

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011524\
 Data File : VD078156.D
 Acq On : 15 Jan 2024 10:52
 Operator : RP/MD
 Sample : VD0115SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 16 00:32:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010824S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 09 01:29:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	93461	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	166688	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	153218	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	76806	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	53394	54.266	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.540%	
35) Dibromofluoromethane	7.810	113	57982	48.265	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.540%	
50) Toluene-d8	10.275	98	203351	50.474	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.940%	
62) 4-Bromofluorobenzene	12.581	95	65732	46.868	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 93.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	19005	22.317	ug/l	99
3) Chloromethane	2.152	50	26885	22.623	ug/l	98
4) Vinyl Chloride	2.293	62	38563	23.075	ug/l	94
5) Bromomethane	2.693	94	27587	21.501	ug/l	98
6) Chloroethane	2.846	64	30585	24.647	ug/l	96
7) Trichlorofluoromethane	3.181	101	42314	23.041	ug/l	98
8) Diethyl Ether	3.605	74	11871	24.652	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.969	101	24954	22.861	ug/l	96
10) Methyl Iodide	4.169	142	20820	20.727	ug/l	90
11) Tert butyl alcohol	5.052	59	6904	137.733	ug/l	# 83
12) 1,1-Dichloroethene	3.946	96	20956	22.672	ug/l	# 92
13) Acrolein	3.805	56	10035	122.369	ug/l	92
14) Allyl chloride	4.569	41	29226	23.669	ug/l	90
15) Acrylonitrile	5.263	53	26772	118.833	ug/l	93
16) Acetone	4.028	43	37965	158.770	ug/l	90
17) Carbon Disulfide	4.275	76	44556	21.629	ug/l	99
18) Methyl Acetate	4.563	43	19198	21.677	ug/l	89
19) Methyl tert-butyl Ether	5.334	73	53851	24.182	ug/l	96
20) Methylene Chloride	4.811	84	31355	22.514	ug/l	# 74
21) trans-1,2-Dichloroethene	5.316	96	25188	23.945	ug/l	96
22) Diisopropyl ether	6.222	45	70050	24.126	ug/l	92
23) Vinyl Acetate	6.163	43	147738	113.269	ug/l	93
24) 1,1-Dichloroethane	6.122	63	47952	23.671	ug/l	99
25) 2-Butanone	7.081	43	41714	137.240	ug/l	89
26) 2,2-Dichloropropane	7.081	77	45351	25.027	ug/l	91
27) cis-1,2-Dichloroethene	7.087	96	31344	24.236	ug/l	92
28) Bromochloromethane	7.434	49	16785	22.852	ug/l	# 79
29) Tetrahydrofuran	7.457	42	18409	115.446	ug/l	89
30) Chloroform	7.599	83	52701	24.001	ug/l	89
31) Cyclohexane	7.881	56	33411	22.442	ug/l	84
32) 1,1,1-Trichloroethane	7.799	97	44832	23.604	ug/l	99
36) 1,1-Dichloropropene	8.016	75	34923	21.530	ug/l	95
37) Ethyl Acetate	7.169	43	15684	24.568	ug/l	# 93
38) Carbon Tetrachloride	7.993	117	40569	21.716	ug/l	# 95
39) Methylcyclohexane	9.275	83	36642	20.527	ug/l	92
40) Benzene	8.257	78	101405	20.944	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	8760	23.376	ug/l #	73
42) 1,2-Dichloroethane	8.334	62	30175	22.146	ug/l	94
43) Isopropyl Acetate	8.363	43	27390	22.256	ug/l #	76
44) Trichloroethene	9.034	130	28869	22.052	ug/l	97
45) 1,2-Dichloropropane	9.310	63	27709	22.191	ug/l	97
46) Dibromomethane	9.399	93	14915	21.590	ug/l	91
47) Bromodichloromethane	9.587	83	40007	21.783	ug/l	95
48) Methyl methacrylate	9.381	41	16540	24.320	ug/l #	76
49) 1,4-Dioxane	9.387	88	2803	464.155	ug/l #	84
51) 4-Methyl-2-Pentanone	10.163	43	74349	116.604	ug/l	88
52) Toluene	10.334	92	67544	22.089	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	35988	22.078	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	41994	22.579	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	21921	22.624	ug/l	93
56) Ethyl methacrylate	10.598	69	17135	22.692	ug/l #	80
57) 1,3-Dichloropropane	10.881	76	35780	22.751	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	35364	102.566	ug/l	94
59) 2-Hexanone	10.922	43	60567	126.339	ug/l	86
60) Dibromochloromethane	11.075	129	27207	22.223	ug/l	99
61) 1,2-Dibromoethane	11.181	107	19066	21.373	ug/l	95
64) Tetrachloroethene	10.810	164	20369	19.635	ug/l	95
65) Chlorobenzene	11.610	112	75719	21.479	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.681	131	29308	21.402	ug/l	96
67) Ethyl Benzene	11.687	91	128426	20.744	ug/l	95
68) m/p-Xylenes	11.798	106	98342	41.211	ug/l	88
69) o-Xylene	12.128	106	47051	21.292	ug/l	92
70) Styrene	12.140	104	68699	20.450	ug/l	94
71) Bromoform	12.298	173	14666	21.189	ug/l #	98
73) Isopropylbenzene	12.428	105	121449	19.887	ug/l	98
74) N-amyl acetate	12.234	43	25586	22.907	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	25448	22.145	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	30843	40.788	ug/l #	100
77) Bromobenzene	12.704	156	30290	21.591	ug/l	90
78) n-propylbenzene	12.763	91	154336	20.849	ug/l	96
79) 2-Chlorotoluene	12.851	91	85096	21.606	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	104565	20.631	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	7631	22.489	ug/l	92
82) 4-Chlorotoluene	12.951	91	88333	20.851	ug/l	95
83) tert-Butylbenzene	13.169	119	88440	19.931	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	105067	20.881	ug/l	94
85) sec-Butylbenzene	13.345	105	135104	20.781	ug/l	96
86) p-Isopropyltoluene	13.463	119	116998	20.324	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	60956	20.942	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	58080	20.201	ug/l	94
89) n-Butylbenzene	13.787	91	112437	20.568	ug/l	96
90) Hexachloroethane	14.057	117	23469	19.836	ug/l	88
91) 1,2-Dichlorobenzene	13.834	146	51447	20.489	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3359	21.572	ug/l	90
93) 1,2,4-Trichlorobenzene	15.104	180	31891	20.512	ug/l	95
94) Hexachlorobutadiene	15.210	225	17177	19.581	ug/l	97
95) Naphthalene	15.334	128	57560	20.883	ug/l	96
96) 1,2,3-Trichlorobenzene	15.522	180	27048	20.399	ug/l	97

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Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

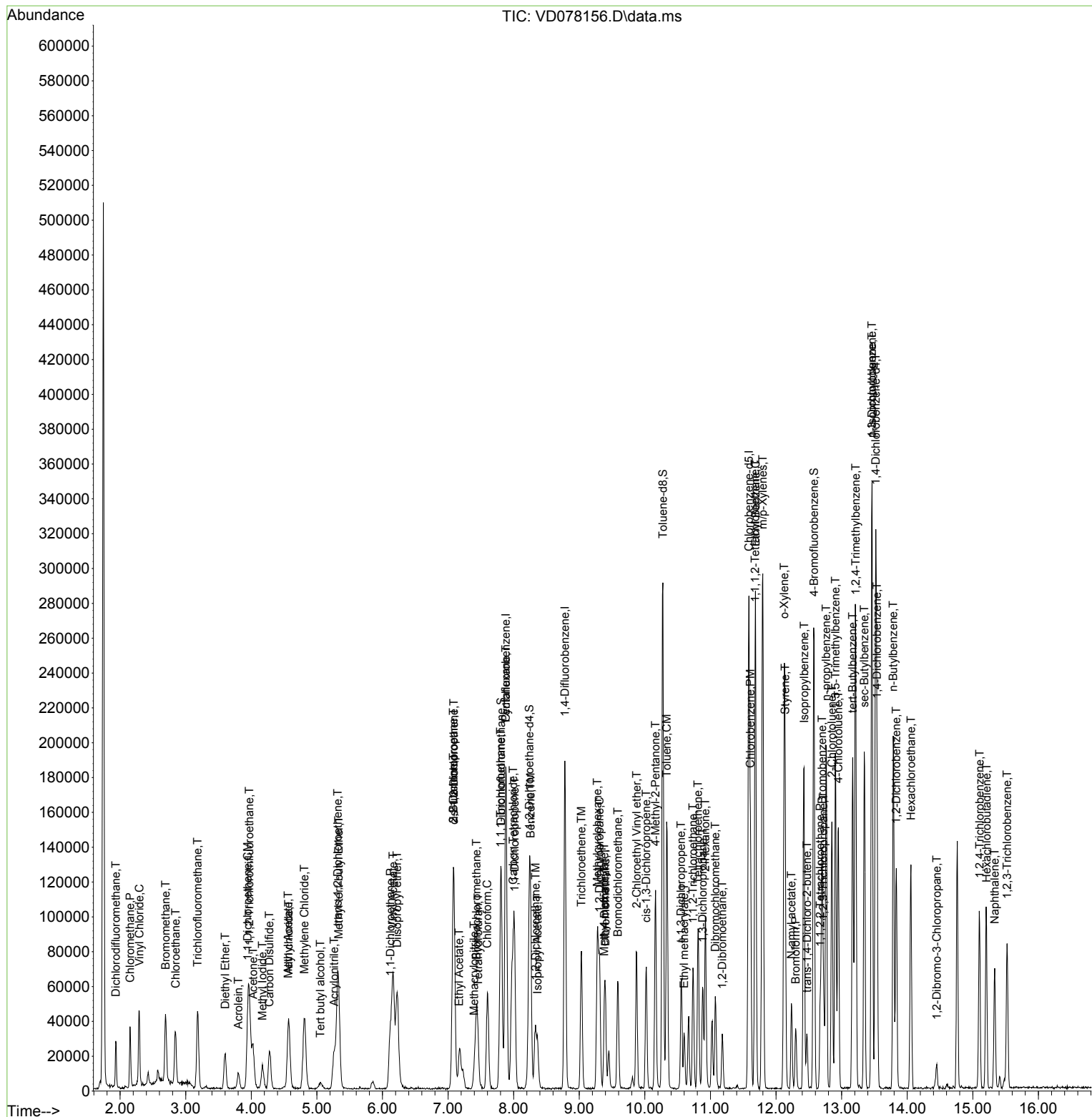
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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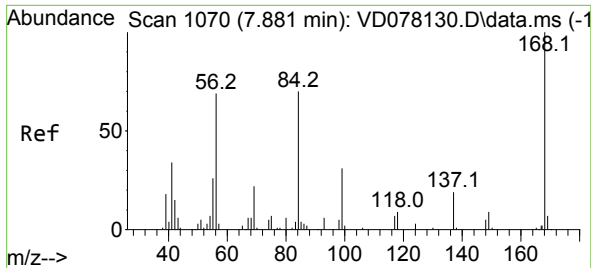
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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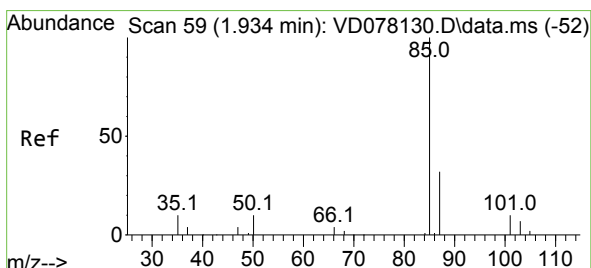
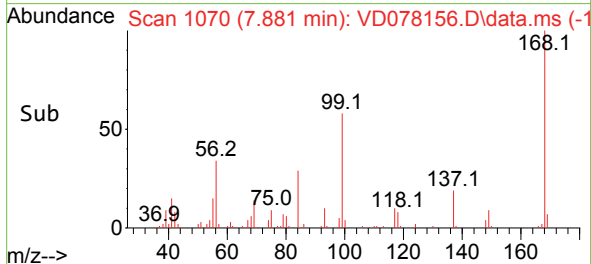
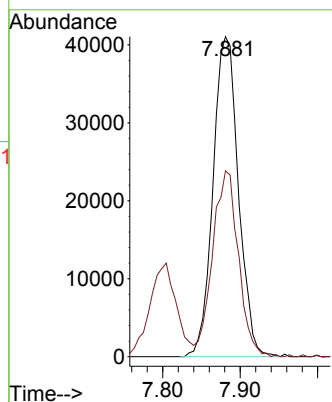
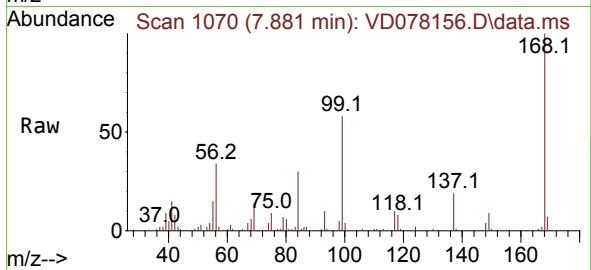




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078156.D
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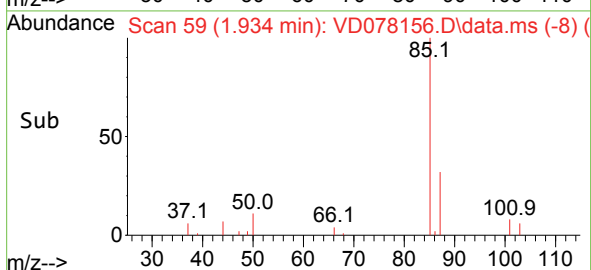
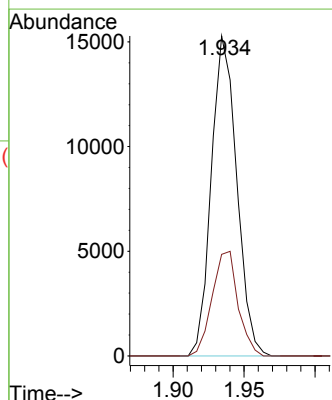
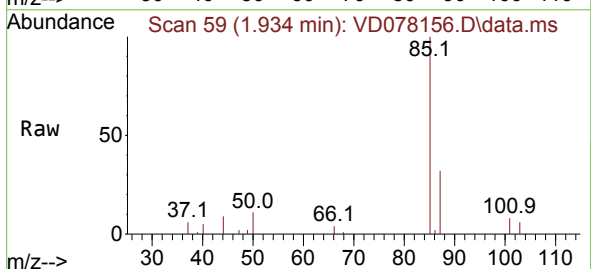
Instrument :
MSVOA_D
ClientSampleId :

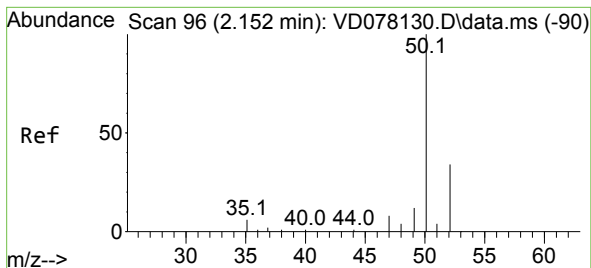
Tgt Ion:168 Resp: 93461
Ion Ratio Lower Upper
168 100
99 58.0 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 22.317 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 85 Resp: 19005
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.0





#3

Chloromethane

Concen: 22.623 ug/l

RT: 2.152 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

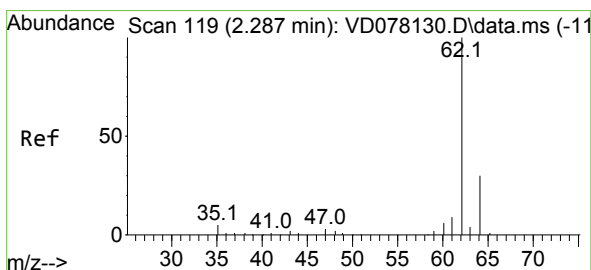
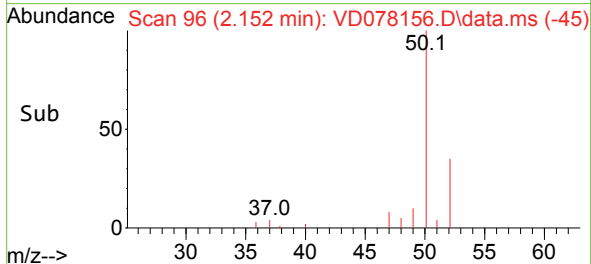
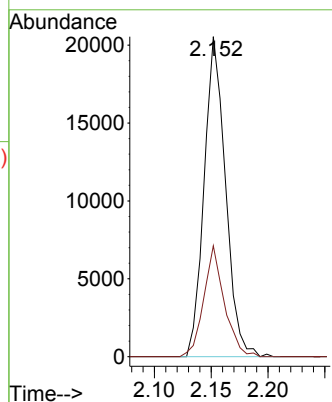
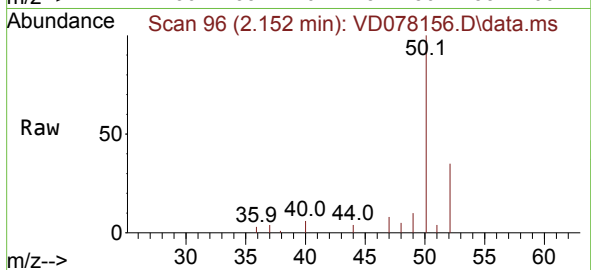
ClientSampleId :

Tgt Ion: 50 Resp: 26885

Ion Ratio Lower Upper

50 100

52 34.6 26.6 40.0



#4

Vinyl Chloride

Concen: 23.075 ug/l

RT: 2.293 min Scan# 120

Delta R.T. 0.006 min

Lab File: VD078156.D

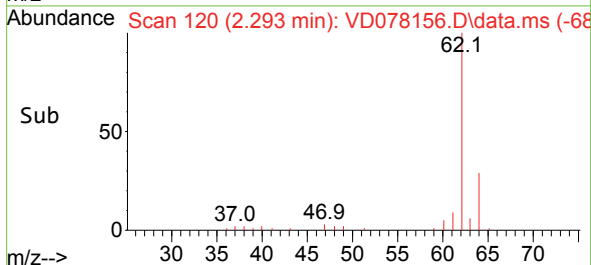
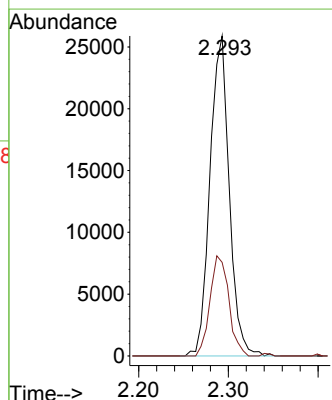
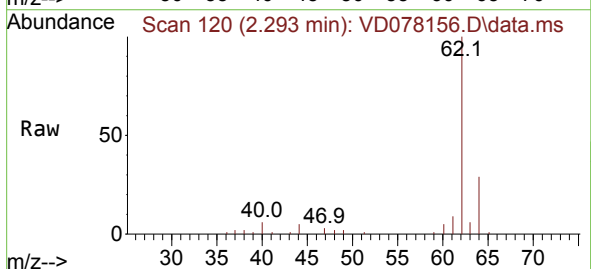
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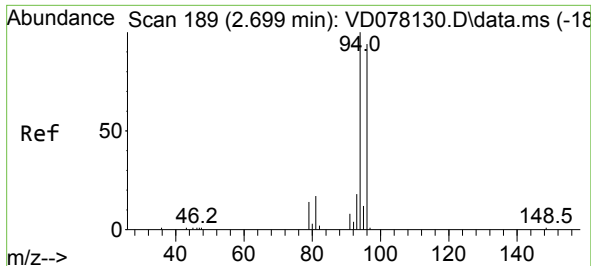
Tgt Ion: 62 Resp: 38563

Ion Ratio Lower Upper

62 100

64 29.2 26.0 39.0

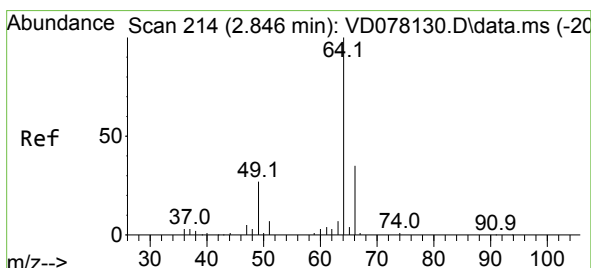
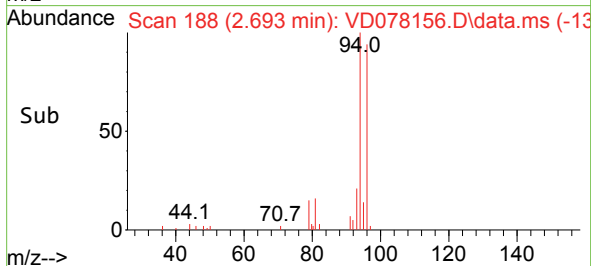
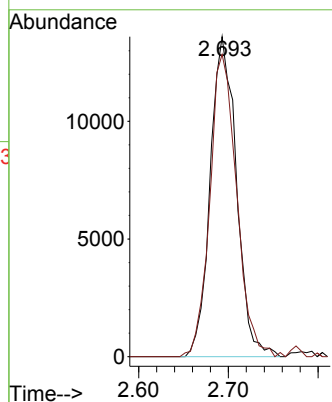
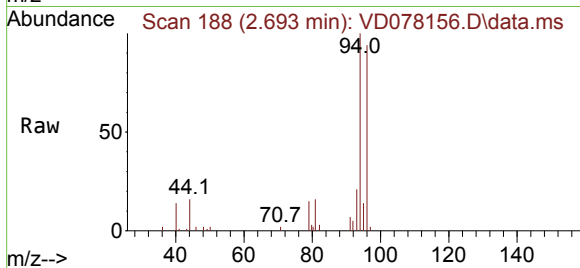




#5
Bromomethane
Concen: 21.501 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

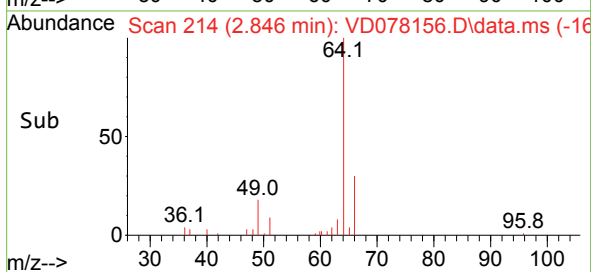
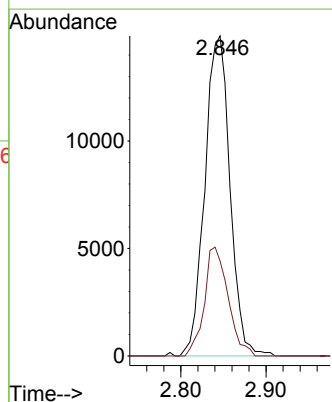
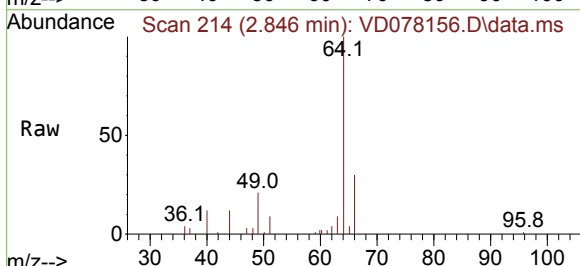
Instrument :
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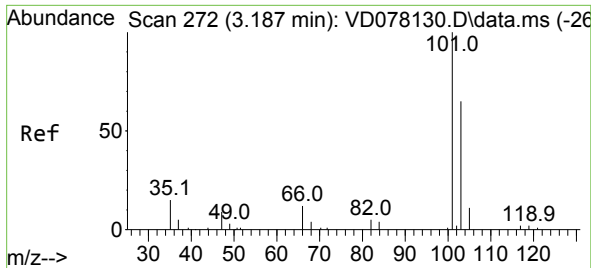
Tgt Ion: 94 Resp: 27587
Ion Ratio Lower Upper
94 100
96 96.8 75.8 113.8



#6
Chloroethane
Concen: 24.647 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 64 Resp: 30585
Ion Ratio Lower Upper
64 100
66 29.7 25.5 38.3

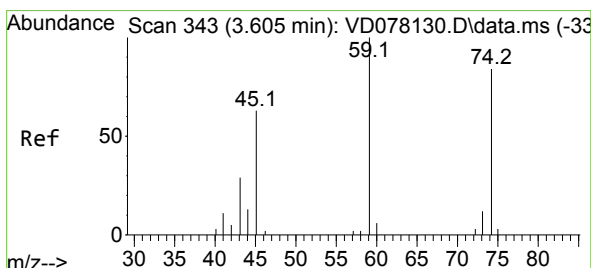
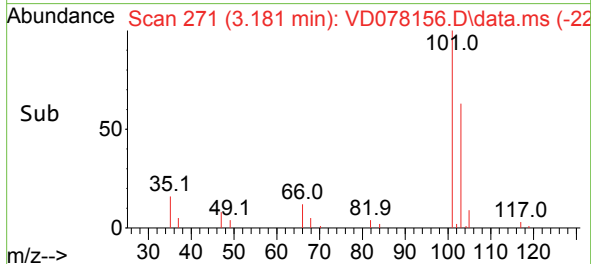
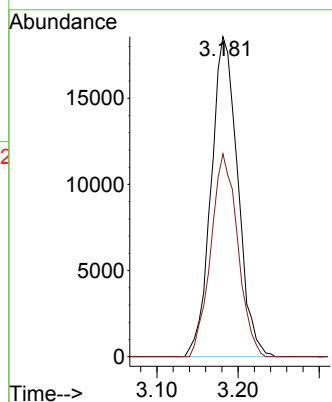
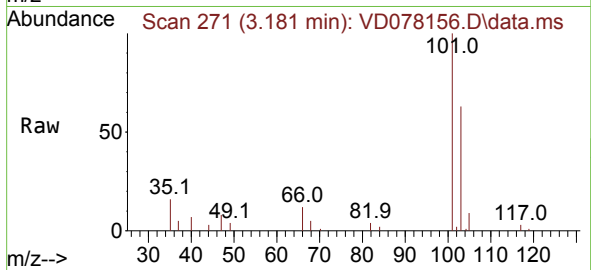




#7
 Trichlorofluoromethane
 Concen: 23.041 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

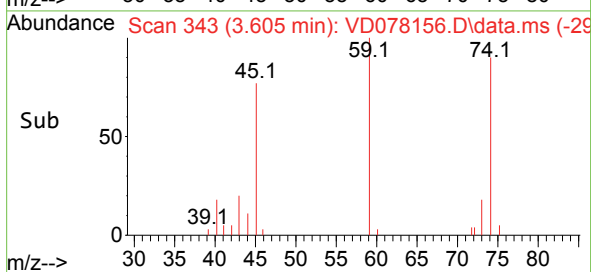
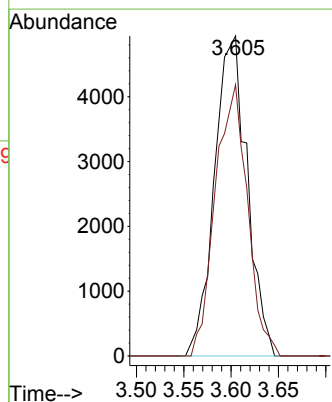
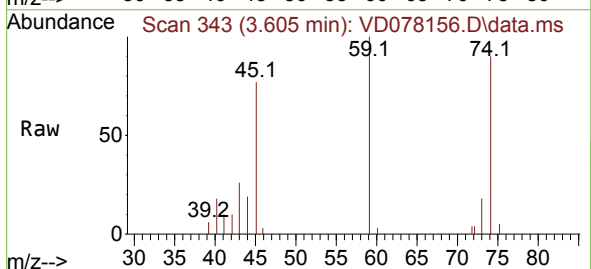
Instrument :
 MSVOA_D
 ClientSampleId :

