

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078194.D
 Acq On : 22 Jan 2024 15:19
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 22 16:08:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 22 16:08:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	137300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	257598	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	229870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	8701	5.444	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.880%#
35) Dibromofluoromethane	7.805	113	8875	5.191	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.380%#
50) Toluene-d8	10.269	98	33409	4.942	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.880%#
62) 4-Bromofluorobenzene	12.575	95	10468	5.285	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.580%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	10078	2.794	ug/l	91
3) Chloromethane	2.152	50	15418	2.706	ug/l	97
4) Vinyl Chloride	2.293	62	17400	5.376	ug/l #	88
5) Bromomethane	2.705	94	14630	6.090	ug/l	93
6) Chloroethane	2.846	64	12364	5.475	ug/l	97
7) Trichlorofluoromethane	3.187	101	15792	5.416	ug/l	95
8) Diethyl Ether	3.599	74	4129	5.090	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.969	101	9609	5.550	ug/l	97
10) Methyl Iodide	4.175	142	6393	3.805	ug/l #	84
11) Tert butyl alcohol	5.063	59	845	22.262	ug/l #	73
12) 1,1-Dichloroethene	3.946	96	9697	5.666	ug/l	84
13) Acrolein	3.811	56	3607	20.804	ug/l	93
14) Allyl chloride	4.575	41	11138	5.102	ug/l	87
15) Acrylonitrile	5.258	53	10091	27.393	ug/l #	88
16) Acetone	4.028	43	14017	10.273	ug/l	99
17) Carbon Disulfide	4.287	76	29946	5.452	ug/l #	94
18) Methyl Acetate	4.564	43	6793	5.116	ug/l #	87
19) Methyl tert-butyl Ether	5.316	73	17882	5.101	ug/l	93
20) Methylene Chloride	4.811	84	15718	4.980	ug/l #	84
21) trans-1,2-Dichloroethene	5.328	96	10539	5.362	ug/l	92
22) Diisopropyl ether	6.222	45	23250	4.927	ug/l	95
23) Vinyl Acetate	6.158	43	45532	20.327	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	18502	5.653	ug/l	96
25) 2-Butanone	7.081	43	16429	24.218	ug/l #	79
26) 2,2-Dichloropropane	7.075	77	15483	5.582	ug/l	92
27) cis-1,2-Dichloroethene	7.087	96	11211	5.285	ug/l	87
28) Bromochloromethane	7.434	49	6789	5.282	ug/l #	71
29) Tetrahydrofuran	7.446	42	6258	24.209	ug/l	89
30) Chloroform	7.593	83	17264	5.240	ug/l	95
31) Cyclohexane	7.881	56	17449	6.041	ug/l #	88
32) 1,1,1-Trichloroethane	7.805	97	15591	5.389	ug/l	96
36) 1,1-Dichloropropene	8.010	75	13986	5.048	ug/l	96
37) Ethyl Acetate	7.169	43	5009	4.981	ug/l #	85
38) Carbon Tetrachloride	7.993	117	13682	4.978	ug/l	98
39) Methylcyclohexane	9.281	83	14971	4.609	ug/l	89
40) Benzene	8.257	78	39770	5.035	ug/l	92

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 Sample : VSTDICC005
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 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 22 16:08:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 22 16:08:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	2482	4.404	ug/l #	79
42) 1,2-Dichloroethane	8.334	62	10337	5.053	ug/l	99
43) Isopropyl Acetate	8.363	43	8793	4.683	ug/l	94
44) Trichloroethene	9.034	130	10475	5.174	ug/l	83
45) 1,2-Dichloropropane	9.304	63	10201	5.155	ug/l	89
46) Dibromomethane	9.393	93	5630	5.170	ug/l #	85
47) Bromodichloromethane	9.581	83	12439	4.713	ug/l	90
48) Methyl methacrylate	9.381	41	5303	4.856	ug/l #	71
49) 1,4-Dioxane	9.381	88	646	122.940	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	22786	23.125	ug/l	88
52) Toluene	10.334	92	24798	4.952	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	12189	4.866	ug/l	94
54) cis-1,3-Dichloropropene	10.016	75	14162	4.713	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	6799	4.820	ug/l #	78
56) Ethyl methacrylate	10.598	69	5412	4.558	ug/l #	76
57) 1,3-Dichloropropane	10.881	76	12257	4.935	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	15903	22.332	ug/l	97
59) 2-Hexanone	10.922	43	20384	25.246	ug/l	86
60) Dibromochloromethane	11.075	129	8615	5.049	ug/l	100
61) 1,2-Dibromoethane	11.181	107	6538	4.905	ug/l	89
64) Tetrachloroethene	10.810	164	7510	5.021	ug/l #	80
65) Chlorobenzene	11.604	112	24822	4.917	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.687	131	8719	4.811	ug/l	99
67) Ethyl Benzene	11.687	91	42473	4.620	ug/l	94
68) m/p-Xylenes	11.793	106	32728	9.328	ug/l	91
69) o-Xylene	12.122	106	14224	4.457	ug/l	87
70) Styrene	12.140	104	21377	4.465	ug/l	92
71) Bromoform	12.304	173	3851	4.439	ug/l #	91
73) Isopropylbenzene	12.428	105	38560	4.924	ug/l	95
74) N-amyl acetate	12.234	43	7260	4.893	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	7717	5.332	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	9295	5.784	ug/l #	100
77) Bromobenzene	12.704	156	8491	4.958	ug/l	75
78) n-propylbenzene	12.763	91	49224	5.047	ug/l	94
79) 2-Chlorotoluene	12.851	91	26785	5.169	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	30521	4.723	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.475	75	2324	5.203	ug/l	86
82) 4-Chlorotoluene	12.951	91	29194	5.324	ug/l	92
83) tert-Butylbenzene	13.169	119	25863	4.761	ug/l	94
84) 1,2,4-Trimethylbenzene	13.216	105	31320	4.754	ug/l	95
85) sec-Butylbenzene	13.345	105	39791	4.870	ug/l	92
86) p-Isopropyltoluene	13.457	119	33855	4.724	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	18083	5.073	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	19035	5.391	ug/l	90
89) n-Butylbenzene	13.787	91	34777	5.004	ug/l	97
90) Hexachloroethane	14.051	117	7122	5.046	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	16030	5.276	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1030	5.076	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	9912	5.338	ug/l	93
94) Hexachlorobutadiene	15.204	225	4675	5.145	ug/l	97
95) Naphthalene	15.334	128	18767	5.301	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.522	180	8656	5.492	ug/l	93

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Acq On : 22 Jan 2024 15:19
Operator : RP/MD
Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

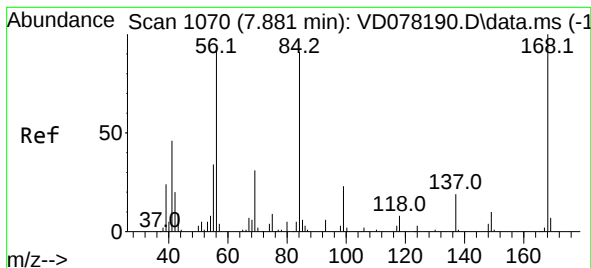
Quant Time: Jan 22 16:08:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 22 16:08:06 2024
Response via : Initial Calibration

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

Quant Time: Jan 22 16:08:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 22 16:08:06 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

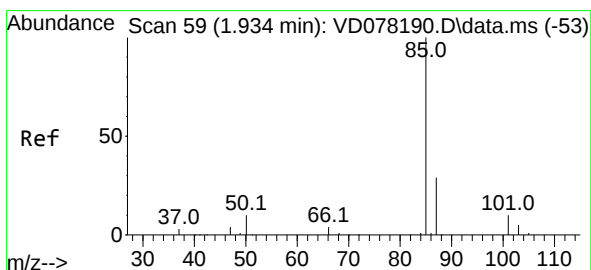
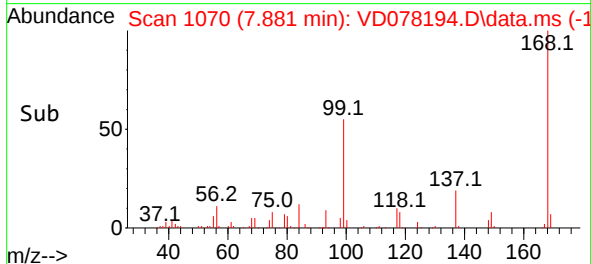
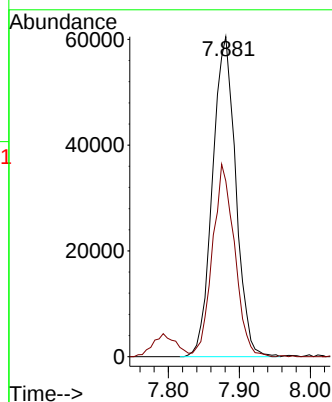
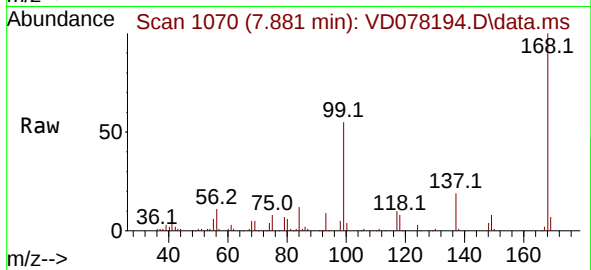
VSTDIC005

Tgt Ion:168 Resp: 137300

Ion Ratio Lower Upper

168 100

99 54.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 2.794 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD078194.D

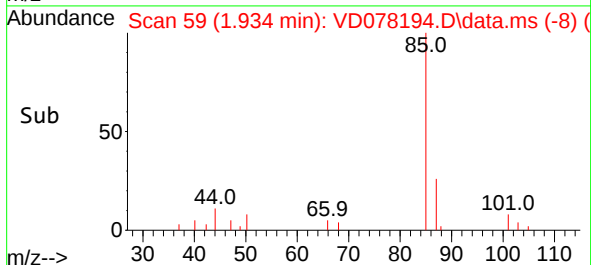
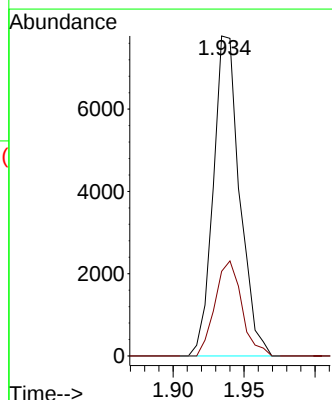
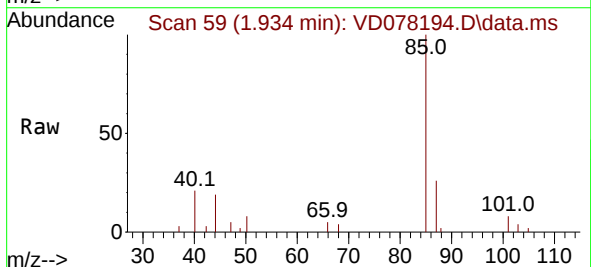
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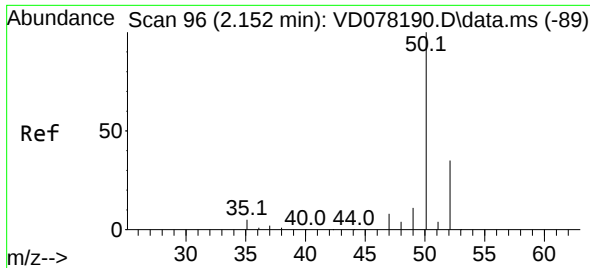
Tgt Ion: 85 Resp: 10078

Ion Ratio Lower Upper

85 100

87 26.4 15.7 47.0

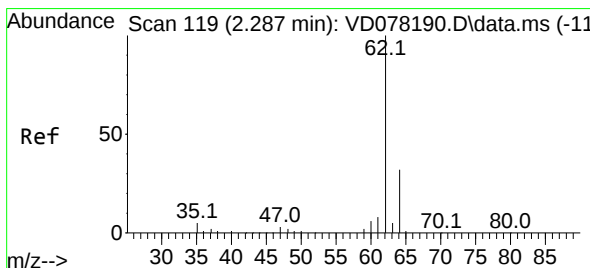
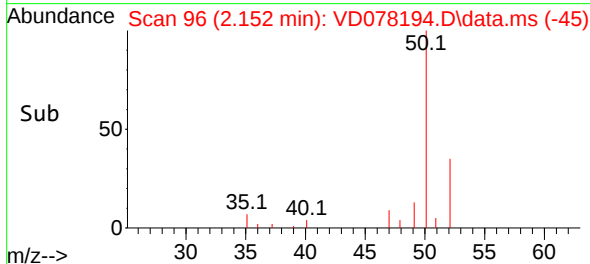
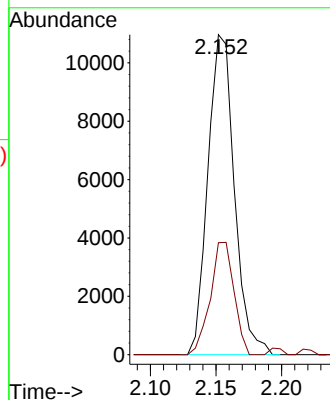
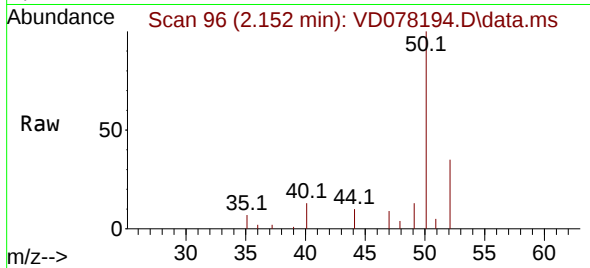




#3
Chloromethane
Concen: 2.706 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

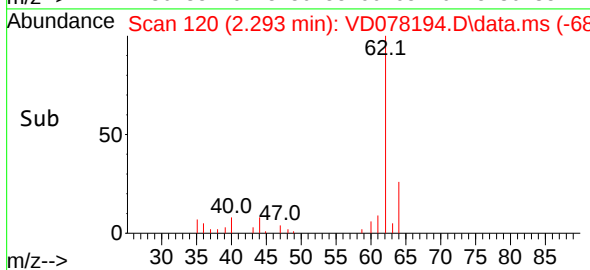
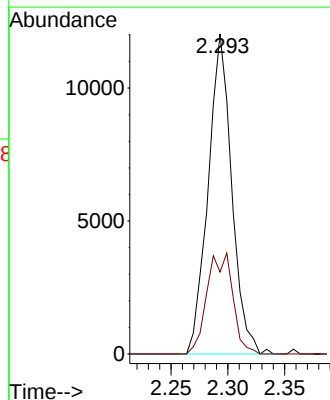
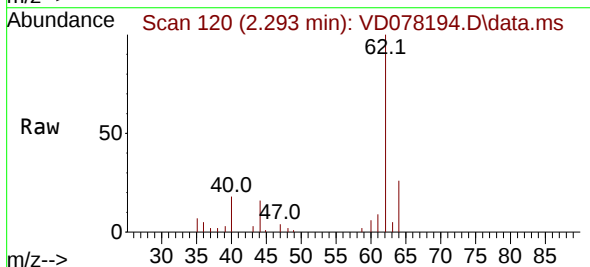
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

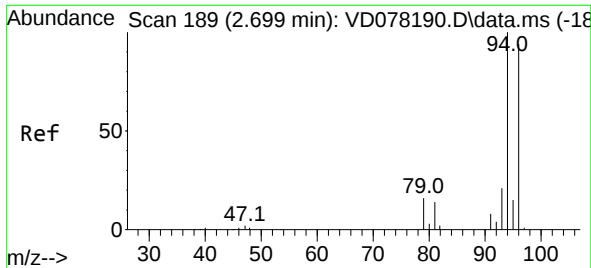
Tgt Ion: 50 Resp: 15418
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 5.376 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 62 Resp: 17400
Ion Ratio Lower Upper
62 100
64 25.6 26.0 39.0#

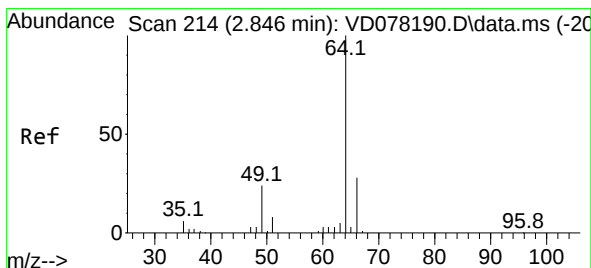
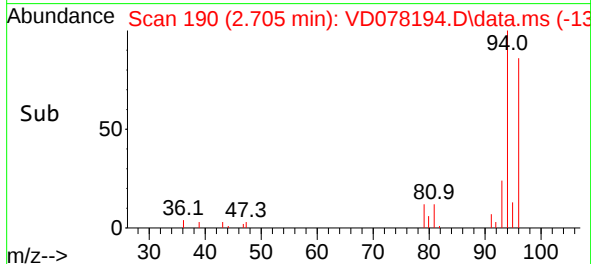
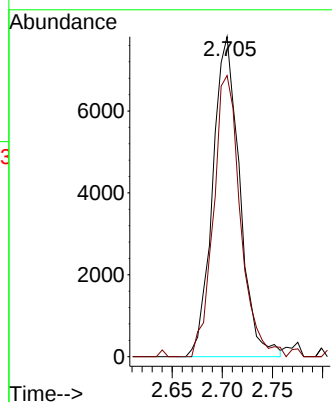
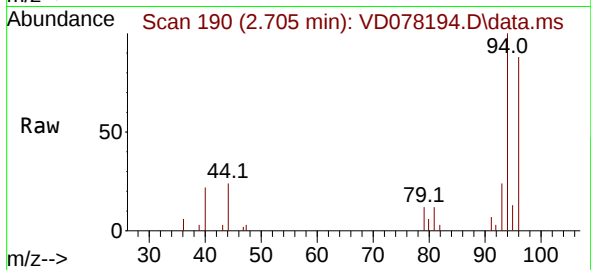




#5
Bromomethane
Concen: 6.090 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

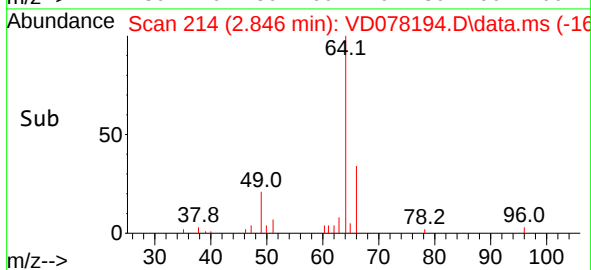
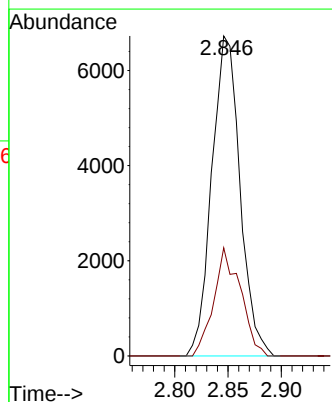
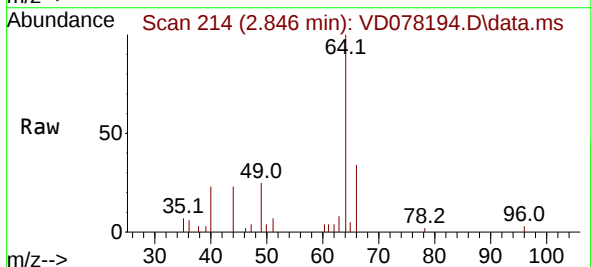
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

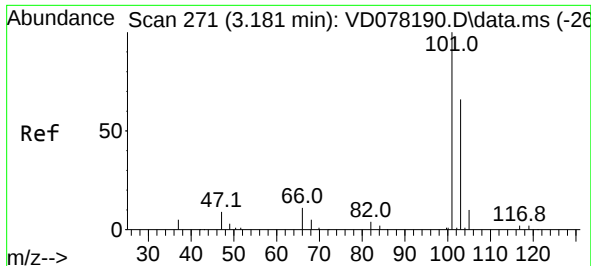
Tgt Ion: 94 Resp: 14630
Ion Ratio Lower Upper
94 100
96 87.6 75.8 113.8



#6
Chloroethane
Concen: 5.475 ug/l
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 64 Resp: 12364
Ion Ratio Lower Upper
64 100
66 33.8 25.5 38.3

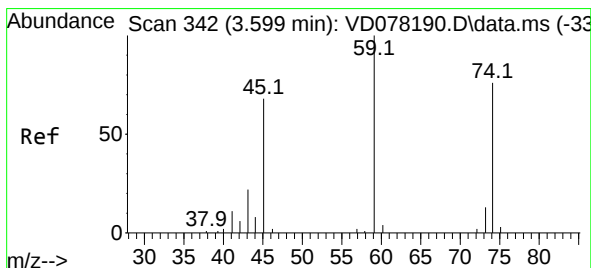
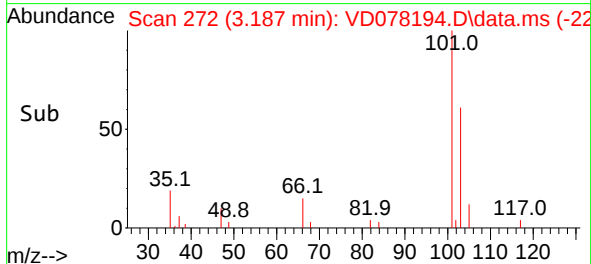
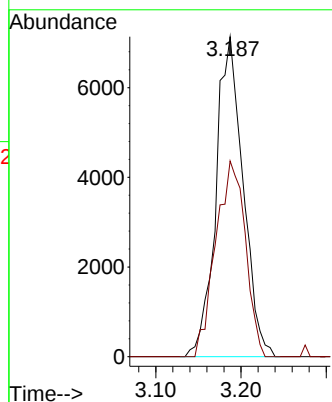
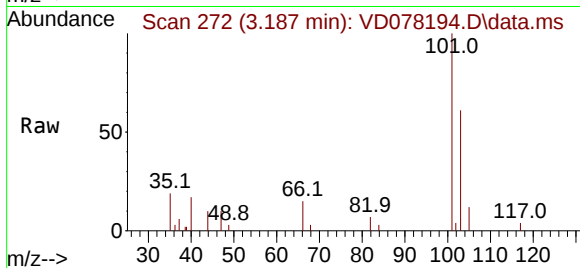




#7
Trichlorofluoromethane
Concen: 5.416 ug/l
RT: 3.187 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

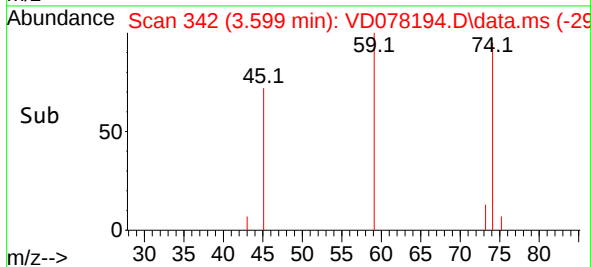
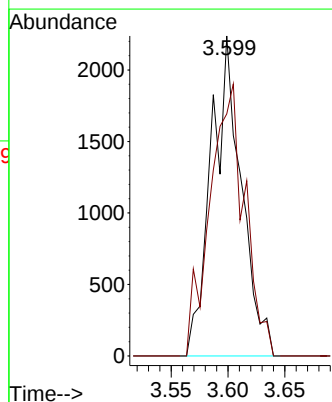
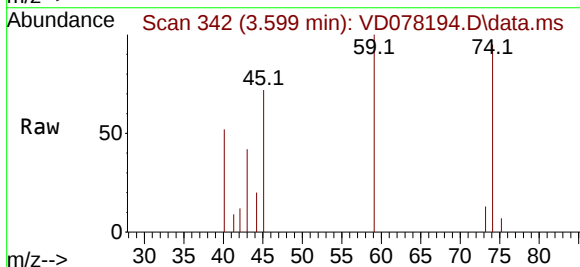
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

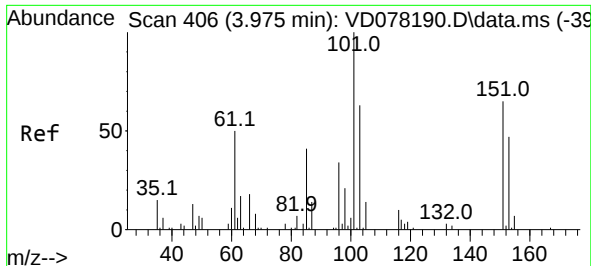
Tgt Ion:101 Resp: 15792
Ion Ratio Lower Upper
101 100
103 61.1 52.3 78.5



#8
Diethyl Ether
Concen: 5.090 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 74 Resp: 4129
Ion Ratio Lower Upper
74 100
45 98.3 37.5 112.7

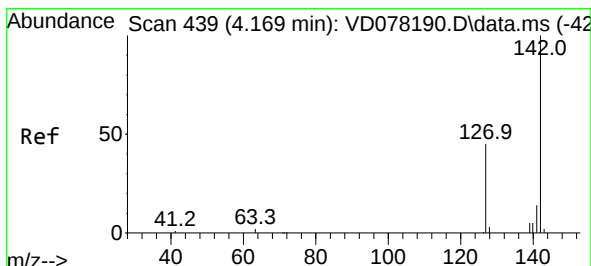
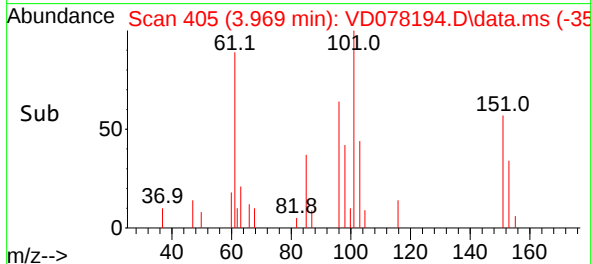
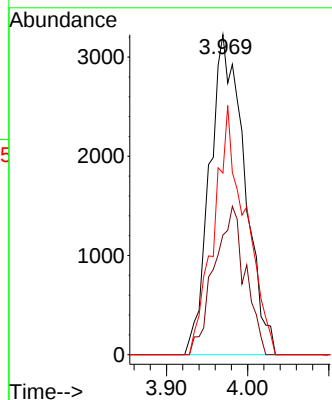
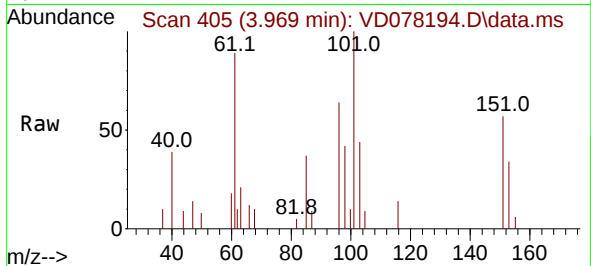




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.550 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

