

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
 Data File : VD078219.D
 Acq On : 24 Jan 2024 13:01
 Operator : RP/MD
 Sample : VD0124SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

Quant Time: Jan 25 00:26:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:43:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	128990	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	236129	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	218986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	97381	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	78318	53.185	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.380%	
35) Dibromofluoromethane	7.805	113	79938	51.439	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.275	98	322022	52.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.660%	
62) 4-Bromofluorobenzene	12.575	95	91818	51.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	33159	23.624	ug/l	100
3) Chloromethane	2.152	50	46586	19.515	ug/l	98
4) Vinyl Chloride	2.287	62	60163	19.669	ug/l	100
5) Bromomethane	2.693	94	43931	19.680	ug/l	97
6) Chloroethane	2.840	64	43238	20.237	ug/l	93
7) Trichlorofluoromethane	3.181	101	55301	19.877	ug/l	93
8) Diethyl Ether	3.599	74	14772	19.153	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.975	101	34469	21.390	ug/l	91
10) Methyl Iodide	4.169	142	28367	17.561	ug/l	# 86
11) Tert butyl alcohol	5.052	59	6998	96.532	ug/l	# 89
12) 1,1-Dichloroethene	3.946	96	31690	19.852	ug/l	# 85
13) Acrolein	3.799	56	13972	83.956	ug/l	93
14) Allyl chloride	4.564	41	41795	19.850	ug/l	91
15) Acrylonitrile	5.258	53	32824	94.842	ug/l	95
16) Acetone	4.022	43	48173	119.568	ug/l	# 84
17) Carbon Disulfide	4.281	76	101785	19.664	ug/l	98
18) Methyl Acetate	4.569	43	23646	18.664	ug/l	# 69
19) Methyl tert-butyl Ether	5.316	73	61664	18.525	ug/l	92
20) Methylene Chloride	4.805	84	42489	21.253	ug/l	# 88
21) trans-1,2-Dichloroethene	5.322	96	37064	20.093	ug/l	97
22) Diisopropyl ether	6.222	45	91840	20.613	ug/l	94
23) Vinyl Acetate	6.163	43	214482	97.707	ug/l	93
24) 1,1-Dichloroethane	6.122	63	61848	20.089	ug/l	97
25) 2-Butanone	7.087	43	52953	108.301	ug/l	# 76
26) 2,2-Dichloropropane	7.081	77	50452	19.562	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	39630	20.001	ug/l	89
28) Bromochloromethane	7.434	49	23673	19.715	ug/l	# 70
29) Tetrahydrofuran	7.452	42	23897	98.368	ug/l	# 82
30) Chloroform	7.605	83	63082	20.147	ug/l	97
31) Cyclohexane	7.881	56	53284	19.571	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	53706	19.857	ug/l	99
36) 1,1-Dichloropropene	8.010	75	50210	19.647	ug/l	96
37) Ethyl Acetate	7.163	43	16879	17.742	ug/l	94
38) Carbon Tetrachloride	7.993	117	47081	18.654	ug/l	99
39) Methylcyclohexane	9.281	83	57802	19.125	ug/l	93
40) Benzene	8.252	78	147008	20.271	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	7311	13.995	ug/l #	74
42) 1,2-Dichloroethane	8.328	62	37619	19.937	ug/l	94
43) Isopropyl Acetate	8.357	43	30527	17.514	ug/l	97
44) Trichloroethene	9.028	130	36283	19.556	ug/l	86
45) 1,2-Dichloropropane	9.304	63	35019	19.460	ug/l	98
46) Dibromomethane	9.393	93	17963	18.176	ug/l	89
47) Bromodichloromethane	9.587	83	48056	19.358	ug/l	95
48) Methyl methacrylate	9.381	41	18829	18.659	ug/l #	73
49) 1,4-Dioxane	9.393	88	3522	368.312	ug/l #	83
51) 4-Methyl-2-Pentanone	10.163	43	87398	95.422	ug/l	89
52) Toluene	10.334	92	90058	19.591	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	44136	19.271	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	53658	19.544	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	25401	19.208	ug/l	93
56) Ethyl methacrylate	10.599	69	20501	18.938	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	44609	19.725	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	60161	92.739	ug/l	91
59) 2-Hexanone	10.922	43	77124	103.622	ug/l	87
60) Dibromochloromethane	11.075	129	28997	18.599	ug/l	93
61) 1,2-Dibromoethane	11.181	107	22870	18.762	ug/l	97
64) Tetrachloroethene	10.816	164	27257	19.036	ug/l	97
65) Chlorobenzene	11.610	112	90486	18.705	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	31962	18.489	ug/l	96
67) Ethyl Benzene	11.687	91	165801	18.834	ug/l	96
68) m/p-Xylenes	11.793	106	129175	38.420	ug/l	90
69) o-Xylene	12.122	106	55903	18.321	ug/l	86
70) Styrene	12.134	104	88191	19.288	ug/l	96
71) Bromoform	12.298	173	16215	18.940	ug/l #	99
73) Isopropylbenzene	12.422	105	153211	20.010	ug/l	97
74) N-amyl acetate	12.234	43	28039	19.140	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	28734	20.168	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	34996	37.469	ug/l #	100
77) Bromobenzene	12.704	156	33021	19.670	ug/l	82
78) n-propylbenzene	12.763	91	195777	20.616	ug/l	94
79) 2-Chlorotoluene	12.851	91	103458	20.415	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	128316	20.211	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	8320	19.188	ug/l	92
82) 4-Chlorotoluene	12.945	91	110388	20.664	ug/l	95
83) tert-Butylbenzene	13.169	119	108936	20.526	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	130948	20.394	ug/l	94
85) sec-Butylbenzene	13.345	105	166999	20.781	ug/l	92
86) p-Isopropyltoluene	13.463	119	137371	19.643	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	69031	19.861	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	67890	19.771	ug/l	93
89) n-Butylbenzene	13.787	91	141870	20.839	ug/l	97
90) Hexachloroethane	14.051	117	28330	20.651	ug/l	80
91) 1,2-Dichlorobenzene	13.834	146	58871	20.143	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4000	19.646	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	34196	18.928	ug/l	97
94) Hexachlorobutadiene	15.198	225	17180	19.678	ug/l	98
95) Naphthalene	15.334	128	63131	18.690	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	30437	20.080	ug/l	96

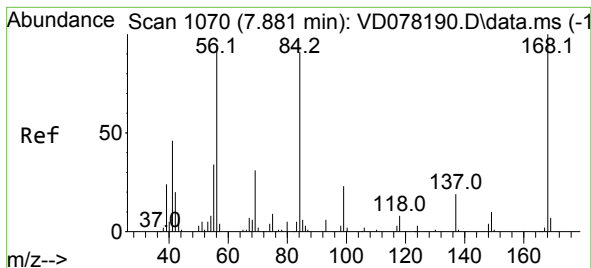
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012424\
Data File : VD078219.D
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Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:43:07 2024
Response via : Initial Calibration

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: 7.881 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

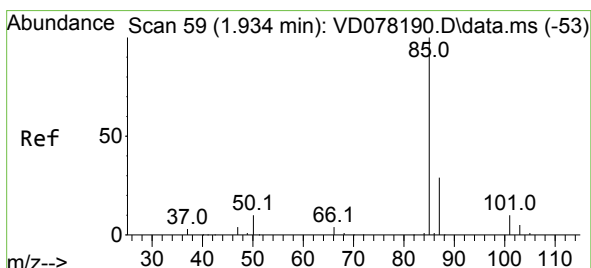
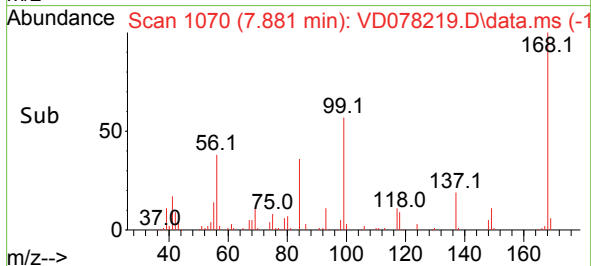
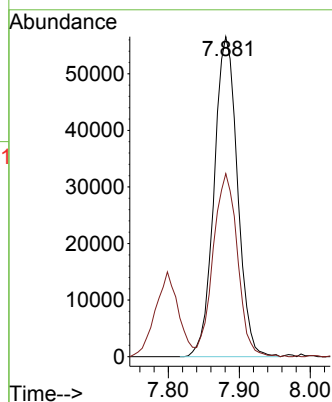
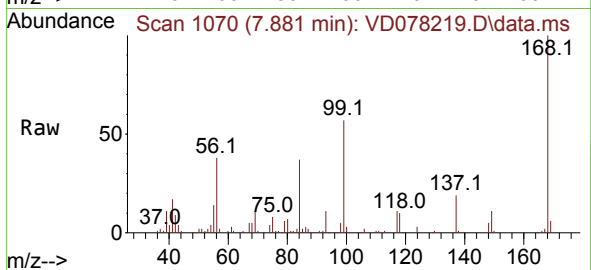
VD0124SBS01

Tgt Ion:168 Resp: 128990

Ion Ratio Lower Upper

168 100

99 57.2 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 23.624 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078219.D

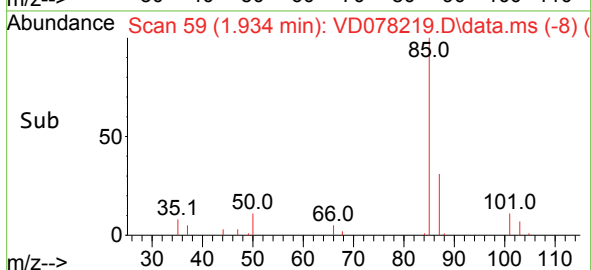
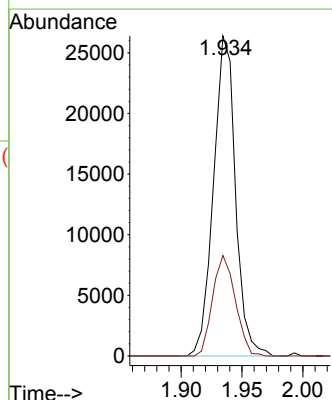
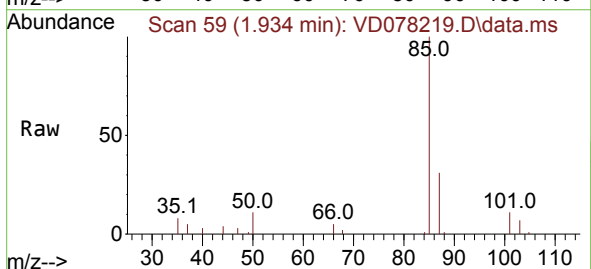
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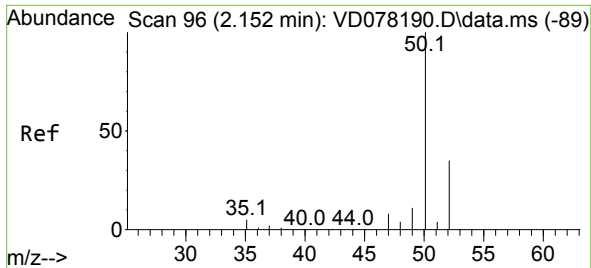
Tgt Ion: 85 Resp: 33159

Ion Ratio Lower Upper

85 100

87 31.4 15.7 47.0

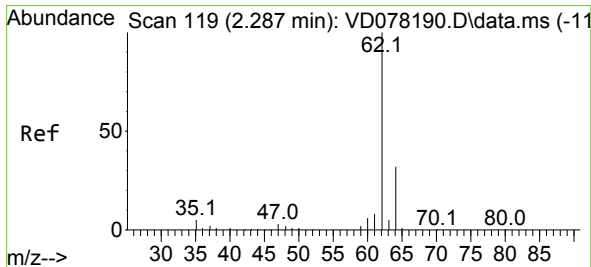
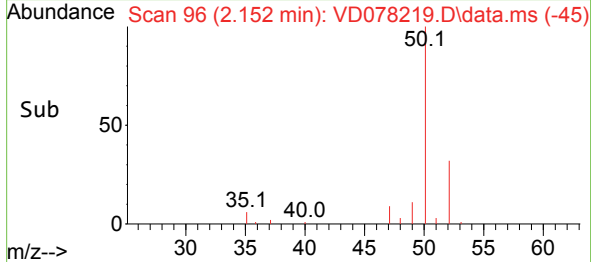
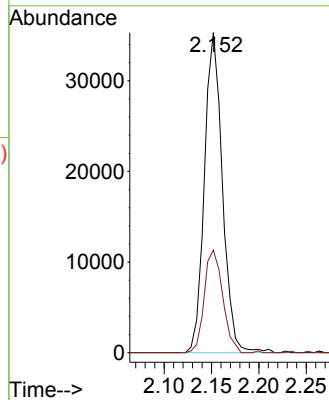
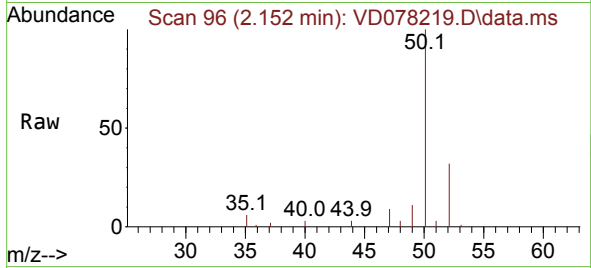




#3
Chloromethane
Concen: 19.515 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

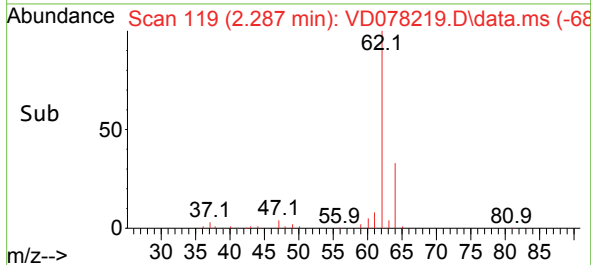
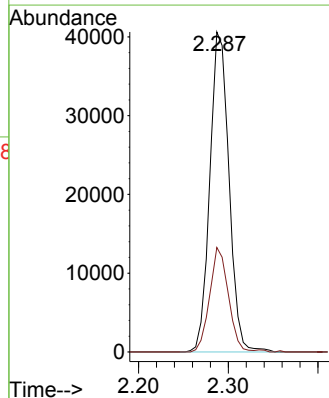
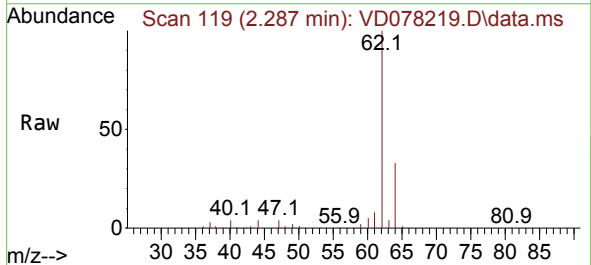
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

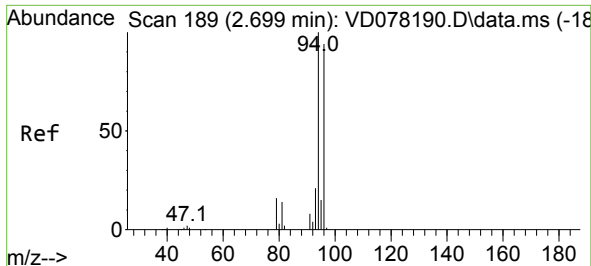
Tgt Ion: 50 Resp: 46586
Ion Ratio Lower Upper
50 100
52 32.0 26.6 40.0



#4
Vinyl Chloride
Concen: 19.669 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 62 Resp: 60163
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0

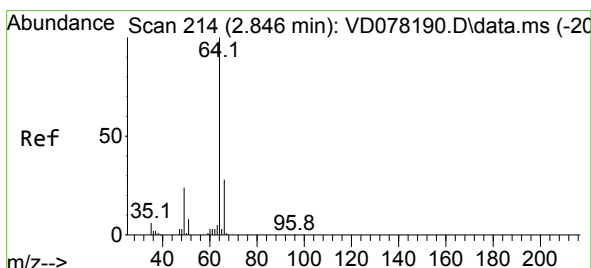
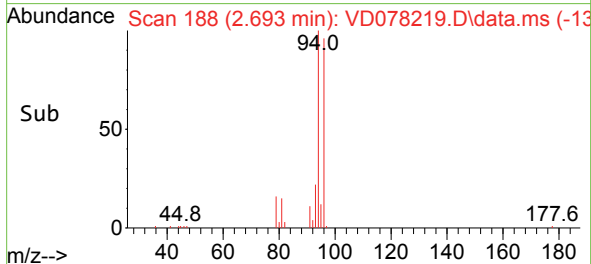
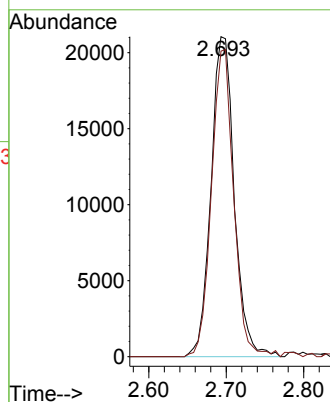
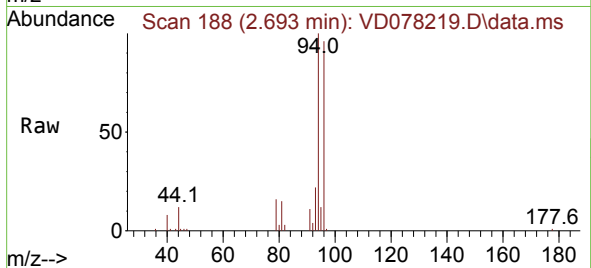




#5
Bromomethane
Concen: 19.680 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

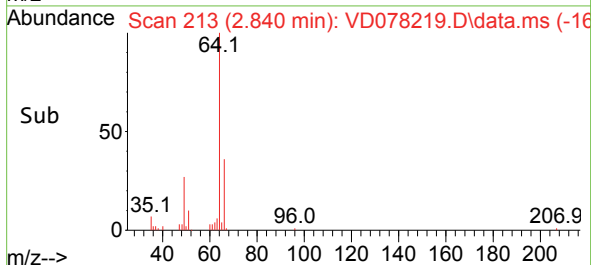
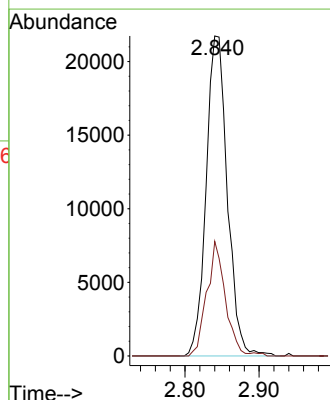
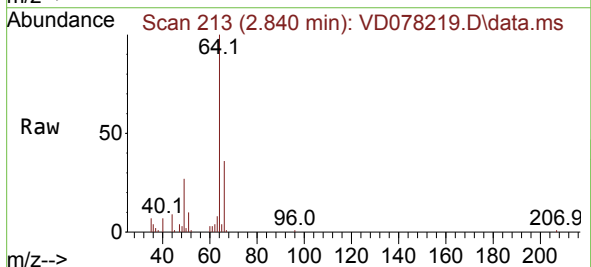
Instrument :
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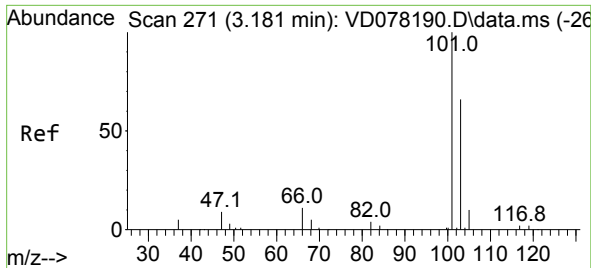
Tgt Ion: 94 Resp: 43931
Ion Ratio Lower Upper
94 100
96 91.6 75.8 113.8



#6
Chloroethane
Concen: 20.237 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 64 Resp: 43238
Ion Ratio Lower Upper
64 100
66 35.8 25.5 38.3

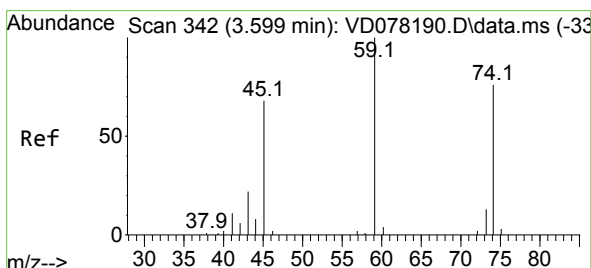
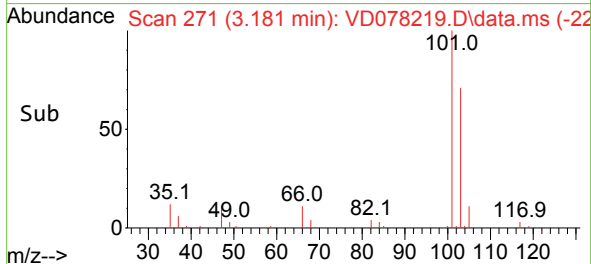
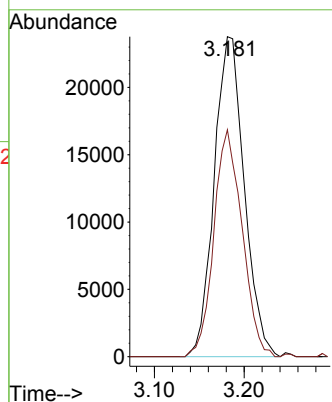
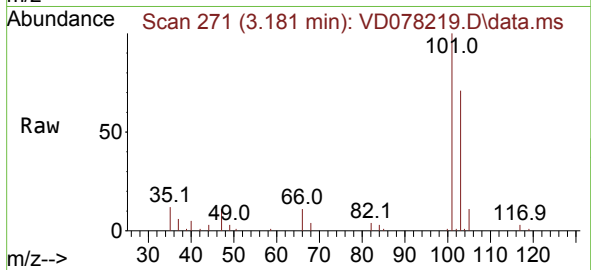




#7
Trichlorofluoromethane
Concen: 19.877 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

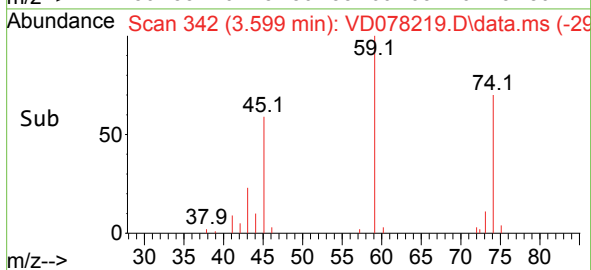
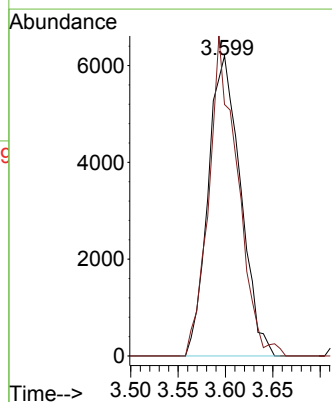
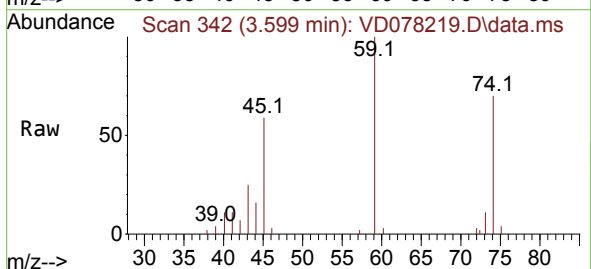
Instrument :
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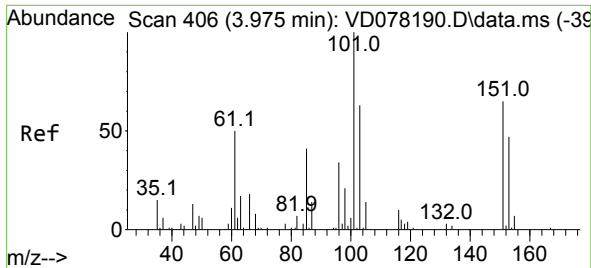
Tgt Ion:101 Resp: 55301
Ion Ratio Lower Upper
101 100
103 70.9 52.3 78.5



#8
Diethyl Ether
Concen: 19.153 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 74 Resp: 14772
Ion Ratio Lower Upper
74 100
45 94.6 37.5 112.7

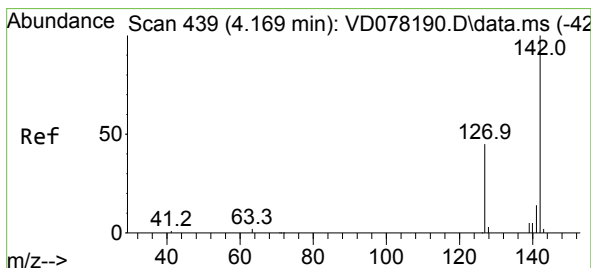
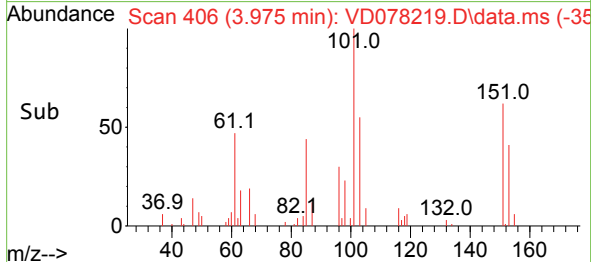
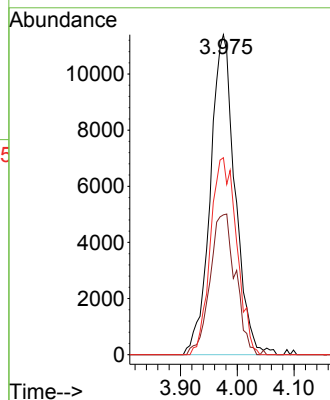
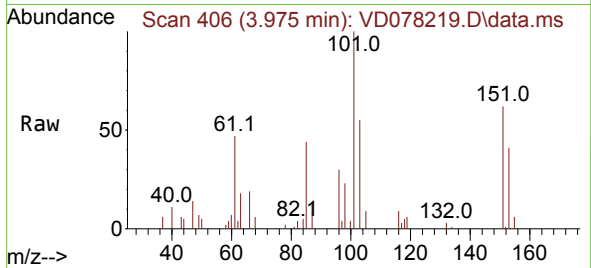




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.390 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