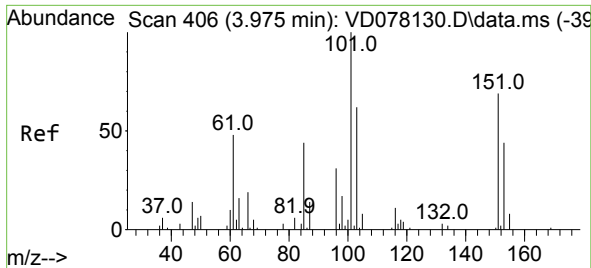
Tgt Ion:101 Resp: 42314
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 24.652 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. -0.000 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

Tgt Ion: 74 Resp: 11871
 Ion Ratio Lower Upper
 74 100
 45 83.2 37.5 112.7

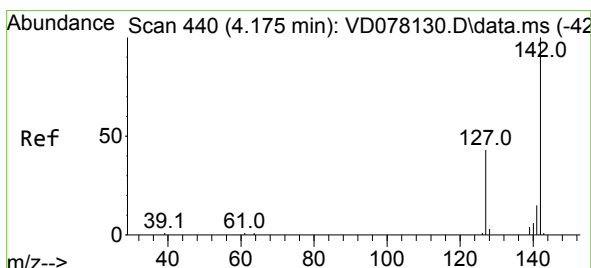
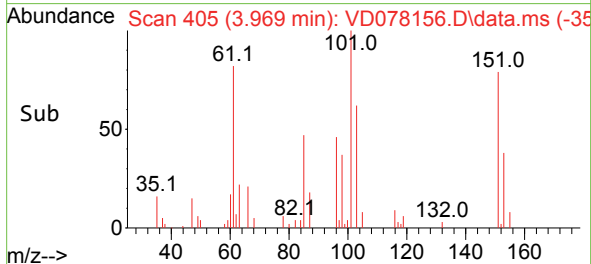
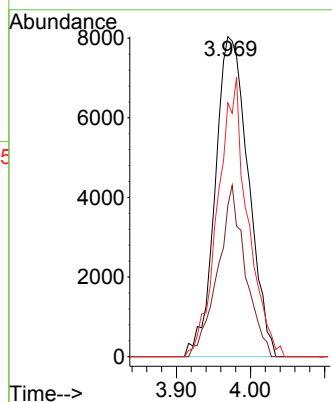
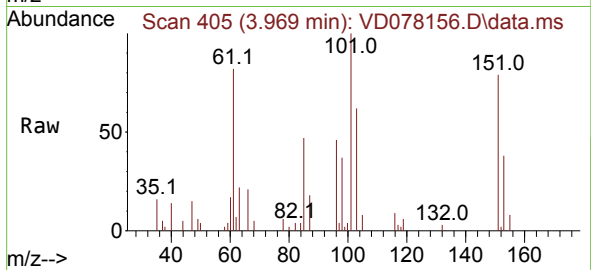




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.861 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

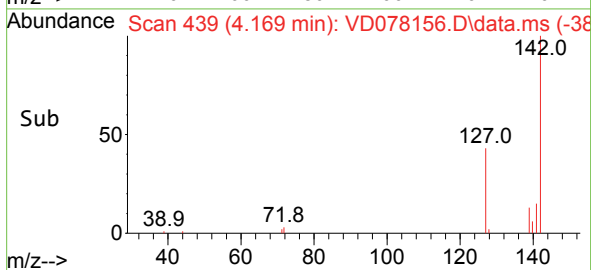
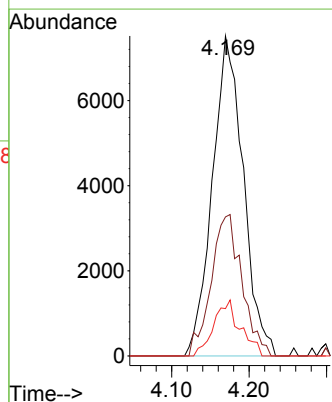
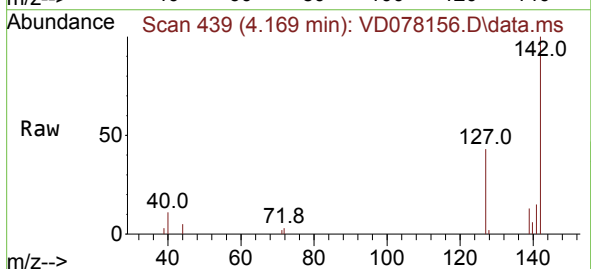
Instrument :
MSVOA_D
ClientSampleId :

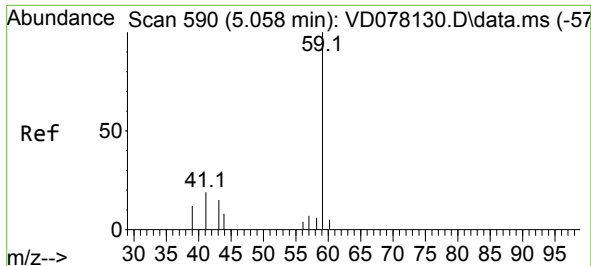
Tgt Ion:101 Resp: 24954
Ion Ratio Lower Upper
101 100
85 44.6 33.8 50.6
151 78.6 59.8 89.6



#10
Methyl Iodide
Concen: 20.727 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

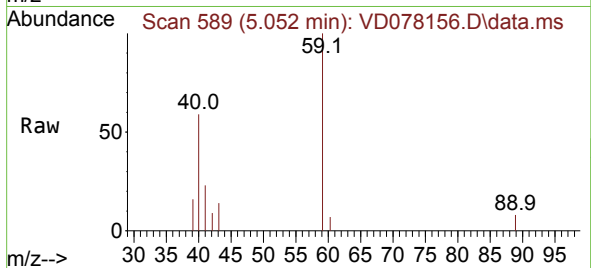
Tgt Ion:142 Resp: 20820
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 15.0 11.1 16.7



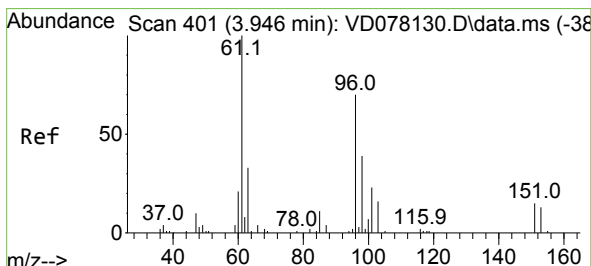
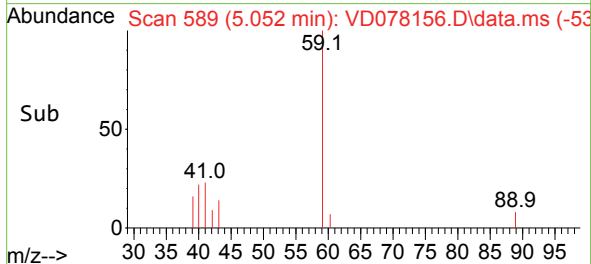
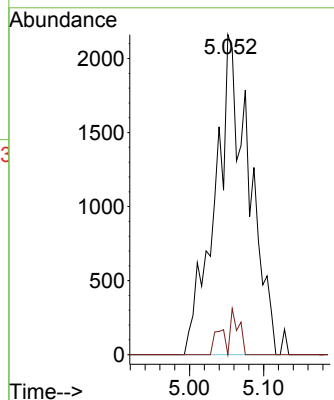


#11
Tert butyl alcohol
Concen: 137.733 ug/l
RT: 5.052 min Scan# 590
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

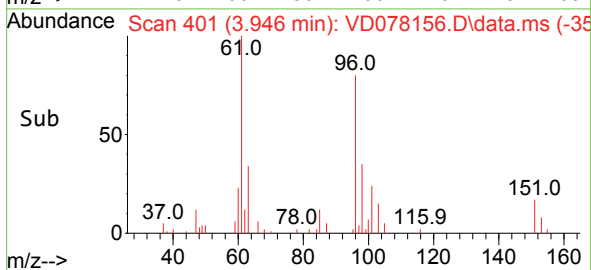
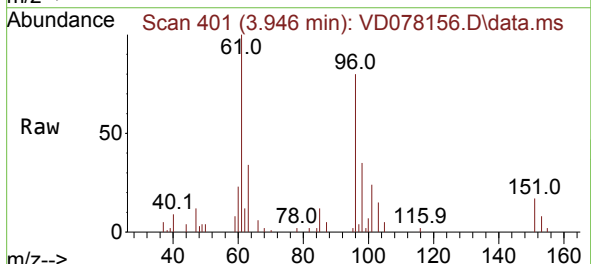
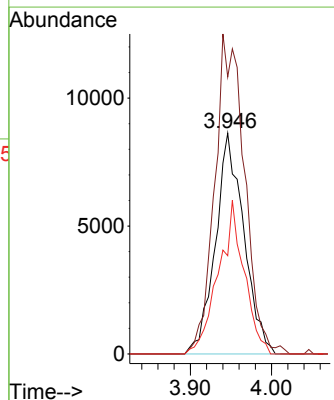


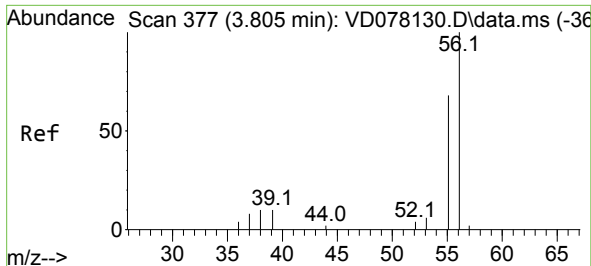
Tgt Ion: 59 Resp: 6904
Ion Ratio Lower Upper
59 100
57 3.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 22.672 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 96 Resp: 20956
Ion Ratio Lower Upper
96 100
61 125.4 100.6 150.8
98 44.5 50.2 75.2#





#13

Acrolein

Concen: 122.369 ug/l

RT: 3.805 min Scan# 31

Delta R.T. -0.000 min

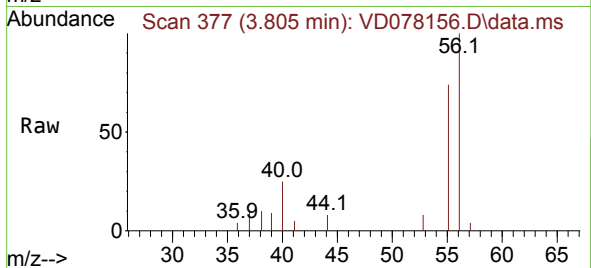
Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

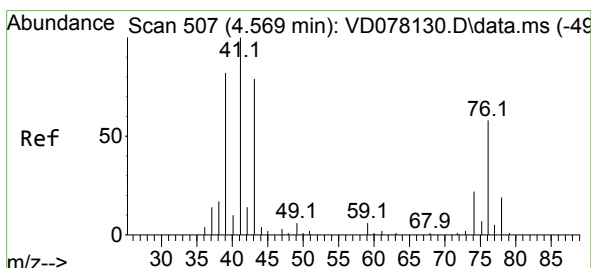
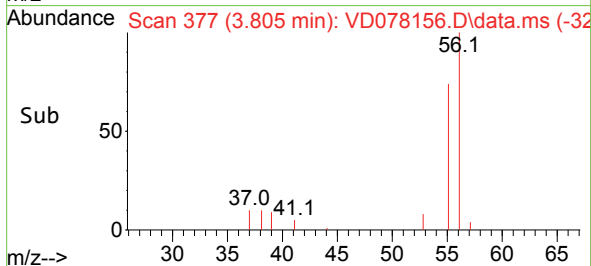
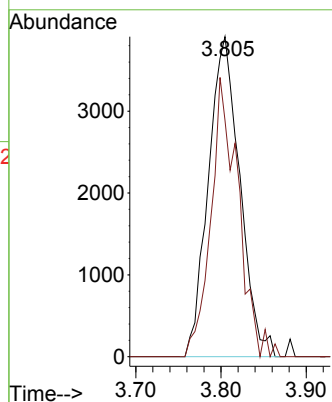


Tgt Ion: 56 Resp: 10035

Ion Ratio Lower Upper

56 100

55 75.6 55.1 82.7



#14

Allyl chloride

Concen: 23.669 ug/l

RT: 4.569 min Scan# 507

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

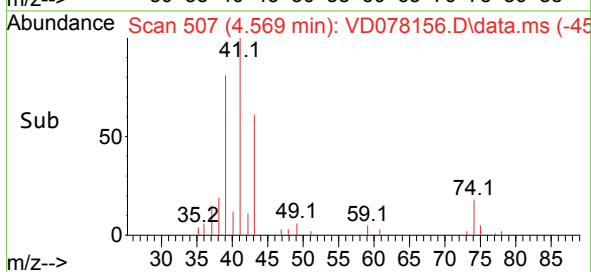
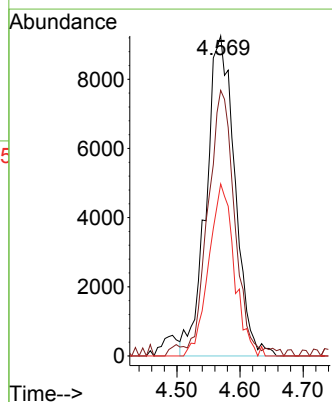
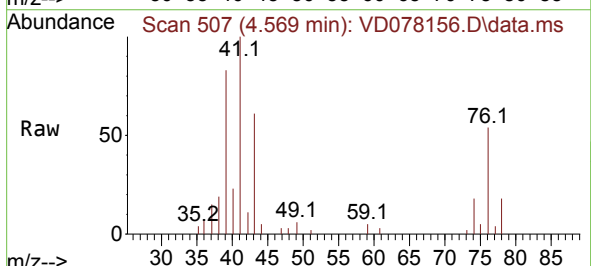
Tgt Ion: 41 Resp: 29226

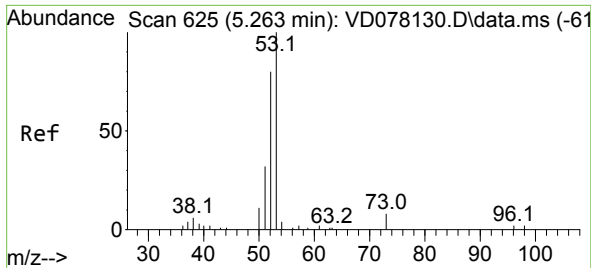
Ion Ratio Lower Upper

41 100

39 73.7 53.8 80.6

76 47.9 45.8 68.8

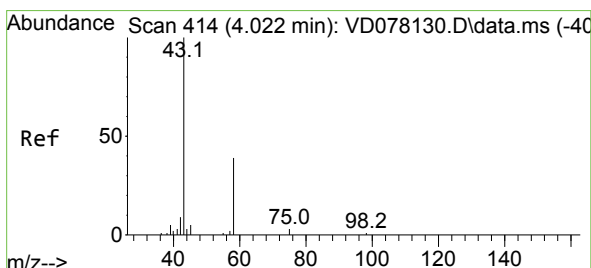
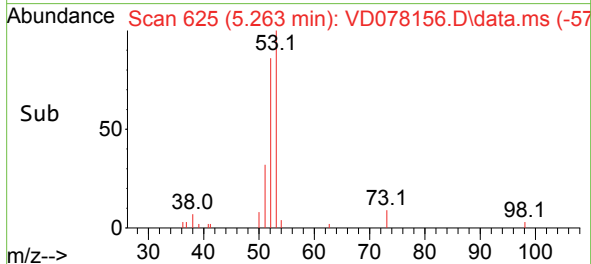
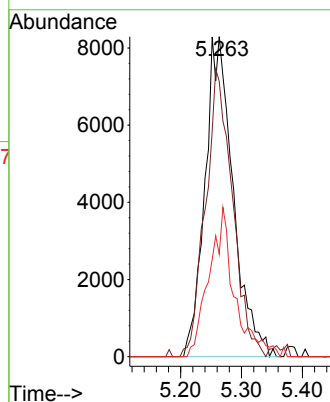
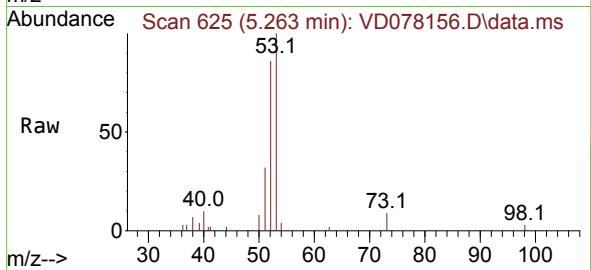




#15
Acrylonitrile
Concen: 118.833 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

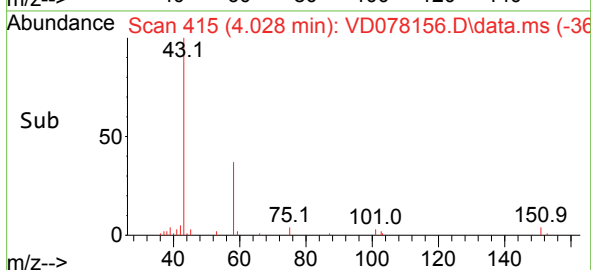
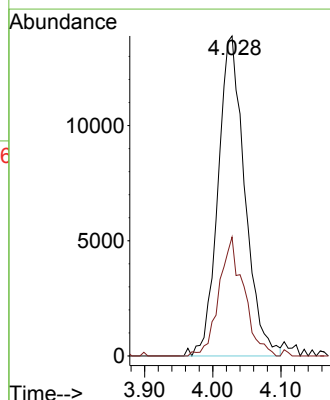
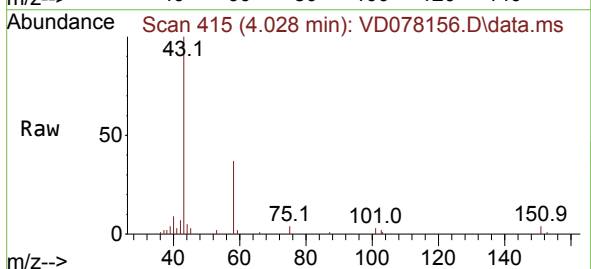
Instrument :
MSVOA_D
ClientSampleId :

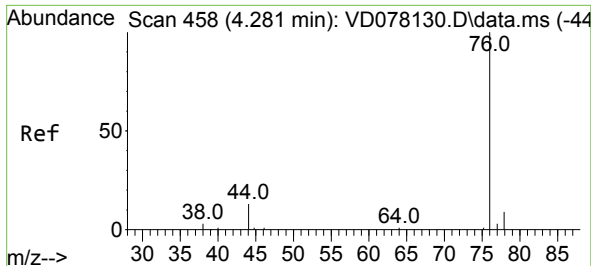
Tgt Ion:	53	Resp:	26772
Ion	Ratio	Lower	Upper
53	100		
52	85.5	65.0	97.4
51	42.1	28.3	42.5



#16
Acetone
Concen: 158.770 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion:	43	Resp:	37965
Ion	Ratio	Lower	Upper
43	100		
58	37.1	34.7	52.1

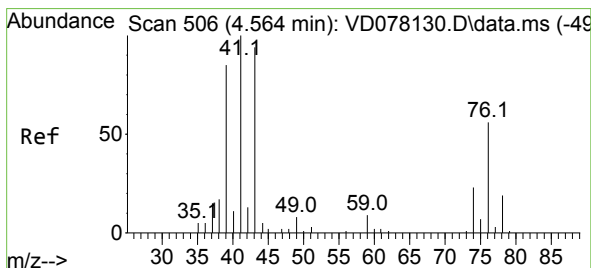
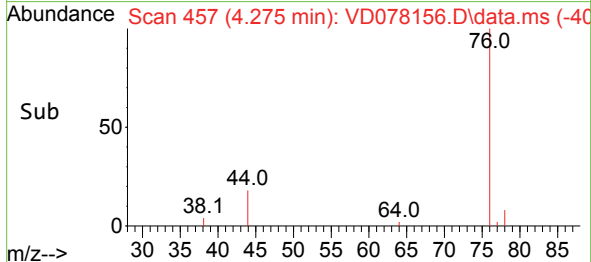
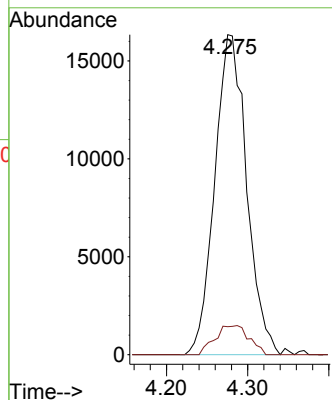
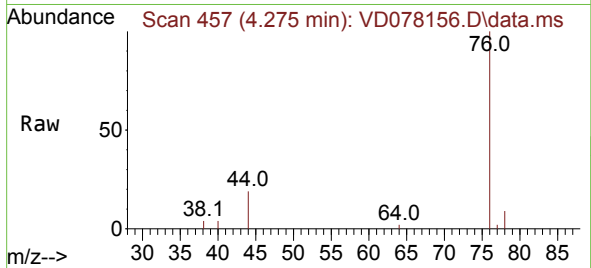




#17
Carbon Disulfide
Concen: 21.629 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

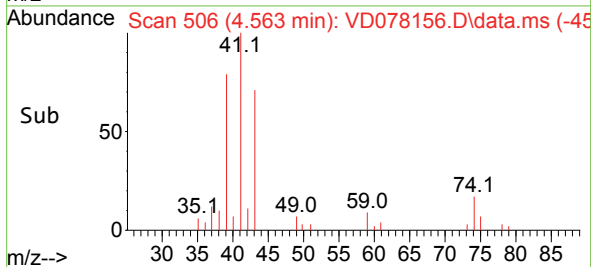
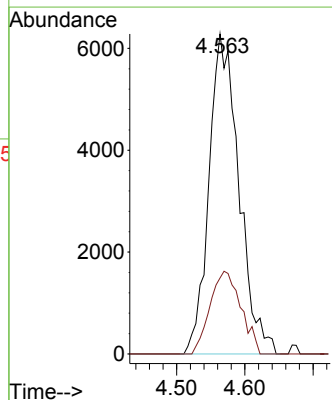
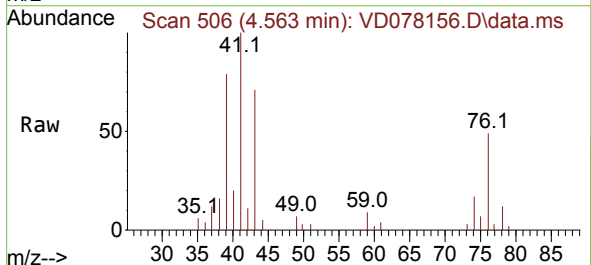
Instrument :
MSVOA_D
ClientSampleId :

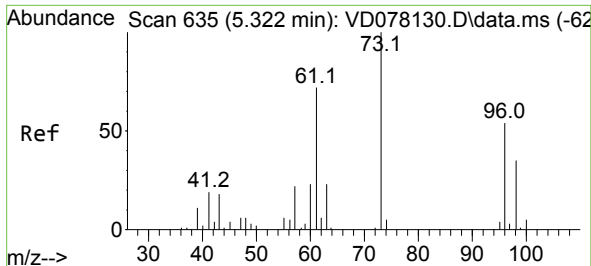
Tgt Ion: 76 Resp: 44556
Ion Ratio Lower Upper
76 100
78 8.8 6.8 10.2



#18
Methyl Acetate
Concen: 21.677 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 43 Resp: 19198
Ion Ratio Lower Upper
43 100
74 26.6 26.4 39.6

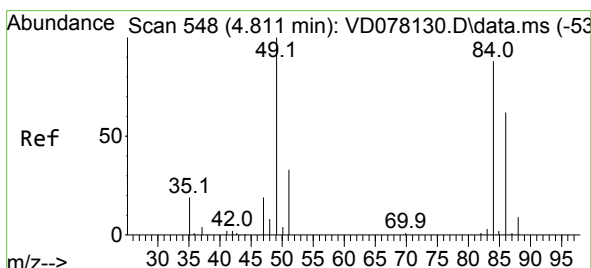
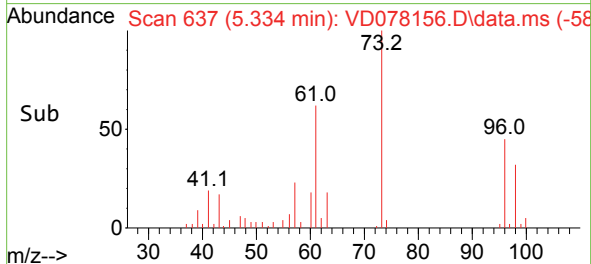
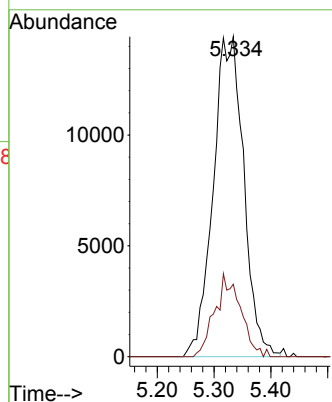
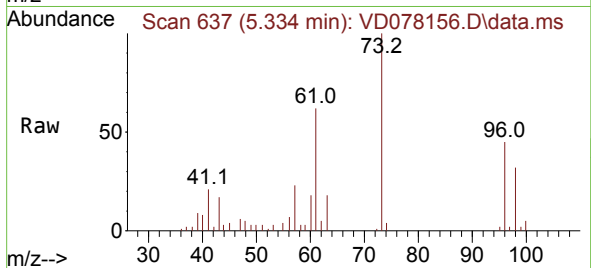




#19
Methyl tert-butyl Ether
Concen: 24.182 ug/l
RT: 5.334 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

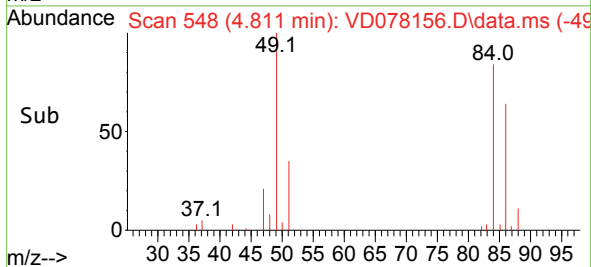
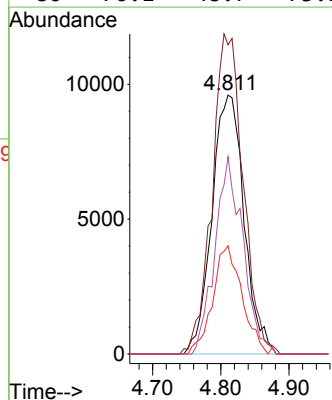
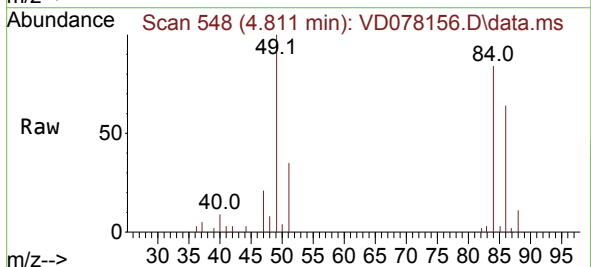
Instrument :
MSVOA_D
ClientSampleId :

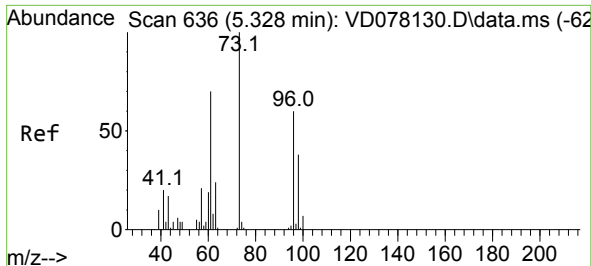
Tgt Ion: 73 Resp: 53851
Ion Ratio Lower Upper
73 100
57 22.6 16.6 25.0



#20
Methylene Chloride
Concen: 22.514 ug/l
RT: 4.811 min Scan# 548
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