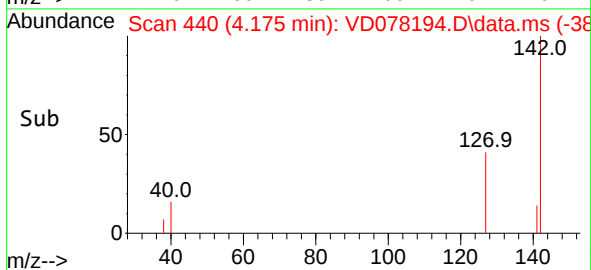
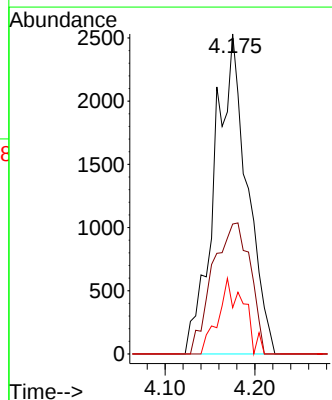
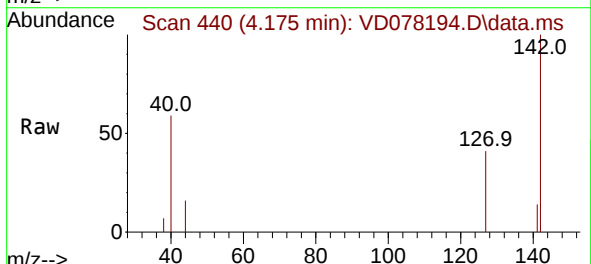
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

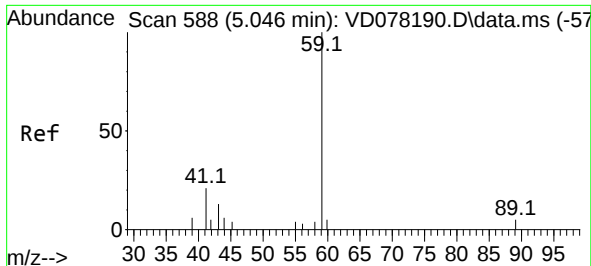
Tgt Ion:	101	Resp:	9609
Ion	Ratio	Lower	Upper
101	100		
85	41.6	33.8	50.6
151	70.7	59.8	89.6



#10
Methyl Iodide
Concen: 3.805 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:	142	Resp:	6393
Ion	Ratio	Lower	Upper
142	100		
127	47.1	29.4	44.0#
141	18.6	11.1	16.7#





#11

Tert butyl alcohol

Concen: 22.262 ug/l

RT: 5.063 min Scan# 51

Delta R.T. 0.005 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

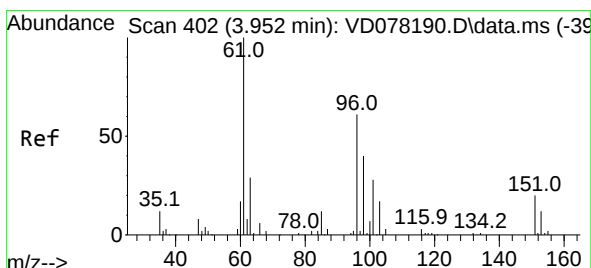
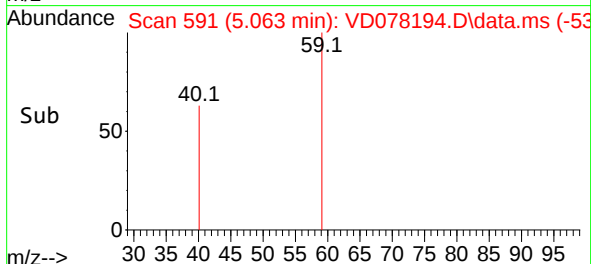
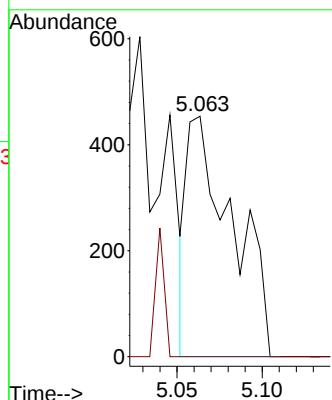
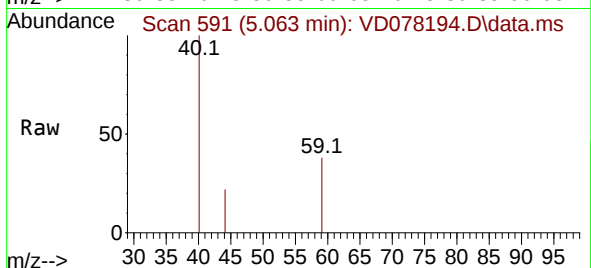
VSTDIC005

Tgt Ion: 59 Resp: 845

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 5.666 ug/l

RT: 3.946 min Scan# 401

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

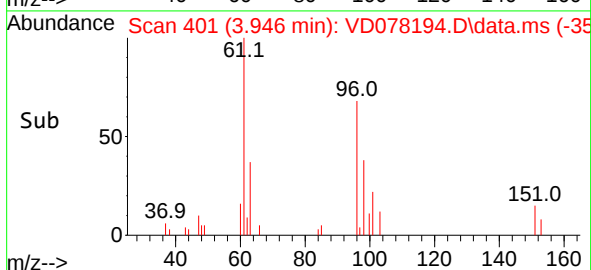
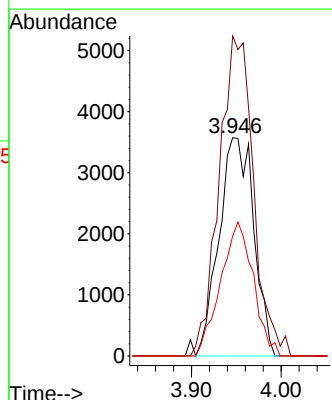
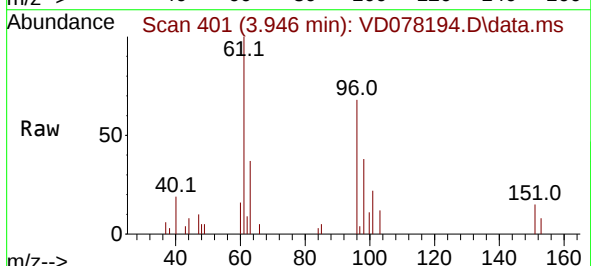
Tgt Ion: 96 Resp: 9697

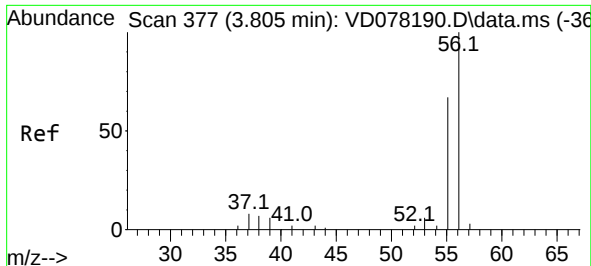
Ion Ratio Lower Upper

96 100

61 146.7 100.6 150.8

98 55.0 50.2 75.2





#13

Acrolein

Concen: 20.804 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

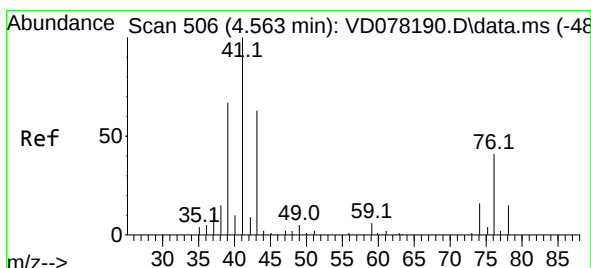
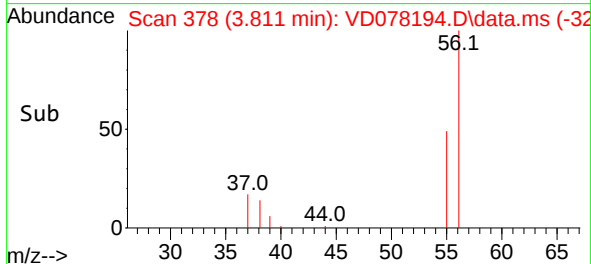
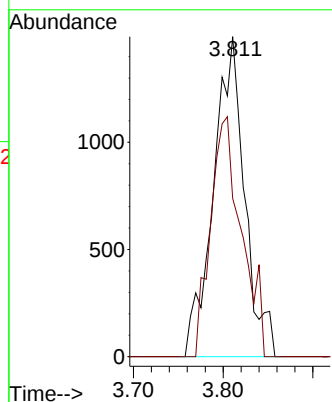
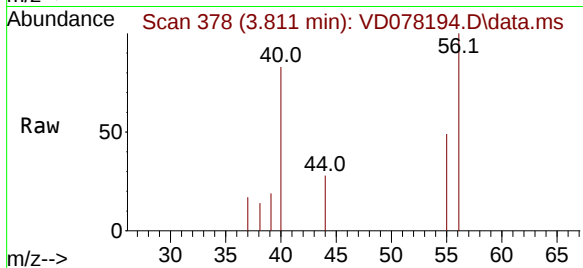
VSTDIC005

Tgt Ion: 56 Resp: 3607

Ion Ratio Lower Upper

56 100

55 74.2 55.1 82.7



#14

Allyl chloride

Concen: 5.102 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

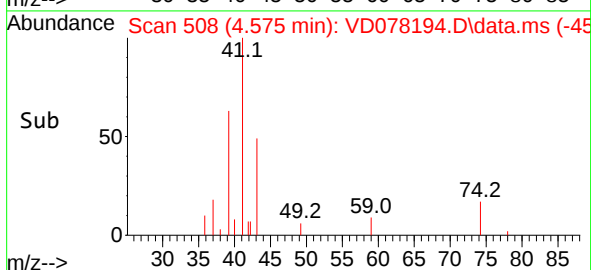
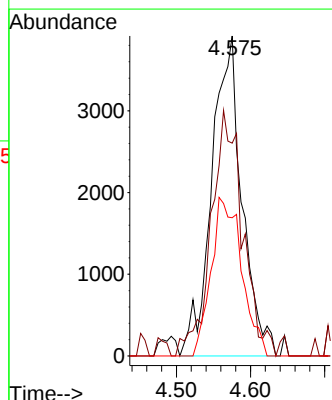
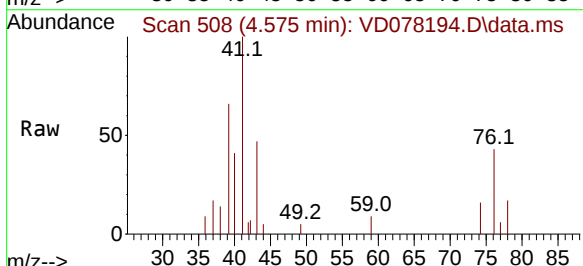
Tgt Ion: 41 Resp: 11138

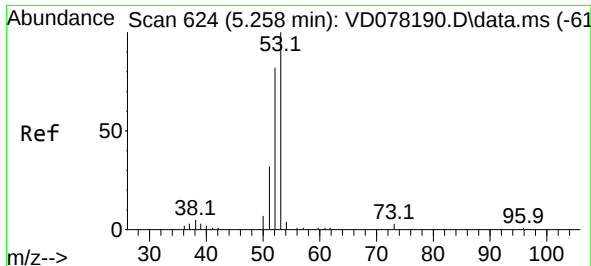
Ion Ratio Lower Upper

41 100

39 80.1 53.8 80.6

76 49.9 45.8 68.8

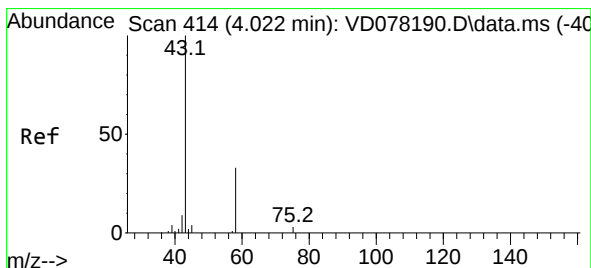
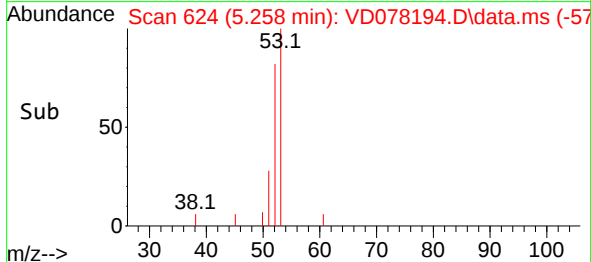
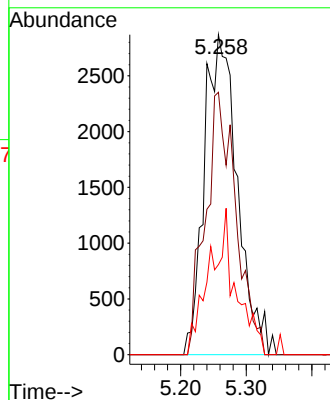
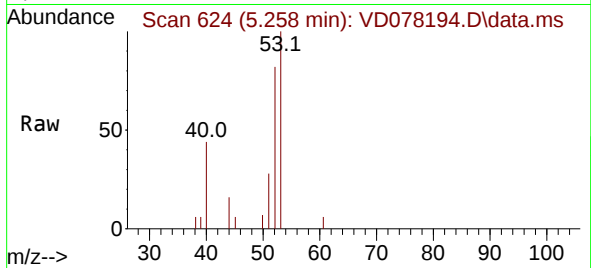




#15
Acrylonitrile
Concen: 27.393 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

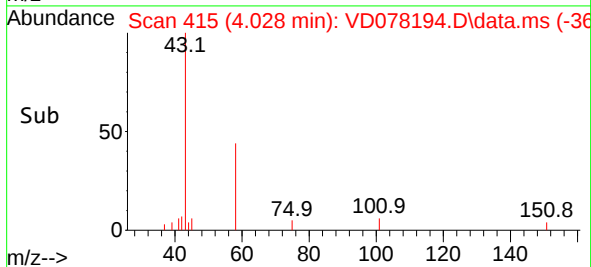
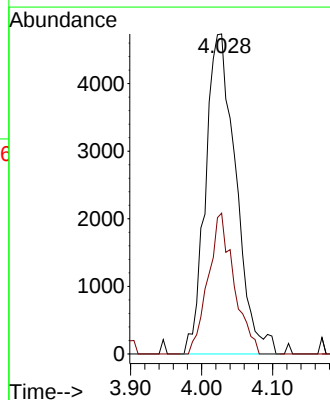
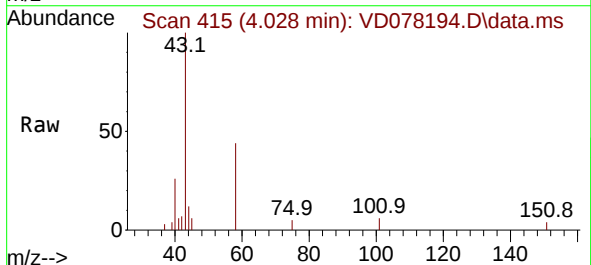
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

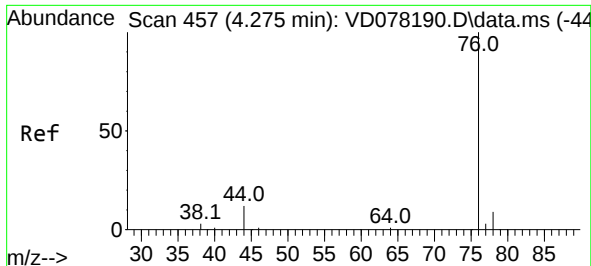
Tgt Ion: 53	Resp:	10091
Ion	Ratio	Lower Upper
53	100	
52	75.4	65.0 97.4
51	20.2	28.3 42.5



#16
Acetone
Concen: 10.273 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 43	Resp:	14017
Ion	Ratio	Lower Upper
43	100	
58	44.0	34.7 52.1

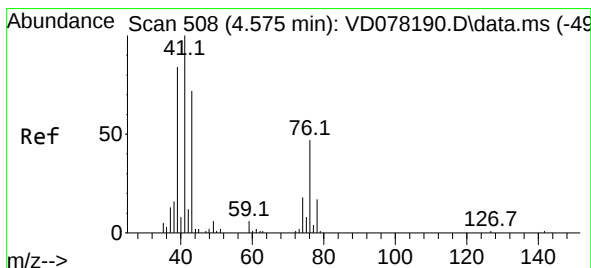
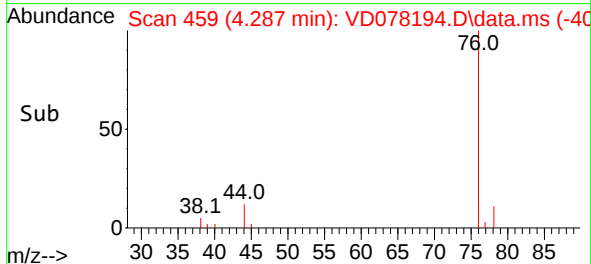
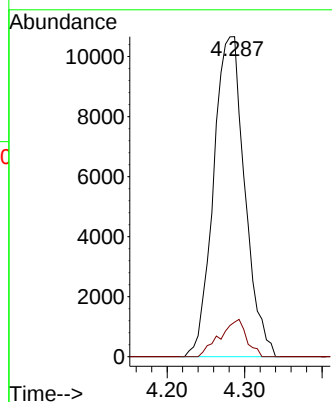
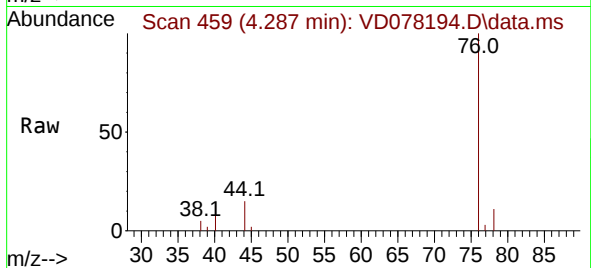




#17
Carbon Disulfide
Concen: 5.452 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

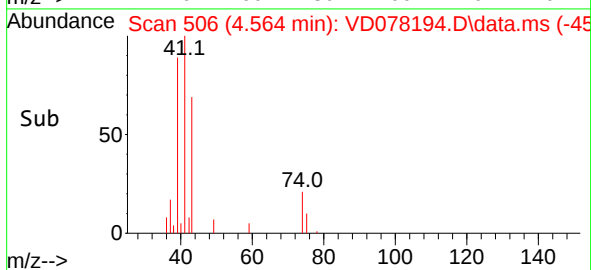
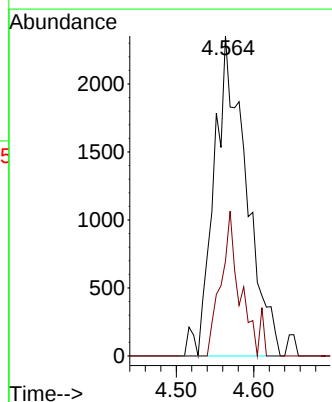
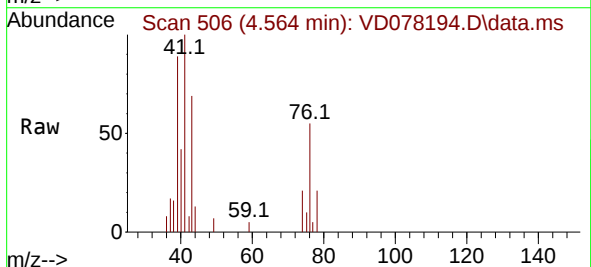
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

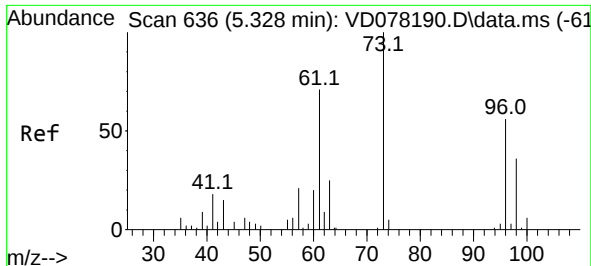
Tgt Ion: 76 Resp: 29946
Ion Ratio Lower Upper
76 100
78 10.8 6.8 10.2#



#18
Methyl Acetate
Concen: 5.116 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 43 Resp: 6793
Ion Ratio Lower Upper
43 100
74 25.9 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 5.101 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

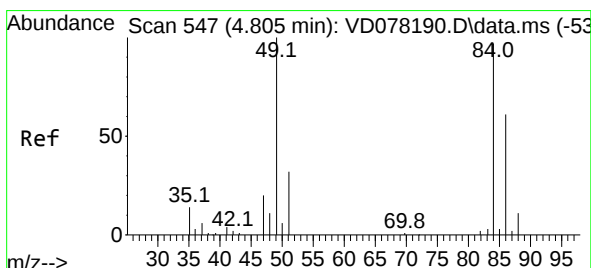
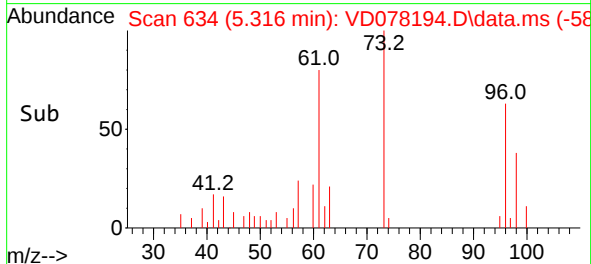
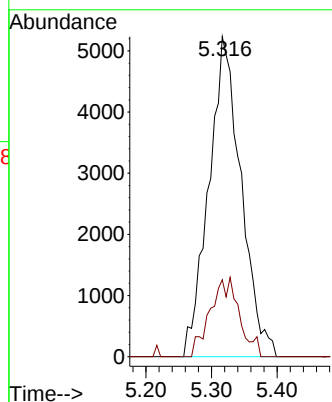
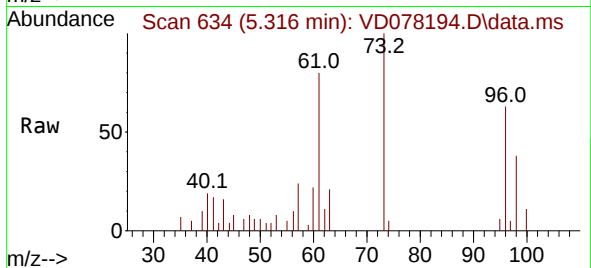
VSTDIC005

Tgt Ion: 73 Resp: 17882

Ion Ratio Lower Upper

73 100

57 24.1 16.6 25.0



#20

Methylene Chloride

Concen: 4.980 ug/l

RT: 4.811 min Scan# 548

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Tgt Ion: 84 Resp: 15718

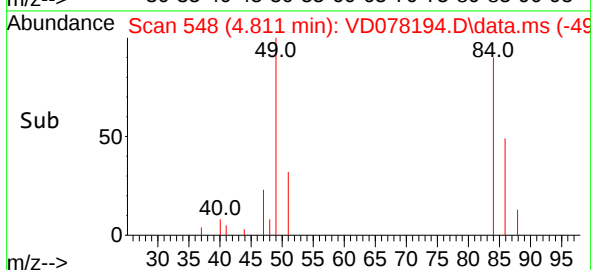
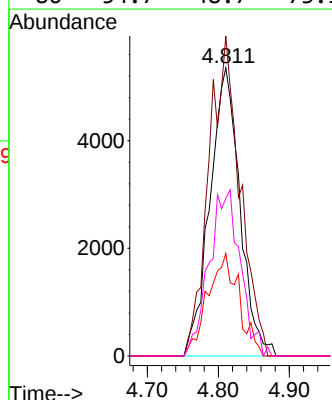
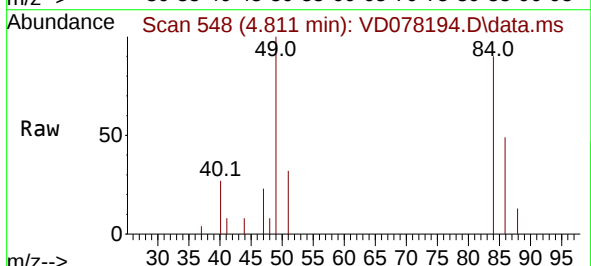
Ion Ratio Lower Upper

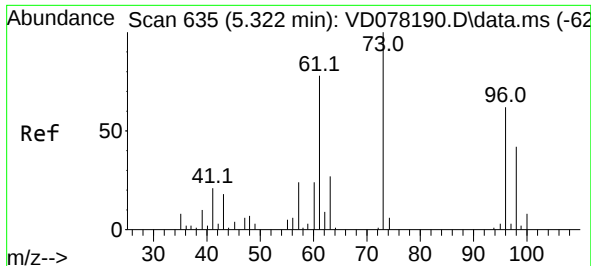
84 100

49 111.1 71.4 107.2#

51 35.6 24.5 36.7

86 54.7 48.7 73.1

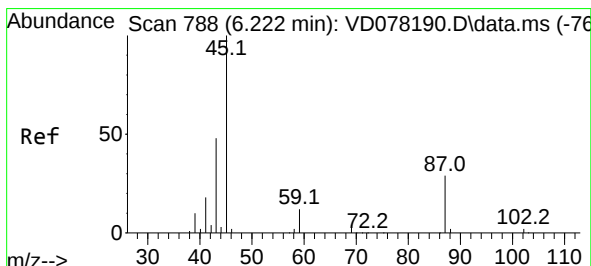
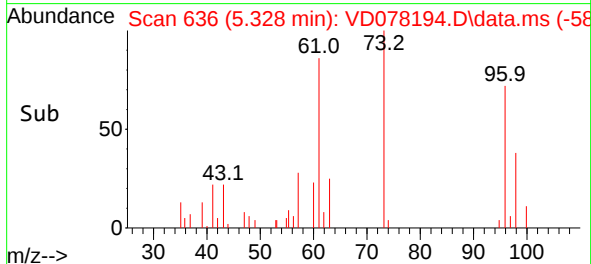
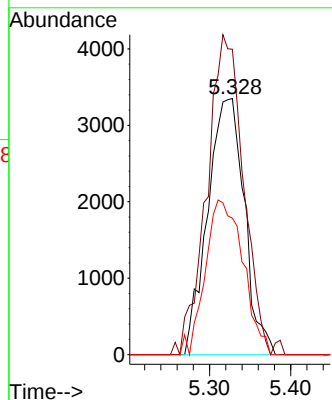
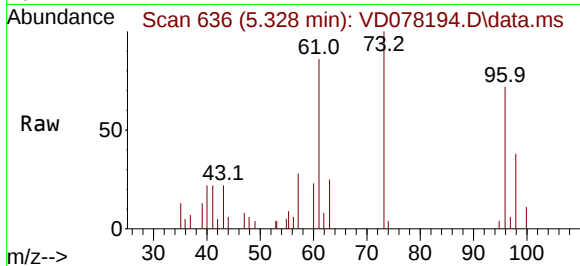




#21
trans-1,2-Dichloroethene
Concen: 5.362 ug/l
RT: 5.328 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

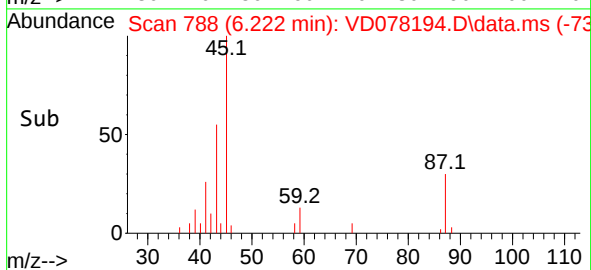
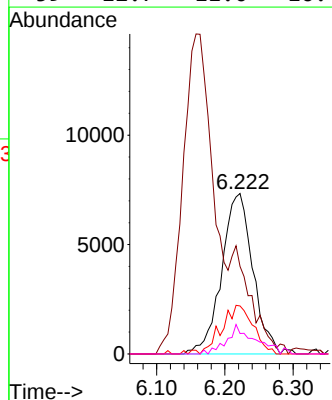
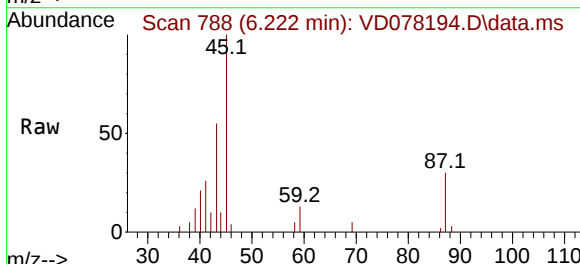
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

