

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
 Data File : VD078145.D
 Acq On : 11 Jan 2024 11:06
 Operator : RP/MD
 Sample : VD0111SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBS01

Quant Time: Jan 12 00:34:57 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	96740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	162991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	151457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	74007	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51892	50.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.900%	
35) Dibromofluoromethane	7.810	113	58066	49.432	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.860%	
50) Toluene-d8	10.275	98	201291	51.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.200%	
62) 4-Bromofluorobenzene	12.575	95	63316	46.170	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 92.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	18300	20.418	ug/l	97
3) Chloromethane	2.152	50	24587	19.988	ug/l	99
4) Vinyl Chloride	2.293	62	34343	19.853	ug/l	95
5) Bromomethane	2.699	94	25239	19.004	ug/l	97
6) Chloroethane	2.846	64	26454	20.596	ug/l	98
7) Trichlorofluoromethane	3.181	101	37300	19.623	ug/l	98
8) Diethyl Ether	3.587	74	9833	19.728	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.975	101	22551	19.959	ug/l	98
10) Methyl Iodide	4.169	142	18931	18.349	ug/l	92
11) Tert butyl alcohol	5.040	59	5525	106.486	ug/l #	95
12) 1,1-Dichloroethene	3.946	96	19150	20.016	ug/l	83
13) Acrolein	3.793	56	8910	101.570	ug/l	93
14) Allyl chloride	4.575	41	25609	20.037	ug/l #	85
15) Acrylonitrile	5.258	53	24681	105.838	ug/l	98
16) Acetone	4.022	43	32770	126.999	ug/l	87
17) Carbon Disulfide	4.275	76	40516	19.001	ug/l	97
18) Methyl Acetate	4.564	43	16128	17.593	ug/l	89
19) Methyl tert-butyl Ether	5.322	73	47591	20.647	ug/l	98
20) Methylene Chloride	4.805	84	29673	19.922	ug/l #	86
21) trans-1,2-Dichloroethene	5.322	96	23791	21.850	ug/l	94
22) Diisopropyl ether	6.222	45	61166	20.352	ug/l	94
23) Vinyl Acetate	6.158	43	144896m	107.325	ug/l	
24) 1,1-Dichloroethane	6.122	63	43601	20.793	ug/l	98
25) 2-Butanone	7.087	43	37126	118.005	ug/l #	75
26) 2,2-Dichloropropane	7.081	77	38165	20.347	ug/l	94
27) cis-1,2-Dichloroethene	7.087	96	26729	19.967	ug/l	86
28) Bromochloromethane	7.428	49	16215	21.328	ug/l	80
29) Tetrahydrofuran	7.452	42	16985	102.906	ug/l #	82
30) Chloroform	7.599	83	46853	20.615	ug/l	100
31) Cyclohexane	7.881	56	27899	18.104	ug/l	95
32) 1,1,1-Trichloroethane	7.799	97	41588	21.154	ug/l	99
36) 1,1-Dichloropropene	8.010	75	30566	19.271	ug/l	96
37) Ethyl Acetate	7.175	43	12838	20.566	ug/l #	73
38) Carbon Tetrachloride	7.993	117	35771	19.582	ug/l	91
39) Methylcyclohexane	9.275	83	31890	18.270	ug/l	92
40) Benzene	8.257	78	91777	19.386	ug/l	100

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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)
41) Methacrylonitrile	7.405	41	7654	20.888	ug/l #	84
42) 1,2-Dichloroethane	8.322	62	27173	20.395	ug/l	92
43) Isopropyl Acetate	8.363	43	24331	20.219	ug/l #	73
44) Trichloroethene	9.028	130	24889	19.443	ug/l	96
45) 1,2-Dichloropropane	9.304	63	24432	20.010	ug/l	98
46) Dibromomethane	9.399	93	13365	19.785	ug/l	92
47) Bromodichloromethane	9.587	83	36041	20.069	ug/l	93
48) Methyl methacrylate	9.381	41	12310	18.510	ug/l #	75
49) 1,4-Dioxane	9.381	88	2217	375.445	ug/l #	79
51) 4-Methyl-2-Pentanone	10.157	43	63718	102.198	ug/l	90
52) Toluene	10.334	92	60039	20.080	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	32154	20.173	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	36094	19.847	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	18857	19.903	ug/l	96
56) Ethyl methacrylate	10.604	69	15188	20.570	ug/l #	81
57) 1,3-Dichloropropane	10.881	76	31643	20.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.875	63	31241	92.663	ug/l	96
59) 2-Hexanone	10.922	43	52265	111.495	ug/l	85
60) Dibromochloromethane	11.075	129	23429	19.571	ug/l	95
61) 1,2-Dibromoethane	11.181	107	18109	20.761	ug/l	98
64) Tetrachloroethene	10.810	164	18286	17.832	ug/l	93
65) Chlorobenzene	11.610	112	65656	18.841	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	25792	19.054	ug/l	97
67) Ethyl Benzene	11.687	91	114803	18.760	ug/l	97
68) m/p-Xylenes	11.793	106	86831	36.810	ug/l	87
69) o-Xylene	12.122	106	40471	18.527	ug/l	93
70) Styrene	12.140	104	63933	19.253	ug/l	95
71) Bromoform	12.298	173	13241	19.353	ug/l #	97
73) Isopropylbenzene	12.422	105	110533	18.784	ug/l	96
74) N-amyl acetate	12.234	43	21056	19.565	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	22024	19.890	ug/l	96
76) 1,2,3-Trichloropropane	12.728	75	13575m	18.631	ug/l	
77) Bromobenzene	12.704	156	26010	19.242	ug/l	89
78) n-propylbenzene	12.769	91	137721	19.308	ug/l	95
79) 2-Chlorotoluene	12.851	91	76015	20.030	ug/l	96
80) 1,3,5-Trimethylbenzene	12.910	105	91615	18.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	6758	20.670	ug/l	93
82) 4-Chlorotoluene	12.951	91	80475	19.715	ug/l	95
83) tert-Butylbenzene	13.169	119	77095	18.031	ug/l	91
84) 1,2,4-Trimethylbenzene	13.216	105	91654	18.904	ug/l	98
85) sec-Butylbenzene	13.345	105	121018	19.318	ug/l	95
86) p-Isopropyltoluene	13.463	119	101333	18.269	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	54142	19.304	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	51788	18.694	ug/l	94
89) n-Butylbenzene	13.787	91	97650	18.539	ug/l	97
90) Hexachloroethane	14.057	117	22184	19.459	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	47169	19.496	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	3003	20.015	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	27702	18.491	ug/l	96
94) Hexachlorobutadiene	15.204	225	14746	17.446	ug/l	98
95) Naphthalene	15.334	128	48439	18.239	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	23246	18.195	ug/l	92

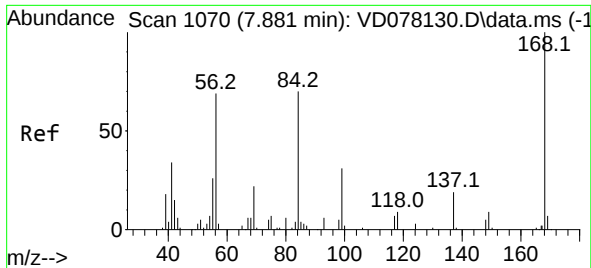
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011124\
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Acq On : 11 Jan 2024 11:06
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Quant Title : SW846 8260
QLast Update : Tue Jan 09 01:29:14 2024
Response via : Initial Calibration

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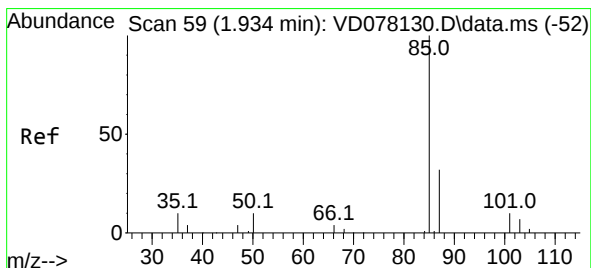
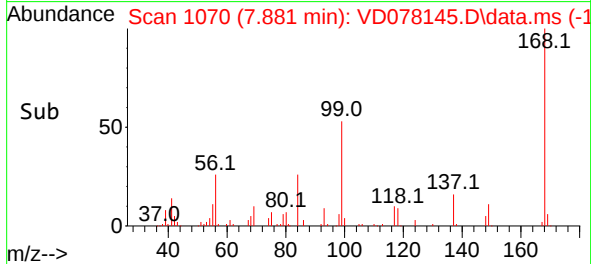
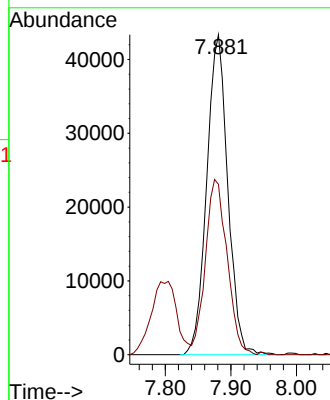
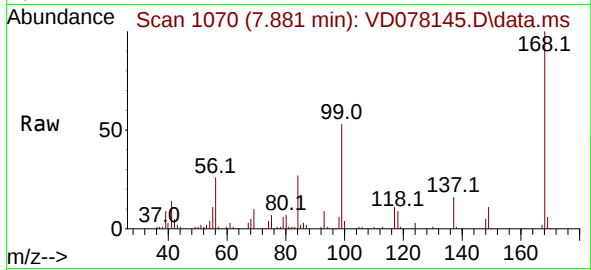
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

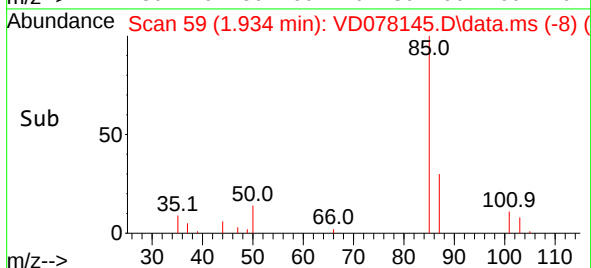
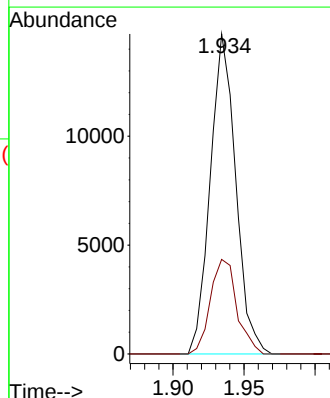
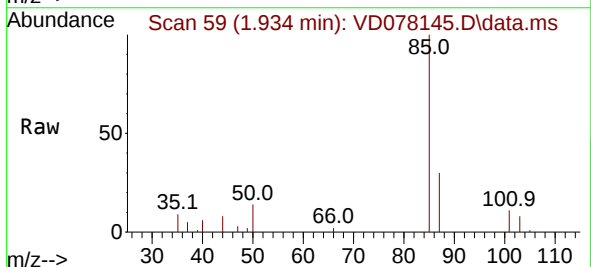
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ClientSampleId :
VD0111SBS01

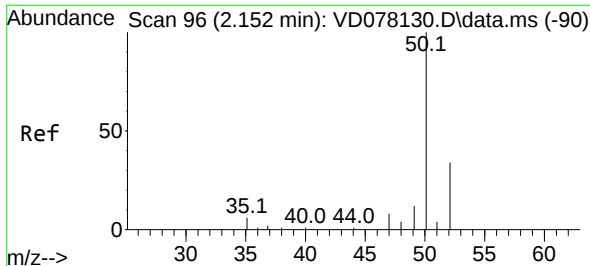
Tgt Ion:168 Resp: 96740
Ion Ratio Lower Upper
168 100
99 53.3 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 20.418 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 85 Resp: 18300
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.0

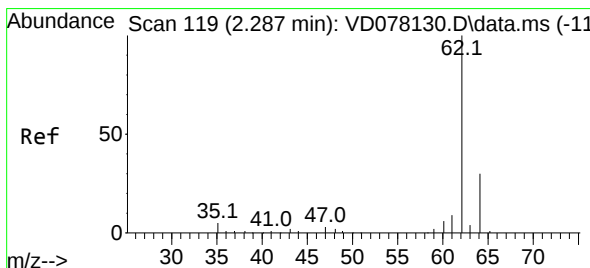
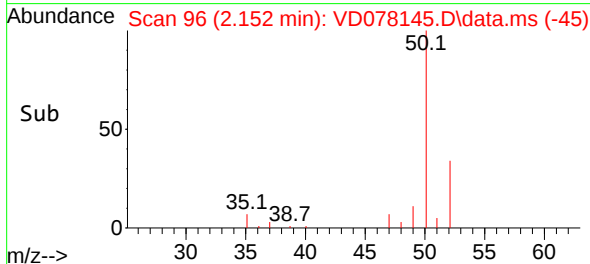
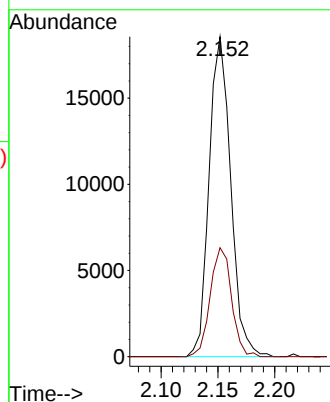
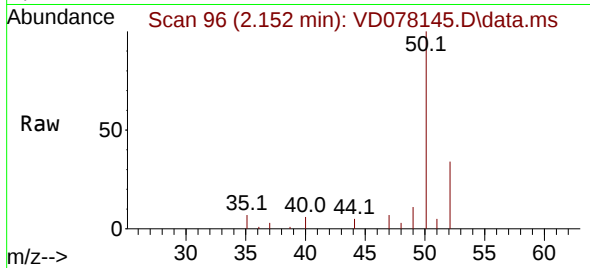




#3
Chloromethane
Concen: 19.988 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

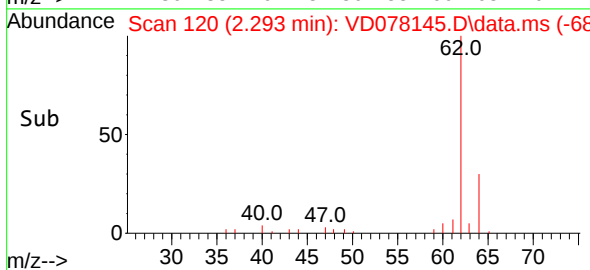
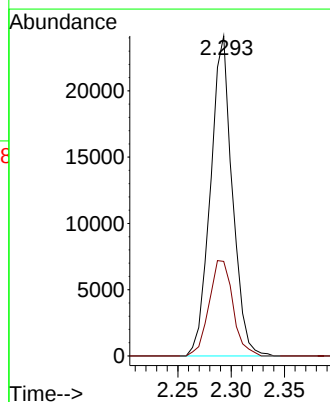
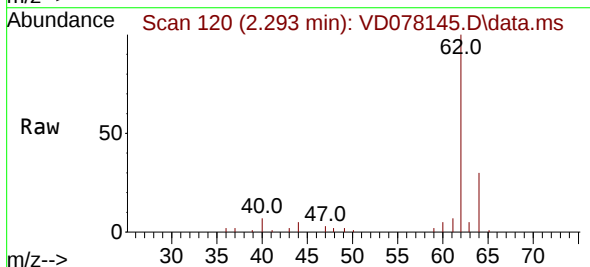
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

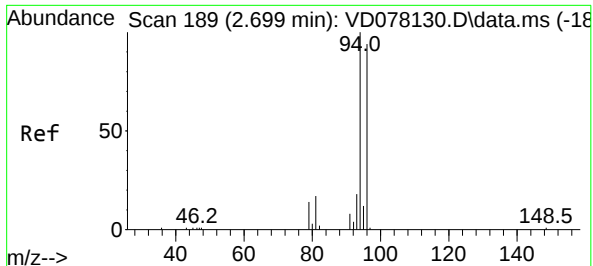
Tgt Ion: 50 Resp: 24587
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0



#4
Vinyl Chloride
Concen: 19.853 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 62 Resp: 34343
Ion Ratio Lower Upper
62 100
64 29.6 26.0 39.0

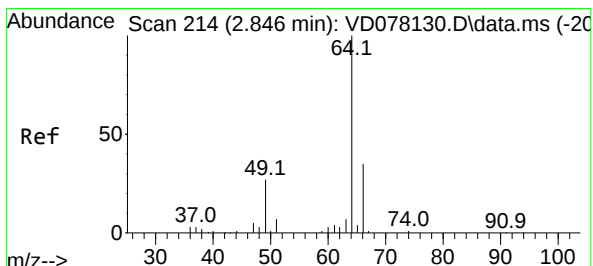
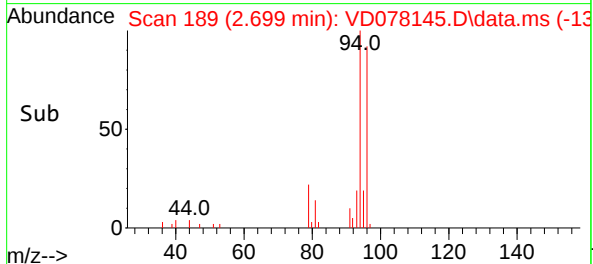
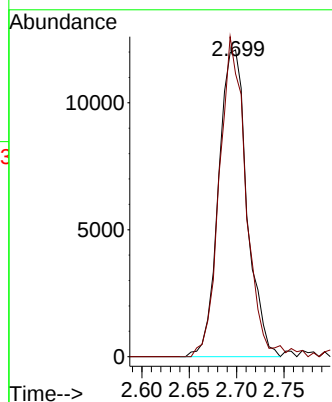
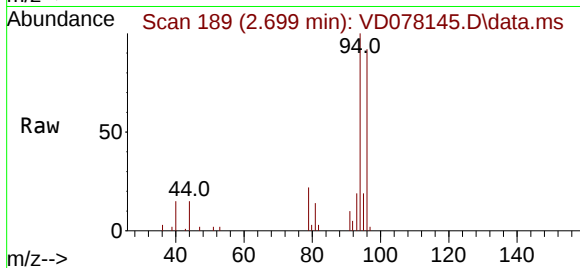




#5
Bromomethane
Concen: 19.004 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

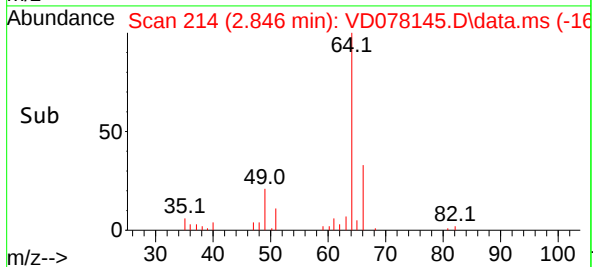
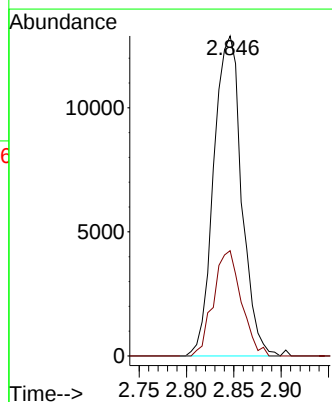
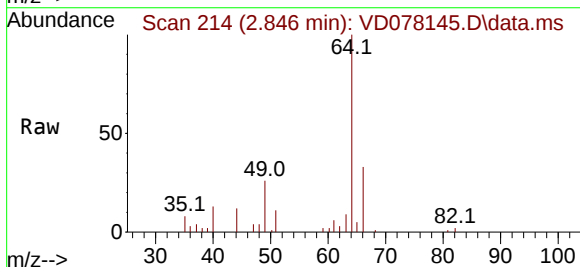
Instrument :
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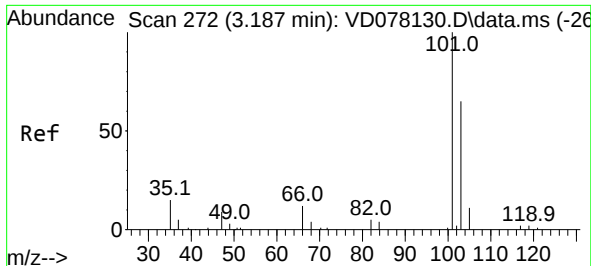
Tgt Ion: 94 Resp: 25239
Ion Ratio Lower Upper
94 100
96 98.0 75.8 113.8



#6
Chloroethane
Concen: 20.596 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 64 Resp: 26454
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

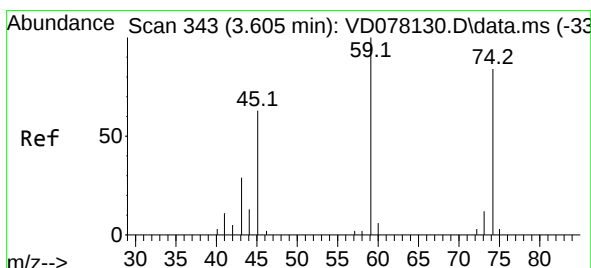
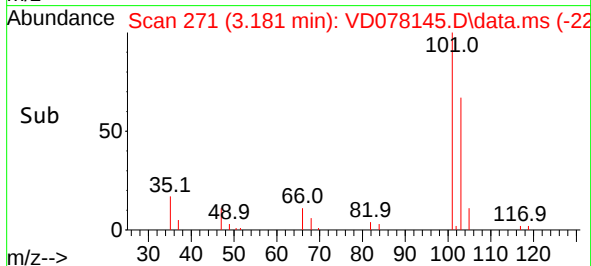
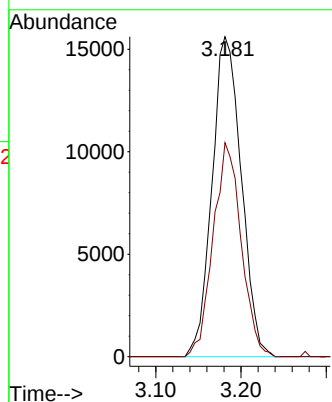
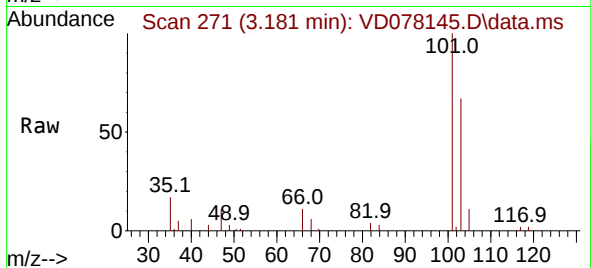




#7
Trichlorofluoromethane
Concen: 19.623 ug/l
RT: 3.181 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

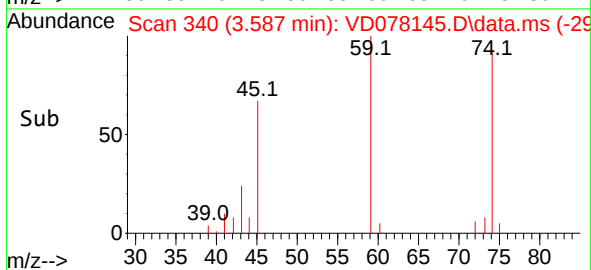
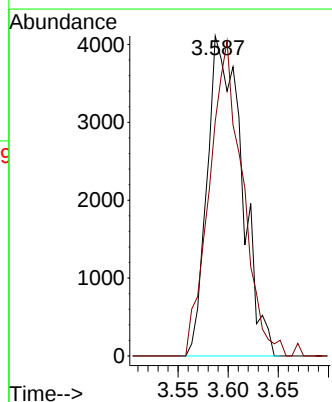
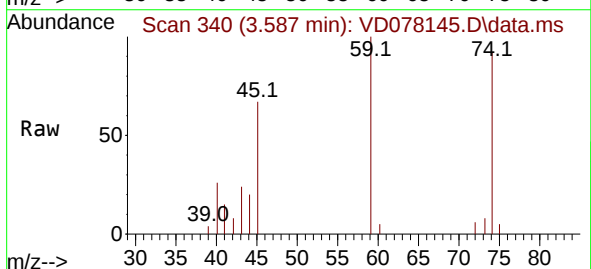
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

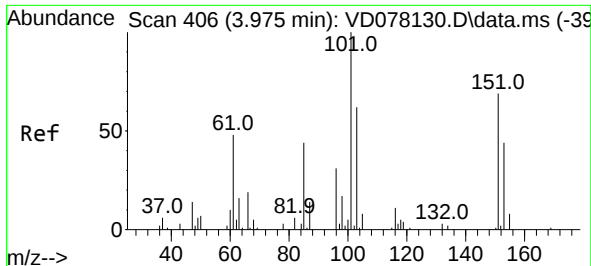
Tgt Ion:101 Resp: 37300
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#8
Diethyl Ether
Concen: 19.728 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.018 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 74 Resp: 9833
Ion Ratio Lower Upper
74 100
45 94.2 37.5 112.7

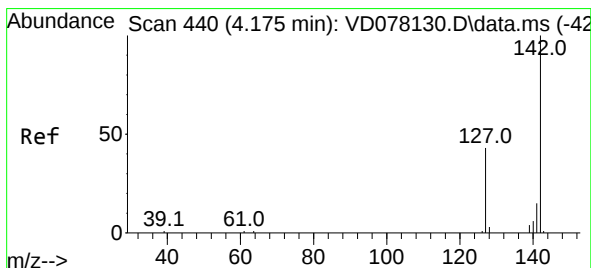
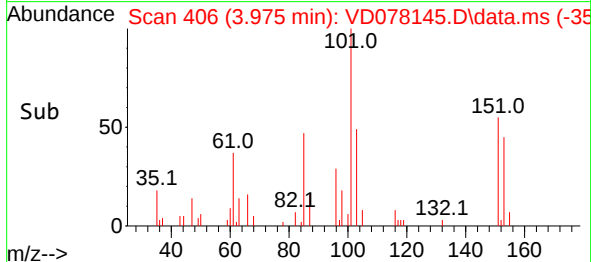
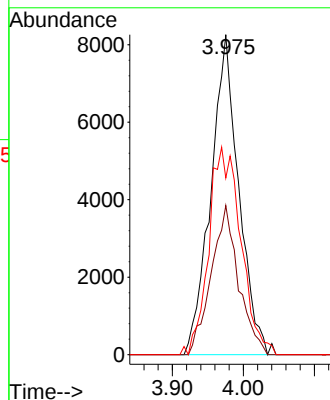
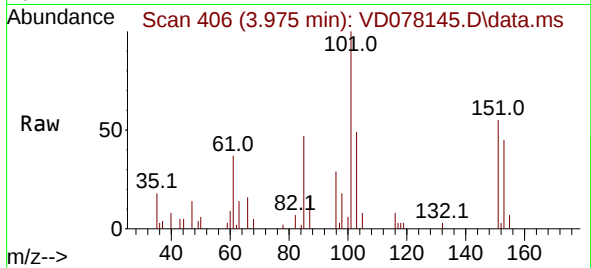