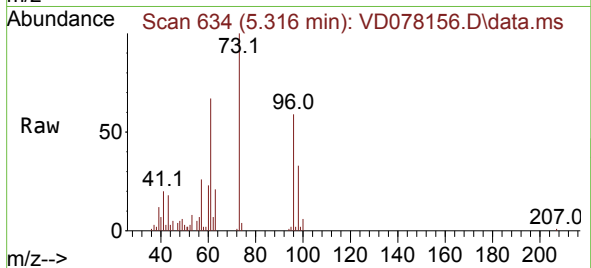
Tgt Ion: 84 Resp: 31355
Ion Ratio Lower Upper
84 100
49 119.4 71.4 107.2#
51 41.8 24.5 36.7#
86 76.1 48.7 73.1#



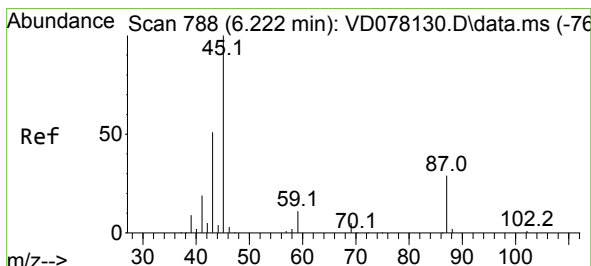
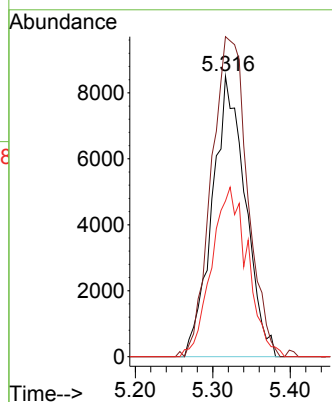
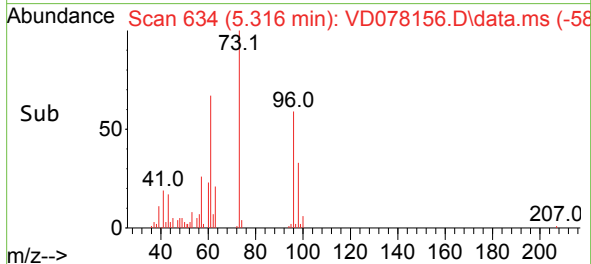


#21
trans-1,2-Dichloroethene
Concen: 23.945 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

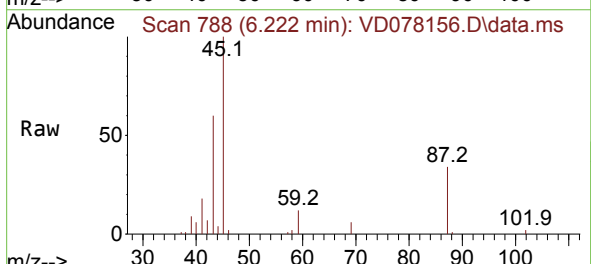
Instrument :
MSVOA_D
ClientSampleId :



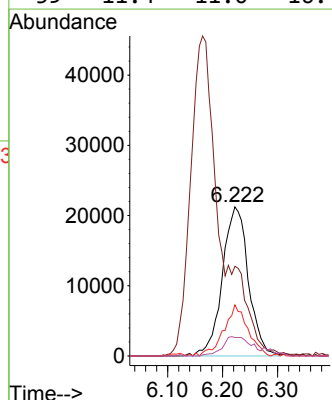
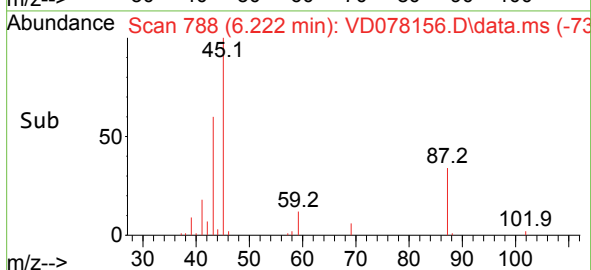
Tgt Ion: 96 Resp: 25188
Ion Ratio Lower Upper
96 100
61 114.1 89.3 133.9
98 55.5 48.6 73.0

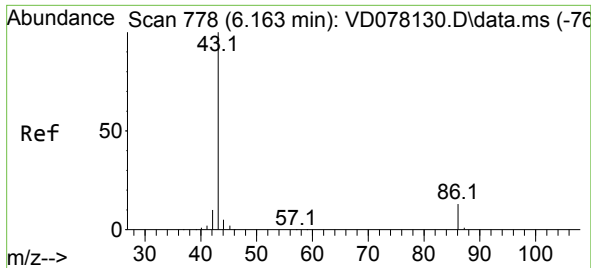


#22
Diisopropyl ether
Concen: 24.126 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52



Tgt Ion: 45 Resp: 70050
Ion Ratio Lower Upper
45 100
43 58.7 40.0 60.0
87 34.2 28.2 42.4
59 11.4 11.0 16.4

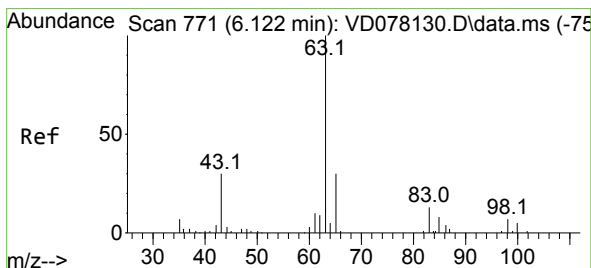
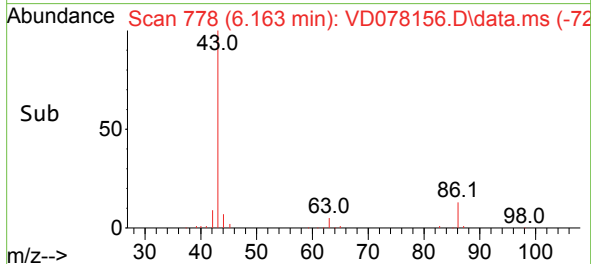
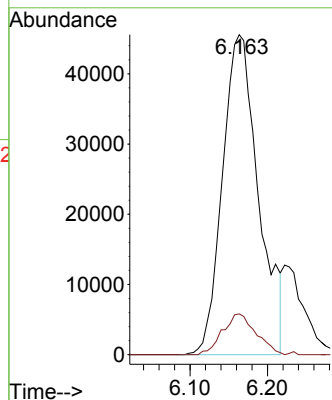
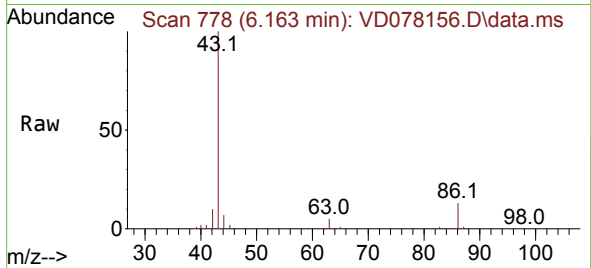




#23
 Vinyl Acetate
 Concen: 113.269 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

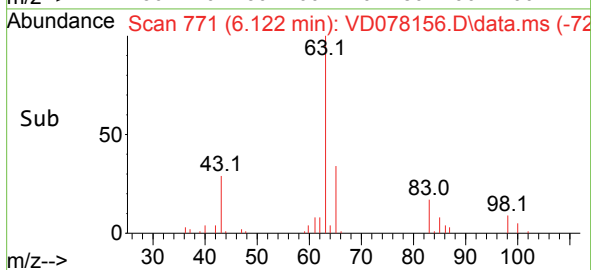
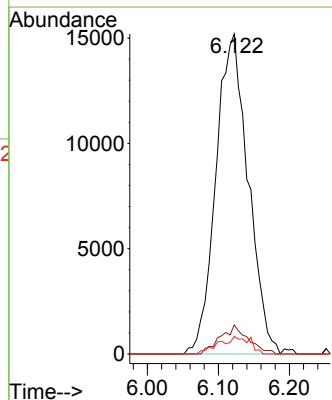
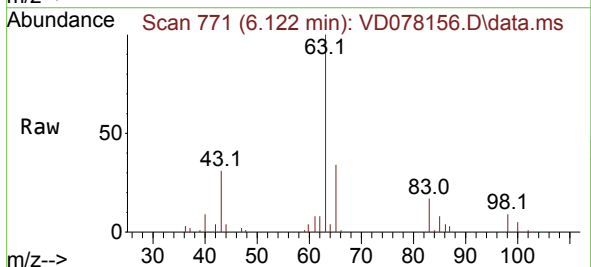
Instrument :
 MSVOA_D
 ClientSampleId :

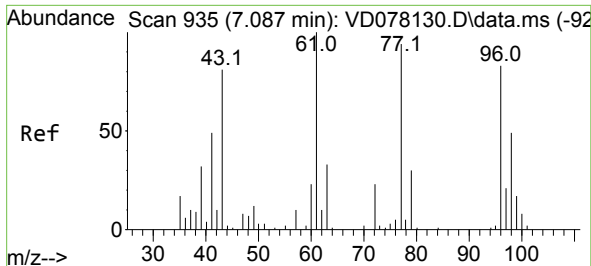
Tgt Ion: 43 Resp: 147738
 Ion Ratio Lower Upper
 43 100
 86 12.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 23.671 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

Tgt Ion: 63 Resp: 47952
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 5.4 2.5 7.5

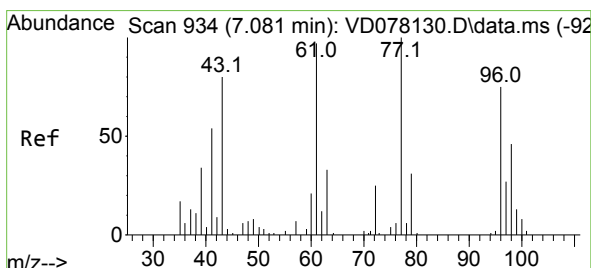
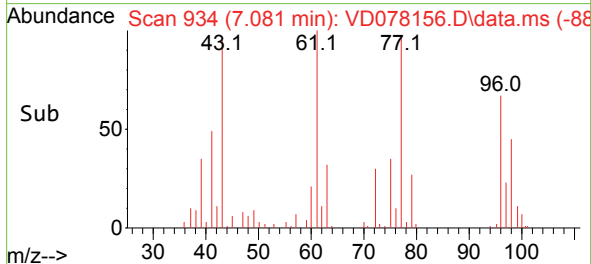
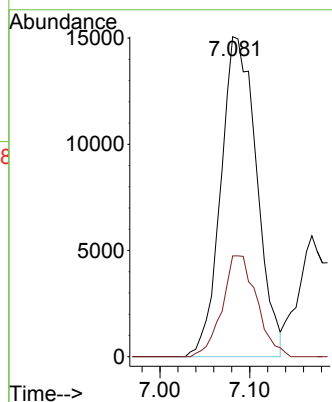
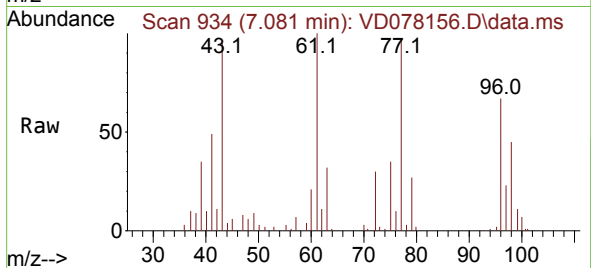




#25
2-Butanone
Concen: 137.240 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

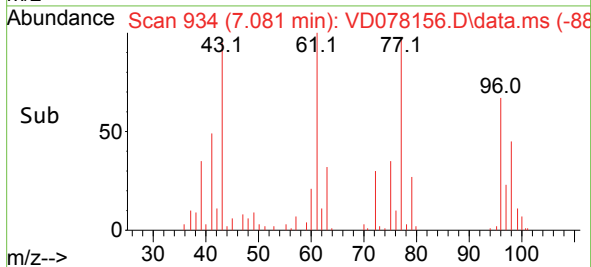
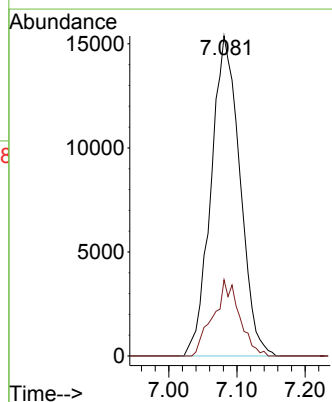
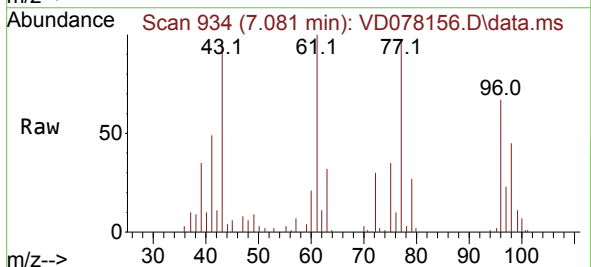
Instrument :
MSVOA_D
ClientSampleId :

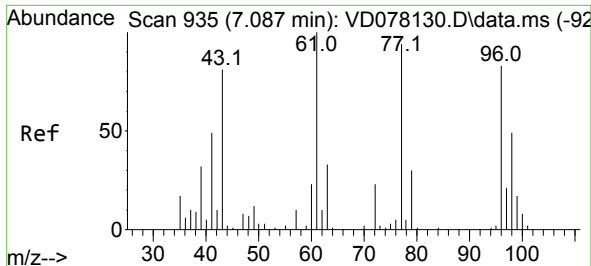
Tgt Ion: 43 Resp: 41714
Ion Ratio Lower Upper
43 100
72 31.5 30.7 46.1



#26
2,2-Dichloropropane
Concen: 25.027 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 77 Resp: 45351
Ion Ratio Lower Upper
77 100
97 21.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 24.236 ug/l

RT: 7.087 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

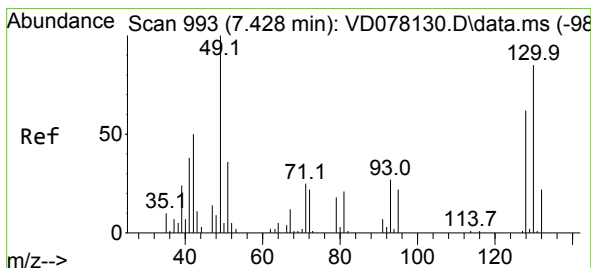
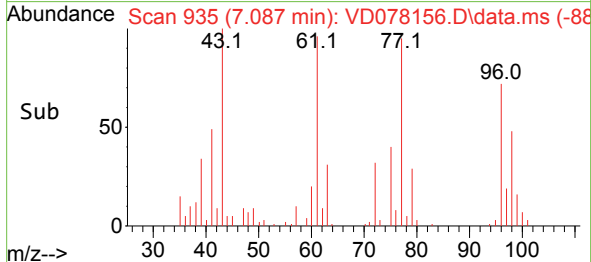
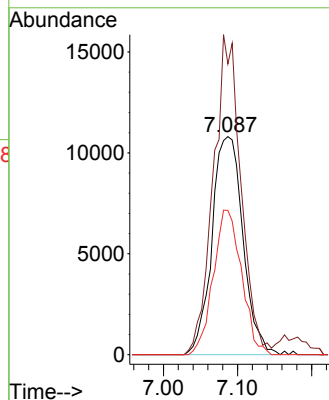
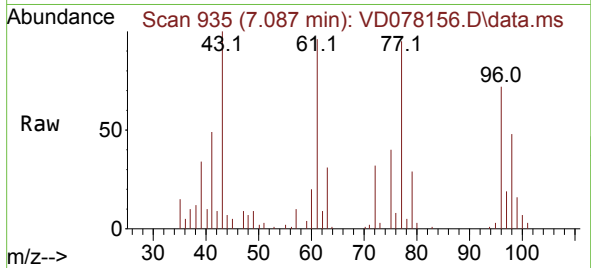
Tgt Ion: 96 Resp: 31344

Ion Ratio Lower Upper

96 100

61 131.2 0.0 239.2

98 60.7 0.0 128.6



#28

Bromochloromethane

Concen: 22.852 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

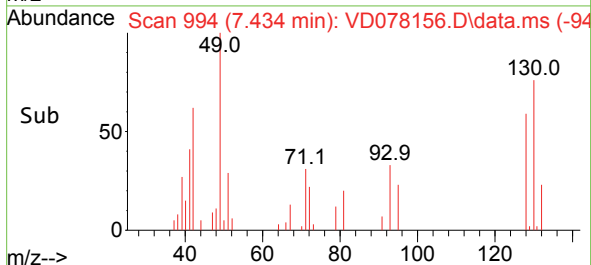
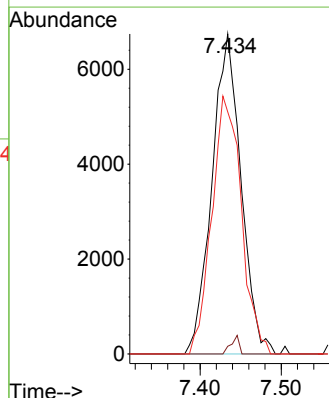
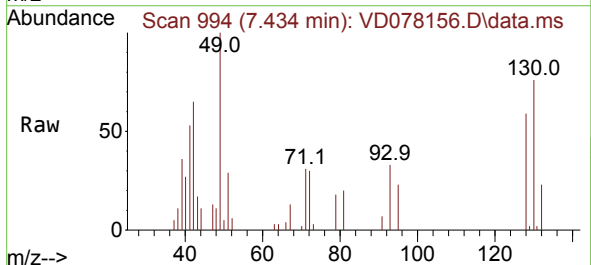
Tgt Ion: 49 Resp: 16785

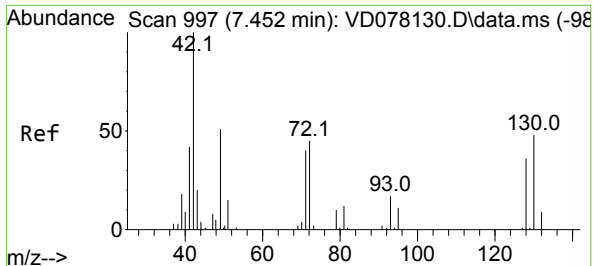
Ion Ratio Lower Upper

49 100

129 1.6 0.0 6.0

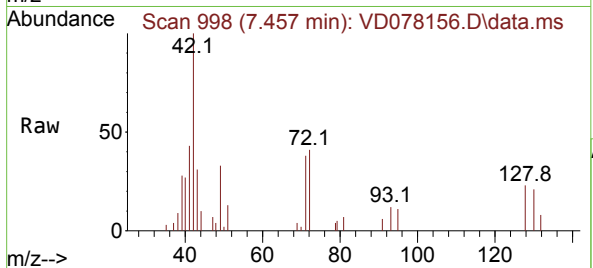
130 81.8 83.2 124.8#



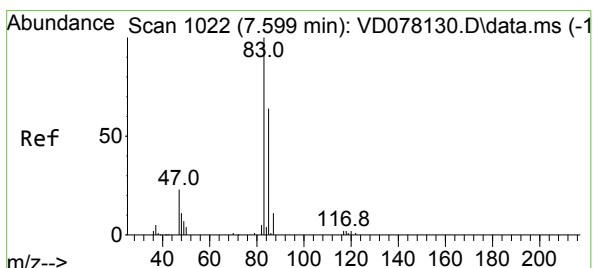
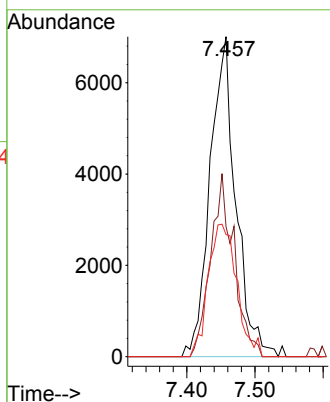
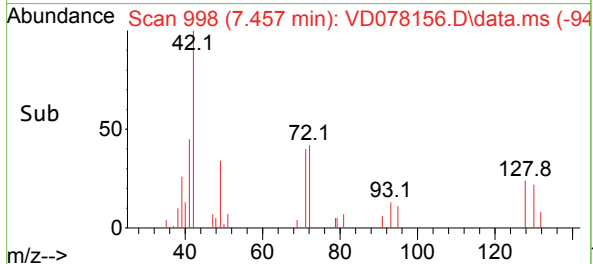


#29
Tetrahydrofuran
Concen: 115.446 ug/l
RT: 7.457 min Scan# 998
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

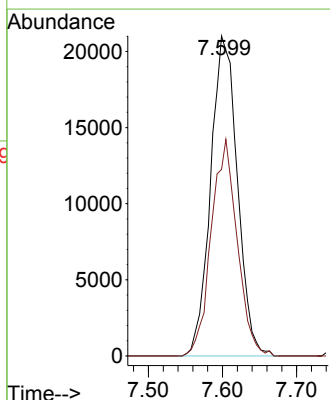
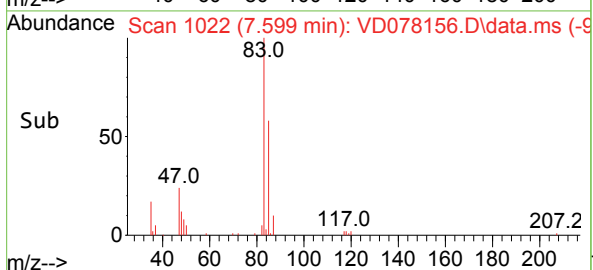
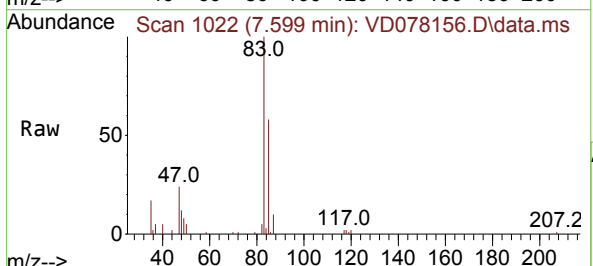


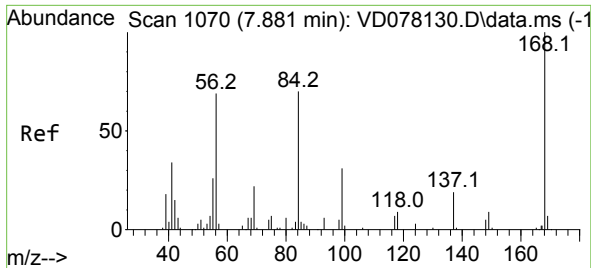
Tgt Ion: 42 Resp: 18409
Ion Ratio Lower Upper
42 100
72 52.1 46.5 69.7
71 46.0 44.5 66.7



#30
Chloroform
Concen: 24.001 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

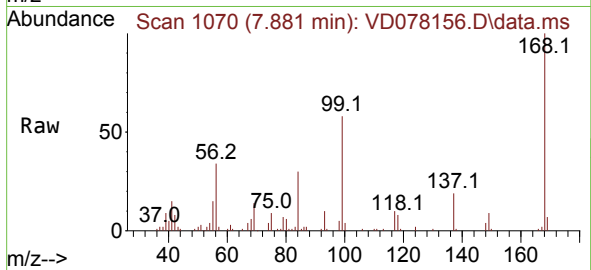
Tgt Ion: 83 Resp: 52701
Ion Ratio Lower Upper
83 100
85 58.3 53.4 80.2



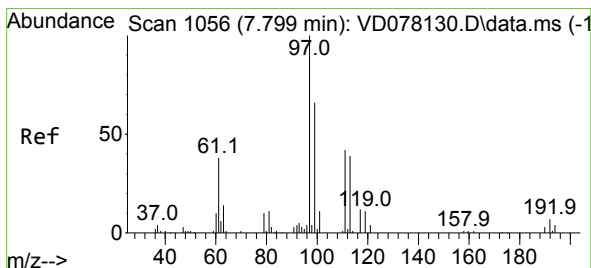
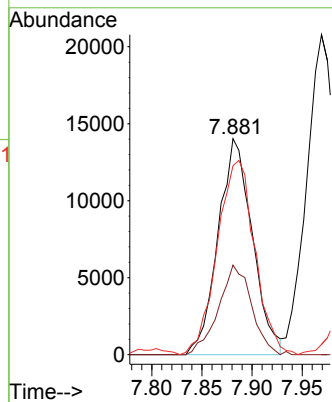
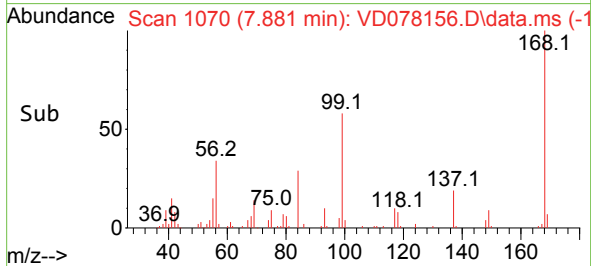


#31
Cyclohexane
Concen: 22.442 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

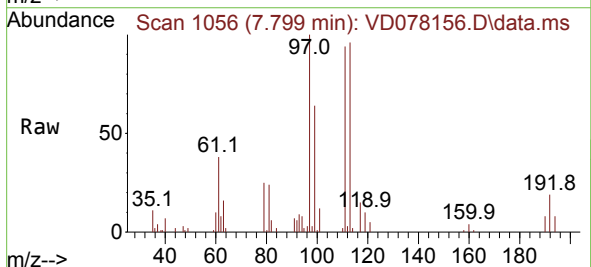
Instrument :
MSVOA_D
ClientSampleId :



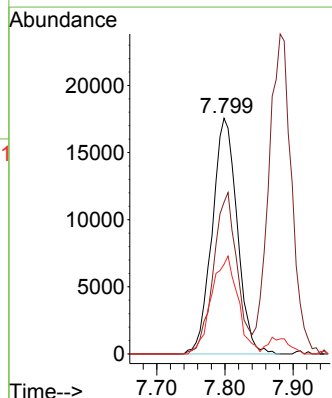
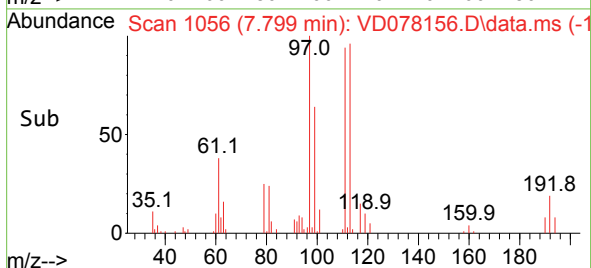
Tgt Ion: 56 Resp: 33411
Ion Ratio Lower Upper
56 100
69 41.5 28.6 43.0
84 87.5 84.8 127.2

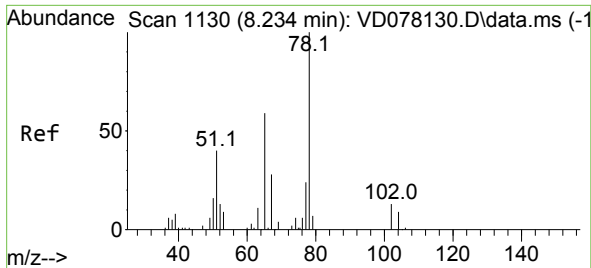


#32
1,1,1-Trichloroethane
Concen: 23.604 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52



Tgt Ion: 97 Resp: 44832
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 43.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.266 ug/l