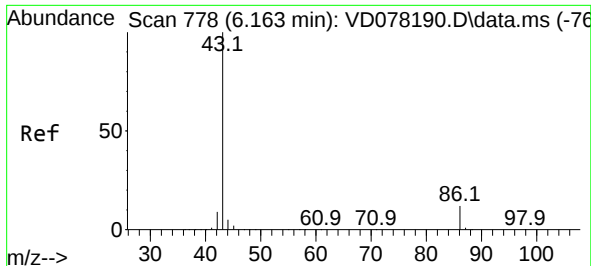
Tgt Ion: 96 Resp: 10539
Ion Ratio Lower Upper
96 100
61 119.3 89.3 133.9
98 53.3 48.6 73.0



#22
Diisopropyl ether
Concen: 4.927 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 45 Resp: 23250
Ion Ratio Lower Upper
45 100
43 48.4 40.0 60.0
87 29.9 28.2 42.4
59 12.7 11.0 16.4

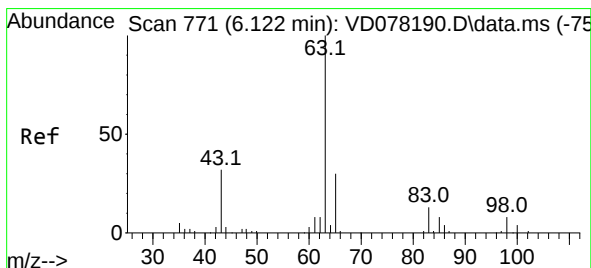
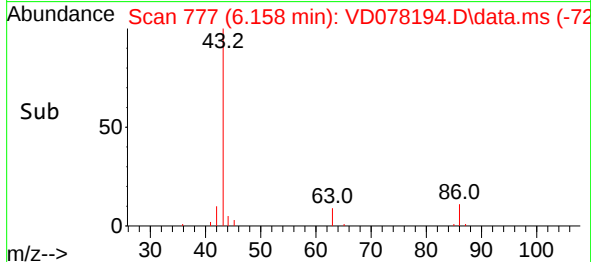
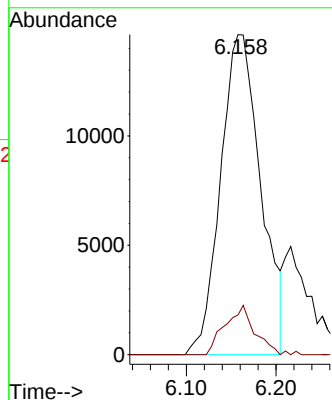
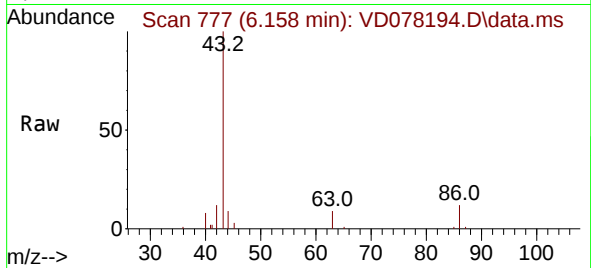




#23
 Vinyl Acetate
 Concen: 20.327 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.005 min
 Lab File: VD078194.D
 Acq: 22 Jan 2024 15:19

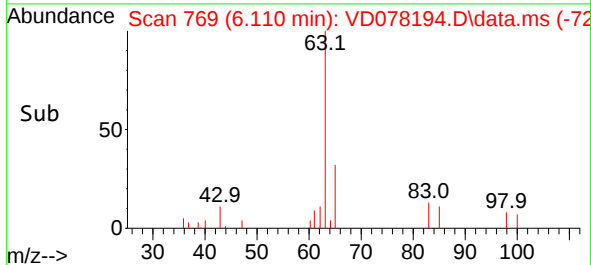
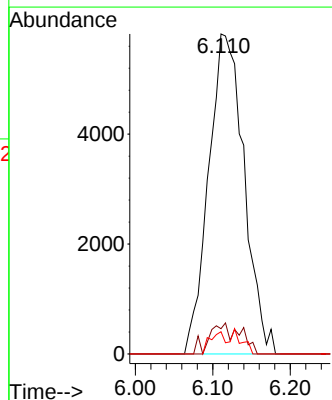
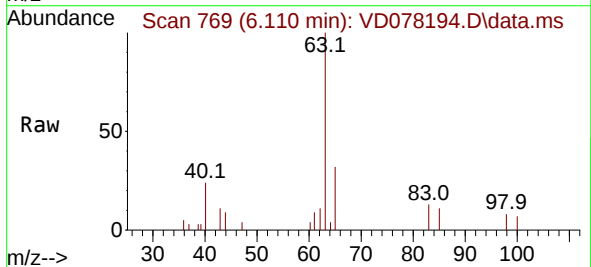
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

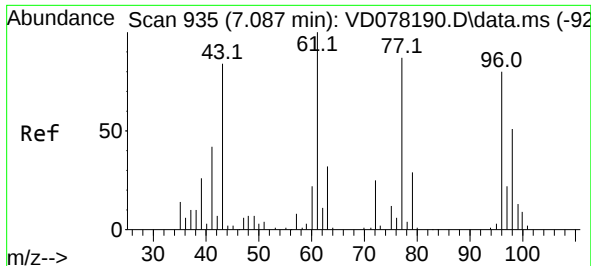
Tgt Ion: 43 Resp: 45532
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 5.653 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.012 min
 Lab File: VD078194.D
 Acq: 22 Jan 2024 15:19

Tgt Ion: 63 Resp: 18502
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 7.0 2.5 7.5





#25

2-Butanone

Concen: 24.218 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

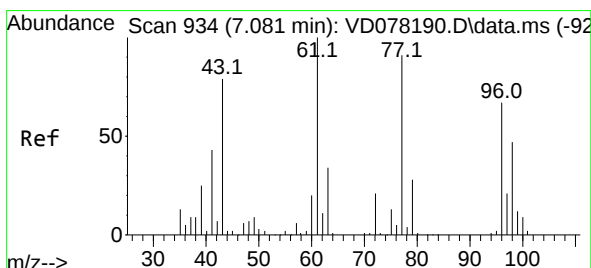
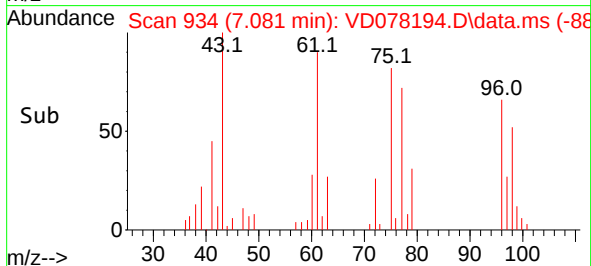
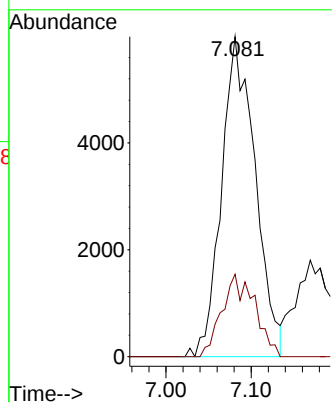
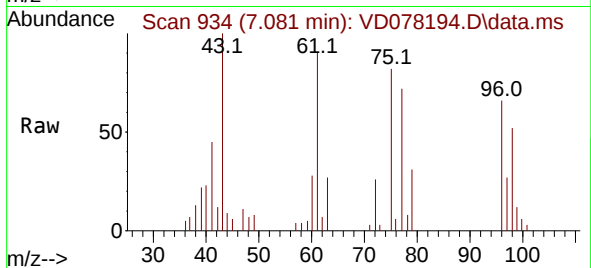
VSTDIC005

Tgt Ion: 43 Resp: 16429

Ion Ratio Lower Upper

43 100

72 25.7 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 5.582 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD078194.D

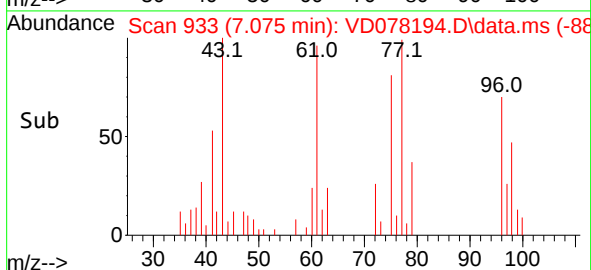
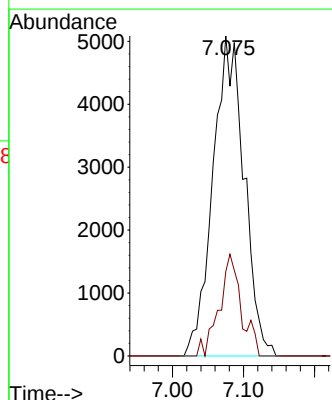
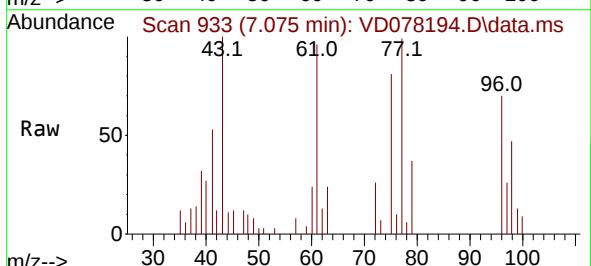
Acq: 22 Jan 2024 15:19

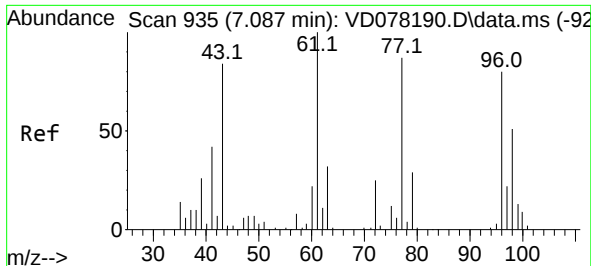
Tgt Ion: 77 Resp: 15483

Ion Ratio Lower Upper

77 100

97 22.4 13.2 39.6

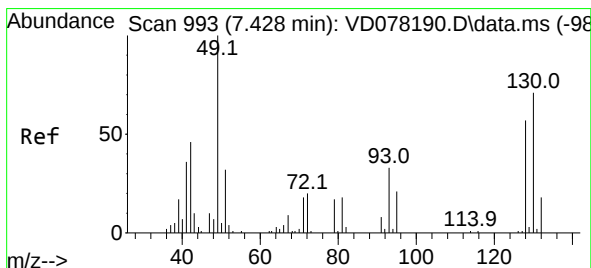
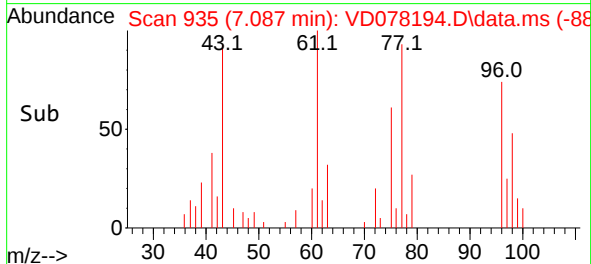
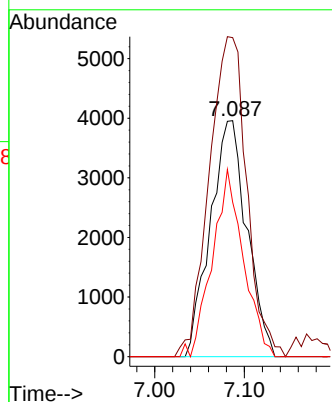
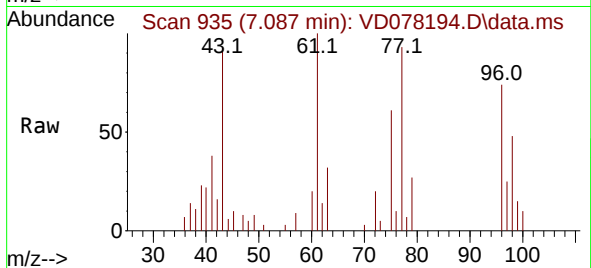




#27
 cis-1,2-Dichloroethene
 Concen: 5.285 ug/l
 RT: 7.087 min Scan# 911
 Delta R.T. -0.000 min
 Lab File: VD078194.D
 Acq: 22 Jan 2024 15:19

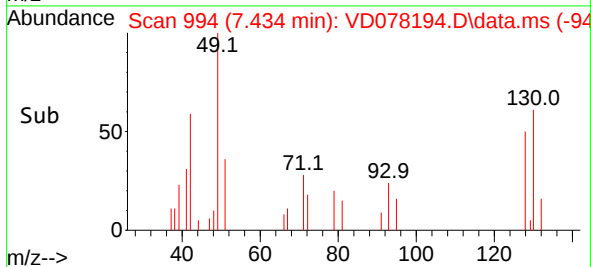
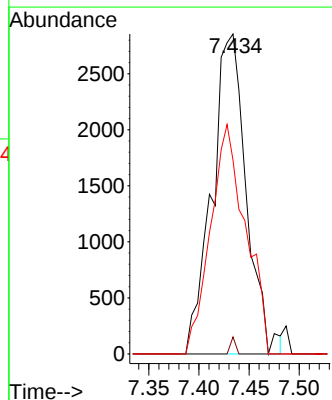
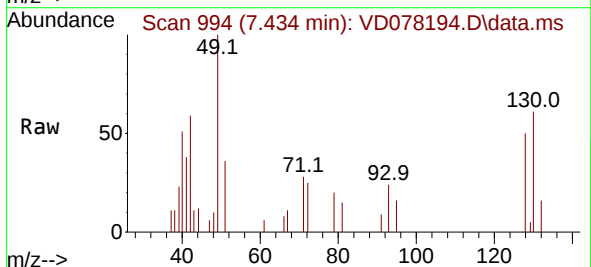
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

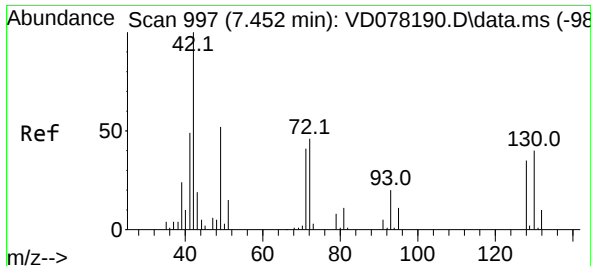
Tgt Ion: 96	Resp: 11211		
Ion Ratio	Lower	Upper	
96	100		
61	139.3	0.0	239.2
98	67.3	0.0	128.6



#28
 Bromochloromethane
 Concen: 5.282 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078194.D
 Acq: 22 Jan 2024 15:19

Tgt Ion: 49	Resp: 6789		
Ion Ratio	Lower	Upper	
49 100			
129 0.8	0.0	6.0	
130 73.2	83.2	124.8#	





#29

Tetrahydrofuran

Concen: 24.209 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

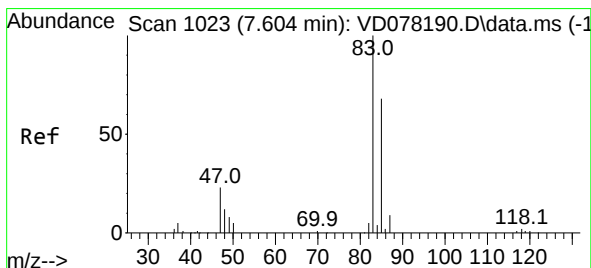
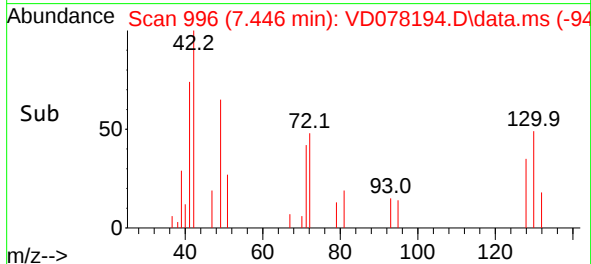
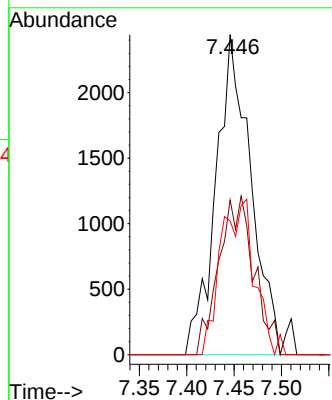
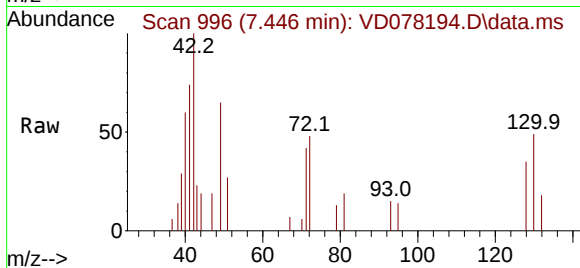
Tgt Ion: 42 Resp: 6258

Ion Ratio Lower Upper

42 100

72 49.8 46.5 69.7

71 47.3 44.5 66.7



#30

Chloroform

Concen: 5.240 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD078194.D

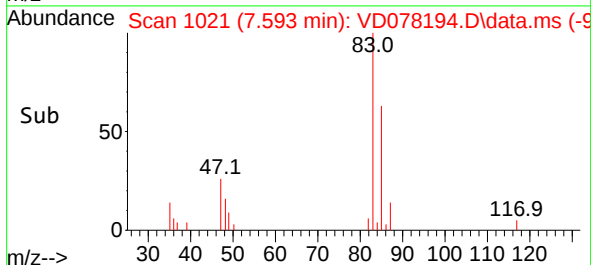
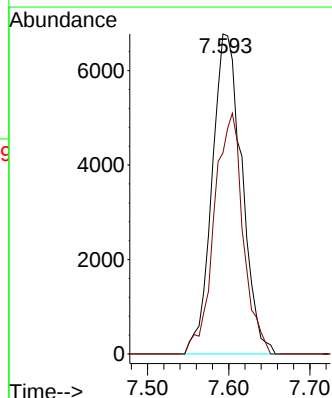
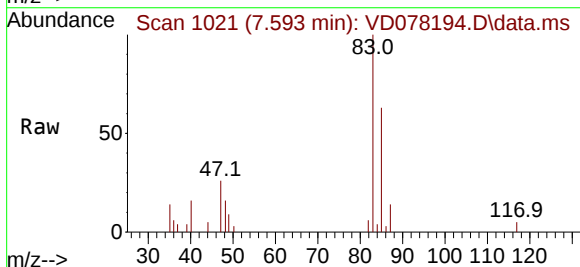
Acq: 22 Jan 2024 15:19

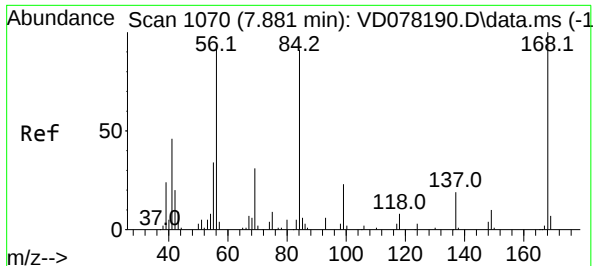
Tgt Ion: 83 Resp: 17264

Ion Ratio Lower Upper

83 100

85 62.8 53.4 80.2

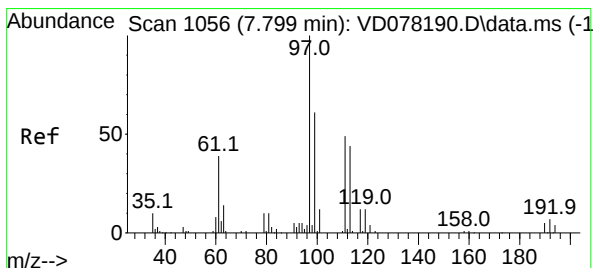
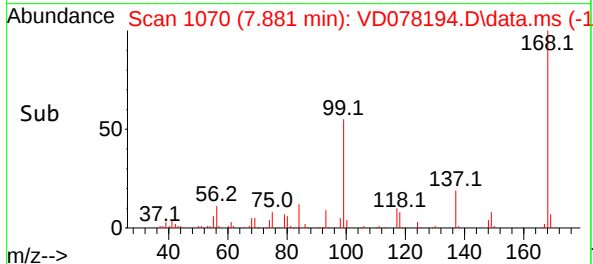
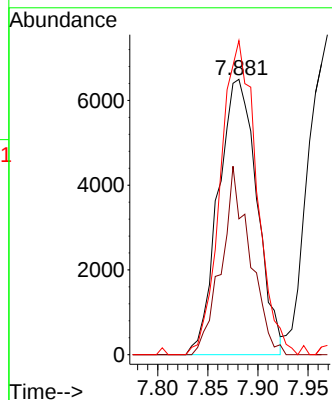
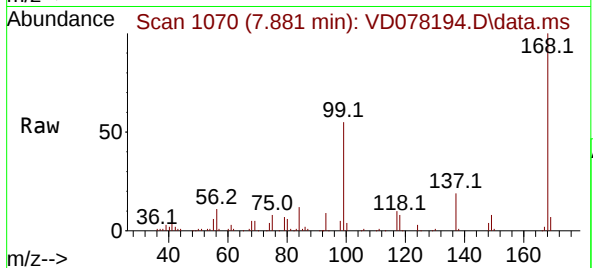




#31
Cyclohexane
Concen: 6.041 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

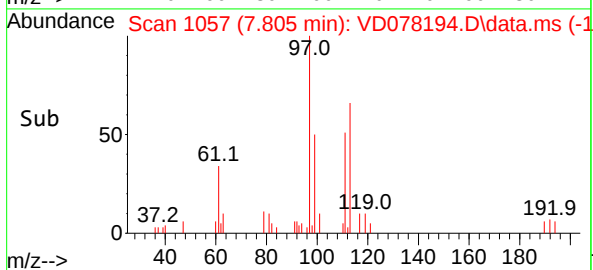
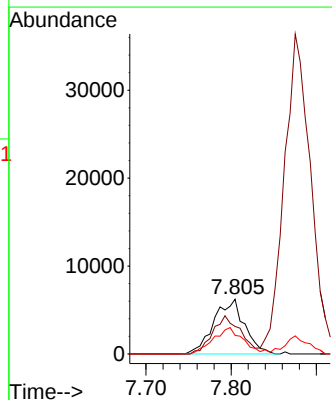
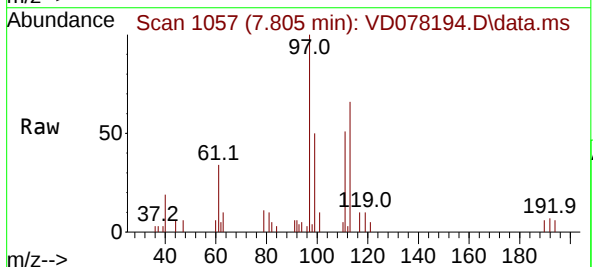
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

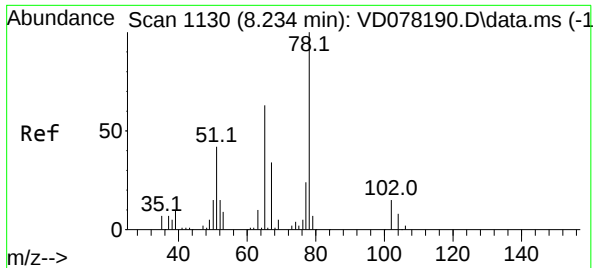
Tgt Ion: 56 Resp: 17449
Ion Ratio Lower Upper
56 100
69 49.4 28.6 43.0#
84 114.1 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 5.389 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.005 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 97 Resp: 15591
Ion Ratio Lower Upper
97 100
99 63.1 52.0 78.0
61 47.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.444 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

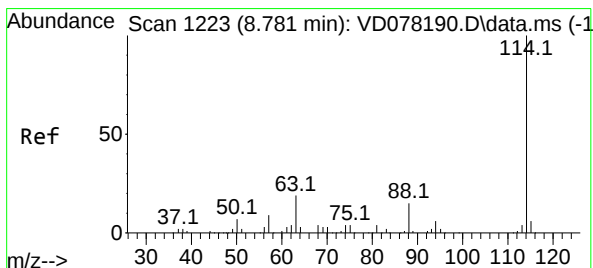
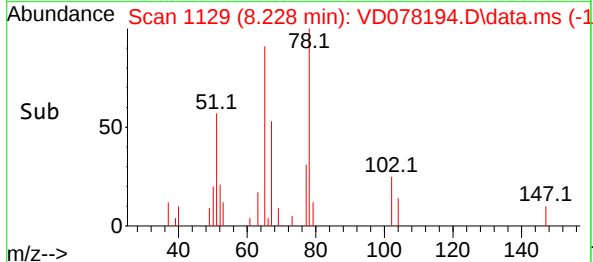
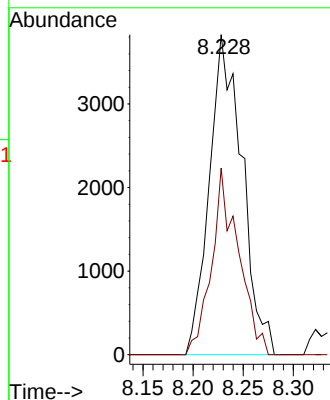
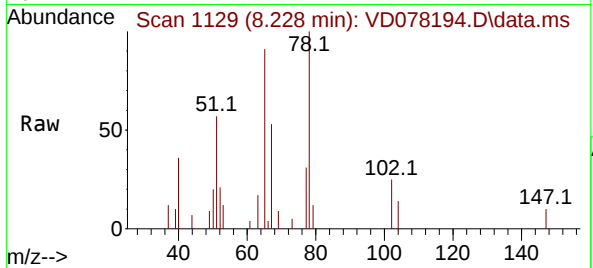
VSTDIC005

Tgt Ion: 65 Resp: 8701

Ion Ratio Lower Upper

65 100

67 47.8 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: VD078194.D

Acq: 22 Jan 2024 15:19

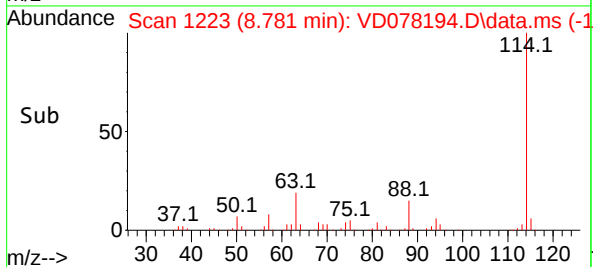
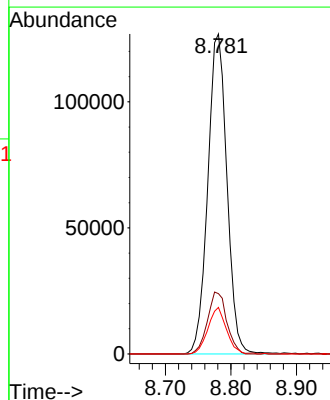
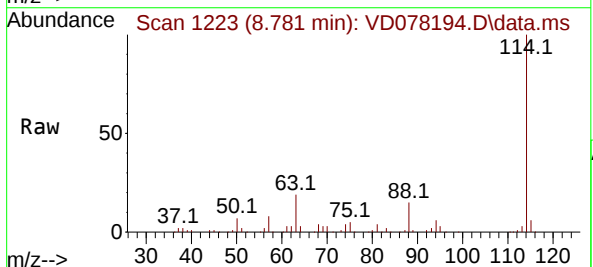
Tgt Ion: 114 Resp: 257598