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.959 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD078145.D
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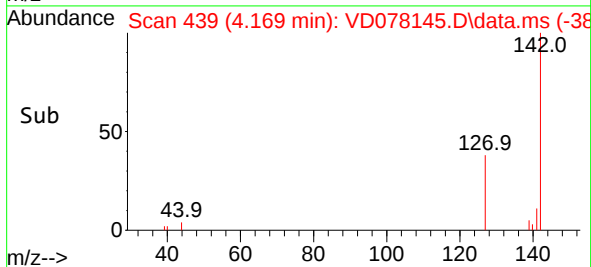
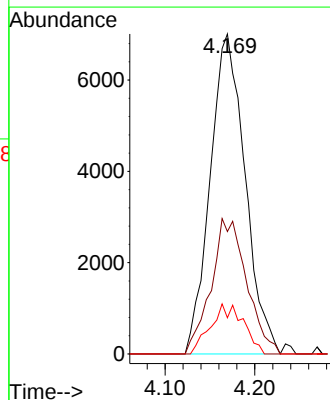
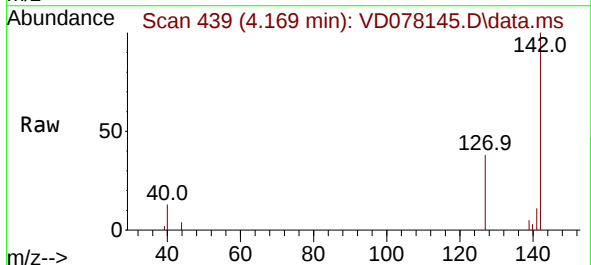
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

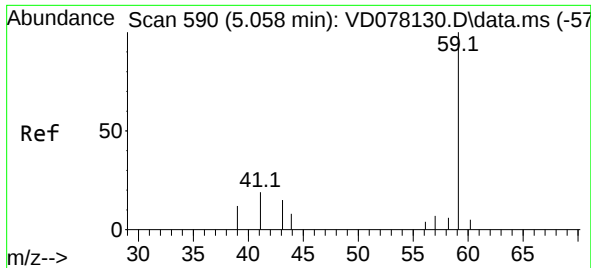
Tgt Ion:	101	Resp:	22551
Ion	Ratio	Lower	Upper
101	100		
85	45.7	33.8	50.6
151	74.5	59.8	89.6



#10
Methyl Iodide
Concen: 18.349 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:	142	Resp:	18931
Ion	Ratio	Lower	Upper
142	100		
127	43.2	29.4	44.0
141	14.6	11.1	16.7

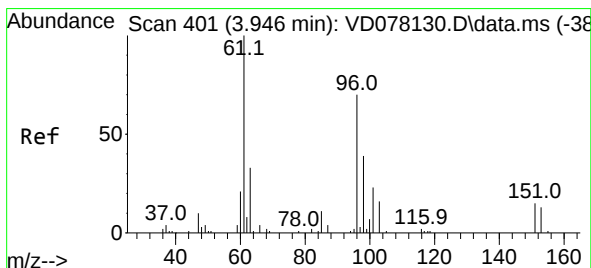
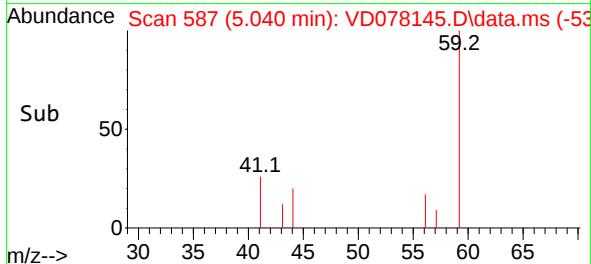
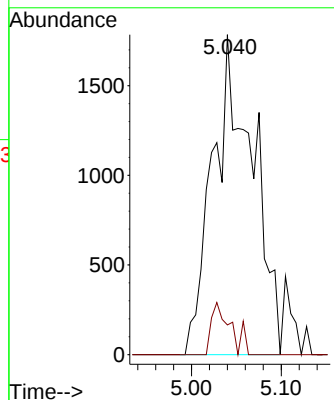
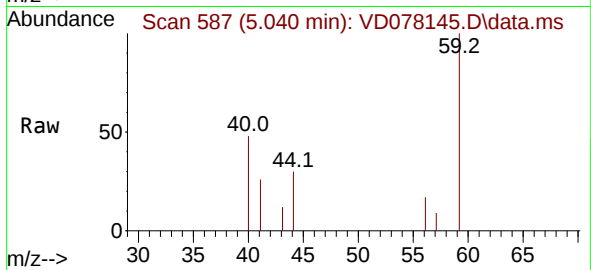




#11
Tert butyl alcohol
Concen: 106.486 ug/l
RT: 5.040 min Scan# 590
Delta R.T. -0.018 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

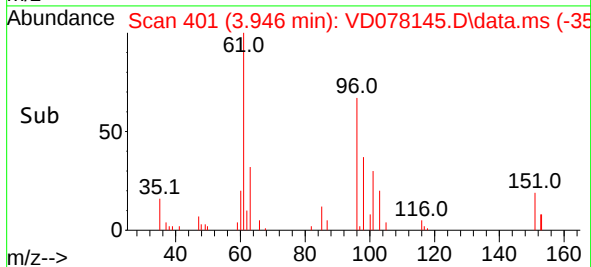
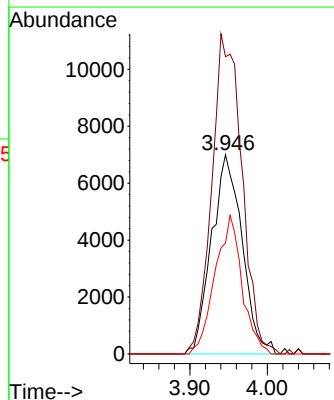
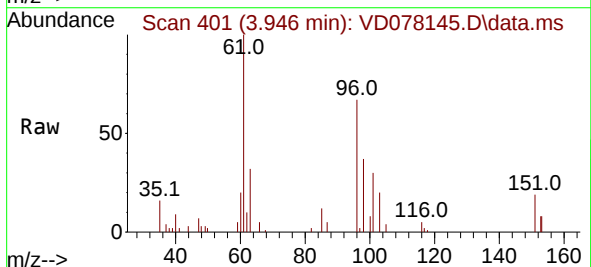
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

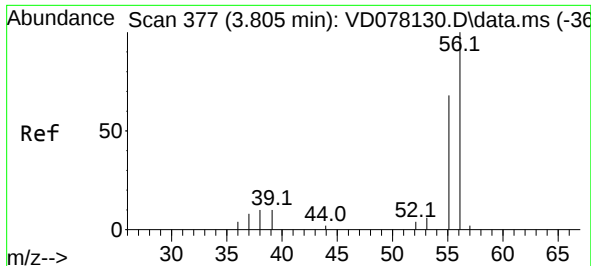
Tgt Ion: 59 Resp: 5525
Ion Ratio Lower Upper
59 100
57 7.8 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 20.016 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 96 Resp: 19150
Ion Ratio Lower Upper
96 100
61 149.2 100.6 150.8
98 55.7 50.2 75.2

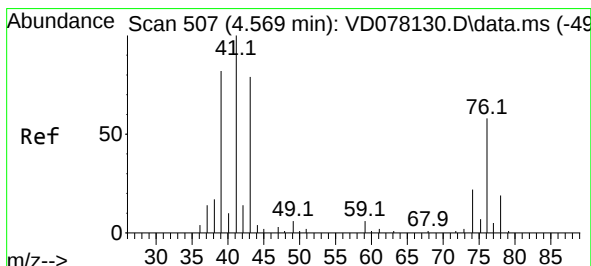
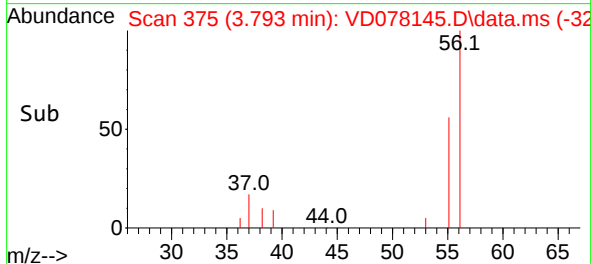
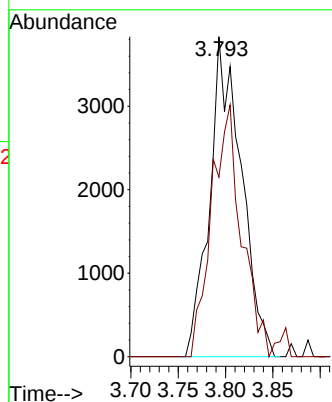
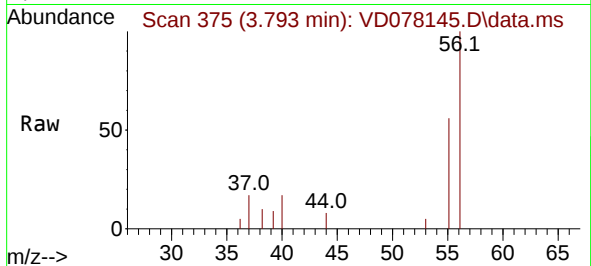




#13
Acrolein
Concen: 101.570 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.012 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

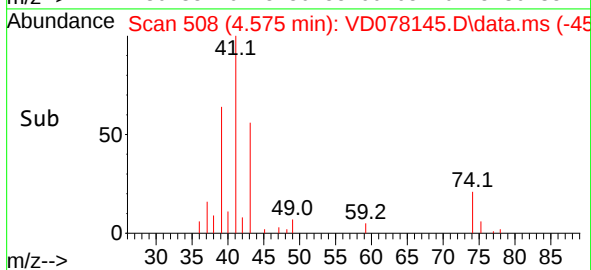
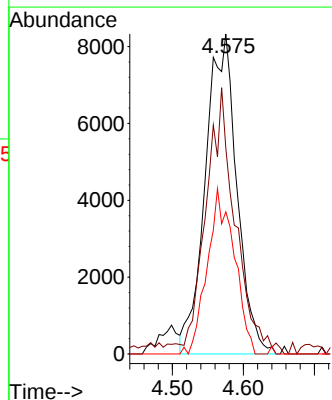
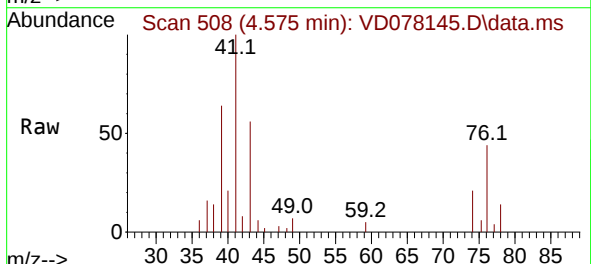
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

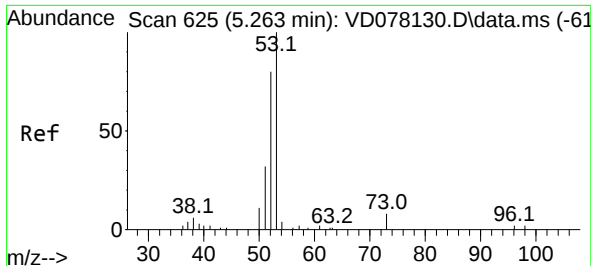
Tgt Ion: 56 Resp: 8910
Ion Ratio Lower Upper
56 100
55 74.6 55.1 82.7



#14
Allyl chloride
Concen: 20.037 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 41 Resp: 25609
Ion Ratio Lower Upper
41 100
39 77.6 53.8 80.6
76 44.3 45.8 68.8#

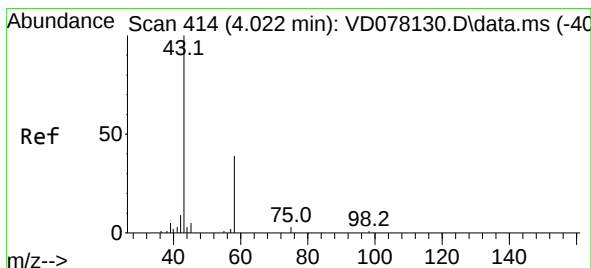
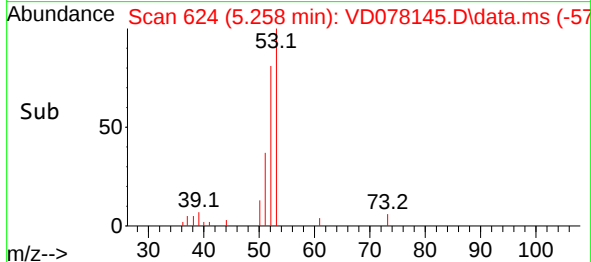
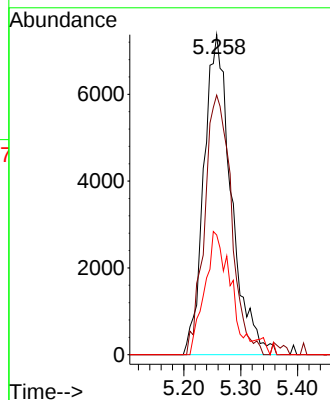
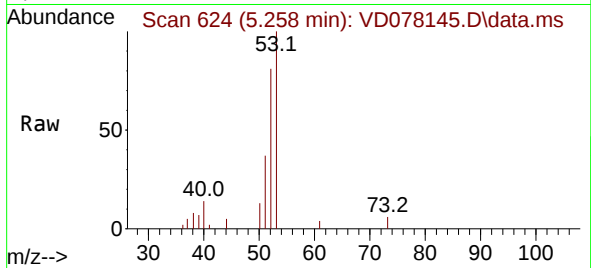




#15
Acrylonitrile
Concen: 105.838 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

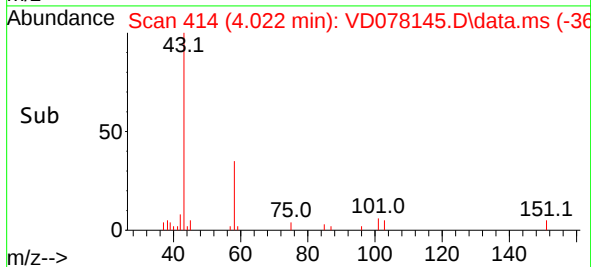
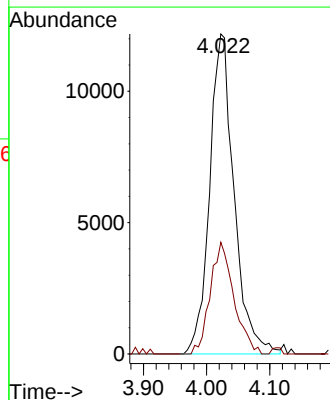
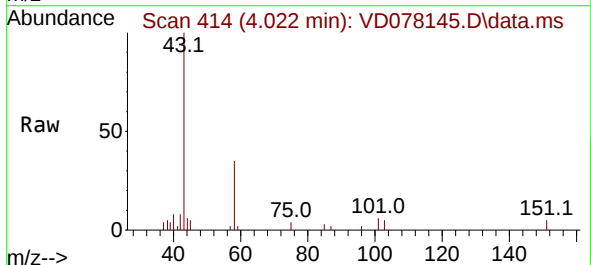
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

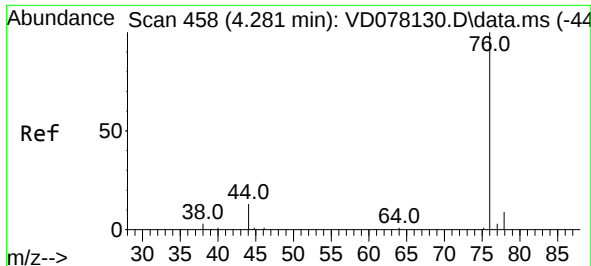
Tgt Ion: 53 Resp: 24681
Ion Ratio Lower Upper
53 100
52 79.2 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 126.999 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 43 Resp: 32770
Ion Ratio Lower Upper
43 100
58 34.9 34.7 52.1

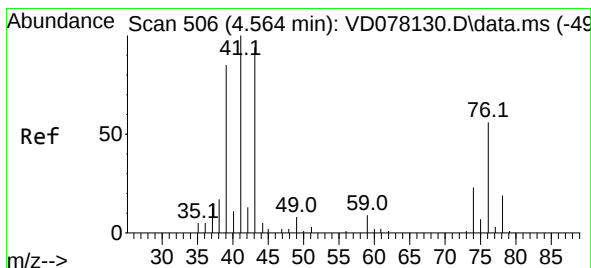
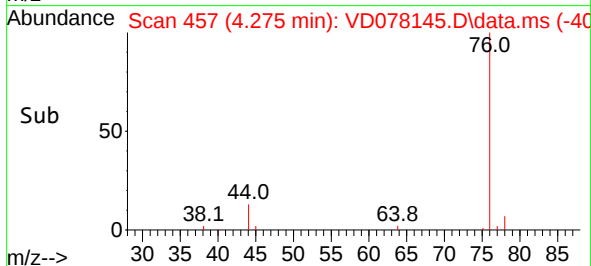
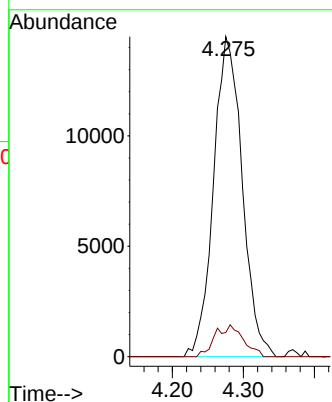
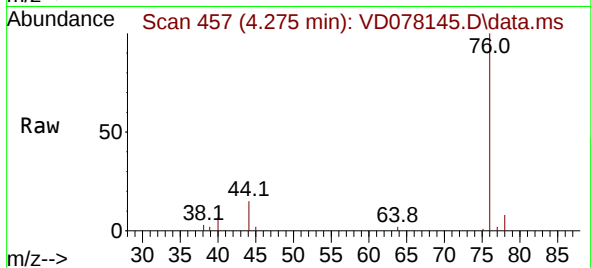




#17
Carbon Disulfide
Concen: 19.001 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

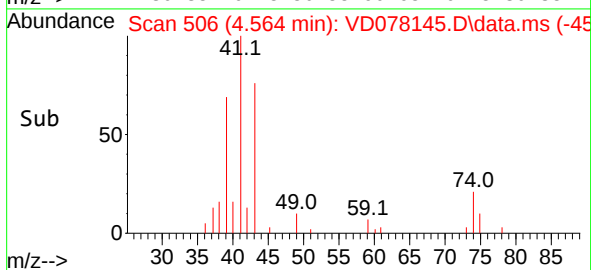
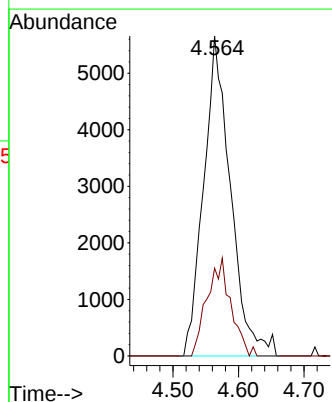
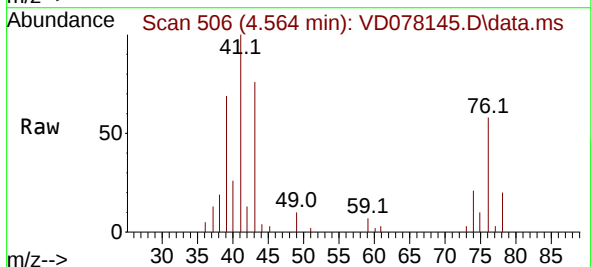
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

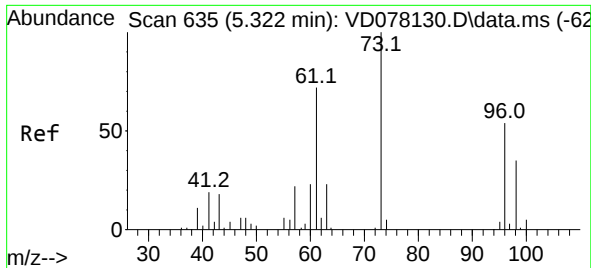
Tgt Ion: 76 Resp: 40516
Ion Ratio Lower Upper
76 100
78 7.6 6.8 10.2



#18
Methyl Acetate
Concen: 17.593 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 43 Resp: 16128
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

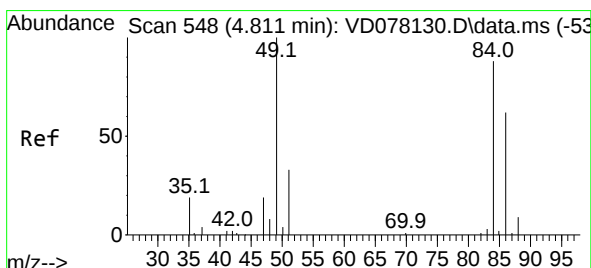
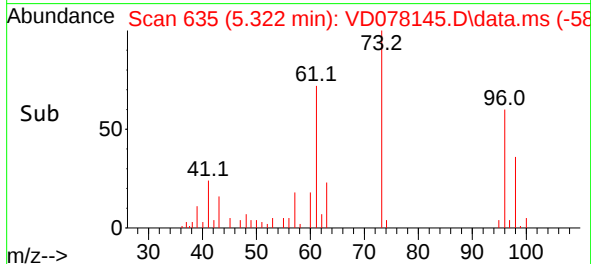
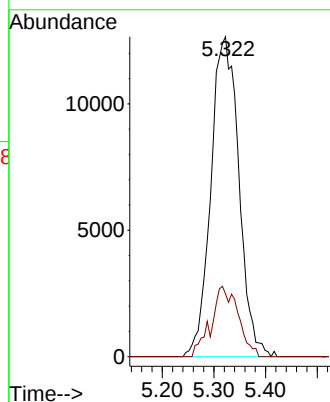
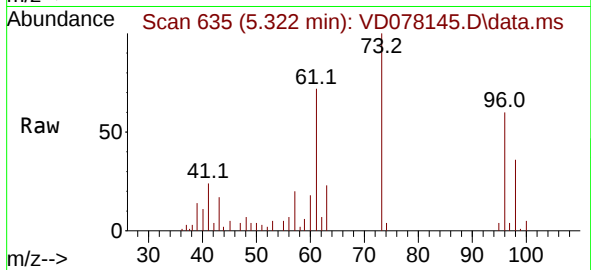




#19
Methyl tert-butyl Ether
Concen: 20.647 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

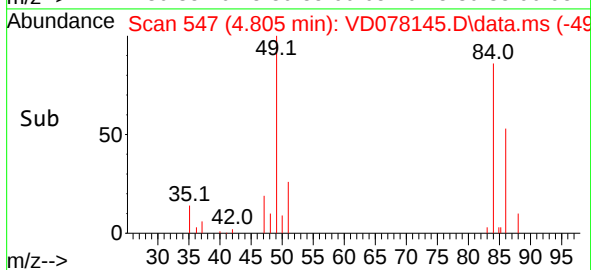
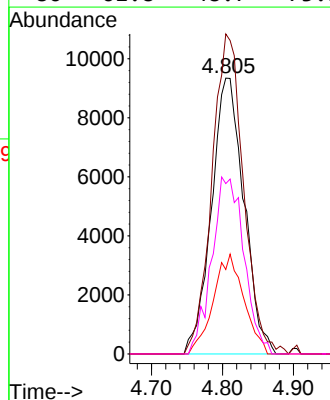
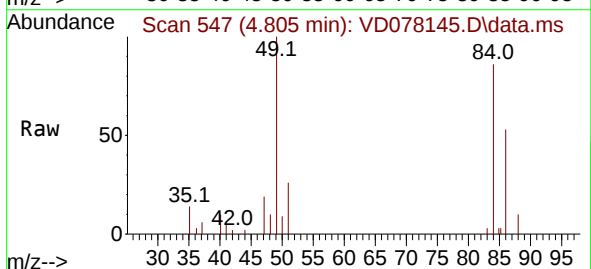
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

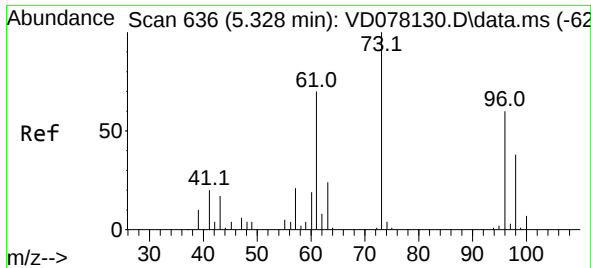
Tgt Ion: 73 Resp: 47591
Ion Ratio Lower Upper
73 100
57 19.7 16.6 25.0



#20
Methylene Chloride
Concen: 19.922 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 84 Resp: 29673
Ion Ratio Lower Upper
84 100
49 116.0 71.4 107.2#
51 30.6 24.5 36.7
86 61.8 48.7 73.1

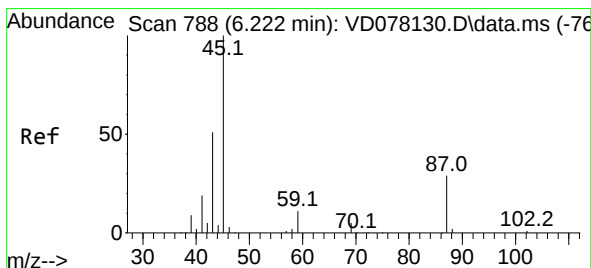
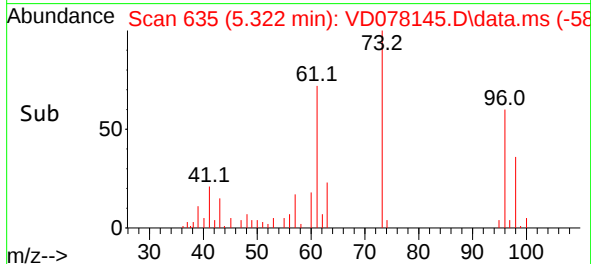
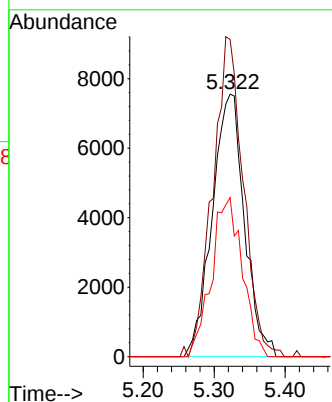
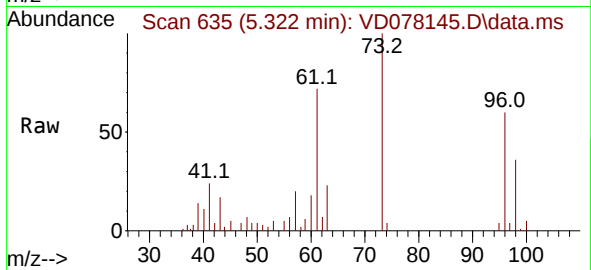




#21
trans-1,2-Dichloroethene
Concen: 21.850 ug/l
RT: 5.322 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

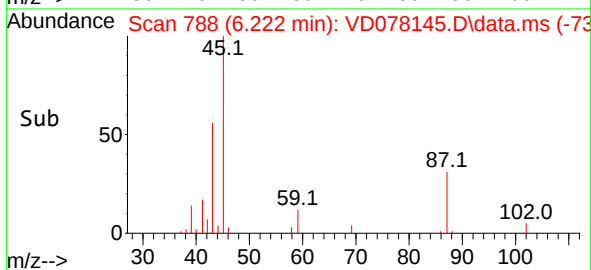
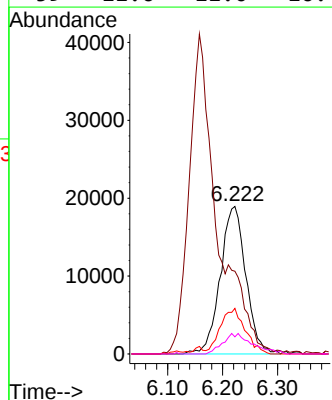
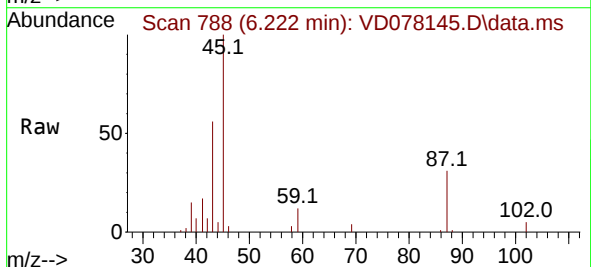
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