RT: 8.240 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

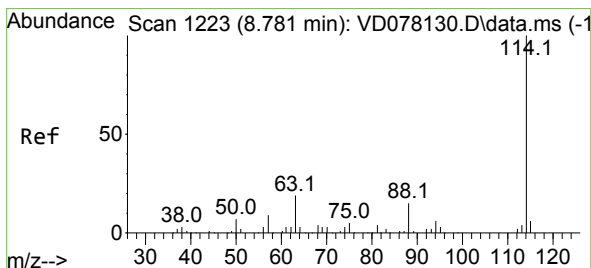
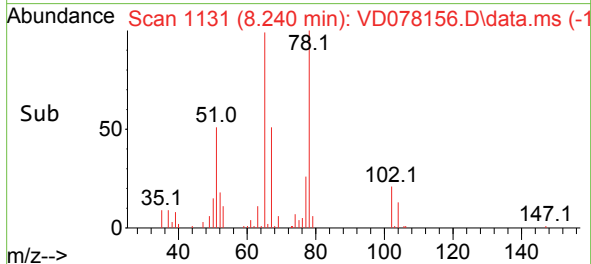
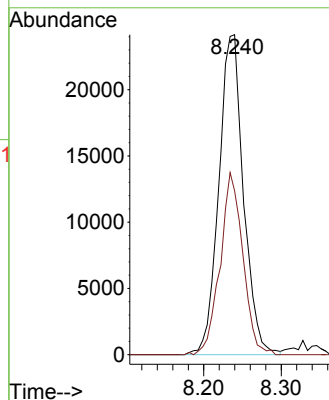
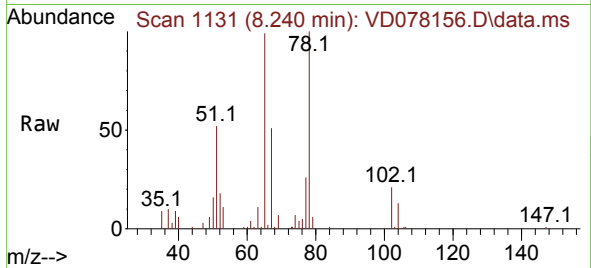
ClientSampleId :

Tgt Ion: 65 Resp: 53394

Ion Ratio Lower Upper

65 100

67 52.5 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: VD078156.D

Acq: 15 Jan 2024 10:52

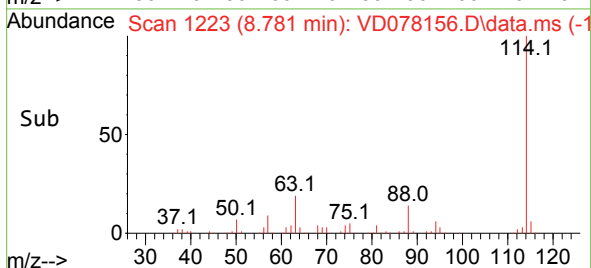
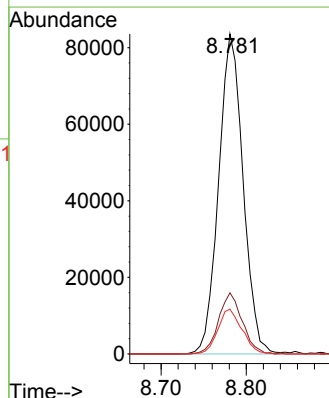
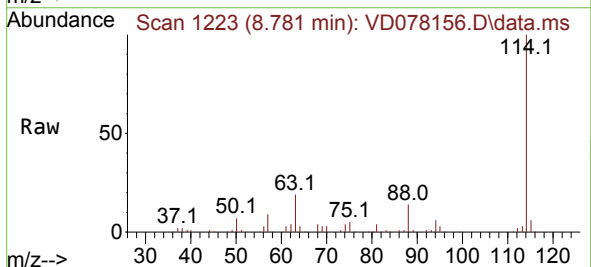
Tgt Ion: 114 Resp: 166688

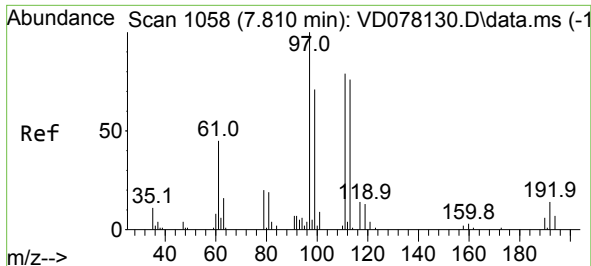
Ion Ratio Lower Upper

114 100

63 19.1 0.0 33.4

88 14.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 48.265 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

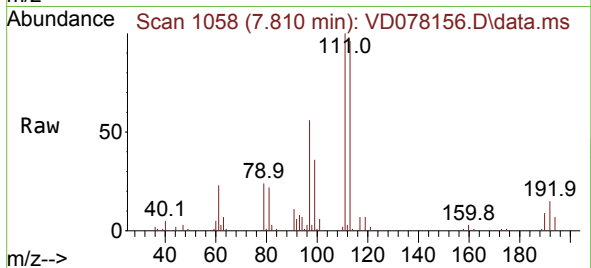
Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

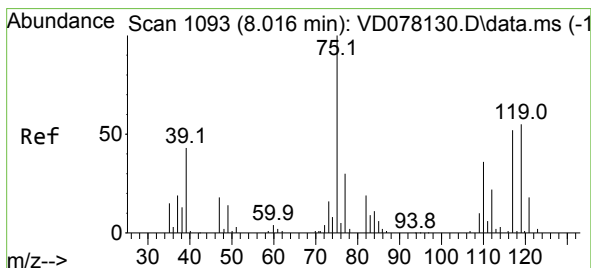
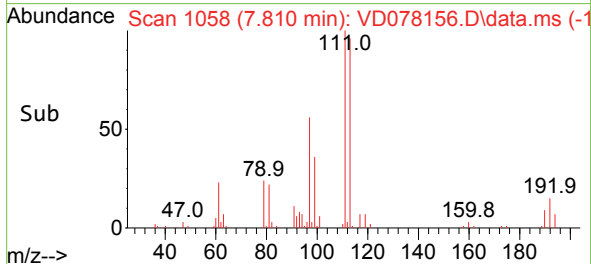
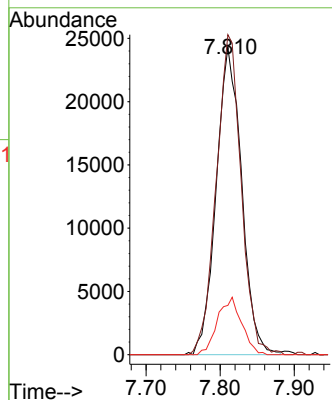
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	57982
Ion	Ratio	Lower	Upper
113	100		
111	102.0	84.7	127.1
192	17.8	16.8	25.2



#36

1,1-Dichloropropene

Concen: 21.530 ug/l

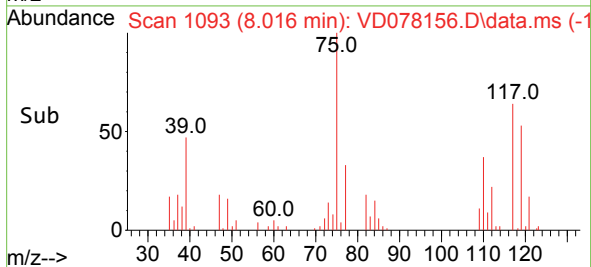
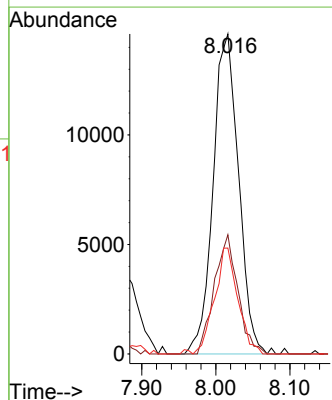
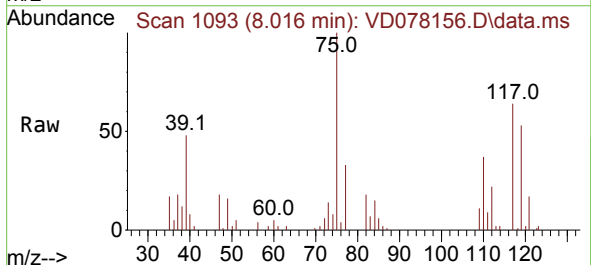
RT: 8.016 min Scan# 1093

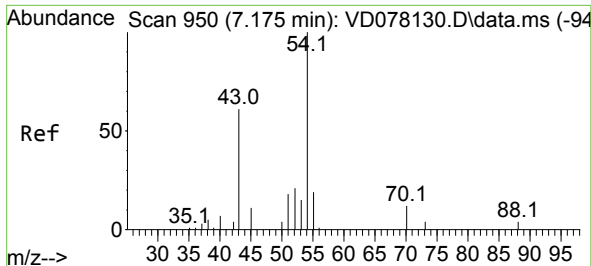
Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

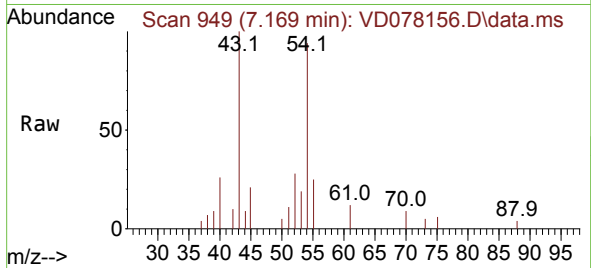
Tgt Ion:	75	Resp:	34923
Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.9	59.6
77	30.3	24.7	37.1



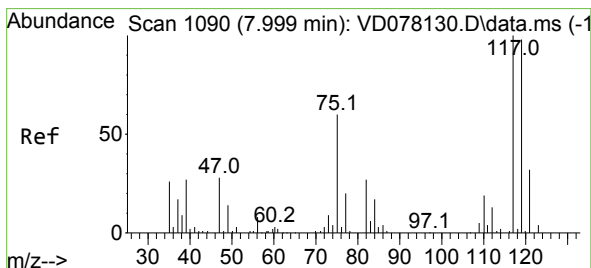
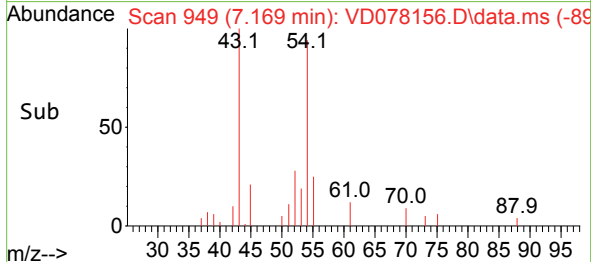
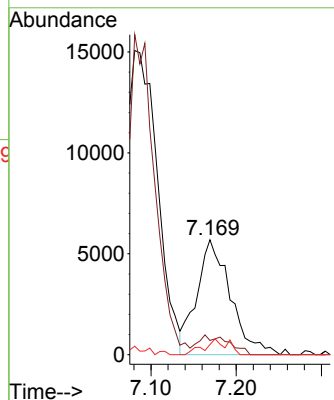


#37
Ethyl Acetate
Concen: 24.568 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

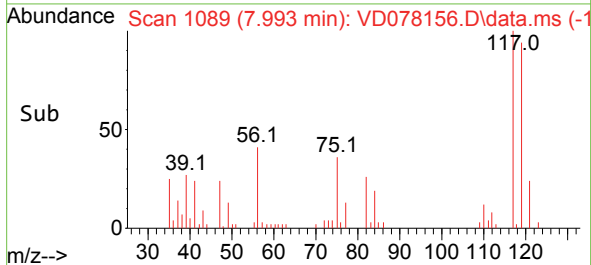
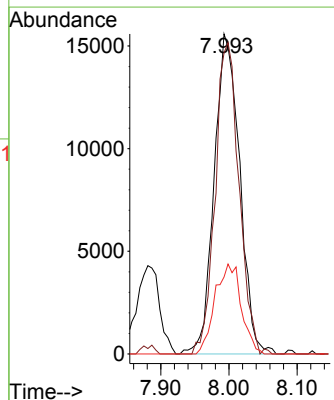
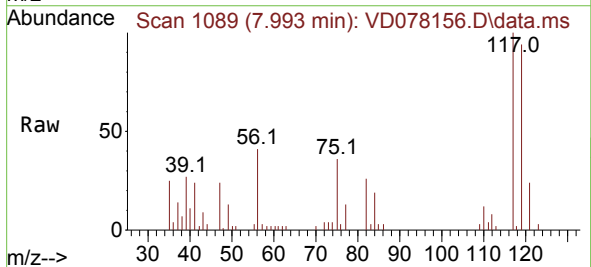


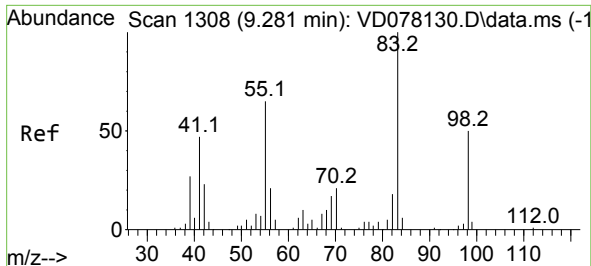
Tgt Ion: 43 Resp: 15684
Ion Ratio Lower Upper
43 100
61 15.3 14.9 22.3
70 9.5 10.0 15.0#



#38
Carbon Tetrachloride
Concen: 21.716 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 117 Resp: 40569
Ion Ratio Lower Upper
117 100
119 94.1 78.0 117.0
121 24.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 20.527 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.006 min

Lab File: VD078156.D

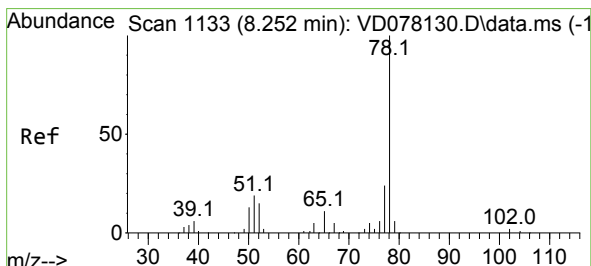
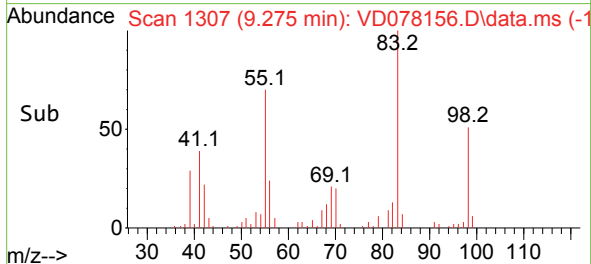
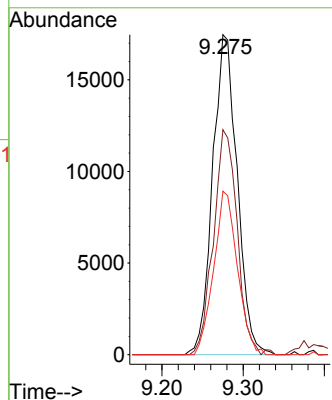
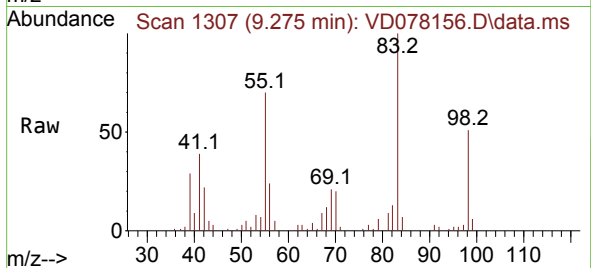
Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 36642
Ion Ratio	Lower Upper
83	100
55	70.3 49.4 74.0
98	51.1 38.4 57.6



#40

Benzene

Concen: 20.944 ug/l

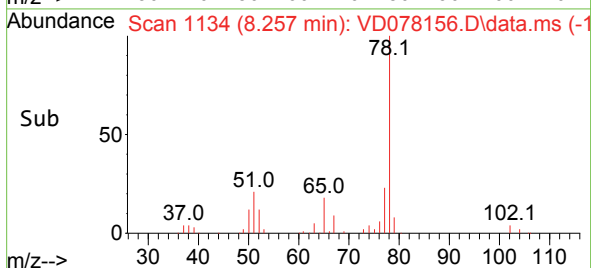
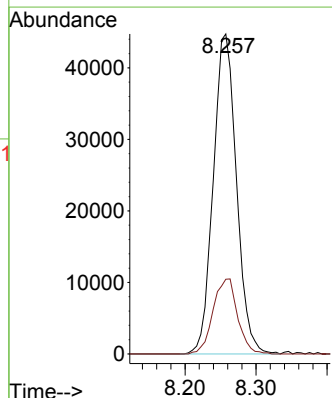
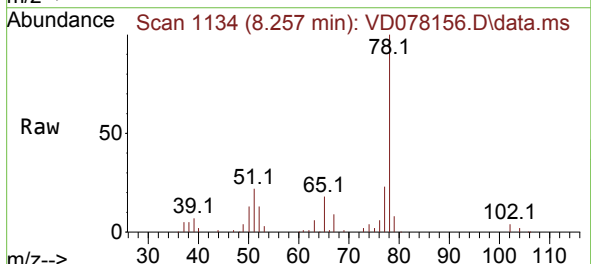
RT: 8.257 min Scan# 1134

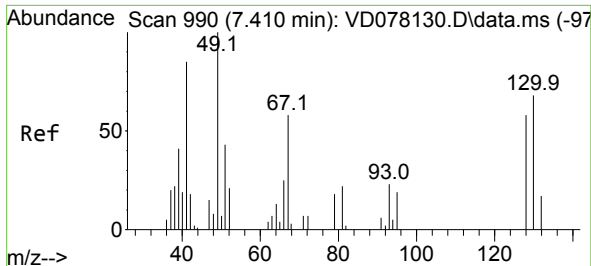
Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

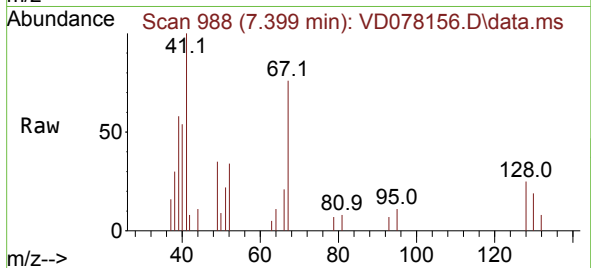
Tgt Ion: 78	Resp: 101405
Ion Ratio	Lower Upper
78	100
77	23.4 19.4 29.0



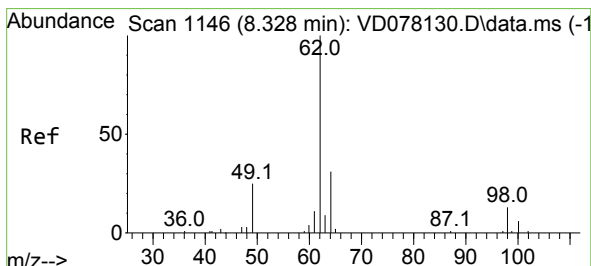
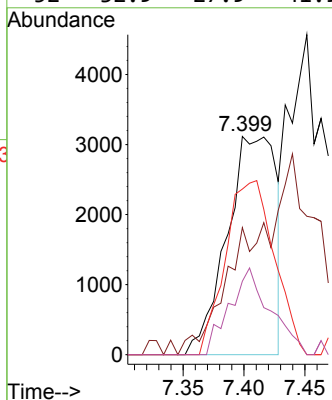
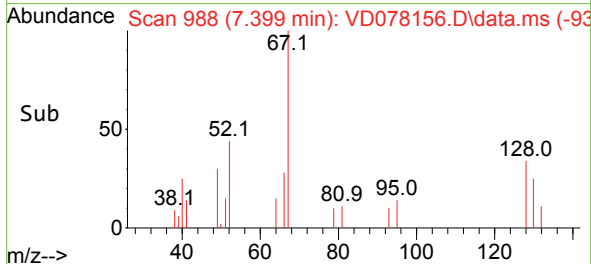


#41
Methacrylonitrile
Concen: 23.376 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

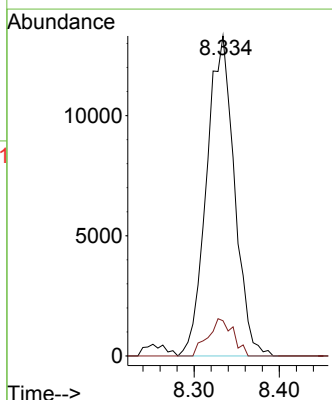
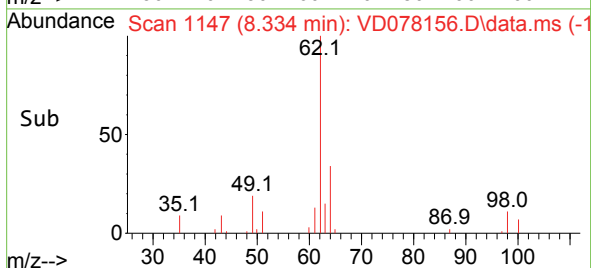
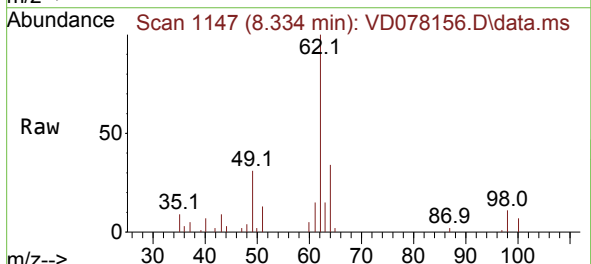


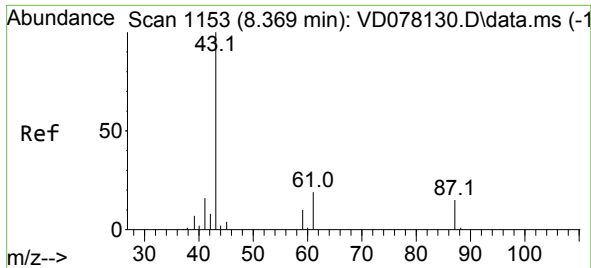
Tgt Ion: 41 Resp: 8760
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0#
67 79.2 77.0 115.4
52 32.9 27.9 41.9



#42
1,2-Dichloroethane
Concen: 22.146 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

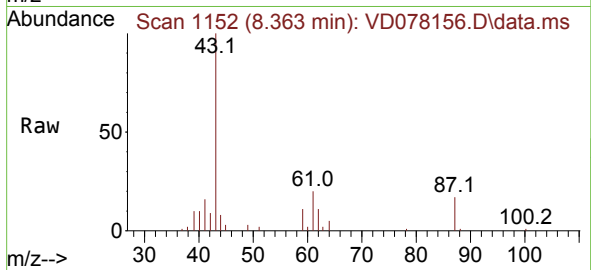
Tgt Ion: 62 Resp: 30175
Ion Ratio Lower Upper
62 100
98 10.5 0.0 25.4



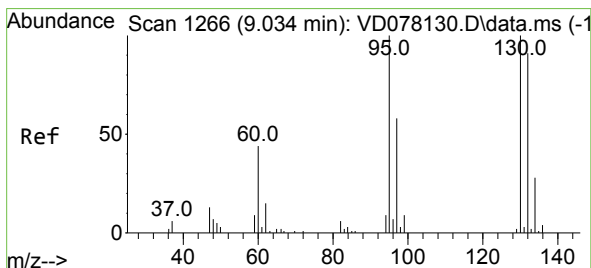
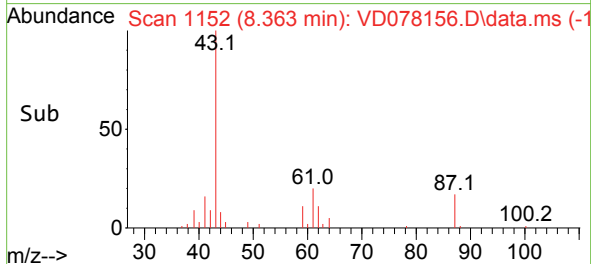
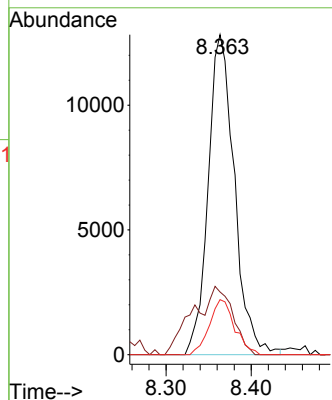


#43
Isopropyl Acetate
Concen: 22.256 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

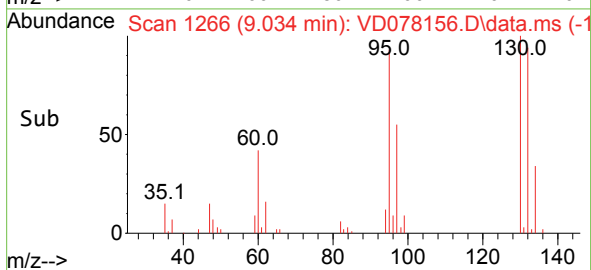
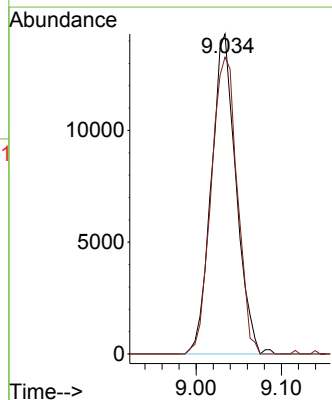
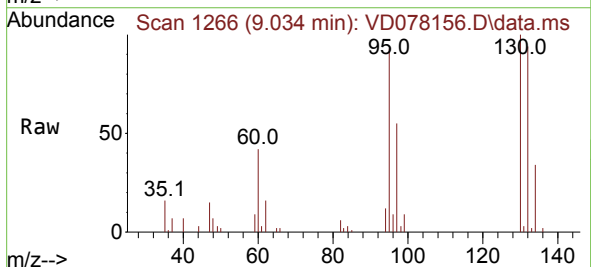


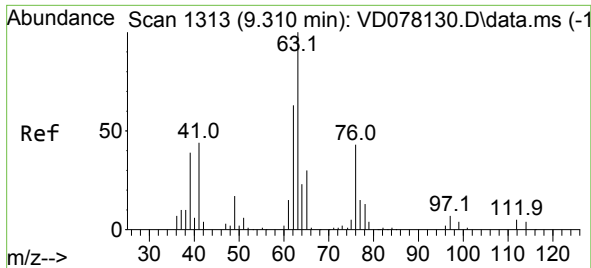
Tgt Ion: 43 Resp: 27390
Ion Ratio Lower Upper
43 100
61 18.9 31.4 47.0#
87 16.6 14.9 22.3



#44
Trichloroethene
Concen: 22.052 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion:130 Resp: 28869
Ion Ratio Lower Upper
130 100
95 92.7 0.0 179.2

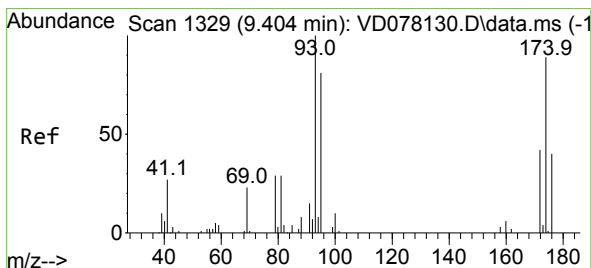
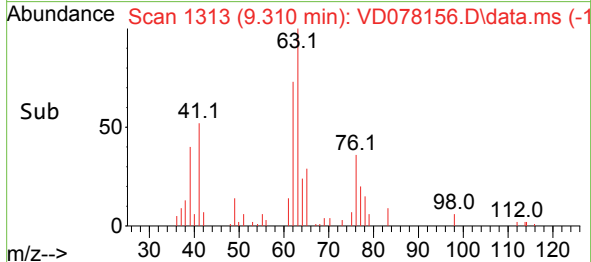
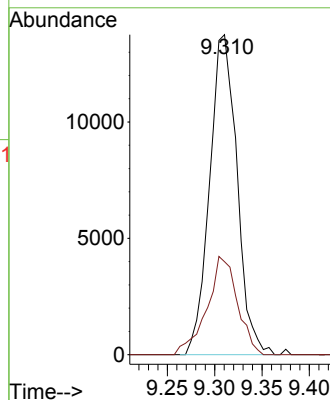
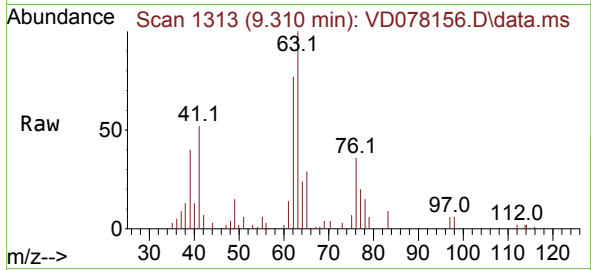