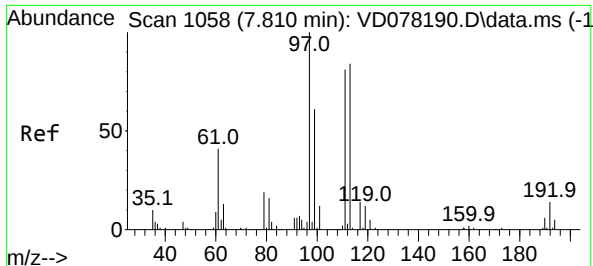
Ion Ratio Lower Upper

114 100

63 18.8 0.0 33.4

88 14.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.191 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.005 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

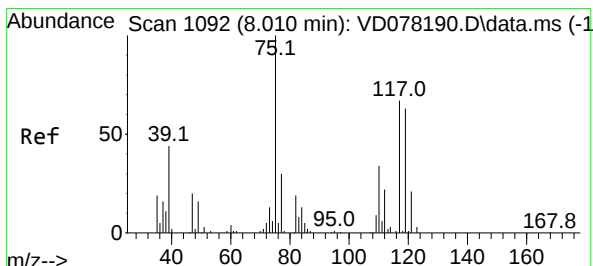
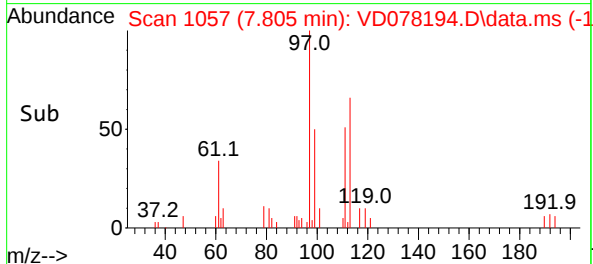
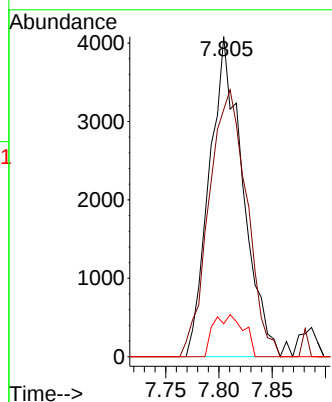
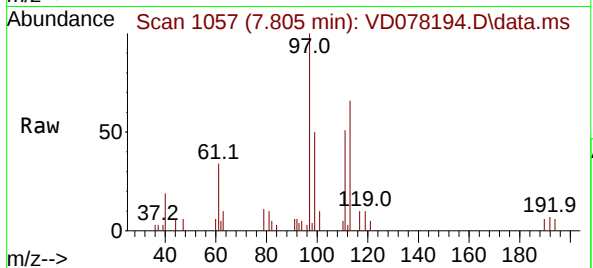
Tgt Ion:113 Resp: 8875

Ion Ratio Lower Upper

113 100

111 94.7 84.7 127.1

192 11.9 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 5.048 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

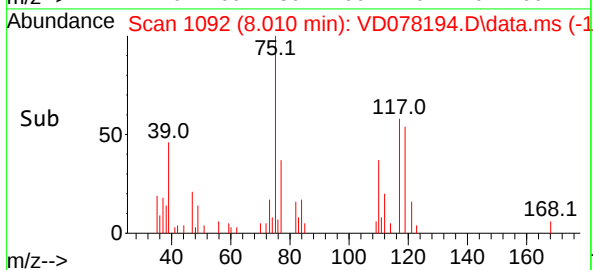
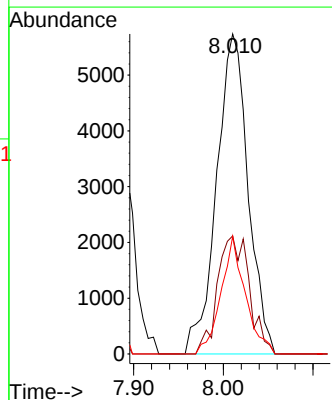
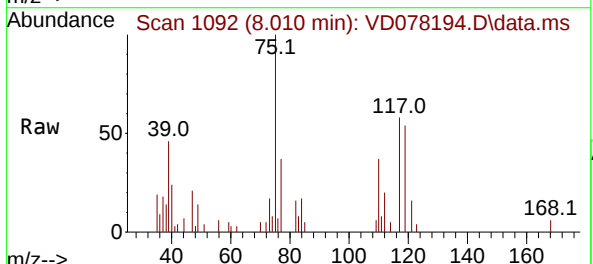
Tgt Ion: 75 Resp: 13986

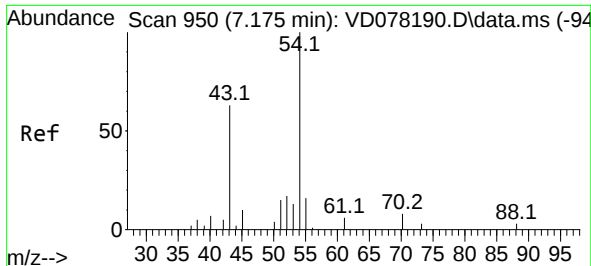
Ion Ratio Lower Upper

75 100

110 37.2 19.9 59.6

77 28.5 24.7 37.1





#37

Ethyl Acetate

Concen: 4.981 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

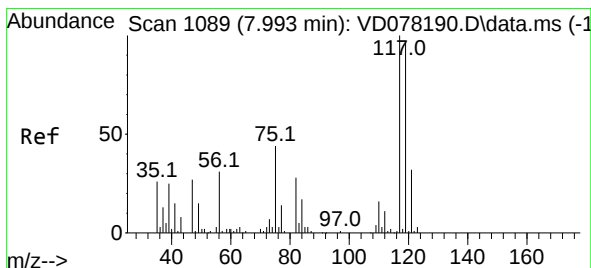
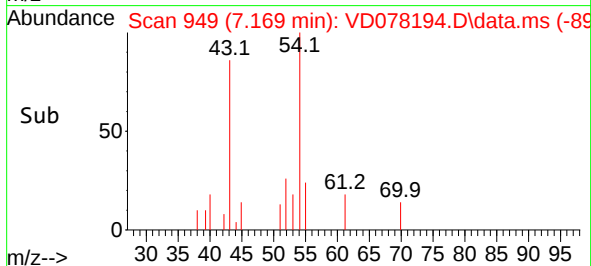
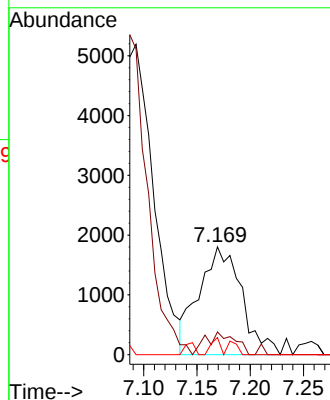
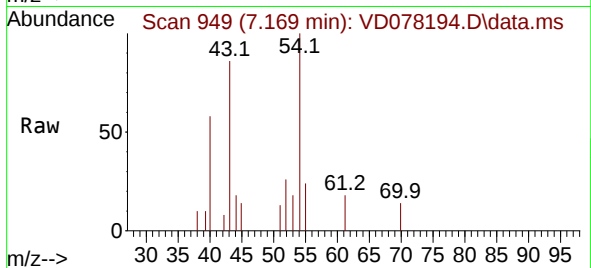
Tgt Ion: 43 Resp: 5009

Ion Ratio Lower Upper

43 100

61 14.3 14.9 22.3#

70 3.3 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.978 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

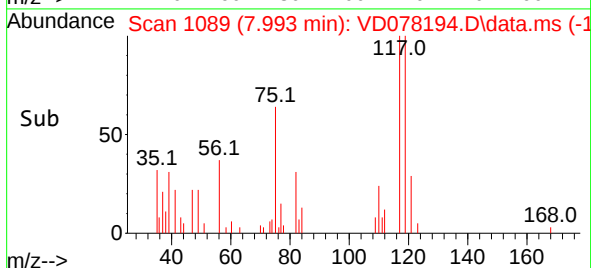
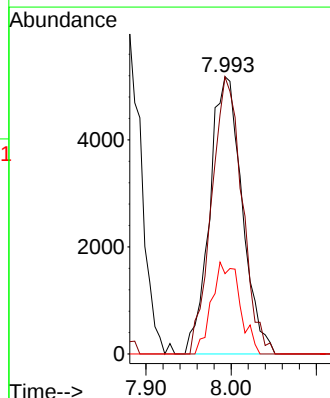
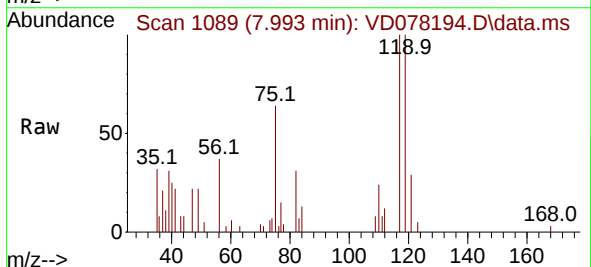
Tgt Ion: 117 Resp: 13682

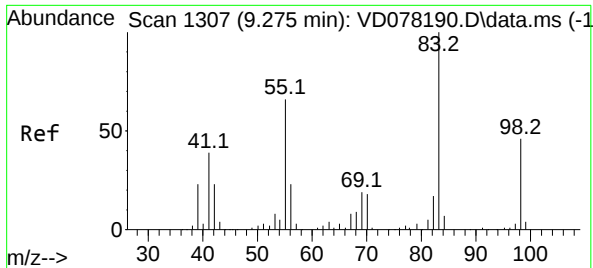
Ion Ratio Lower Upper

117 100

119 99.8 78.0 117.0

121 29.0 24.2 36.2





#39

Methylcyclohexane

Concen: 4.609 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

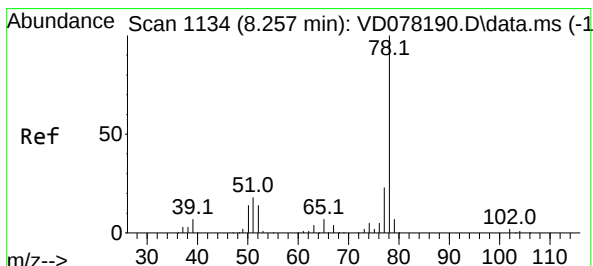
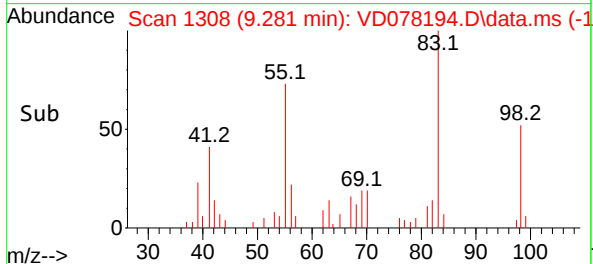
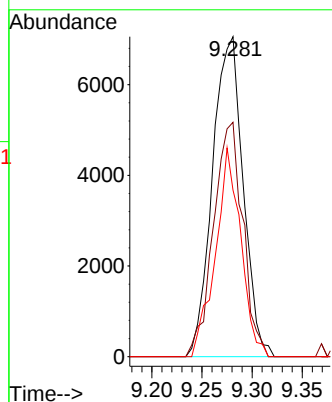
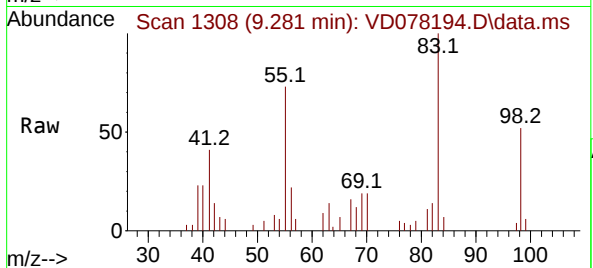
Tgt Ion: 83 Resp: 14971

Ion Ratio Lower Upper

83 100

55 73.3 49.4 74.0

98 52.0 38.4 57.6



#40

Benzene

Concen: 5.035 ug/l

RT: 8.257 min Scan# 1134

Delta R.T. 0.005 min

Lab File: VD078194.D

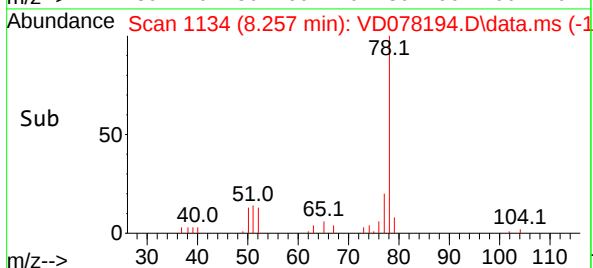
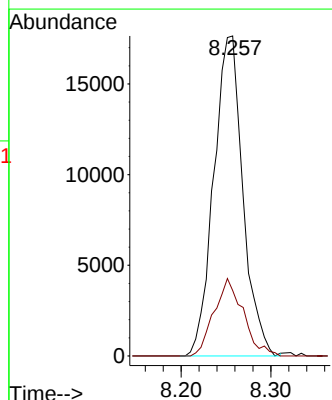
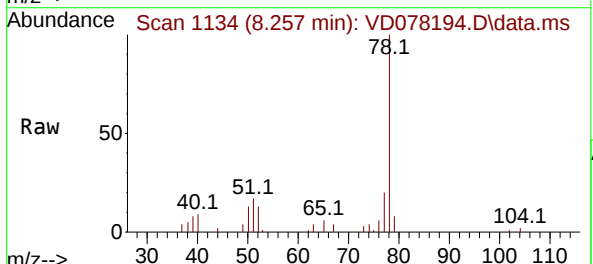
Acq: 22 Jan 2024 15:19

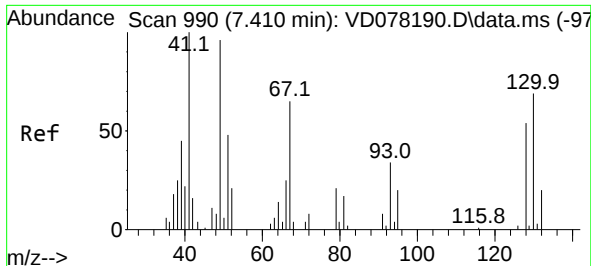
Tgt Ion: 78 Resp: 39770

Ion Ratio Lower Upper

78 100

77 20.5 19.4 29.0

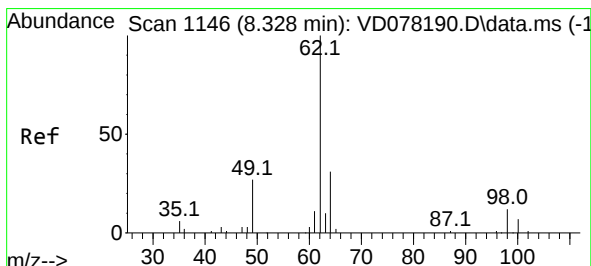
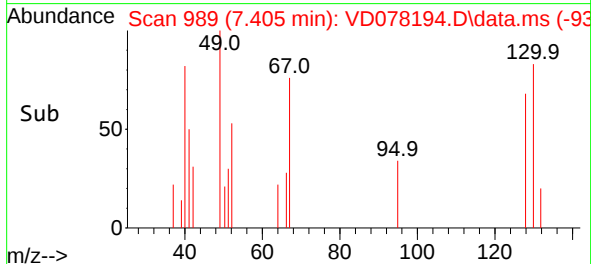
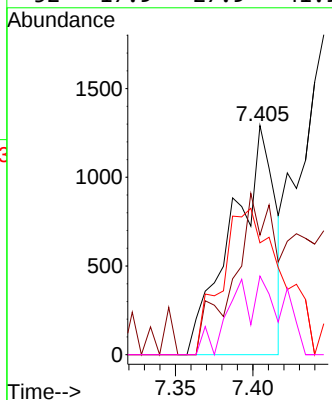
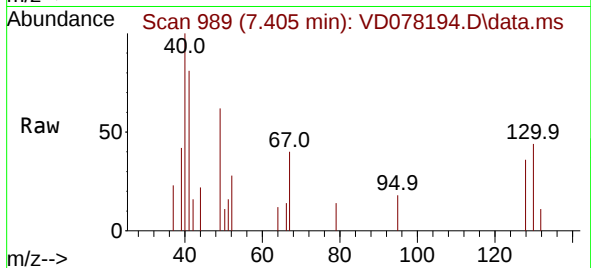




#41
Methacrylonitrile
Concen: 4.404 ug/l
RT: 7.405 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

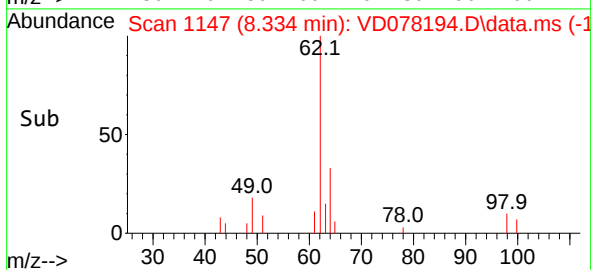
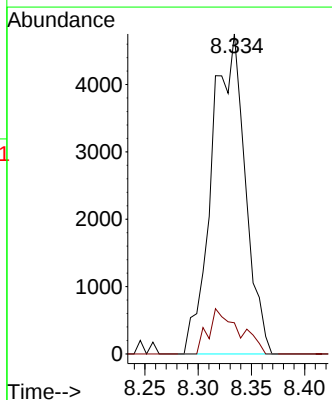
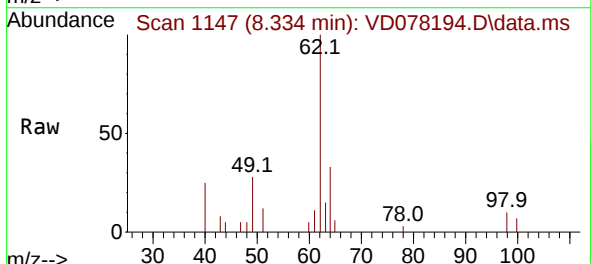
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

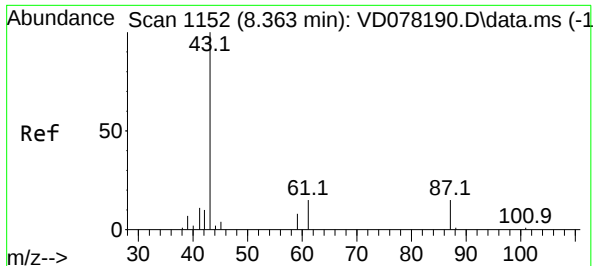
Tgt Ion: 41 Resp: 2482
Ion Ratio Lower Upper
41 100
39 75.6 34.0 51.0#
67 91.7 77.0 115.4
52 17.9 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 5.053 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 62 Resp: 10337
Ion Ratio Lower Upper
62 100
98 13.1 0.0 25.4





#43

Isopropyl Acetate

Concen: 4.683 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

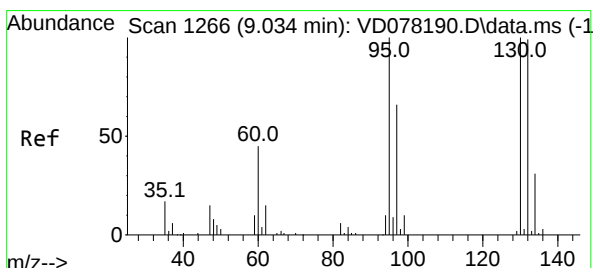
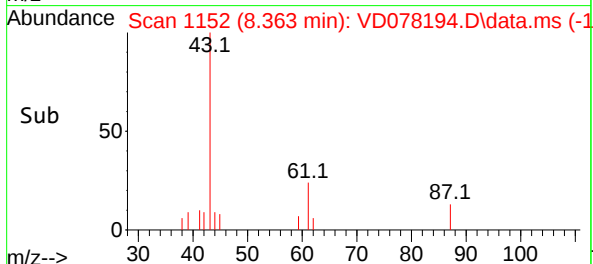
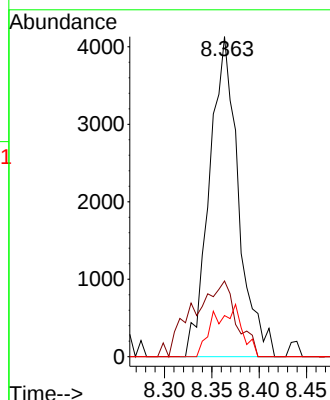
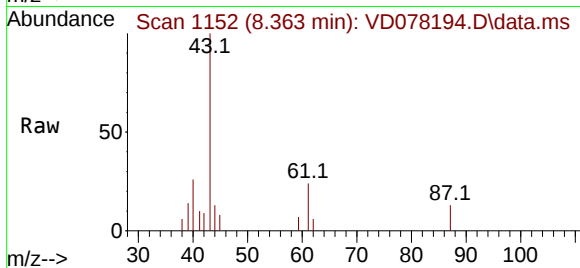
Tgt Ion: 43 Resp: 8793

Ion Ratio Lower Upper

43 100

61 35.6 31.4 47.0

87 15.8 14.9 22.3



#44

Trichloroethene

Concen: 5.174 ug/l

RT: 9.034 min Scan# 1266

Delta R.T. -0.000 min

Lab File: VD078194.D

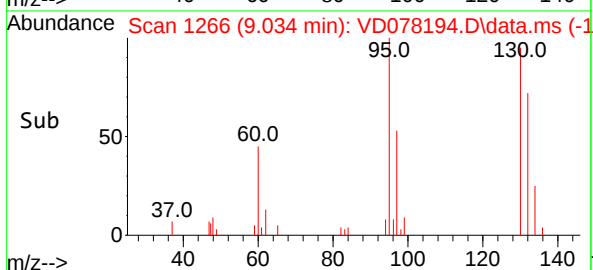
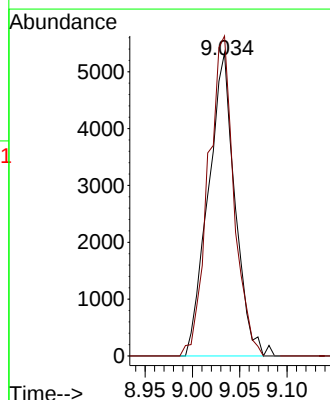
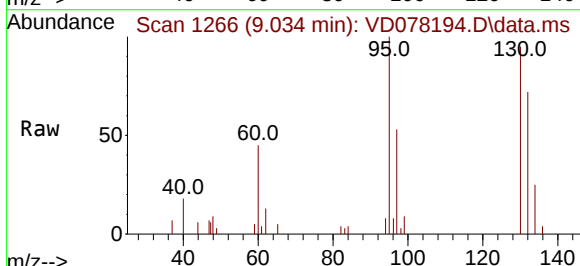
Acq: 22 Jan 2024 15:19

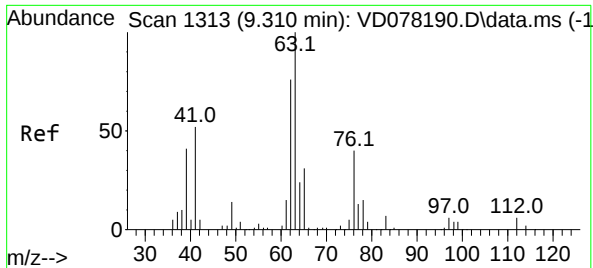
Tgt Ion:130 Resp: 10475

Ion Ratio Lower Upper

130 100

95 105.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.155 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

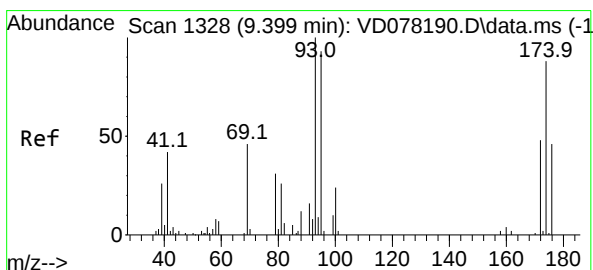
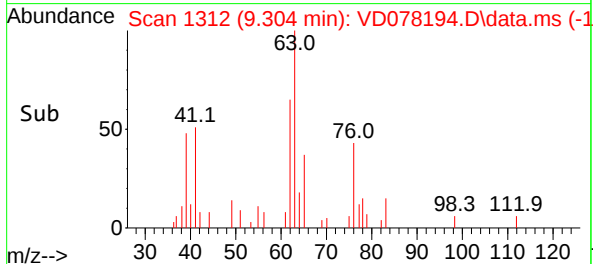
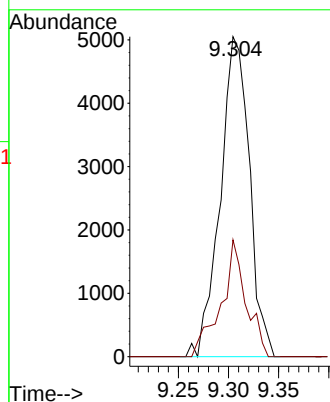
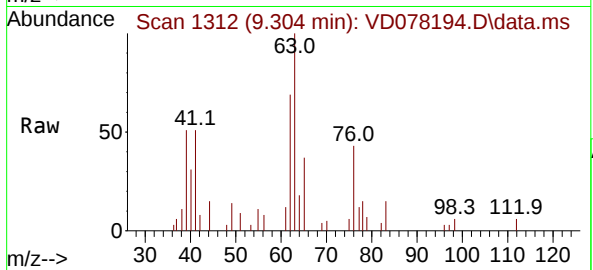
VSTDIC005

Tgt Ion: 63 Resp: 10201

Ion Ratio Lower Upper

63 100

65 36.5 24.5 36.7



#46

Dibromomethane

Concen: 5.170 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.011 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

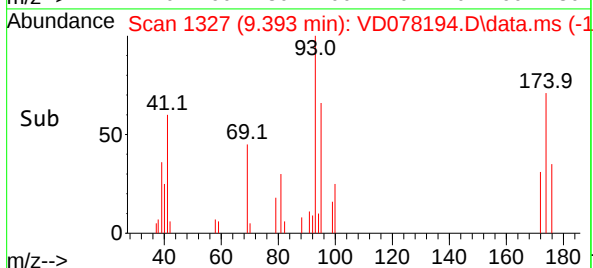
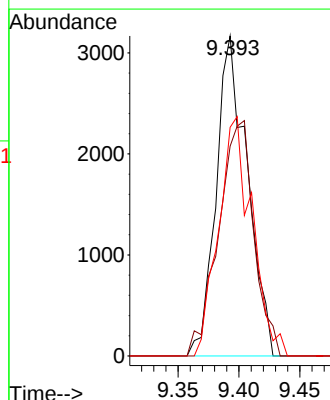
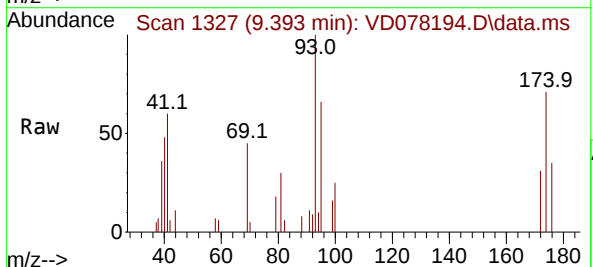
Tgt Ion: 93 Resp: 5630