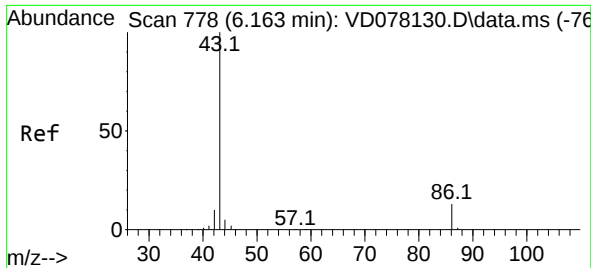
Tgt Ion: 96 Resp: 23791
Ion Ratio Lower Upper
96 100
61 120.8 89.3 133.9
98 60.6 48.6 73.0



#22
Diisopropyl ether
Concen: 20.352 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 45 Resp: 61166
Ion Ratio Lower Upper
45 100
43 53.8 40.0 60.0
87 30.9 28.2 42.4
59 11.6 11.0 16.4

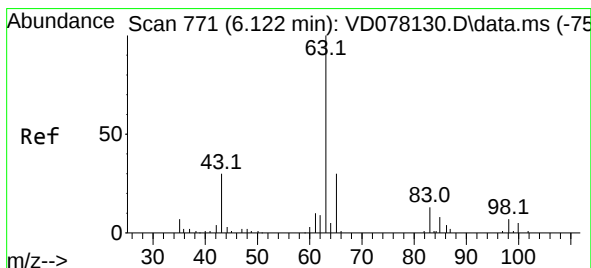
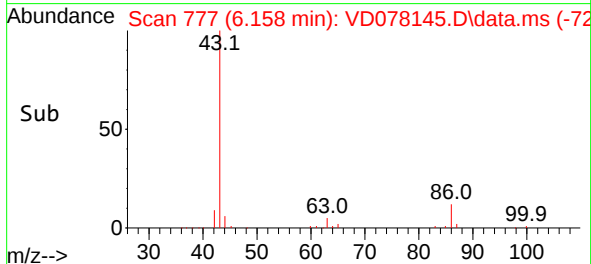
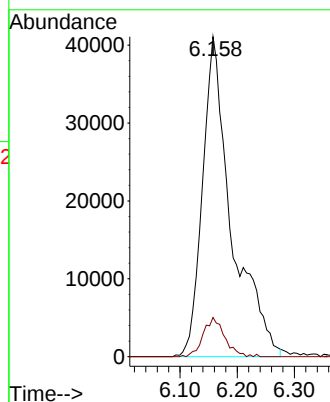
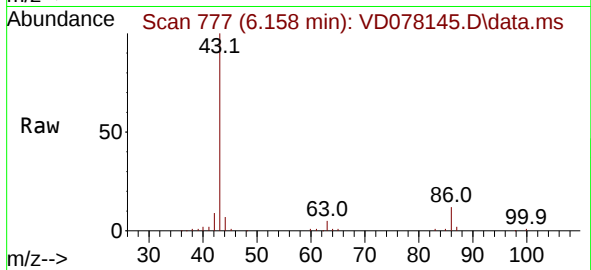




#23
 Vinyl Acetate
 Concen: 107.325 ug/l m
 RT: 6.158 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD078145.D
 Acq: 11 Jan 2024 11:06

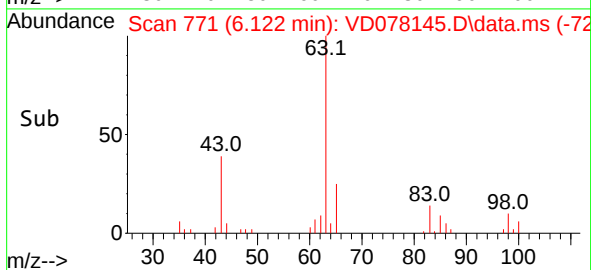
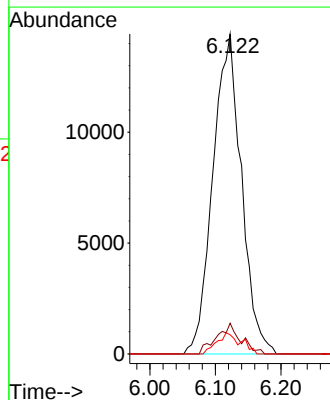
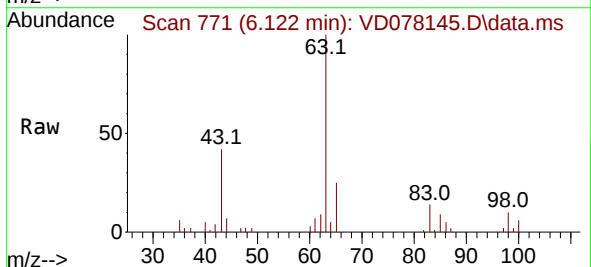
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0111SBS01

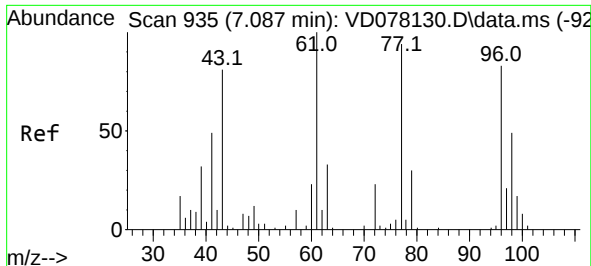
Tgt Ion: 43 Resp: 144896
 Ion Ratio Lower Upper
 43 100
 86 12.2 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 20.793 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078145.D
 Acq: 11 Jan 2024 11:06

Tgt Ion: 63 Resp: 43601
 Ion Ratio Lower Upper
 63 100
 98 9.6 4.5 13.7
 100 6.0 2.5 7.5





#25

2-Butanone

Concen: 118.005 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

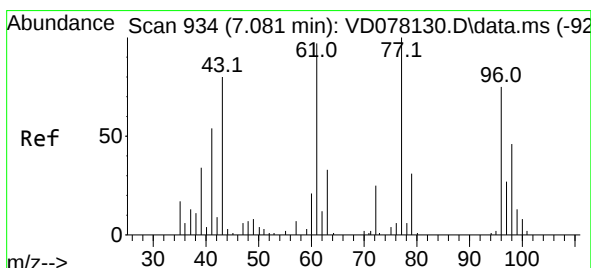
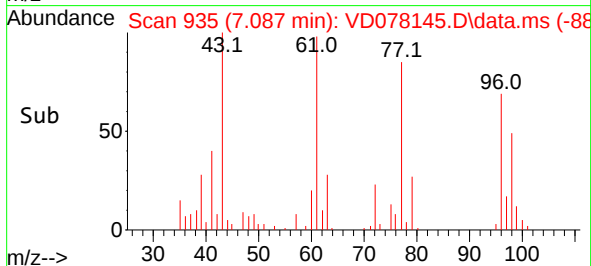
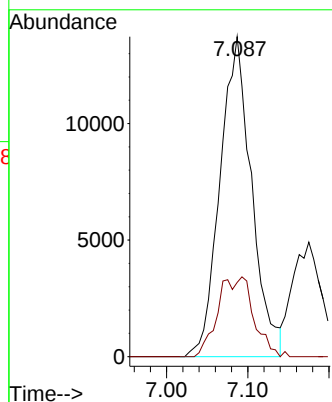
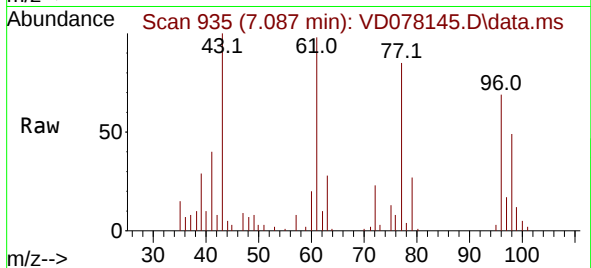
VD0111SBS01

Tgt Ion: 43 Resp: 37126

Ion Ratio Lower Upper

43 100

72 23.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 20.347 ug/l

RT: 7.081 min Scan# 934

Delta R.T. 0.000 min

Lab File: VD078145.D

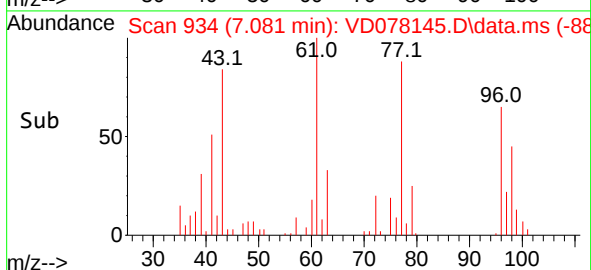
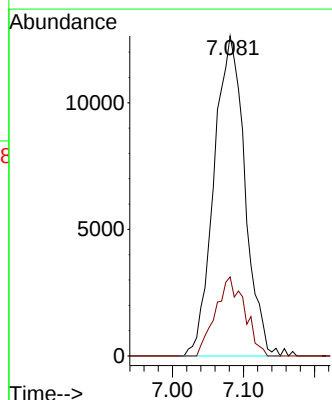
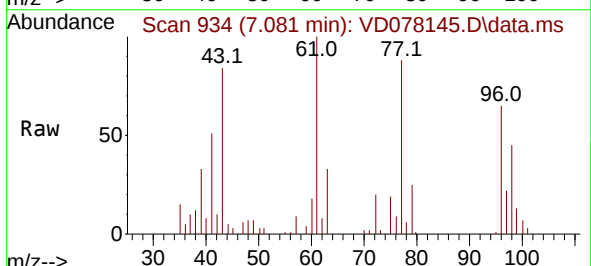
Acq: 11 Jan 2024 11:06

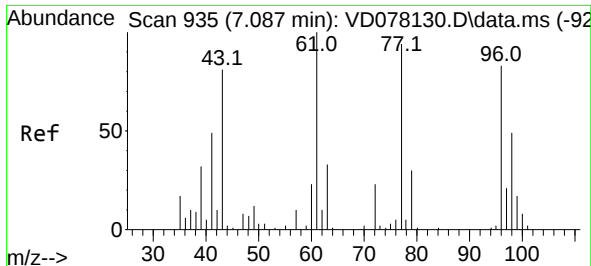
Tgt Ion: 77 Resp: 38165

Ion Ratio Lower Upper

77 100

97 23.4 13.2 39.6

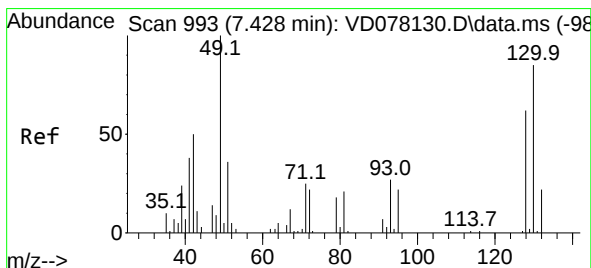
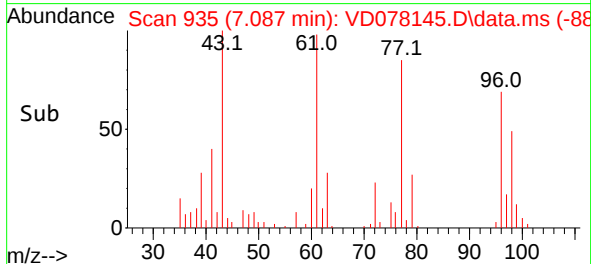
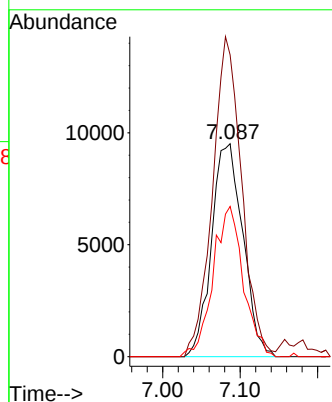
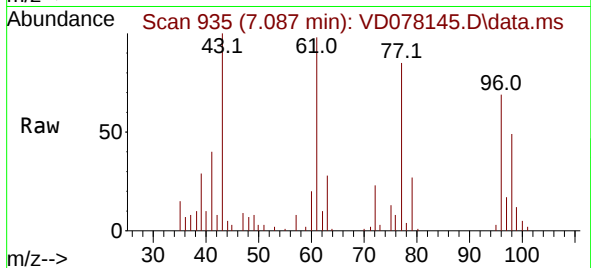




#27
cis-1,2-Dichloroethene
Concen: 19.967 ug/l
RT: 7.087 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

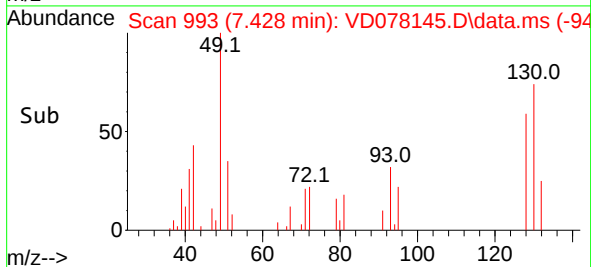
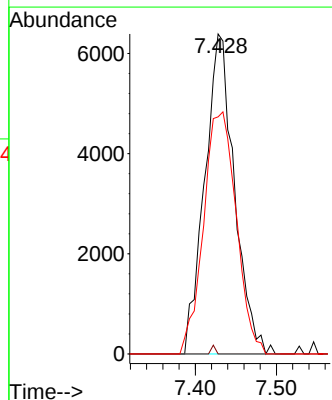
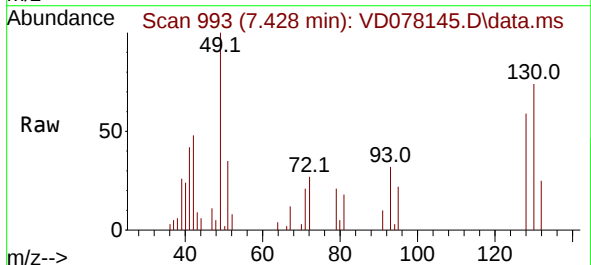
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

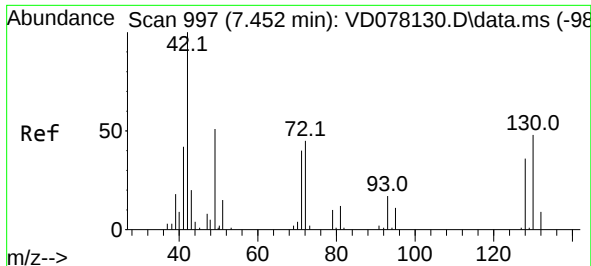
Tgt Ion: 96 Resp: 26729
Ion Ratio Lower Upper
96 100
61 139.9 0.0 239.2
98 68.0 0.0 128.6



#28
Bromochloromethane
Concen: 21.328 ug/l
RT: 7.428 min Scan# 993
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 49 Resp: 16215
Ion Ratio Lower Upper
49 100
129 0.4 0.0 6.0
130 83.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 102.906 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

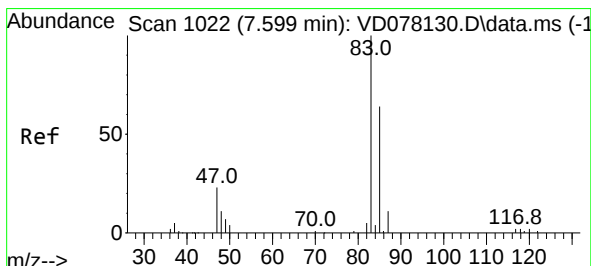
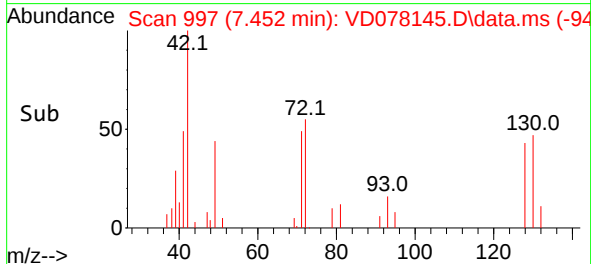
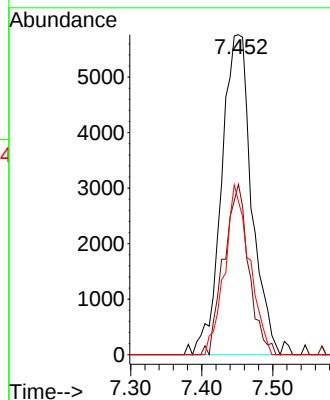
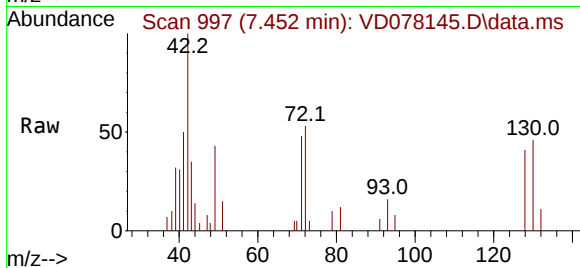
Tgt Ion: 42 Resp: 16985

Ion Ratio Lower Upper

42 100

72 44.1 46.5 69.7#

71 43.8 44.5 66.7#



#30

Chloroform

Concen: 20.615 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD078145.D

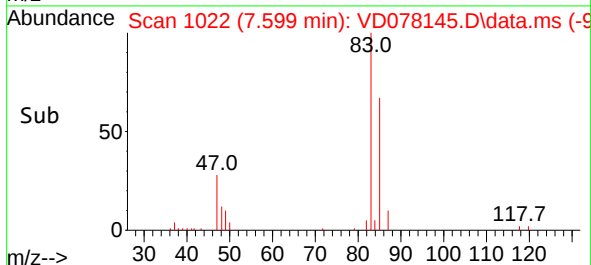
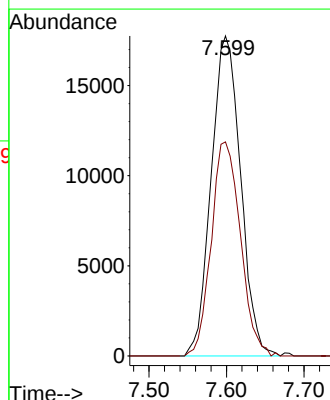
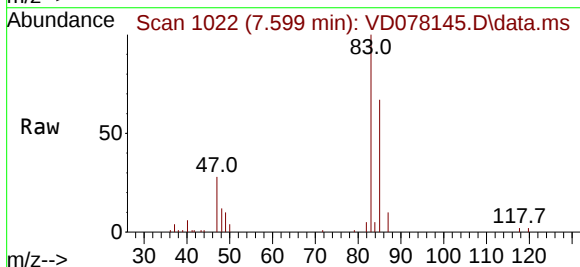
Acq: 11 Jan 2024 11:06

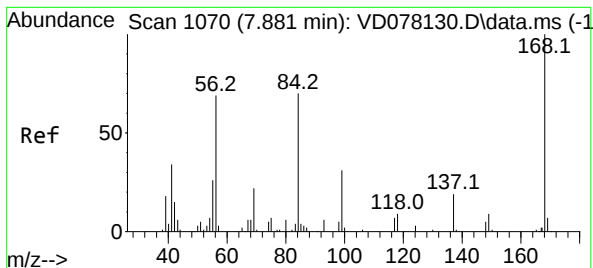
Tgt Ion: 83 Resp: 46853

Ion Ratio Lower Upper

83 100

85 66.9 53.4 80.2





#31

Cyclohexane

Concen: 18.104 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

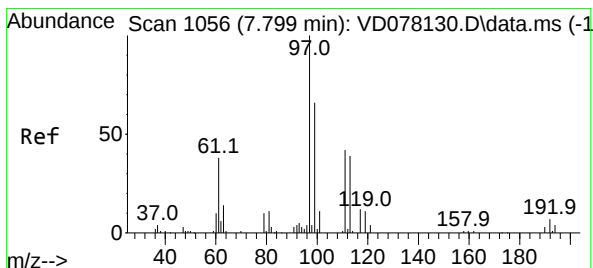
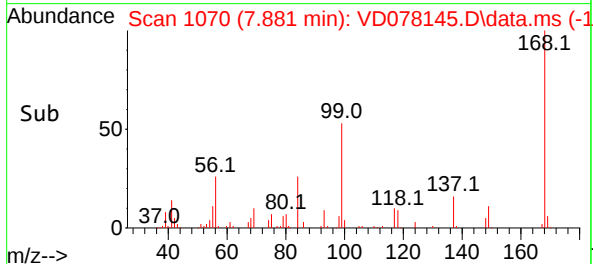
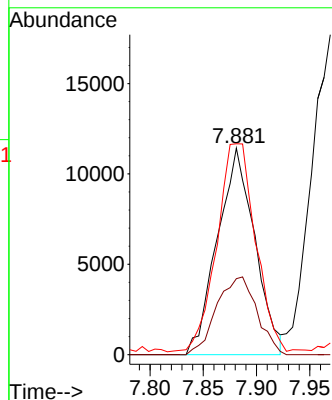
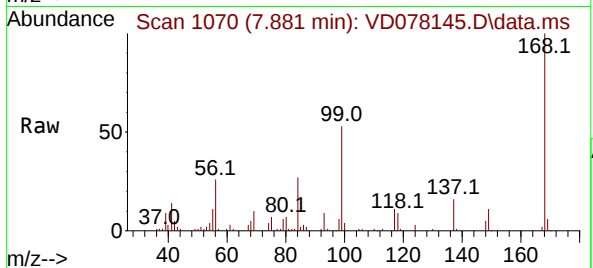
Tgt Ion: 56 Resp: 27899

Ion Ratio Lower Upper

56 100

69 36.8 28.6 43.0

84 99.9 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 21.154 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

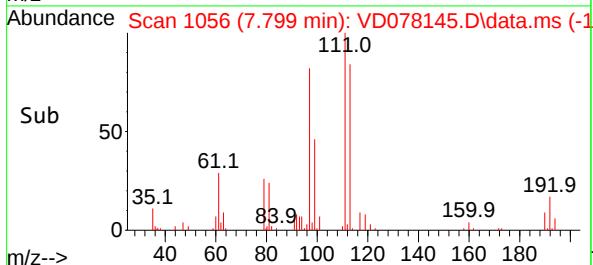
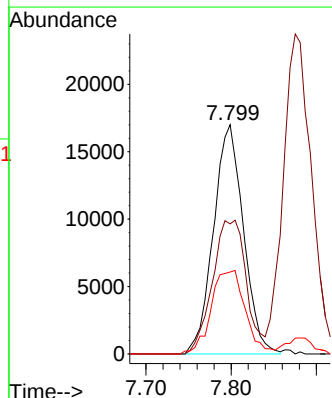
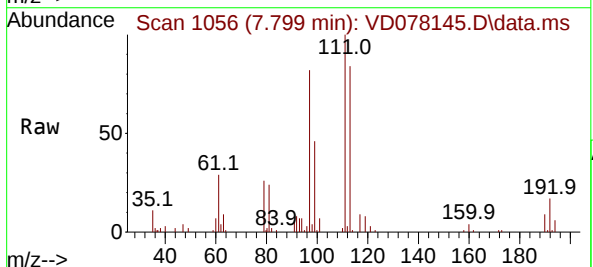
Tgt Ion: 97 Resp: 41588

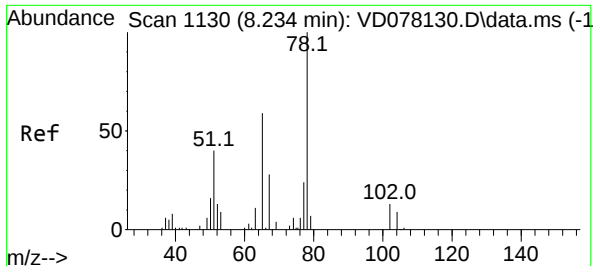
Ion Ratio Lower Upper

97 100

99 66.0 52.0 78.0

61 41.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.952 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

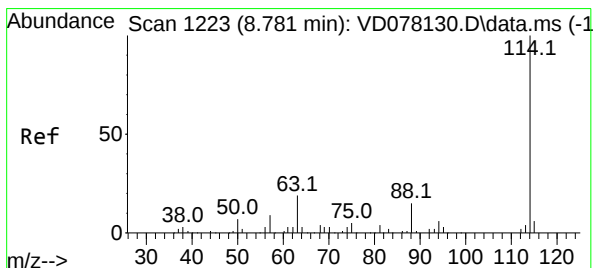
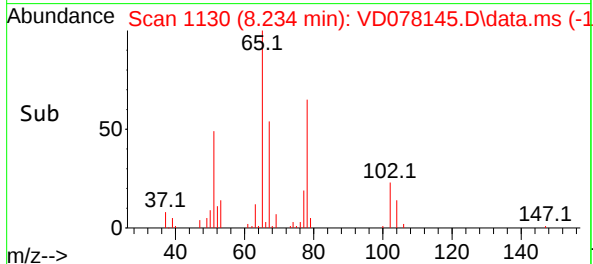
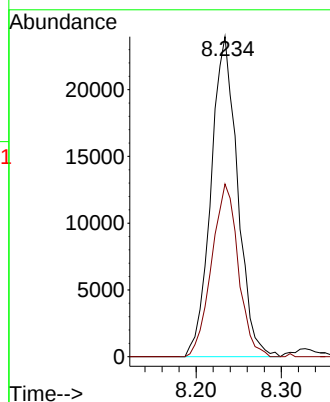
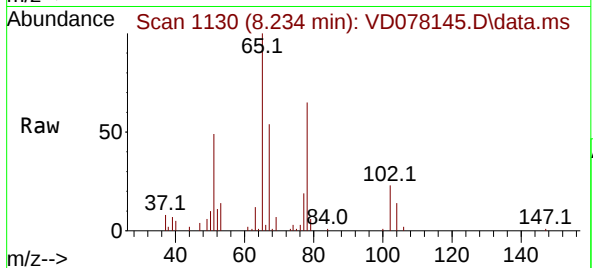
VD0111SBS01

Tgt Ion: 65 Resp: 51892

Ion Ratio Lower Upper

65 100

67 54.0 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: VD078145.D

Acq: 11 Jan 2024 11:06

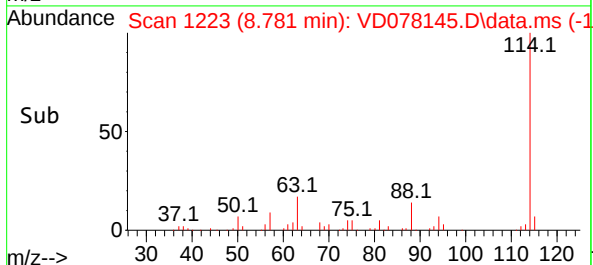
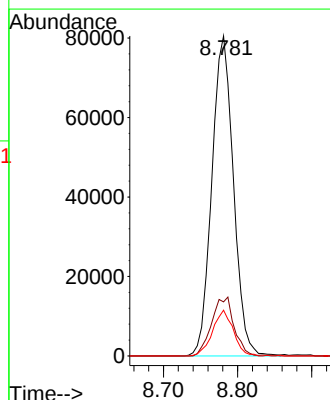
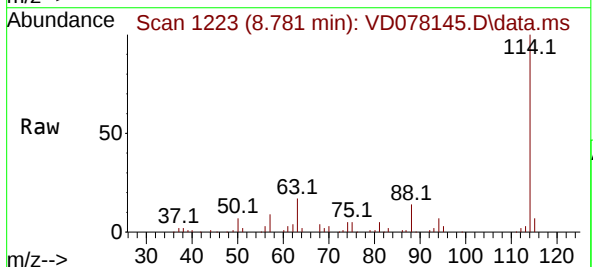
Tgt Ion: 114 Resp: 162991