#45
1,2-Dichloropropane
Concen: 22.191 ug/l
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

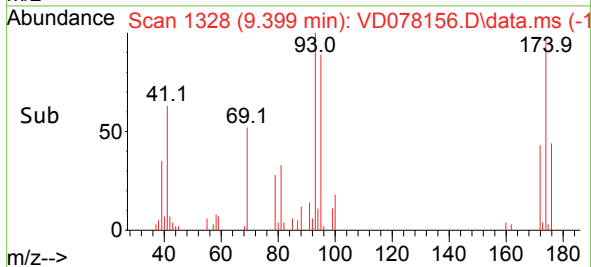
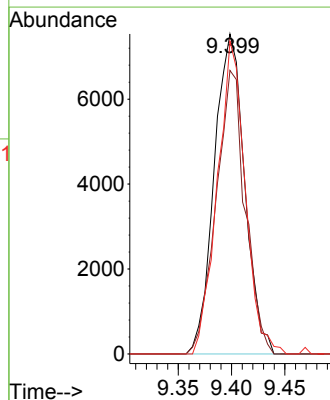
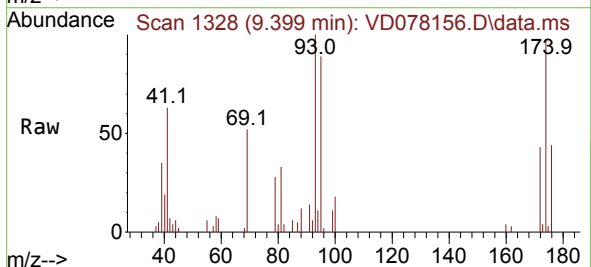
Instrument :
MSVOA_D
ClientSampleId :

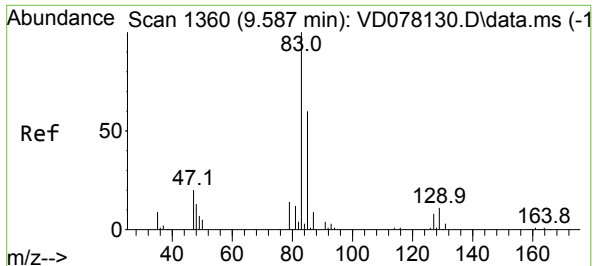
Tgt Ion: 63 Resp: 27709
Ion Ratio Lower Upper
63 100
65 29.0 24.5 36.7



#46
Dibromomethane
Concen: 21.590 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 93 Resp: 14915
Ion Ratio Lower Upper
93 100
95 85.1 67.7 101.5
174 89.6 85.4 128.2

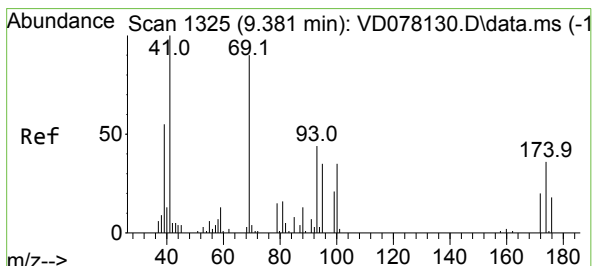
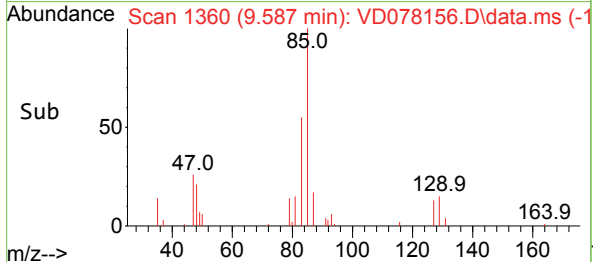
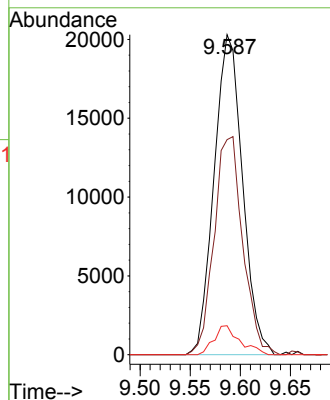
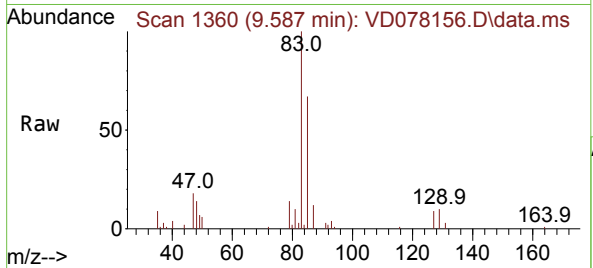




#47
Bromodichloromethane
Concen: 21.783 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

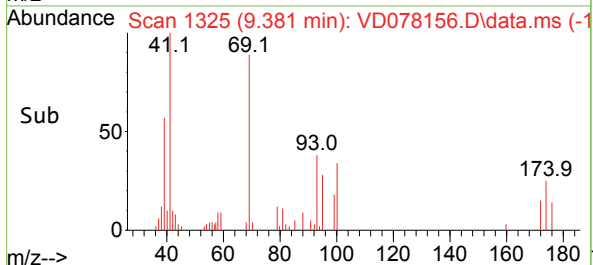
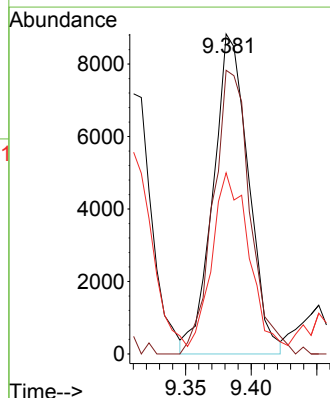
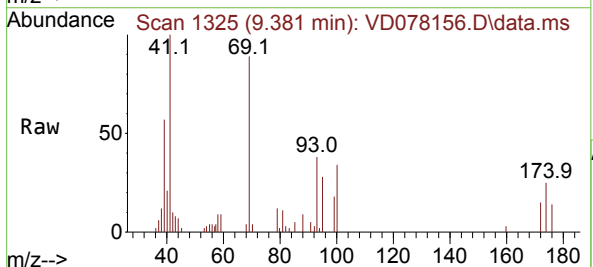
Instrument :
MSVOA_D
ClientSampleId :

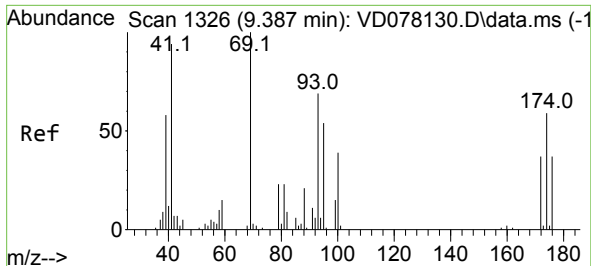
Tgt Ion: 83 Resp: 40007
Ion Ratio Lower Upper
83 100
85 67.2 50.2 75.4
127 9.0 6.3 9.5



#48
Methyl methacrylate
Concen: 24.320 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 41 Resp: 16540
Ion Ratio Lower Upper
41 100
69 92.6 102.2 153.2#
39 56.3 41.4 62.2





#49

1,4-Dioxane

Concen: 464.155 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. -0.000 min

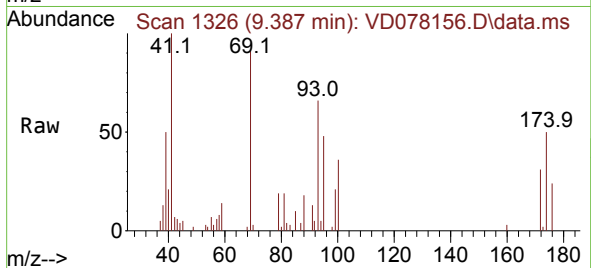
Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :



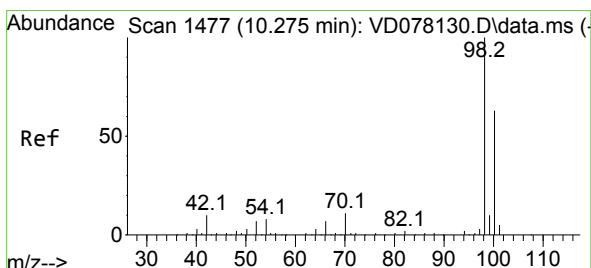
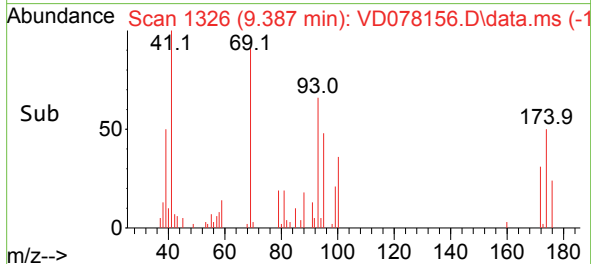
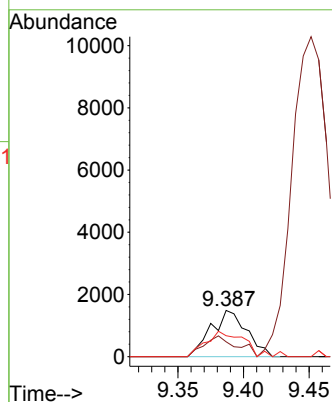
Tgt Ion: 88 Resp: 2803

Ion Ratio Lower Upper

88 100

43 41.0 19.0 28.6#

58 60.2 43.5 65.3



#50

Toluene-d8

Concen: 50.474 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. -0.000 min

Lab File: VD078156.D

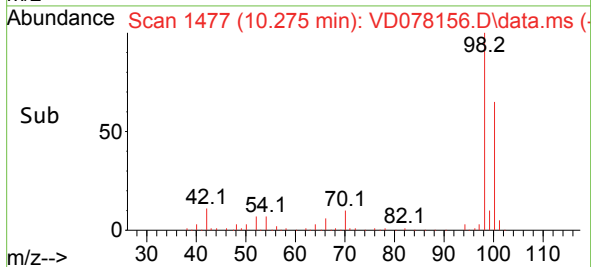
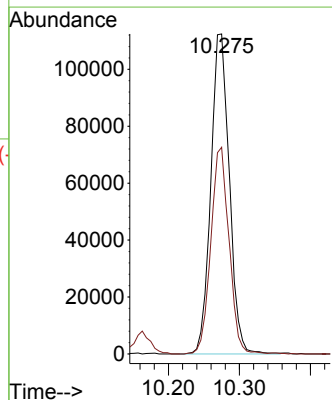
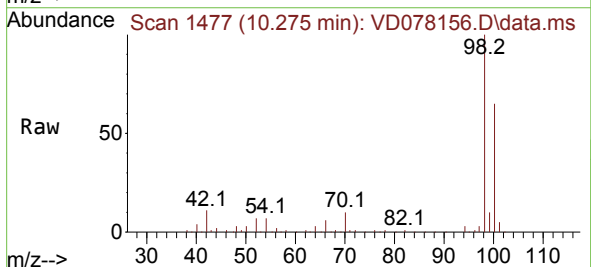
Acq: 15 Jan 2024 10:52

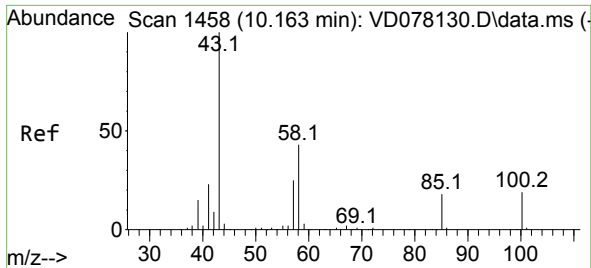
Tgt Ion: 98 Resp: 203351

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

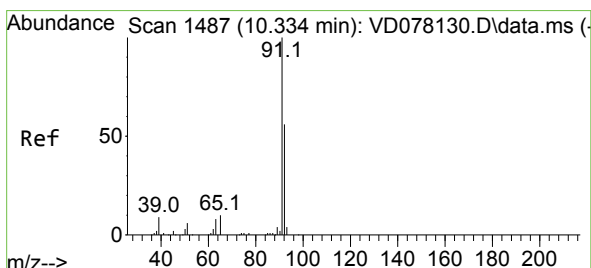
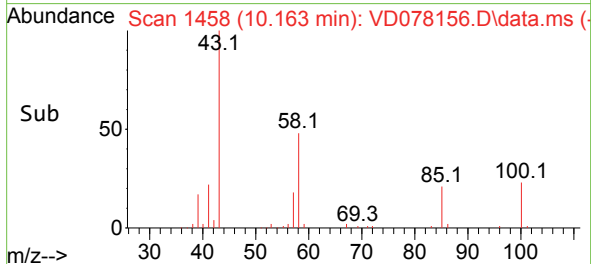
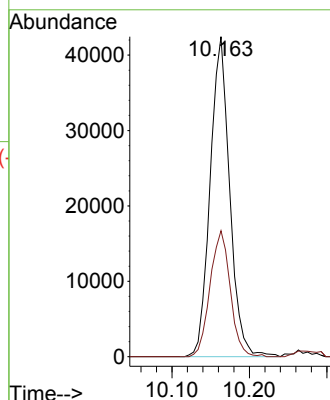
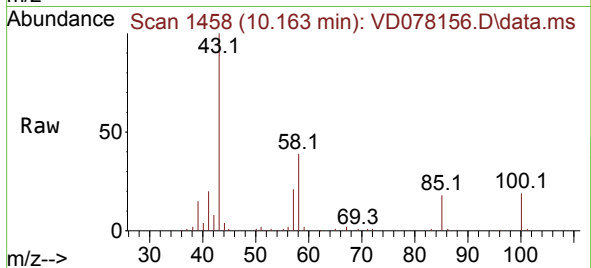




#51
4-Methyl-2-Pentanone
Concen: 116.604 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

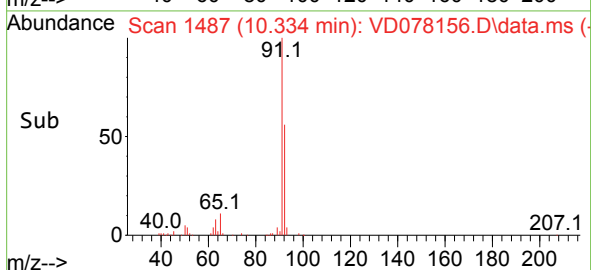
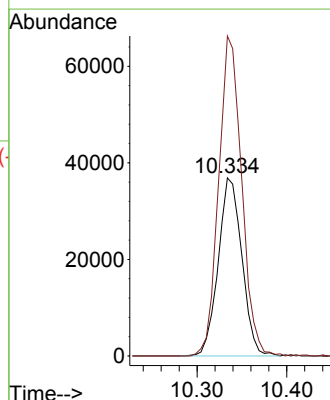
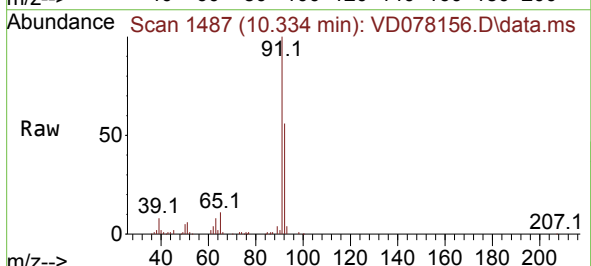
Instrument :
MSVOA_D
ClientSampleId :

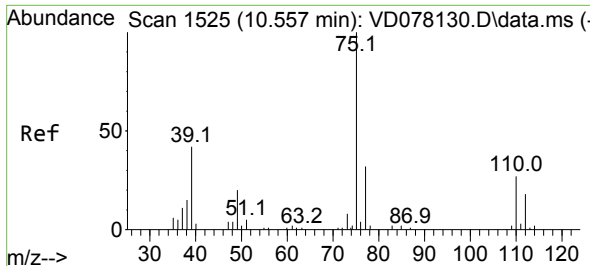
Tgt Ion:	43	Resp:	74349
Ion Ratio	Lower	Upper	
43	100		
58	40.7	38.9	58.3



#52
Toluene
Concen: 22.089 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

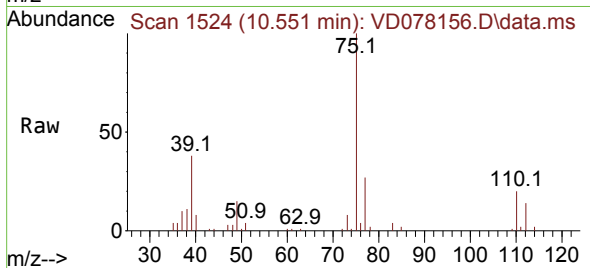
Tgt Ion:	92	Resp:	67544
Ion Ratio	Lower	Upper	
92	100		
91	174.7	143.0	214.4



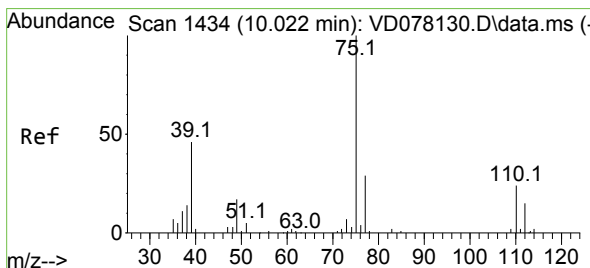
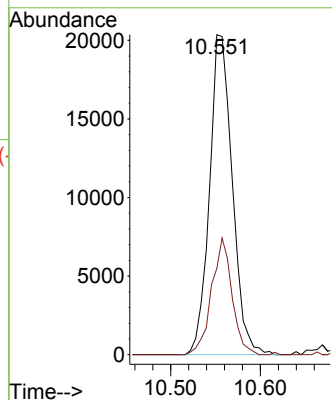
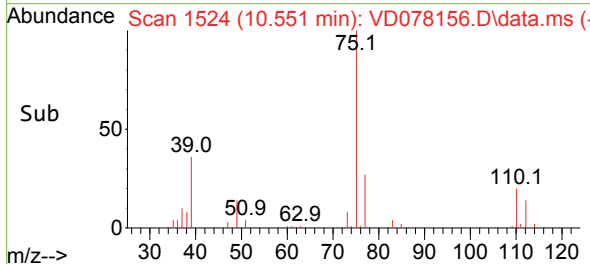


#53
t-1,3-Dichloropropene
Concen: 22.078 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

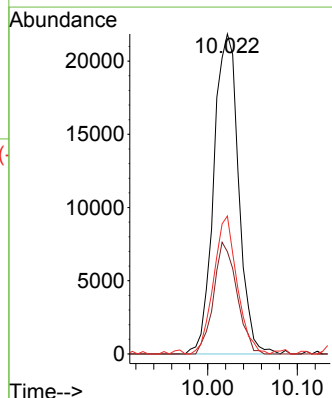
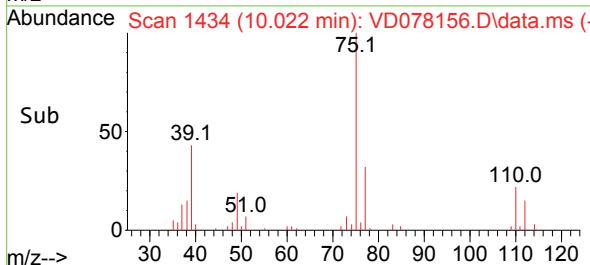
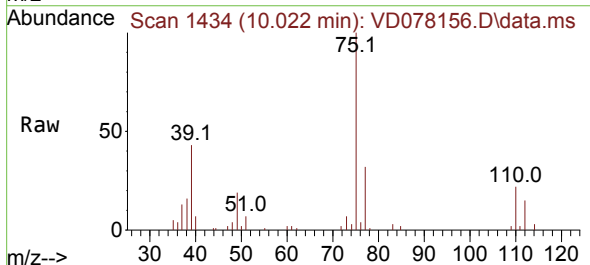


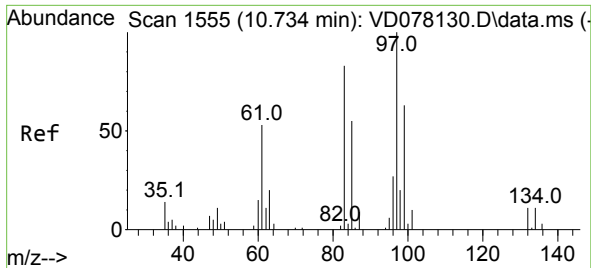
Tgt Ion: 75 Resp: 35988
Ion Ratio Lower Upper
75 100
77 27.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 22.579 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

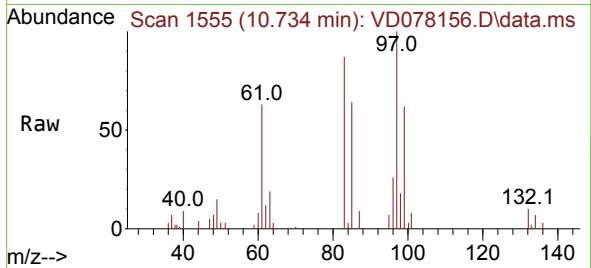
Tgt Ion: 75 Resp: 41994
Ion Ratio Lower Upper
75 100
77 31.9 25.5 38.3
39 42.2 22.1 33.1#



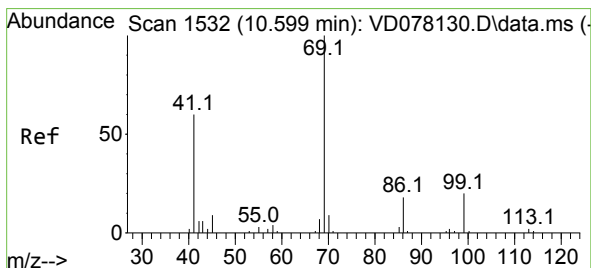
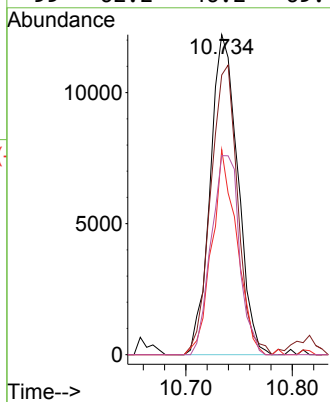
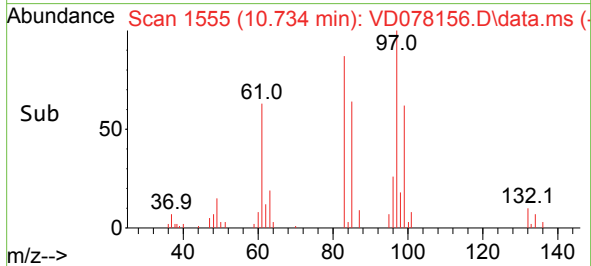


#55
1,1,2-Trichloroethane
Concen: 22.624 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

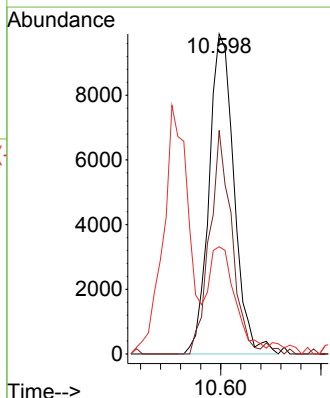
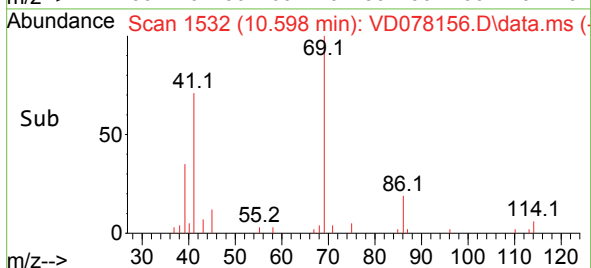
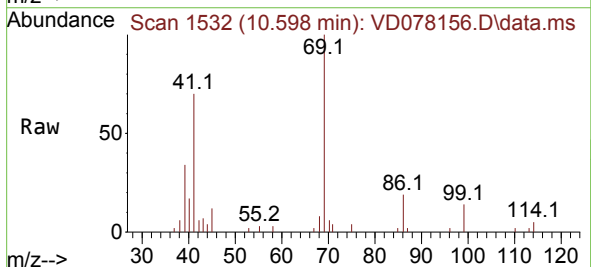


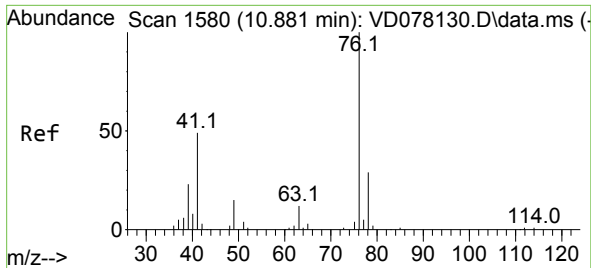
Tgt Ion:	97	Resp:	21921
Ion	Ratio	Lower	Upper
97	100		
83	87.4	65.8	98.6
85	64.0	45.7	68.5
99	62.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 22.692 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

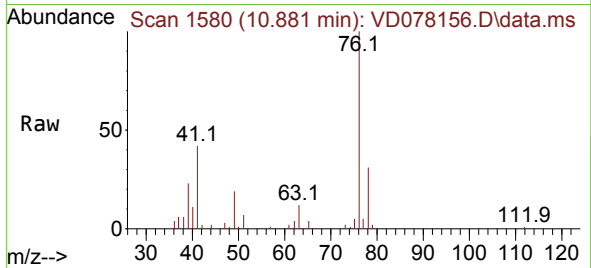
Tgt Ion:	69	Resp:	17135
Ion	Ratio	Lower	Upper
69	100		
41	61.6	39.1	58.7#
39	36.2	20.0	30.0#



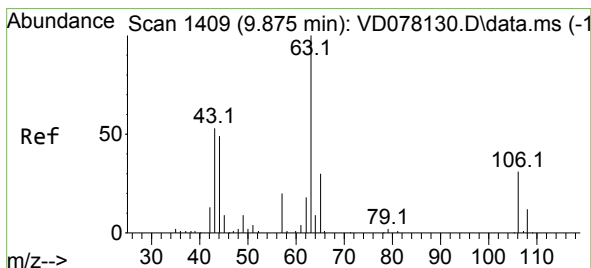
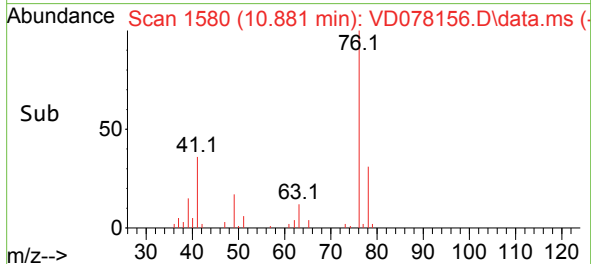
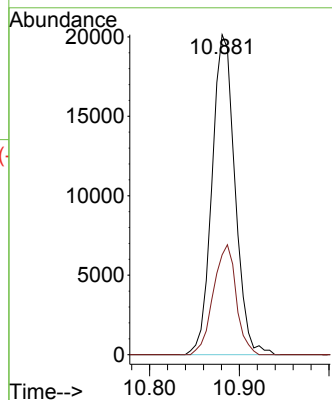


#57
1,3-Dichloropropane
Concen: 22.751 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Instrument :
MSVOA_D
ClientSampleId :