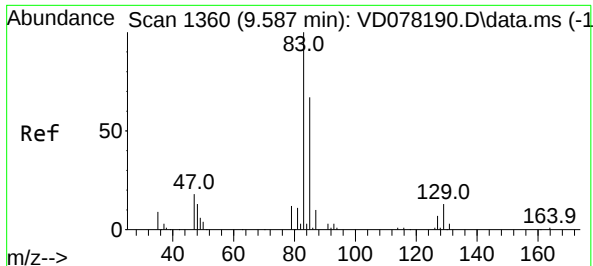
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 80.3 85.4 128.2#

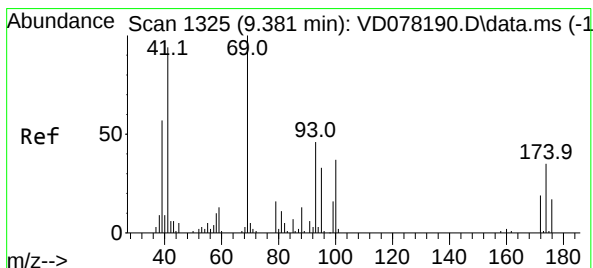
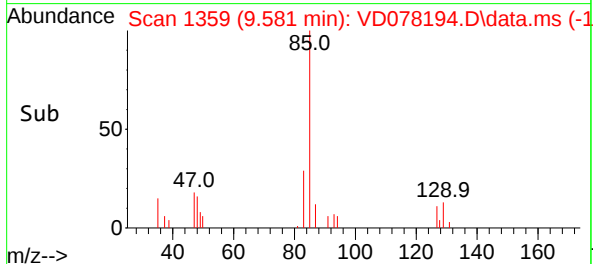
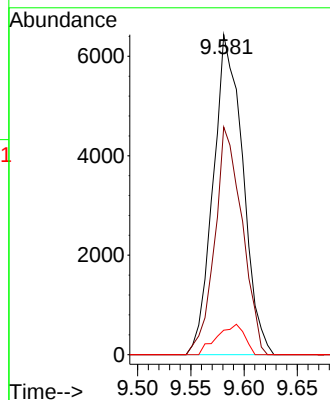
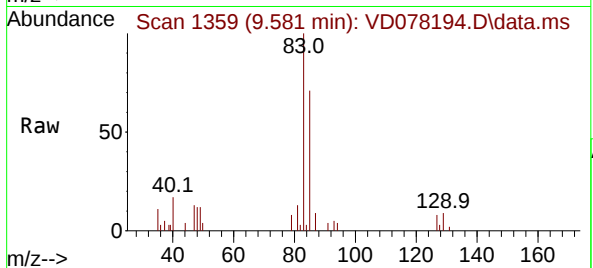




#47
Bromodichloromethane
Concen: 4.713 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

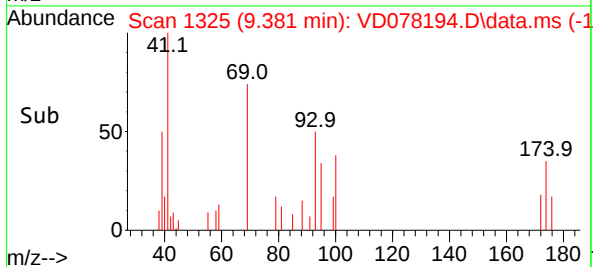
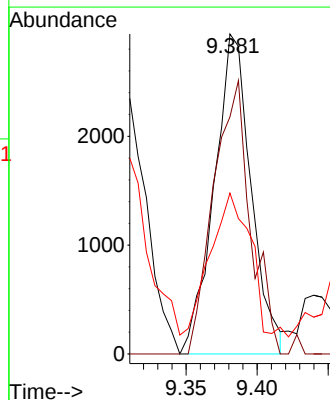
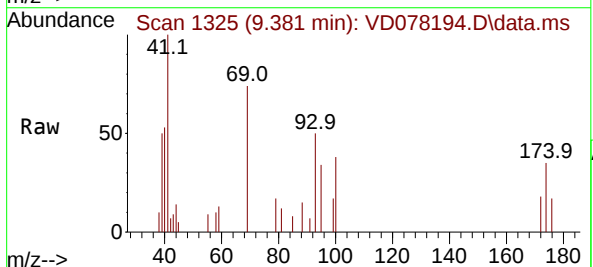
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

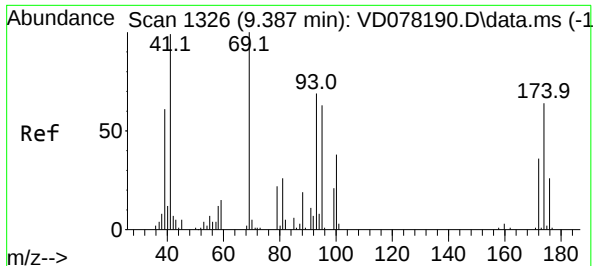
Tgt Ion: 83	Resp:	12439
Ion	Ratio	Lower Upper
83	100	
85	71.2	50.2 75.4
127	7.7	6.3 9.5



#48
Methyl methacrylate
Concen: 4.856 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 41	Resp:	5303
Ion	Ratio	Lower Upper
41	100	
69	85.7	102.2 153.2#
39	59.9	41.4 62.2





#49

1,4-Dioxane

Concen: 122.940 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

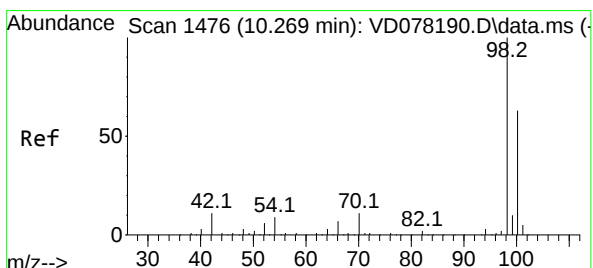
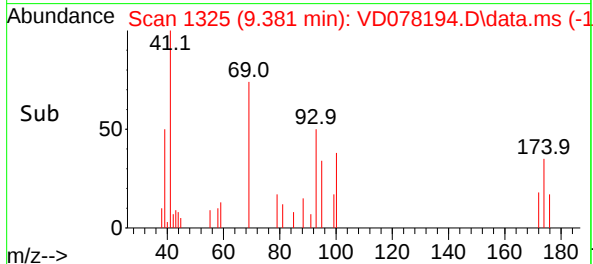
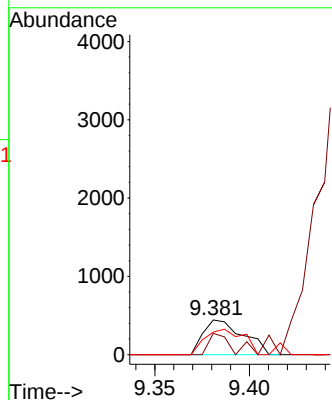
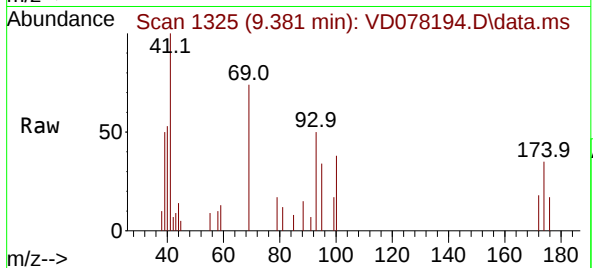
Tgt Ion: 88 Resp: 646

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 70.6 43.5 65.3#



#50

Toluene-d8

Concen: 4.942 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.006 min

Lab File: VD078194.D

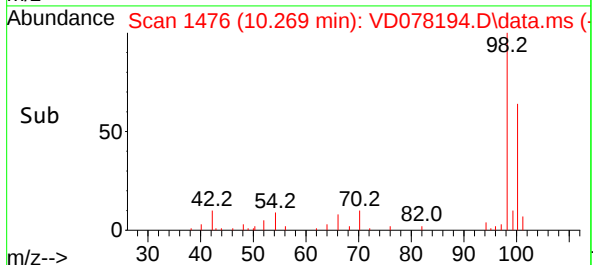
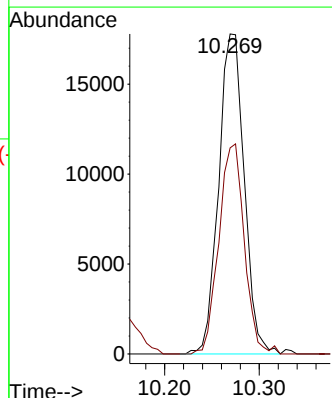
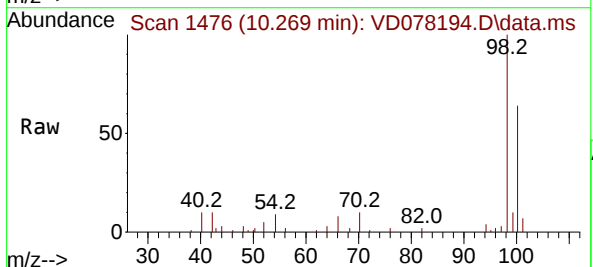
Acq: 22 Jan 2024 15:19

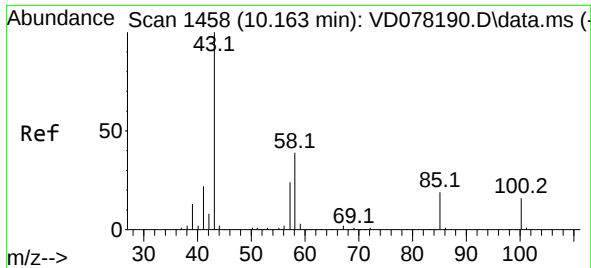
Tgt Ion: 98 Resp: 33409

Ion Ratio Lower Upper

98 100

100 65.4 50.3 75.5

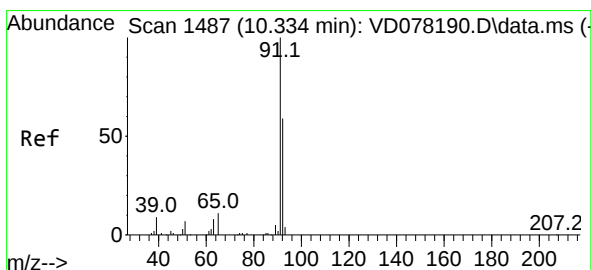
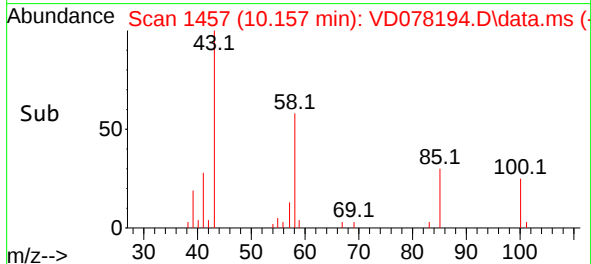
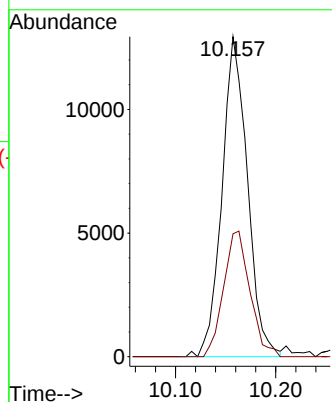
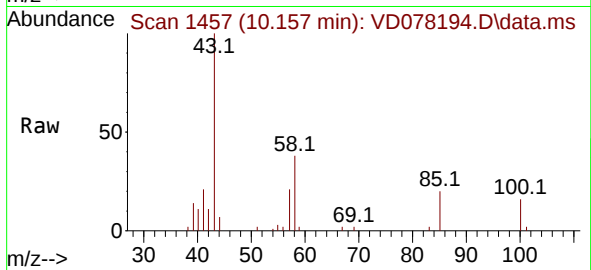




#51
4-Methyl-2-Pentanone
Concen: 23.125 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

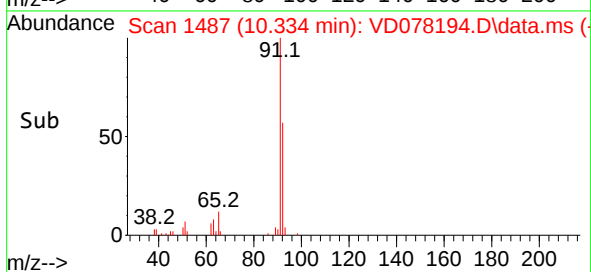
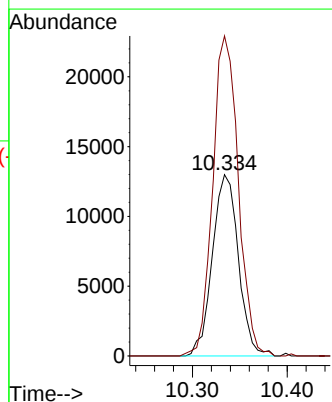
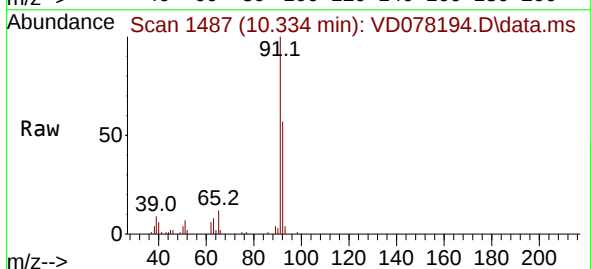
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

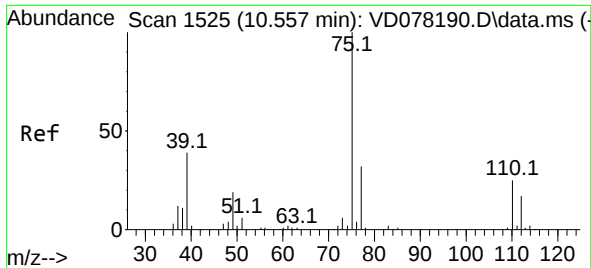
Tgt Ion: 43 Resp: 22786
Ion Ratio Lower Upper
43 100
58 40.6 38.9 58.3



#52
Toluene
Concen: 4.952 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 92 Resp: 24798
Ion Ratio Lower Upper
92 100
91 173.3 143.0 214.4

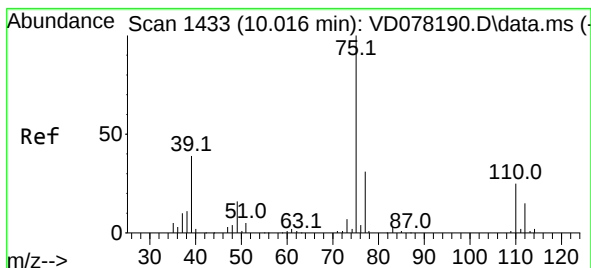
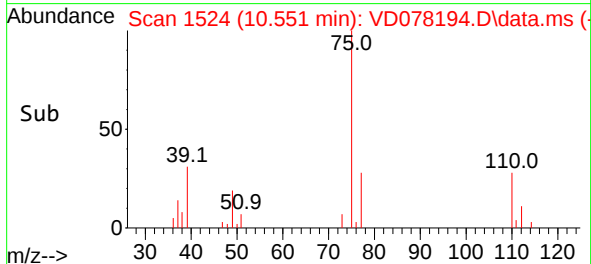
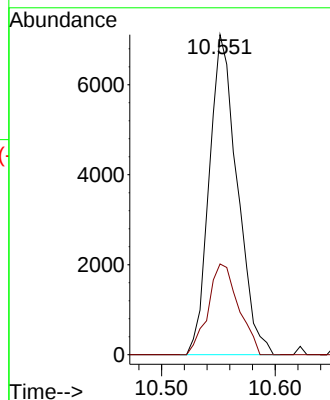
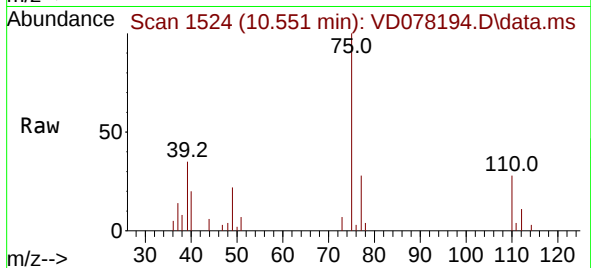




#53
t-1,3-Dichloropropene
Concen: 4.866 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

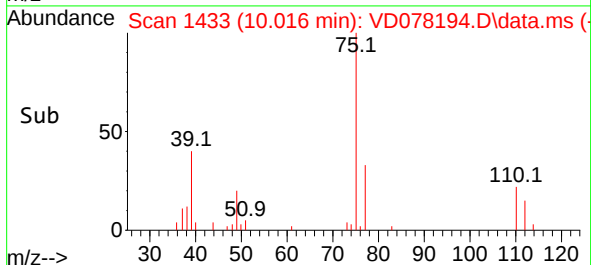
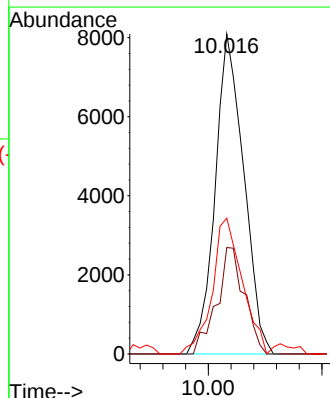
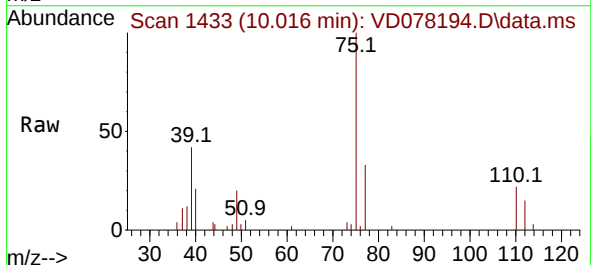
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

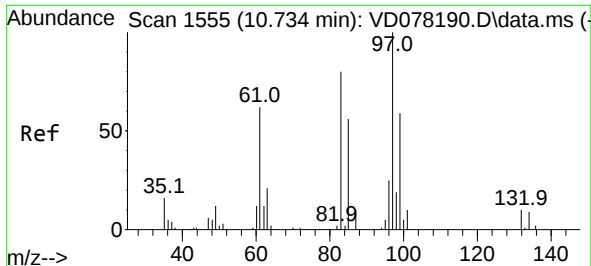
Tgt Ion: 75 Resp: 12189
Ion Ratio Lower Upper
75 100
77 28.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.713 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 75 Resp: 14162
Ion Ratio Lower Upper
75 100
77 33.2 25.5 38.3
39 42.4 22.1 33.1#

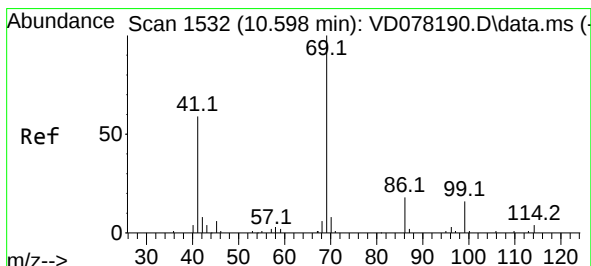
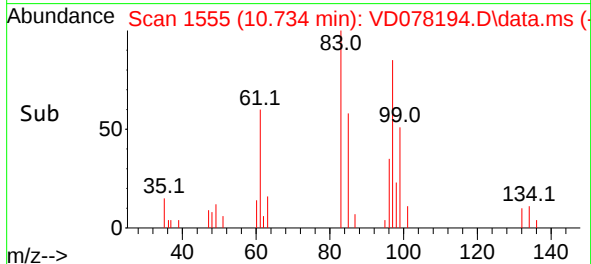
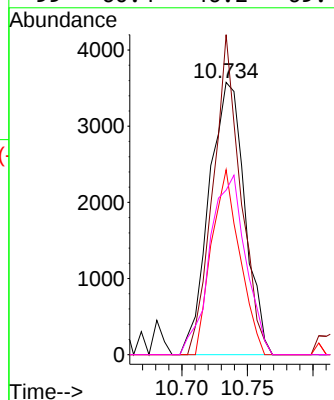
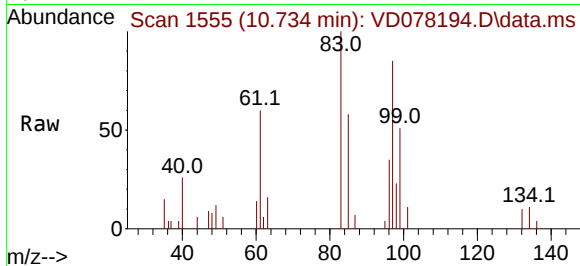




#55
1,1,2-Trichloroethane
Concen: 4.820 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

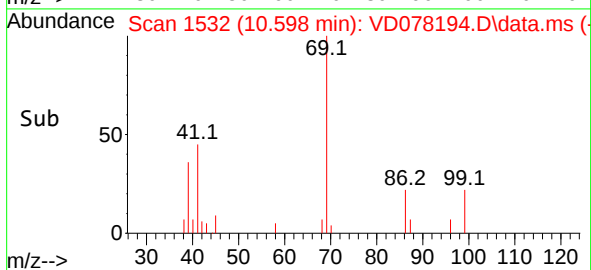
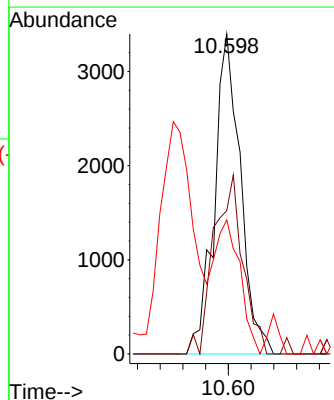
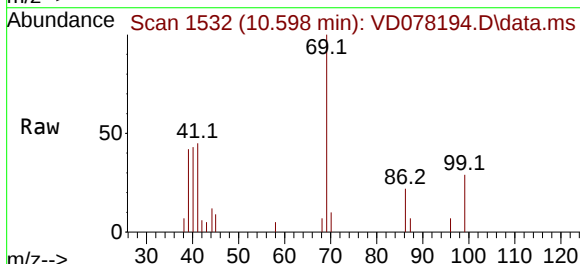
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

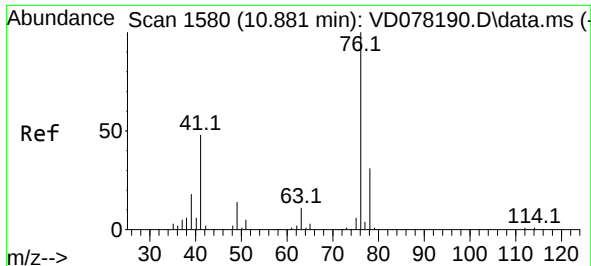
Tgt Ion:	97	Resp:	6799
Ion	Ratio	Lower	Upper
97	100		
83	117.5	65.8	98.6#
85	67.9	45.7	68.5
99	60.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 4.558 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:	69	Resp:	5412
Ion	Ratio	Lower	Upper
69	100		
41	62.2	39.1	58.7#
39	41.4	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 4.935 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

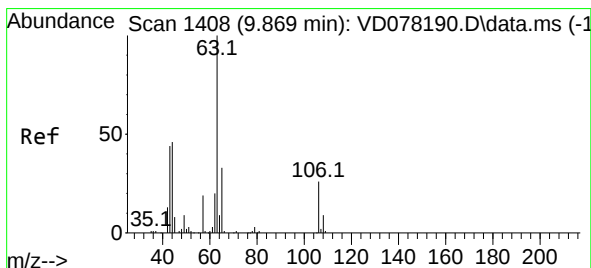
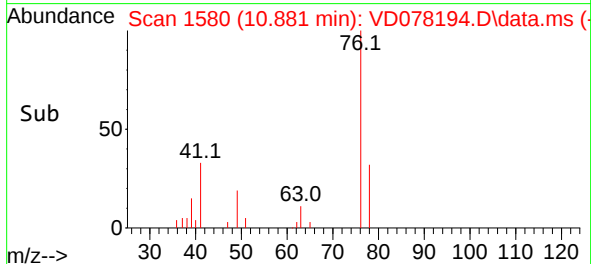
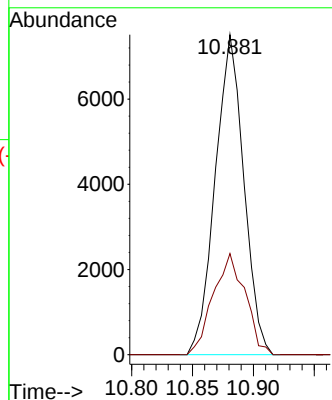
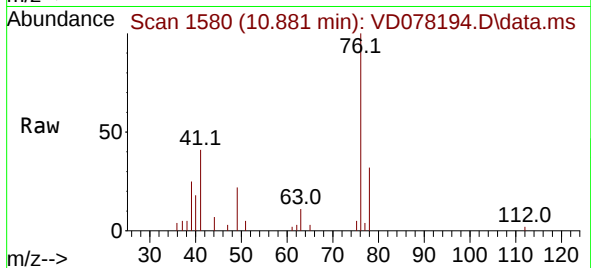
VSTDIC005

Tgt Ion: 76 Resp: 12257

Ion Ratio Lower Upper

76 100

78 35.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.332 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.006 min

Lab File: VD078194.D

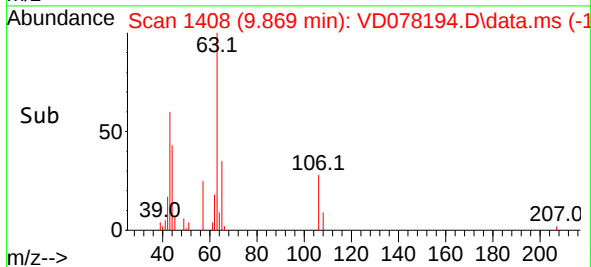
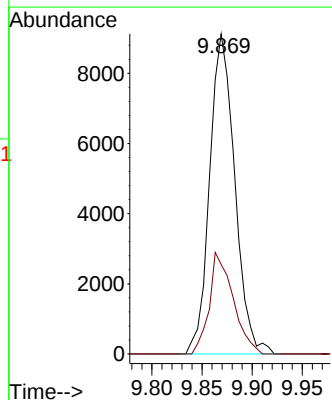
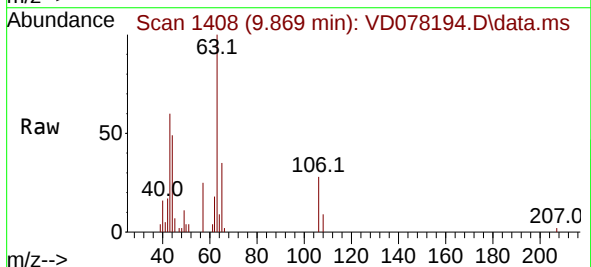
Acq: 22 Jan 2024 15:19