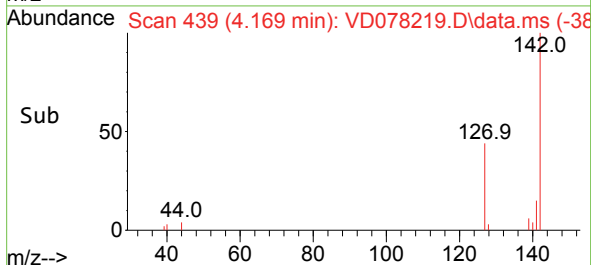
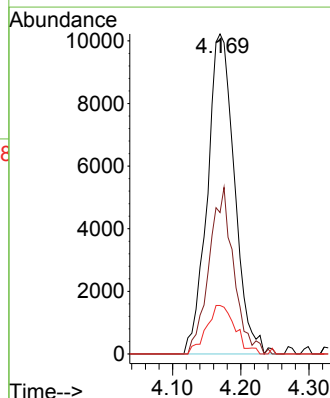
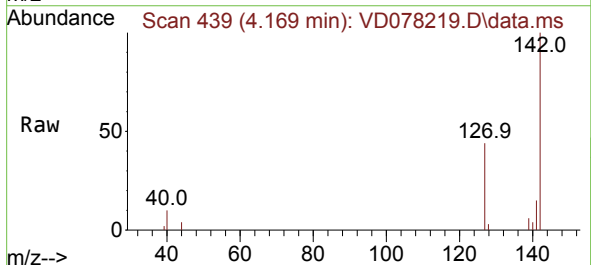
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

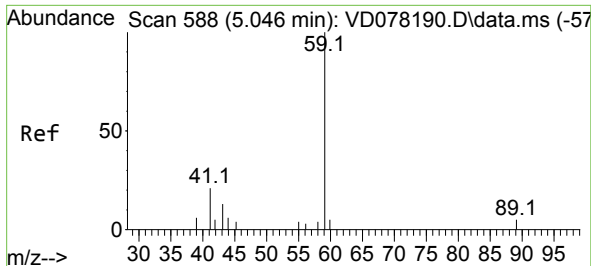
Tgt Ion:101 Resp: 34469
Ion Ratio Lower Upper
101 100
85 45.2 33.8 50.6
151 65.1 59.8 89.6



#10
Methyl Iodide
Concen: 17.561 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:142 Resp: 28367
Ion Ratio Lower Upper
142 100
127 47.3 29.4 44.0#
141 15.9 11.1 16.7

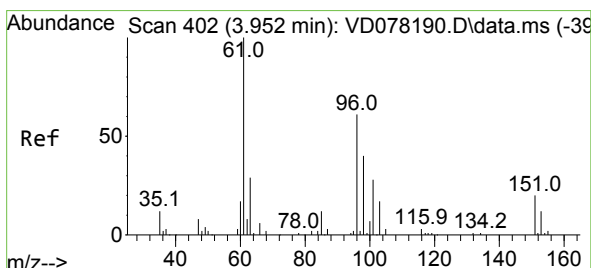
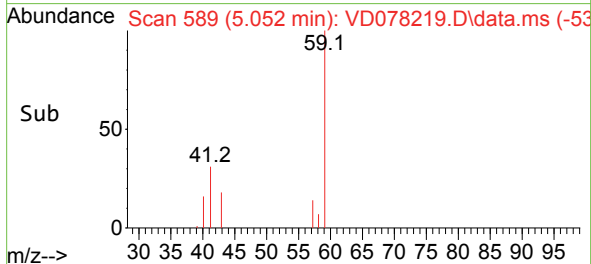
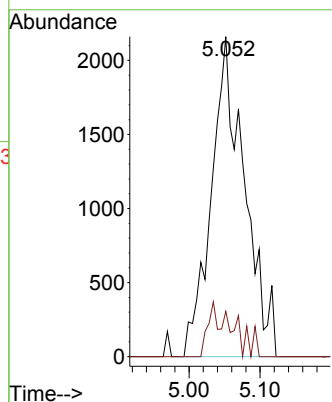
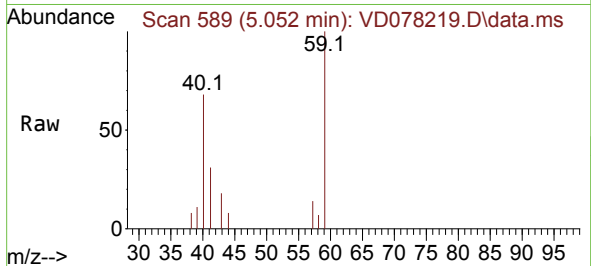




#11
Tert butyl alcohol
Concen: 96.532 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

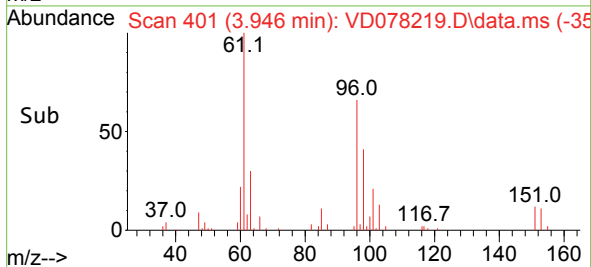
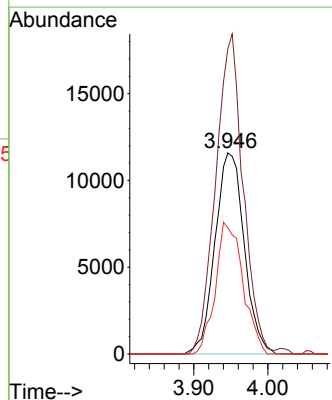
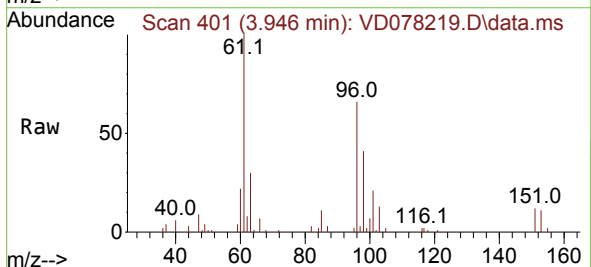
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

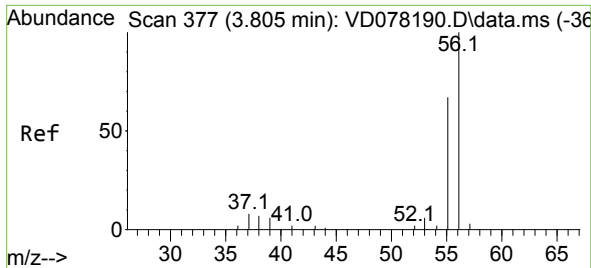
Tgt Ion: 59 Resp: 6998
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.852 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 96 Resp: 31690
Ion Ratio Lower Upper
96 100
61 151.9 100.6 150.8#
98 62.6 50.2 75.2





#13

Acrolein

Concen: 83.956 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

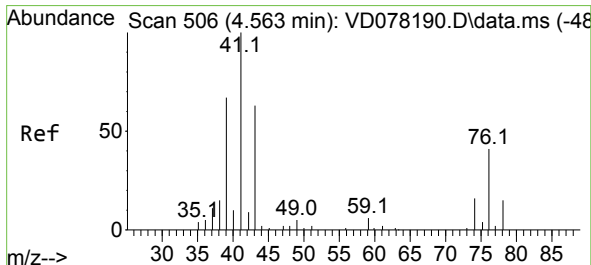
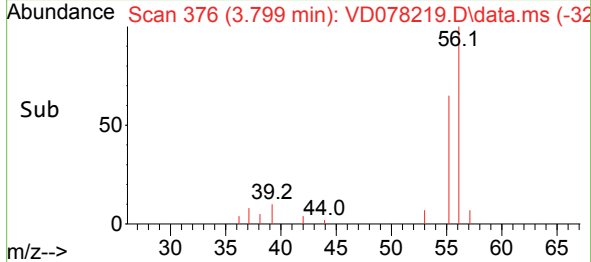
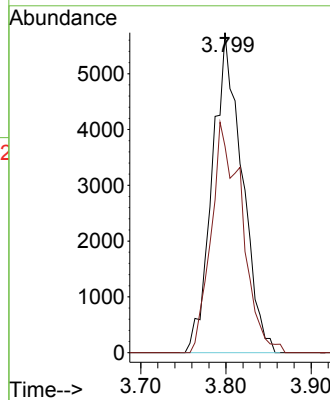
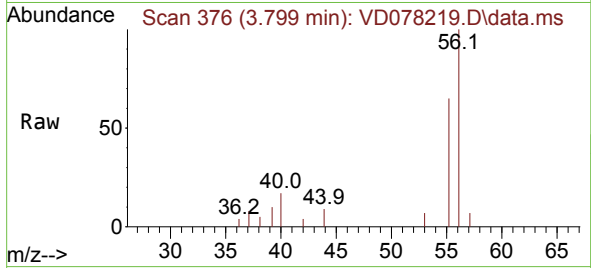
VD0124SBS01

Tgt Ion: 56 Resp: 13972

Ion Ratio Lower Upper

56 100

55 74.4 55.1 82.7



#14

Allyl chloride

Concen: 19.850 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

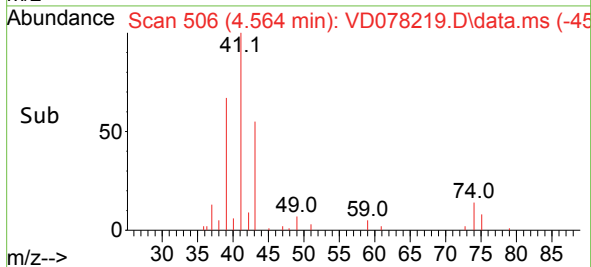
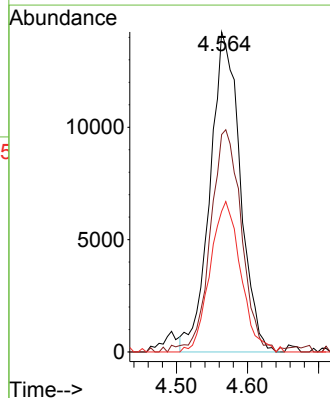
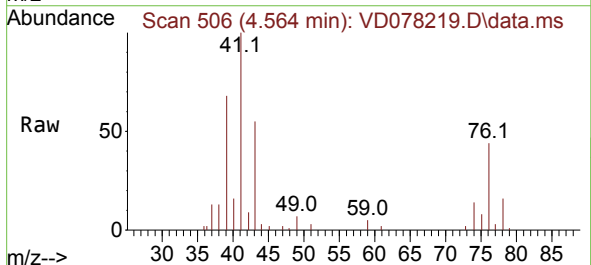
Tgt Ion: 41 Resp: 41795

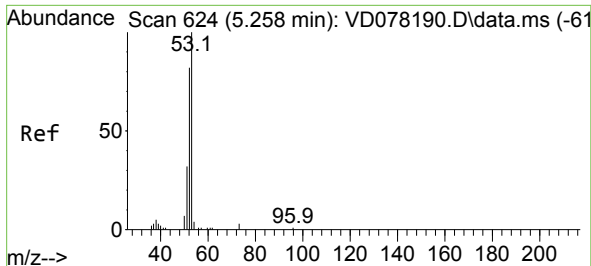
Ion Ratio Lower Upper

41 100

39 71.8 53.8 80.6

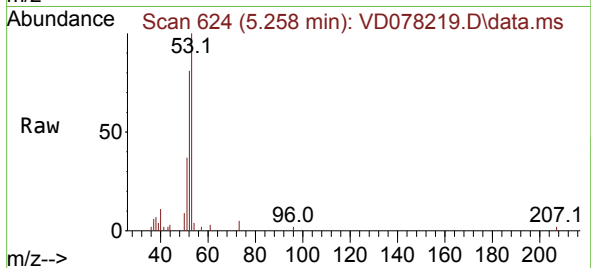
76 48.1 45.8 68.8



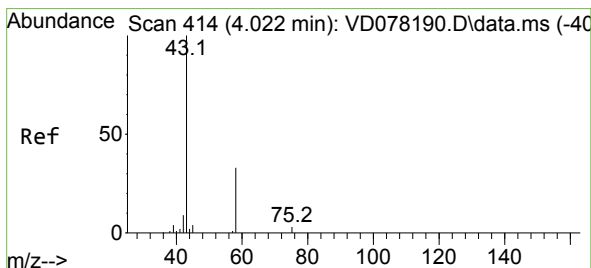
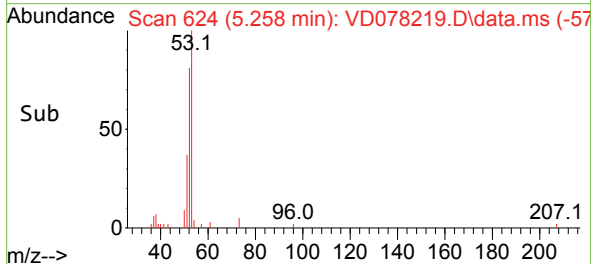
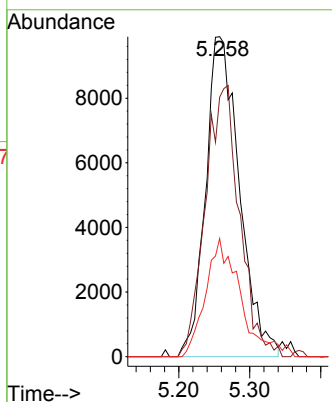


#15
Acrylonitrile
Concen: 94.842 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

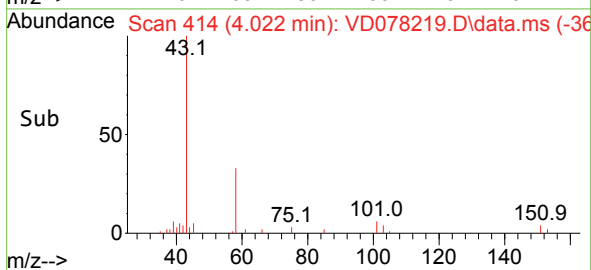
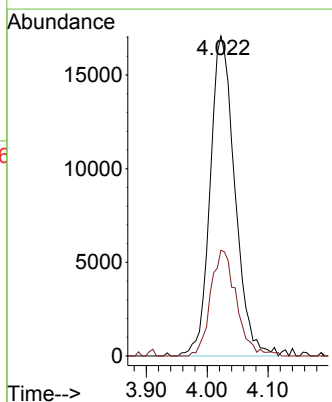
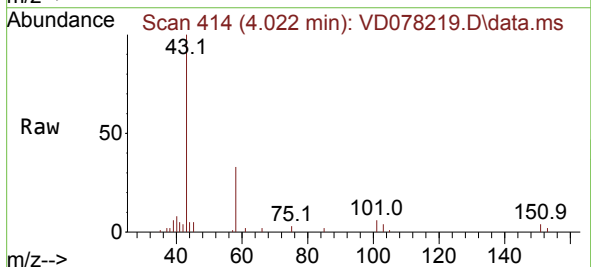


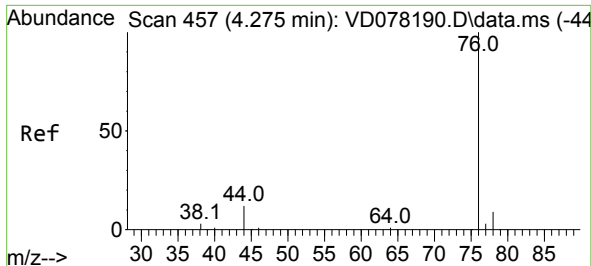
Tgt Ion:	53	Resp:	32824
Ion	Ratio	Lower	Upper
53	100		
52	85.5	65.0	97.4
51	38.3	28.3	42.5



#16
Acetone
Concen: 119.568 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:	43	Resp:	48173
Ion	Ratio	Lower	Upper
43	100		
58	33.0	34.7	52.1#

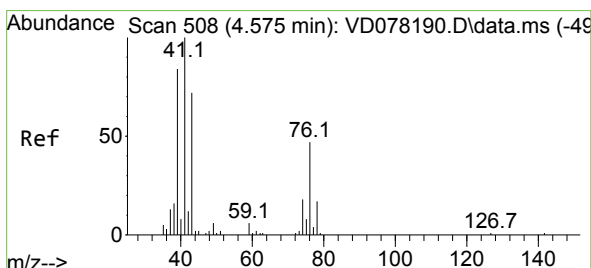
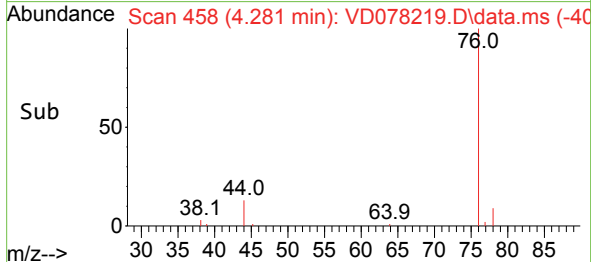
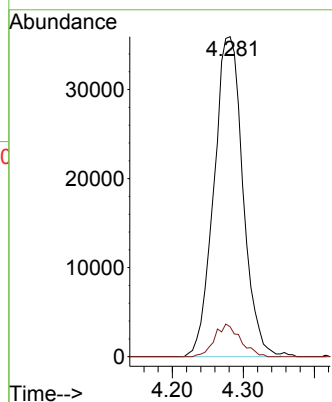
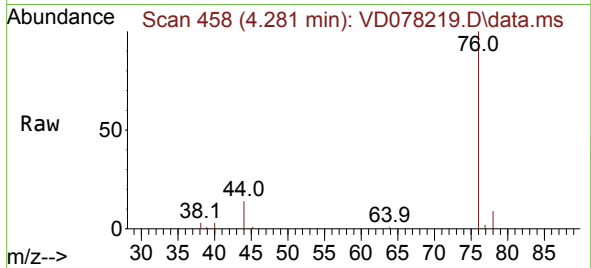




#17
Carbon Disulfide
Concen: 19.664 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

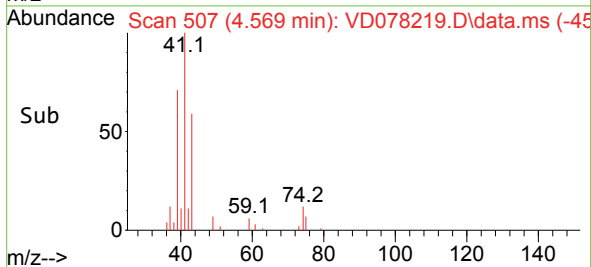
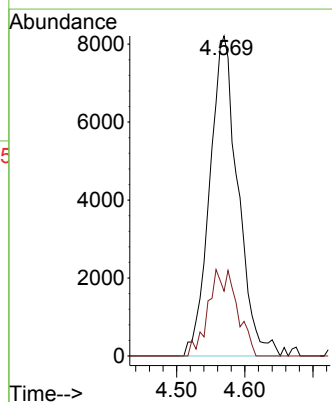
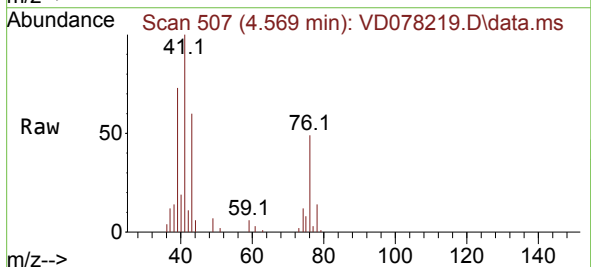
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

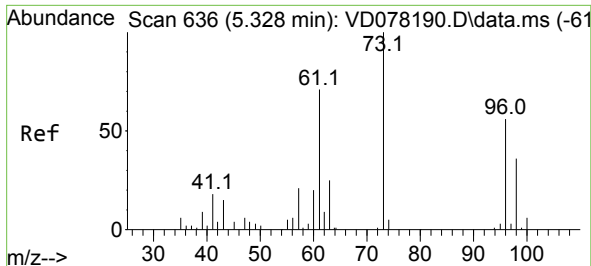
Tgt Ion: 76 Resp: 101785
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 18.664 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 43 Resp: 23646
Ion Ratio Lower Upper
43 100
74 15.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 18.525 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

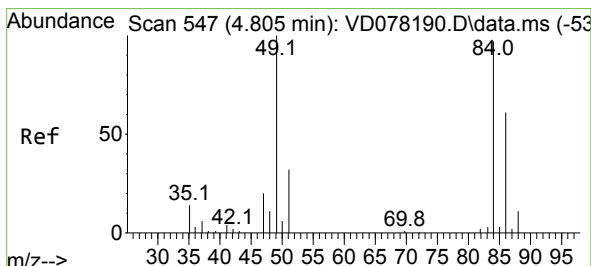
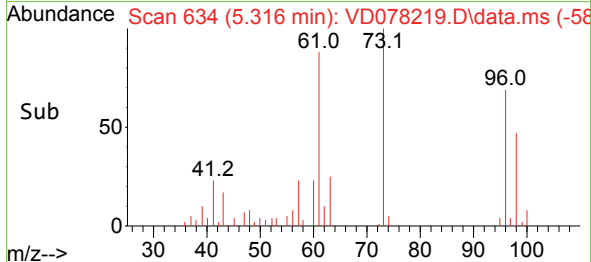
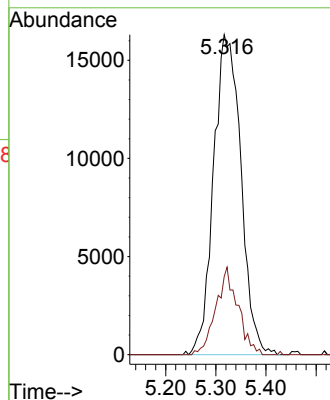
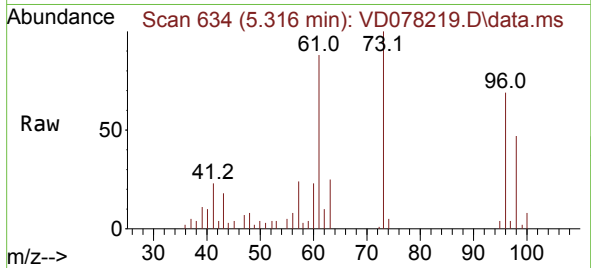
VD0124SBS01

Tgt Ion: 73 Resp: 61664

Ion Ratio Lower Upper

73 100

57 24.4 16.6 25.0



#20

Methylene Chloride

Concen: 21.253 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Tgt Ion: 84 Resp: 42489

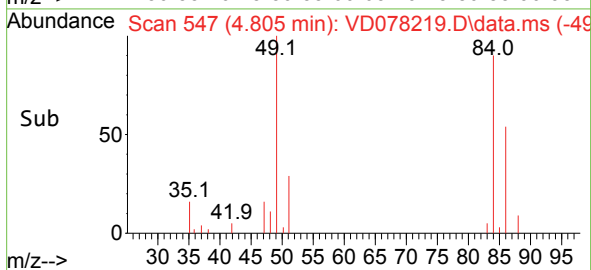
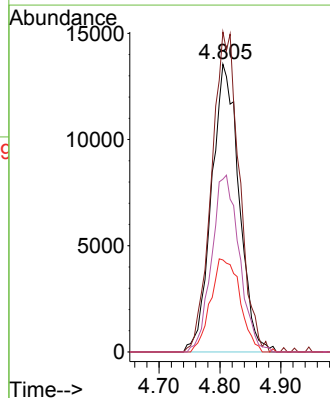
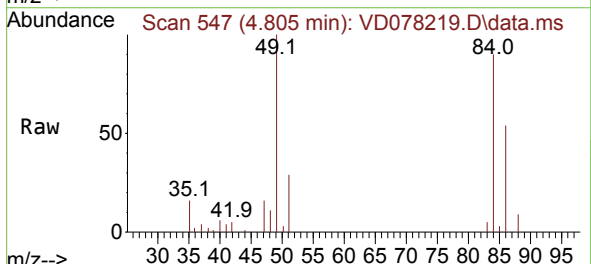
Ion Ratio Lower Upper

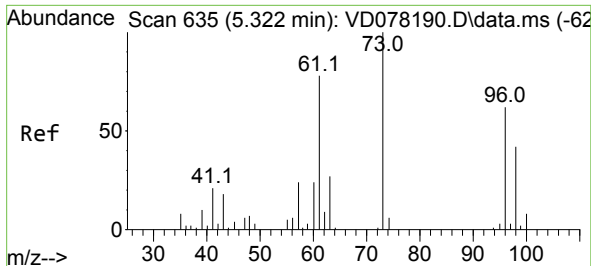
84 100

49 111.2 71.4 107.2#

51 32.0 24.5 36.7

86 60.1 48.7 73.1

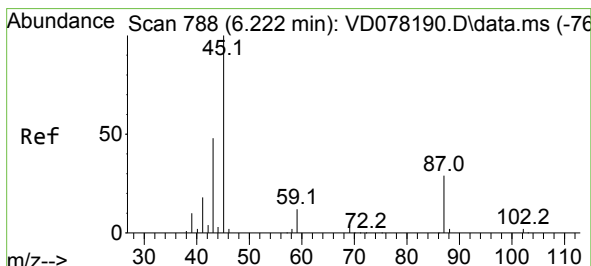
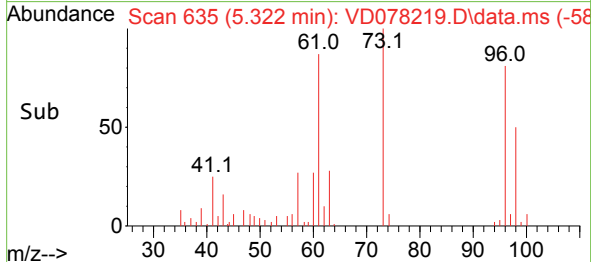
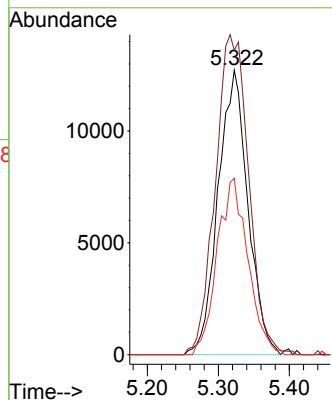
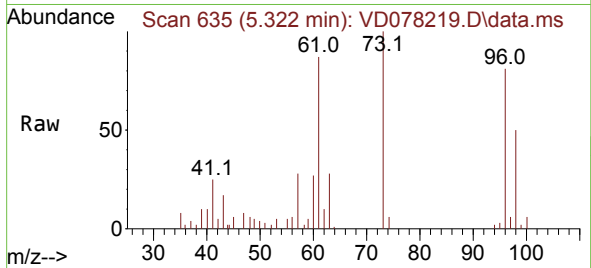




#21
trans-1,2-Dichloroethene
Concen: 20.093 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

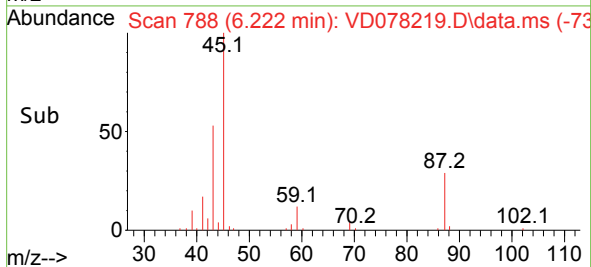
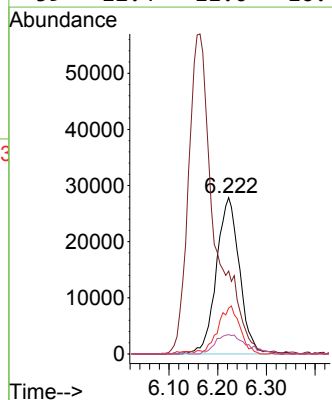
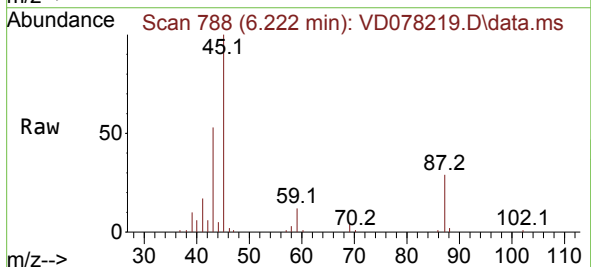
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

