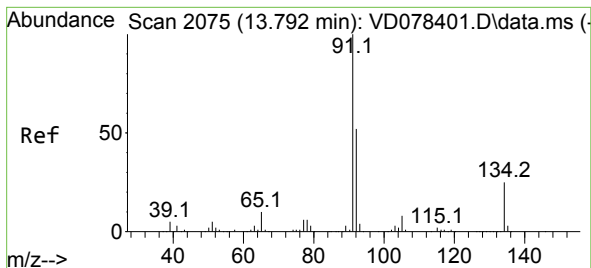
Tgt Ion:146 Resp: 84535
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.9 53.8
 148 62.8 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 24.025 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

Tgt Ion:146 Resp: 84143
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.4 52.3
 148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 24.628 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.006 min

Lab File: VD078411.D

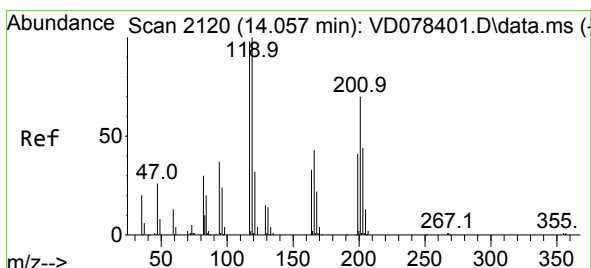
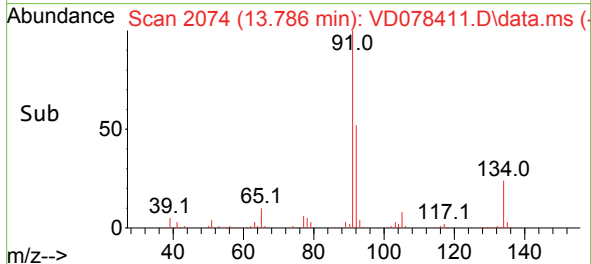
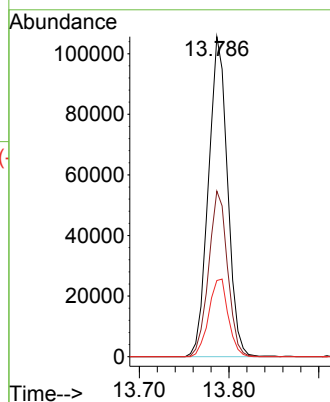
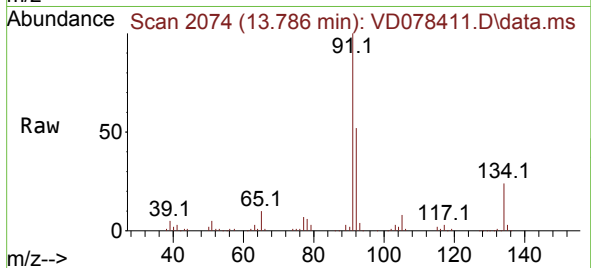
Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 91	Resp: 156041
Ion Ratio	Lower Upper
91	100
92	51.2 26.5 79.5
134	24.8 13.8 41.3



#90

Hexachloroethane

Concen: 24.975 ug/l

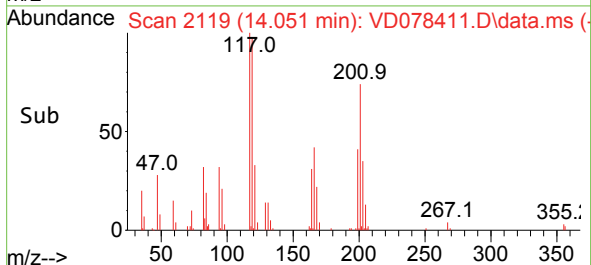
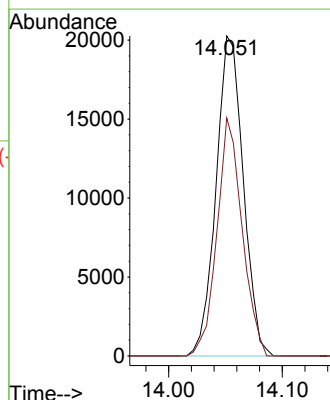
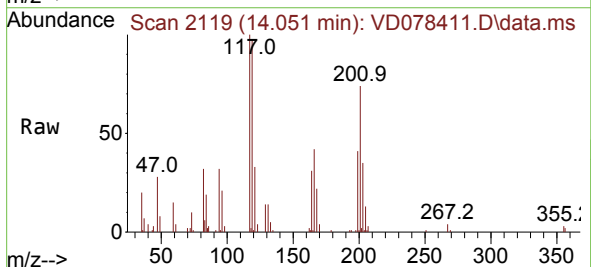
RT: 14.051 min Scan# 2119