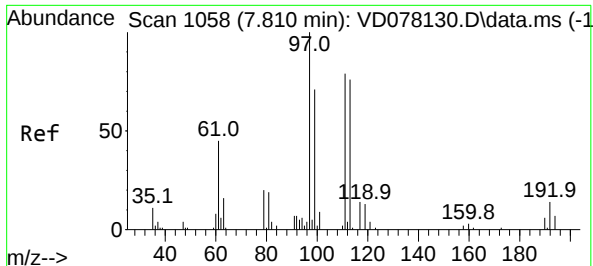
Ion Ratio Lower Upper

114 100

63 16.9 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.432 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

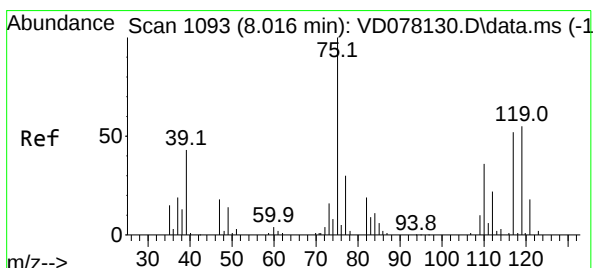
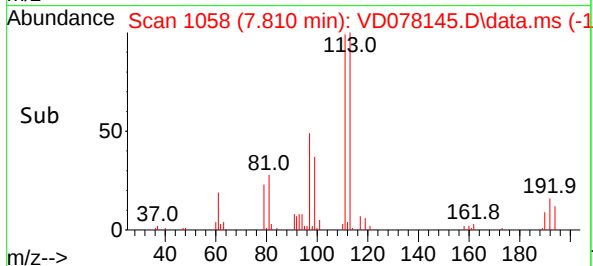
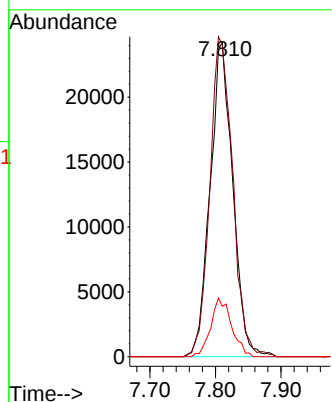
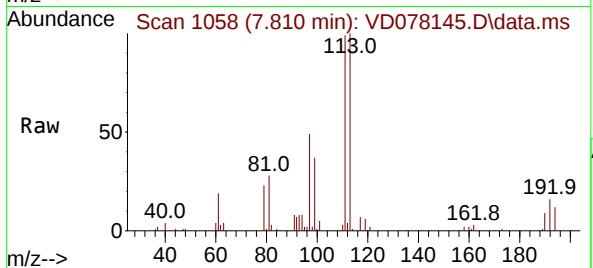
Tgt Ion:113 Resp: 58066

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.2 16.8 25.2



#36

1,1-Dichloropropene

Concen: 19.271 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

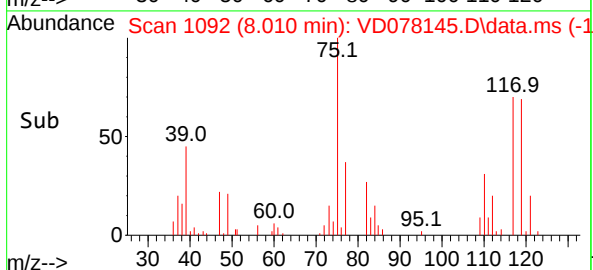
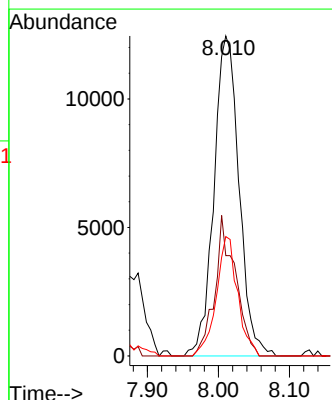
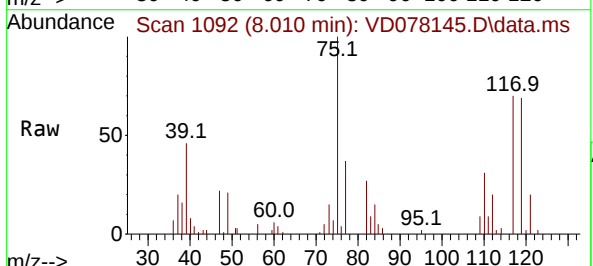
Tgt Ion: 75 Resp: 30566

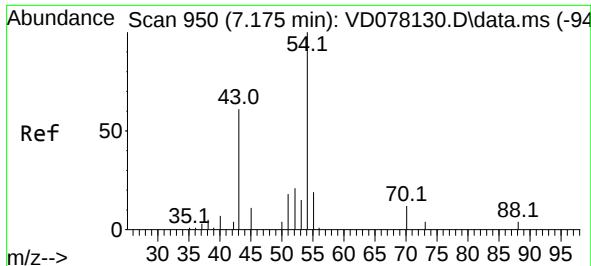
Ion Ratio Lower Upper

75 100

110 36.0 19.9 59.6

77 31.7 24.7 37.1





#37

Ethyl Acetate

Concen: 20.566 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

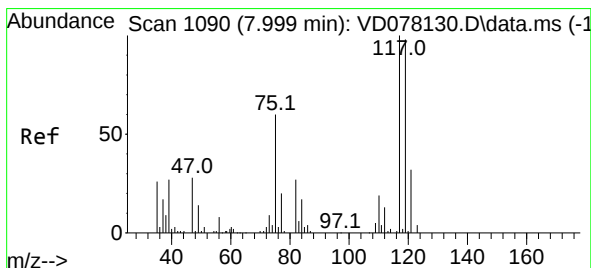
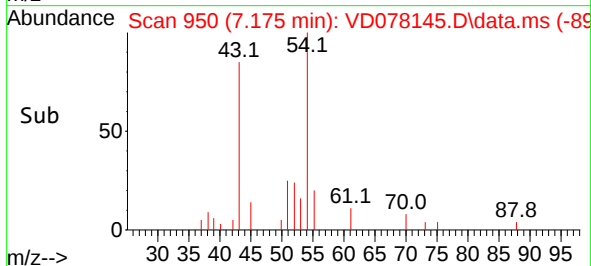
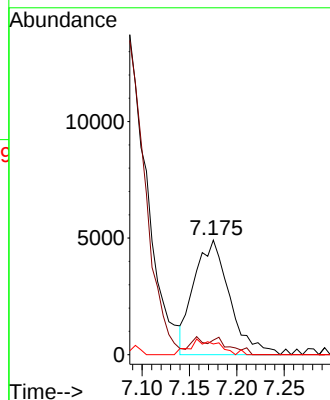
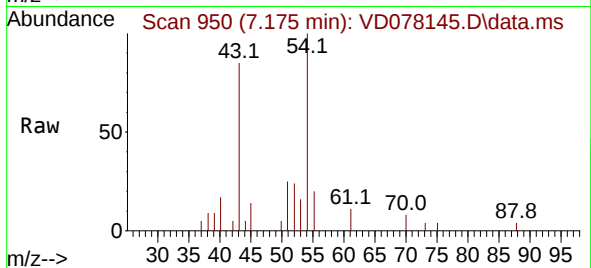
Tgt Ion: 43 Resp: 12838

Ion Ratio Lower Upper

43 100

61 0.0 14.9 22.3#

70 10.5 10.0 15.0



#38

Carbon Tetrachloride

Concen: 19.582 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

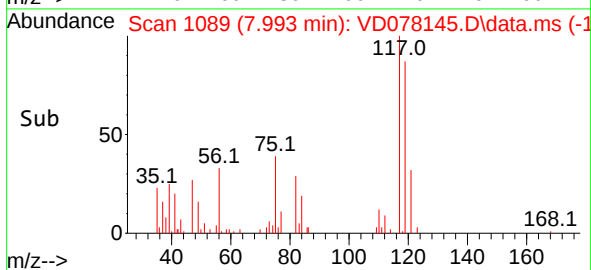
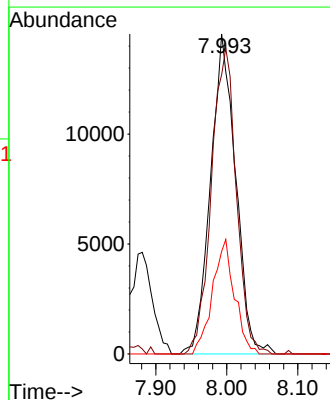
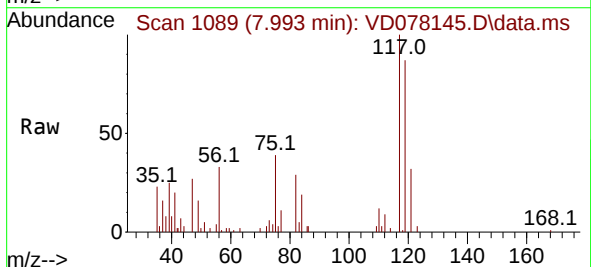
Tgt Ion: 117 Resp: 35771

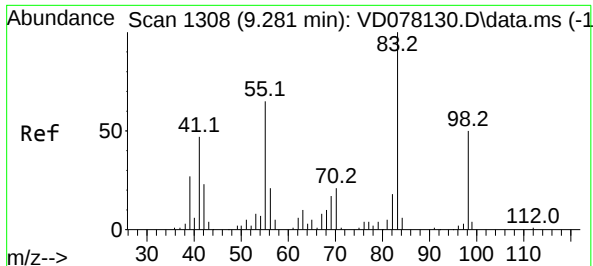
Ion Ratio Lower Upper

117 100

119 87.3 78.0 117.0

121 32.1 24.2 36.2





#39

Methylcyclohexane

Concen: 18.270 ug/l

RT: 9.275 min Scan# 1137

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

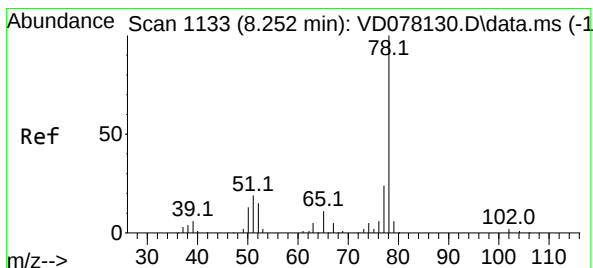
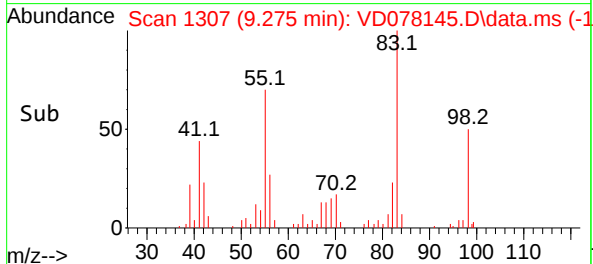
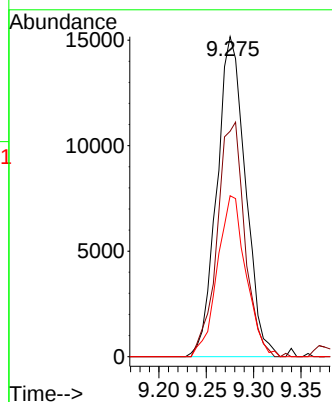
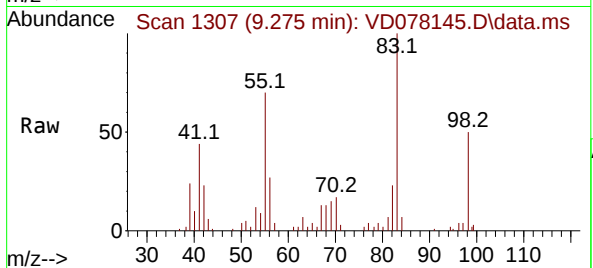
Tgt Ion: 83 Resp: 31890

Ion Ratio Lower Upper

83 100

55 70.5 49.4 74.0

98 50.3 38.4 57.6



#40

Benzene

Concen: 19.386 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VD078145.D

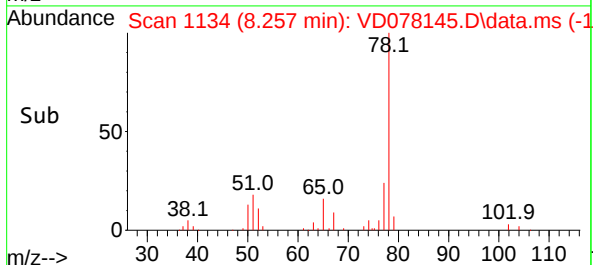
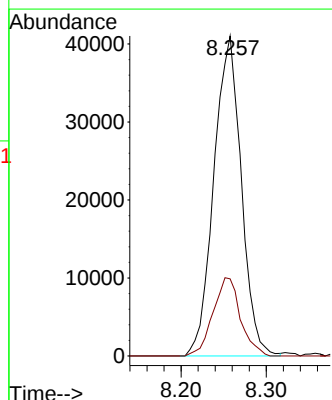
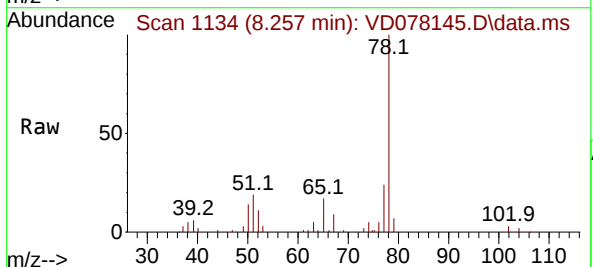
Acq: 11 Jan 2024 11:06

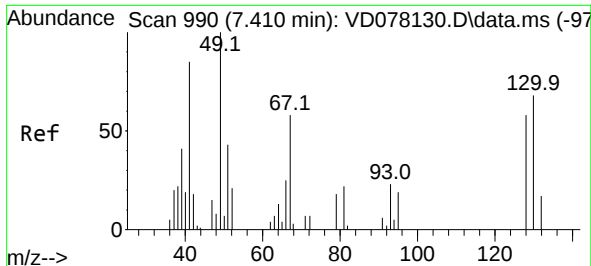
Tgt Ion: 78 Resp: 91777

Ion Ratio Lower Upper

78 100

77 24.1 19.4 29.0

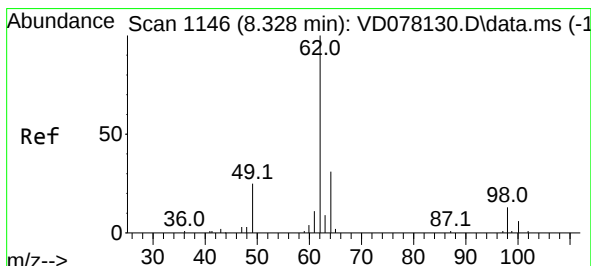
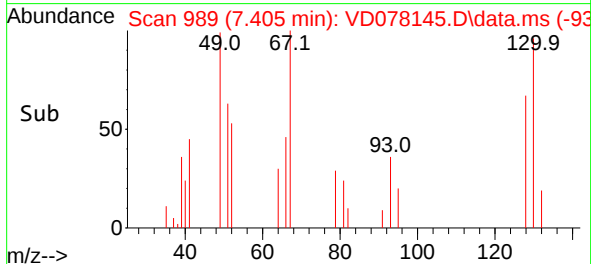
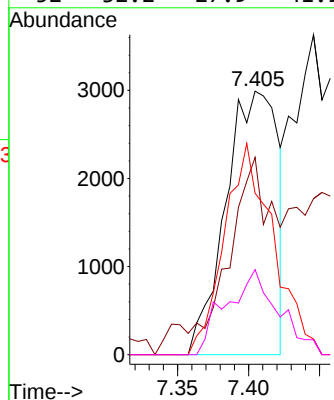
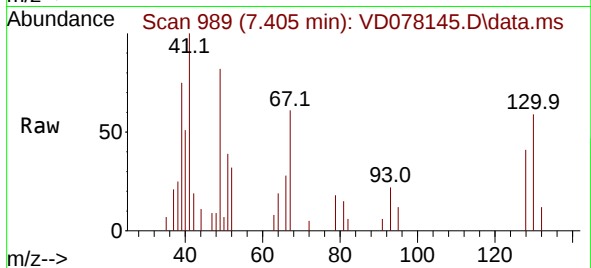




#41
Methacrylonitrile
Concen: 20.888 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

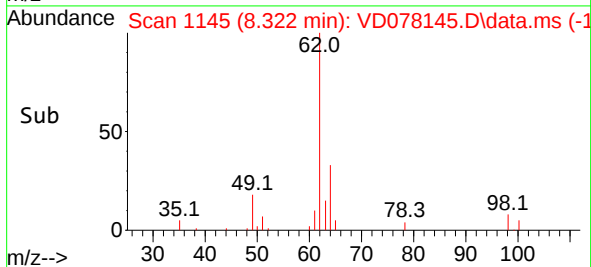
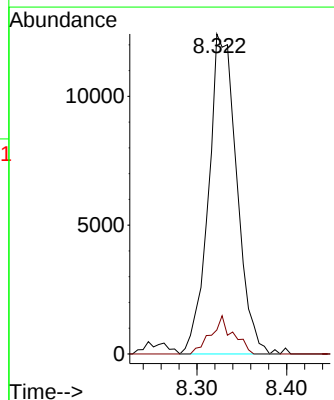
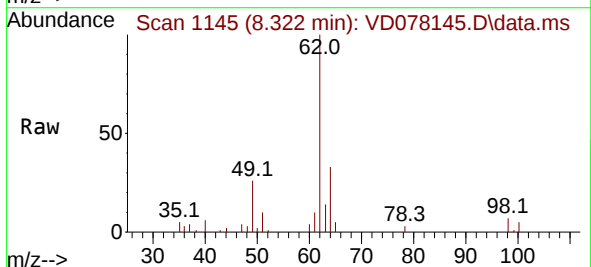
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

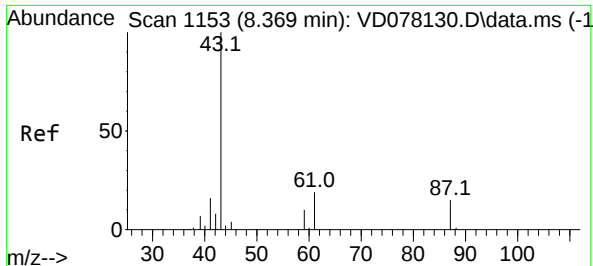
Tgt Ion: 41 Resp: 7654
Ion Ratio Lower Upper
41 100
39 50.9 34.0 51.0
67 74.7 77.0 115.4#
52 32.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 20.395 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 62 Resp: 27173
Ion Ratio Lower Upper
62 100
98 9.4 0.0 25.4





#43

Isopropyl Acetate

Concen: 20.219 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

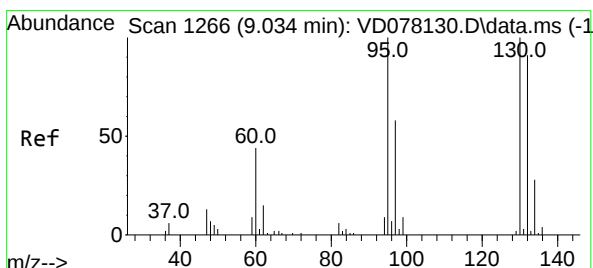
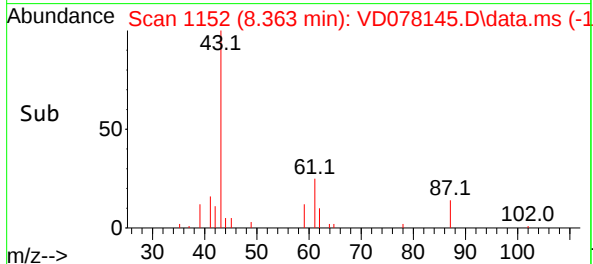
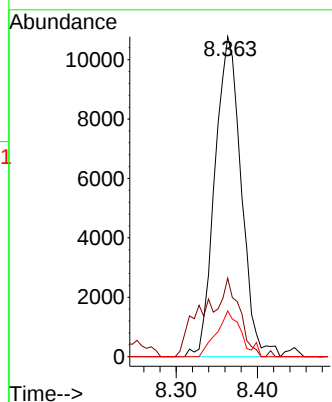
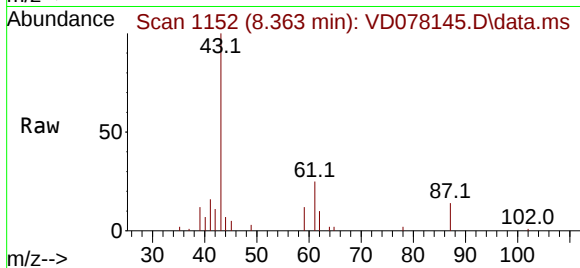
Tgt Ion: 43 Resp: 24331

Ion Ratio Lower Upper

43 100

61 18.3 31.4 47.0#

87 13.3 14.9 22.3#



#44

Trichloroethene

Concen: 19.443 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.006 min

Lab File: VD078145.D

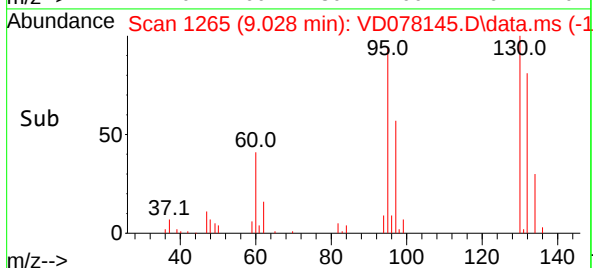
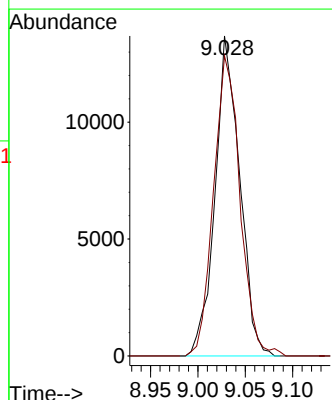
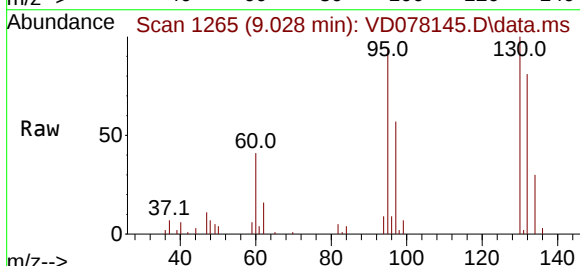
Acq: 11 Jan 2024 11:06

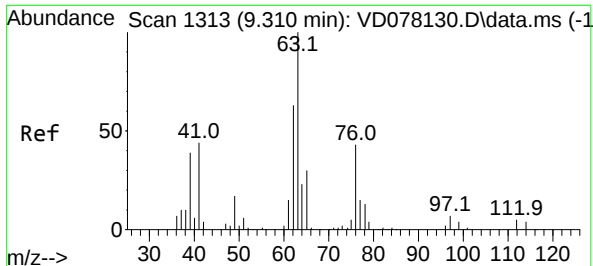
Tgt Ion:130 Resp: 24889

Ion Ratio Lower Upper

130 100

95 93.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.010 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

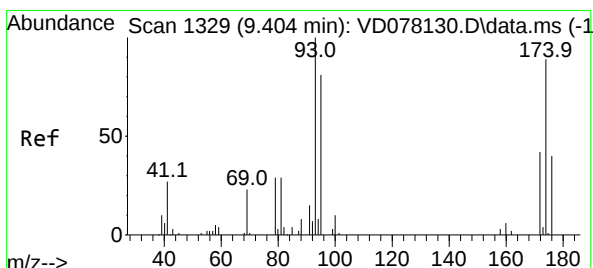
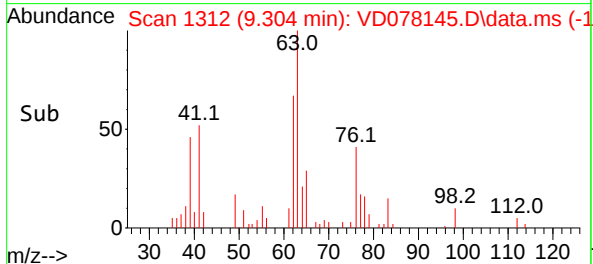
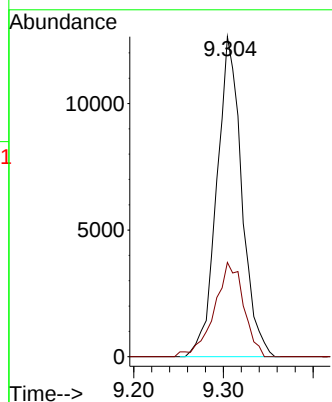
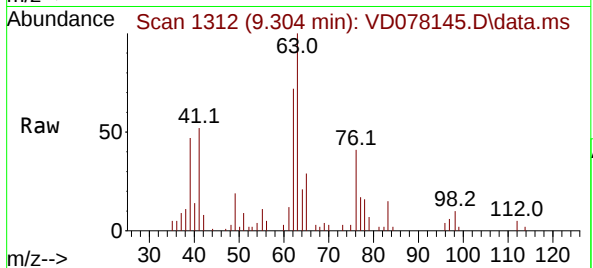
VD0111SBS01

Tgt Ion: 63 Resp: 24432

Ion Ratio Lower Upper

63 100

65 29.4 24.5 36.7



#46

Dibromomethane

Concen: 19.785 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

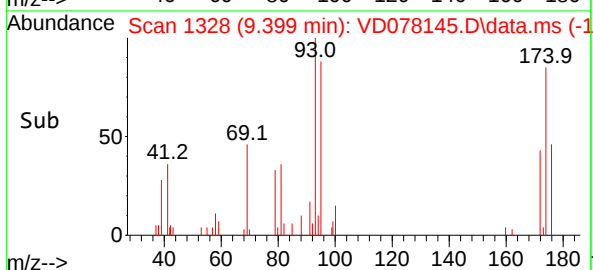
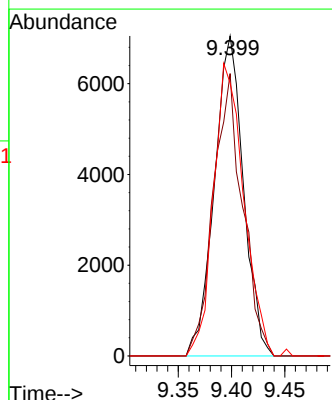
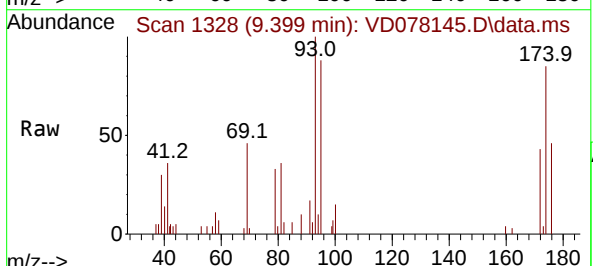
Tgt Ion: 93 Resp: 13365