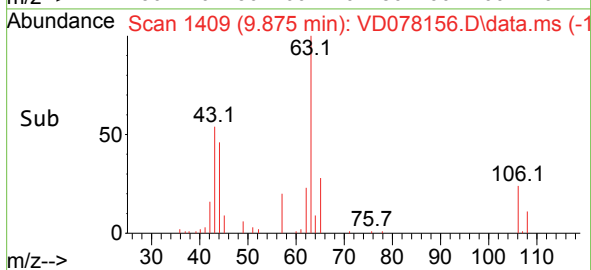
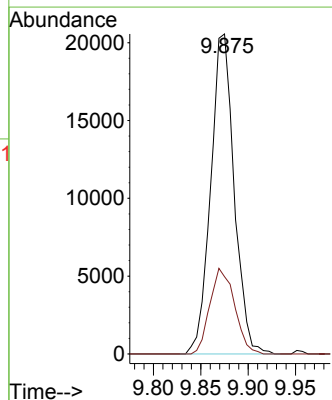
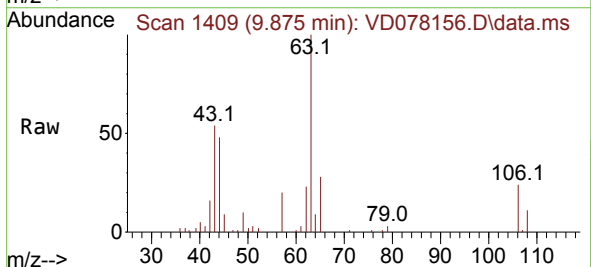


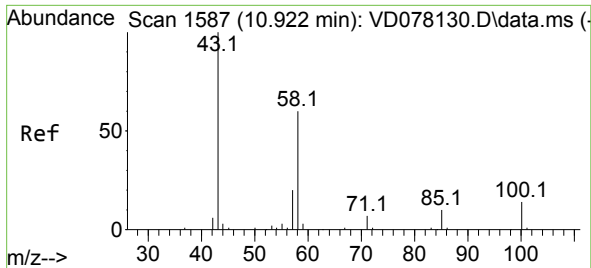
Tgt Ion: 76 Resp: 35780
Ion Ratio Lower Upper
76 100
78 34.1 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 102.566 ug/l
RT: 9.875 min Scan# 1409
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 63 Resp: 35364
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9

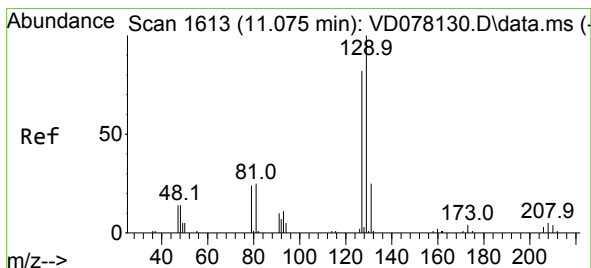
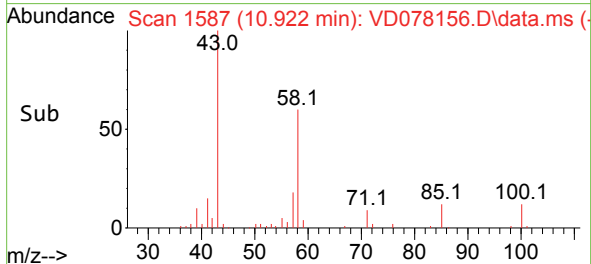
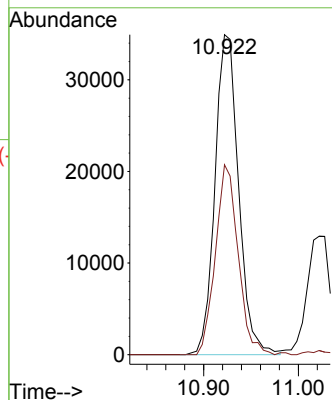
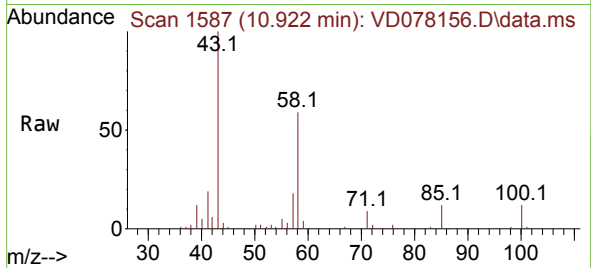




#59
2-Hexanone
Concen: 126.339 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

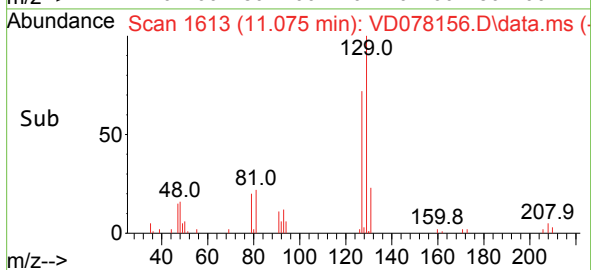
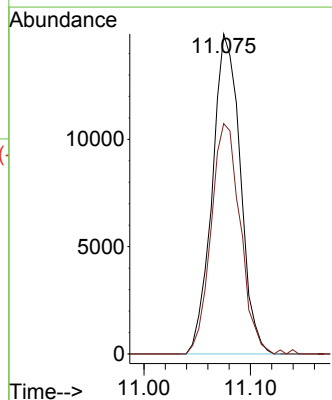
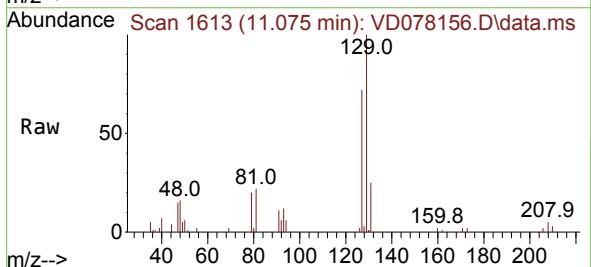
Instrument :
MSVOA_D
ClientSampleId :

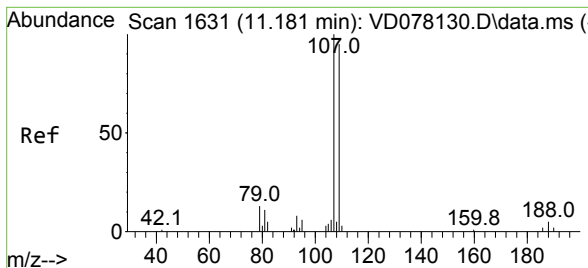
Tgt Ion: 43 Resp: 60567
Ion Ratio Lower Upper
43 100
58 57.0 34.1 102.2



#60
Dibromochloromethane
Concen: 22.223 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 129 Resp: 27207
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5

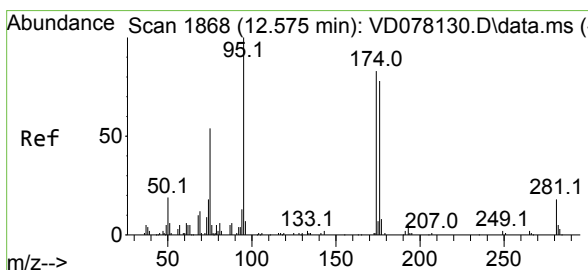
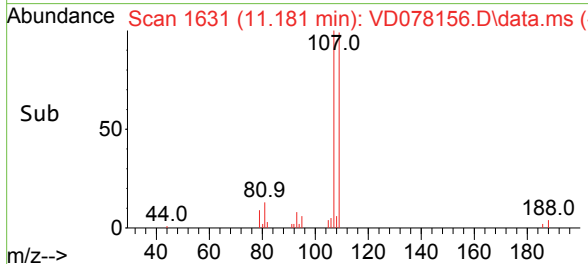
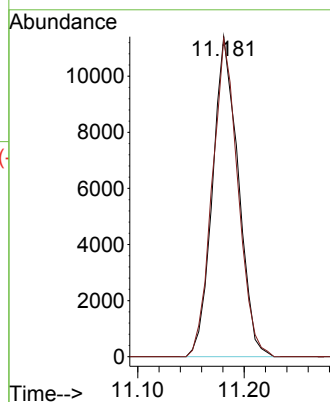
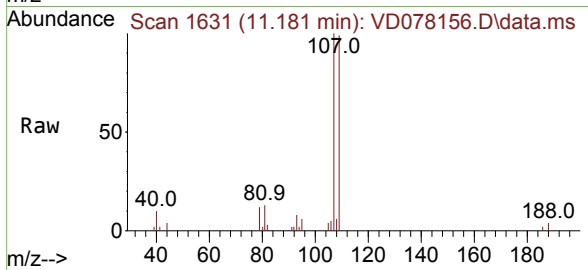




#61
1,2-Dibromoethane
Concen: 21.373 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

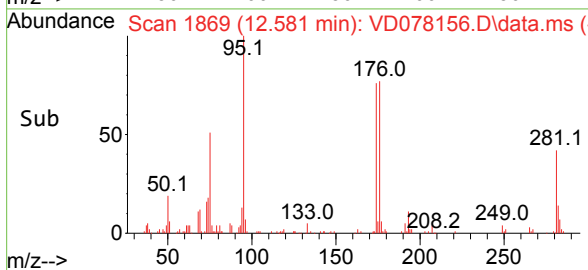
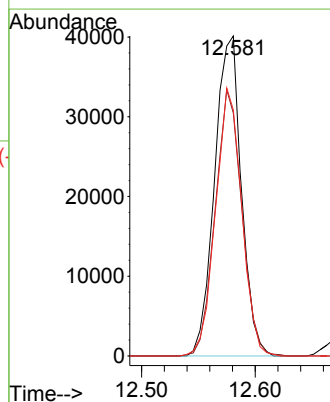
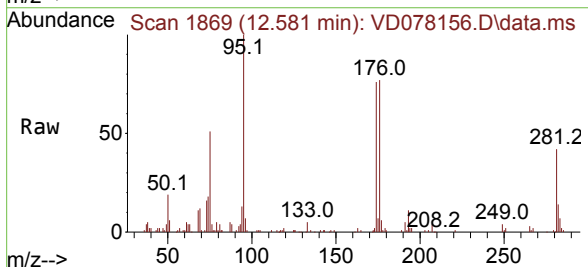
Instrument :
MSVOA_D
ClientSampleId :

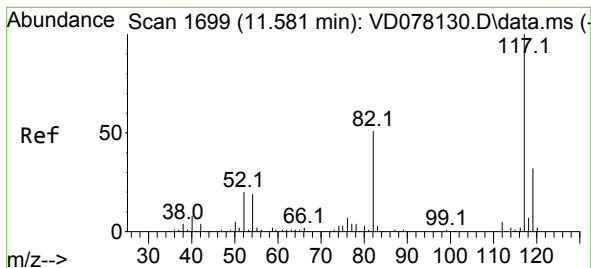
Tgt Ion:107 Resp: 19066
Ion Ratio Lower Upper
107 100
109 99.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.868 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 95 Resp: 65732
Ion Ratio Lower Upper
95 100
174 82.7 0.0 201.8
176 81.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

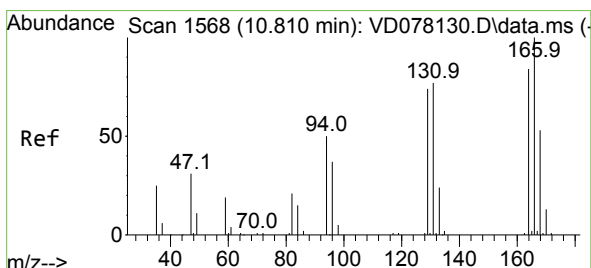
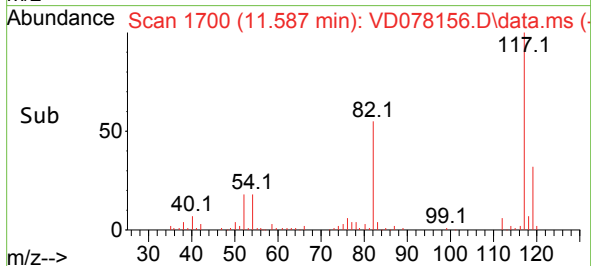
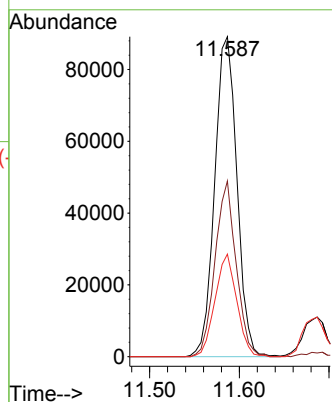
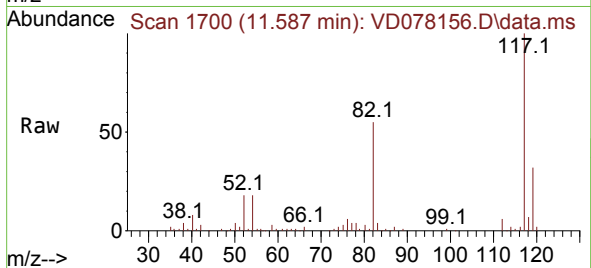
Tgt Ion:117 Resp: 153218

Ion Ratio Lower Upper

117 100

82 54.9 38.3 57.5

119 32.0 25.0 37.4



#64

Tetrachloroethene

Concen: 19.635 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Tgt Ion:164 Resp: 20369

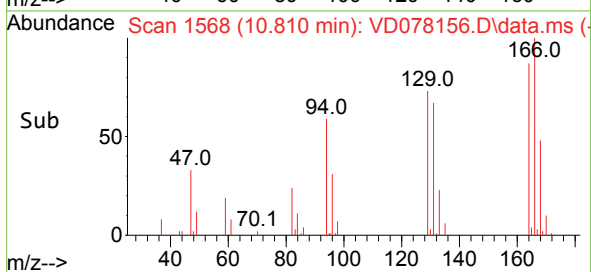
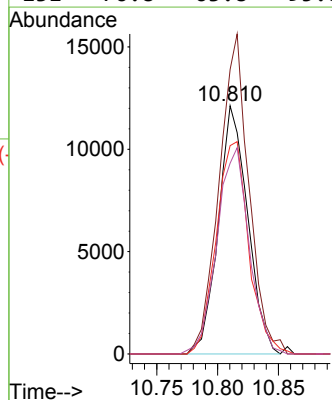
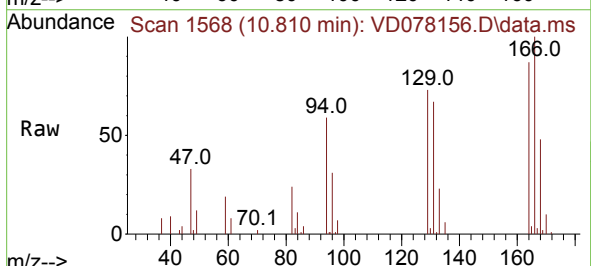
Ion Ratio Lower Upper

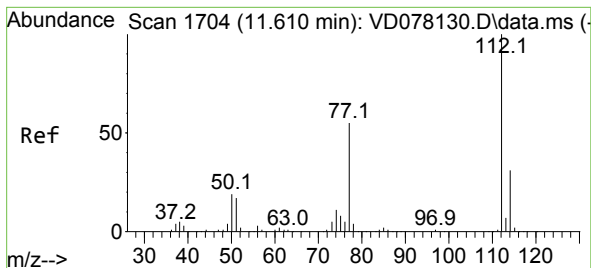
164 100

166 114.6 99.2 148.8

129 83.9 68.4 102.6

131 76.8 63.8 95.8





#65

Chlorobenzene

Concen: 21.479 ug/l

RT: 11.610 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

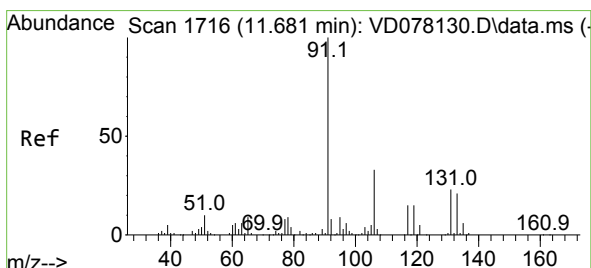
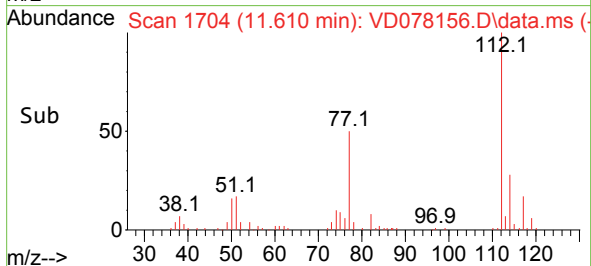
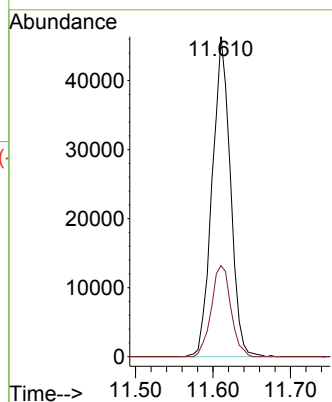
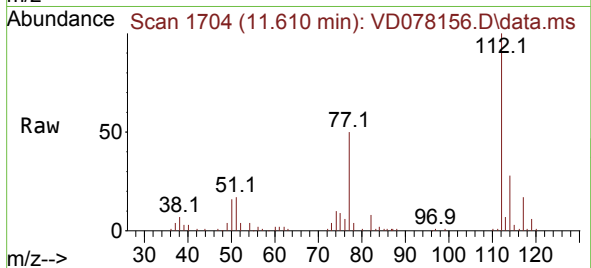
ClientSampleId :

Tgt Ion:112 Resp: 75719

Ion Ratio Lower Upper

112 100

114 28.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 21.402 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

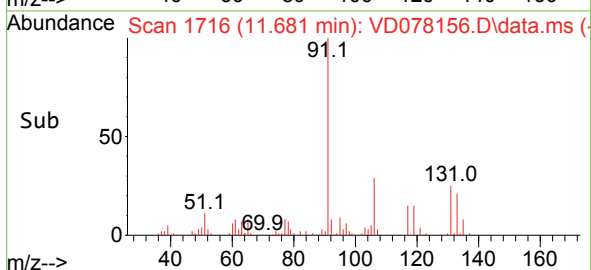
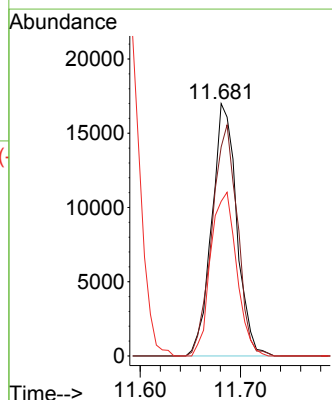
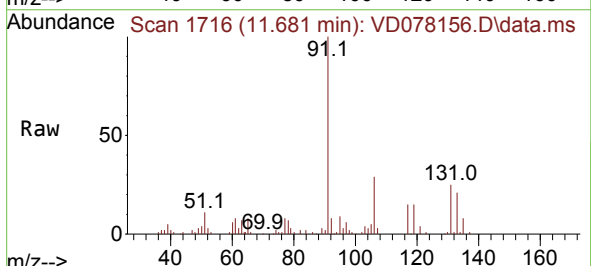
Tgt Ion:131 Resp: 29308

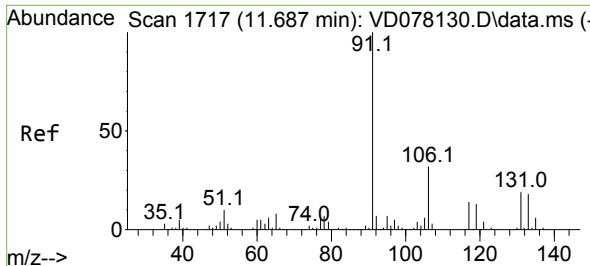
Ion Ratio Lower Upper

131 100

133 93.5 48.5 145.5

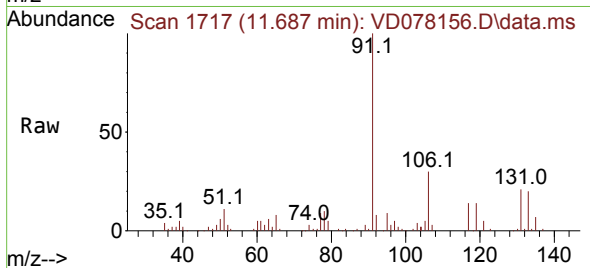
119 67.7 35.6 106.9



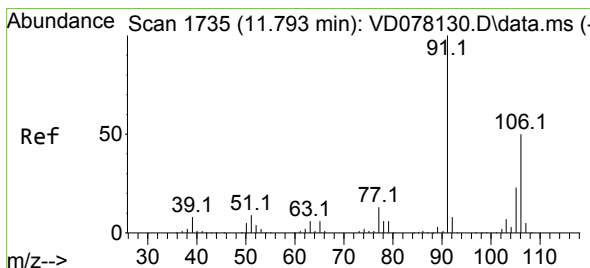
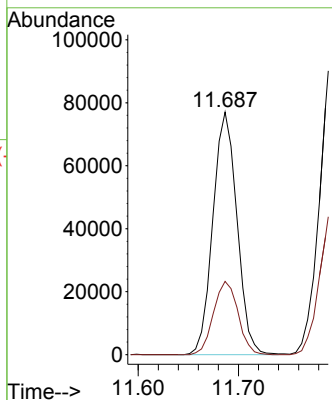
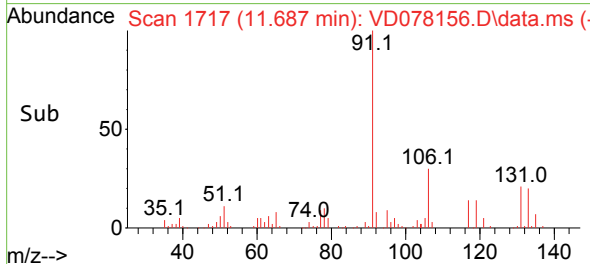


#67
Ethyl Benzene
Concen: 20.744 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

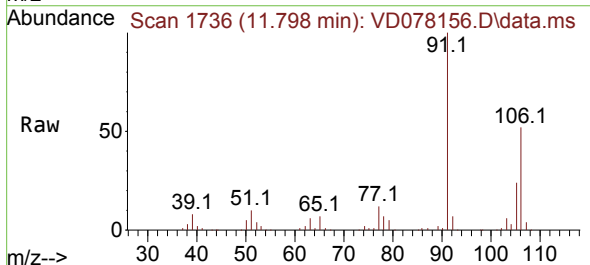
Instrument :
MSVOA_D
ClientSampleId :



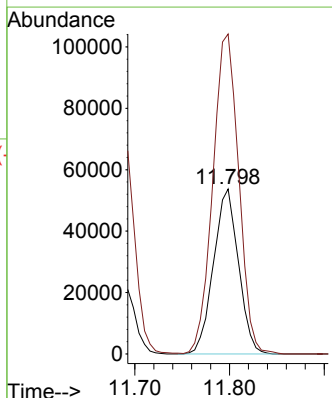
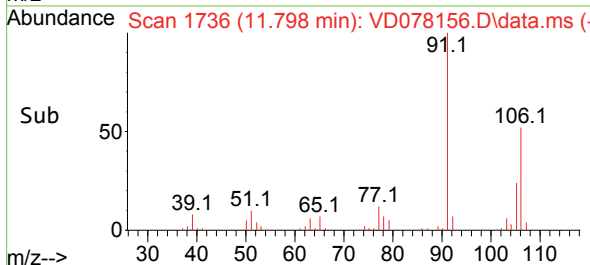
Tgt Ion: 91 Resp: 128426
Ion Ratio Lower Upper
91 100
106 30.2 26.5 39.7

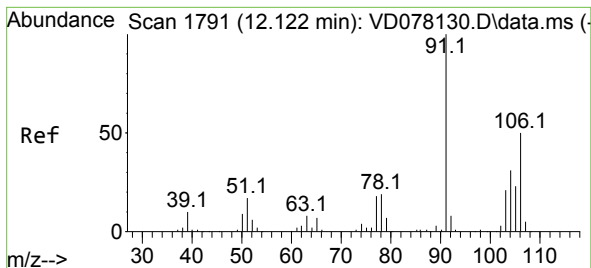


#68
m/p-Xylenes
Concen: 41.211 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52



Tgt Ion:106 Resp: 98342
Ion Ratio Lower Upper
106 100
91 201.3 147.0 220.6





#69

o-Xylene

Concen: 21.292 ug/l

RT: 12.128 min Scan# 1791

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

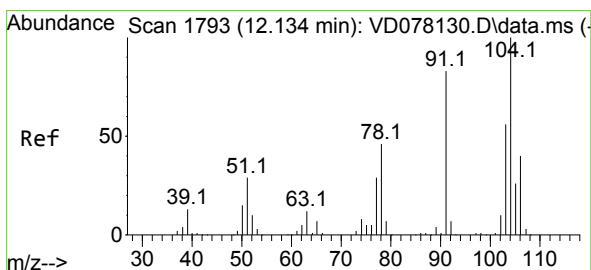
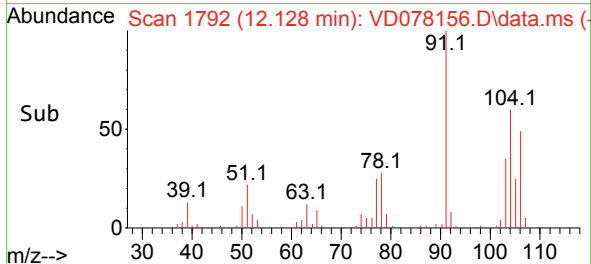
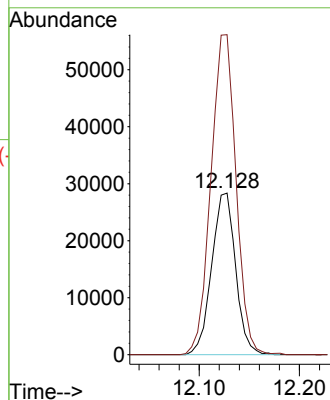
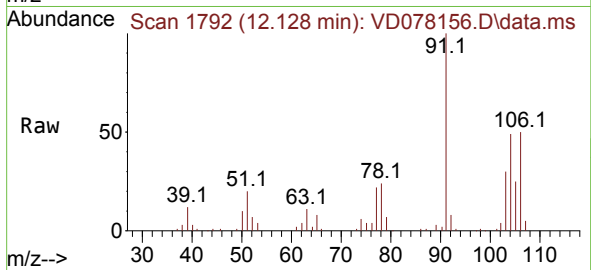
ClientSampleId :

Tgt Ion:106 Resp: 47051

Ion Ratio Lower Upper

106 100

91 207.6 97.9 293.6



#70

Styrene

Concen: 20.450 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

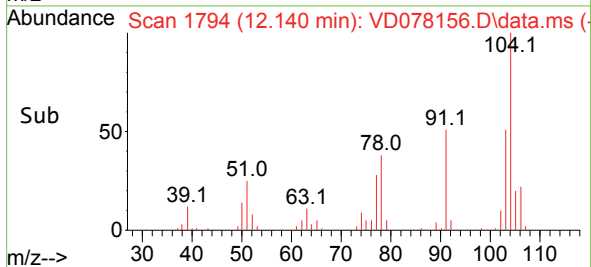
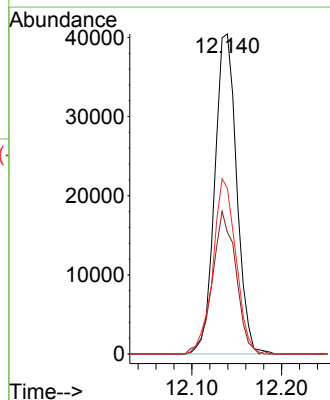
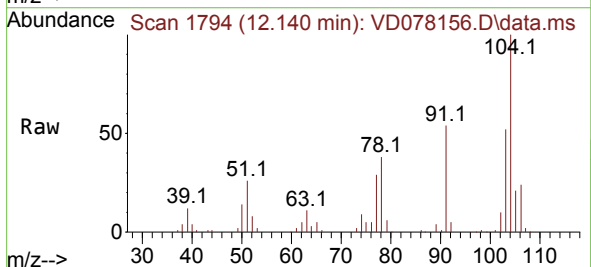
Tgt Ion:104 Resp: 68699