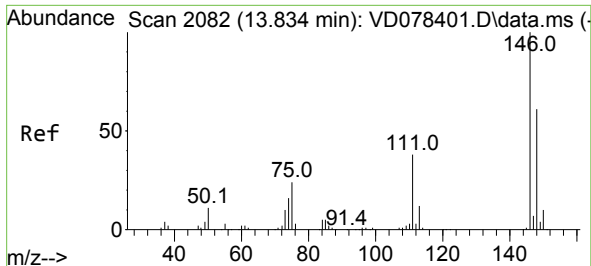
Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

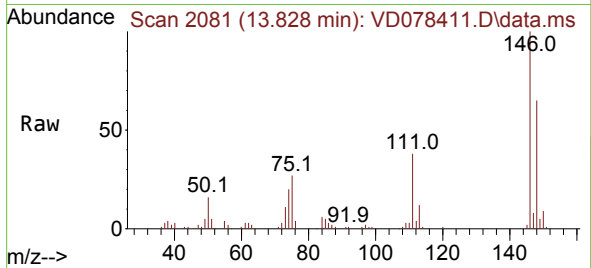
Tgt Ion: 117	Resp: 33743
Ion Ratio	Lower Upper
117	100
201	68.9 38.5 115.5



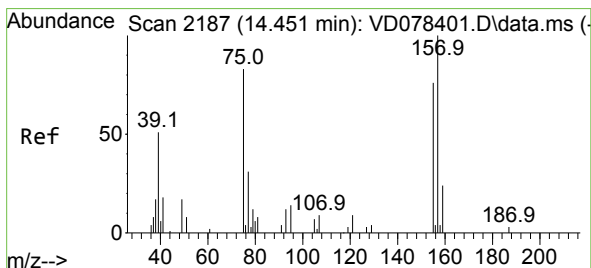
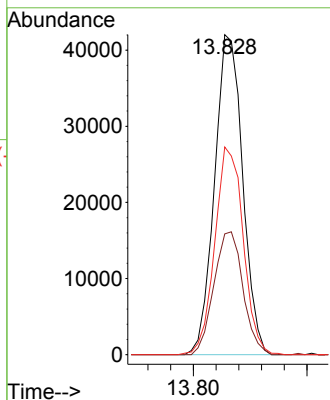
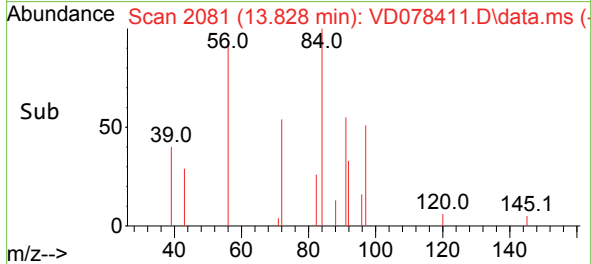


#91
 1,2-Dichlorobenzene
 Concen: 24.111 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. -0.006 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39

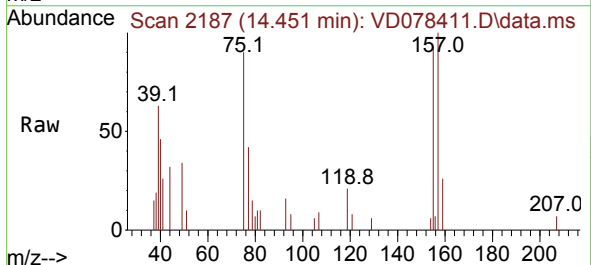
Instrument :
 MSVOA_D
 ClientSampleId :