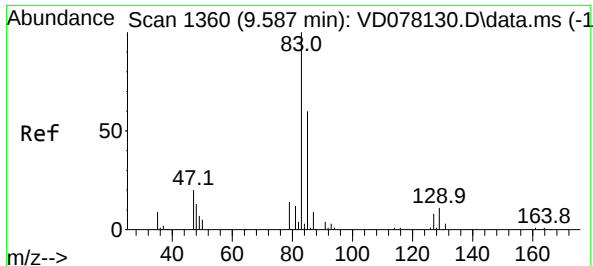
Ion Ratio Lower Upper

93 100

95 88.7 67.7 101.5

174 95.3 85.4 128.2

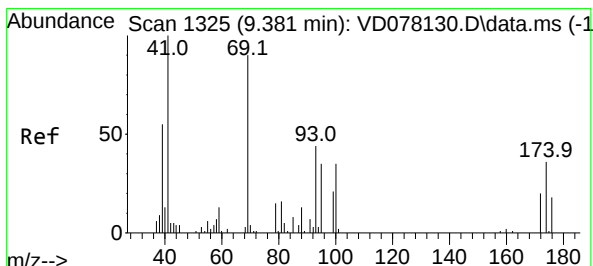
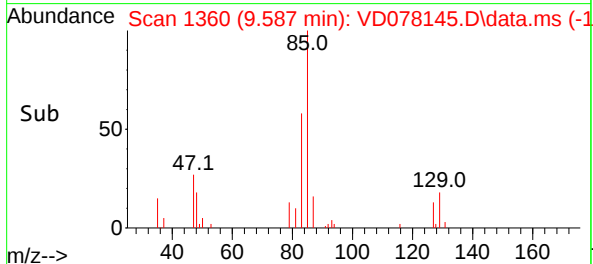
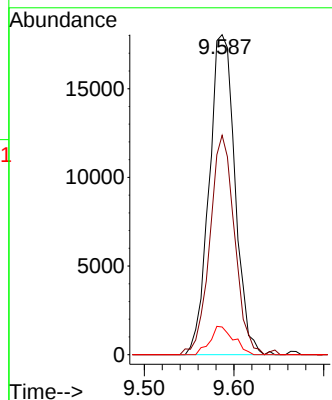
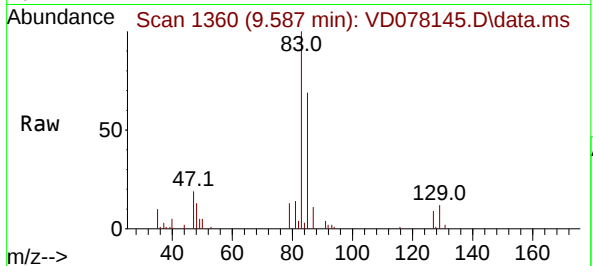




#47
Bromodichloromethane
Concen: 20.069 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

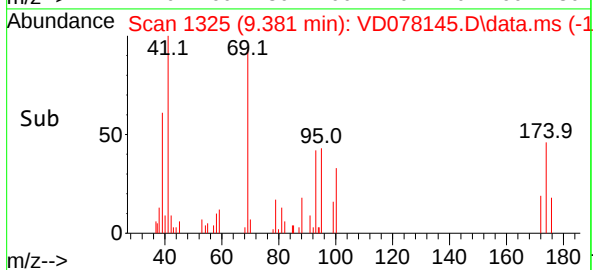
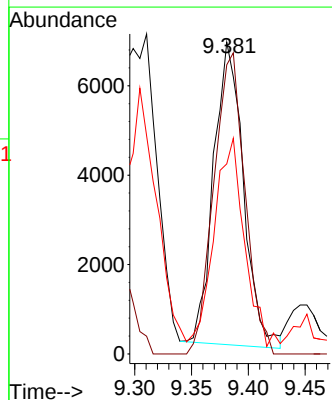
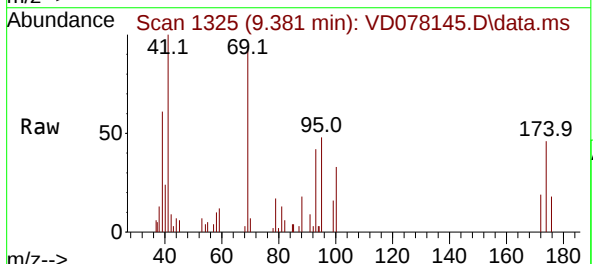
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

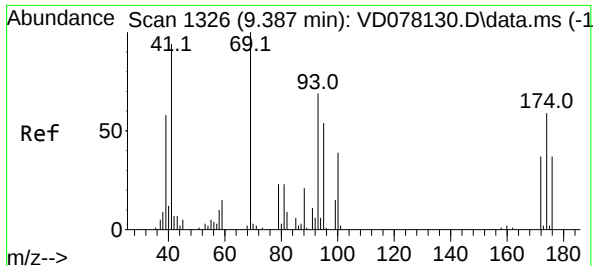
Tgt Ion: 83	Resp:	36041
Ion Ratio	Lower	Upper
83	100	
85	68.6	50.2 75.4
127	8.7	6.3 9.5



#48
Methyl methacrylate
Concen: 18.510 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 41	Resp:	12310
Ion Ratio	Lower	Upper
41	100	
69	104.1	102.2 153.2
39	76.7	41.4 62.2





#49

1,4-Dioxane

Concen: 375.445 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

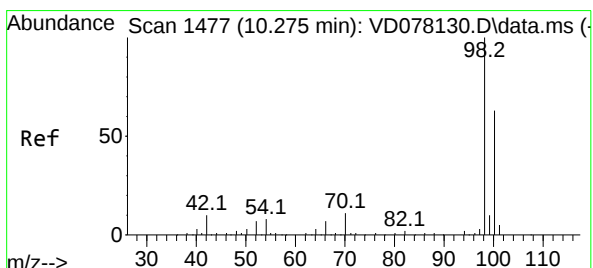
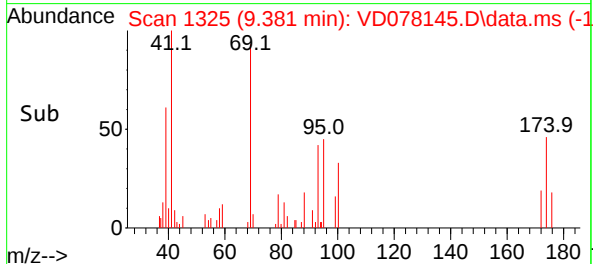
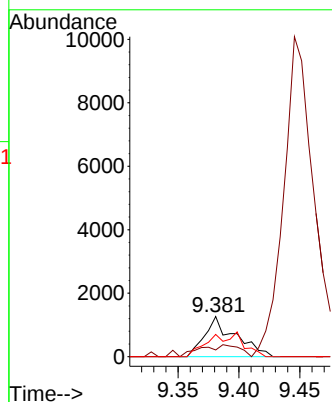
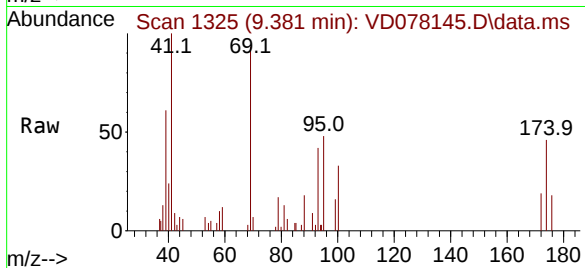
Tgt Ion: 88 Resp: 2217

Ion Ratio Lower Upper

88 100

43 37.7 19.0 28.6#

58 67.4 43.5 65.3#



#50

Toluene-d8

Concen: 51.095 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.000 min

Lab File: VD078145.D

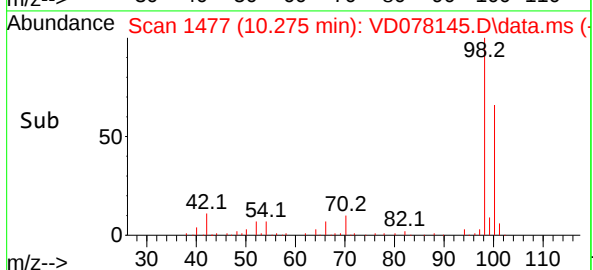
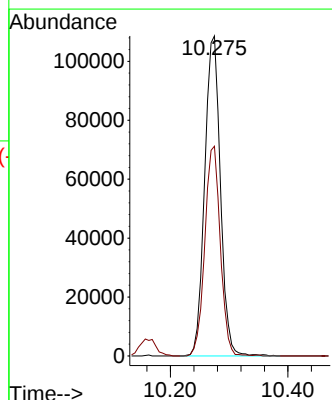
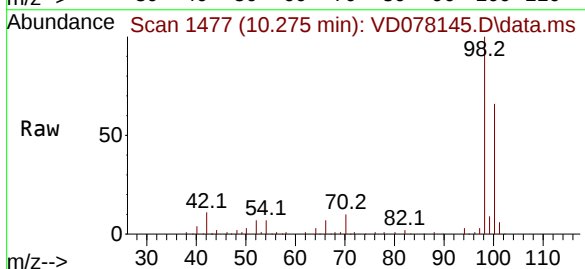
Acq: 11 Jan 2024 11:06

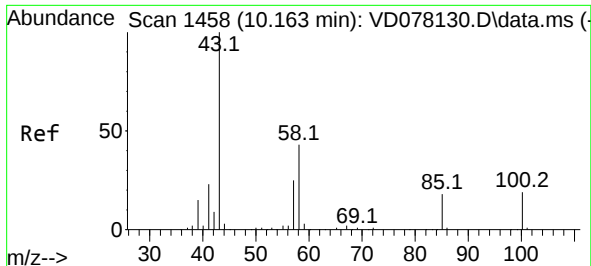
Tgt Ion: 98 Resp: 201291

Ion Ratio Lower Upper

98 100

100 64.6 50.3 75.5

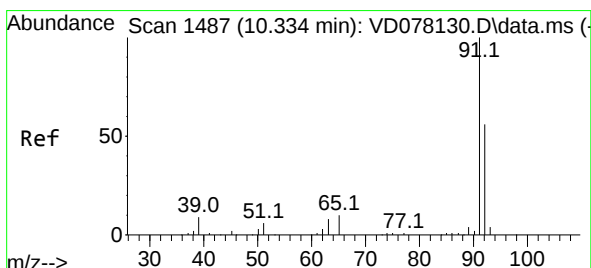
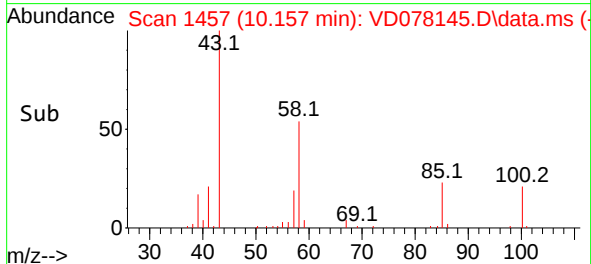
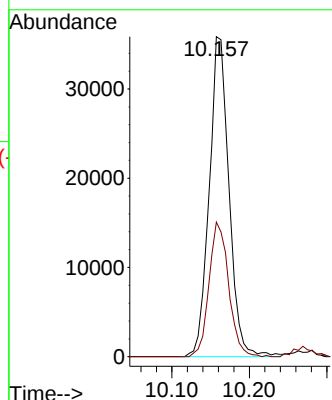
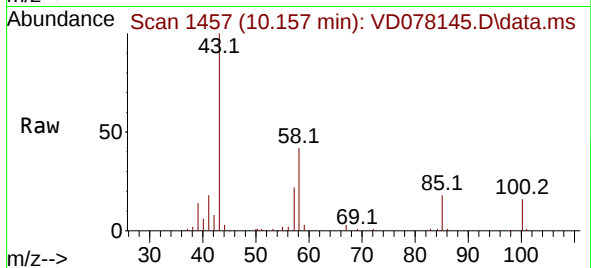




#51
4-Methyl-2-Pentanone
Concen: 102.198 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

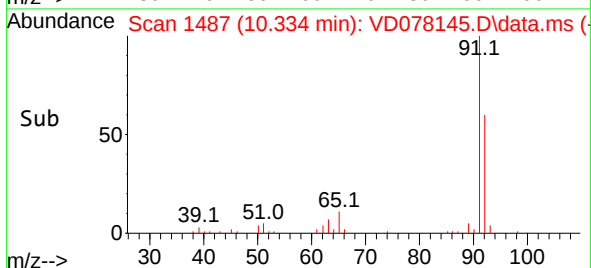
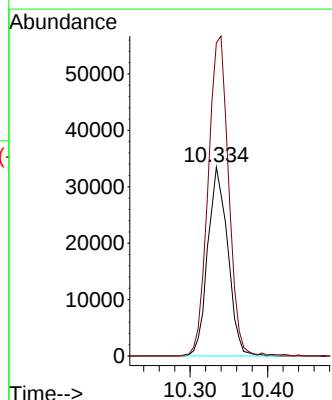
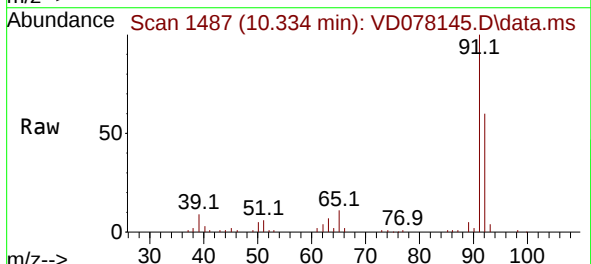
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

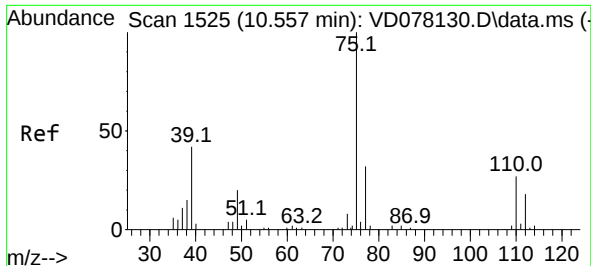
Tgt Ion: 43 Resp: 63718
Ion Ratio Lower Upper
43 100
58 41.7 38.9 58.3



#52
Toluene
Concen: 20.080 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 92 Resp: 60039
Ion Ratio Lower Upper
92 100
91 172.6 143.0 214.4

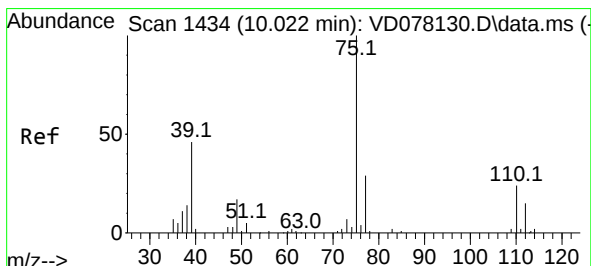
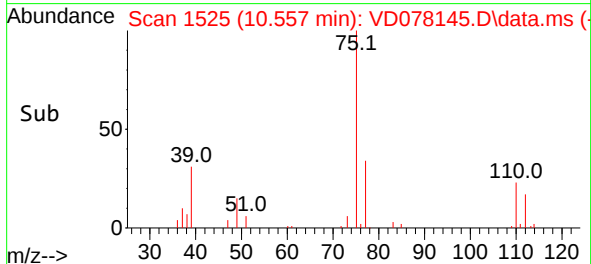
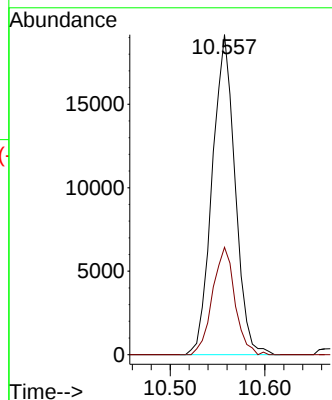
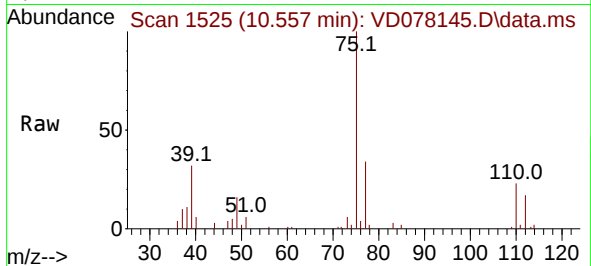




#53
t-1,3-Dichloropropene
Concen: 20.173 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

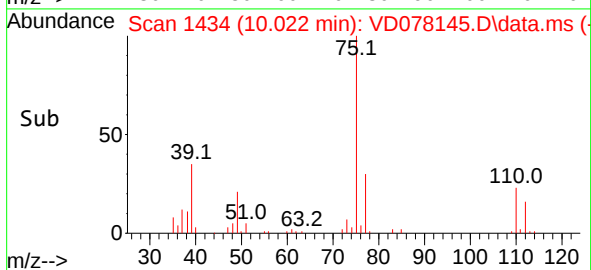
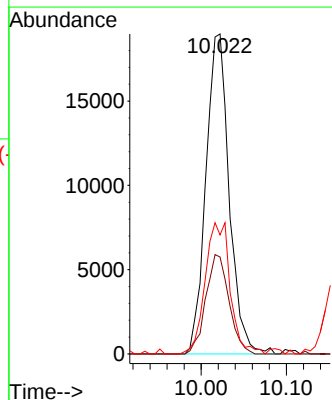
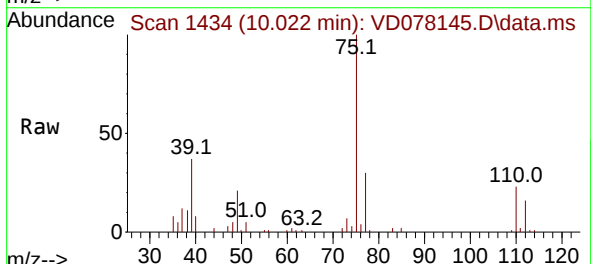
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

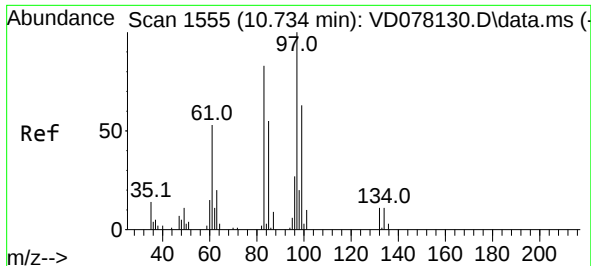
Tgt Ion: 75 Resp: 32154
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 19.847 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 75 Resp: 36094
Ion Ratio Lower Upper
75 100
77 30.3 25.5 38.3
39 37.2 22.1 33.1#

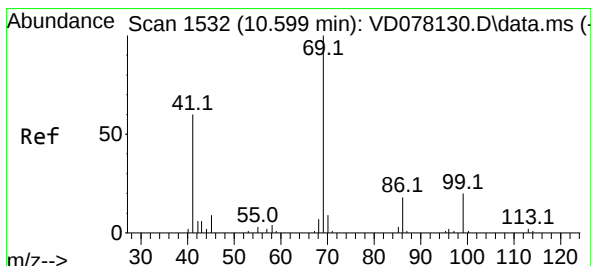
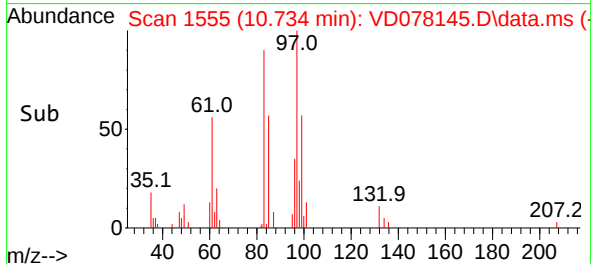
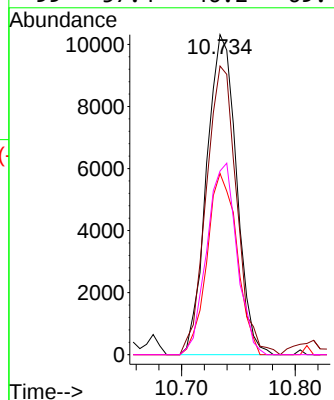
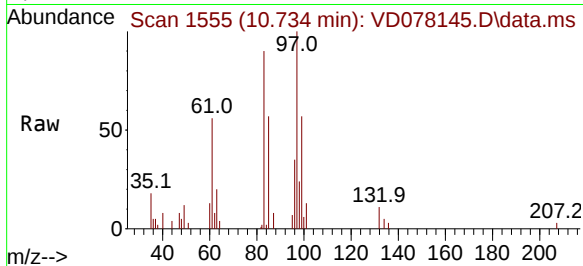




#55
1,1,2-Trichloroethane
Concen: 19.903 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

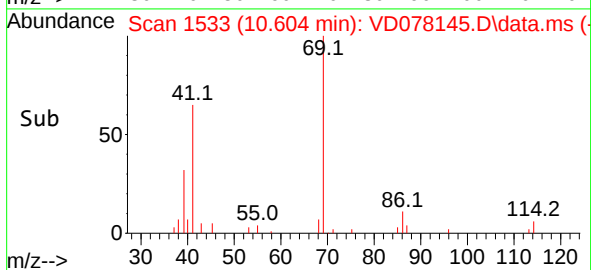
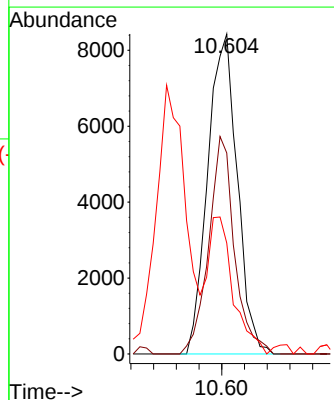
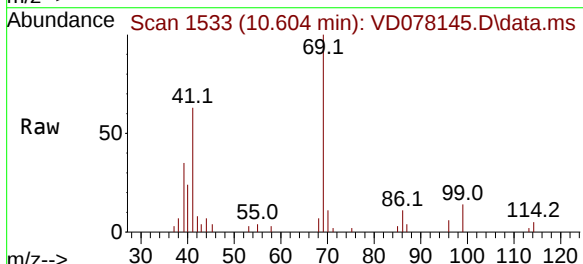
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

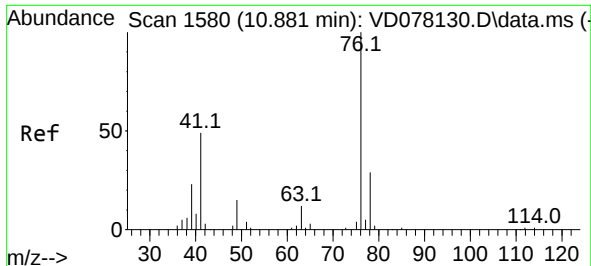
Tgt Ion:	97	Resp:	18857
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.8	98.6
85	56.6	45.7	68.5
99	57.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 20.570 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:	69	Resp:	15188
Ion	Ratio	Lower	Upper
69	100		
41	59.7	39.1	58.7#
39	37.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.577 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

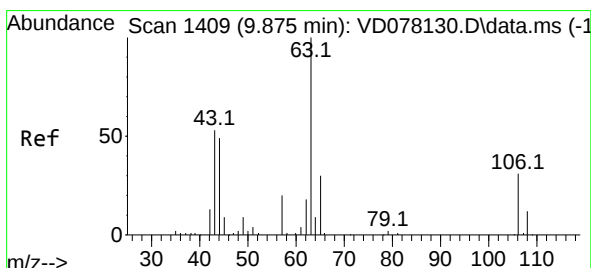
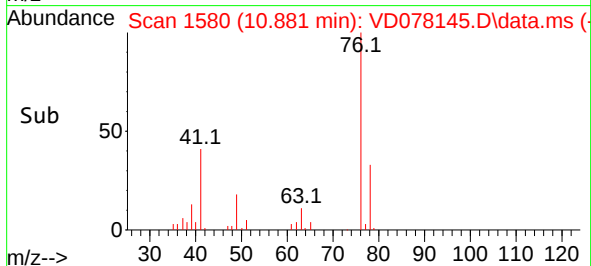
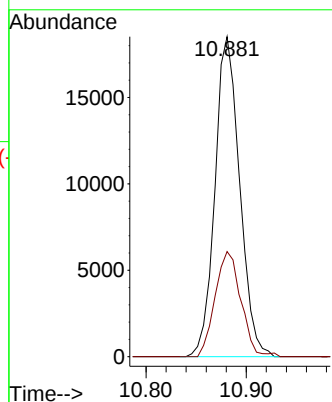
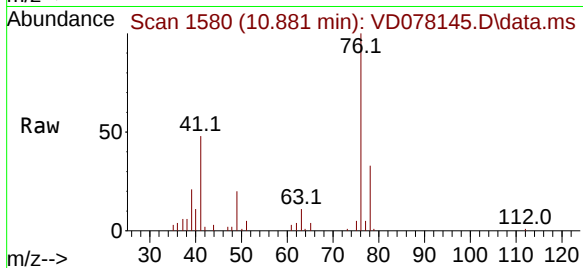
VD0111SBS01

Tgt Ion: 76 Resp: 31643

Ion Ratio Lower Upper

76 100

78 34.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 92.663 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.000 min

Lab File: VD078145.D

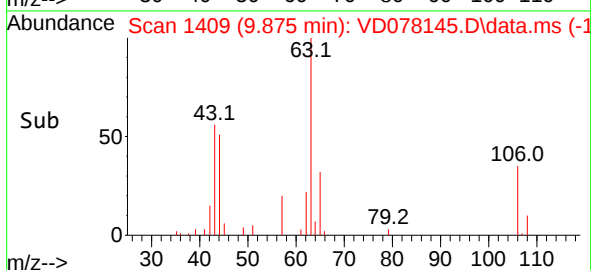
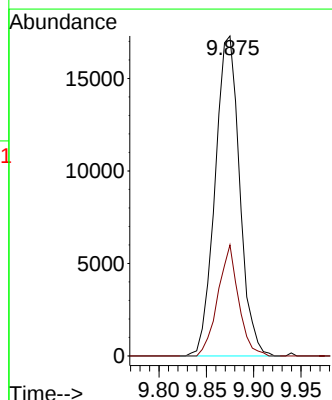
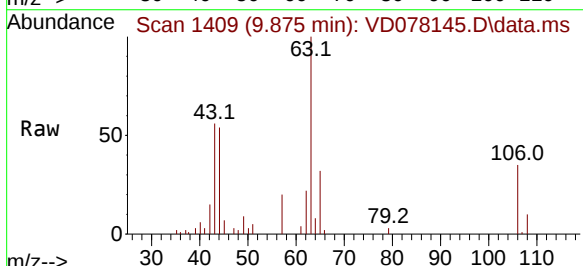
Acq: 11 Jan 2024 11:06