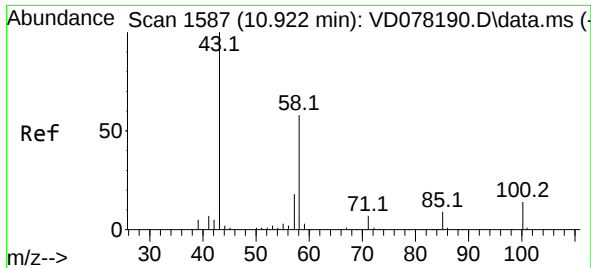
Tgt Ion: 63 Resp: 15903

Ion Ratio Lower Upper

63 100

106 30.1 25.3 37.9

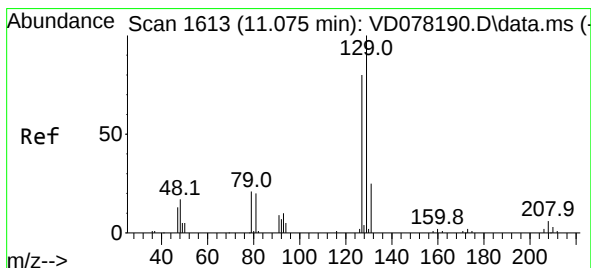
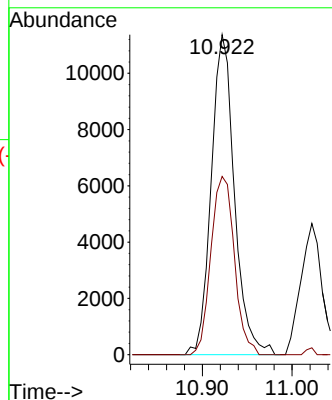
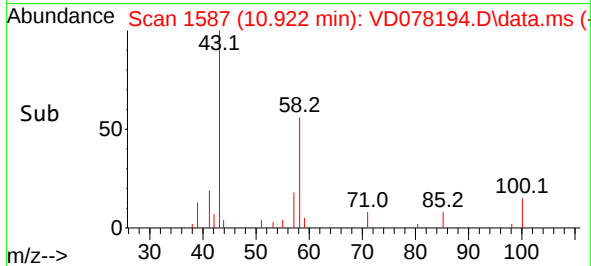
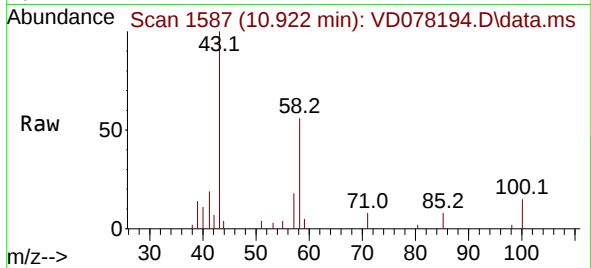




#59
2-Hexanone
Concen: 25.246 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

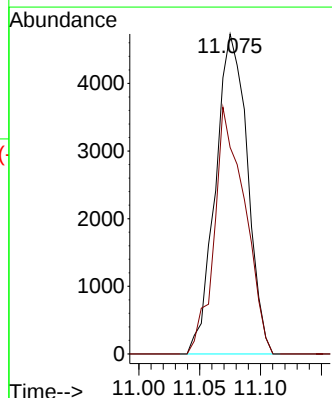
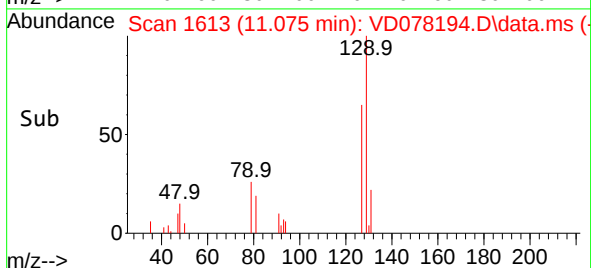
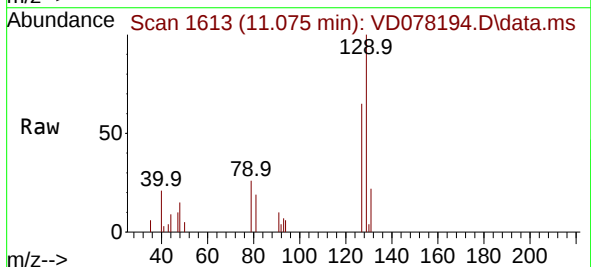
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

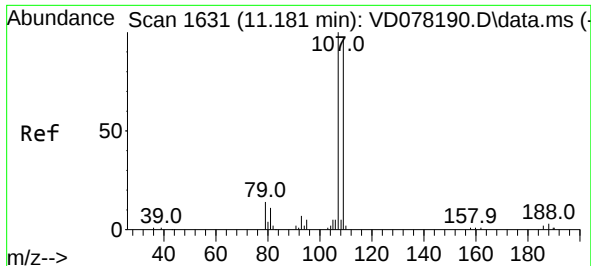
Tgt Ion: 43 Resp: 20384
Ion Ratio Lower Upper
43 100
58 56.5 34.1 102.2



#60
Dibromochloromethane
Concen: 5.049 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:129 Resp: 8615
Ion Ratio Lower Upper
129 100
127 74.0 37.1 111.5

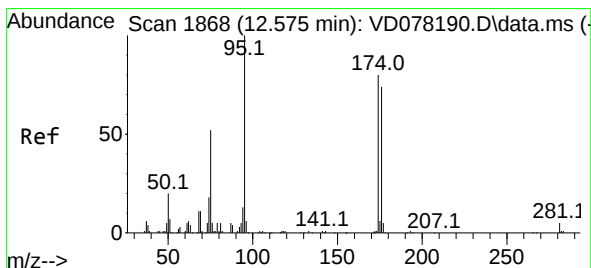
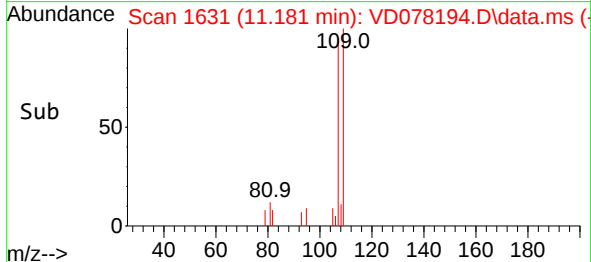
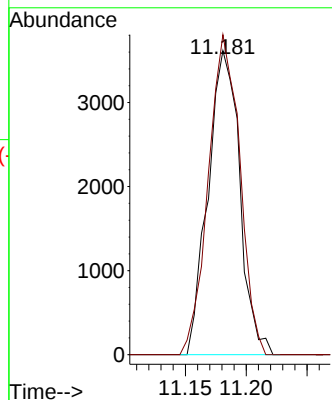
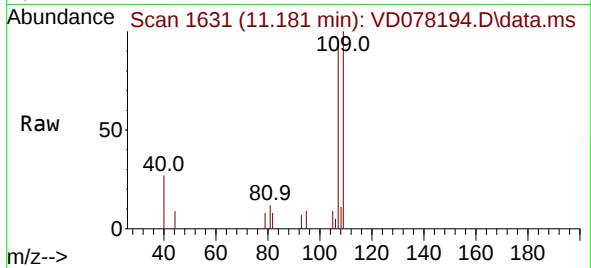




#61
1,2-Dibromoethane
Concen: 4.905 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

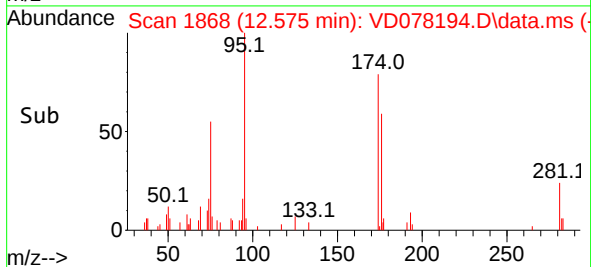
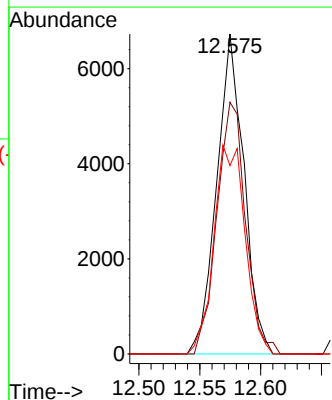
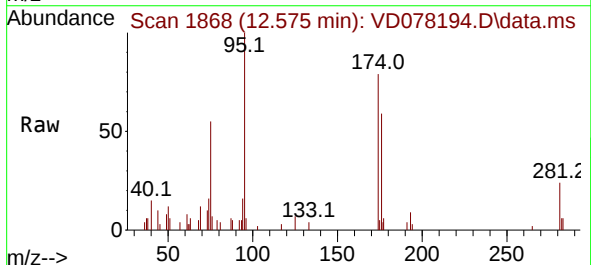
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

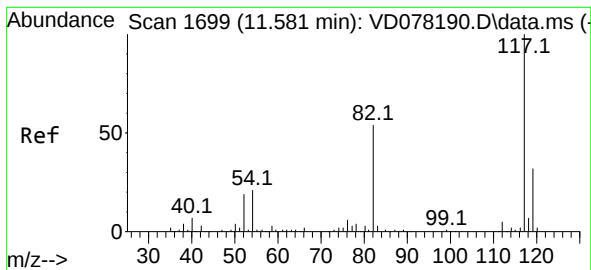
Tgt Ion:107 Resp: 6538
Ion Ratio Lower Upper
107 100
109 104.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 5.285 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 95 Resp: 10468
Ion Ratio Lower Upper
95 100
174 83.0 0.0 201.8
176 74.8 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: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

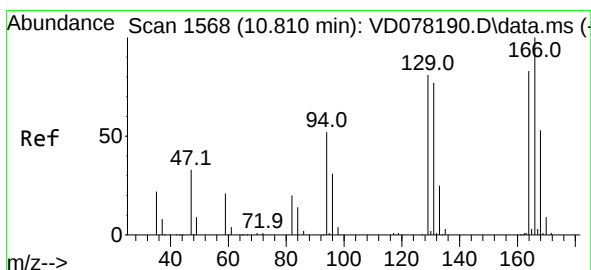
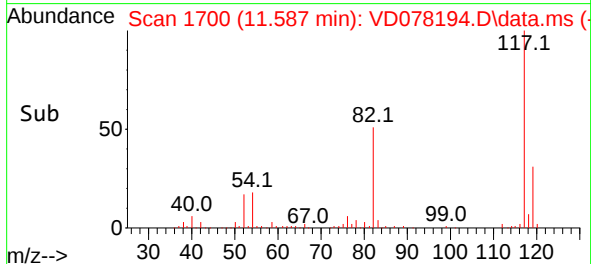
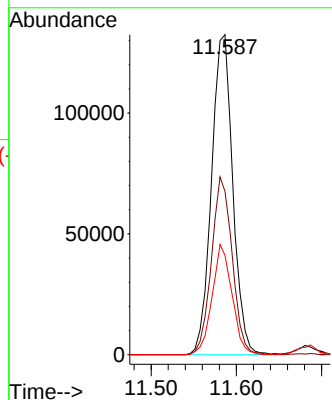
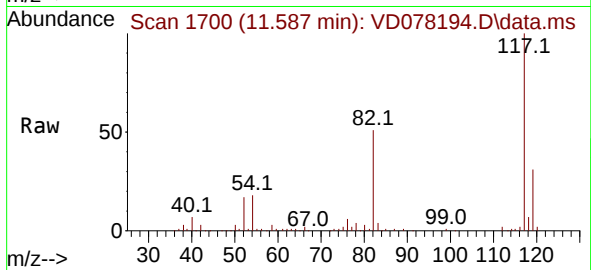
Tgt Ion:117 Resp: 229870

Ion Ratio Lower Upper

117 100

82 51.0 38.3 57.5

119 31.0 25.0 37.4



#64

Tetrachloroethene

Concen: 5.021 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Tgt Ion:164 Resp: 7510

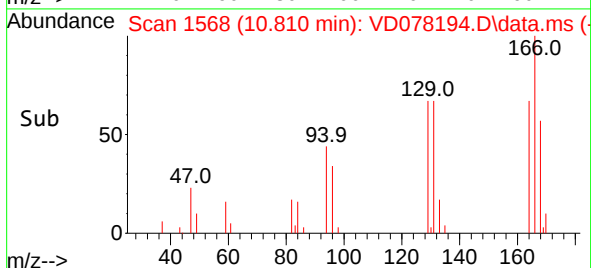
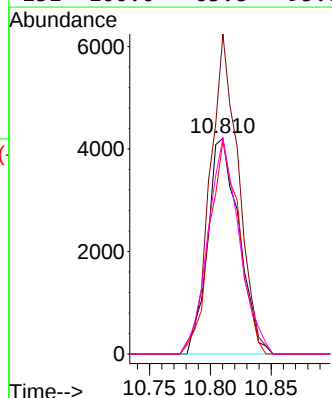
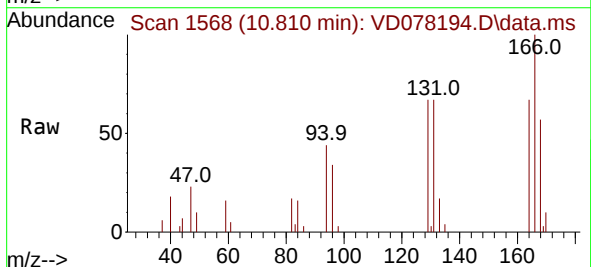
Ion Ratio Lower Upper

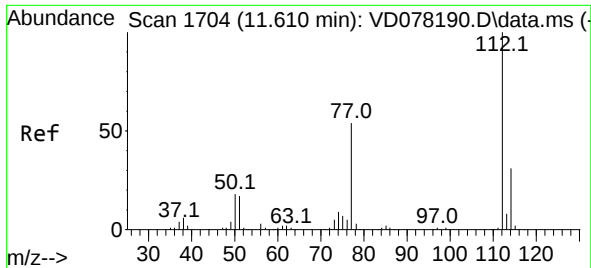
164 100

166 148.4 99.2 148.8

129 98.9 68.4 102.6

131 100.0 63.8 95.8#

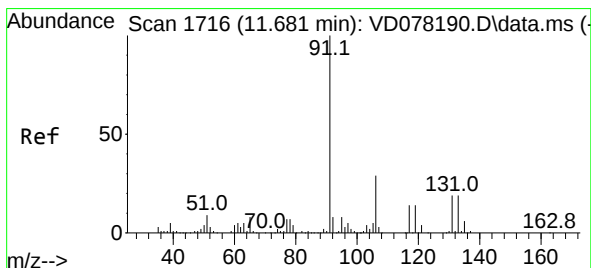
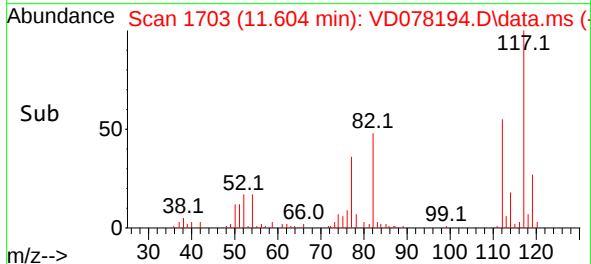
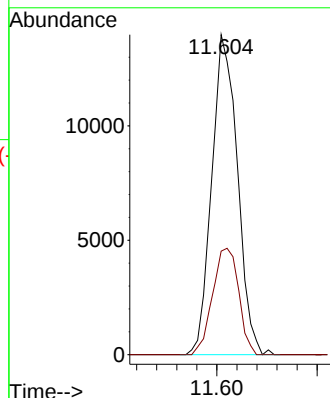
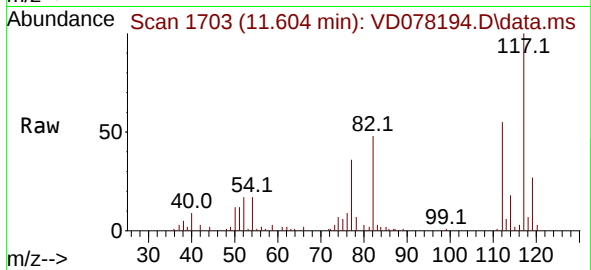




#65
Chlorobenzene
Concen: 4.917 ug/l
RT: 11.604 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

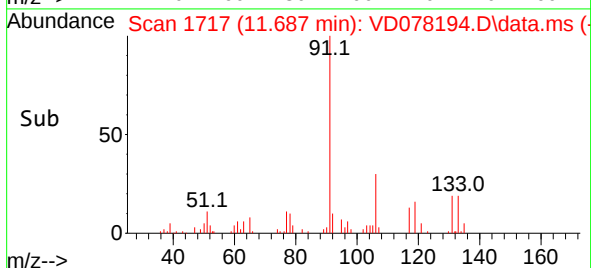
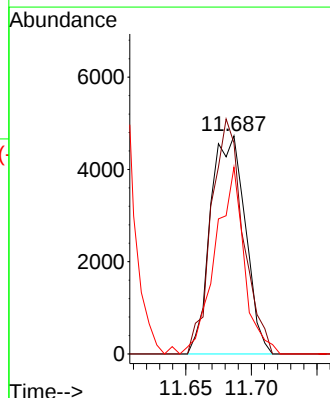
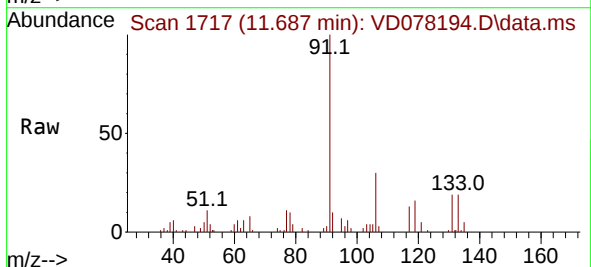
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

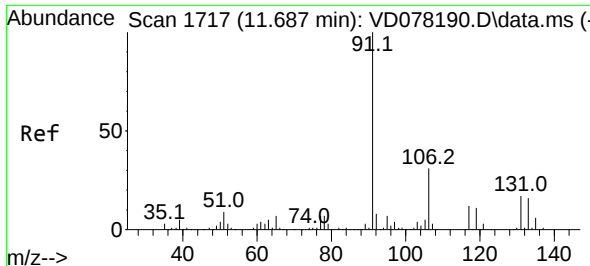
Tgt Ion:112 Resp: 24822
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.811 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:131 Resp: 8719
Ion Ratio Lower Upper
131 100
133 98.1 48.5 145.5
119 71.1 35.6 106.9

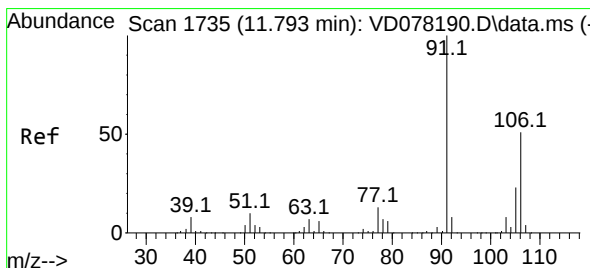
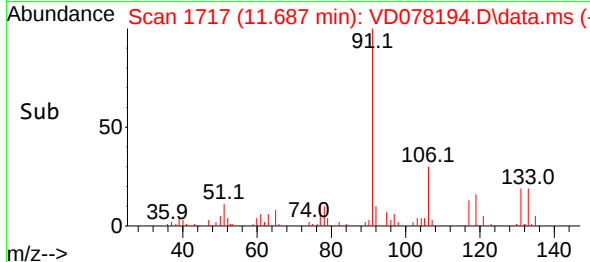
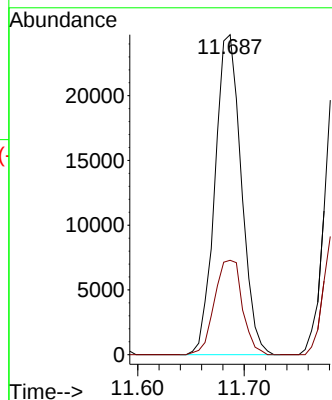
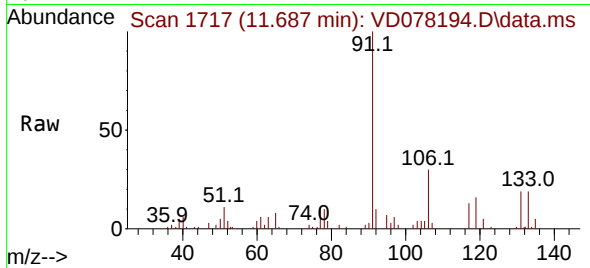




#67
Ethyl Benzene
Concen: 4.620 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

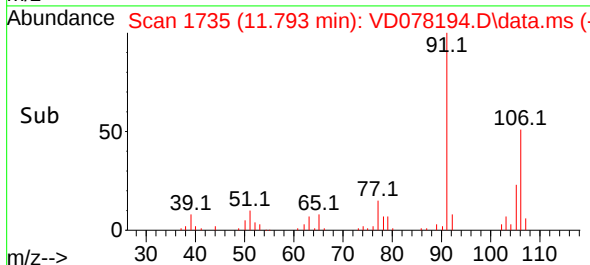
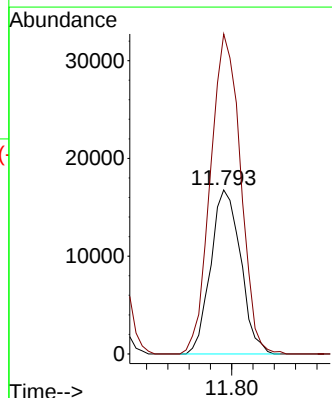
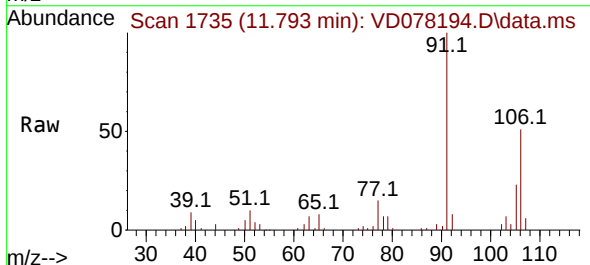
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

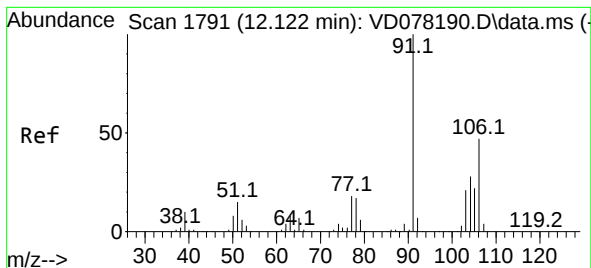
Tgt Ion: 91 Resp: 42473
Ion Ratio Lower Upper
91 100
106 29.5 26.5 39.7



#68
m/p-Xylenes
Concen: 9.328 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 106 Resp: 32728
Ion Ratio Lower Upper
106 100
91 196.2 147.0 220.6





#69

o-Xylene

Concen: 4.457 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

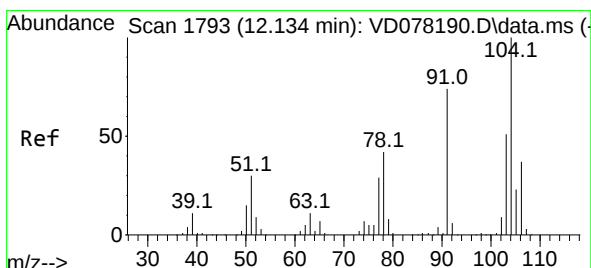
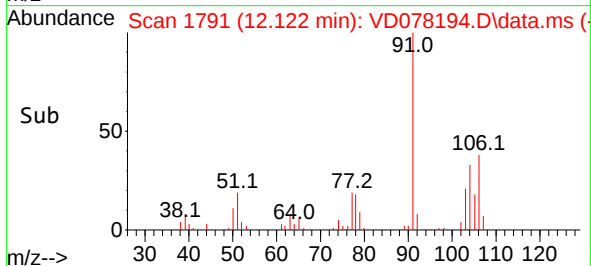
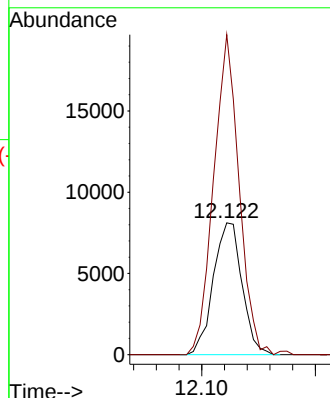
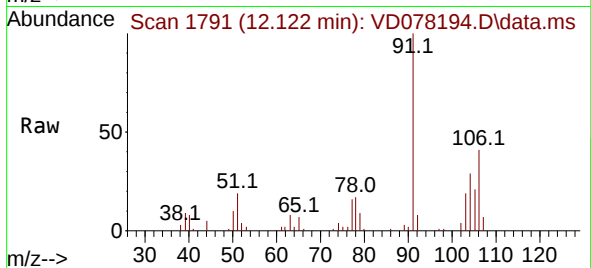
VSTDIC005

Tgt Ion:106 Resp: 14224

Ion Ratio Lower Upper

106 100

91 215.7 97.9 293.6



#70

Styrene

Concen: 4.465 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

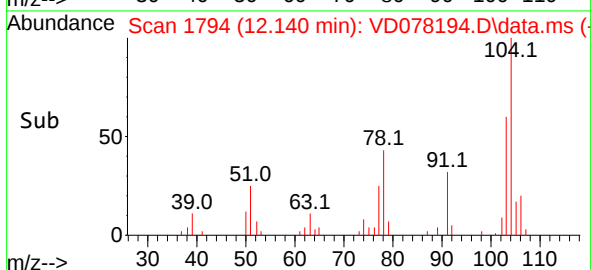
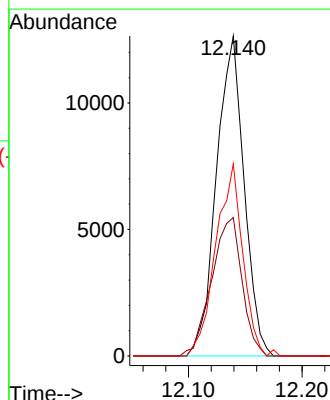
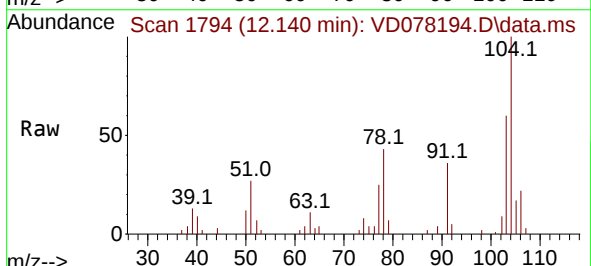
Tgt Ion:104 Resp: 21377

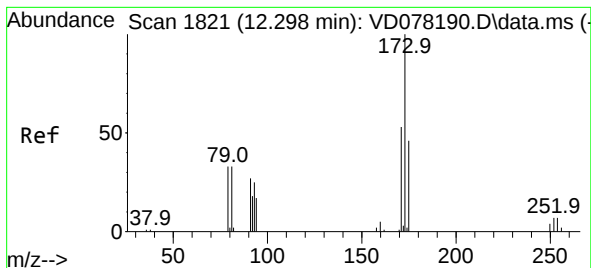
Ion Ratio Lower Upper

104 100

78 47.6 33.2 49.8

103 58.8 43.6 65.4





#71

Bromoform

Concen: 4.439 ug/l

RT: 12.304 min Scan# 1821

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

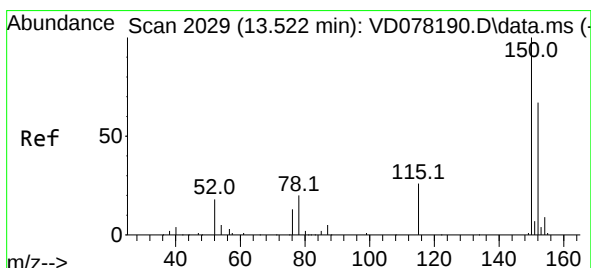
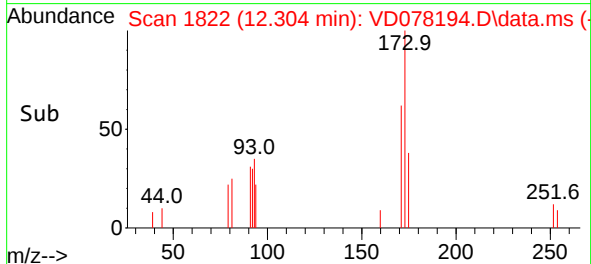
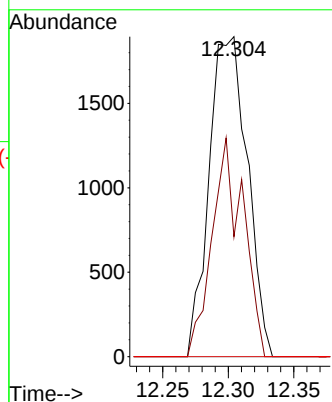
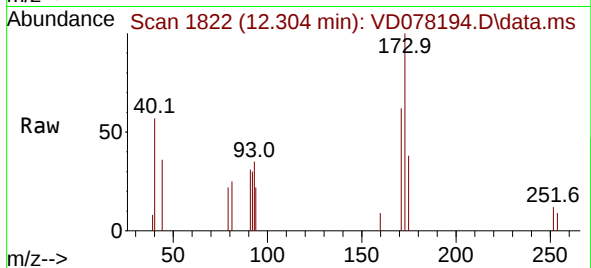
Tgt Ion:173 Resp: 3851