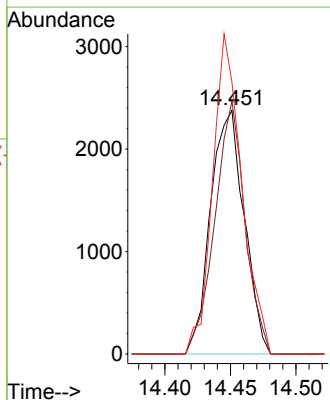
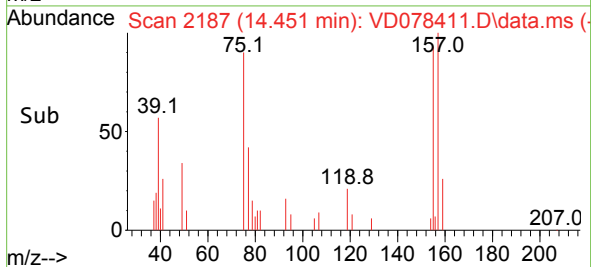
Tgt Ion:146 Resp: 72169
 Ion Ratio Lower Upper
 146 100
 111 39.8 18.3 54.8
 148 65.6 31.6 94.7

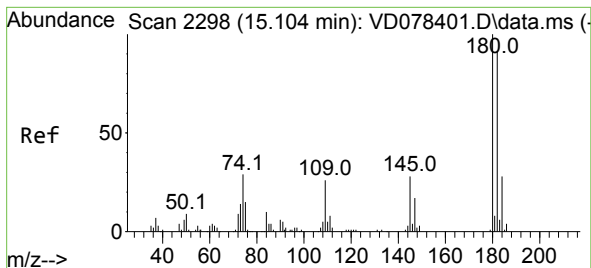


#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.950 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. -0.000 min
 Lab File: VD078411.D
 Acq: 14 Feb 2024 13:39



Tgt Ion: 75 Resp: 4236
 Ion Ratio Lower Upper
 75 100
 155 92.8 47.9 143.8
 157 114.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 24.390 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

Instrument :

MSVOA_D

ClientSampleId :

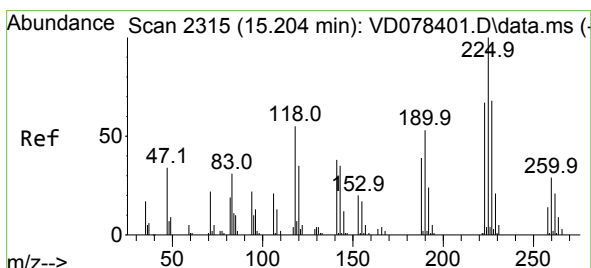
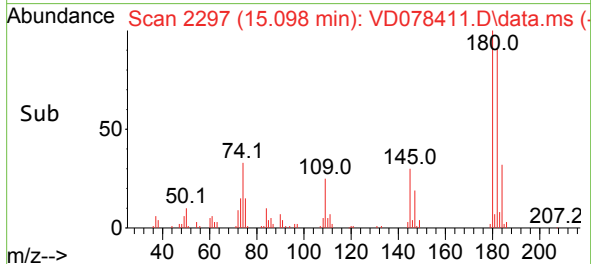
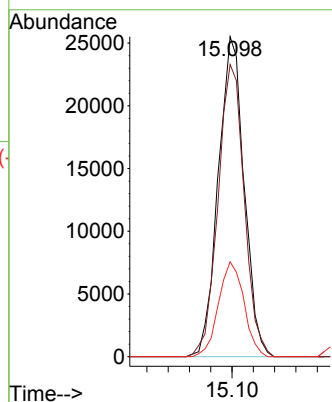
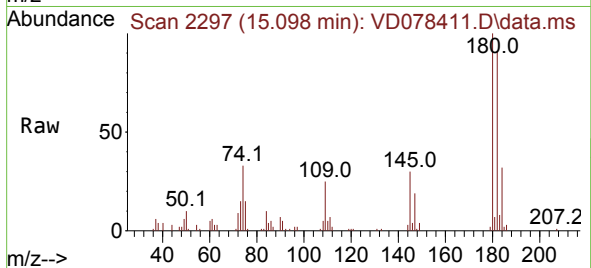
Tgt Ion:180 Resp: 42904

Ion Ratio Lower Upper

180 100

182 92.3 48.5 145.6

145 29.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 22.942 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD078411.D