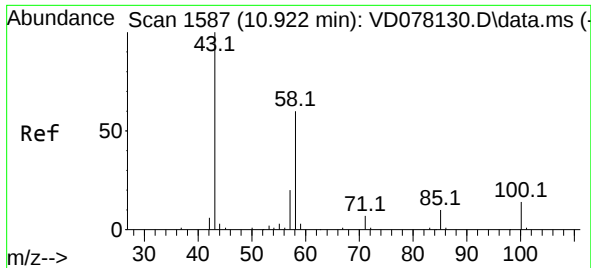
Tgt Ion: 63 Resp: 31241

Ion Ratio Lower Upper

63 100

106 29.3 25.3 37.9

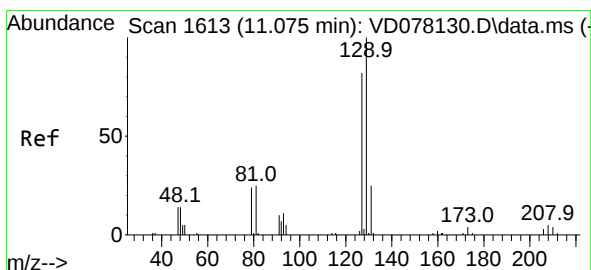
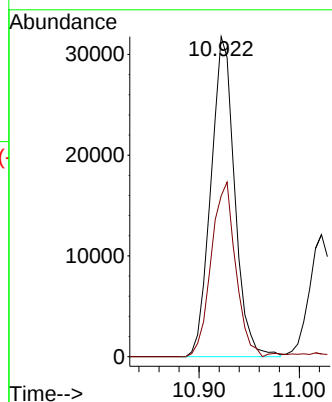
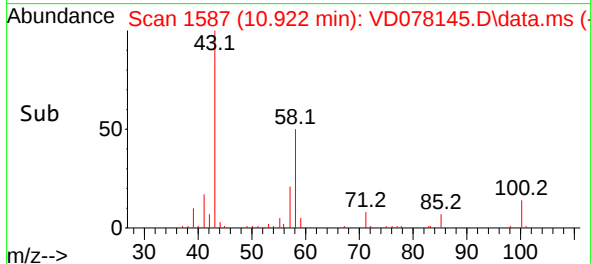
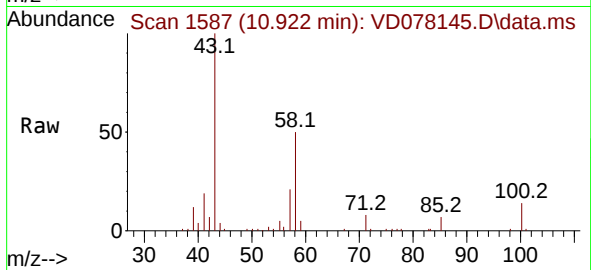




#59
2-Hexanone
Concen: 111.495 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

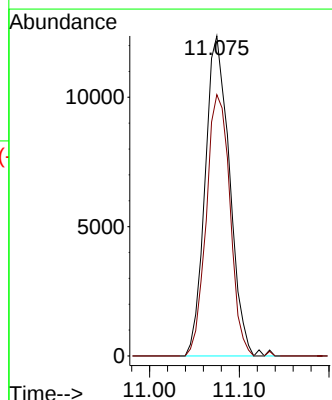
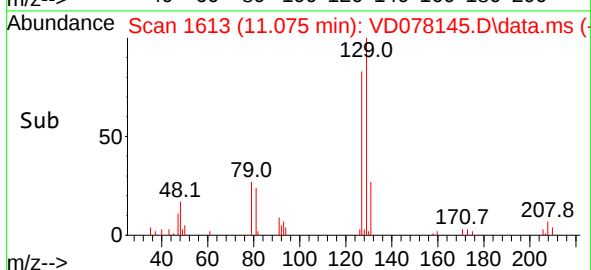
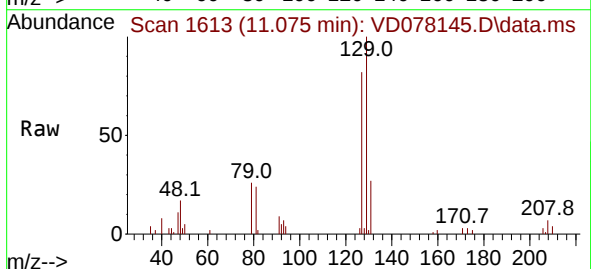
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

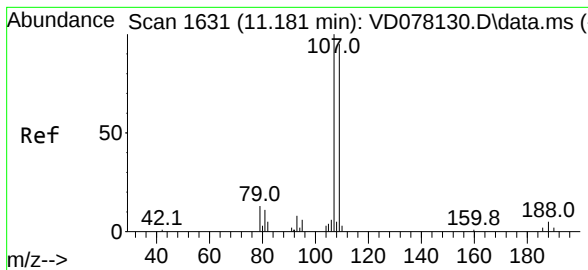
Tgt Ion: 43 Resp: 52265
Ion Ratio Lower Upper
43 100
58 56.1 34.1 102.2



#60
Dibromochloromethane
Concen: 19.571 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 129 Resp: 23429
Ion Ratio Lower Upper
129 100
127 78.9 37.1 111.5

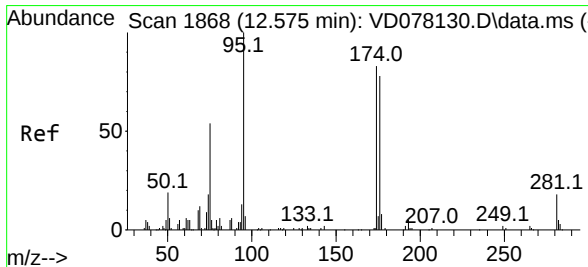
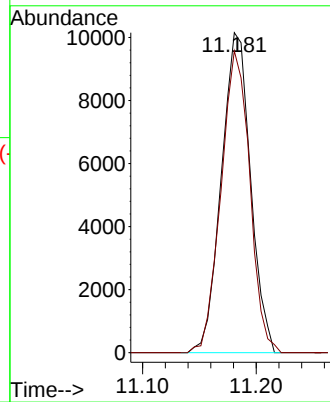
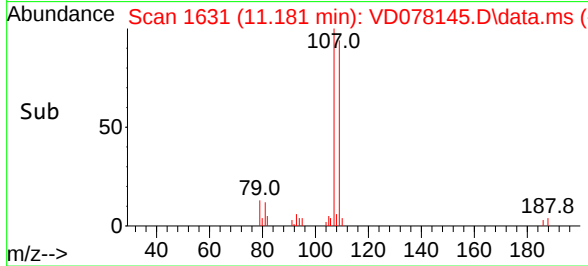
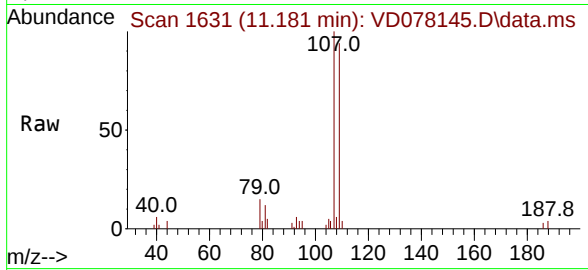




#61
1,2-Dibromoethane
Concen: 20.761 ug/l
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

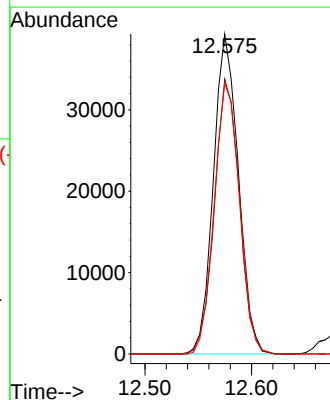
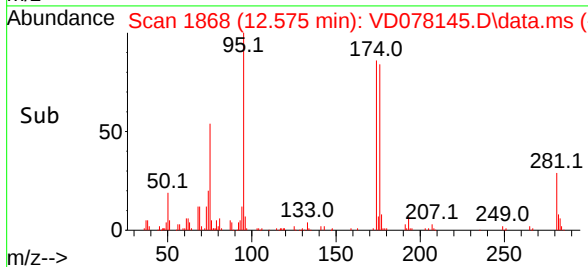
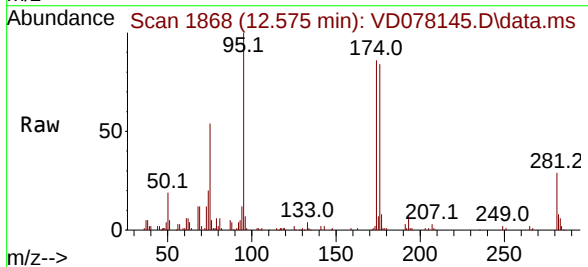
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

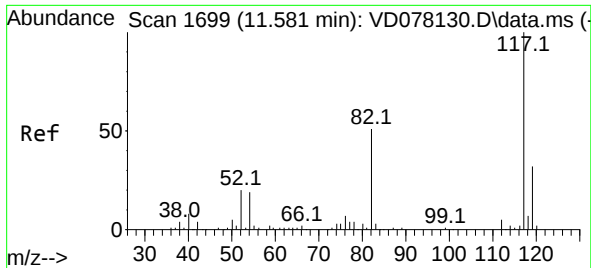
Tgt Ion:107 Resp: 18109
Ion Ratio Lower Upper
107 100
109 92.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 46.170 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 95 Resp: 63316
Ion Ratio Lower Upper
95 100
174 87.7 0.0 201.8
176 86.4 0.0 191.8

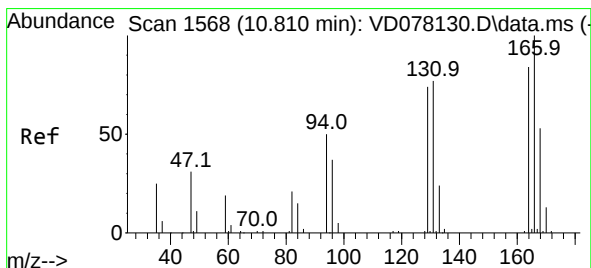
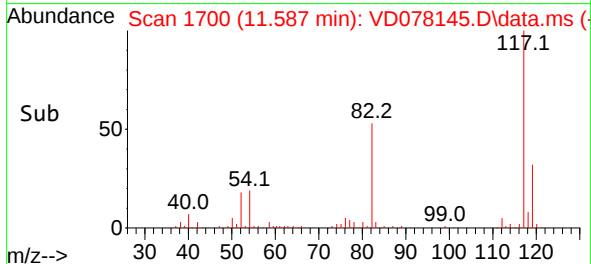
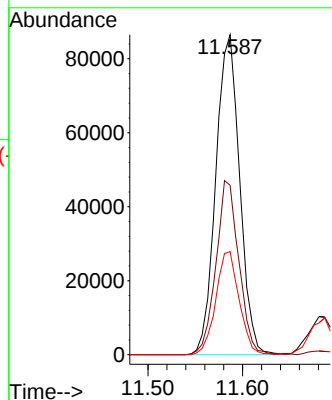
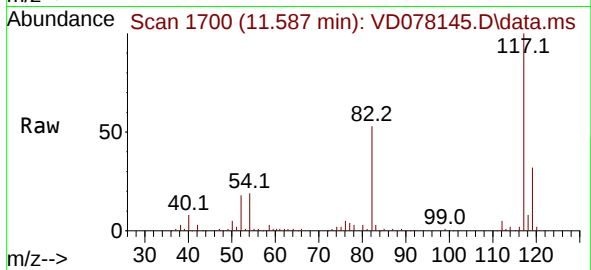




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

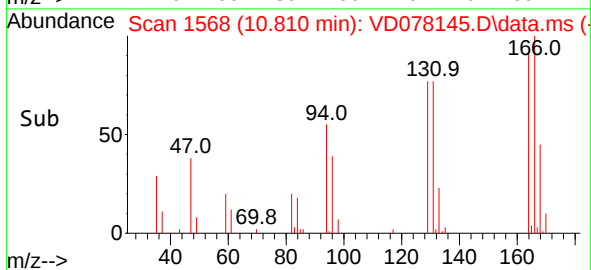
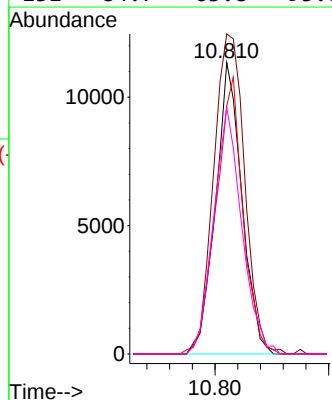
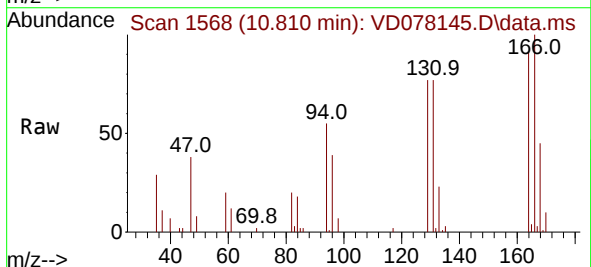
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

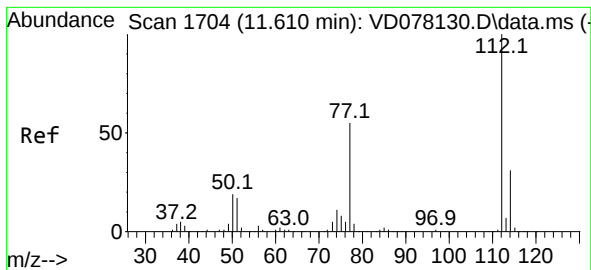
Tgt Ion:117 Resp: 151457
Ion Ratio Lower Upper
117 100
82 53.0 38.3 57.5
119 32.2 25.0 37.4



#64
Tetrachloroethene
Concen: 17.832 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:164 Resp: 18286
Ion Ratio Lower Upper
164 100
166 109.9 99.2 148.8
129 85.1 68.4 102.6
131 84.7 63.8 95.8

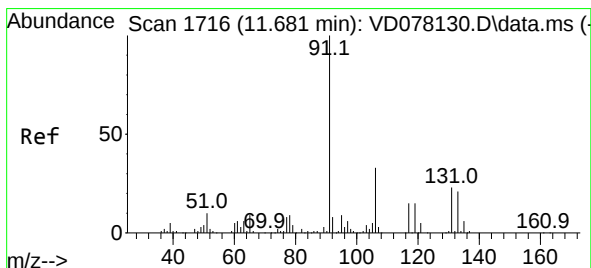
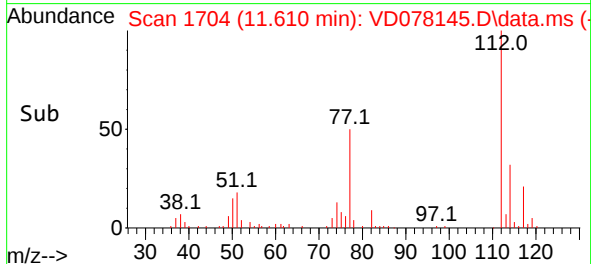
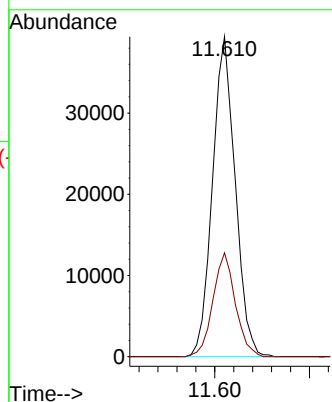
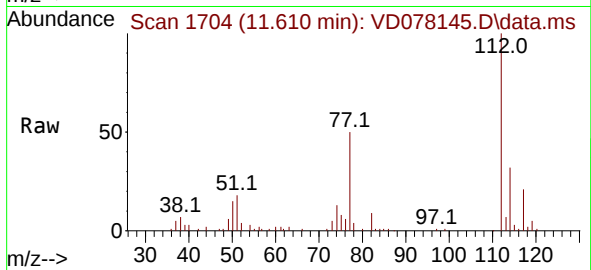




#65
Chlorobenzene
Concen: 18.841 ug/l
RT: 11.610 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

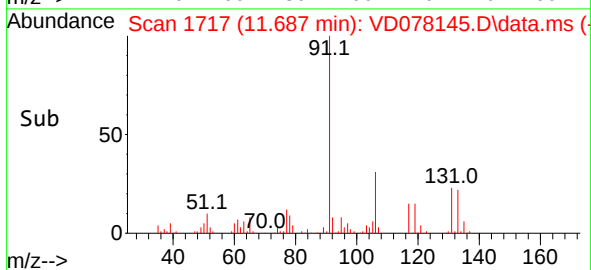
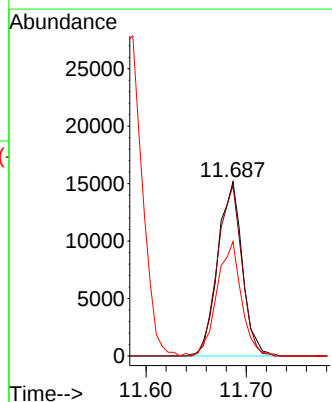
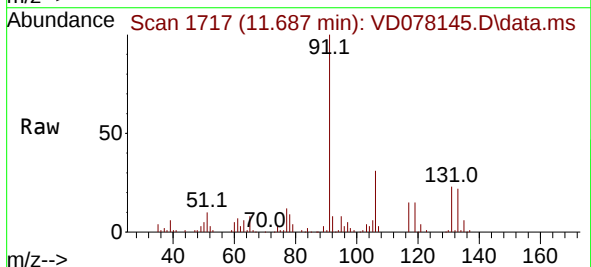
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

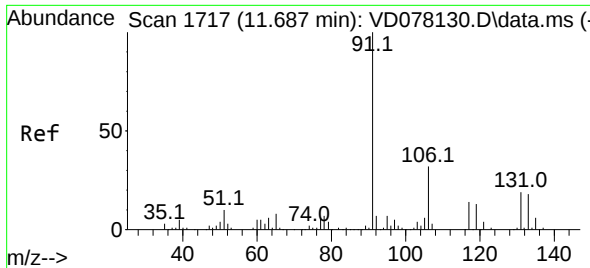
Tgt Ion:112 Resp: 65656
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.054 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:131 Resp: 25792
Ion Ratio Lower Upper
131 100
133 97.0 48.5 145.5
119 64.9 35.6 106.9

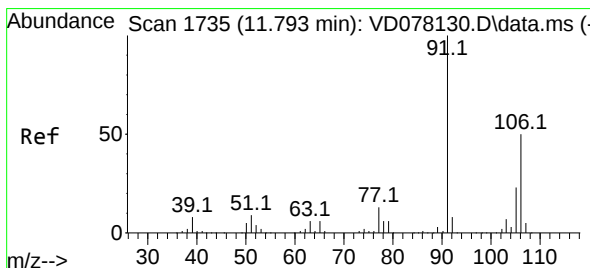
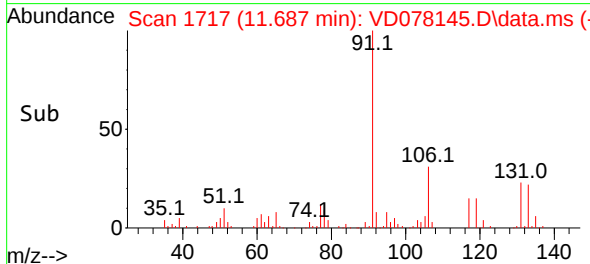
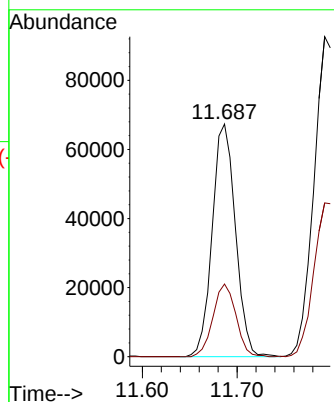
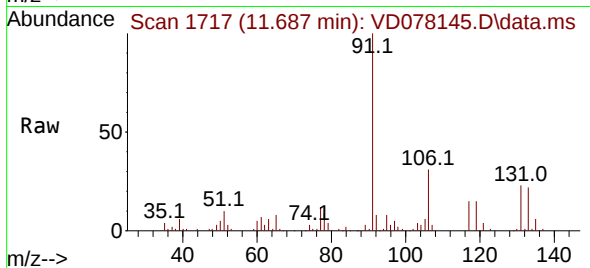




#67
Ethyl Benzene
Concen: 18.760 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

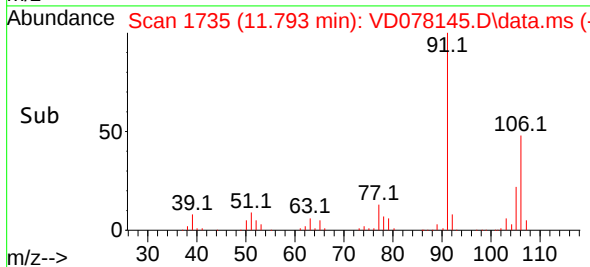
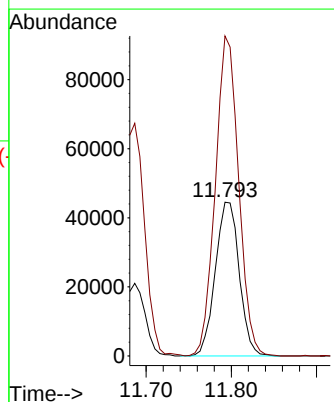
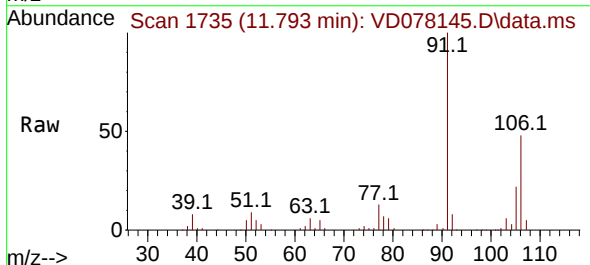
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

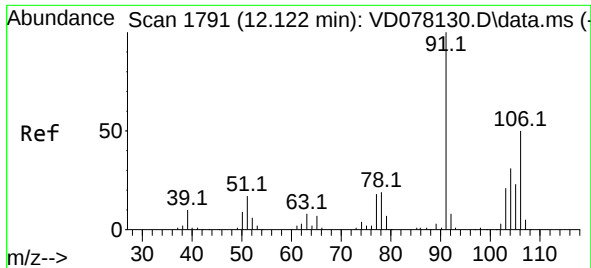
Tgt Ion: 91 Resp: 114803
Ion Ratio Lower Upper
91 100
106 31.3 26.5 39.7



#68
m/p-Xylenes
Concen: 36.810 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:106 Resp: 86831
Ion Ratio Lower Upper
106 100
91 202.8 147.0 220.6

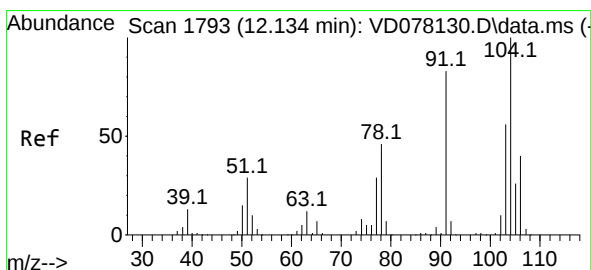
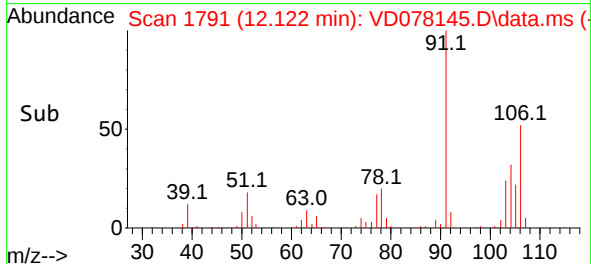
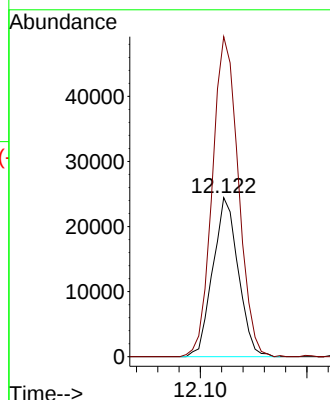
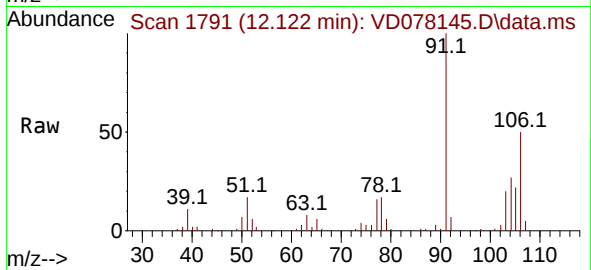




#69
o-Xylene
Concen: 18.527 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

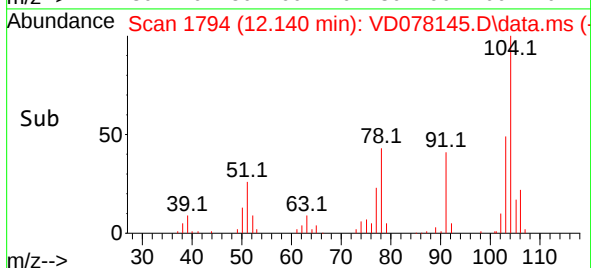
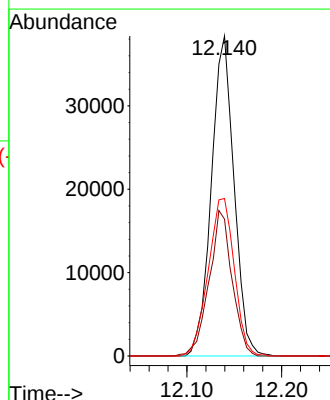
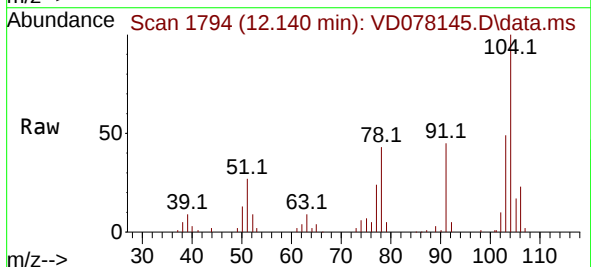
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

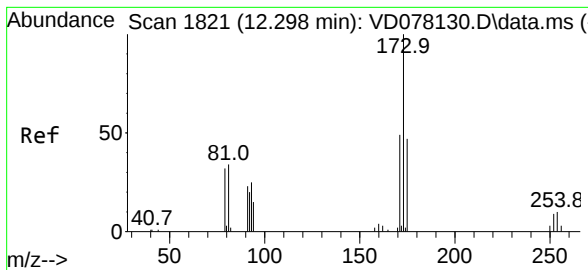
Tgt Ion:106 Resp: 40471
Ion Ratio Lower Upper
106 100
91 206.5 97.9 293.6



#70
Styrene
Concen: 19.253 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:104 Resp: 63933
Ion Ratio Lower Upper
104 100
78 46.0 33.2 49.8
103 56.5 43.6 65.4