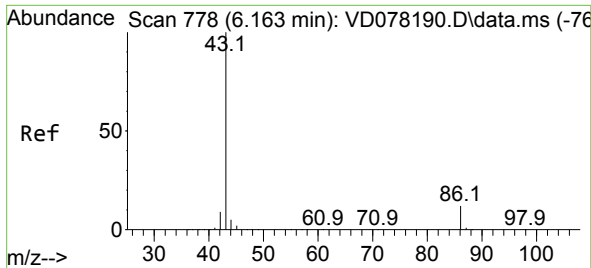
Tgt Ion: 96 Resp: 37064
Ion Ratio Lower Upper
96 100
61 106.9 89.3 133.9
98 62.0 48.6 73.0



#22
Diisopropyl ether
Concen: 20.613 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 45 Resp: 91840
Ion Ratio Lower Upper
45 100
43 52.2 40.0 60.0
87 29.4 28.2 42.4
59 12.4 11.0 16.4

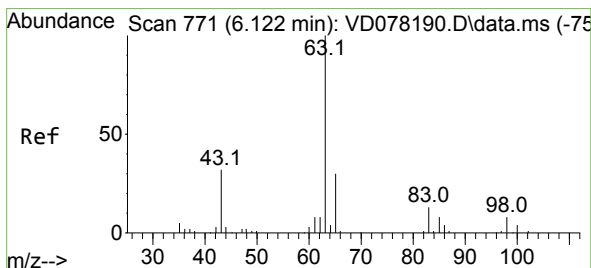
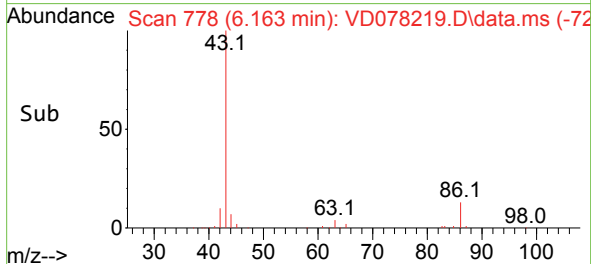
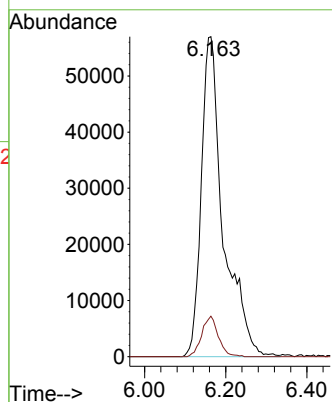
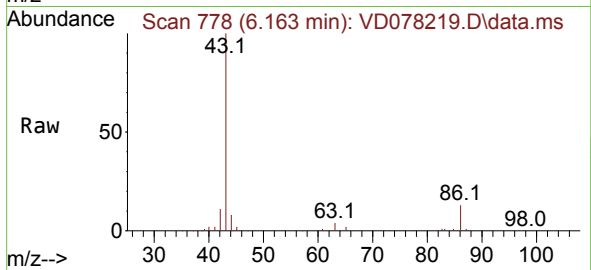




#23
 Vinyl Acetate
 Concen: 97.707 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

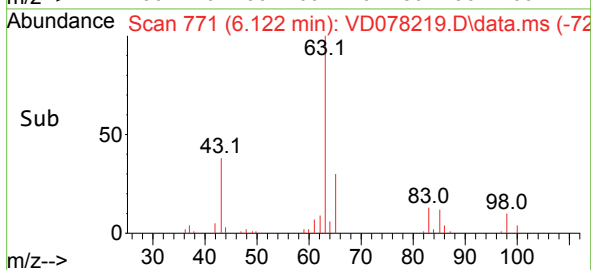
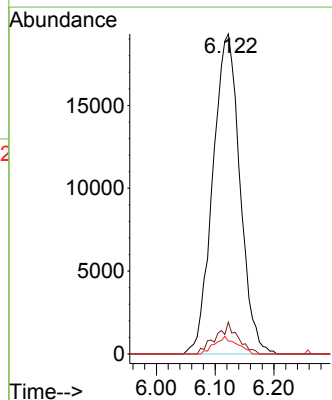
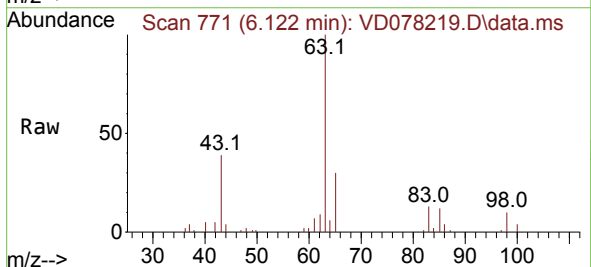
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

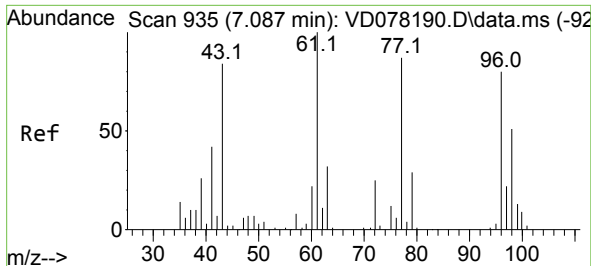
Tgt Ion: 43 Resp: 214482
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 20.089 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

Tgt Ion: 63 Resp: 61848
 Ion Ratio Lower Upper
 63 100
 98 10.0 4.5 13.7
 100 4.1 2.5 7.5

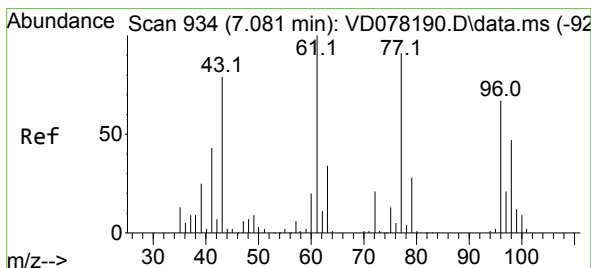
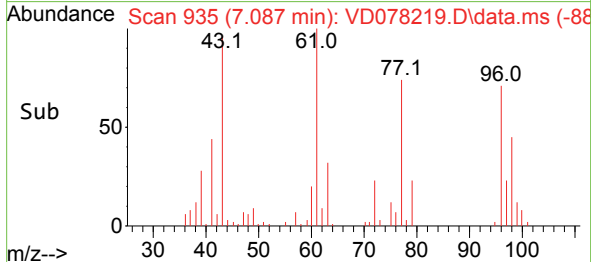
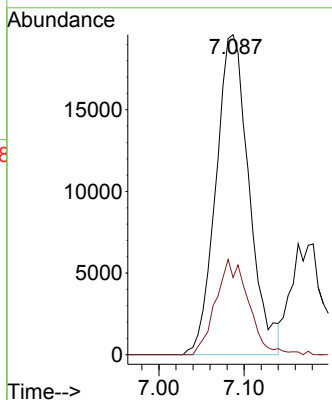
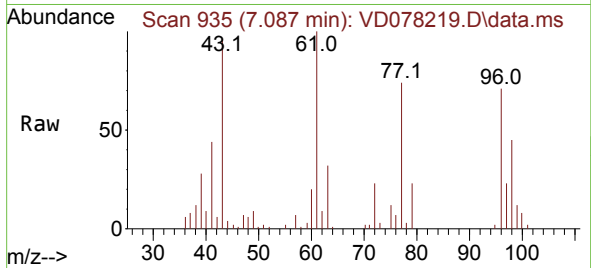




#25
2-Butanone
Concen: 108.301 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

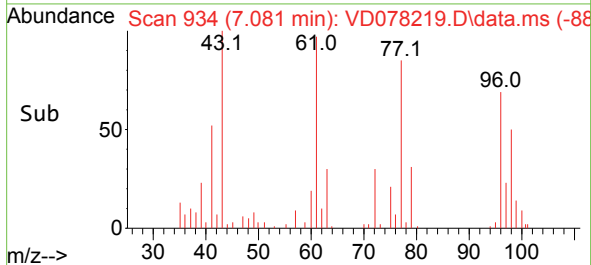
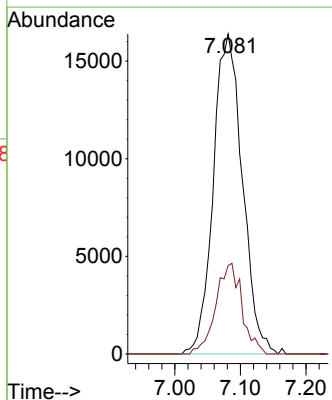
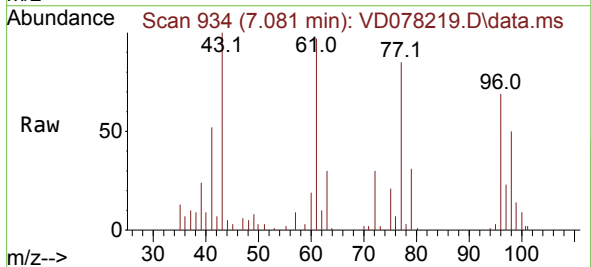
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

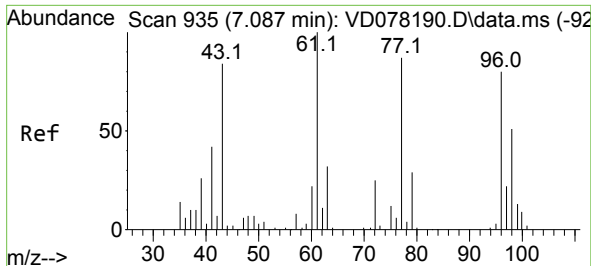
Tgt Ion: 43 Resp: 52953
Ion Ratio Lower Upper
43 100
72 24.1 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 19.562 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 77 Resp: 50452
Ion Ratio Lower Upper
77 100
97 25.5 13.2 39.6

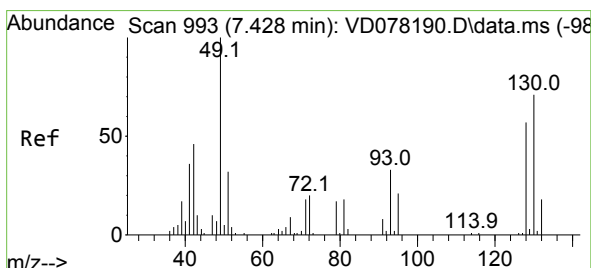
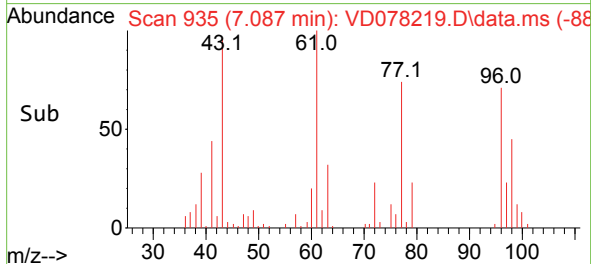
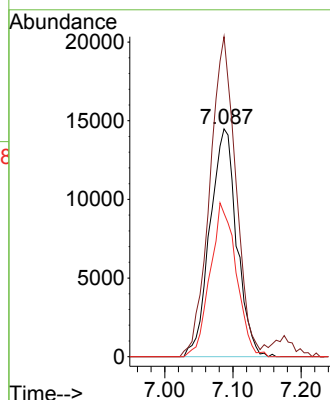
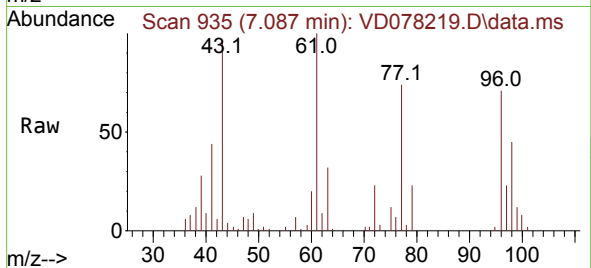




#27
 cis-1,2-Dichloroethene
 Concen: 20.001 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

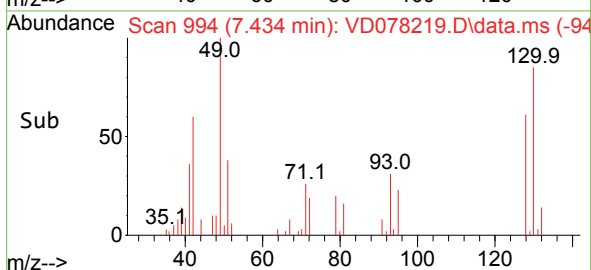
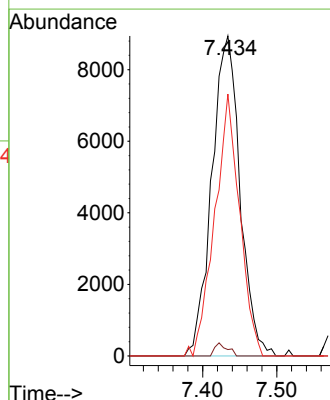
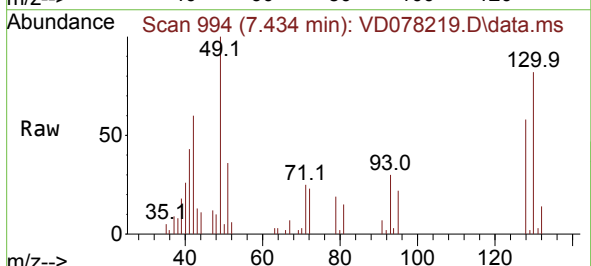
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

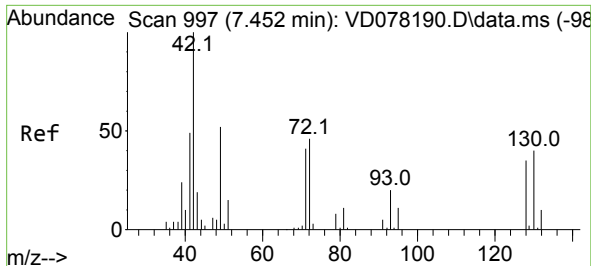
Tgt Ion: 96 Resp: 39630
 Ion Ratio Lower Upper
 96 100
 61 136.5 0.0 239.2
 98 65.7 0.0 128.6



#28
 Bromochloromethane
 Concen: 19.715 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

Tgt Ion: 49 Resp: 23673
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 6.0
 130 72.2 83.2 124.8#





#29

Tetrahydrofuran

Concen: 98.368 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

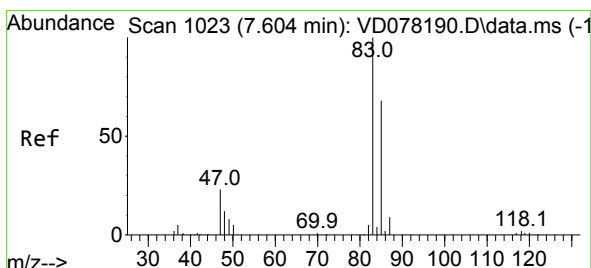
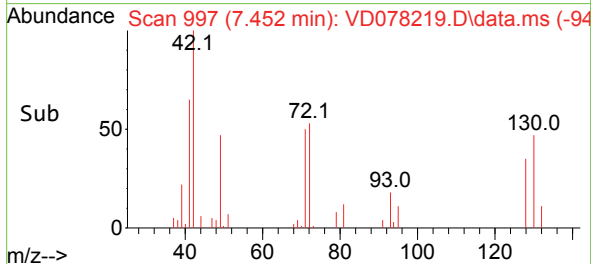
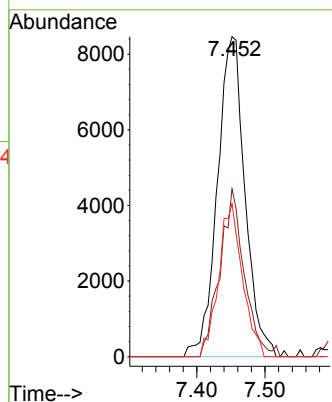
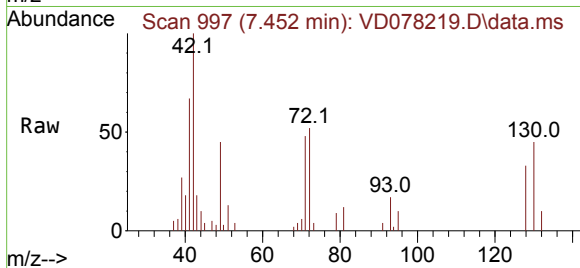
Tgt Ion: 42 Resp: 23897

Ion Ratio Lower Upper

42 100

72 46.5 46.5 69.7

71 41.2 44.5 66.7#



#30

Chloroform

Concen: 20.147 ug/l

RT: 7.605 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VD078219.D

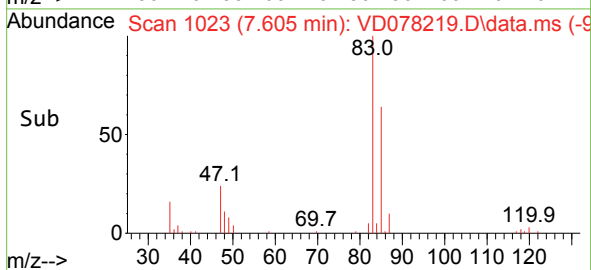
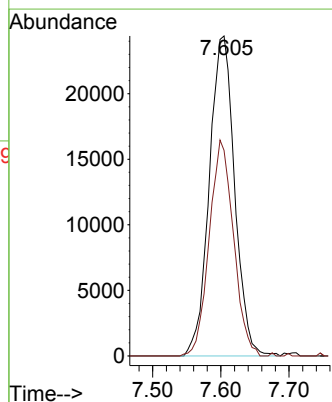
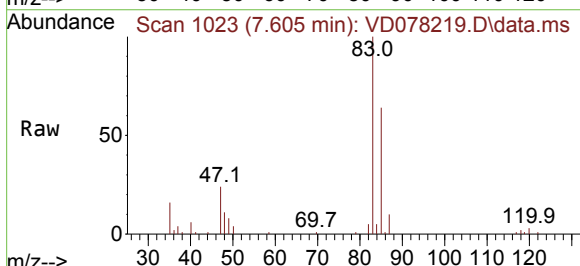
Acq: 24 Jan 2024 13:01

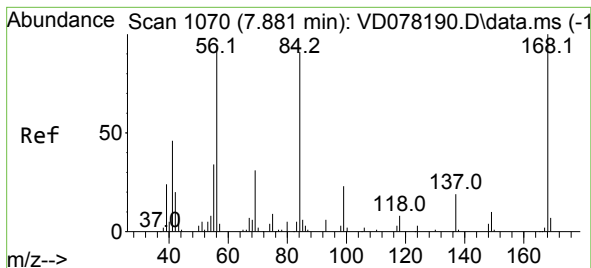
Tgt Ion: 83 Resp: 63082

Ion Ratio Lower Upper

83 100

85 64.3 53.4 80.2





#31

Cyclohexane

Concen: 19.571 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

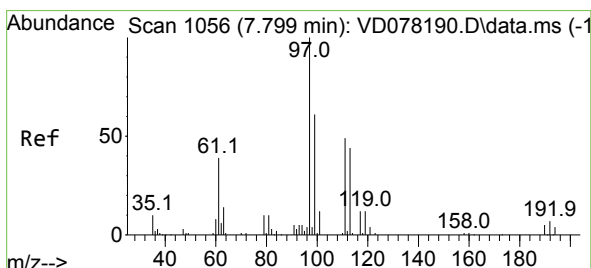
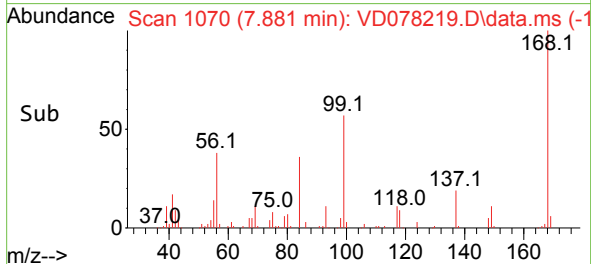
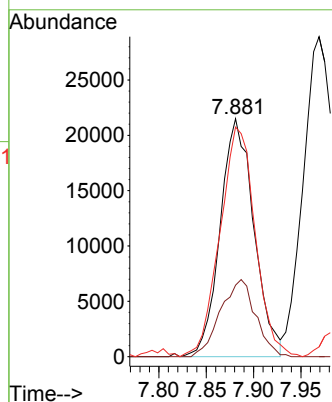
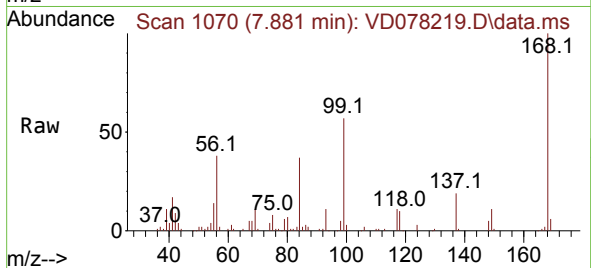
Tgt Ion: 56 Resp: 53284

Ion Ratio Lower Upper

56 100

69 30.1 28.6 43.0

84 96.5 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 19.857 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

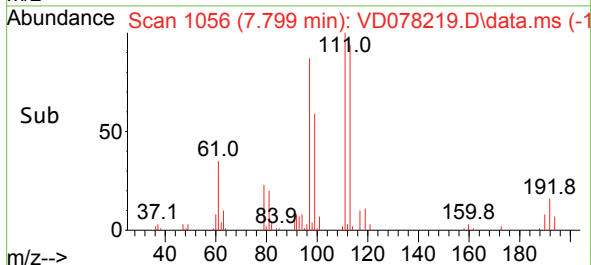
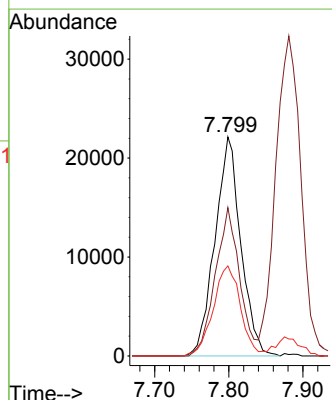
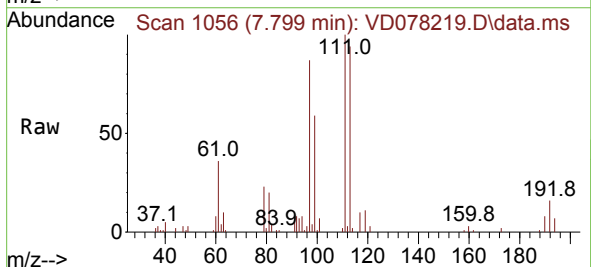
Tgt Ion: 97 Resp: 53706

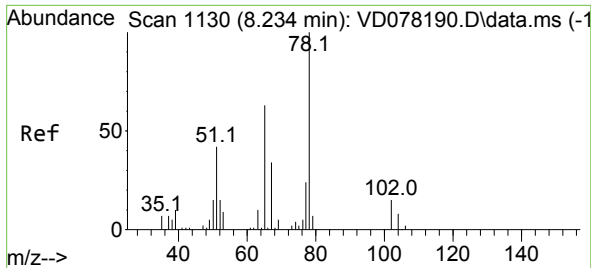
Ion Ratio Lower Upper

97 100

99 64.1 52.0 78.0

61 43.5 33.8 50.8

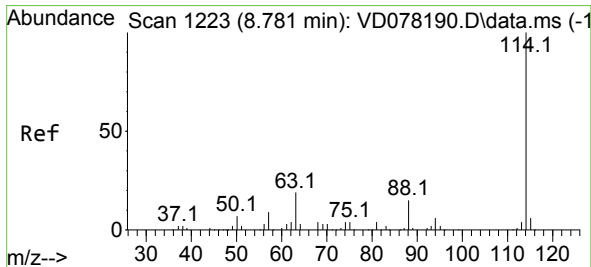
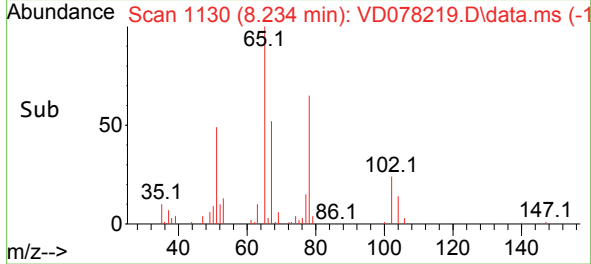
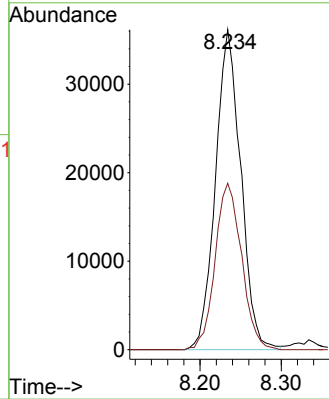
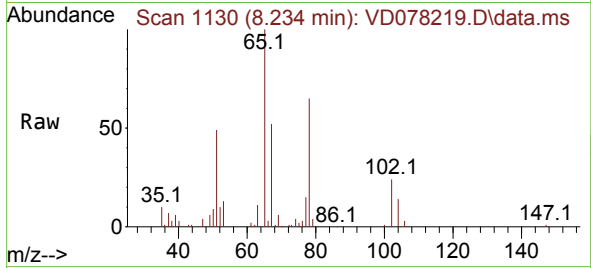




#33
1,2-Dichloroethane-d4
Concen: 53.185 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

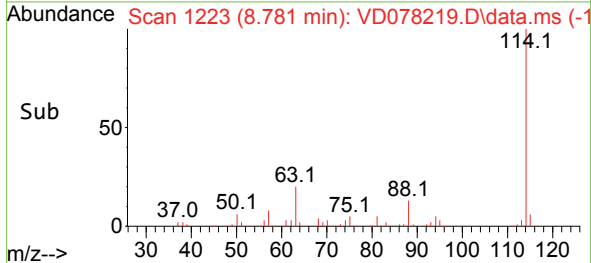
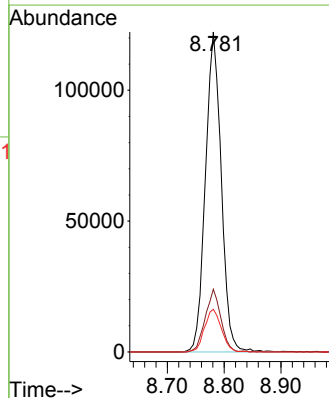
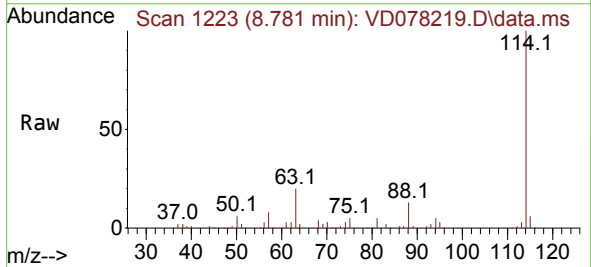
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