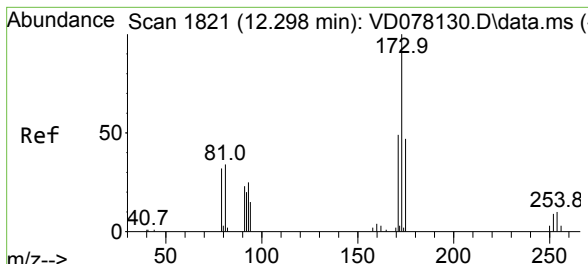
Ion Ratio Lower Upper

104 100

78 47.6 33.2 49.8

103 57.3 43.6 65.4

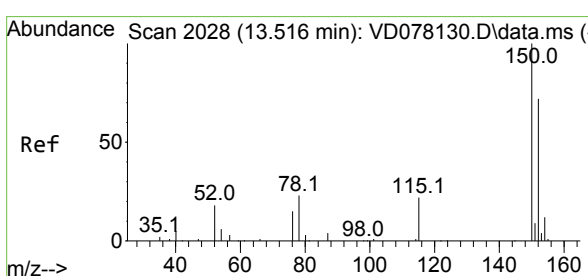
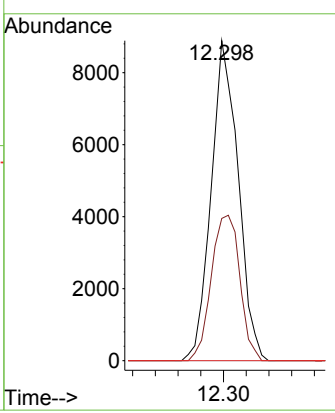
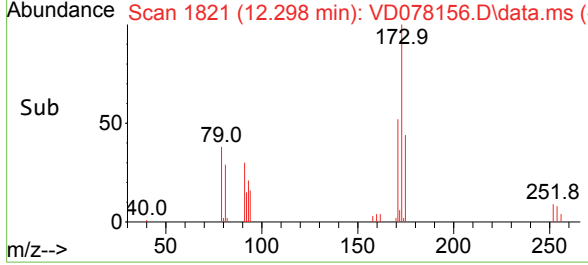
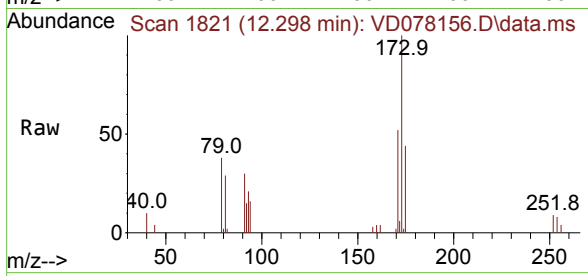




#71
 Bromoform
 Concen: 21.189 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.000 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

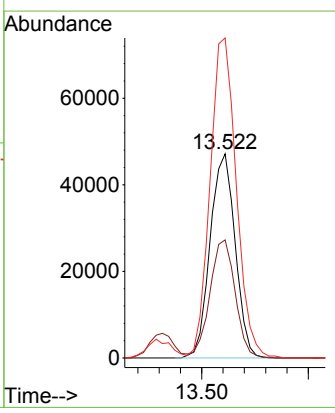
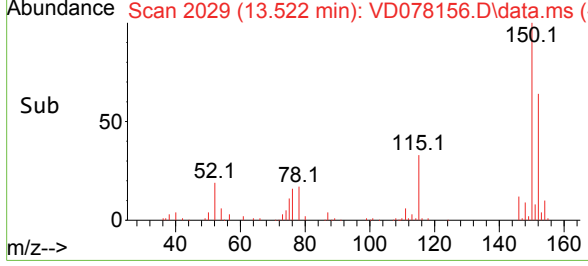
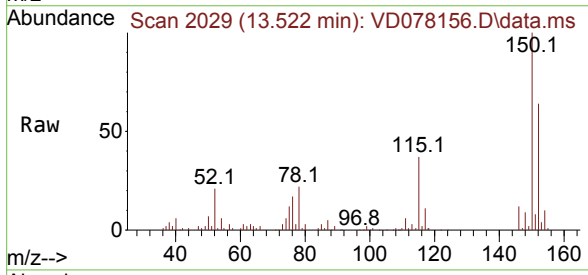
Instrument :
 MSVOA_D
 ClientSampleId :

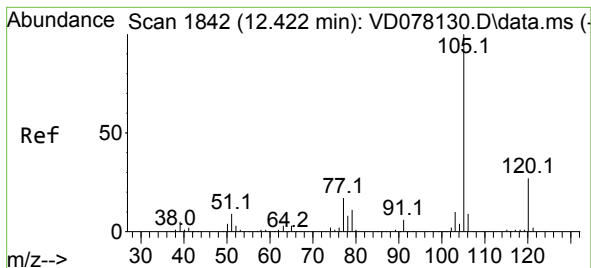
Tgt Ion:	173	Resp:	14666
Ion Ratio	Lower	Upper	
173	100		
175	48.0	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. 0.006 min
 Lab File: VD078156.D
 Acq: 15 Jan 2024 10:52

Tgt Ion:	152	Resp:	76806
Ion Ratio	Lower	Upper	
152	100		
115	58.4	27.1	81.3
150	164.4	0.0	353.6





#73

Isopropylbenzene

Concen: 19.887 ug/l

RT: 12.428 min Scan# 1843

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

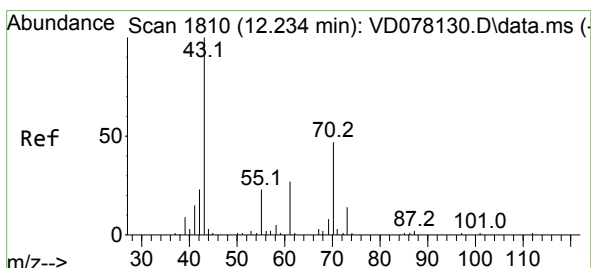
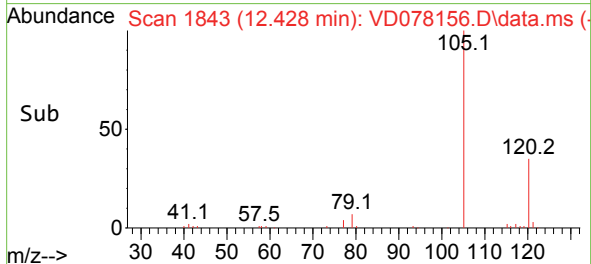
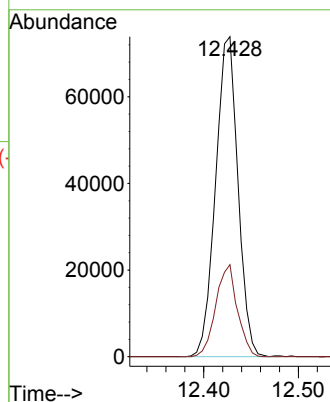
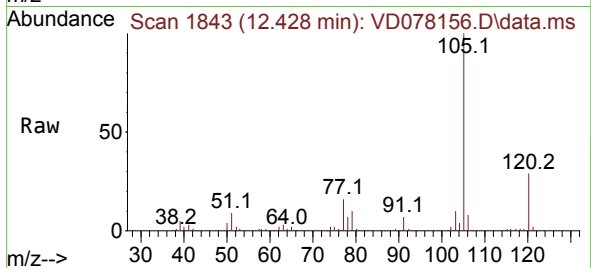
ClientSampleId :

Tgt Ion:105 Resp: 121449

Ion Ratio Lower Upper

105 100

120 27.7 14.3 42.9



#74

N-ethyl acetate

Concen: 22.907 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Tgt Ion: 43 Resp: 25586

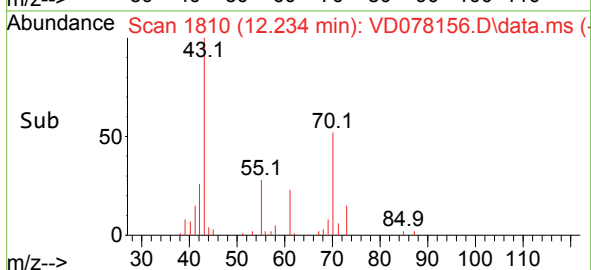
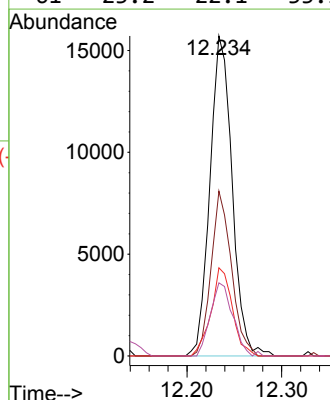
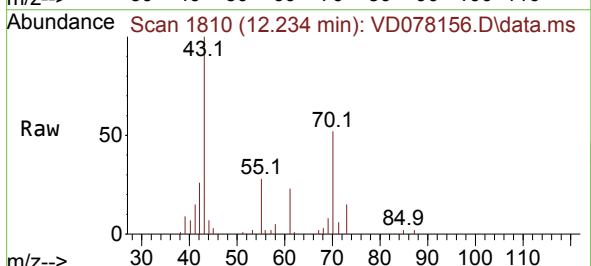
Ion Ratio Lower Upper

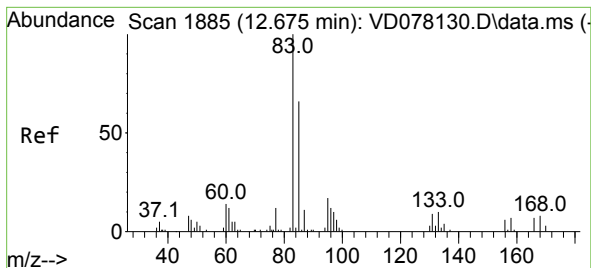
43 100

70 47.2 45.0 67.4

55 26.5 23.8 35.6

61 23.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 22.145 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD078156.D

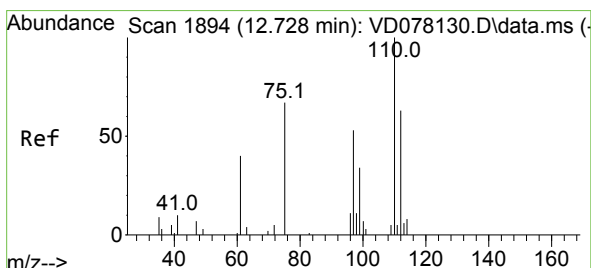
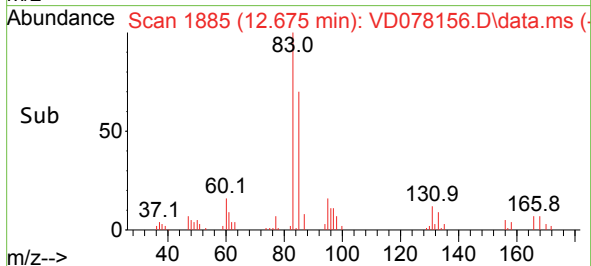
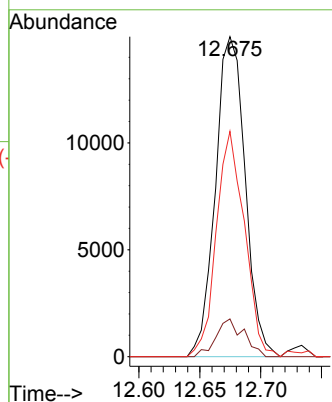
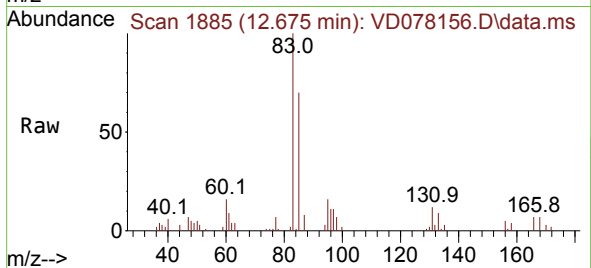
Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	25448
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.1	15.3
85	66.6	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 40.788 ug/l

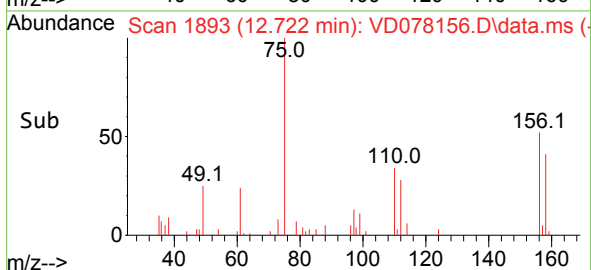
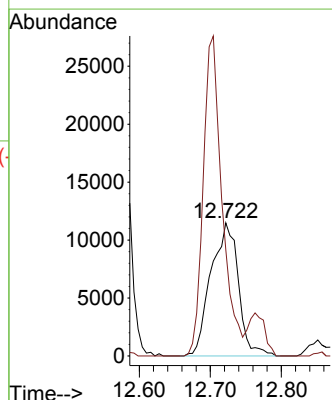
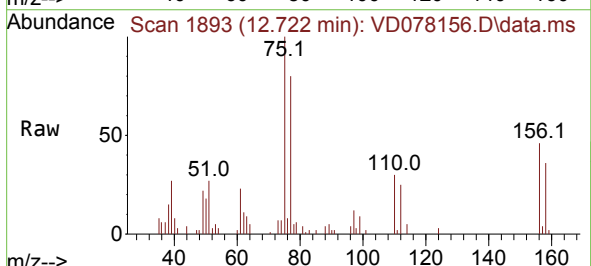
RT: 12.722 min Scan# 1893

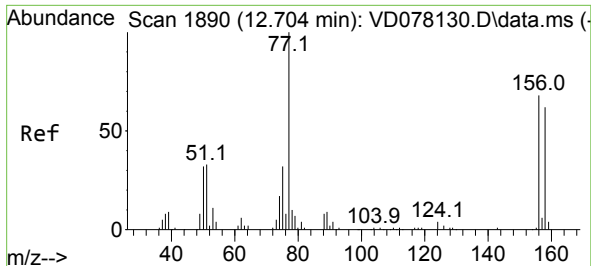
Delta R.T. -0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Tgt Ion:	75	Resp:	30843
Ion Ratio	Lower	Upper	
75	100		
77	165.7	0.0	0.0#

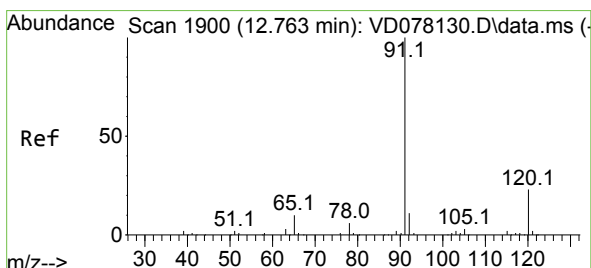
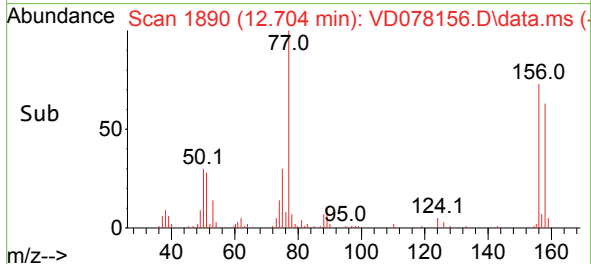
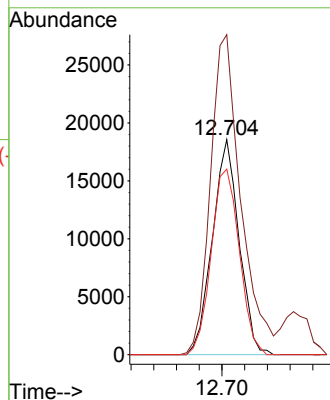
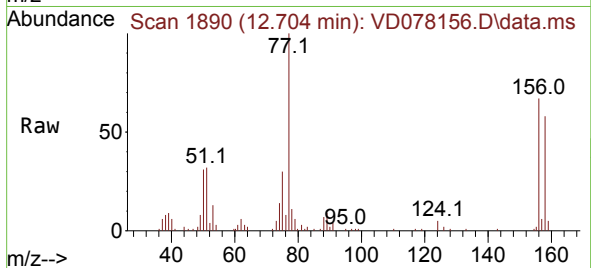




#77
Bromobenzene
Concen: 21.591 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

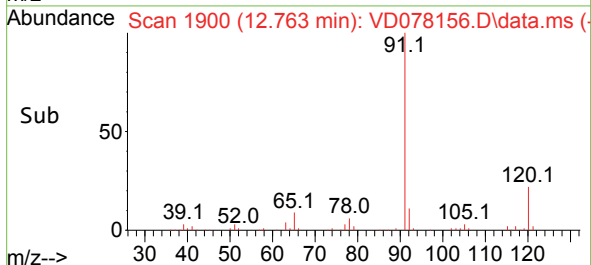
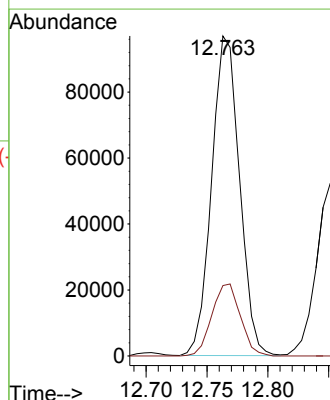
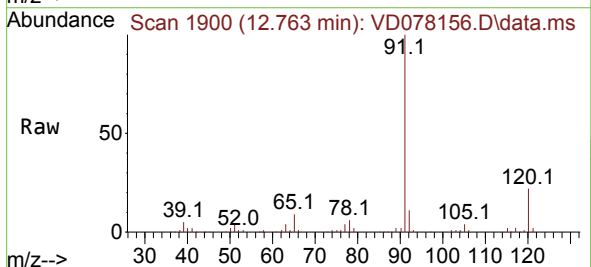
Instrument :
MSVOA_D
ClientSampleId :

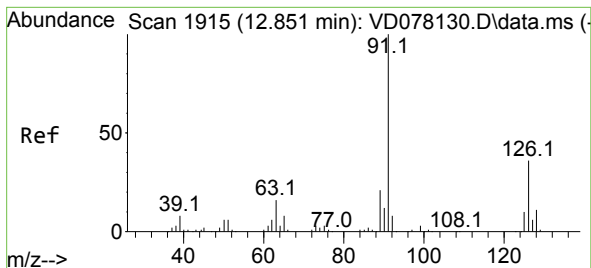
Tgt Ion:156 Resp: 30290
Ion Ratio Lower Upper
156 100
77 168.7 76.8 230.4
158 90.8 48.6 145.9



#78
n-propylbenzene
Concen: 20.849 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 91 Resp: 154336
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2

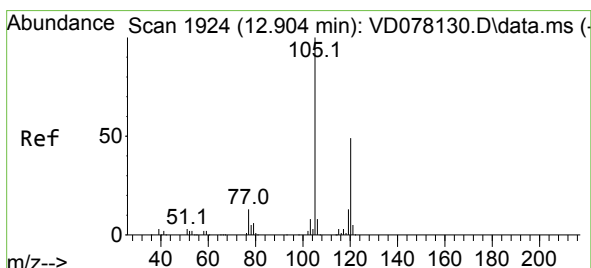
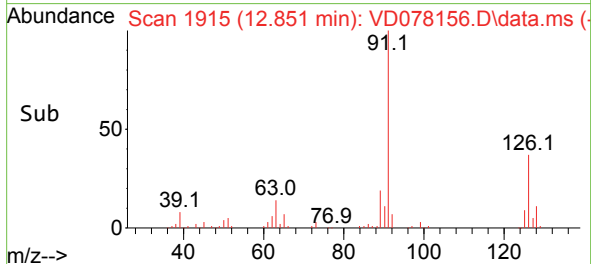
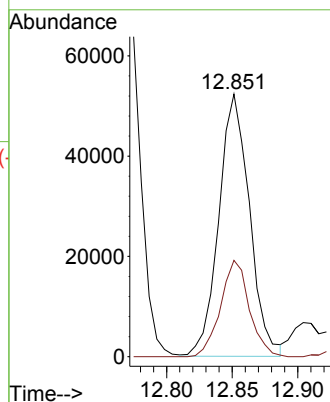
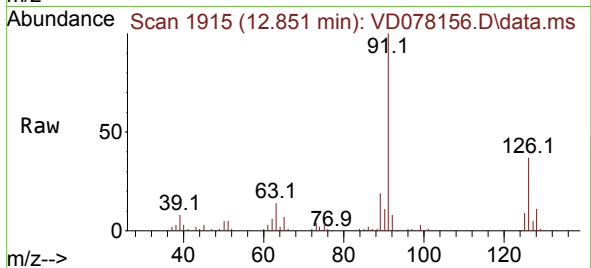




#79
2-Chlorotoluene
Concen: 21.606 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

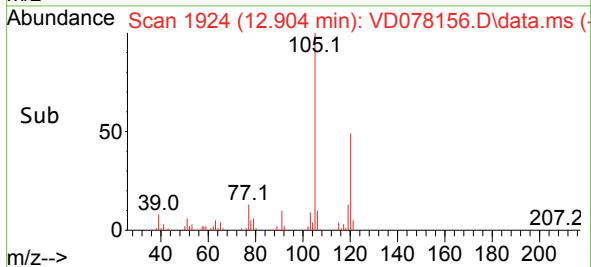
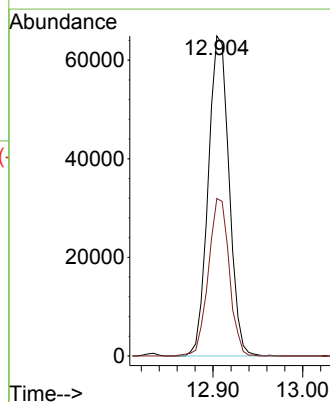
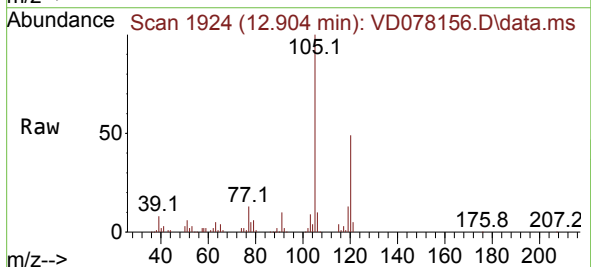
Instrument :
MSVOA_D
ClientSampleId :

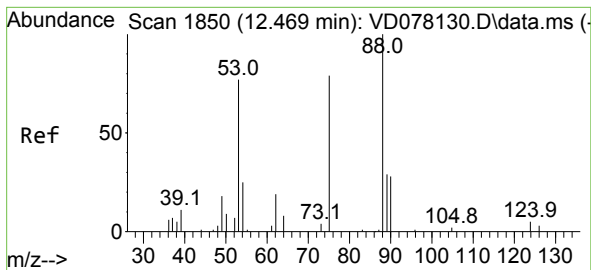
Tgt Ion: 91 Resp: 85096
Ion Ratio Lower Upper
91 100
126 34.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.631 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 105 Resp: 104565
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2

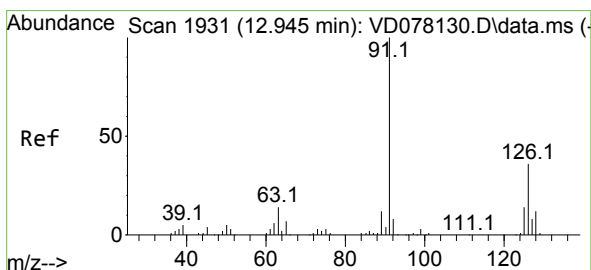
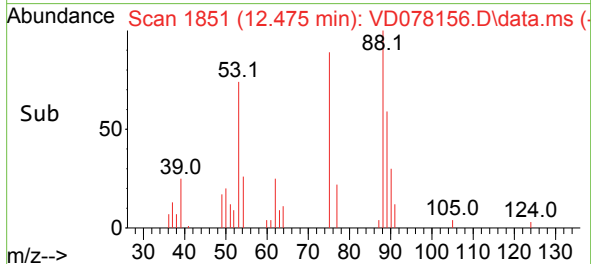
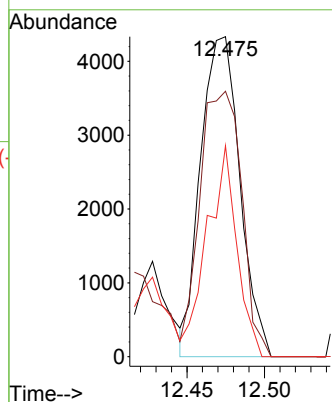
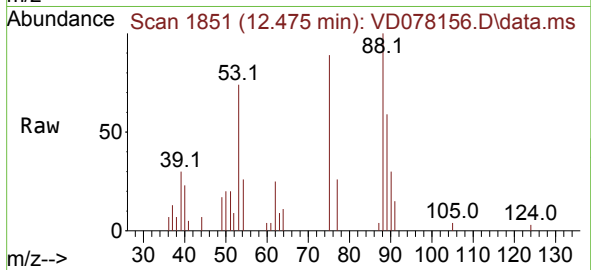




#81
trans-1,4-Dichloro-2-butene
Concen: 22.489 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

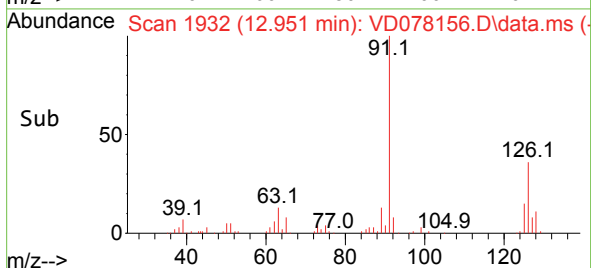
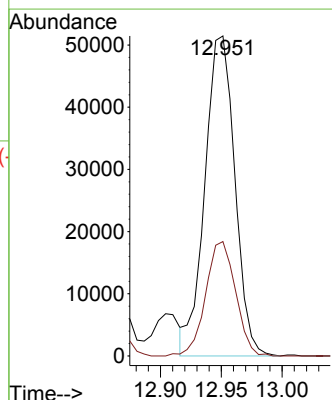
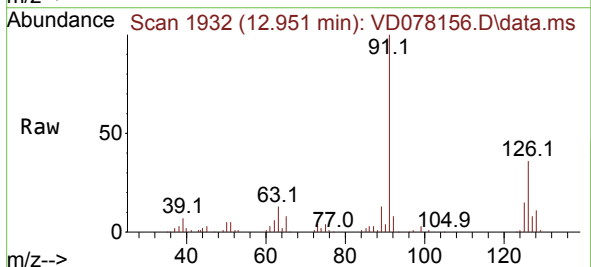
Instrument :
MSVOA_D
ClientSampleId :

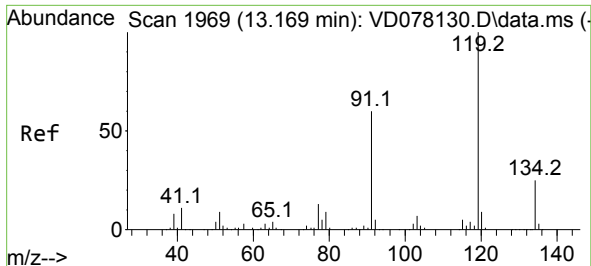
Tgt Ion: 75 Resp: 7631
Ion Ratio Lower Upper
75 100
53 88.3 63.0 94.4
89 50.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 20.851 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion: 91 Resp: 88333
Ion Ratio Lower Upper
91 100
126 35.6 19.4 58.4