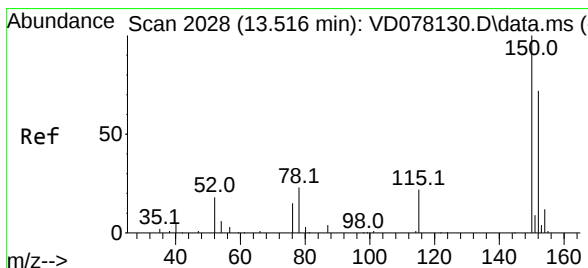
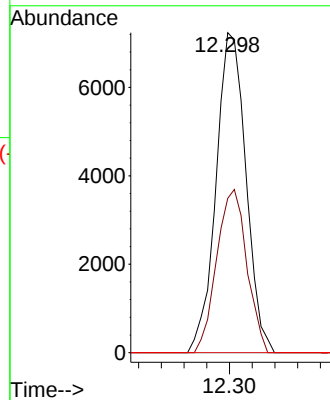
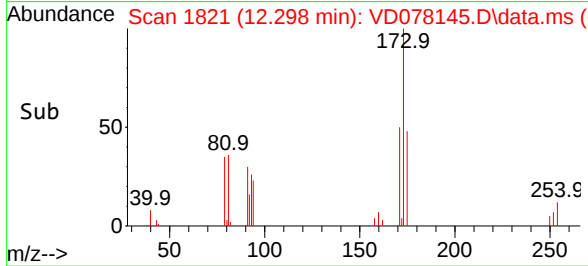
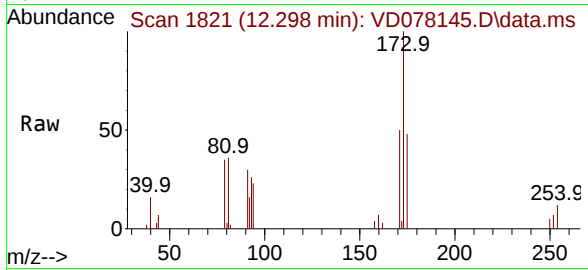




#71
Bromoform
Concen: 19.353 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

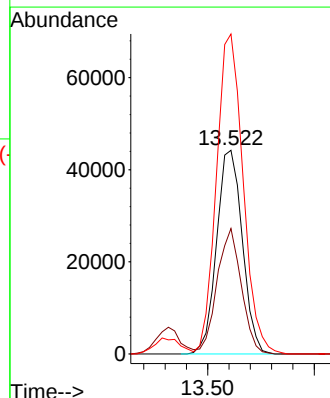
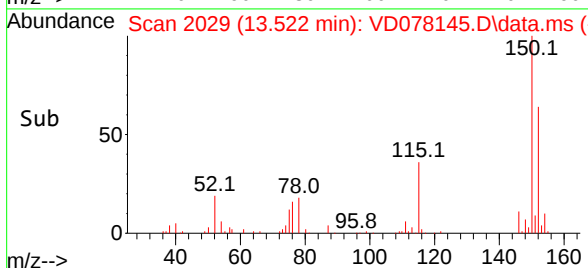
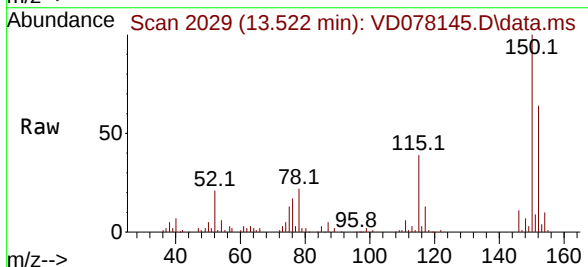
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

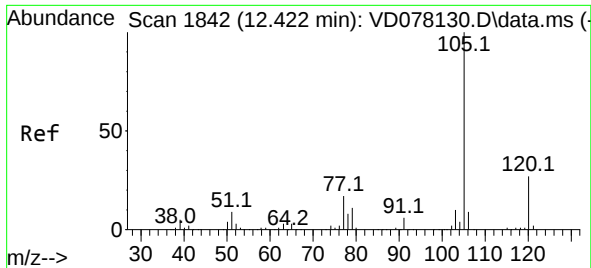
Tgt Ion:	173	Resp:	13241
Ion Ratio	Lower	Upper	
173	100		
175	51.2	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:	152	Resp:	74007
Ion Ratio	Lower	Upper	
152	100		
115	58.4	27.1	81.3
150	163.2	0.0	353.6

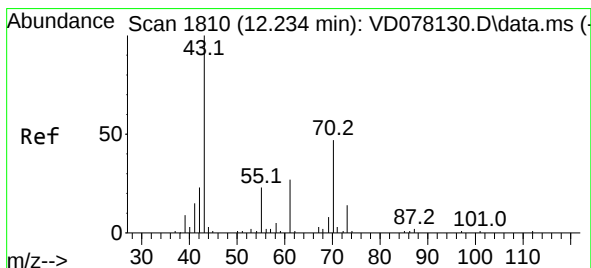
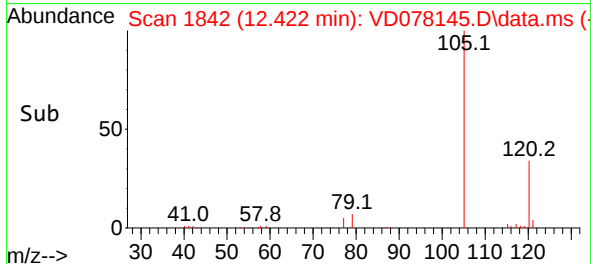
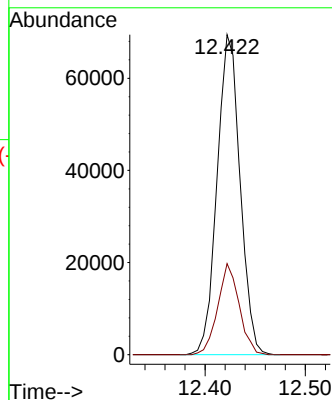
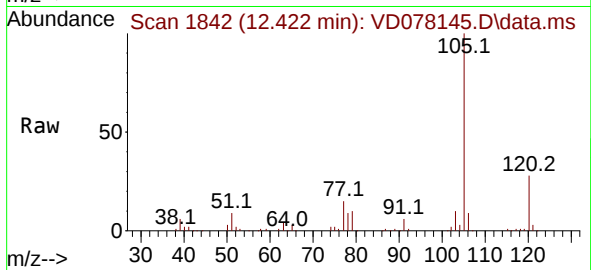




#73
Isopropylbenzene
Concen: 18.784 ug/l
RT: 12.422 min Scan# 110533
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

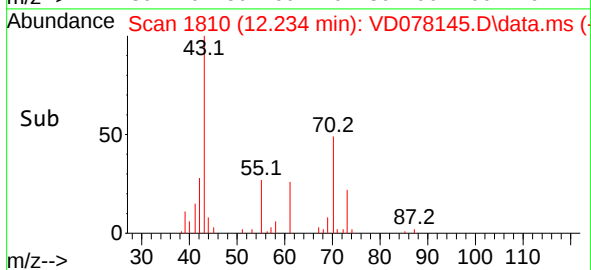
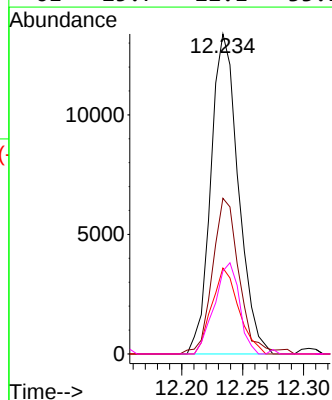
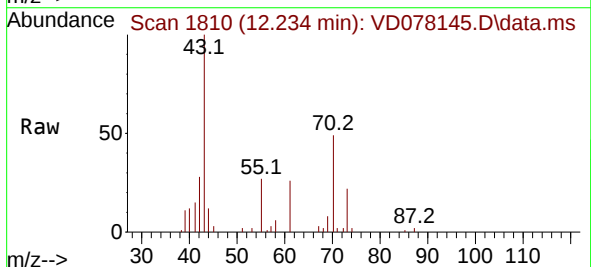
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

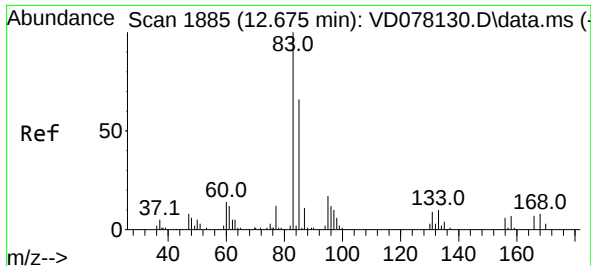
Tgt Ion:105 Resp: 110533
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9



#74
N-ethyl acetate
Concen: 19.565 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 43 Resp: 21056
Ion Ratio Lower Upper
43 100
70 47.0 45.0 67.4
55 26.2 23.8 35.6
61 25.7 22.1 33.1

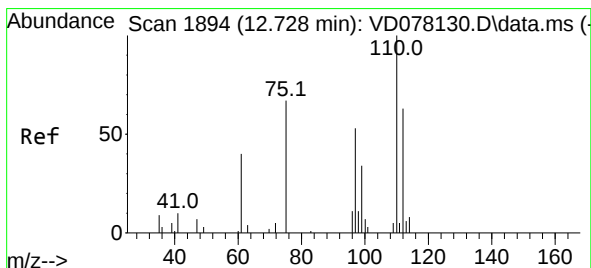
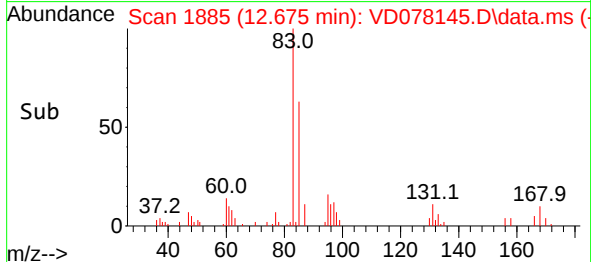
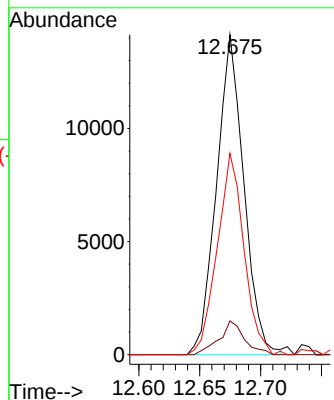
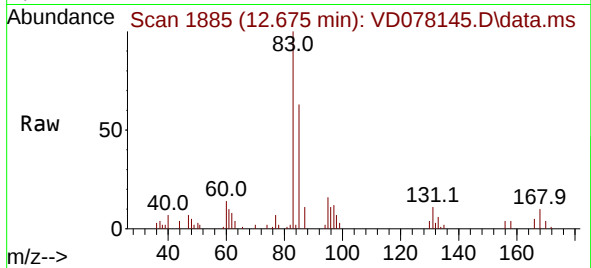




#75
1,1,2,2-Tetrachloroethane
Concen: 19.890 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

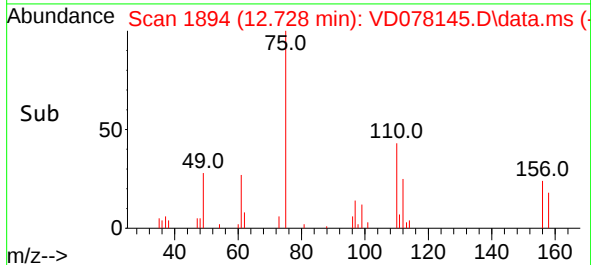
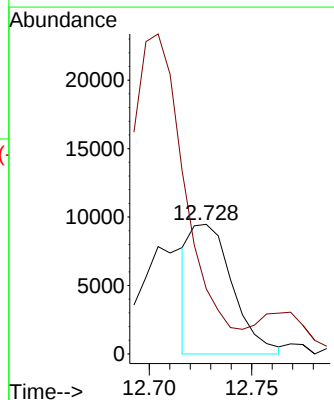
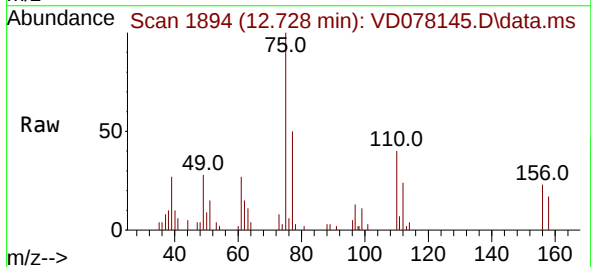
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

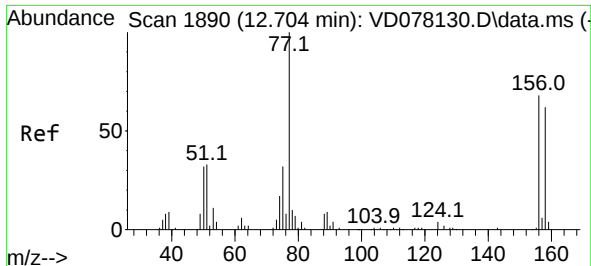
Tgt Ion: 83 Resp: 22024
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 61.7 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 18.631 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 75 Resp: 13575
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

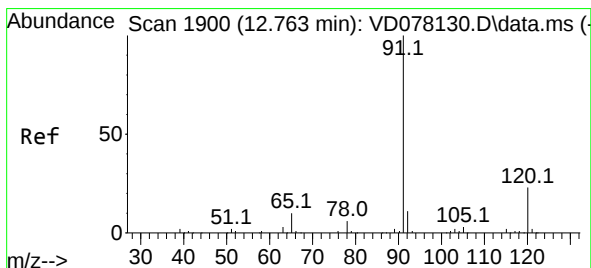
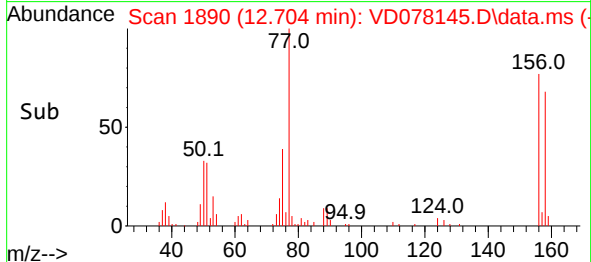
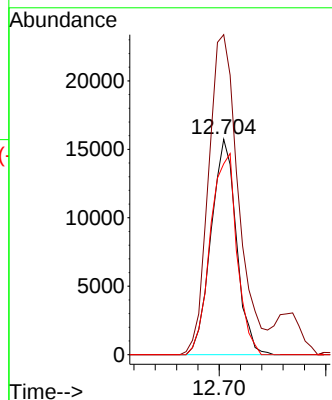
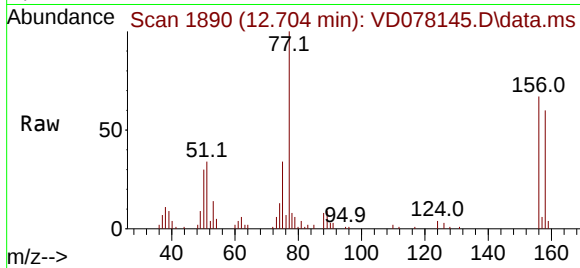




#77
Bromobenzene
Concen: 19.242 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

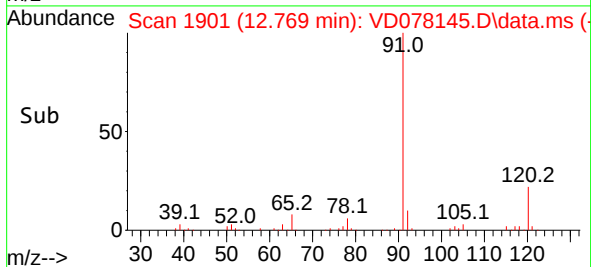
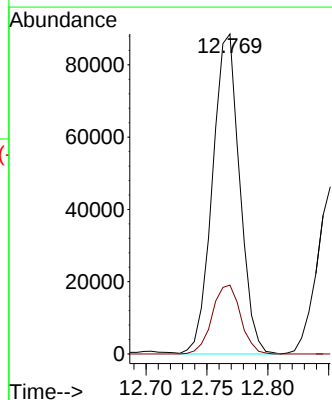
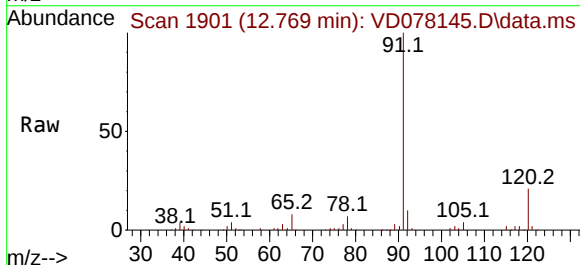
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

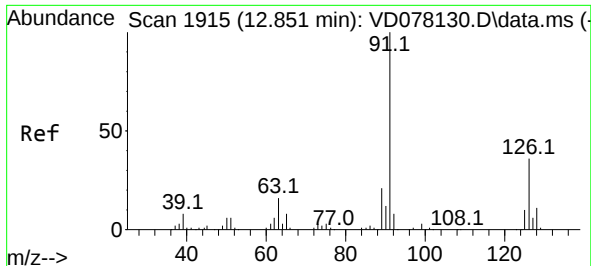
Tgt Ion:156 Resp: 26010
Ion Ratio Lower Upper
156 100
77 175.6 76.8 230.4
158 97.5 48.6 145.9



#78
n-propylbenzene
Concen: 19.308 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 91 Resp: 137721
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2

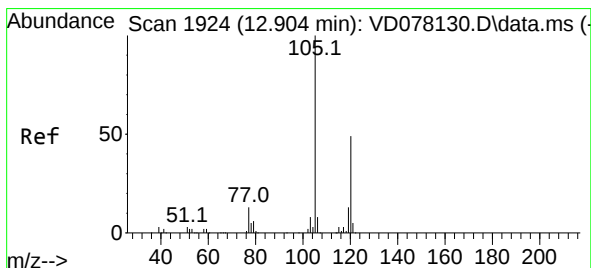
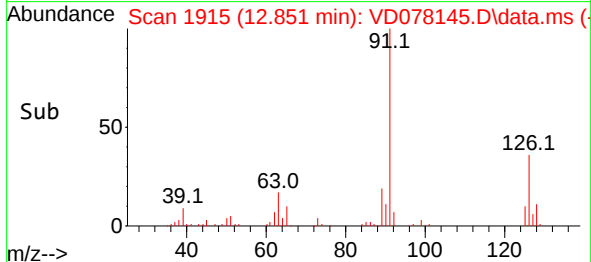
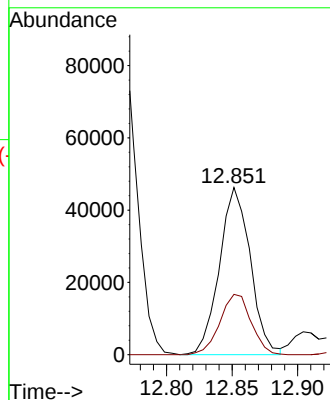
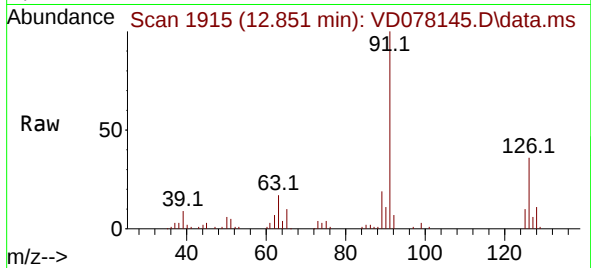




#79
2-Chlorotoluene
Concen: 20.030 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

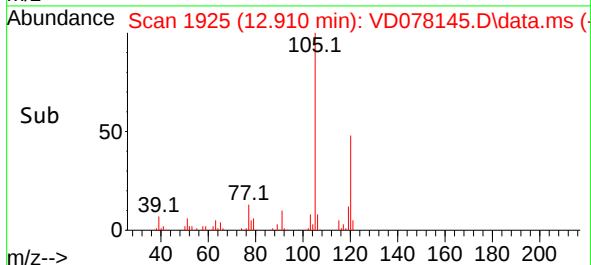
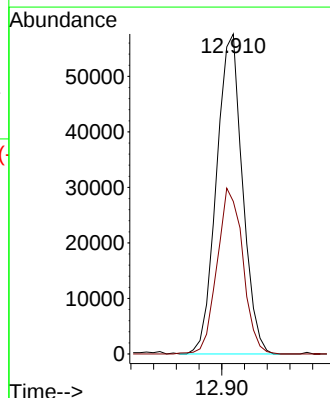
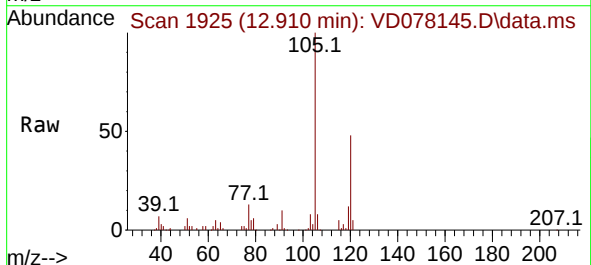
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

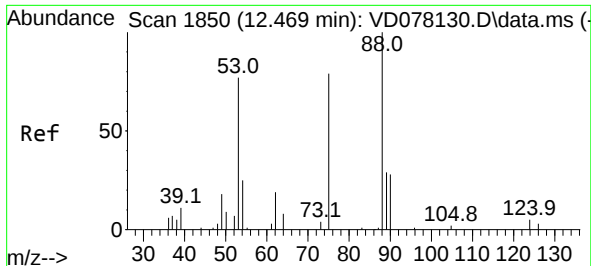
Tgt Ion: 91 Resp: 76015
Ion Ratio Lower Upper
91 100
126 36.4 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.759 ug/l
RT: 12.910 min Scan# 1925
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion: 105 Resp: 91615
Ion Ratio Lower Upper
105 100
120 51.4 26.4 79.2

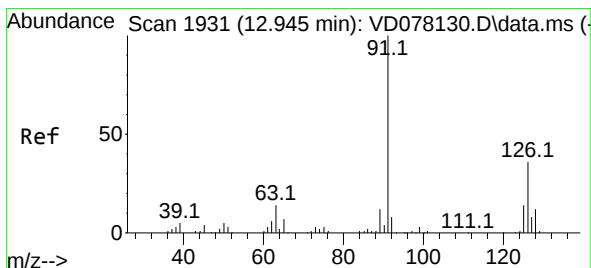
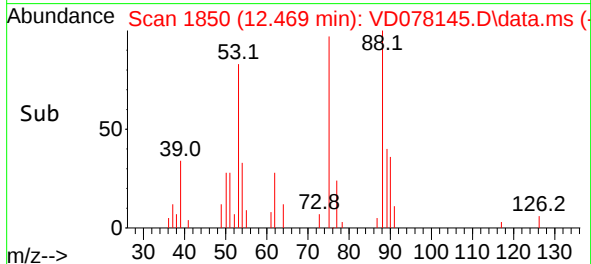
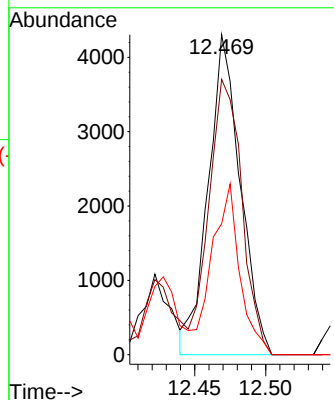
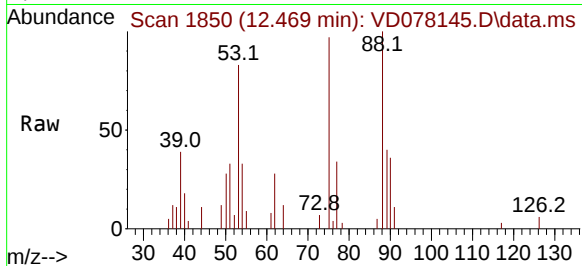




#81
trans-1,4-Dichloro-2-butene
Concen: 20.670 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

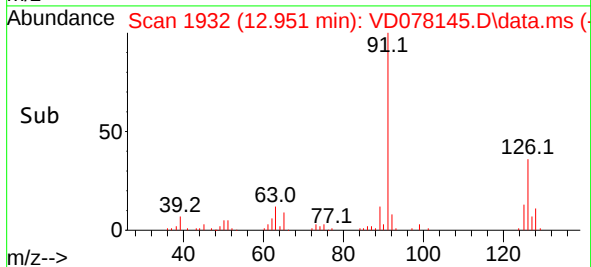
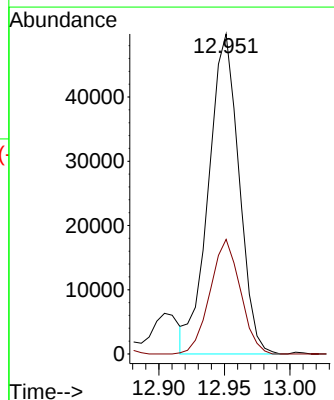
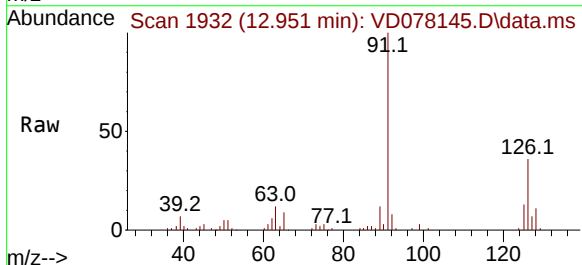
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

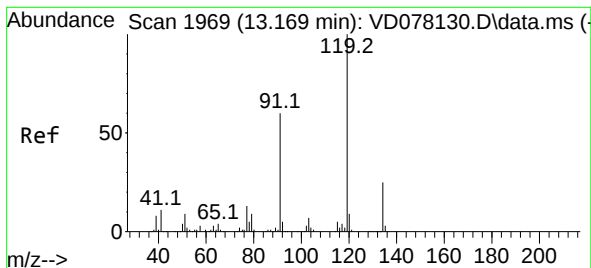
Tgt Ion:	75	Resp:	6758
Ion	Ratio	Lower	Upper
75	100		
53	88.0	63.0	94.4
89	46.7	37.9	56.9



#82
4-Chlorotoluene
Concen: 19.715 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:	91	Resp:	80475
Ion	Ratio	Lower	Upper
91	100		
126	35.6	19.4	58.4





#83

tert-Butylbenzene

Concen: 18.031 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

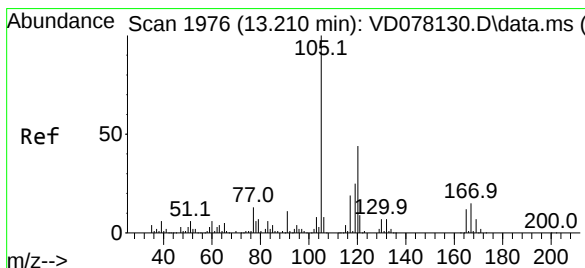
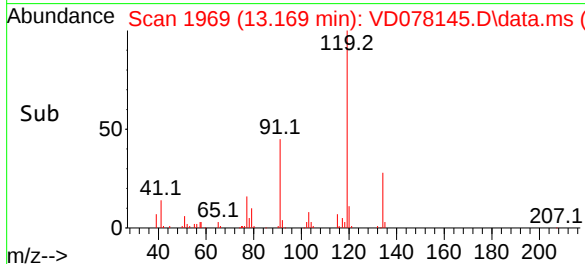
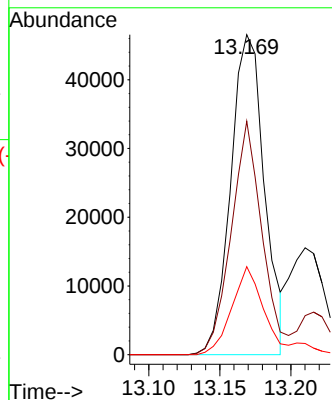
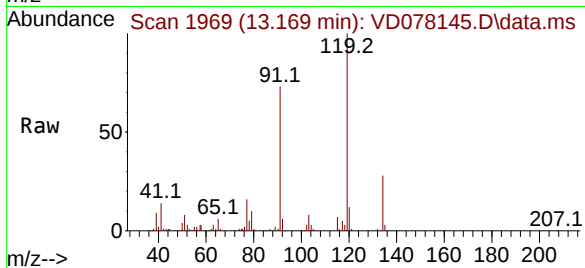
Tgt Ion:119 Resp: 77095