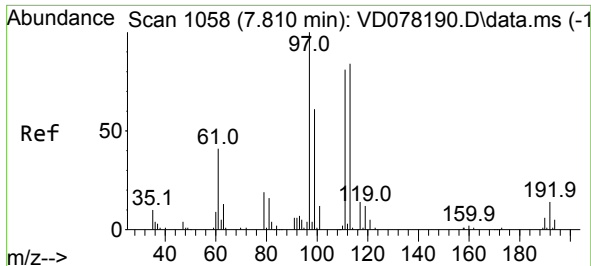
Tgt Ion: 65 Resp: 78318
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 1223
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:114 Resp: 236129
Ion Ratio Lower Upper
114 100
63 19.6 0.0 33.4
88 13.3 0.0 26.2

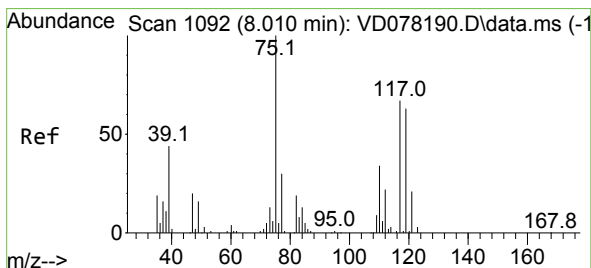
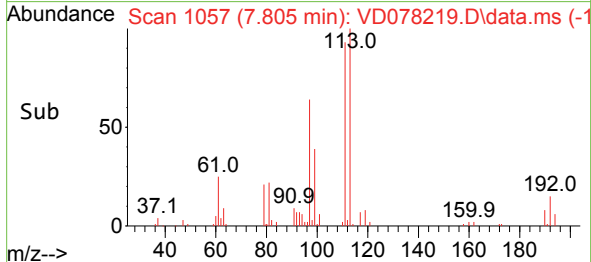
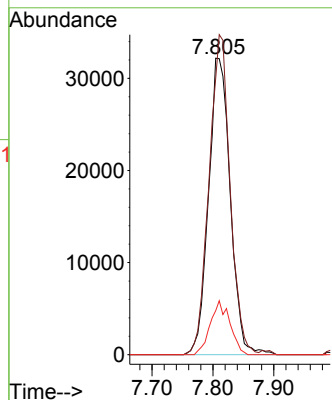
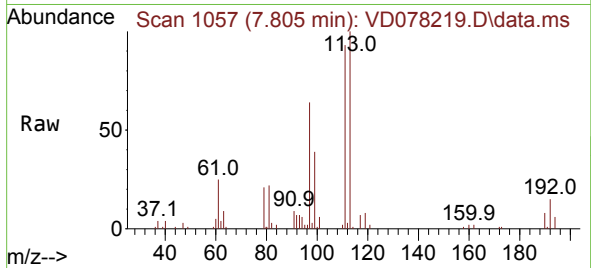




#35
Dibromofluoromethane
Concen: 51.439 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

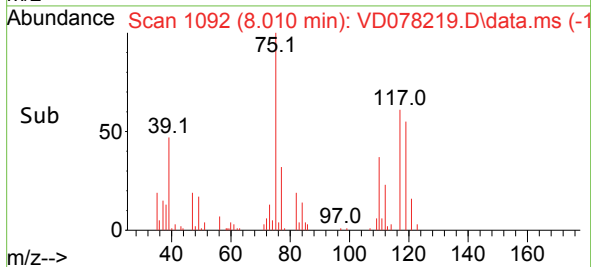
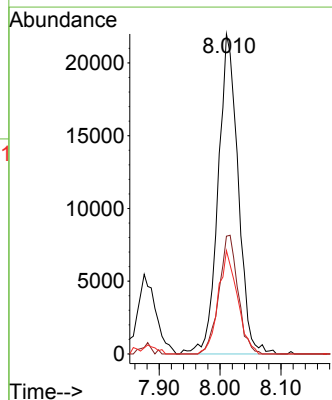
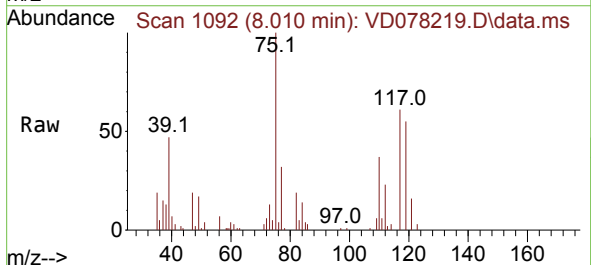
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

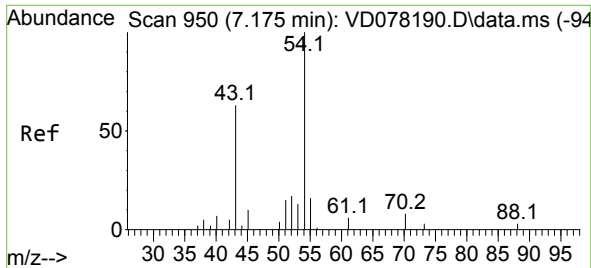
Tgt Ion:113 Resp: 79938
Ion Ratio Lower Upper
113 100
111 104.4 84.7 127.1
192 16.4 16.8 25.2#



#36
1,1-Dichloropropene
Concen: 19.647 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

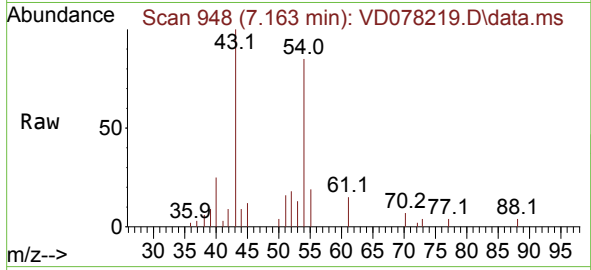
Tgt Ion: 75 Resp: 50210
Ion Ratio Lower Upper
75 100
110 35.2 19.9 59.6
77 30.9 24.7 37.1



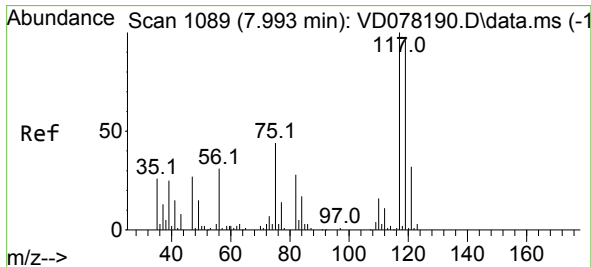
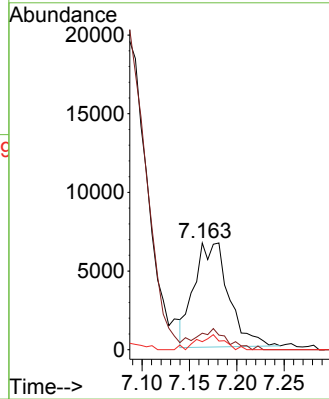
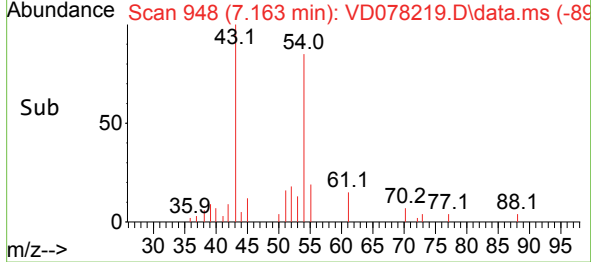


#37
Ethyl Acetate
Concen: 17.742 ug/l
RT: 7.163 min Scan# 94
Delta R.T. -0.012 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

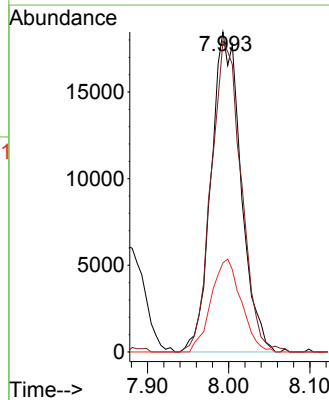
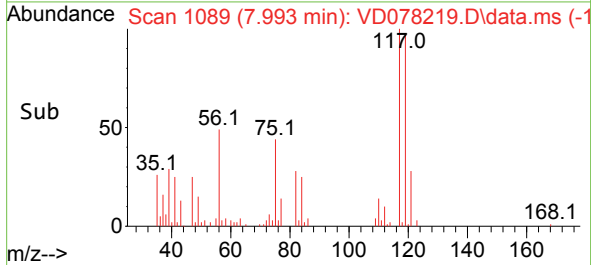
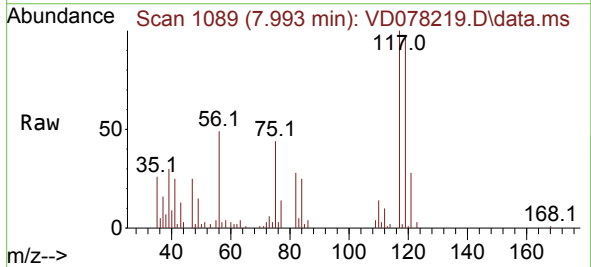


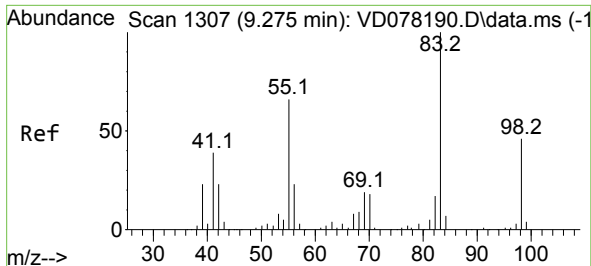
Tgt Ion: 43 Resp: 16879
Ion Ratio Lower Upper
43 100
61 15.7 14.9 22.3
70 10.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 18.654 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 117 Resp: 47081
Ion Ratio Lower Upper
117 100
119 97.1 78.0 117.0
121 27.8 24.2 36.2





#39

Methylcyclohexane

Concen: 19.125 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

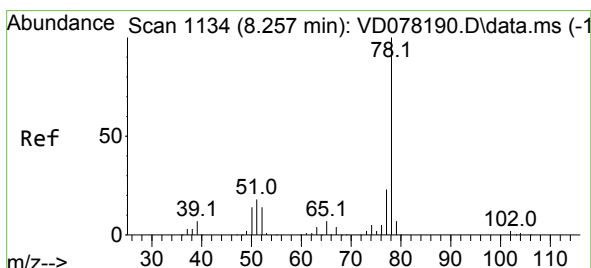
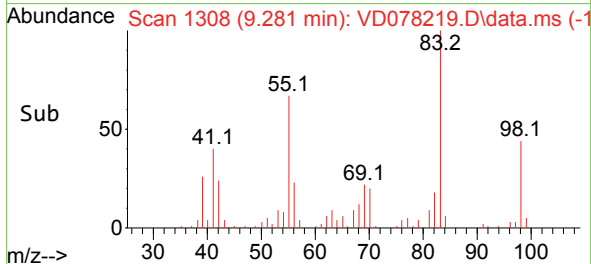
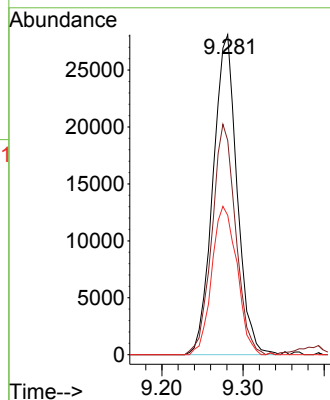
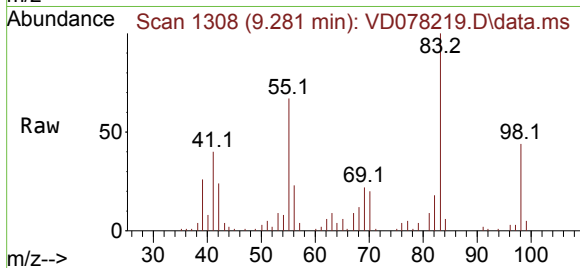
Tgt Ion: 83 Resp: 57802

Ion Ratio Lower Upper

83 100

55 67.0 49.4 74.0

98 43.5 38.4 57.6



#40

Benzene

Concen: 20.271 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078219.D

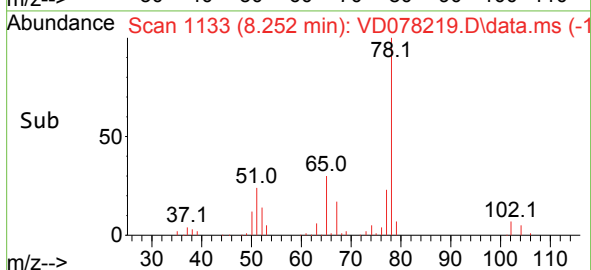
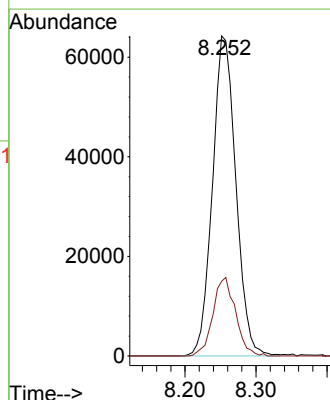
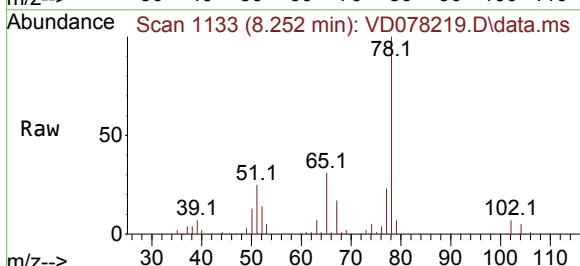
Acq: 24 Jan 2024 13:01

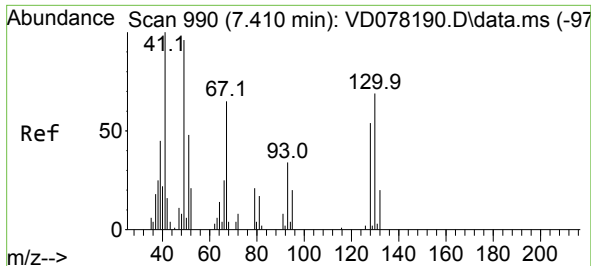
Tgt Ion: 78 Resp: 147008

Ion Ratio Lower Upper

78 100

77 23.4 19.4 29.0

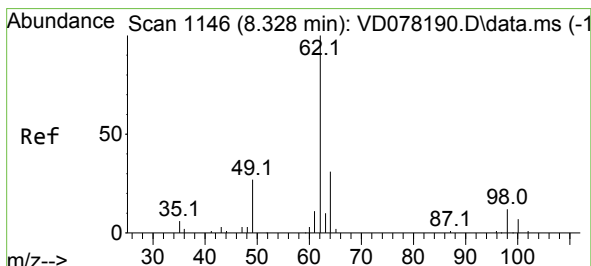
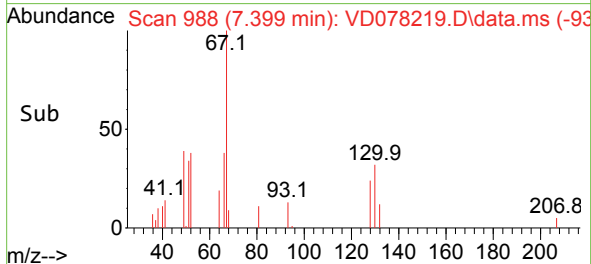
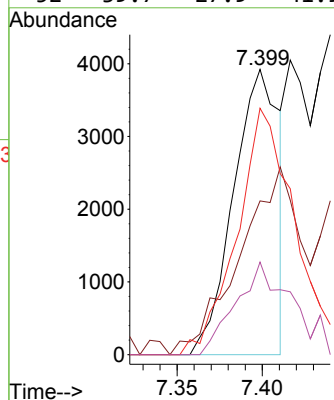
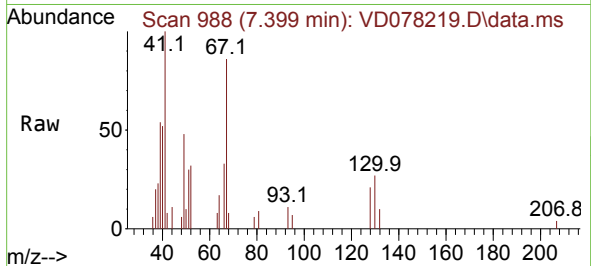




#41
Methacrylonitrile
Concen: 13.995 ug/l
RT: 7.399 min Scan# 911
Delta R.T. -0.012 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

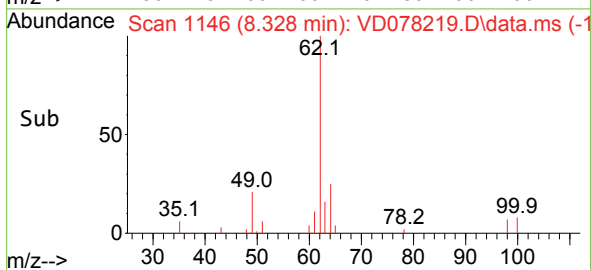
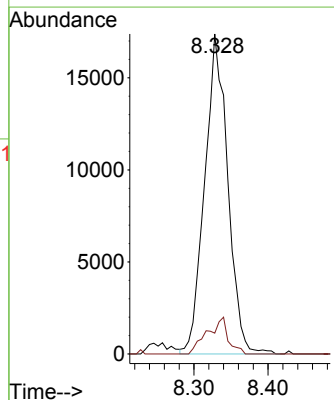
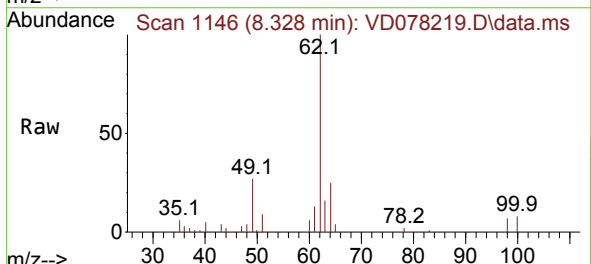
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

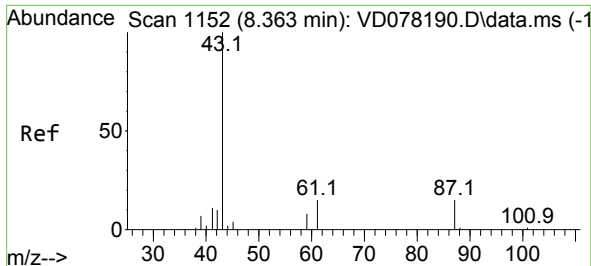
Tgt Ion: 41 Resp: 7311
Ion Ratio Lower Upper
41 100
39 86.7 34.0 51.0#
67 109.2 77.0 115.4
52 39.7 27.9 41.9



#42
1,2-Dichloroethane
Concen: 19.937 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 62 Resp: 37619
Ion Ratio Lower Upper
62 100
98 10.3 0.0 25.4

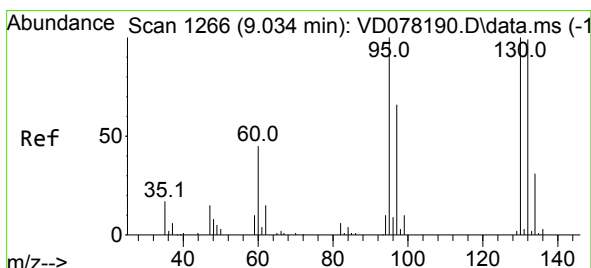
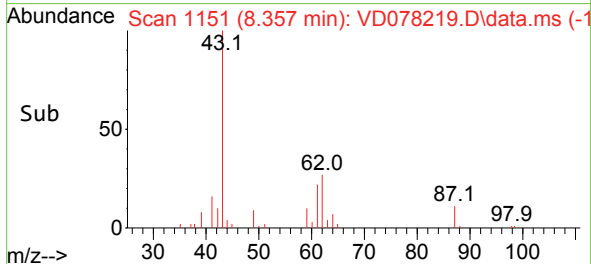
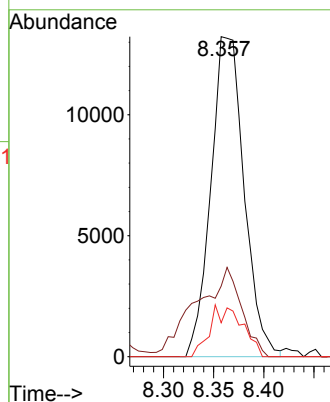
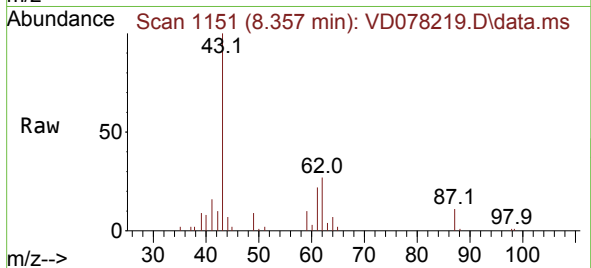




#43
Isopropyl Acetate
Concen: 17.514 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

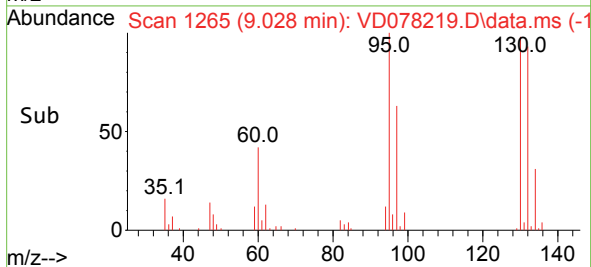
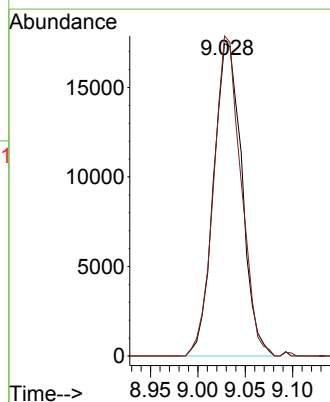
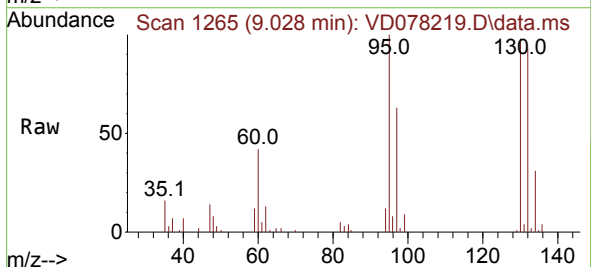
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

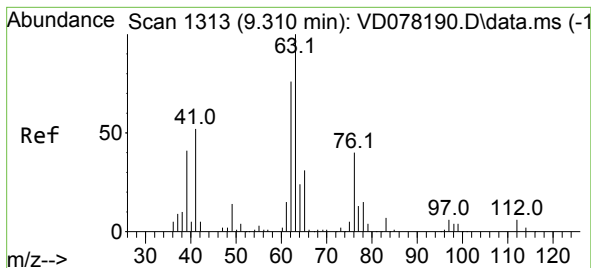
Tgt Ion: 43 Resp: 30527
Ion Ratio Lower Upper
43 100
61 38.1 31.4 47.0
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 19.556 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 130 Resp: 36283
Ion Ratio Lower Upper
130 100
95 102.5 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.460 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

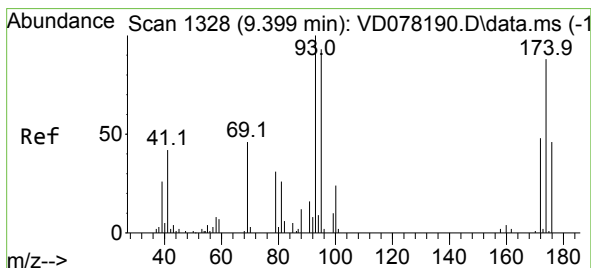
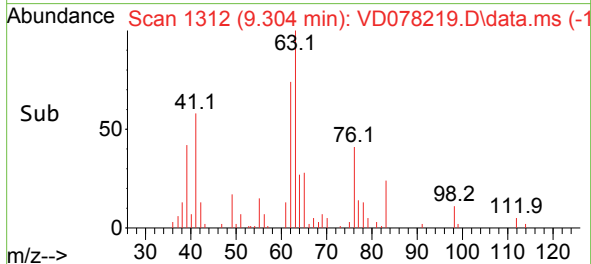
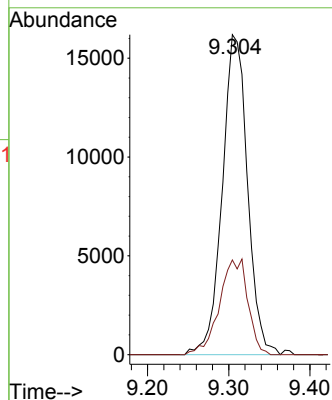
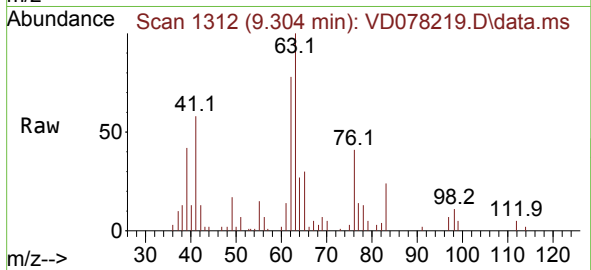
VD0124SBS01

Tgt Ion: 63 Resp: 35019

Ion Ratio Lower Upper

63 100

65 29.6 24.5 36.7



#46

Dibromomethane

Concen: 18.176 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

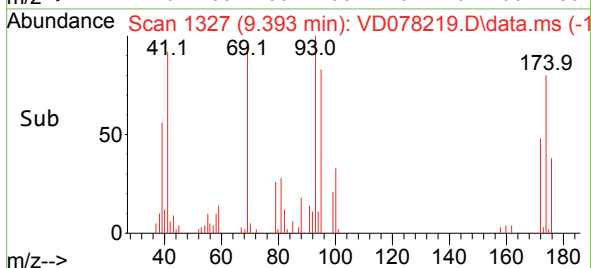
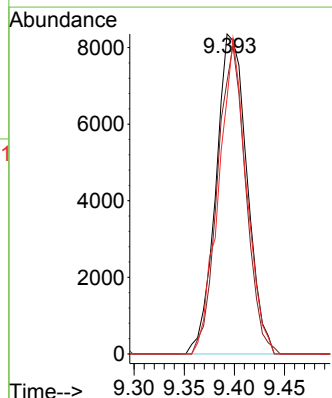
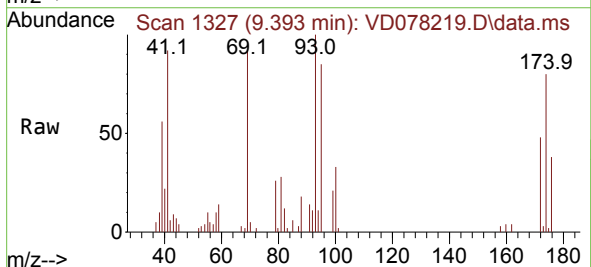
Tgt Ion: 93 Resp: 17963