Ion Ratio Lower Upper

173 100

175 55.6 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: VD078194.D

Acq: 22 Jan 2024 15:19

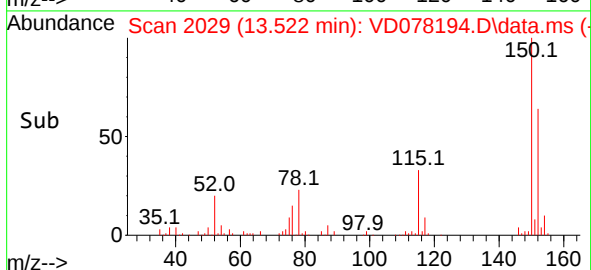
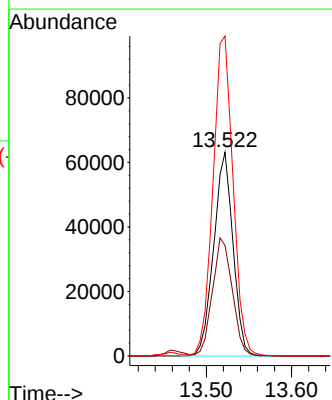
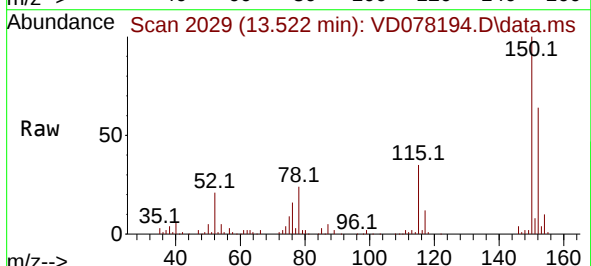
Tgt Ion:152 Resp: 99633

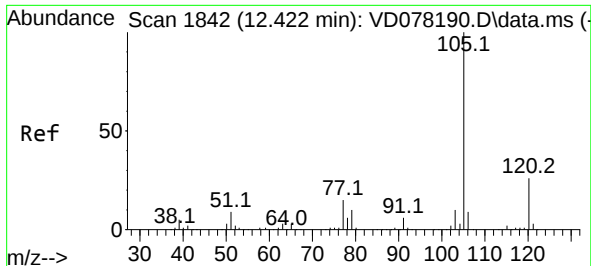
Ion Ratio Lower Upper

152 100

115 59.4 27.1 81.3

150 162.9 0.0 353.6

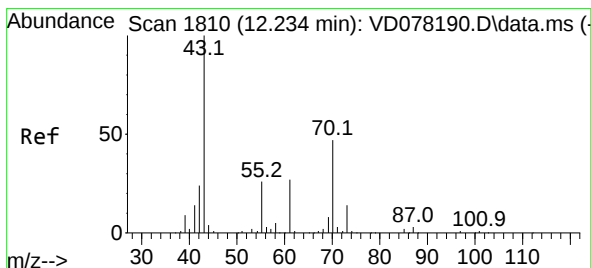
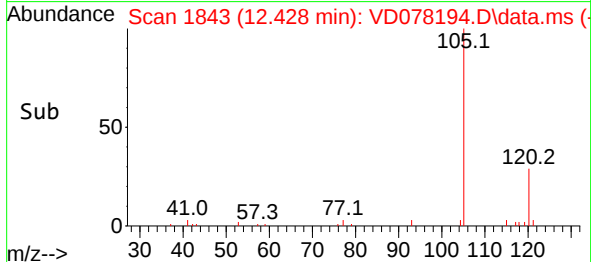
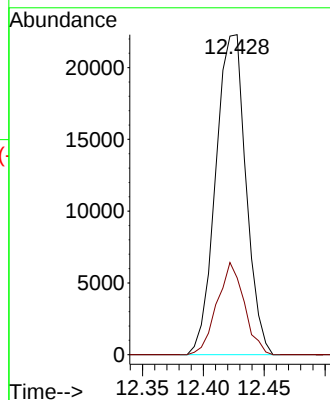
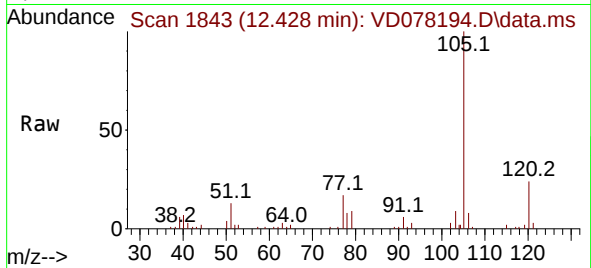




#73
Isopropylbenzene
Concen: 4.924 ug/l
RT: 12.428 min Scan# 1842
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

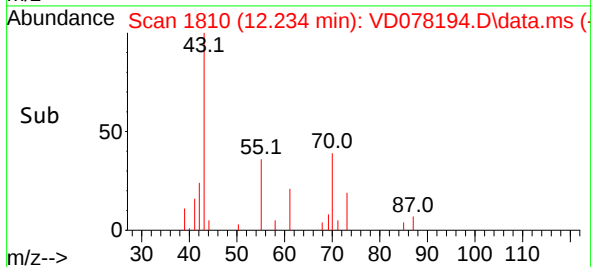
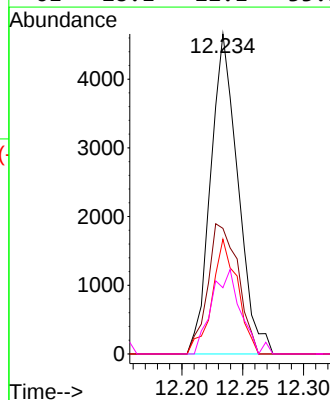
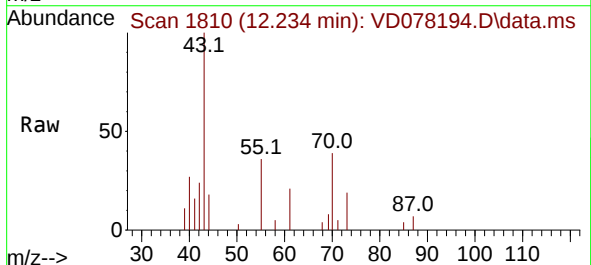
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

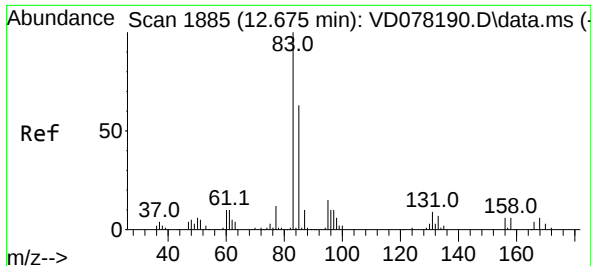
Tgt Ion:105 Resp: 38560
Ion Ratio Lower Upper
105 100
120 25.9 14.3 42.9



#74
N-ethyl acetate
Concen: 4.893 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 43 Resp: 7260
Ion Ratio Lower Upper
43 100
70 45.3 45.0 67.4
55 33.4 23.8 35.6
61 28.1 22.1 33.1

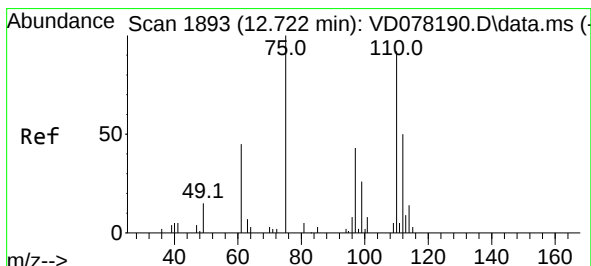
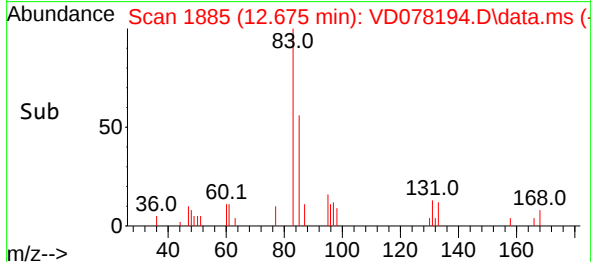
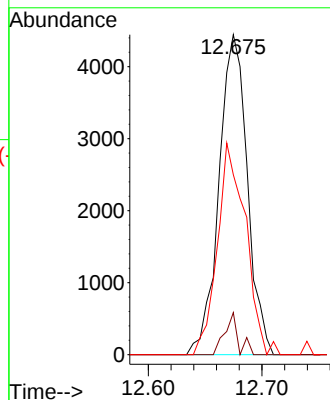
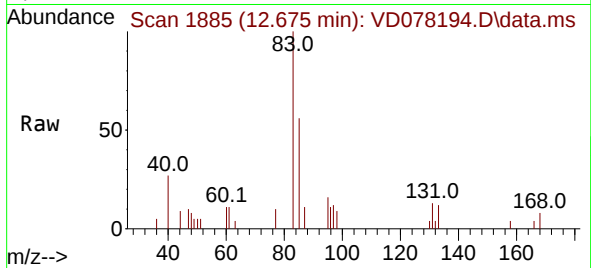




#75
1,1,2,2-Tetrachloroethane
Concen: 5.332 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

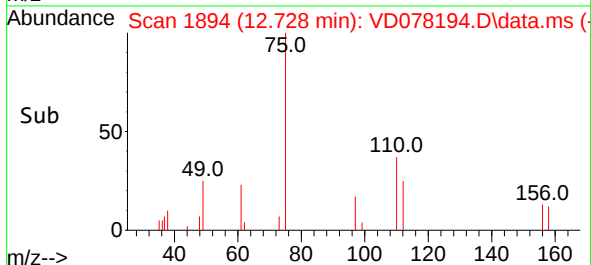
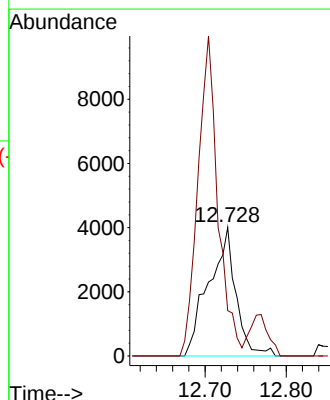
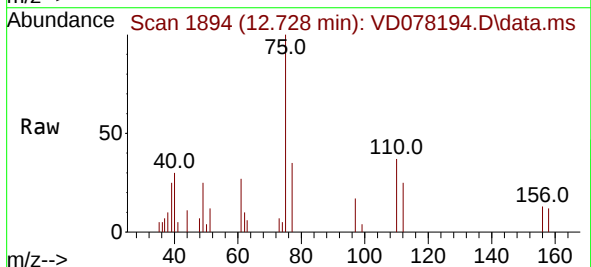
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

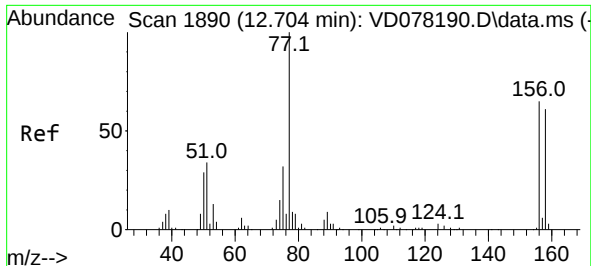
Tgt Ion: 83 Resp: 7717
Ion Ratio Lower Upper
83 100
131 6.3 5.1 15.3
85 65.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 5.784 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 75 Resp: 9295
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

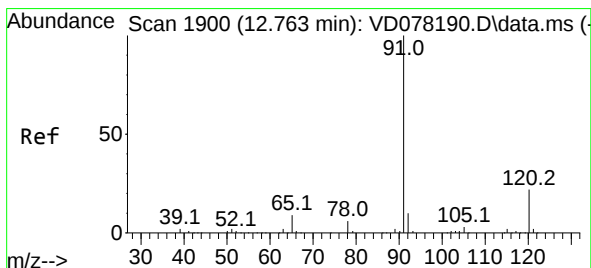
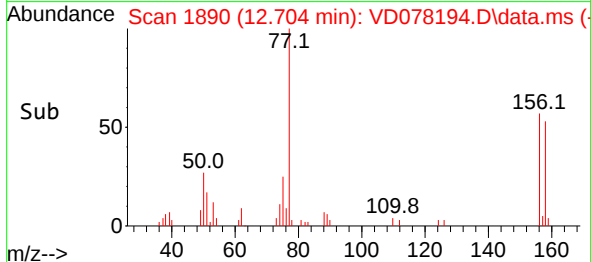
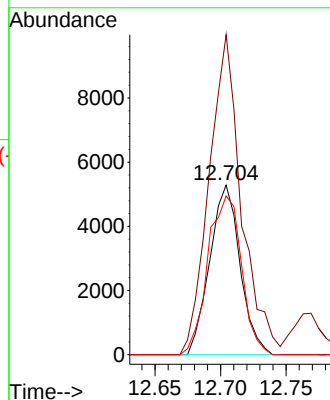
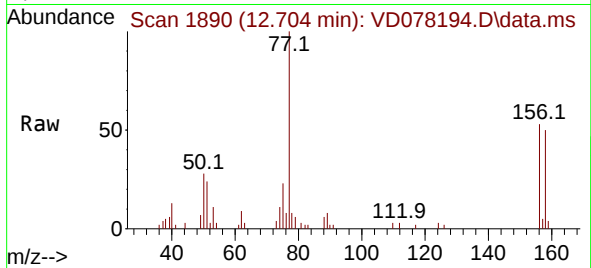




#77
Bromobenzene
Concen: 4.958 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

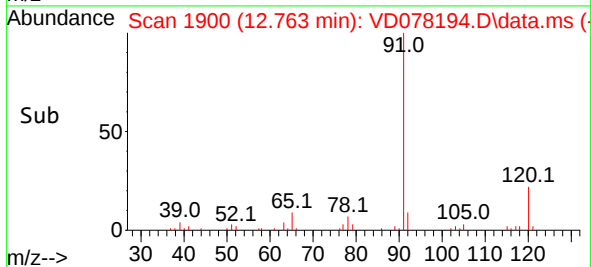
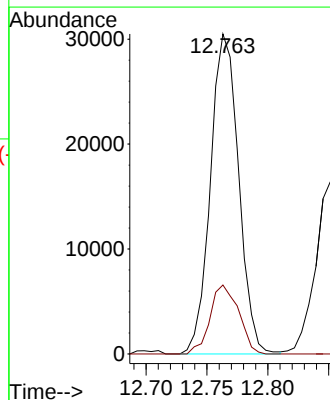
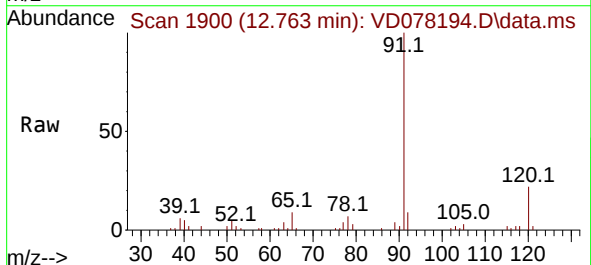
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

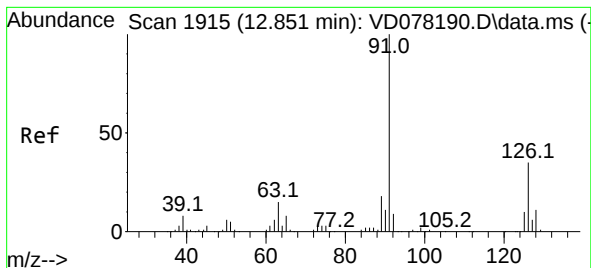
Tgt Ion:156 Resp: 8491
Ion Ratio Lower Upper
156 100
77 201.6 76.8 230.4
158 103.6 48.6 145.9



#78
n-propylbenzene
Concen: 5.047 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 91 Resp: 49224
Ion Ratio Lower Upper
91 100
120 21.8 12.4 37.2





#79

2-Chlorotoluene

Concen: 5.169 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

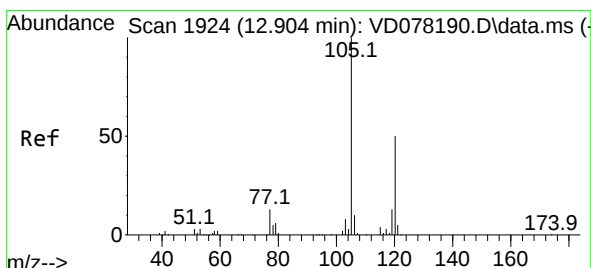
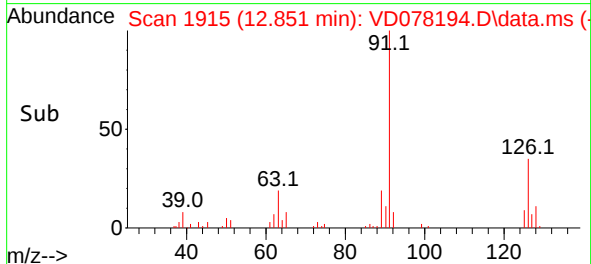
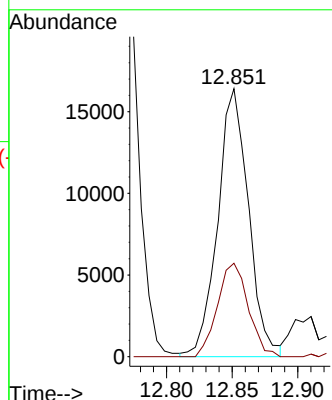
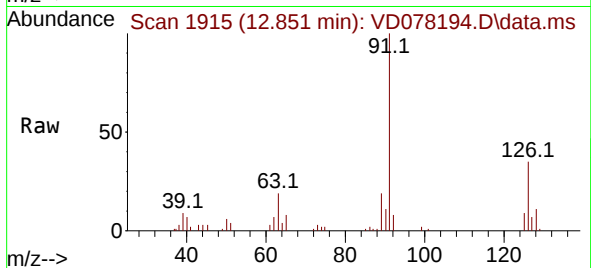
VSTDICC005

Tgt Ion: 91 Resp: 26785

Ion Ratio Lower Upper

91 100

126 34.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 4.723 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078194.D

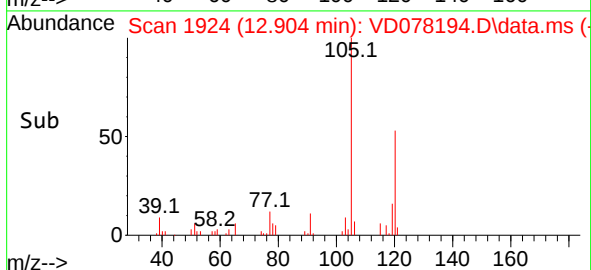
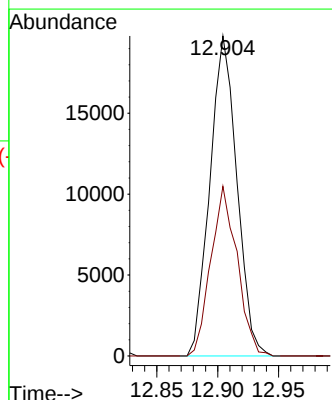
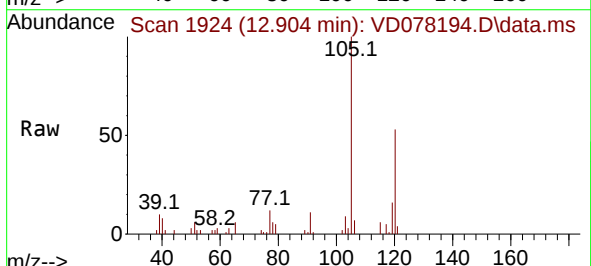
Acq: 22 Jan 2024 15:19

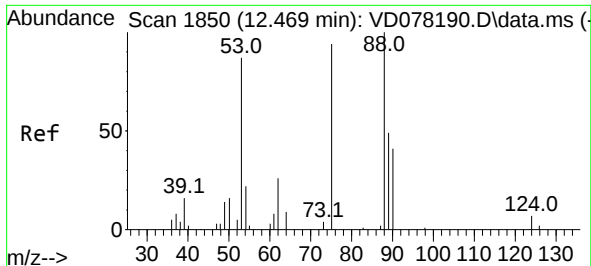
Tgt Ion: 105 Resp: 30521

Ion Ratio Lower Upper

105 100

120 51.6 26.4 79.2

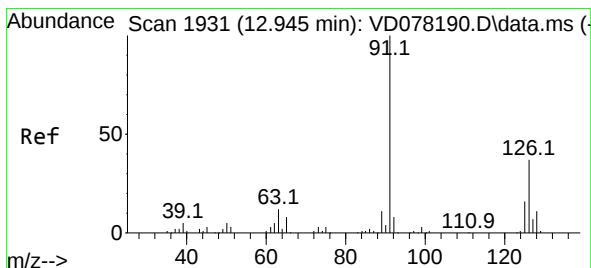
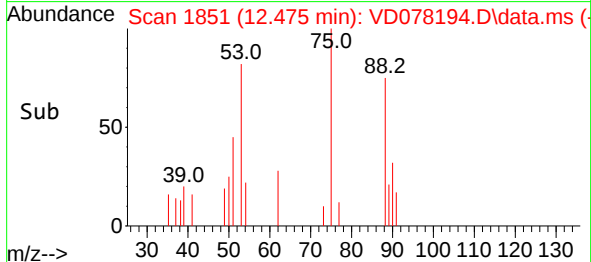
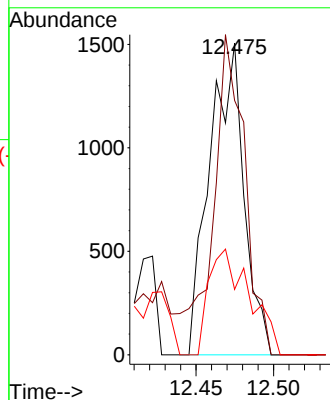
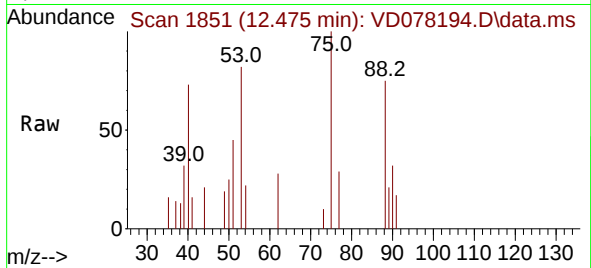




#81
trans-1,4-Dichloro-2-butene
Concen: 5.203 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

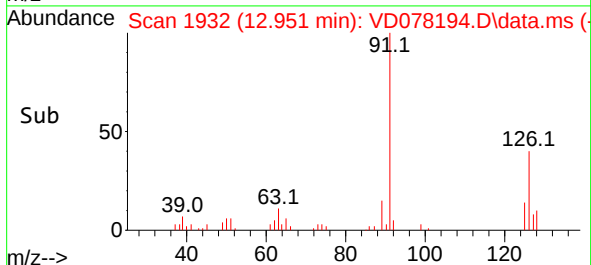
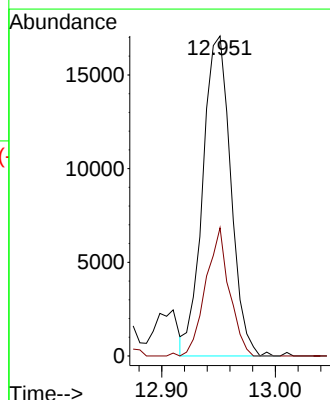
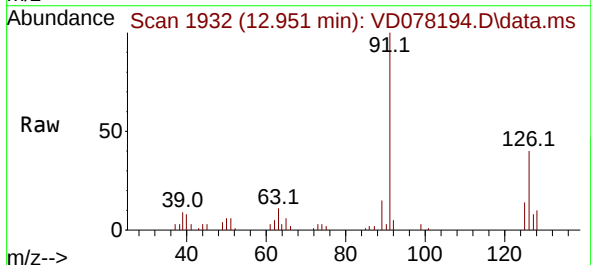
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

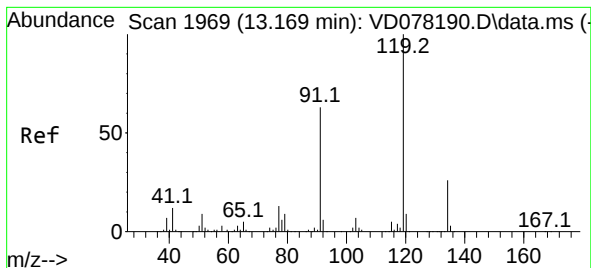
Tgt Ion: 75 Resp: 2324
Ion Ratio Lower Upper
75 100
53 93.0 63.0 94.4
89 40.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.324 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion: 91 Resp: 29194
Ion Ratio Lower Upper
91 100
126 33.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.761 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

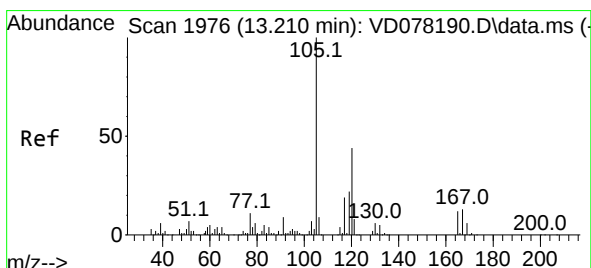
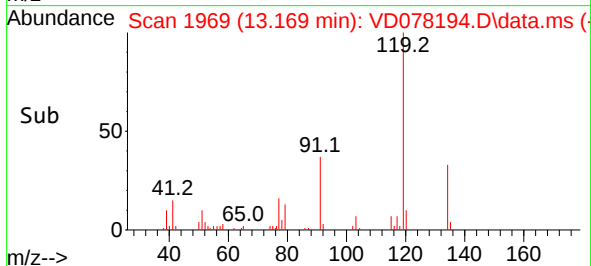
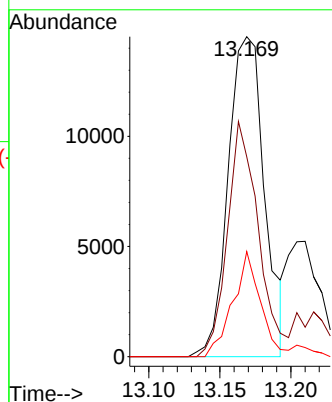
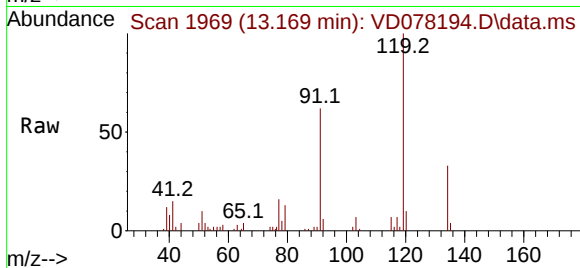
Tgt Ion:119 Resp: 25863