Ion Ratio Lower Upper

119 100

91 66.9 29.3 87.8

134 25.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 18.904 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078145.D

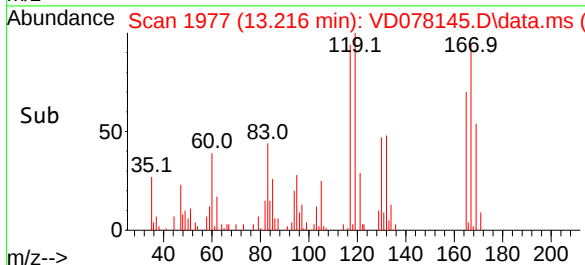
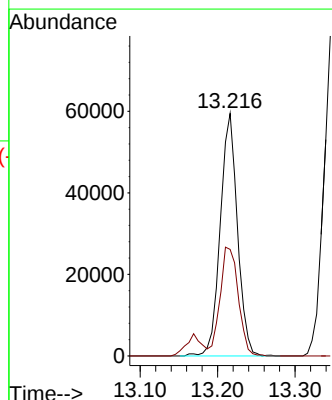
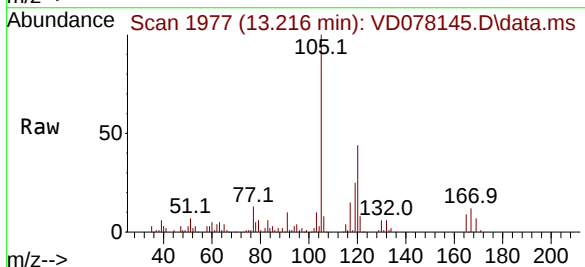
Acq: 11 Jan 2024 11:06

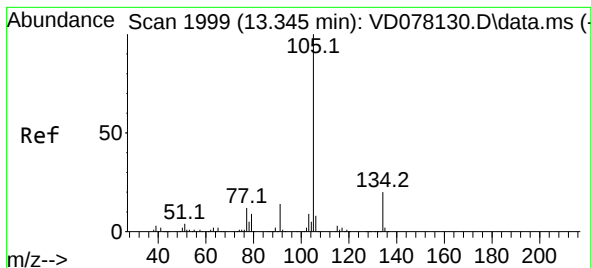
Tgt Ion:105 Resp: 91654

Ion Ratio Lower Upper

105 100

120 47.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 19.318 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

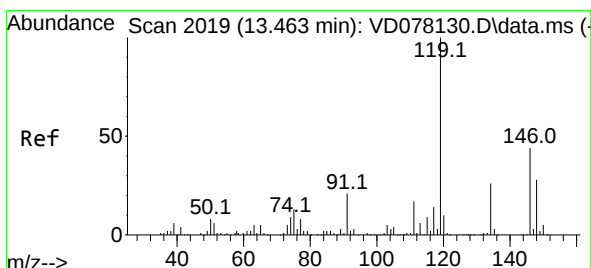
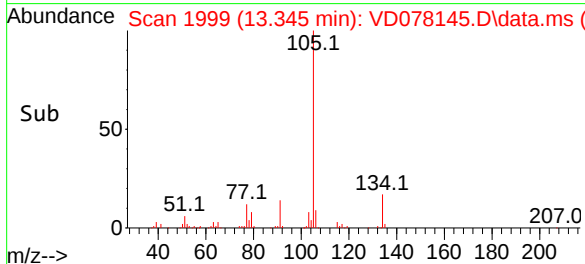
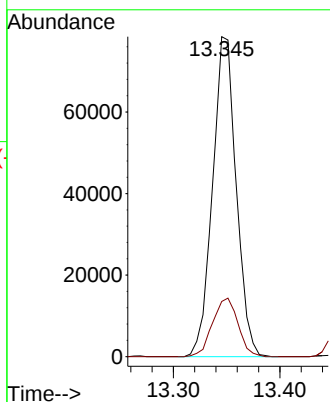
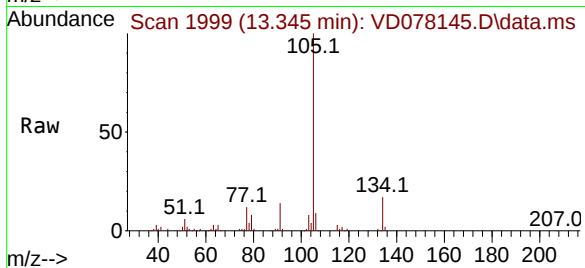
VD0111SBS01

Tgt Ion:105 Resp: 121018

Ion Ratio Lower Upper

105 100

134 19.7 10.9 32.9



#86

p-Isopropyltoluene

Concen: 18.269 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

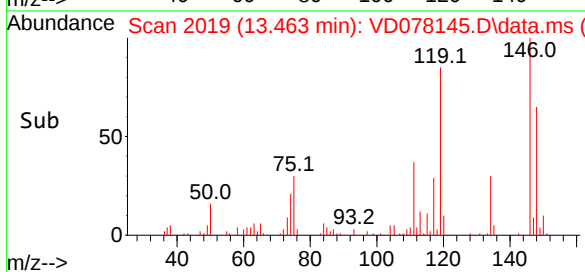
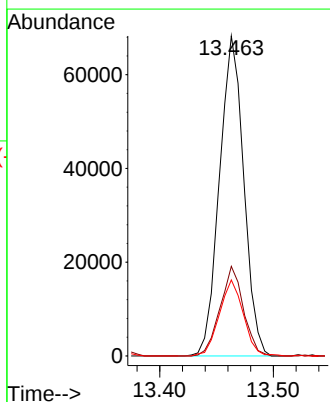
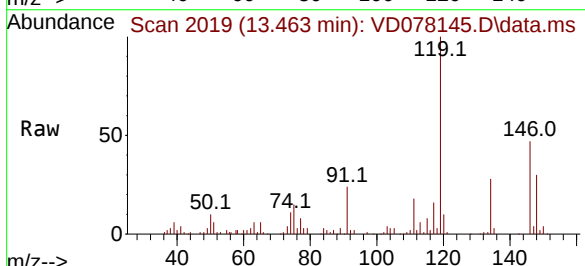
Tgt Ion:119 Resp: 101333

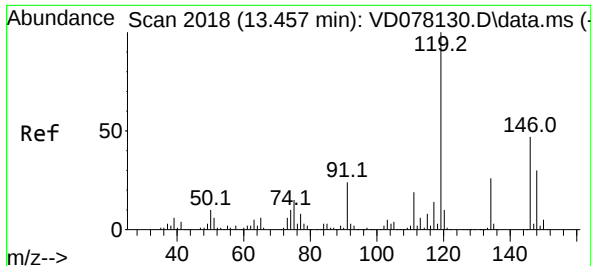
Ion Ratio Lower Upper

119 100

134 26.9 14.2 42.6

91 23.5 10.5 31.5

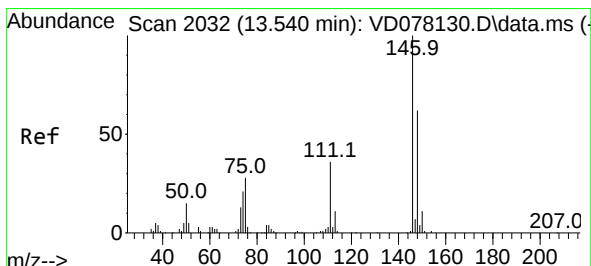
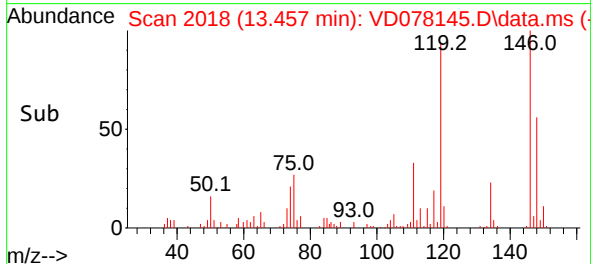
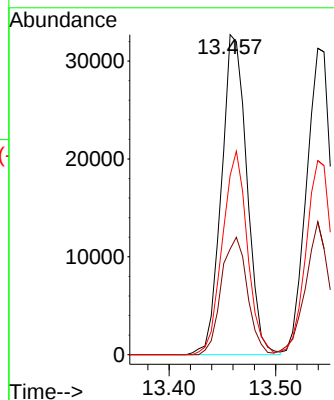
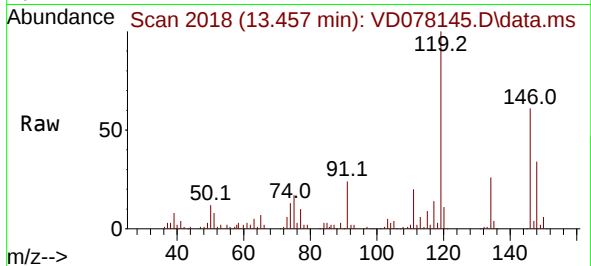




#87
1,3-Dichlorobenzene
Concen: 19.304 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

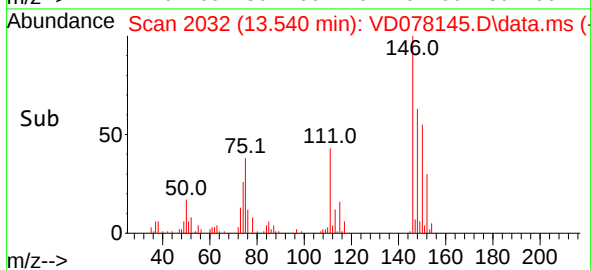
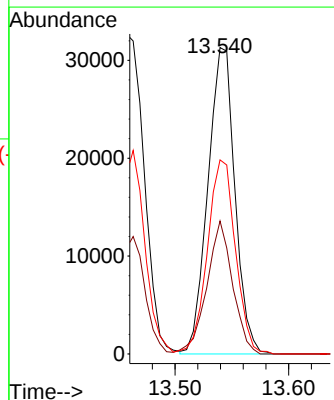
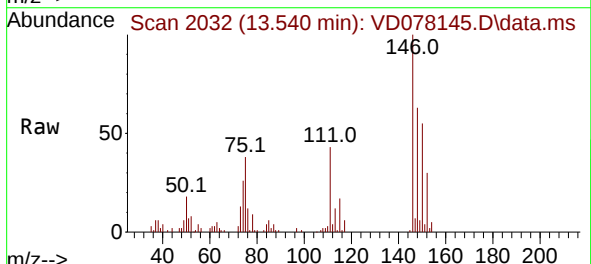
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

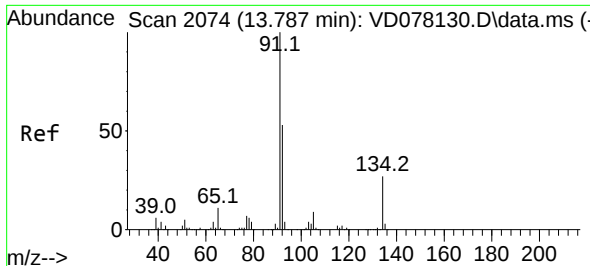
Tgt Ion:146 Resp: 54142
Ion Ratio Lower Upper
146 100
111 37.7 17.9 53.8
148 62.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 18.694 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion:146 Resp: 51788
Ion Ratio Lower Upper
146 100
111 41.4 17.4 52.3
148 65.8 31.7 95.1

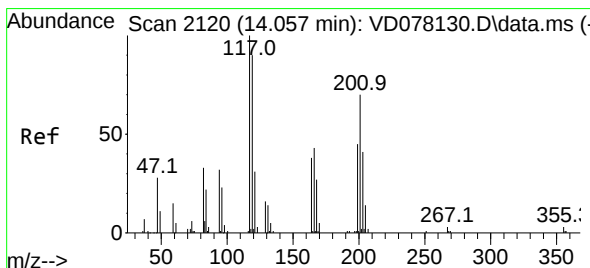
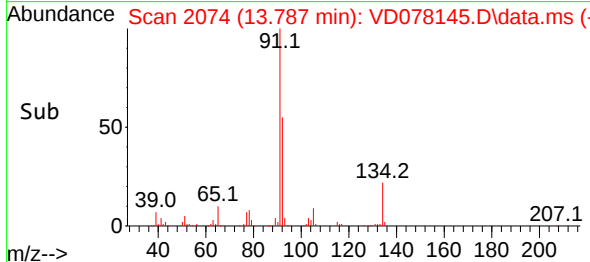
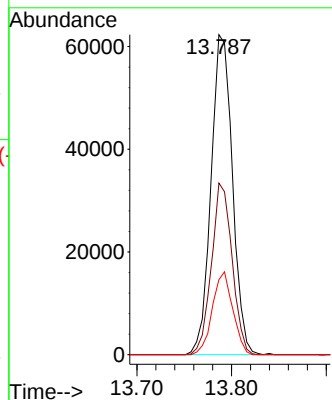
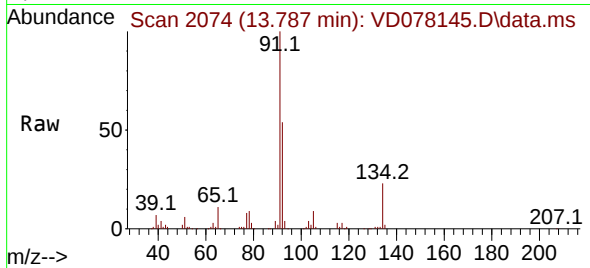




#89
n-Butylbenzene
Concen: 18.539 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

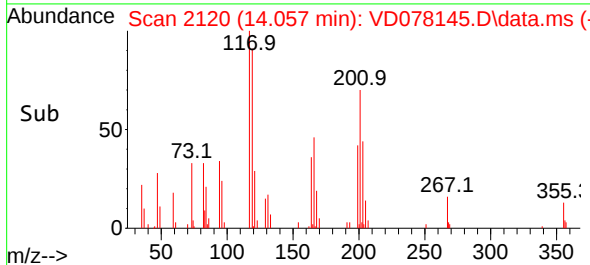
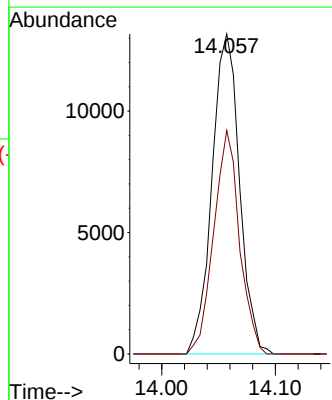
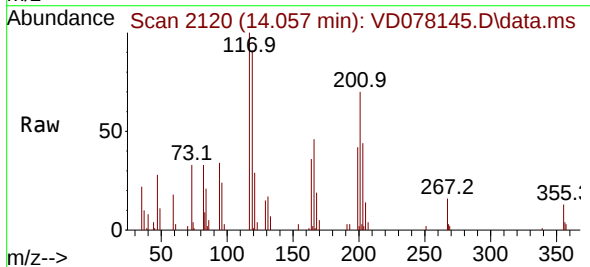
Instrument :
MSVOA_D
ClientSampleId :
VD0111SBS01

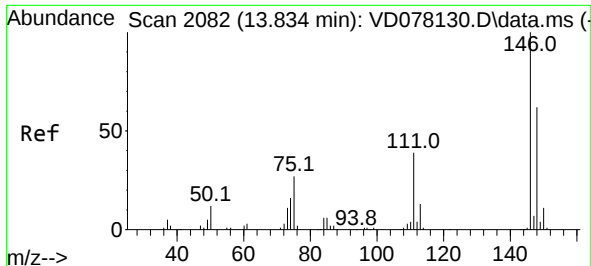
Tgt Ion	Ratio	Lower	Upper
91	100		
92	51.8	26.5	79.5
134	24.7	13.8	41.3



#90
Hexachloroethane
Concen: 19.459 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.000 min
Lab File: VD078145.D
Acq: 11 Jan 2024 11:06

Tgt Ion	Ratio	Lower	Upper
117	100		
201	65.3	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 19.496 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

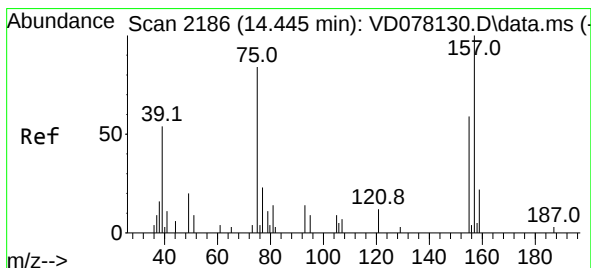
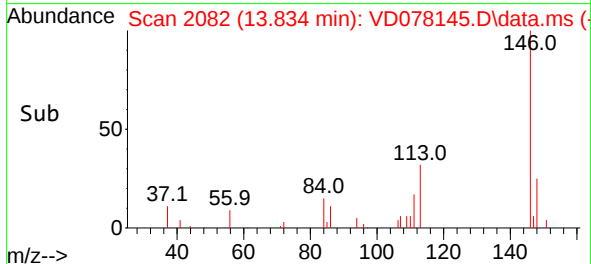
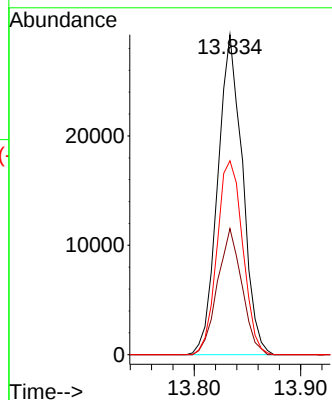
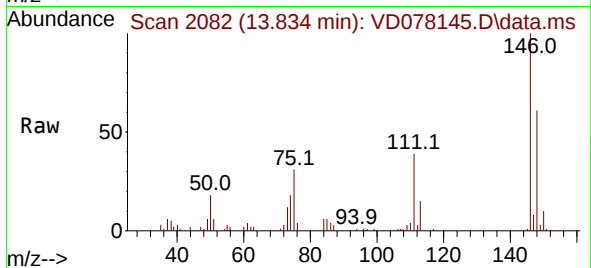
Tgt Ion:146 Resp: 47169

Ion Ratio Lower Upper

146 100

111 39.0 18.3 54.8

148 63.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.015 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

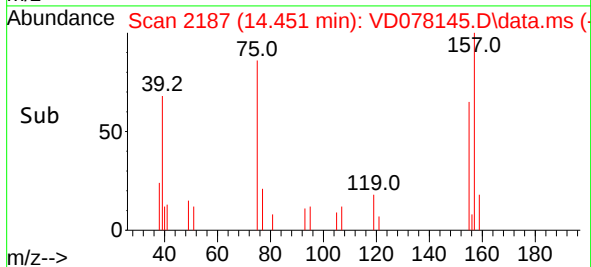
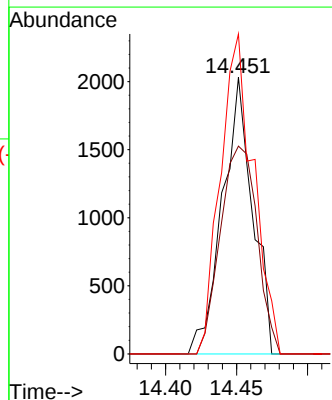
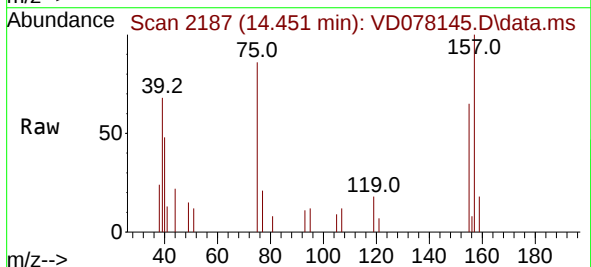
Tgt Ion: 75 Resp: 3003

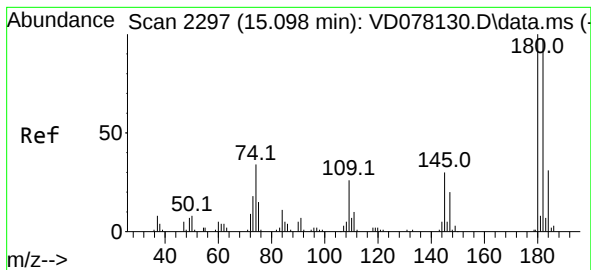
Ion Ratio Lower Upper

75 100

155 91.5 47.9 143.8

157 126.2 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 18.491 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

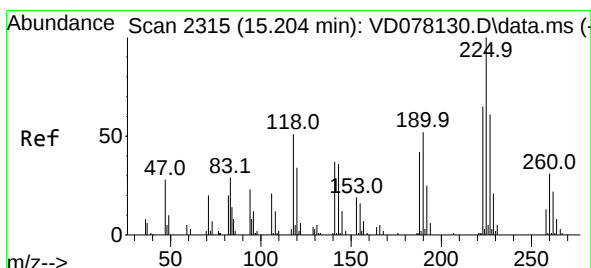
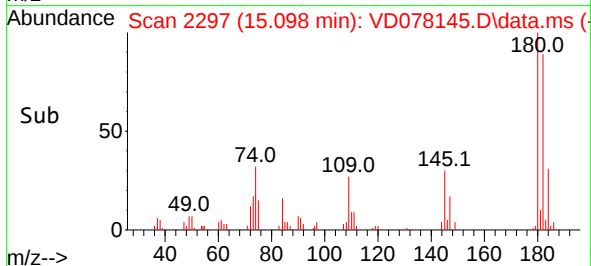
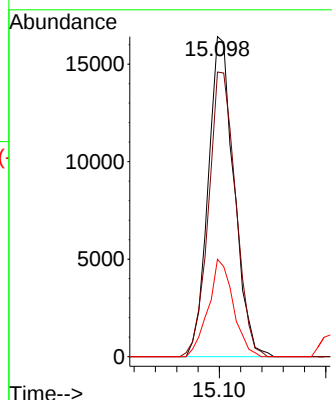
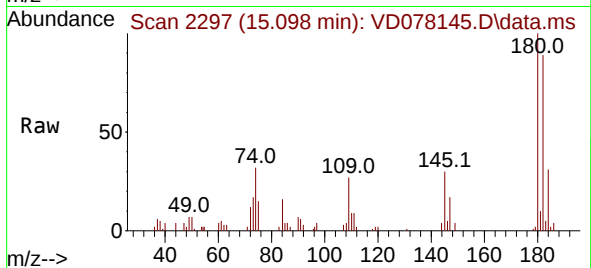
Tgt Ion:180 Resp: 27702

Ion Ratio Lower Upper

180 100

182 93.1 48.5 145.6

145 29.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.446 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

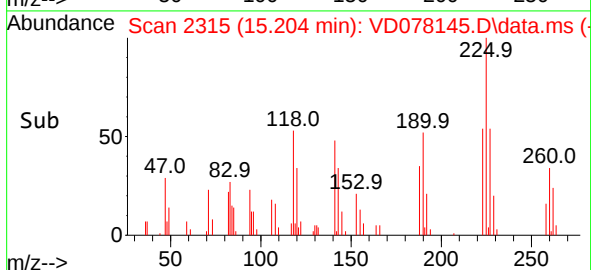
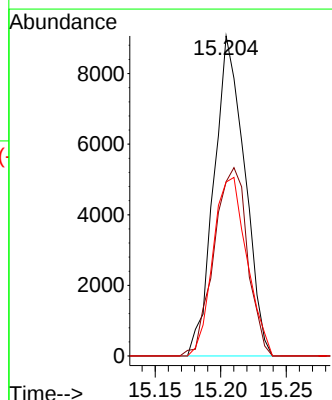
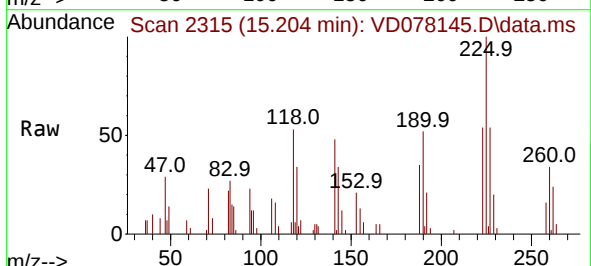
Tgt Ion:225 Resp: 14746

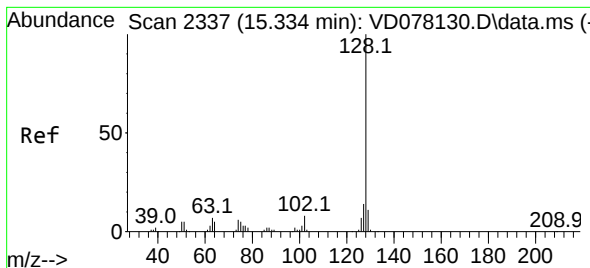
Ion Ratio Lower Upper

225 100

223 64.2 31.6 94.8

227 61.5 31.7 95.1





#95

Naphthalene

Concen: 18.239 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Instrument :

MSVOA_D

ClientSampleId :

VD0111SBS01

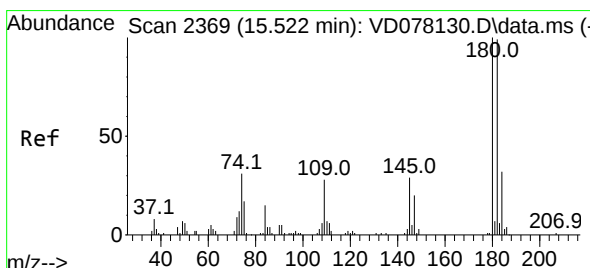
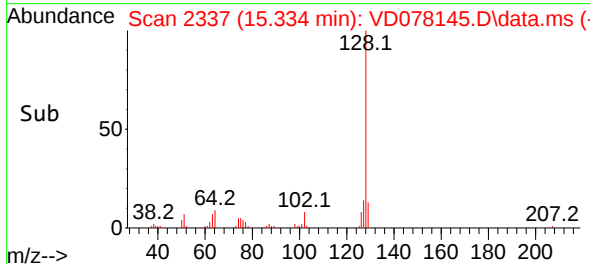
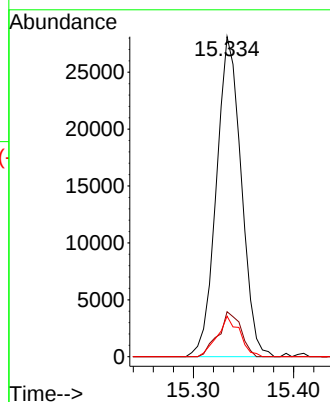
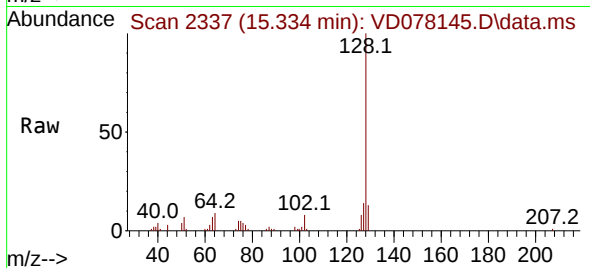
Tgt Ion:128 Resp: 48439

Ion Ratio Lower Upper

128 100

127 14.1 10.5 15.7

129 12.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 18.195 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD078145.D

Acq: 11 Jan 2024 11:06

Tgt Ion:180 Resp: 23246

Ion Ratio Lower Upper

180 100

182 102.5 47.3 141.9

145 35.2 15.1 45.3