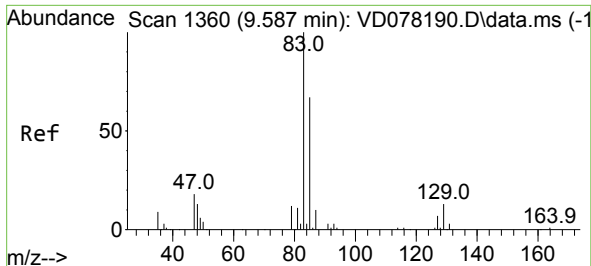
Ion Ratio Lower Upper

93 100

95 87.8 67.7 101.5

174 88.3 85.4 128.2





#47

Bromodichloromethane

Concen: 19.358 ug/l

RT: 9.587 min Scan# 1360

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

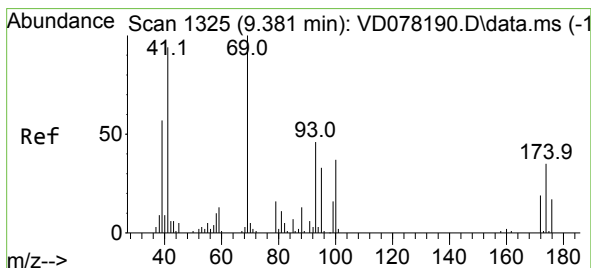
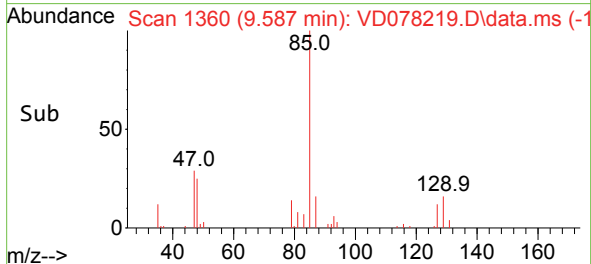
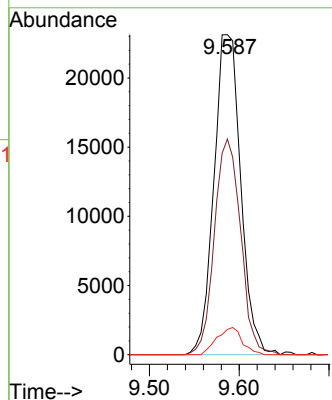
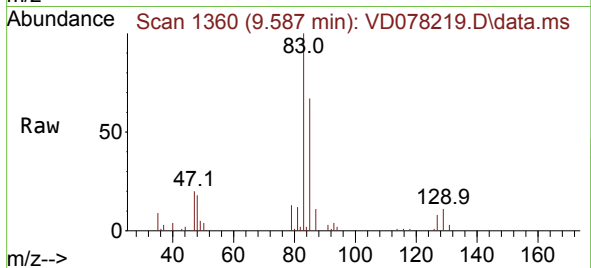
Tgt Ion: 83 Resp: 48056

Ion Ratio Lower Upper

83 100

85 67.4 50.2 75.4

127 7.9 6.3 9.5



#48

Methyl methacrylate

Concen: 18.659 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

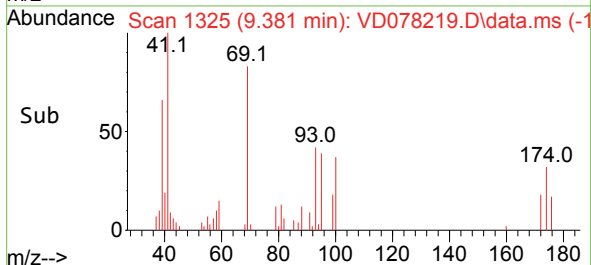
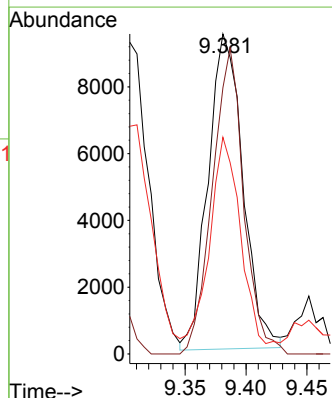
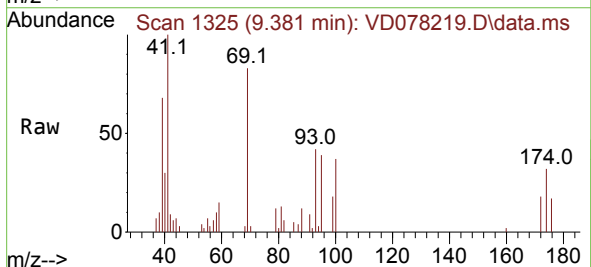
Tgt Ion: 41 Resp: 18829

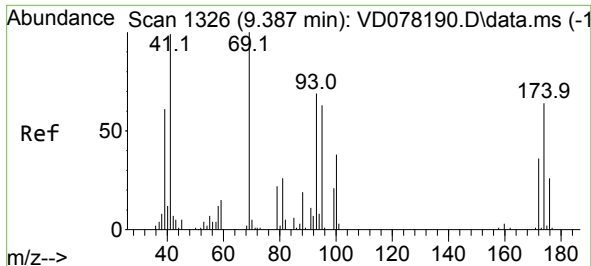
Ion Ratio Lower Upper

41 100

69 87.4 102.2 153.2#

39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 368.312 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

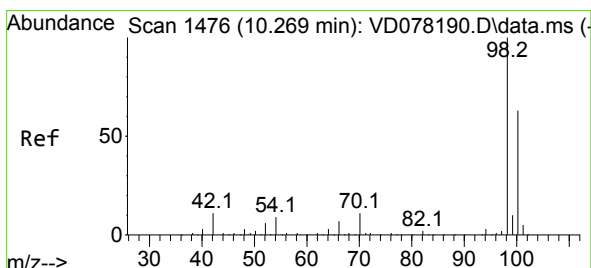
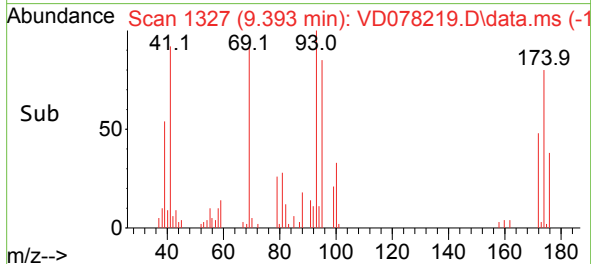
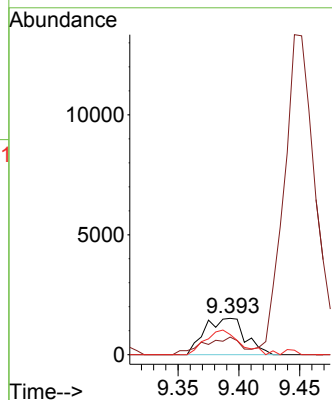
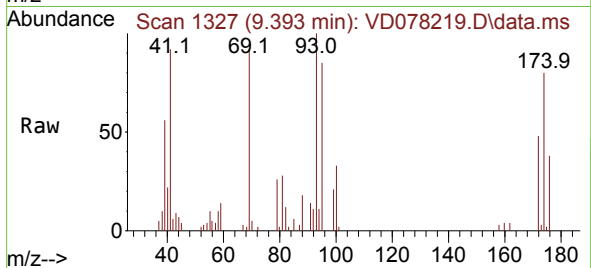
Tgt Ion: 88 Resp: 3522

Ion Ratio Lower Upper

88 100

43 45.0 19.0 28.6#

58 58.1 43.5 65.3



#50

Toluene-d8

Concen: 52.332 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078219.D

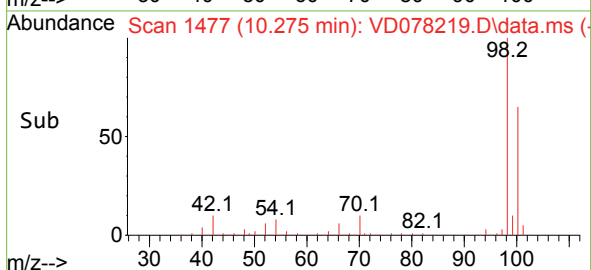
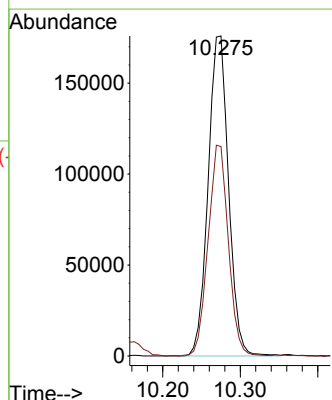
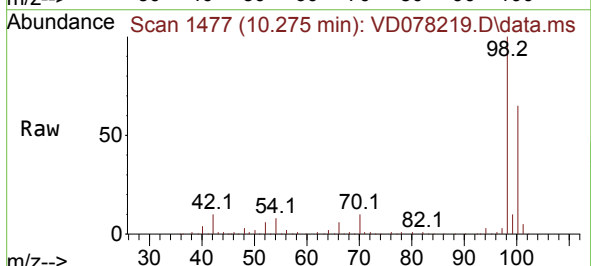
Acq: 24 Jan 2024 13:01

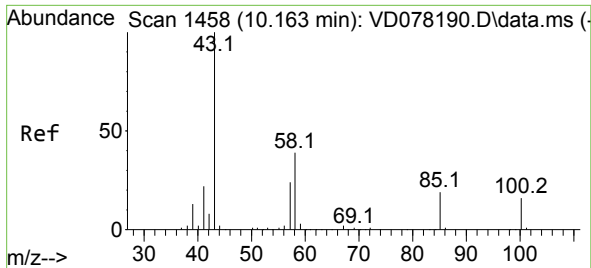
Tgt Ion: 98 Resp: 322022

Ion Ratio Lower Upper

98 100

100 64.9 50.3 75.5

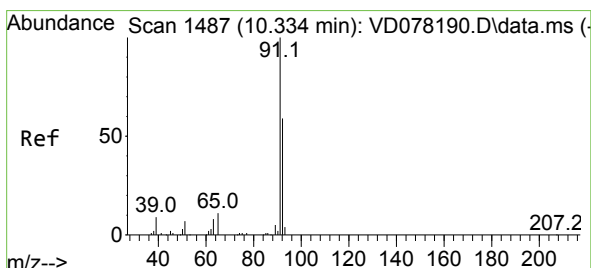
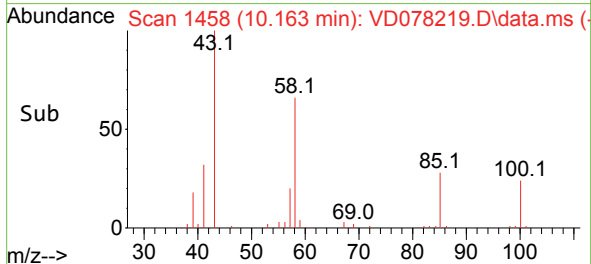
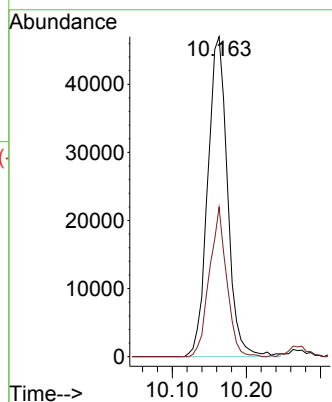
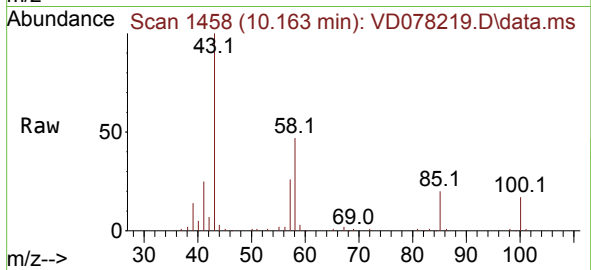




#51
4-Methyl-2-Pentanone
Concen: 95.422 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

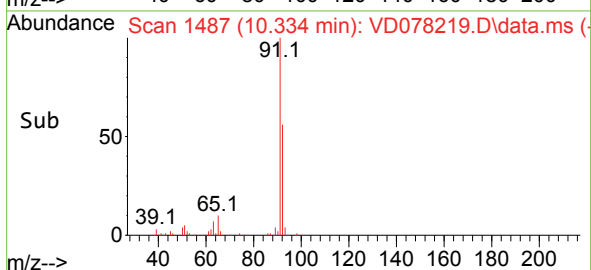
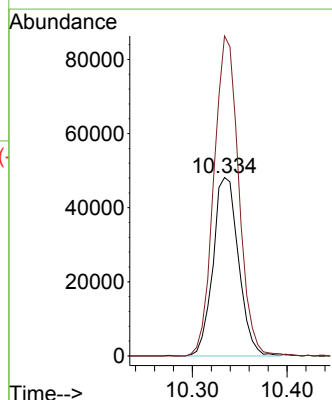
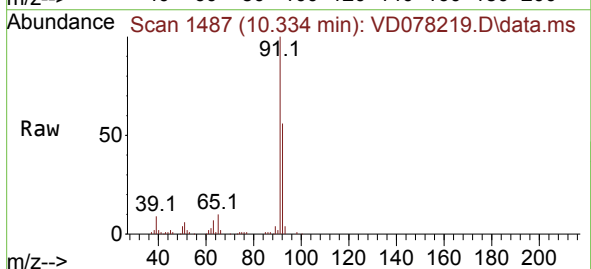
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

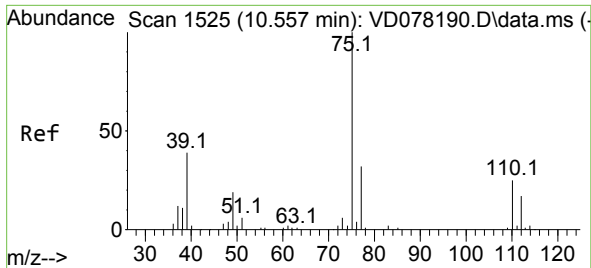
Tgt Ion: 43 Resp: 87398
Ion Ratio Lower Upper
43 100
58 40.8 38.9 58.3



#52
Toluene
Concen: 19.591 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 92 Resp: 90058
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

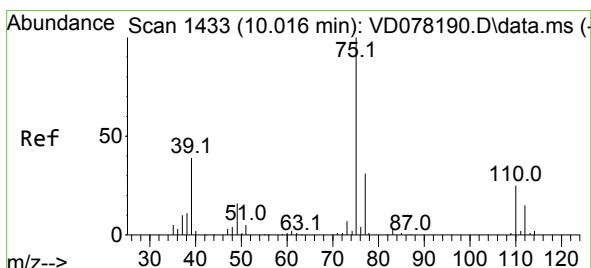
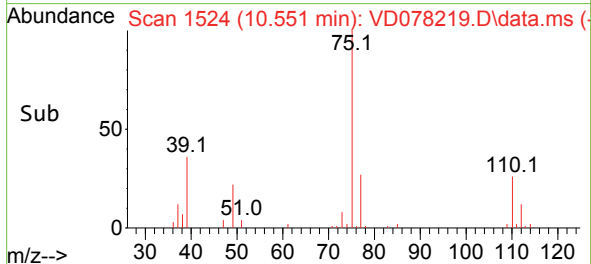
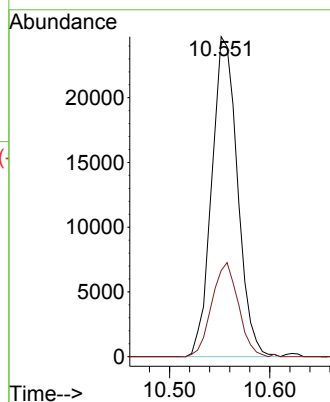
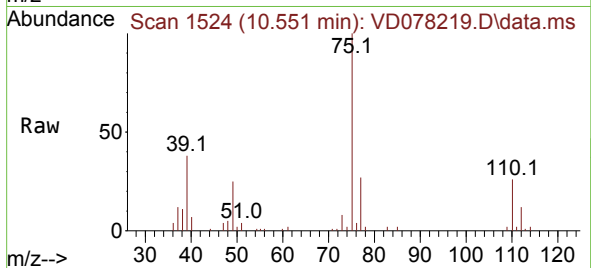




#53
t-1,3-Dichloropropene
Concen: 19.271 ug/l
RT: 10.551 min Scan# 1525
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

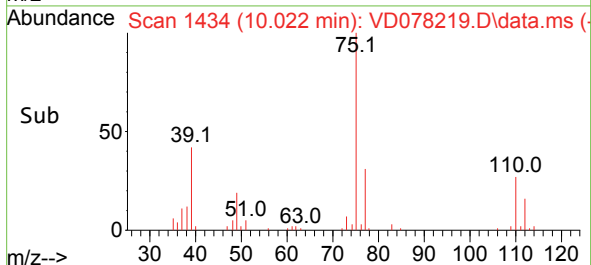
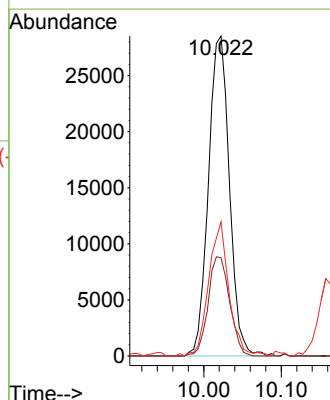
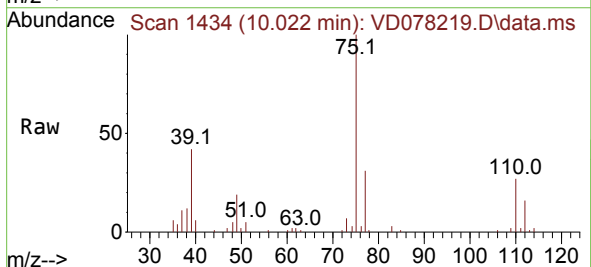
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

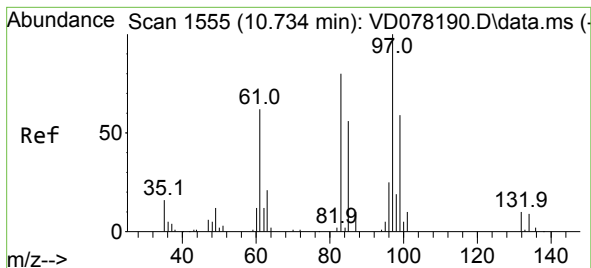
Tgt Ion: 75 Resp: 44136
Ion Ratio Lower Upper
75 100
77 26.9 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.544 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 75 Resp: 53658
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 41.1 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 19.208 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

Tgt Ion: 97 Resp: 25401

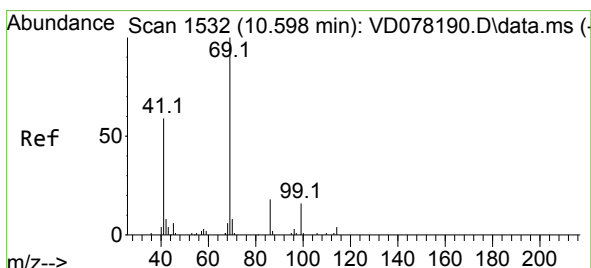
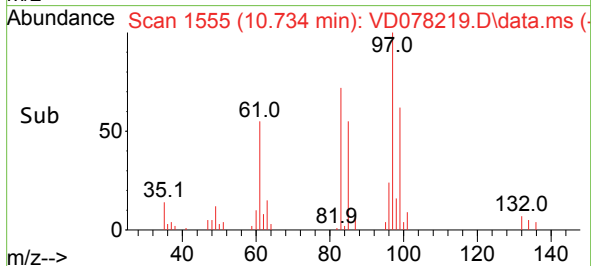
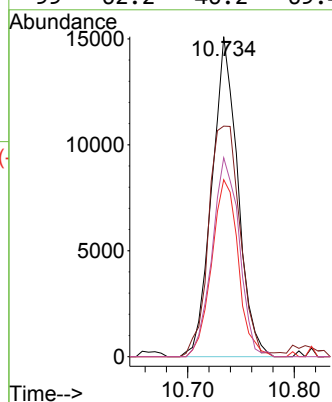
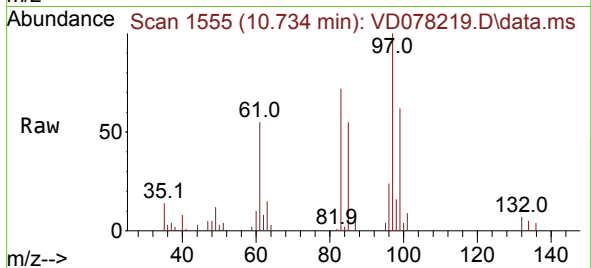
Ion Ratio Lower Upper

97 100

83 72.1 65.8 98.6

85 55.3 45.7 68.5

99 62.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 18.938 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

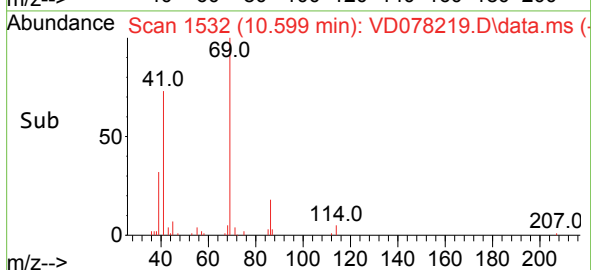
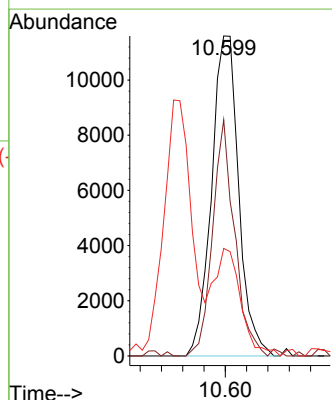
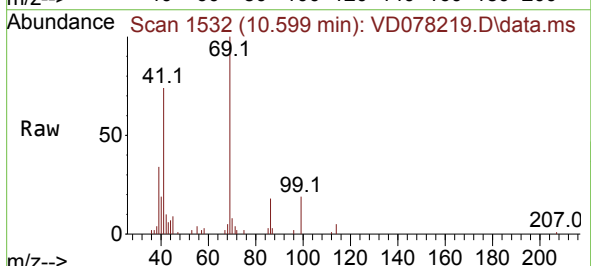
Tgt Ion: 69 Resp: 20501

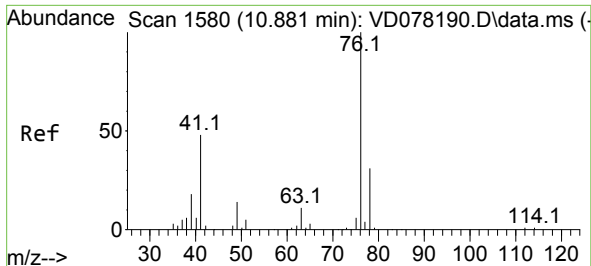
Ion Ratio Lower Upper

69 100

41 59.8 39.1 58.7#

39 33.7 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 19.725 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

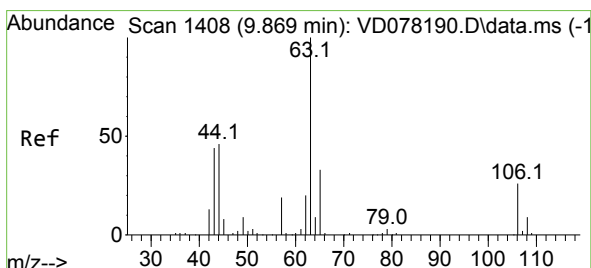
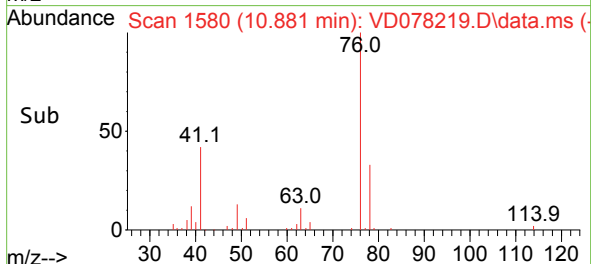
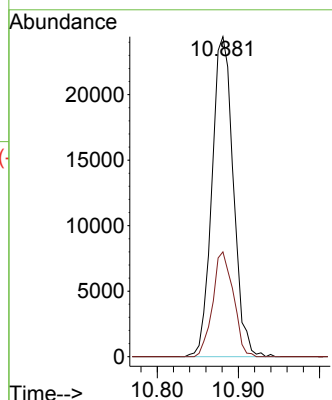
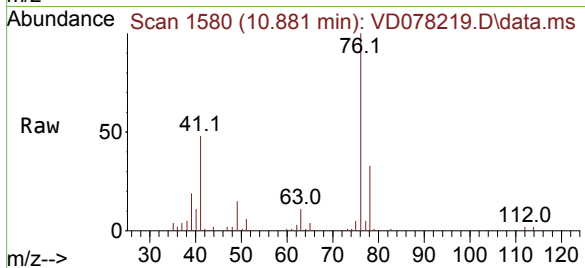
VD0124SBS01

Tgt Ion: 76 Resp: 44609

Ion Ratio Lower Upper

76 100

78 31.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.739 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078219.D

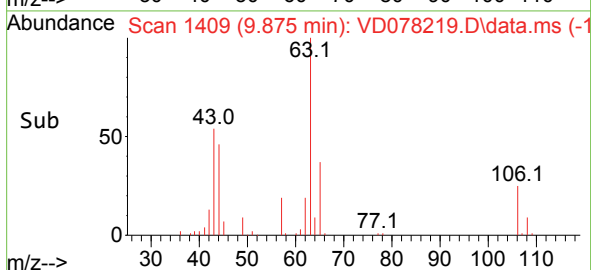
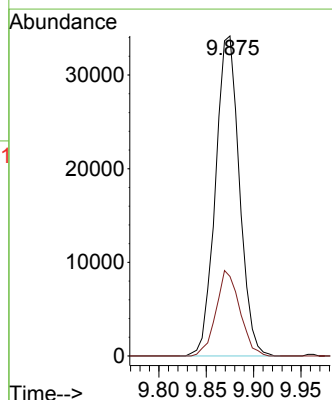
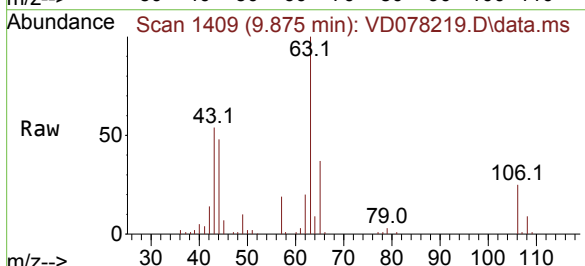
Acq: 24 Jan 2024 13:01