Acq: 14 Feb 2024 13:39

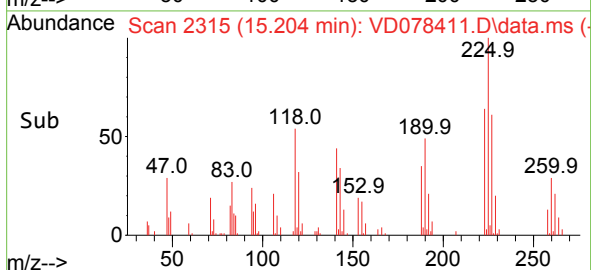
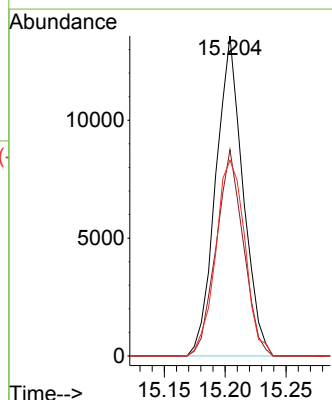
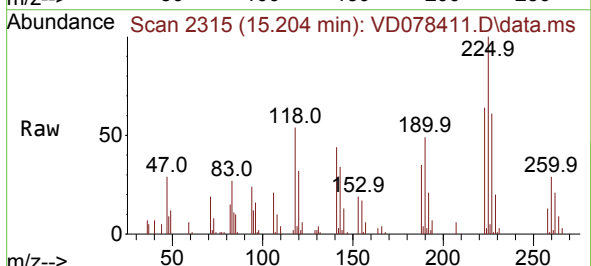
Tgt Ion:225 Resp: 21065

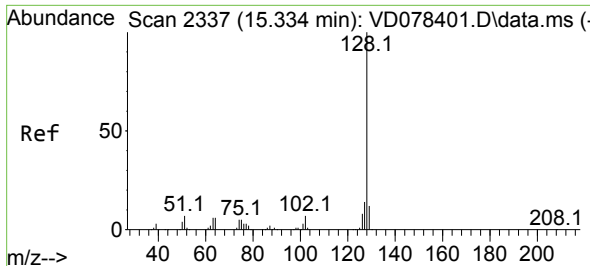
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.8

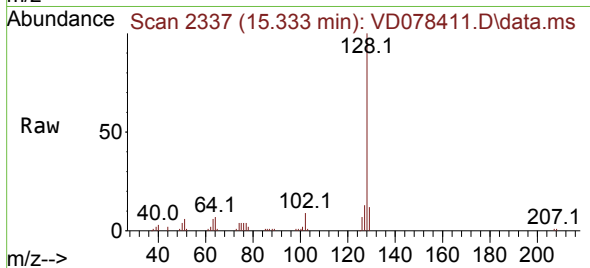
227 66.0 31.7 95.1



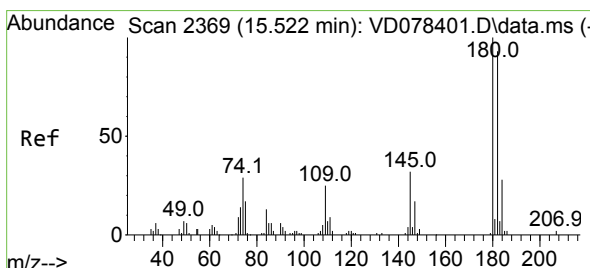
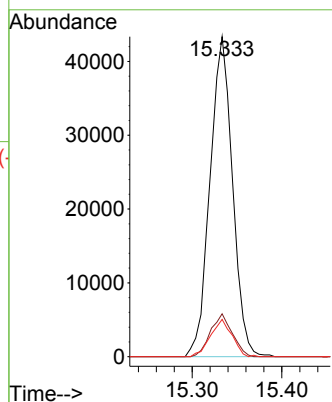
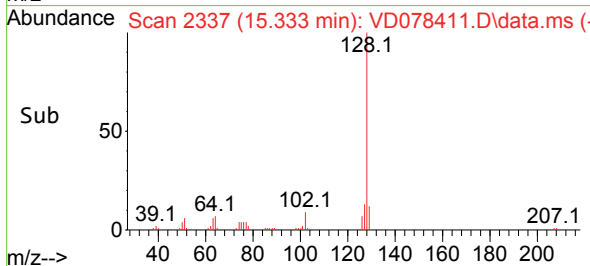


#95
Naphthalene
Concen: 23.173 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 75607
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 11.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 24.615 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078411.D
Acq: 14 Feb 2024 13:39

Tgt Ion:180 Resp: 36696
Ion Ratio Lower Upper
180 100
182 95.0 47.3 141.9
145 30.6 15.1 45.3