Ion Ratio Lower Upper

119 100

91 62.9 29.3 87.8

134 24.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.754 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD078194.D

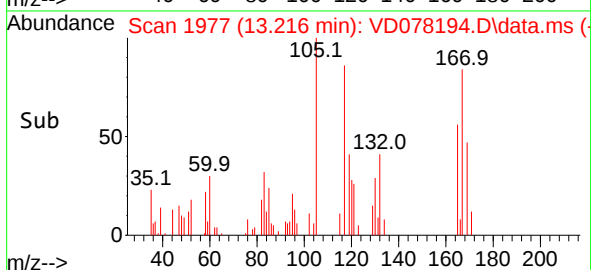
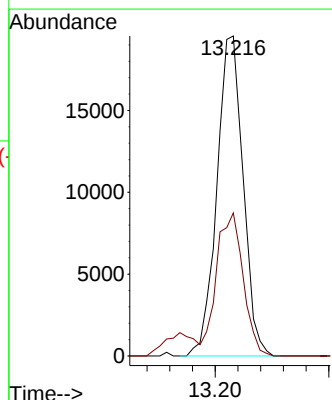
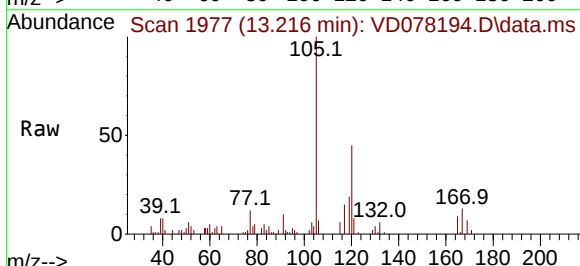
Acq: 22 Jan 2024 15:19

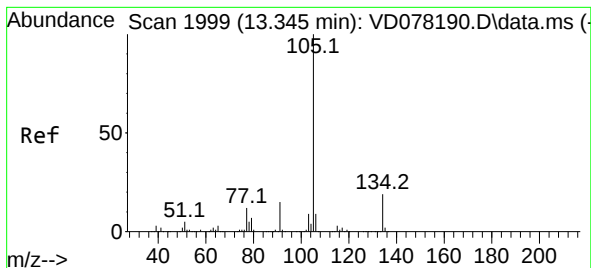
Tgt Ion:105 Resp: 31320

Ion Ratio Lower Upper

105 100

120 45.4 24.3 72.9





#85

sec-Butylbenzene

Concen: 4.870 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

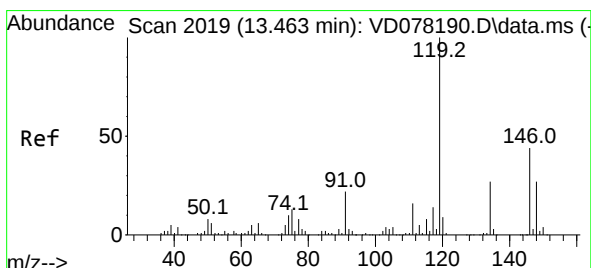
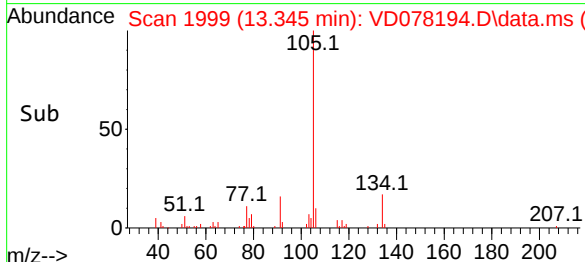
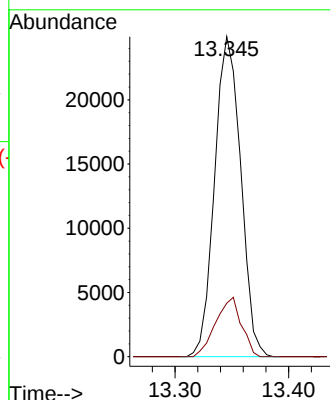
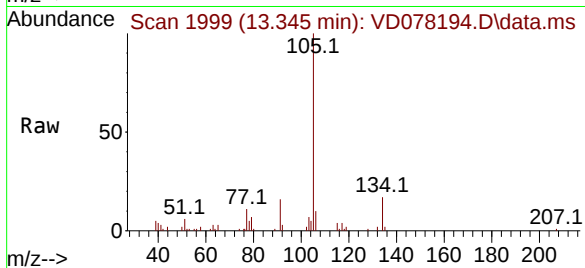
VSTDIC005

Tgt Ion:105 Resp: 39791

Ion Ratio Lower Upper

105 100

134 18.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 4.724 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

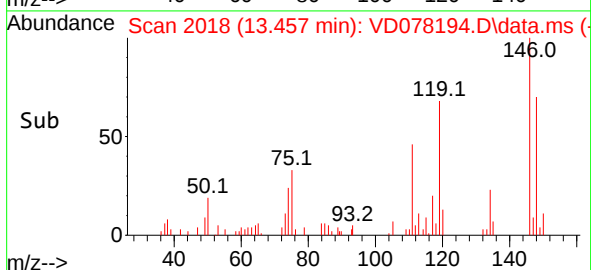
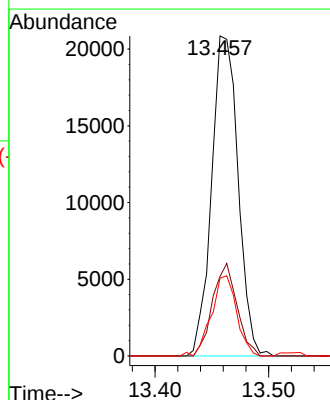
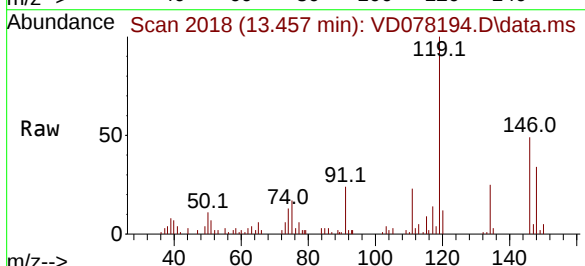
Tgt Ion:119 Resp: 33855

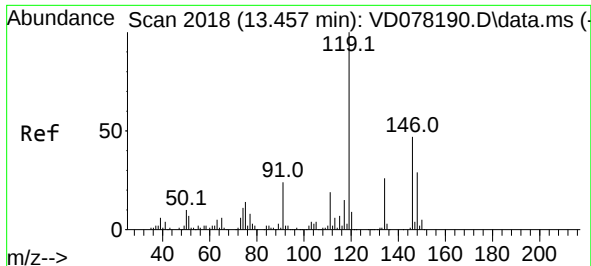
Ion Ratio Lower Upper

119 100

134 26.7 14.2 42.6

91 23.8 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.073 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

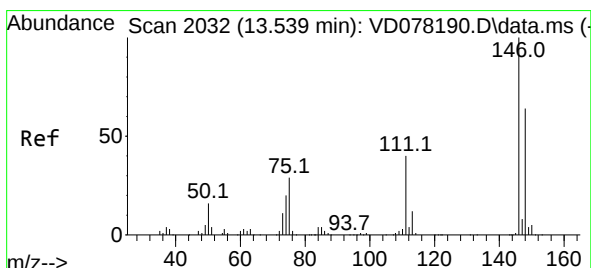
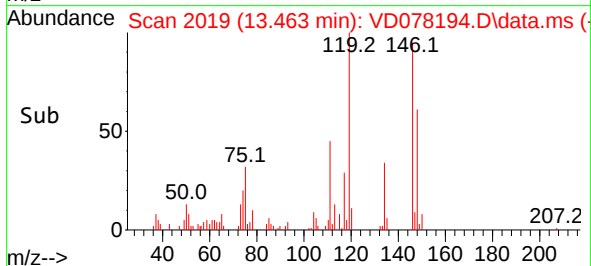
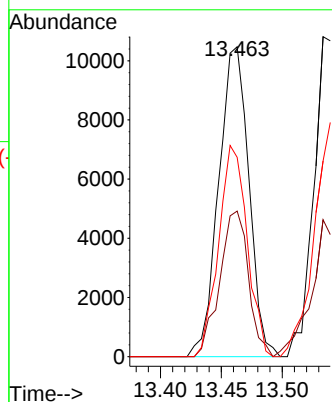
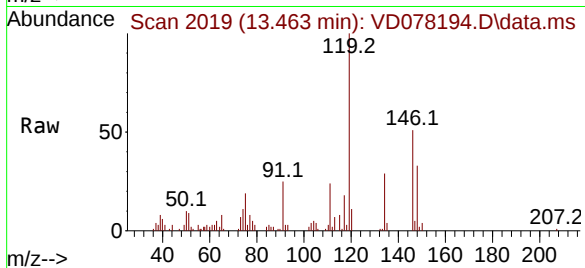
Tgt Ion:146 Resp: 18083

Ion Ratio Lower Upper

146 100

111 44.8 17.9 53.8

148 64.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 5.391 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

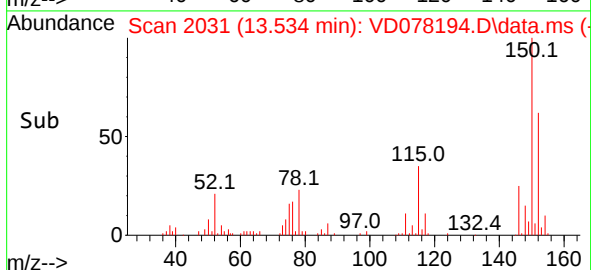
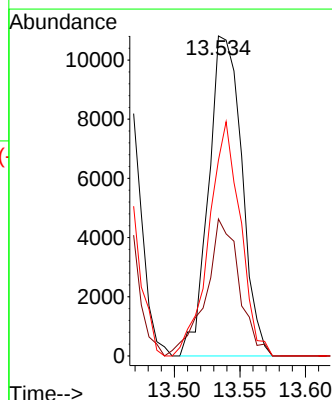
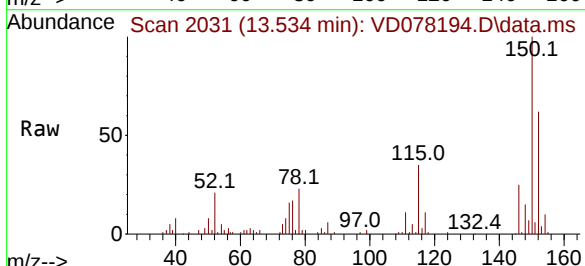
Tgt Ion:146 Resp: 19035

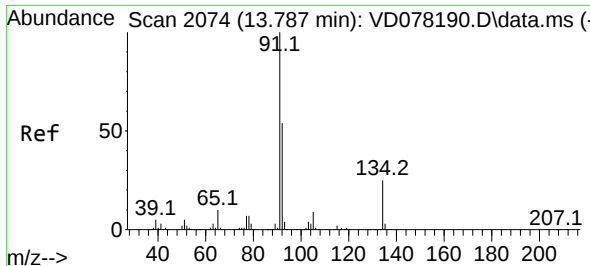
Ion Ratio Lower Upper

146 100

111 43.2 17.4 52.3

148 69.6 31.7 95.1

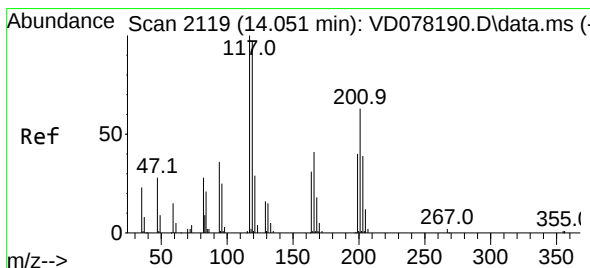
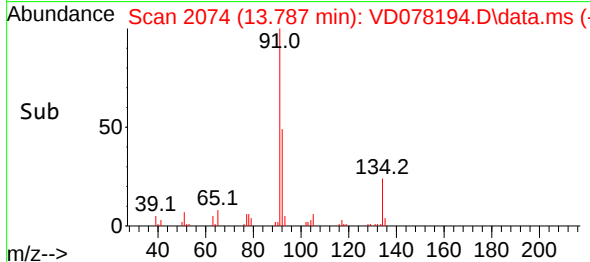
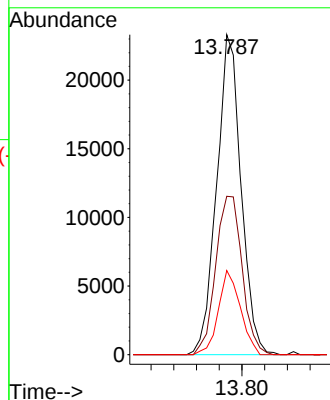
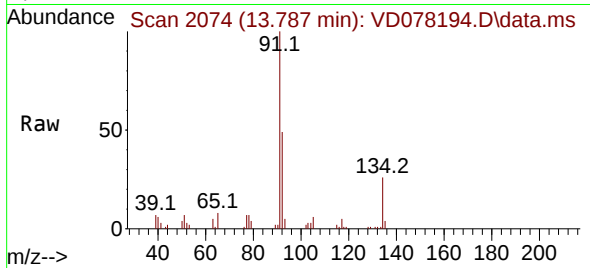




#89
n-Butylbenzene
Concen: 5.004 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

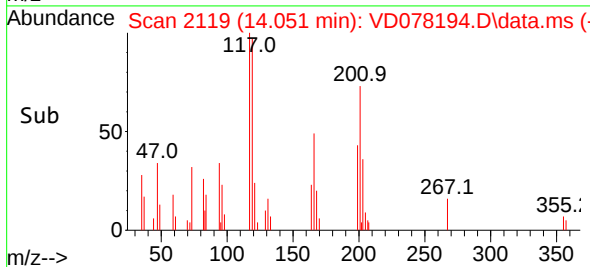
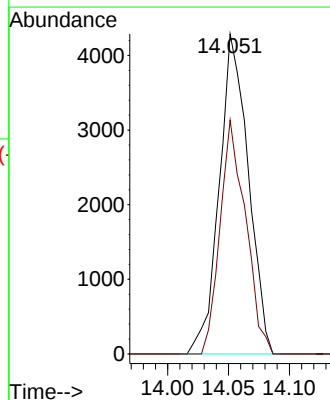
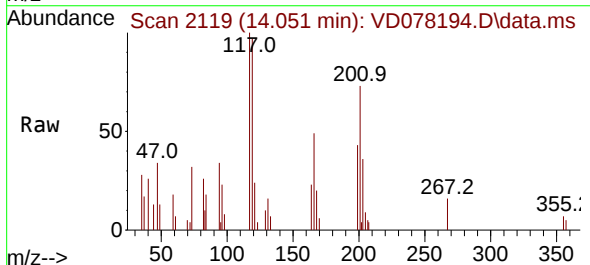
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

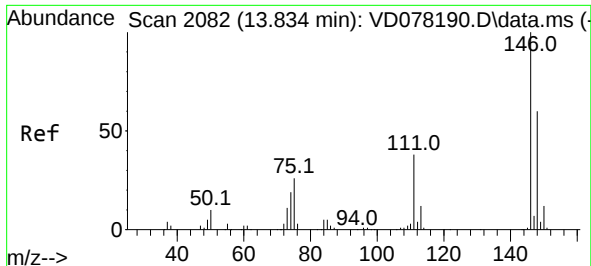
Tgt Ion:	91	Resp:	34777
Ion	Ratio	Lower	Upper
91	100		
92	53.6	26.5	79.5
134	23.7	13.8	41.3



#90
Hexachloroethane
Concen: 5.046 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:	117	Resp:	7122
Ion	Ratio	Lower	Upper
117	100		
201	64.3	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 5.276 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

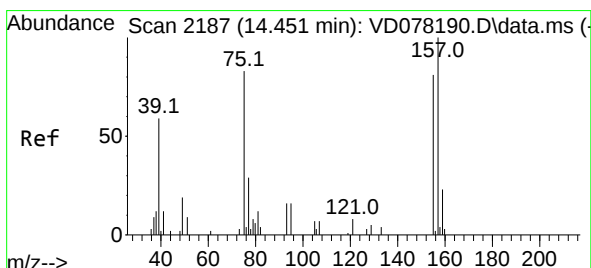
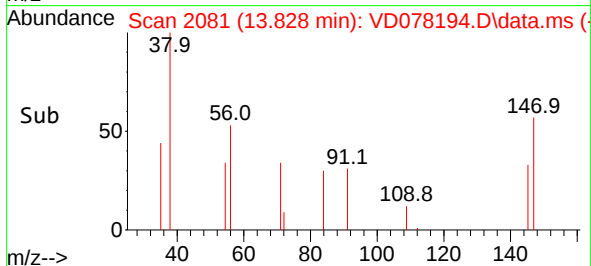
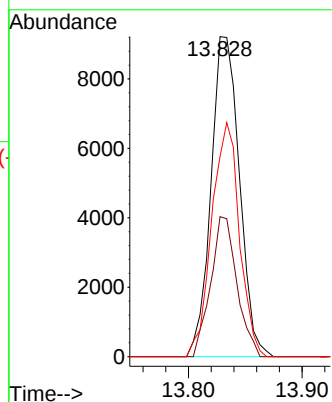
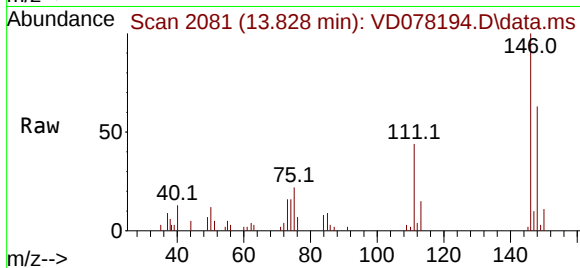
Tgt Ion:146 Resp: 16030

Ion Ratio Lower Upper

146 100

111 40.3 18.3 54.8

148 71.1 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.076 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

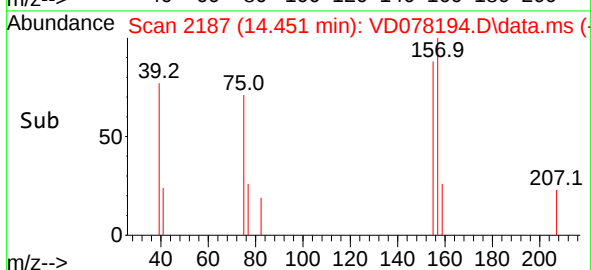
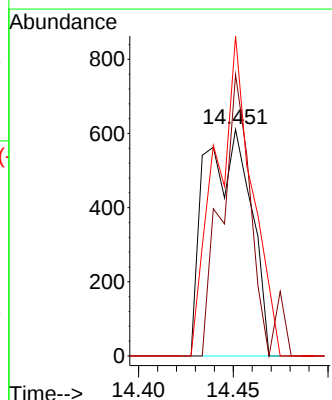
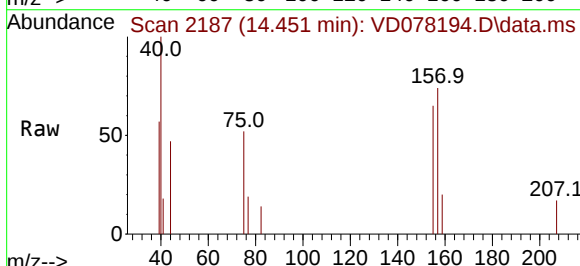
Tgt Ion: 75 Resp: 1030

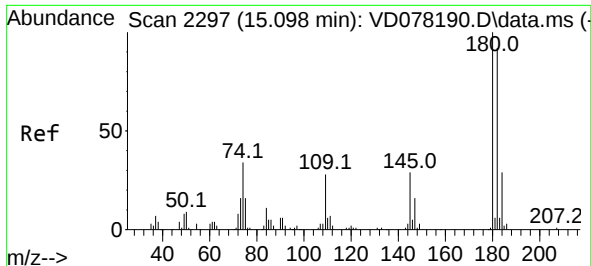
Ion Ratio Lower Upper

75 100

155 82.9 47.9 143.8

157 112.0 59.9 179.7

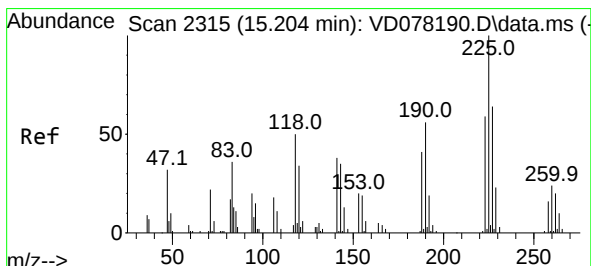
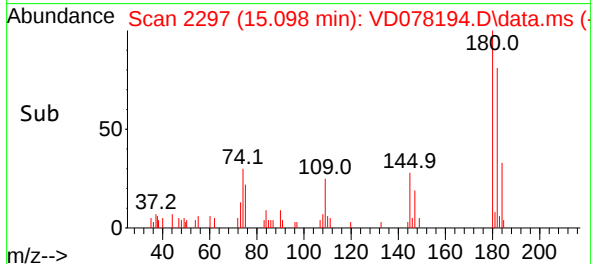
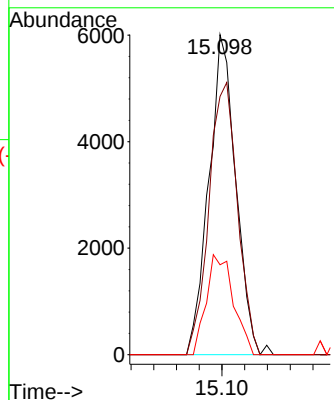
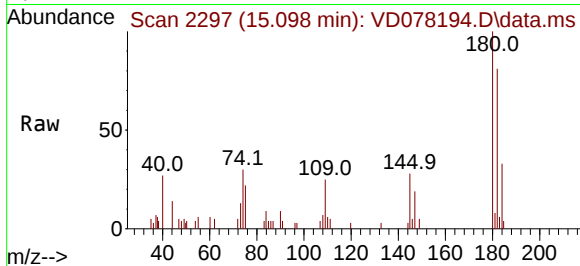




#93
1,2,4-Trichlorobenzene
Concen: 5.338 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

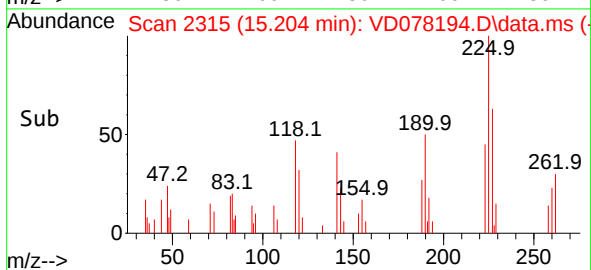
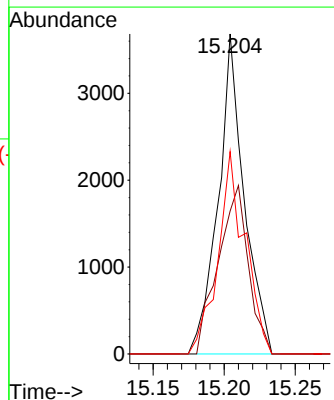
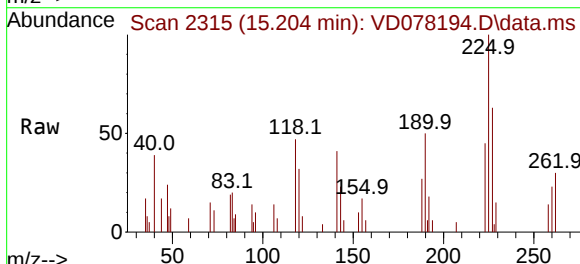
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

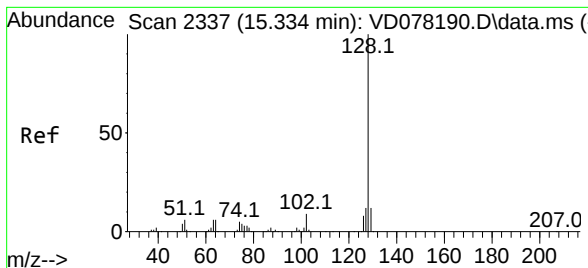
Tgt Ion:180	Resp:	9912
Ion Ratio	Lower	Upper
180	100	
182	90.0	48.5 145.6
145	31.3	14.2 42.6



#94
Hexachlorobutadiene
Concen: 5.145 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD078194.D
Acq: 22 Jan 2024 15:19

Tgt Ion:225	Resp:	4675
Ion Ratio	Lower	Upper
225	100	
223	61.3	31.6 94.8
227	66.1	31.7 95.1





#95

Naphthalene

Concen: 5.301 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

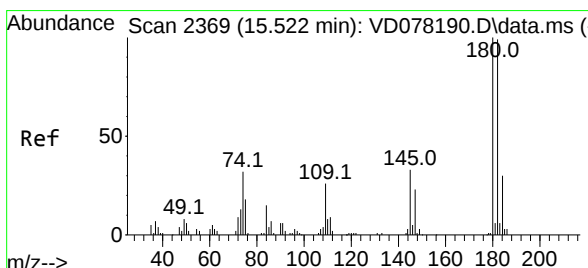
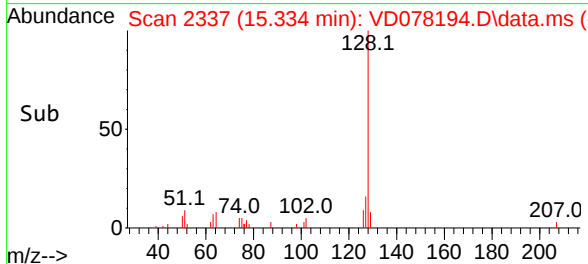
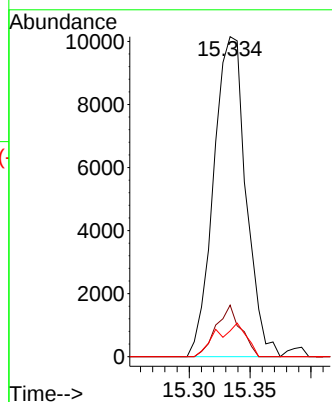
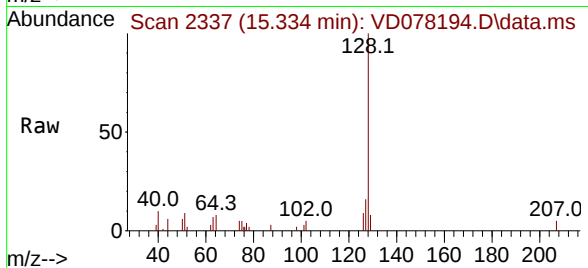
Tgt Ion:128 Resp: 18767

Ion Ratio Lower Upper

128 100

127 16.1 10.5 15.7#

129 8.0 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 5.492 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.000 min

Lab File: VD078194.D

Acq: 22 Jan 2024 15:19

Tgt Ion:180 Resp: 8656

Ion Ratio Lower Upper

180 100

182 86.8 47.3 141.9

145 31.1 15.1 45.3