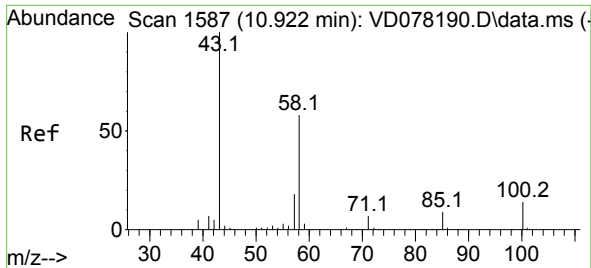
Tgt Ion: 63 Resp: 60161

Ion Ratio Lower Upper

63 100

106 26.5 25.3 37.9

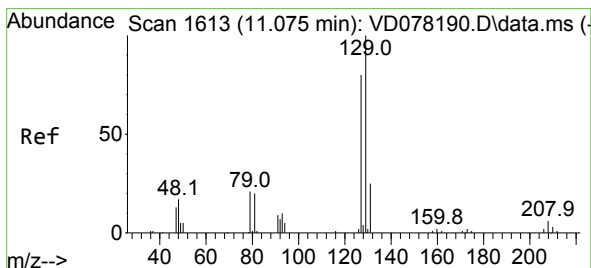
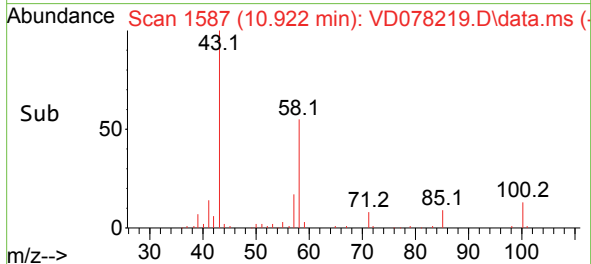
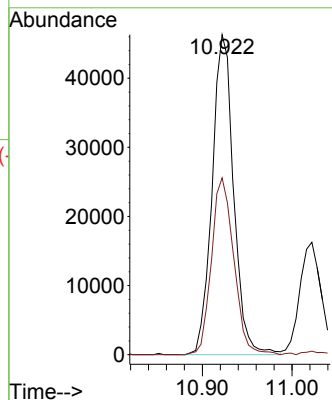
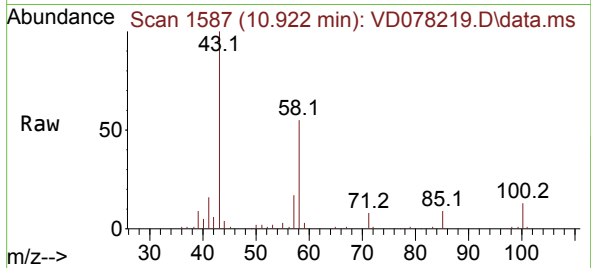




#59
2-Hexanone
Concen: 103.622 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

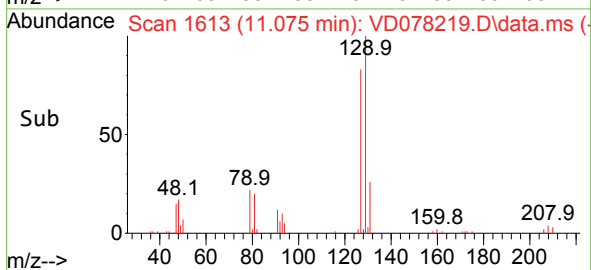
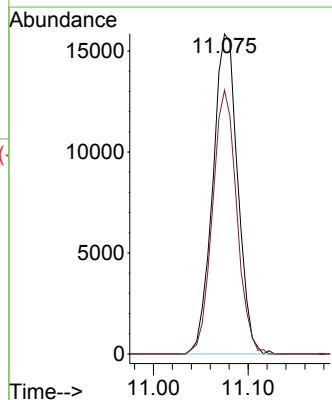
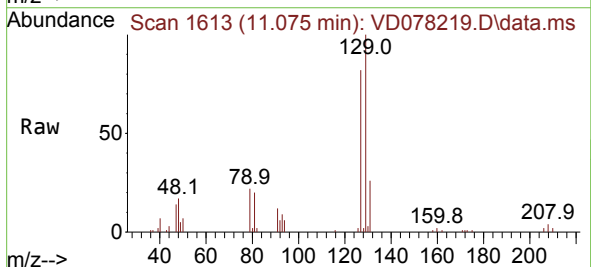
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

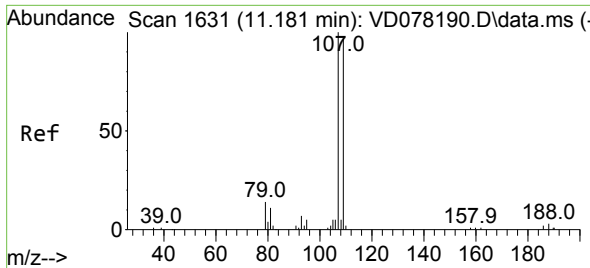
Tgt Ion: 43 Resp: 77124
Ion Ratio Lower Upper
43 100
58 57.2 34.1 102.2



#60
Dibromochloromethane
Concen: 18.599 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:129 Resp: 28997
Ion Ratio Lower Upper
129 100
127 80.2 37.1 111.5

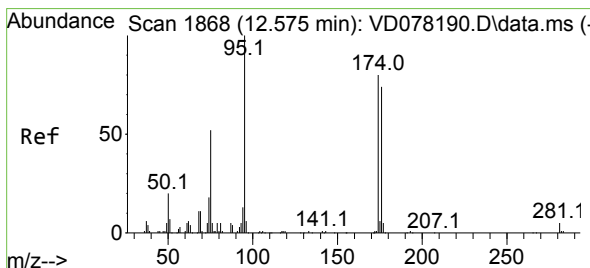
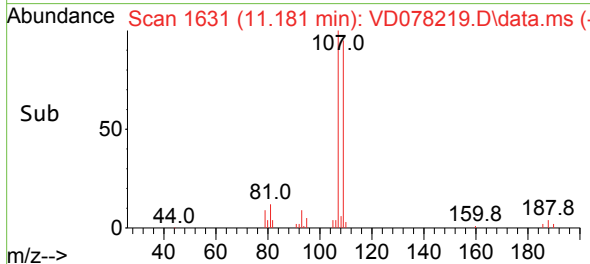
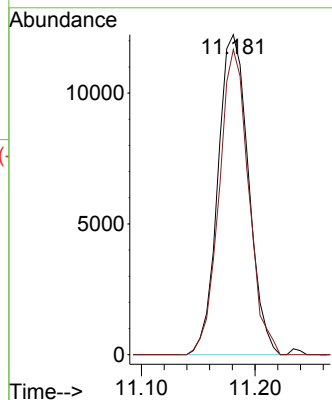
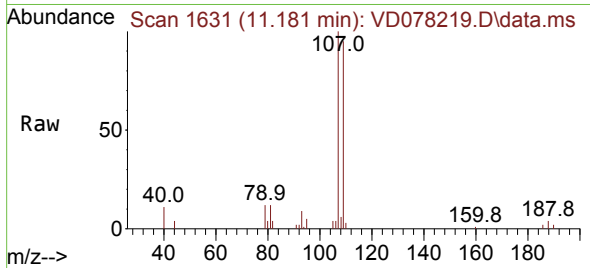




#61
1,2-Dibromoethane
Concen: 18.762 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

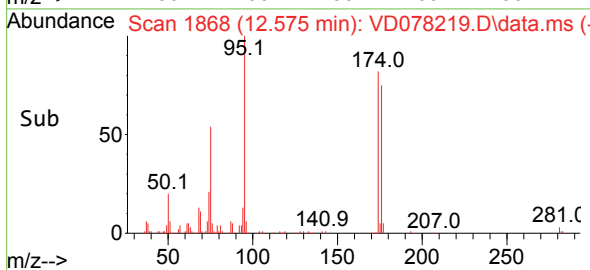
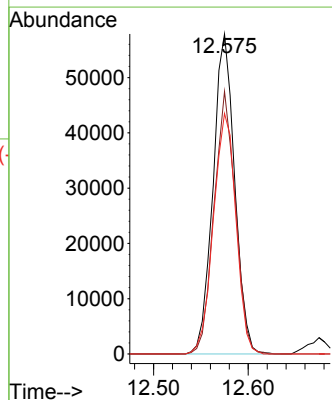
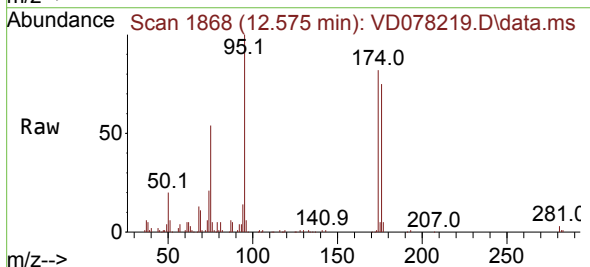
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

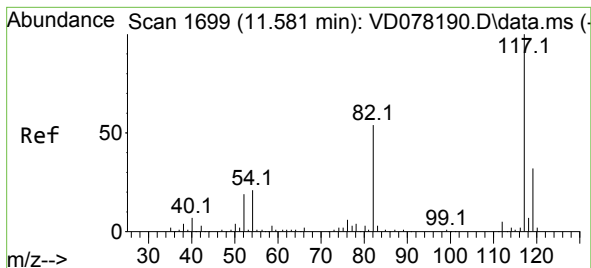
Tgt Ion:107 Resp: 22870
Ion Ratio Lower Upper
107 100
109 92.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.453 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 95 Resp: 91818
Ion Ratio Lower Upper
95 100
174 81.4 0.0 201.8
176 78.3 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

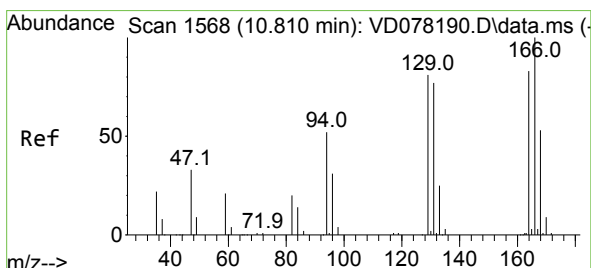
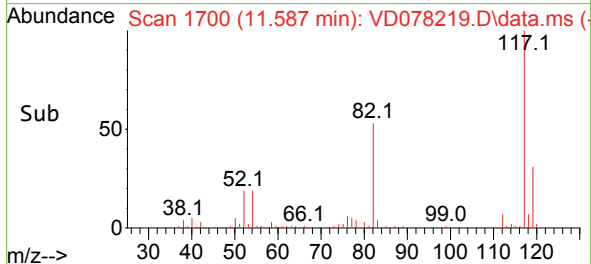
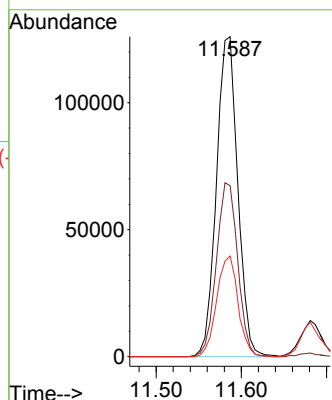
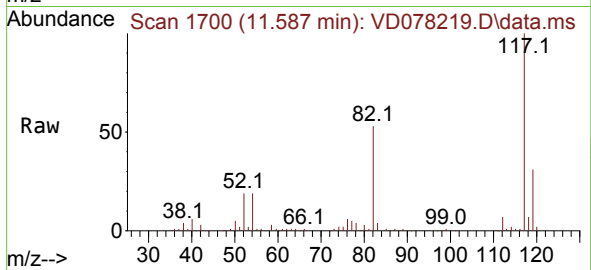
Tgt Ion:117 Resp: 218986

Ion Ratio Lower Upper

117 100

82 53.4 38.3 57.5

119 31.4 25.0 37.4



#64

Tetrachloroethene

Concen: 19.036 ug/l

RT: 10.816 min Scan# 1569

Delta R.T. 0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Tgt Ion:164 Resp: 27257

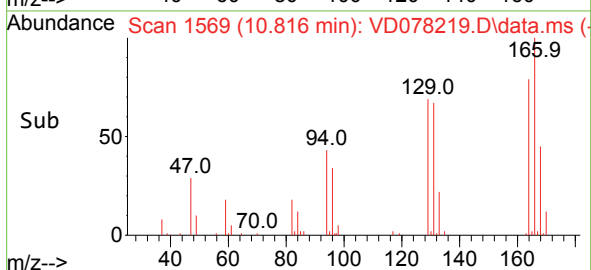
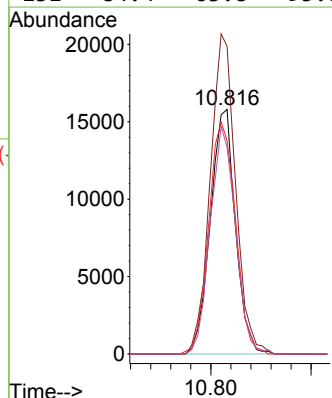
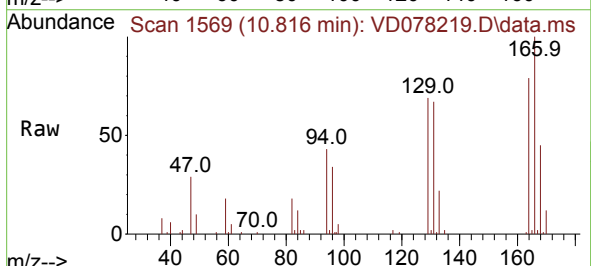
Ion Ratio Lower Upper

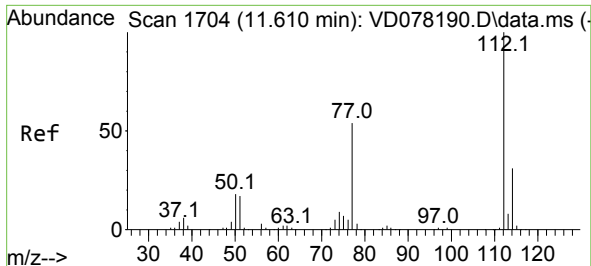
164 100

166 125.9 99.2 148.8

129 87.2 68.4 102.6

131 84.4 63.8 95.8

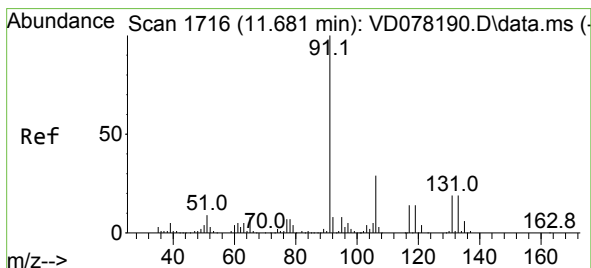
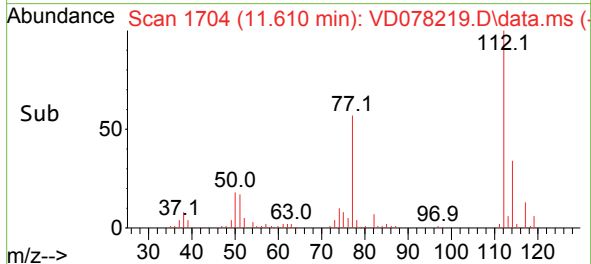
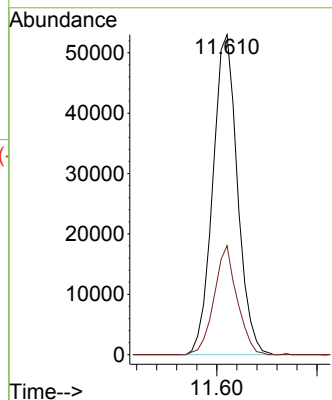
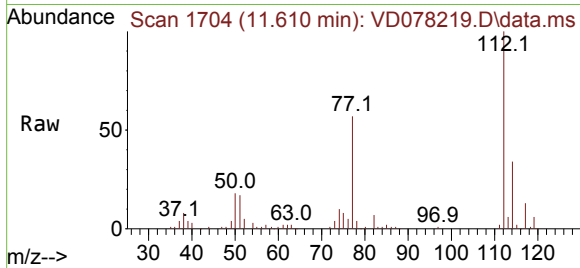




#65
Chlorobenzene
Concen: 18.705 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

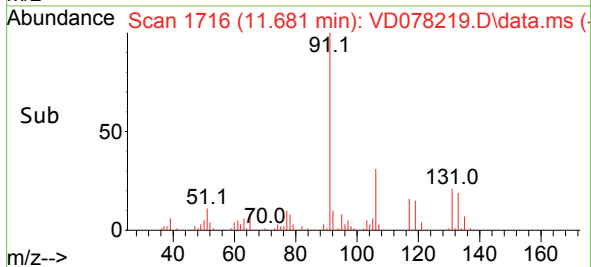
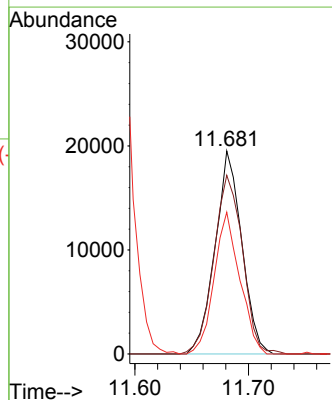
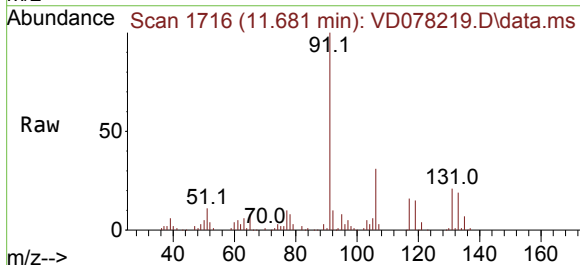
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

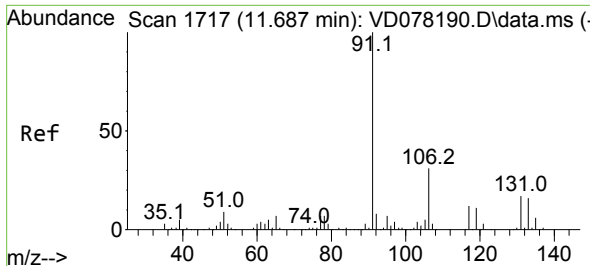
Tgt Ion:112 Resp: 90486
Ion Ratio Lower Upper
112 100
114 34.1 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 18.489 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:131 Resp: 31962
Ion Ratio Lower Upper
131 100
133 94.6 48.5 145.5
119 66.9 35.6 106.9

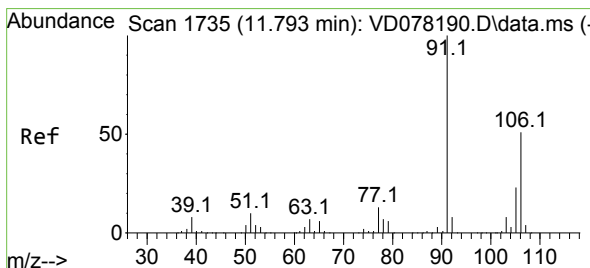
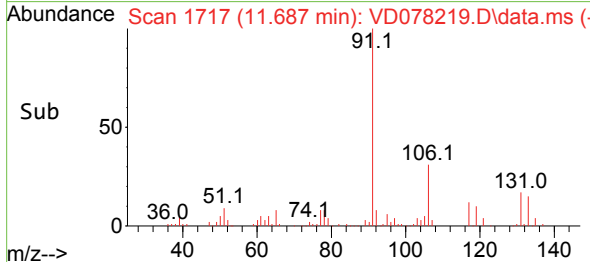
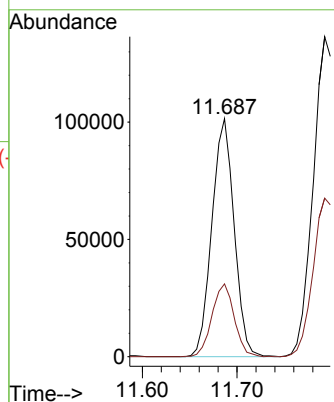
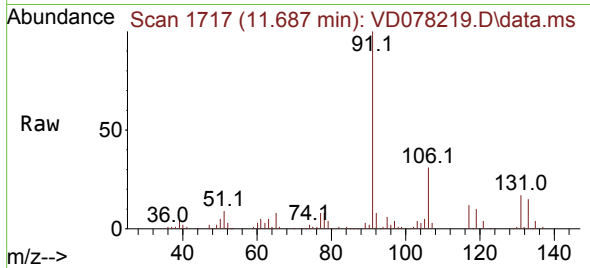




#67
Ethyl Benzene
Concen: 18.834 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

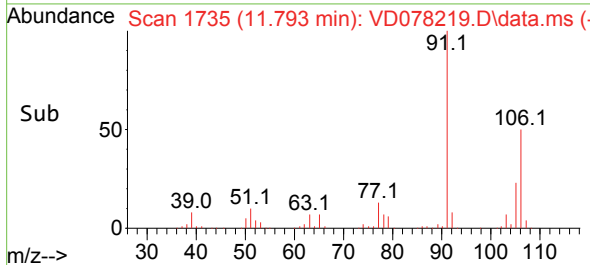
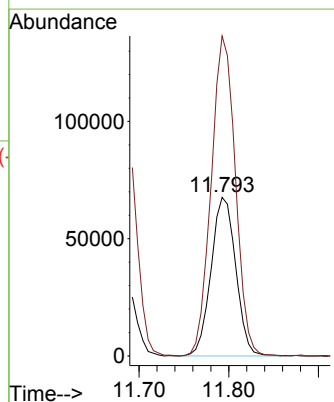
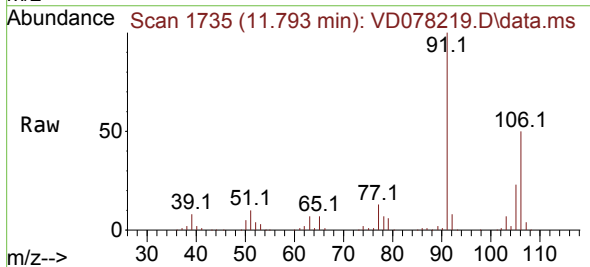
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

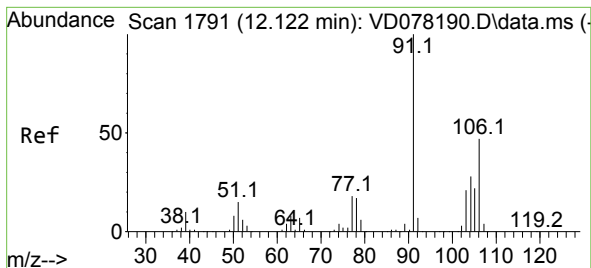
Tgt Ion: 91 Resp: 165801
Ion Ratio Lower Upper
91 100
106 30.6 26.5 39.7



#68
m/p-Xylenes
Concen: 38.420 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:106 Resp: 129175
Ion Ratio Lower Upper
106 100
91 198.1 147.0 220.6





#69

o-Xylene

Concen: 18.321 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

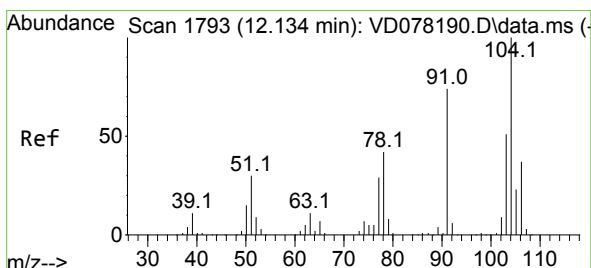
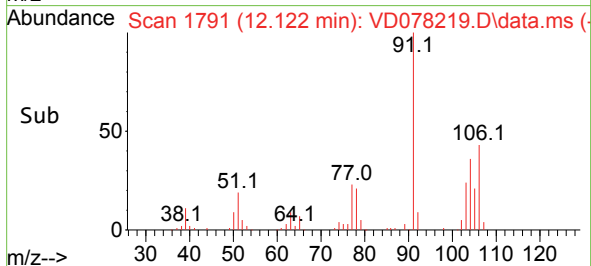
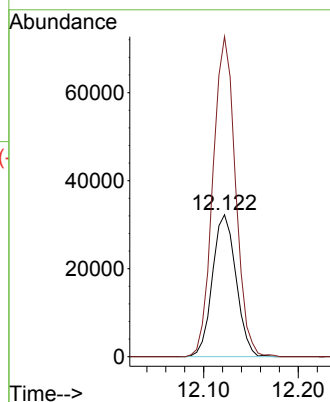
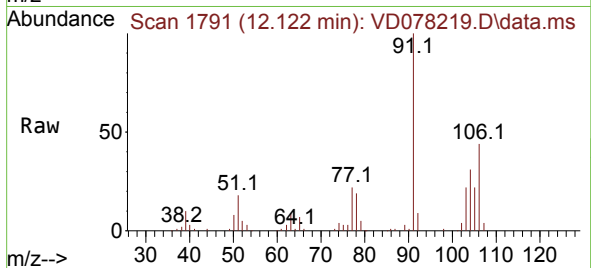
VD0124SBS01

Tgt Ion:106 Resp: 55903

Ion Ratio Lower Upper

106 100

91 216.0 97.9 293.6



#70

Styrene

Concen: 19.288 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

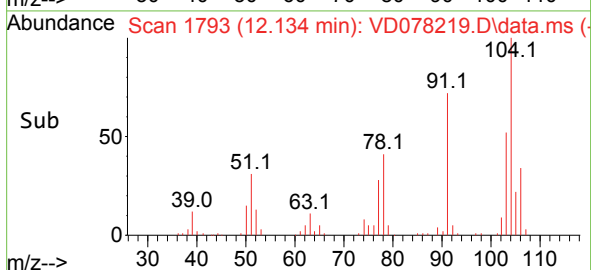
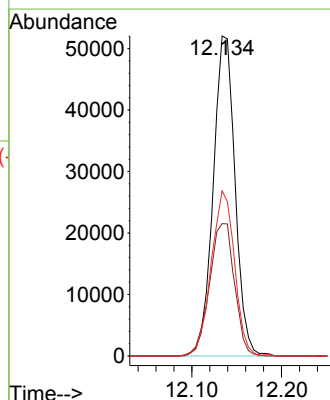
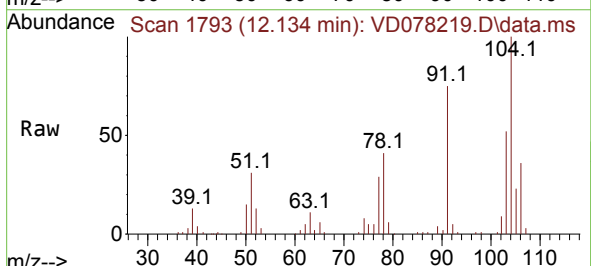
Tgt Ion:104 Resp: 88191