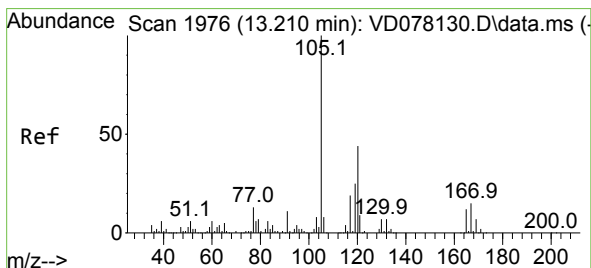
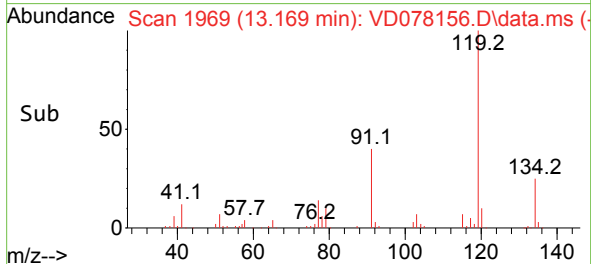
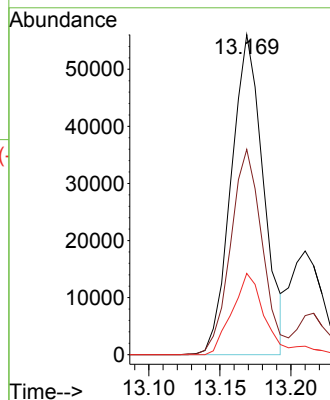
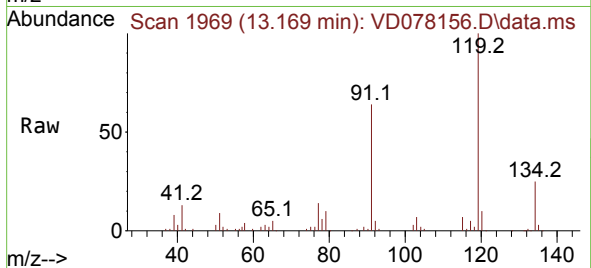




#83
tert-Butylbenzene
Concen: 19.931 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

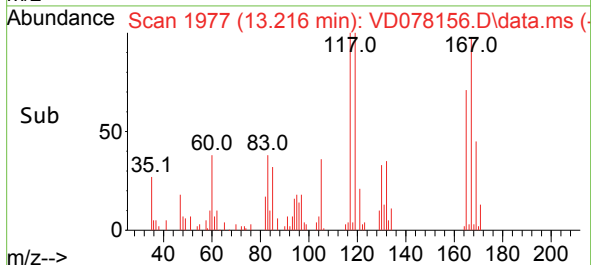
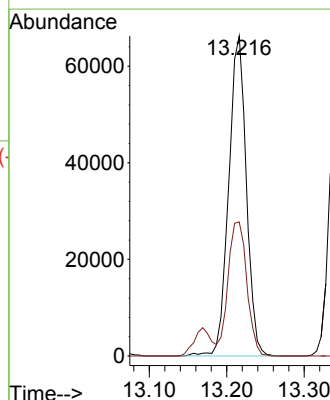
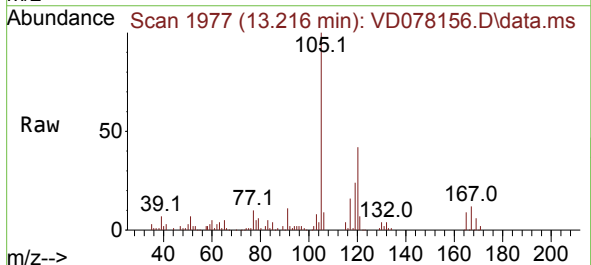
Instrument :
MSVOA_D
ClientSampleId :

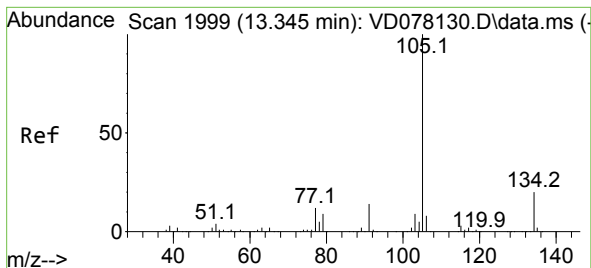
Tgt Ion:119 Resp: 88440
Ion Ratio Lower Upper
119 100
91 63.7 29.3 87.8
134 26.8 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 20.881 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

Tgt Ion:105 Resp: 105067
Ion Ratio Lower Upper
105 100
120 44.8 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: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

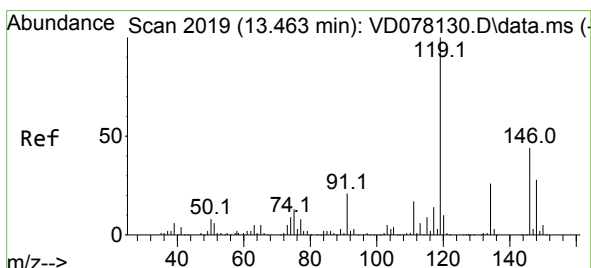
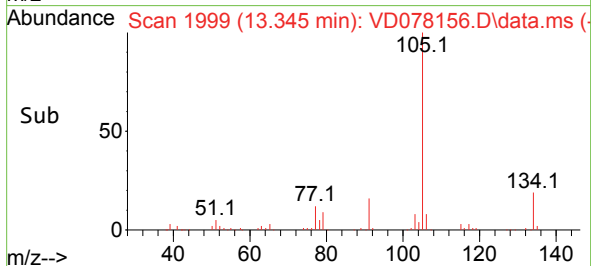
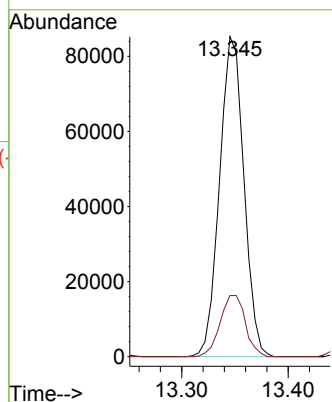
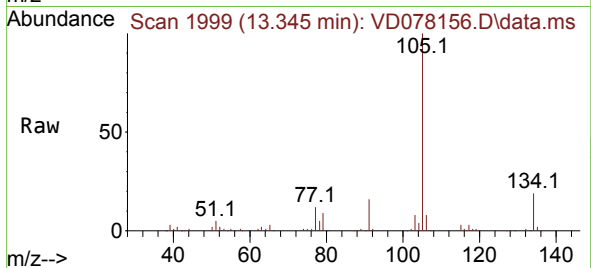
ClientSampleId :

Tgt Ion:105 Resp: 135104

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.324 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

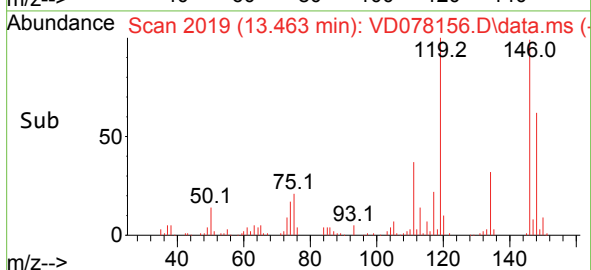
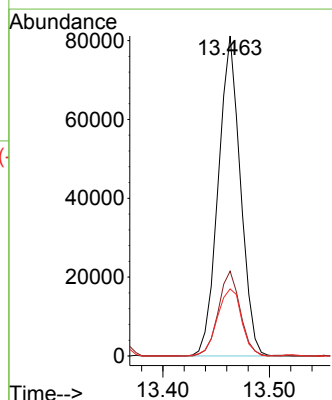
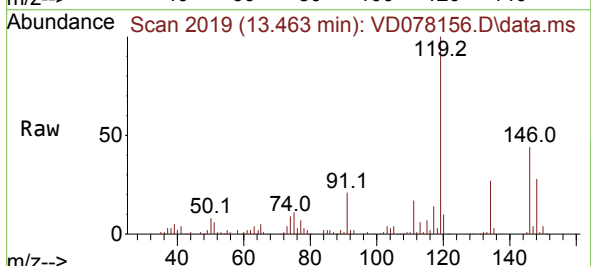
Tgt Ion:119 Resp: 116998

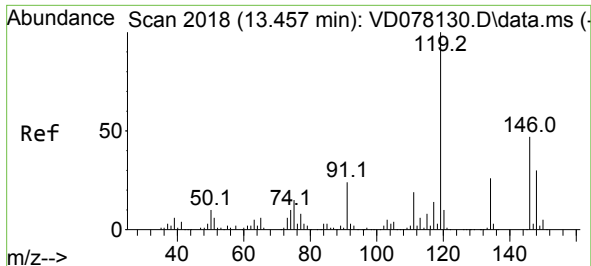
Ion Ratio Lower Upper

119 100

134 26.2 14.2 42.6

91 23.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 20.942 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

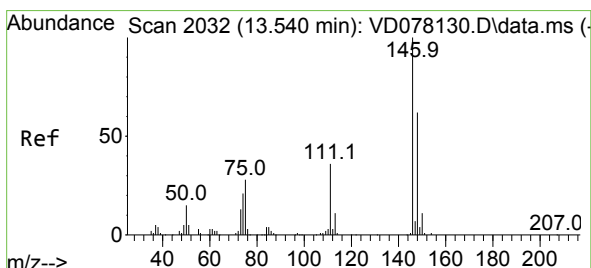
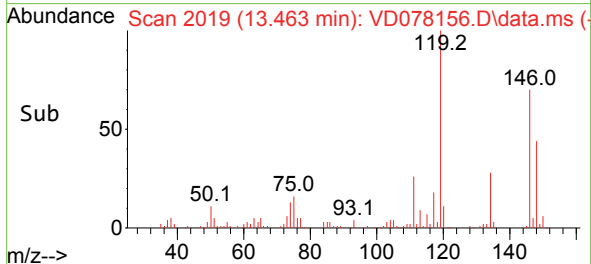
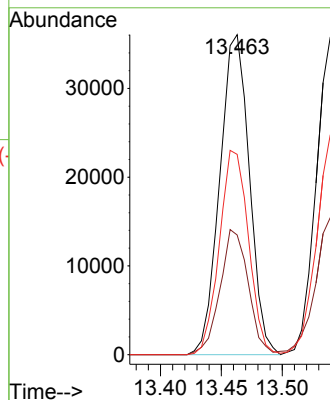
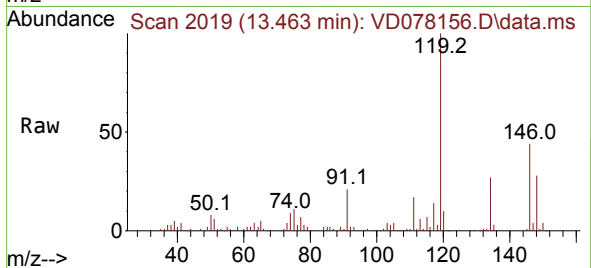
Tgt Ion:146 Resp: 60956

Ion Ratio Lower Upper

146 100

111 37.6 17.9 53.8

148 62.9 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 20.201 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

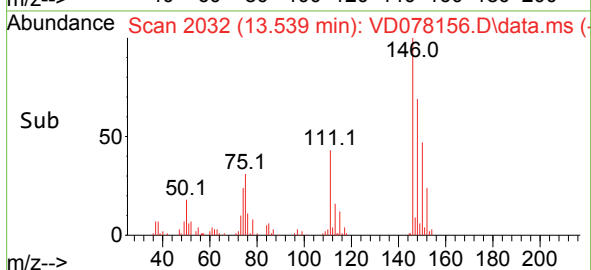
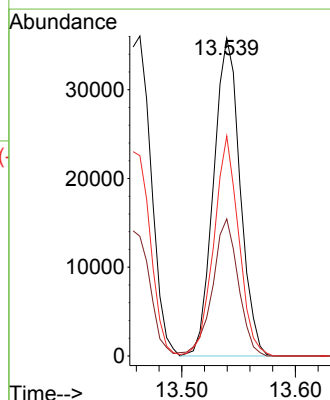
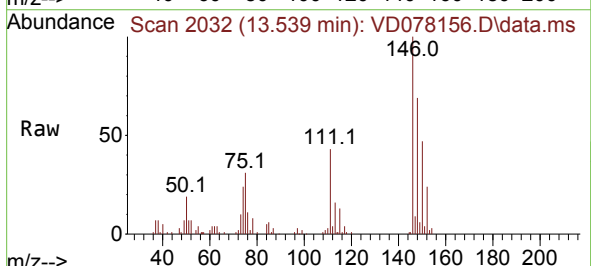
Tgt Ion:146 Resp: 58080

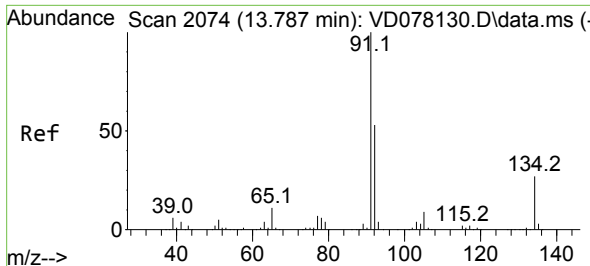
Ion Ratio Lower Upper

146 100

111 42.0 17.4 52.3

148 65.1 31.7 95.1

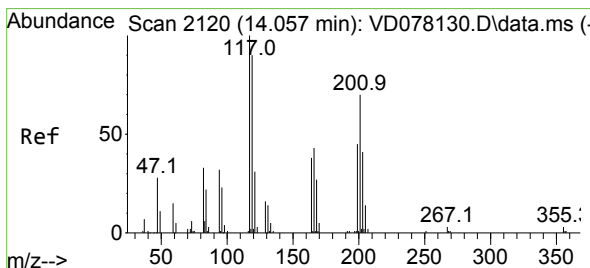
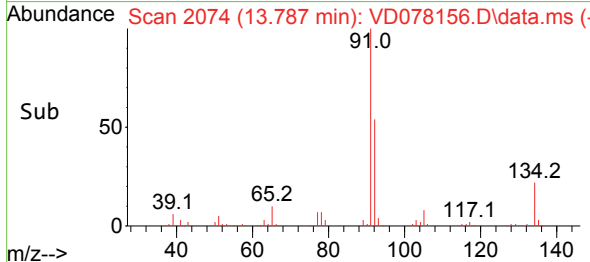
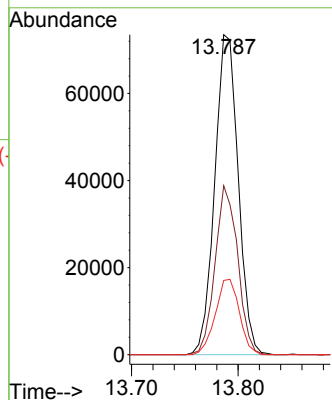
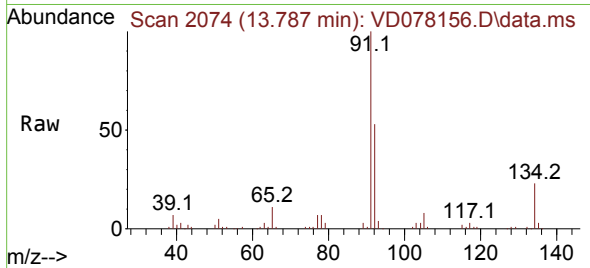




#89
n-Butylbenzene
Concen: 20.568 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

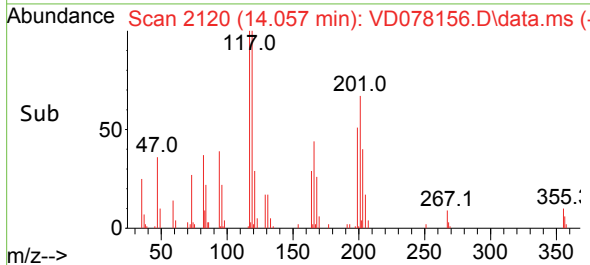
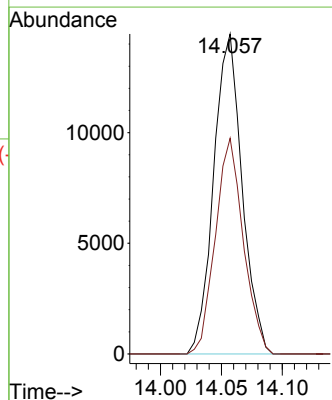
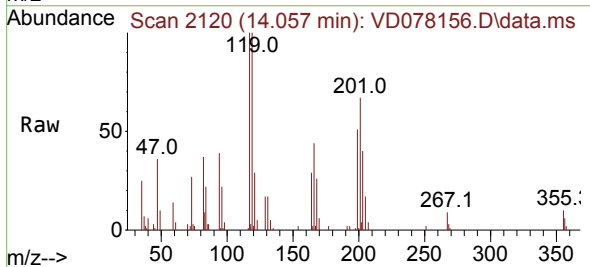
Instrument :
MSVOA_D
ClientSampleId :

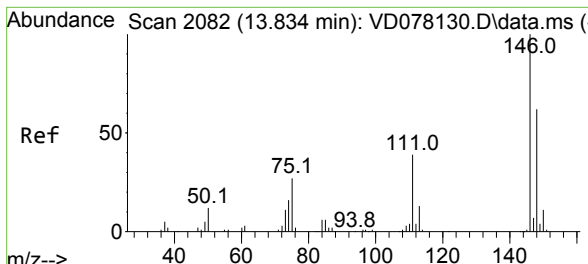
Tgt Ion: 91 Resp: 112437
Ion Ratio Lower Upper
91 100
92 50.8 26.5 79.5
134 24.1 13.8 41.3



#90
Hexachloroethane
Concen: 19.836 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

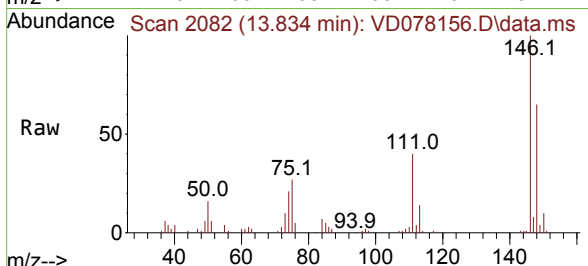
Tgt Ion: 117 Resp: 23469
Ion Ratio Lower Upper
117 100
201 66.2 38.5 115.5



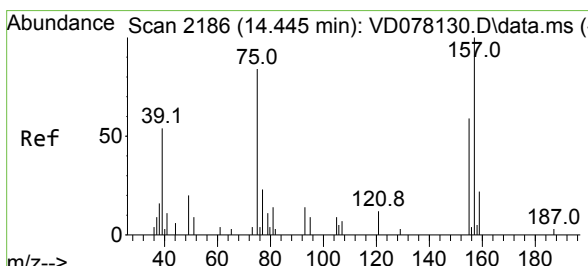
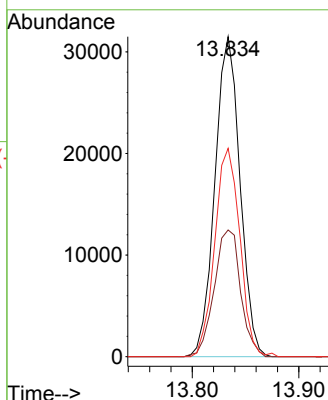
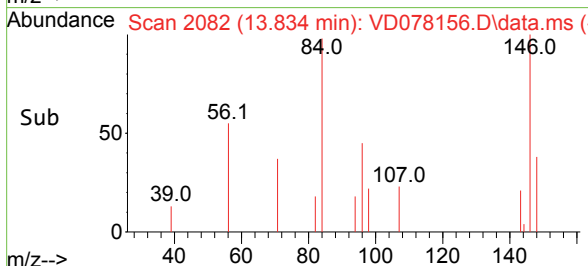


#91
1,2-Dichlorobenzene
Concen: 20.489 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52

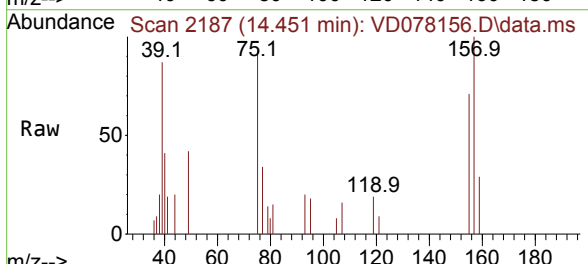
Instrument :
MSVOA_D
ClientSampleId :



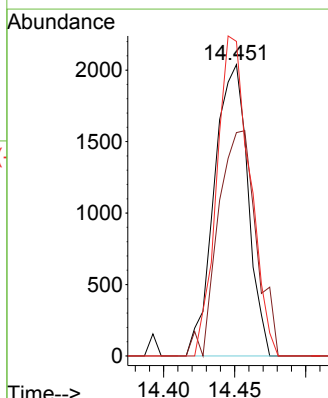
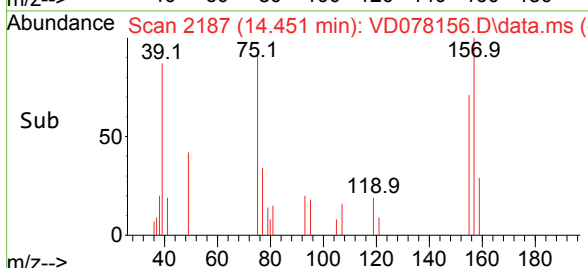
Tgt Ion:146 Resp: 51447
Ion Ratio Lower Upper
146 100
111 41.8 18.3 54.8
148 65.2 31.6 94.7

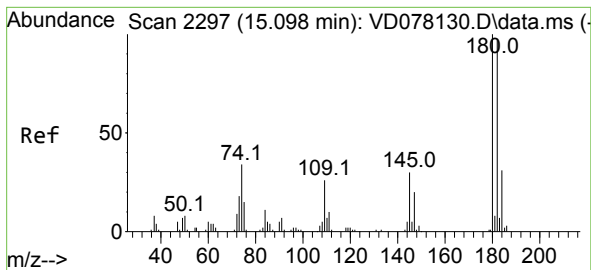


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.572 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078156.D
Acq: 15 Jan 2024 10:52



Tgt Ion: 75 Resp: 3359
Ion Ratio Lower Upper
75 100
155 87.2 47.9 143.8
157 107.8 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.512 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

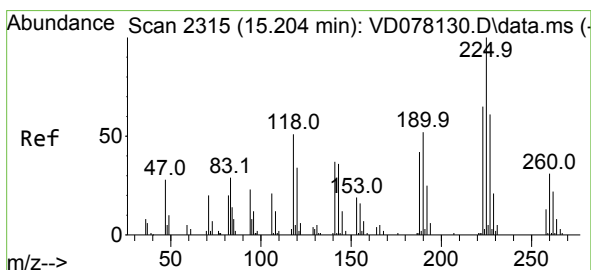
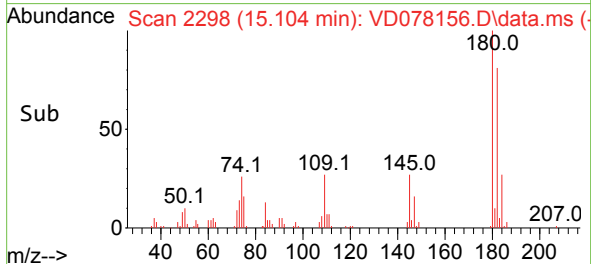
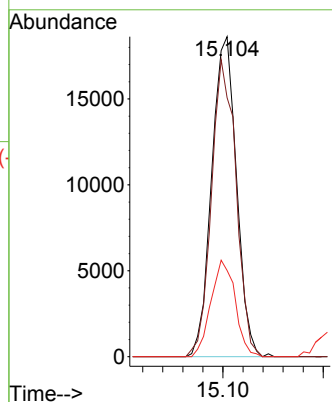
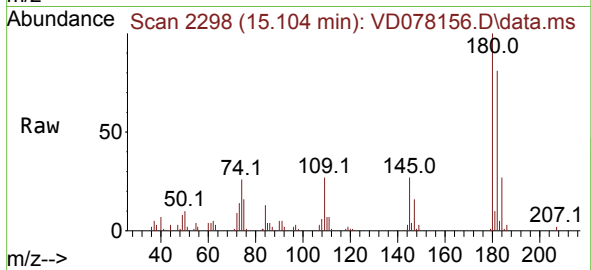
Tgt Ion:180 Resp: 31891

Ion Ratio Lower Upper

180 100

182 91.8 48.5 145.6

145 29.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.581 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

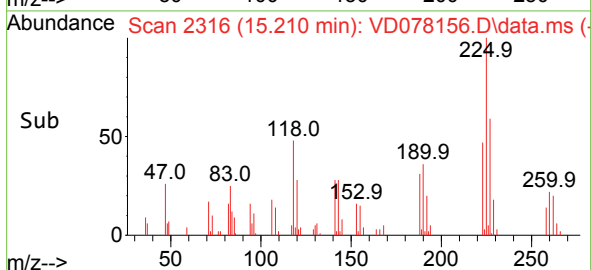
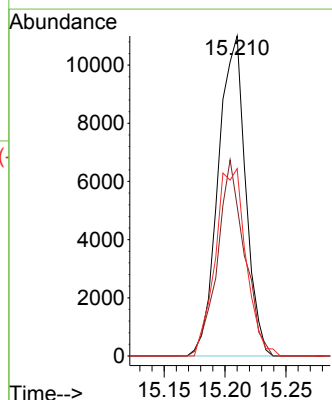
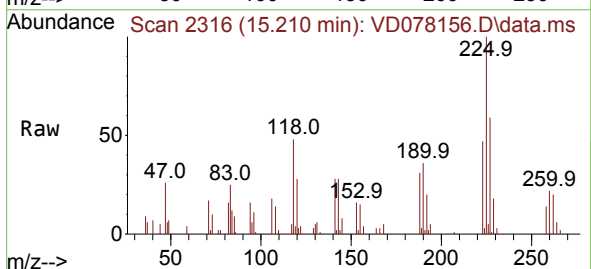
Tgt Ion:225 Resp: 17177

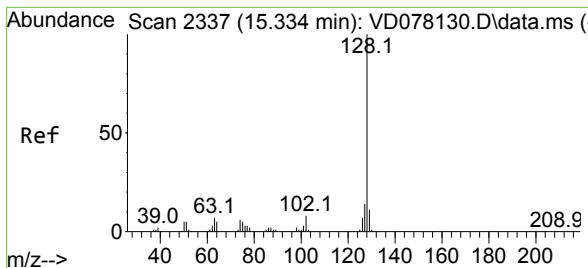
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

227 65.7 31.7 95.1





#95

Naphthalene

Concen: 20.883 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD078156.D

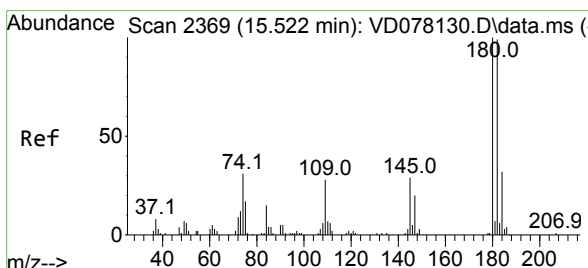
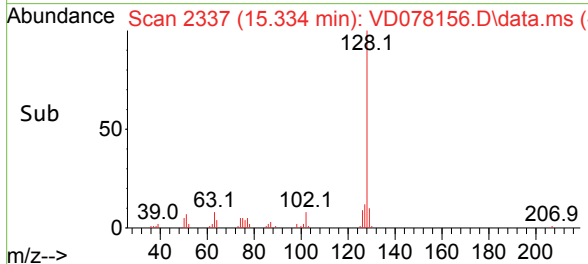
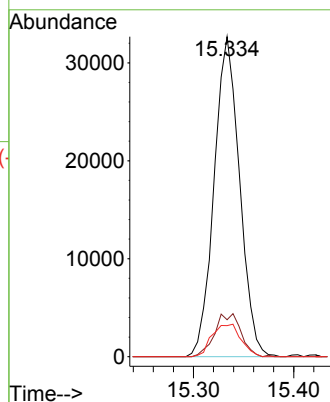
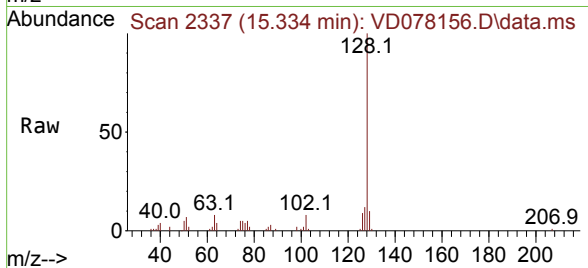
Acq: 15 Jan 2024 10:52

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	57560
Ion Ratio	Lower	Upper	
128	100		
127	11.5	10.5	15.7
129	9.7	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.399 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078156.D

Acq: 15 Jan 2024 10:52

Tgt Ion:	180	Resp:	27048
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.3	141.9
145	34.6	15.1	45.3