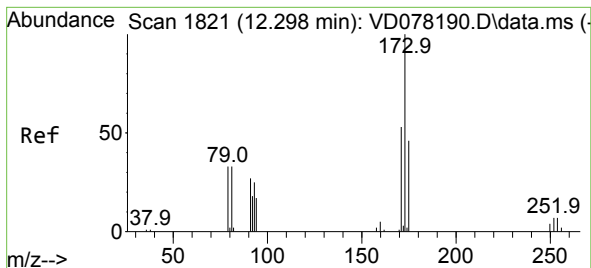
Ion Ratio Lower Upper

104 100

78 47.3 33.2 49.8

103 54.9 43.6 65.4





#71

Bromoform

Concen: 18.940 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

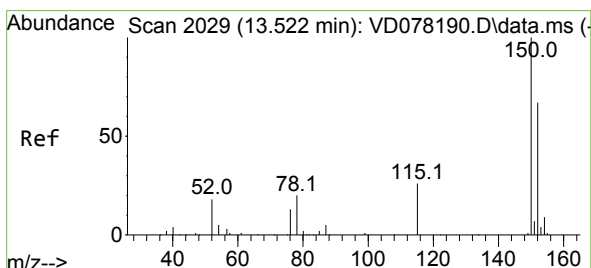
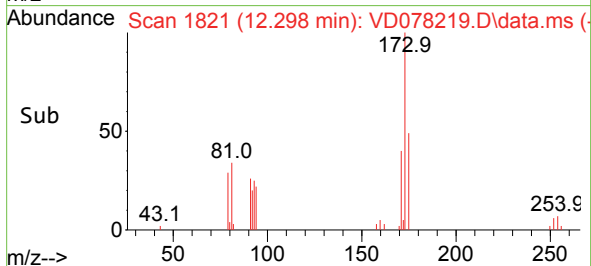
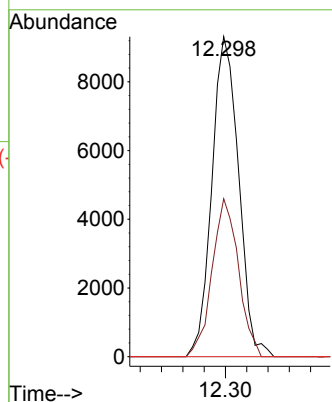
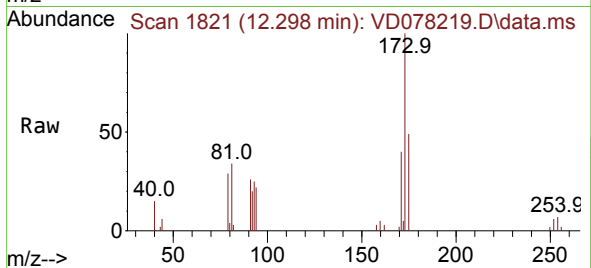
Tgt Ion:173 Resp: 16215

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: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

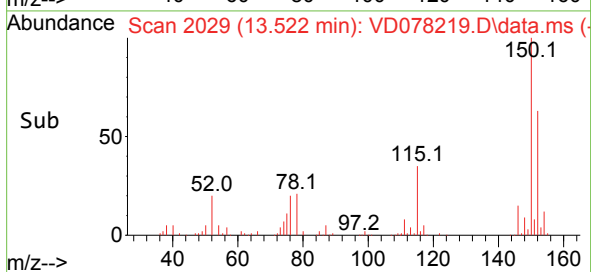
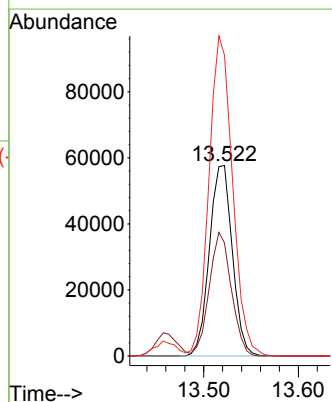
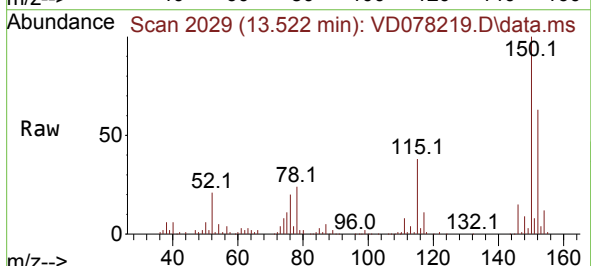
Tgt Ion:152 Resp: 97381

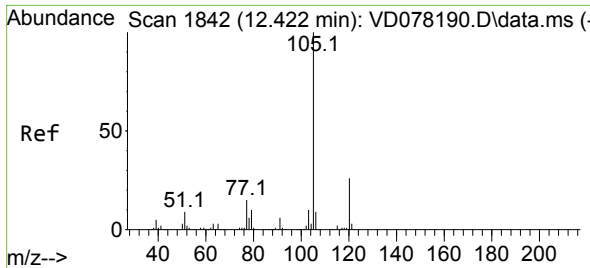
Ion Ratio Lower Upper

152 100

115 62.2 27.1 81.3

150 172.4 0.0 353.6

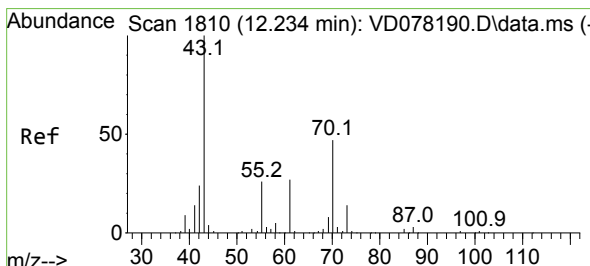
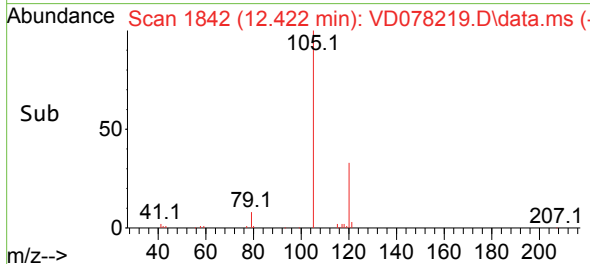
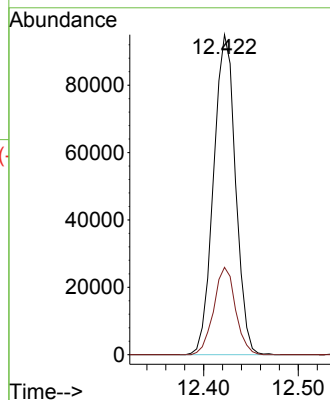
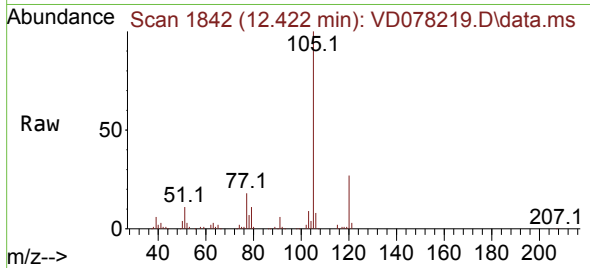




#73
Isopropylbenzene
Concen: 20.010 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

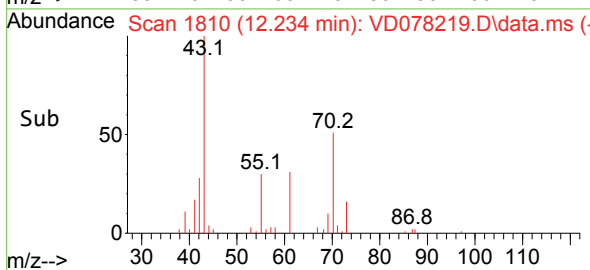
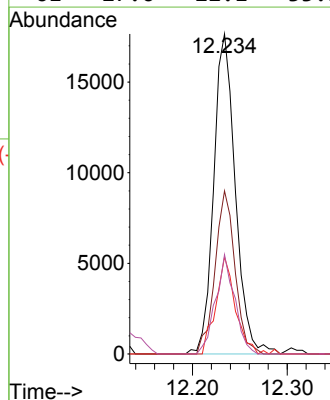
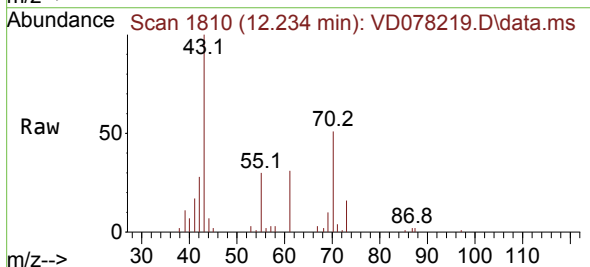
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

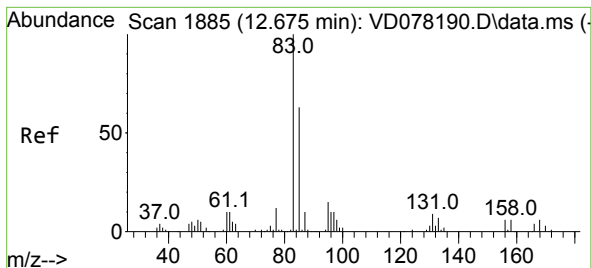
Tgt Ion:105 Resp: 153211
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9



#74
N-ethyl acetate
Concen: 19.140 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 43 Resp: 28039
Ion Ratio Lower Upper
43 100
70 47.1 45.0 67.4
55 27.4 23.8 35.6
61 27.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.168 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

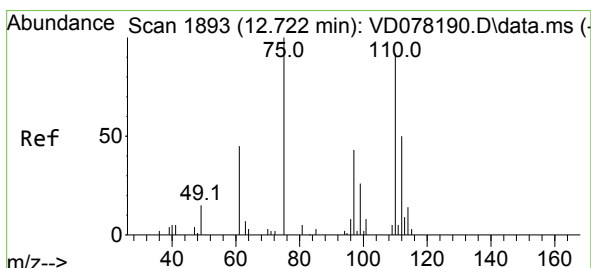
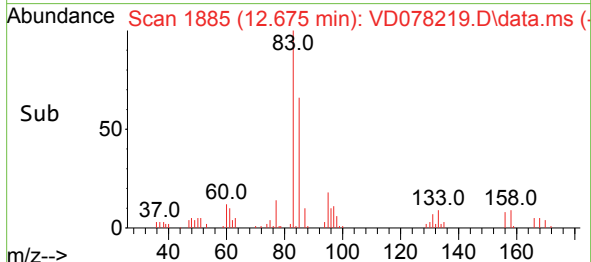
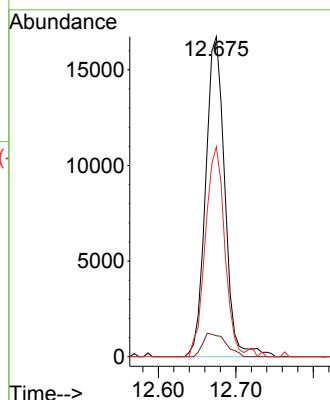
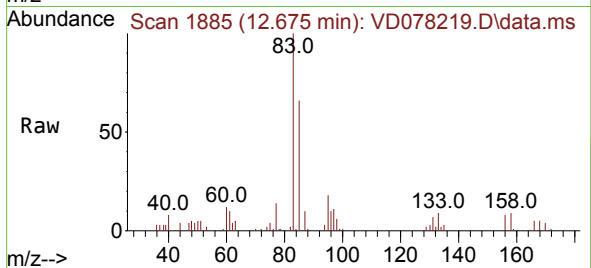
Tgt Ion: 83 Resp: 28734

Ion Ratio Lower Upper

83 100

131 8.7 5.1 15.3

85 66.1 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 37.469 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. 0.006 min

Lab File: VD078219.D

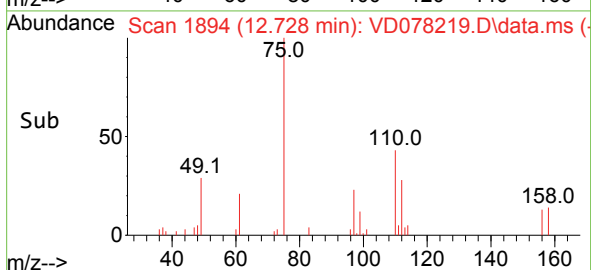
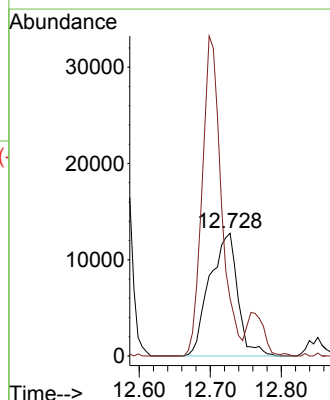
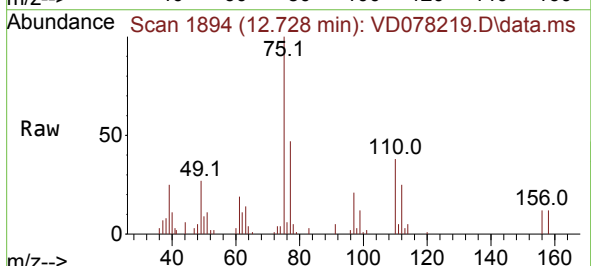
Acq: 24 Jan 2024 13:01

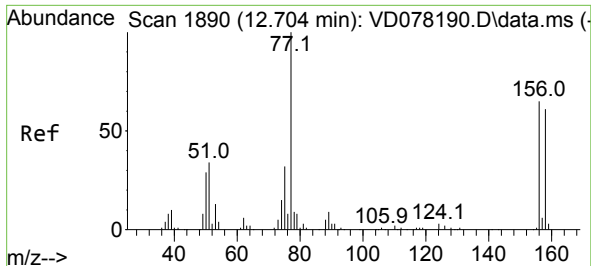
Tgt Ion: 75 Resp: 34996

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

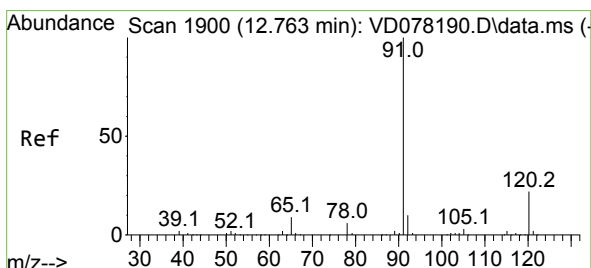
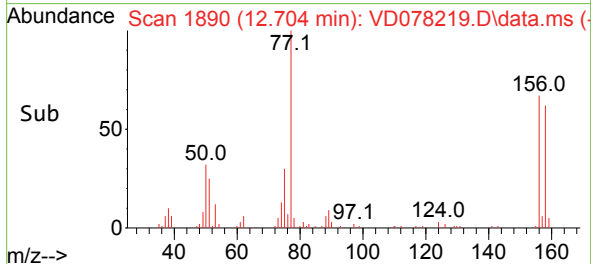
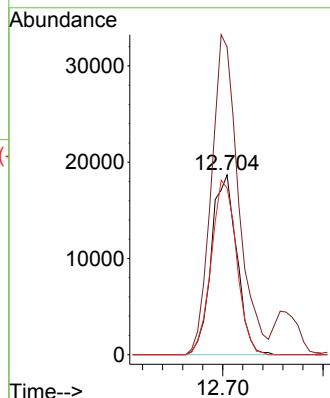
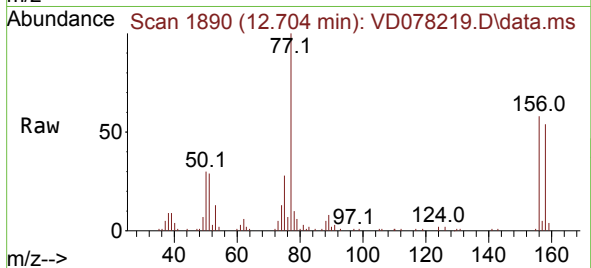




#77
Bromobenzene
Concen: 19.670 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

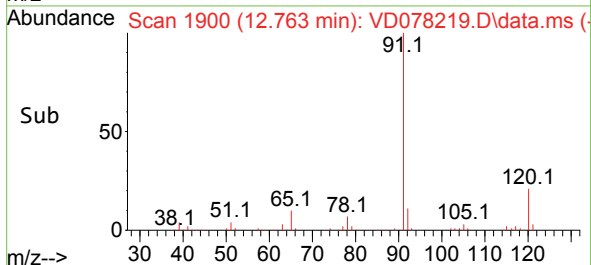
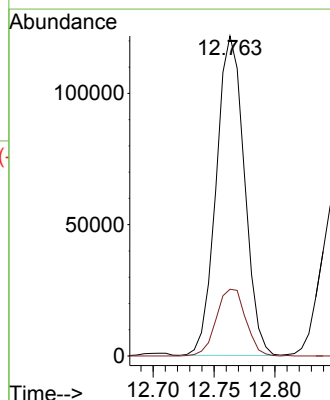
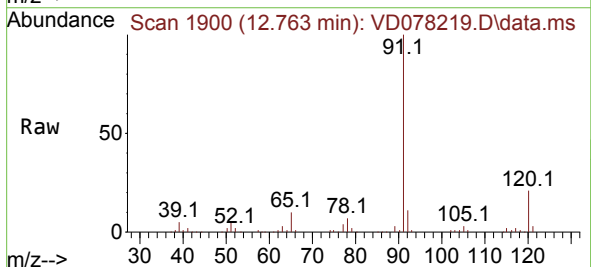
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

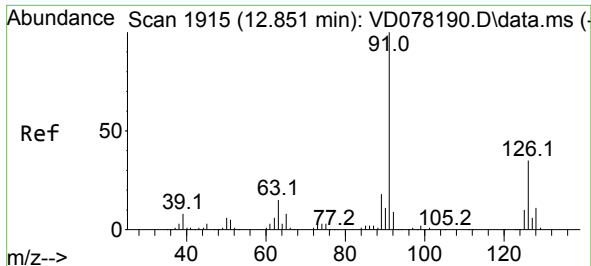
Tgt Ion:156 Resp: 33021
Ion Ratio Lower Upper
156 100
77 189.9 76.8 230.4
158 96.5 48.6 145.9



#78
n-propylbenzene
Concen: 20.616 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 91 Resp: 195777
Ion Ratio Lower Upper
91 100
120 21.9 12.4 37.2

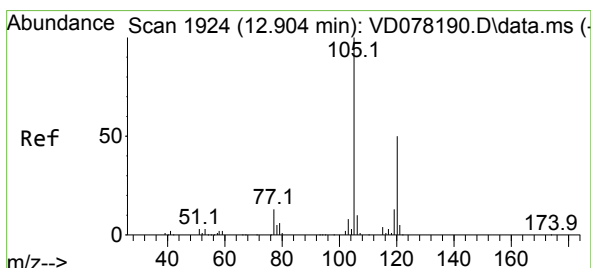
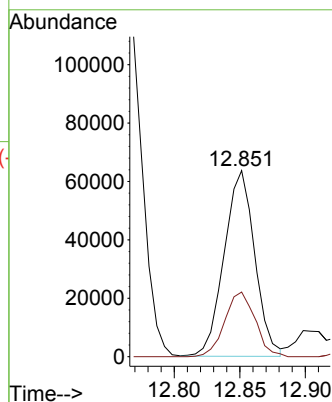
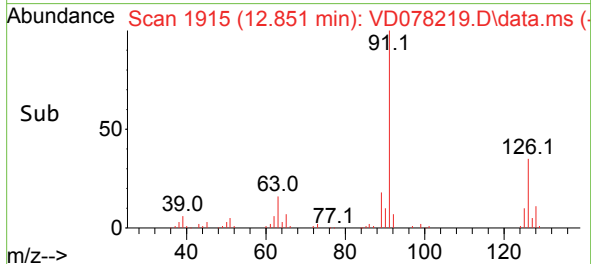
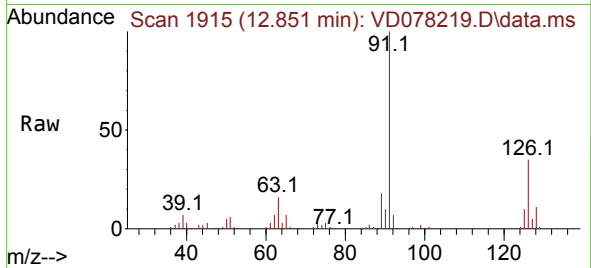




#79
2-Chlorotoluene
Concen: 20.415 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

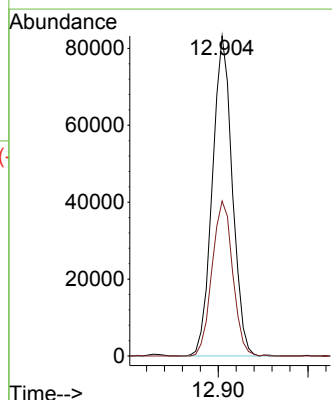
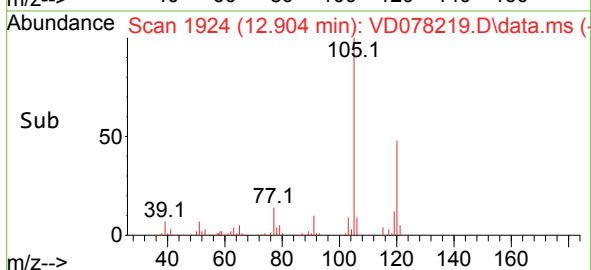
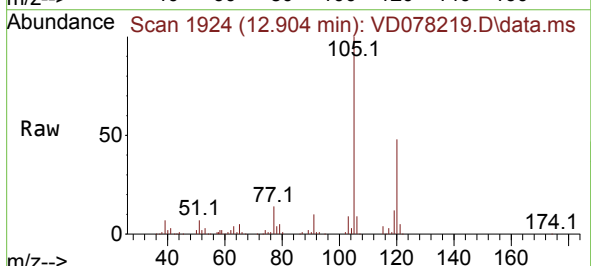
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

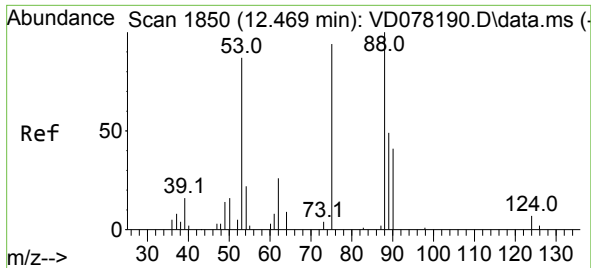
Tgt Ion: 91 Resp: 103458
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.211 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 105 Resp: 128316
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

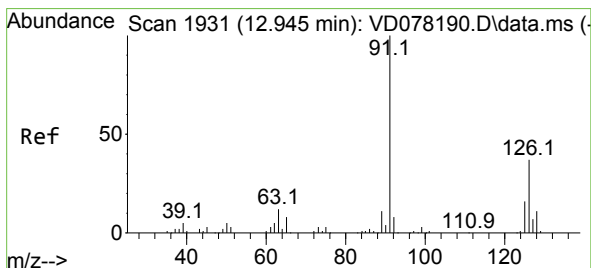
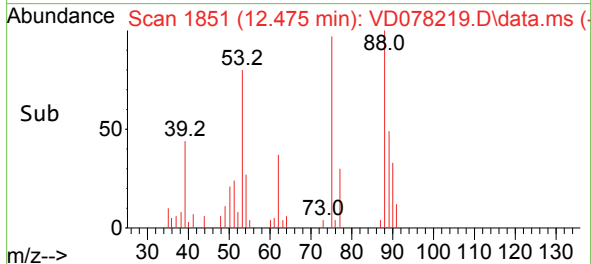
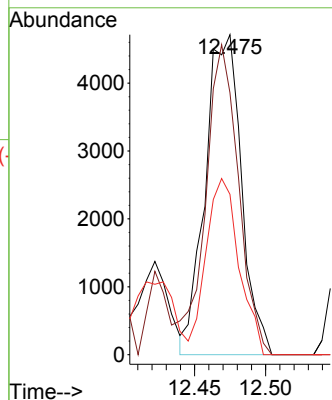
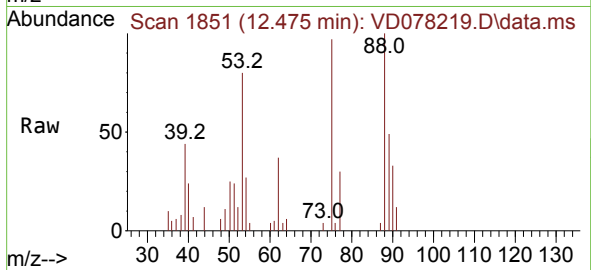




#81
trans-1,4-Dichloro-2-butene
Concen: 19.188 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

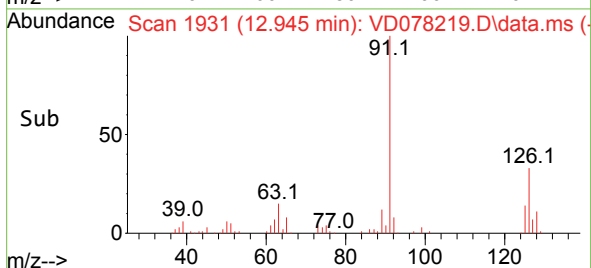
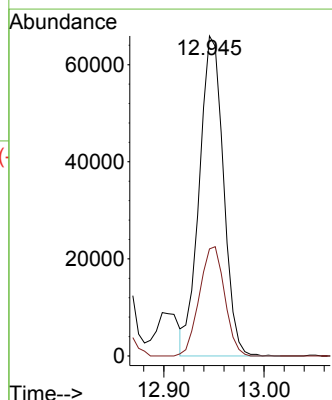
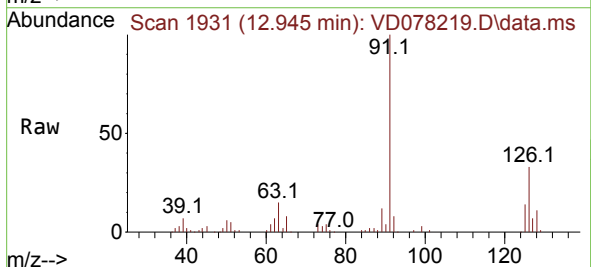
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

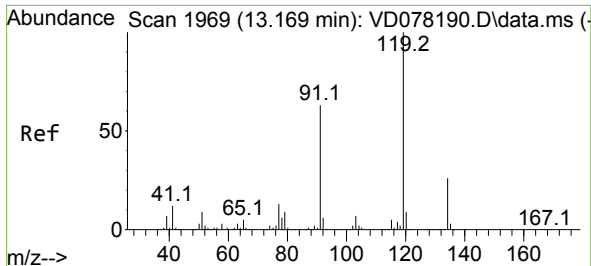
Tgt Ion: 75 Resp: 8320
Ion Ratio Lower Upper
75 100
53 87.3 63.0 94.4
89 50.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.664 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 91 Resp: 110388
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4

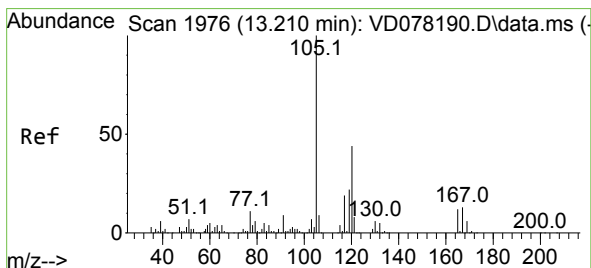
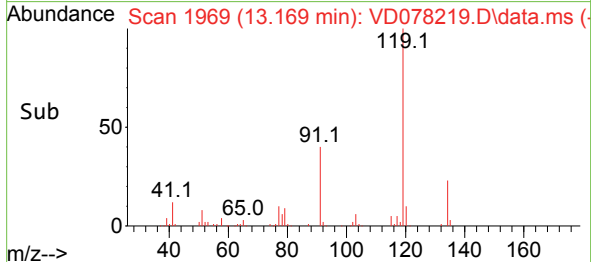
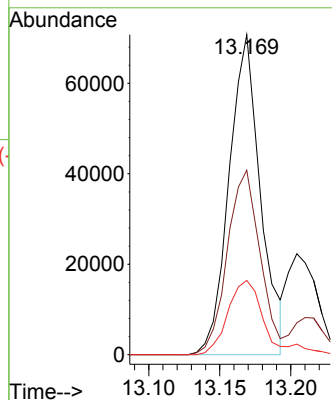
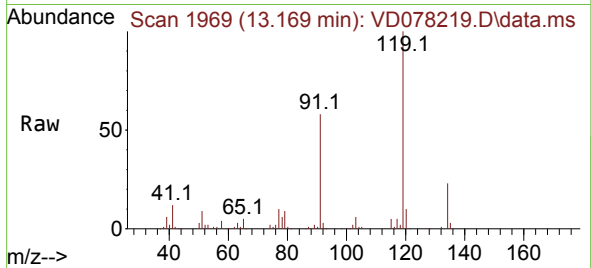




#83
tert-Butylbenzene
Concen: 20.526 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

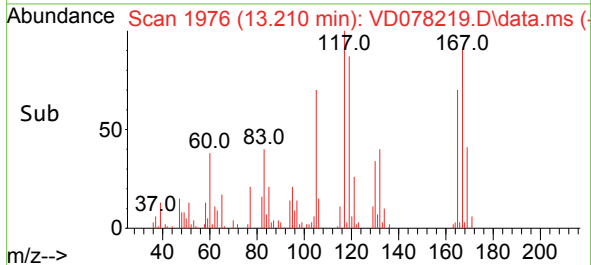
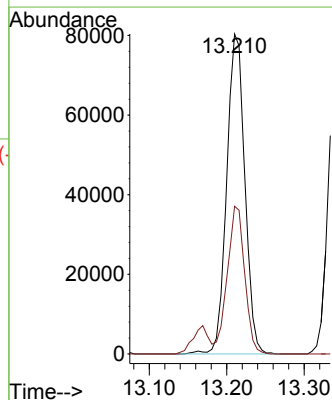
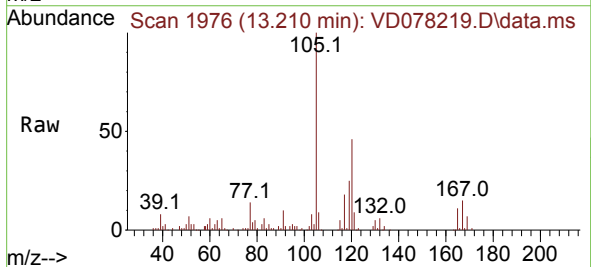
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

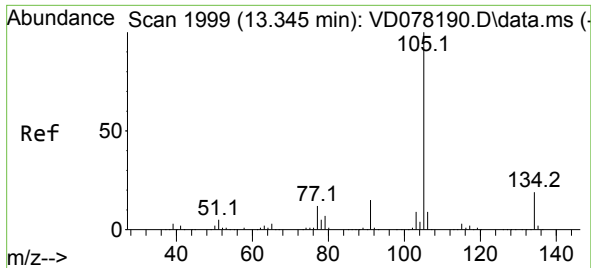
Tgt Ion:119 Resp: 108936
Ion Ratio Lower Upper
119 100
91 60.1 29.3 87.8
134 27.1 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.394 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:105 Resp: 130948
Ion Ratio Lower Upper
105 100
120 44.6 24.3 72.9

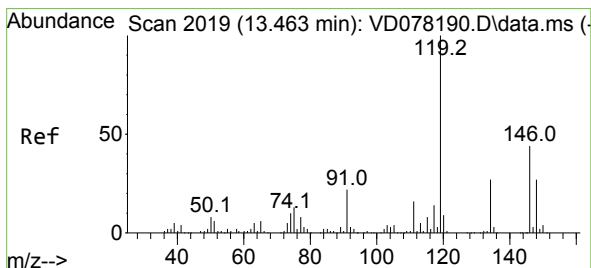
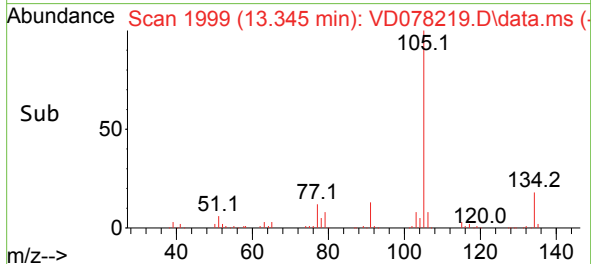
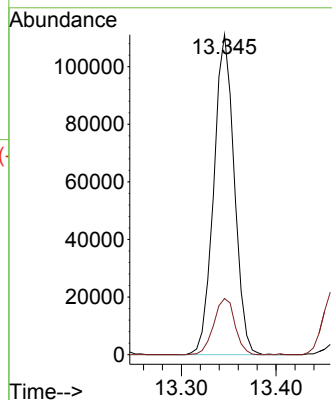
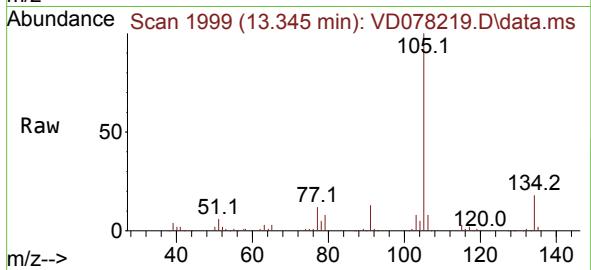




#85
 sec-Butylbenzene
 Concen: 20.781 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

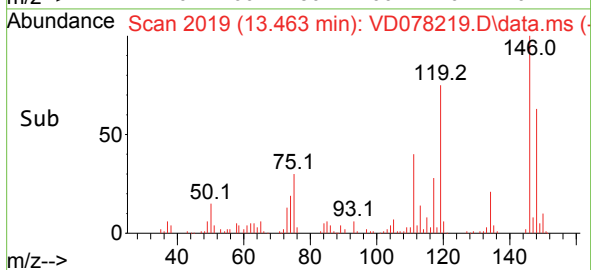
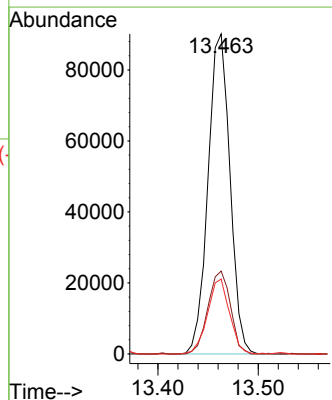
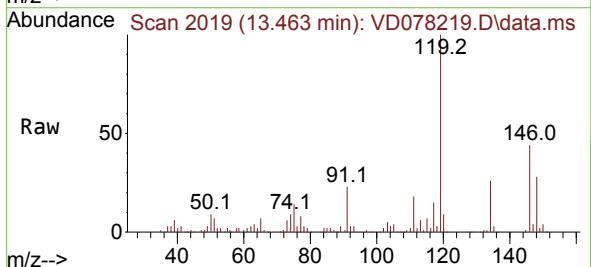
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

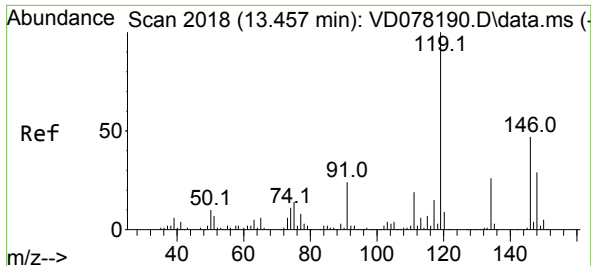
Tgt Ion:105 Resp: 166999
 Ion Ratio Lower Upper
 105 100
 134 18.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 19.643 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

Tgt Ion:119 Resp: 137371
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 23.5 10.5 31.5

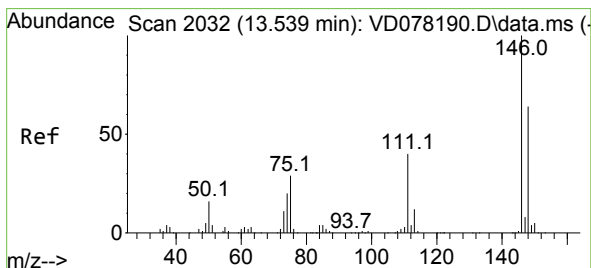
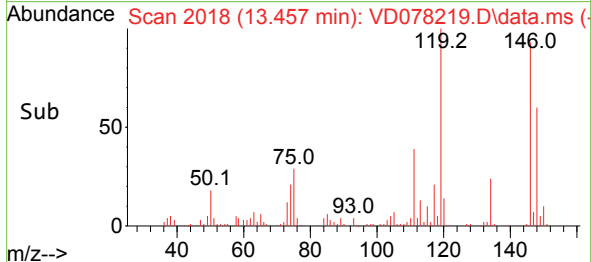
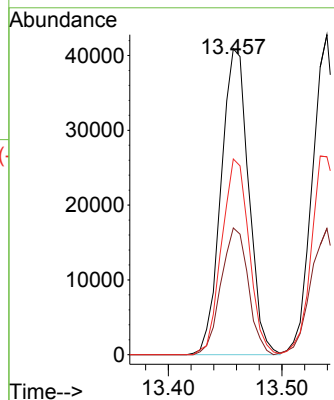
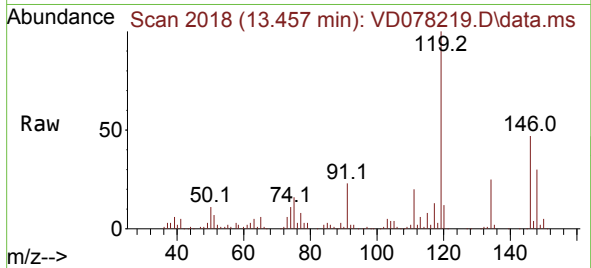




#87
 1,3-Dichlorobenzene
 Concen: 19.861 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

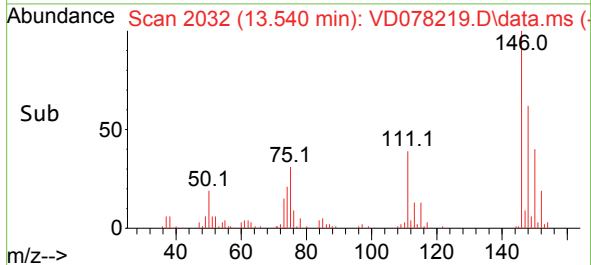
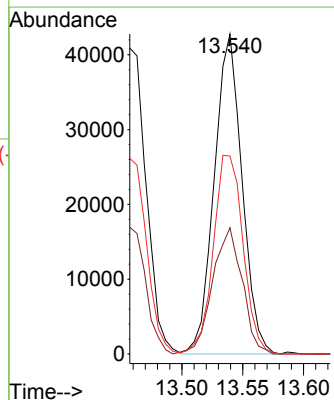
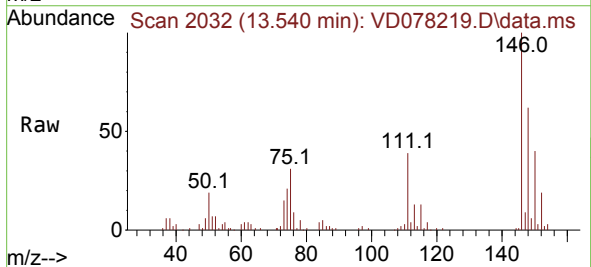
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBS01

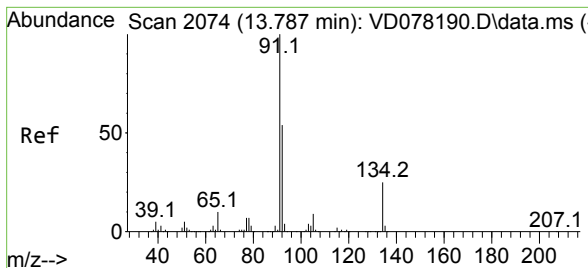
Tgt Ion:146 Resp: 69031
 Ion Ratio Lower Upper
 146 100
 111 40.6 17.9 53.8
 148 63.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.771 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078219.D
 Acq: 24 Jan 2024 13:01

Tgt Ion:146 Resp: 67890
 Ion Ratio Lower Upper
 146 100
 111 42.2 17.4 52.3
 148 66.4 31.7 95.1





#89

n-Butylbenzene

Concen: 20.839 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01

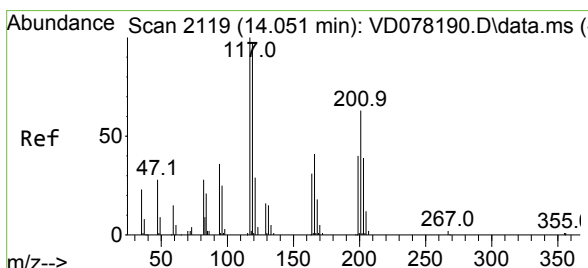
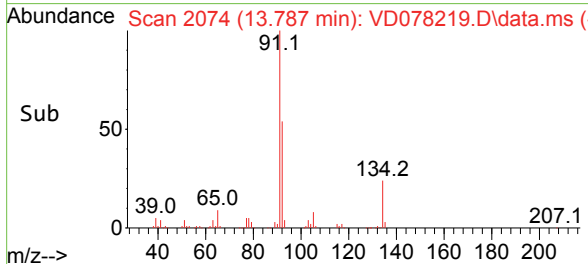
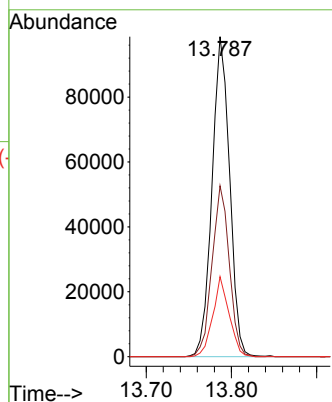
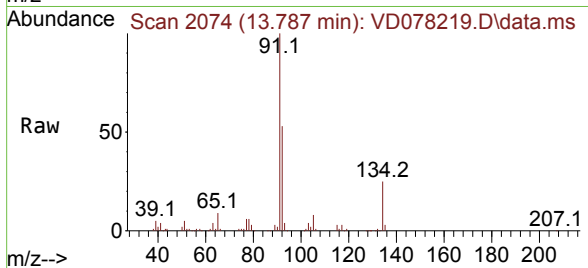
Tgt Ion: 91 Resp: 141870

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 23.2 13.8 41.3



#90

Hexachloroethane

Concen: 20.651 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD078219.D

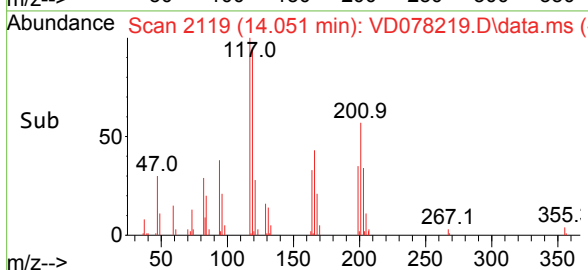
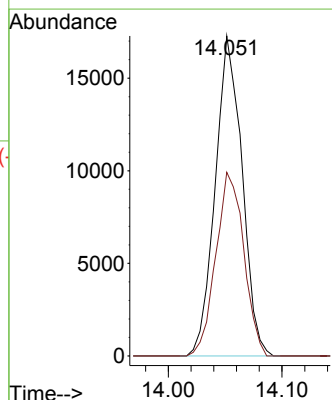
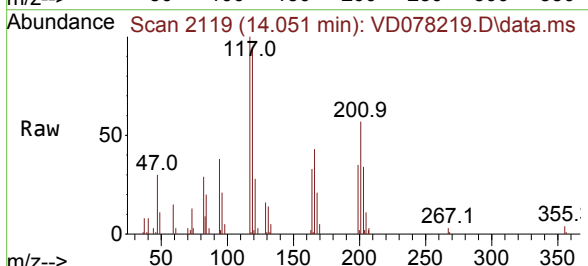
Acq: 24 Jan 2024 13:01

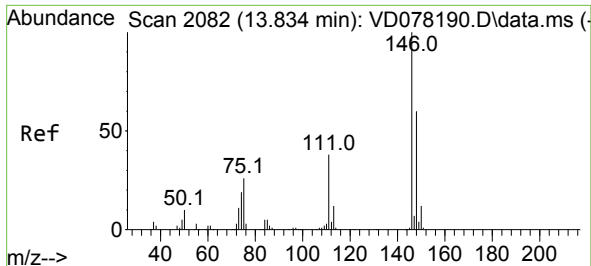
Tgt Ion: 117 Resp: 28330

Ion Ratio Lower Upper

117 100

201 59.9 38.5 115.5

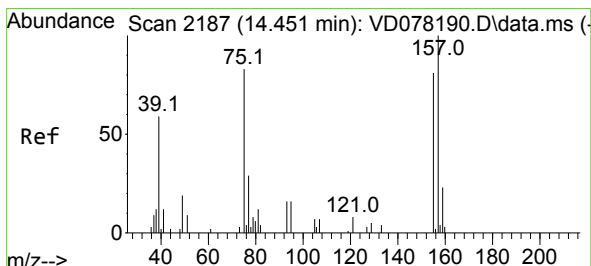
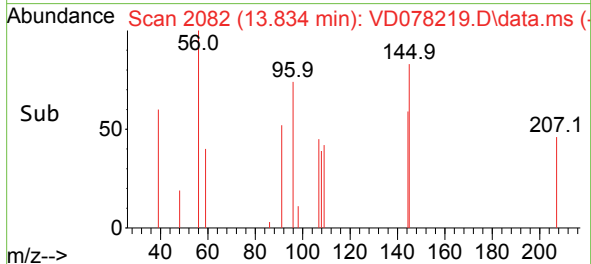
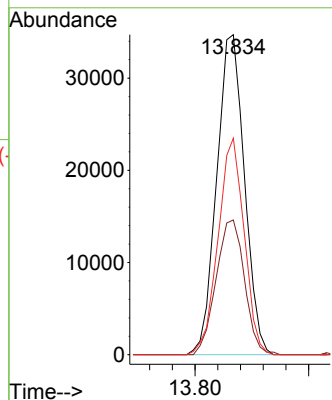
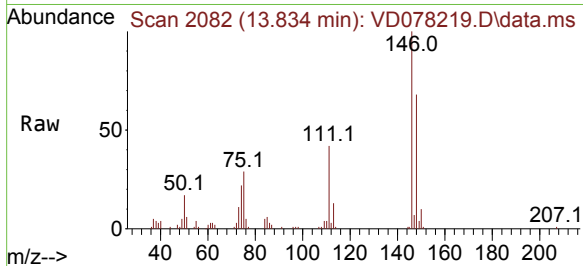




#91
1,2-Dichlorobenzene
Concen: 20.143 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

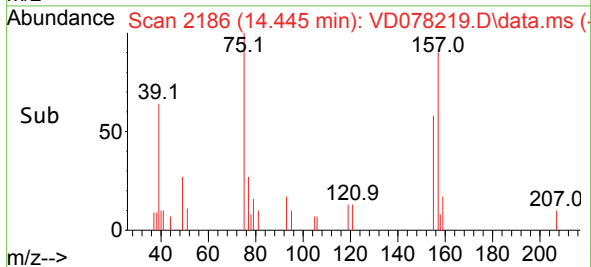
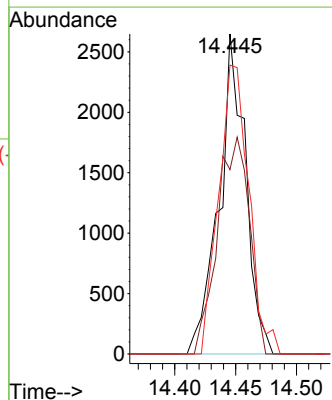
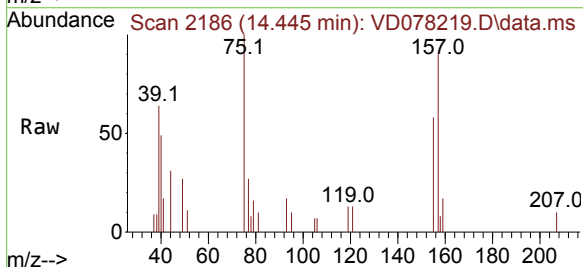
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

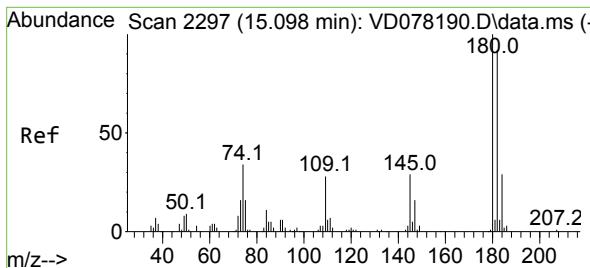
Tgt Ion:146 Resp: 58871
Ion Ratio Lower Upper
146 100
111 43.1 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.646 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion: 75 Resp: 4000
Ion Ratio Lower Upper
75 100
155 82.4 47.9 143.8
157 103.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.928 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078219.D

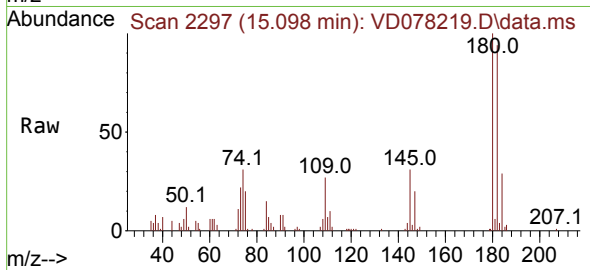
Acq: 24 Jan 2024 13:01

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBS01



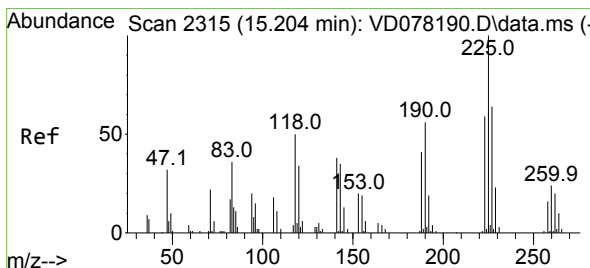
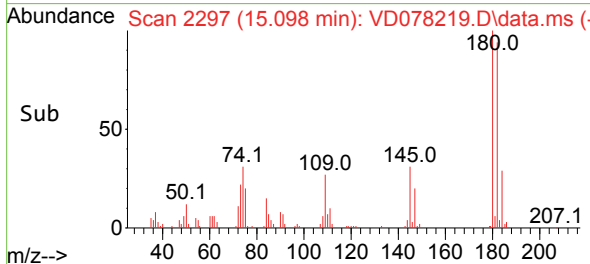
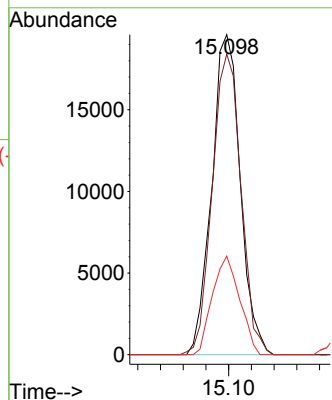
Tgt Ion:180 Resp: 34196

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.678 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD078219.D

Acq: 24 Jan 2024 13:01

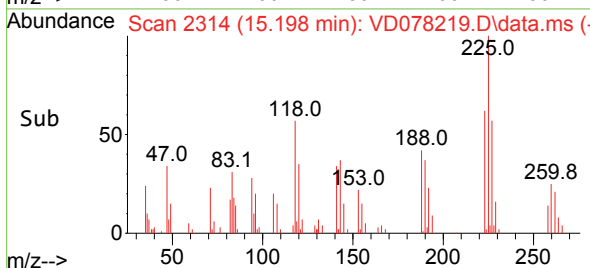
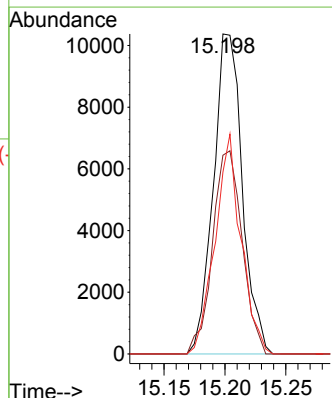
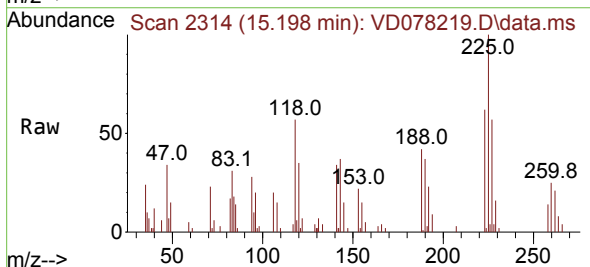
Tgt Ion:225 Resp: 17180

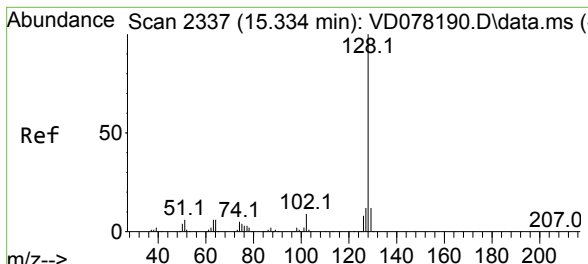
Ion Ratio Lower Upper

225 100

223 64.7 31.6 94.8

227 61.8 31.7 95.1

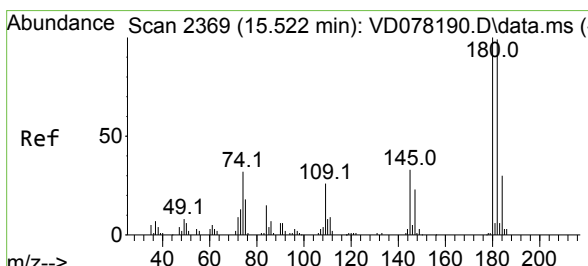
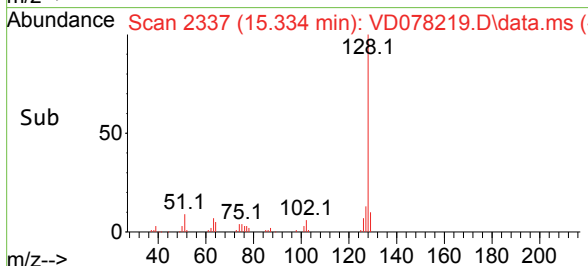
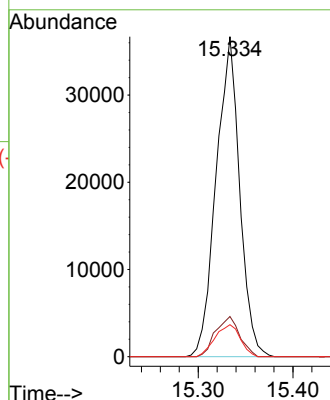
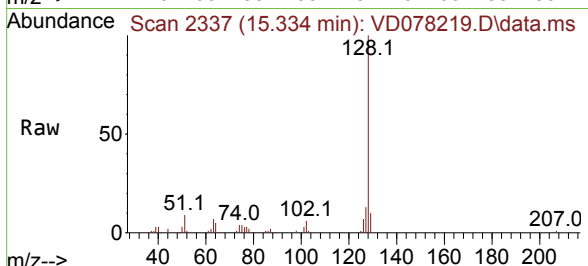




#95
Naphthalene
Concen: 18.690 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBS01

Tgt Ion:	128	Resp:	63131
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.5	15.7
129	10.0	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.080 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD078219.D
Acq: 24 Jan 2024 13:01

Tgt Ion:	180	Resp:	30437
Ion Ratio	Lower	Upper	
180	100		
182	90.0	47.3	141.9
145	31.3	15.1	45.3

