

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077316.D
 Acq On : 12 Oct 2023 12:38
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Oct 13 02:29:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	292981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	511211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	446155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	115071	49.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.920%
35) Dibromofluoromethane	7.804	113	140111	52.633	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.269	98	466850	52.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.600%
62) 4-Bromofluorobenzene	12.575	95	149174	49.758	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	130916	48.749	ug/l	96
3) Chloromethane	2.146	50	220750	52.090	ug/l	99
4) Vinyl Chloride	2.281	62	224692	47.888	ug/l	98
5) Bromomethane	2.693	94	146520	43.324	ug/l	99
6) Chloroethane	2.834	64	155598	48.991	ug/l	100
7) Trichlorofluoromethane	3.175	101	239249	47.420	ug/l	98
8) Diethyl Ether	3.593	74	86583	49.587	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.963	101	178581	51.365	ug/l	95
10) Methyl Iodide	4.163	142	206075	46.753	ug/l #	90
11) Tert butyl alcohol	5.052	59	41987	238.335	ug/l	99
12) 1,1-Dichloroethene	3.934	96	175730	51.823	ug/l	88
13) Acrolein	3.799	56	53287	238.785	ug/l	100
14) Allyl chloride	4.563	41	238794	51.270	ug/l	91
15) Acrylonitrile	5.252	53	194597	233.926	ug/l	99
16) Acetone	4.016	43	171892	238.832	ug/l	93
17) Carbon Disulfide	4.269	76	544409	52.746	ug/l	99
18) Methyl Acetate	4.558	43	140021	48.021	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	372681	48.847	ug/l	96
20) Methylene Chloride	4.805	84	217068	41.520	ug/l #	88
21) trans-1,2-Dichloroethene	5.310	96	203219	50.080	ug/l	91
22) Diisopropyl ether	6.210	45	530144	50.007	ug/l	96
23) Vinyl Acetate	6.152	43	1241739	248.809	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	348406	49.953	ug/l	96
25) 2-Butanone	7.081	43	239726	248.372	ug/l #	83
26) 2,2-Dichloropropane	7.069	77	291044	51.924	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	222970	49.465	ug/l	93
28) Bromochloromethane	7.428	49	134771	48.844	ug/l #	76
29) Tetrahydrofuran	7.446	42	138045	236.155	ug/l	88
30) Chloroform	7.593	83	348769	48.940	ug/l	100
31) Cyclohexane	7.881	56	284952	50.966	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	298485	52.001	ug/l	98
36) 1,1-Dichloropropene	8.010	75	271815	54.645	ug/l	96
37) Ethyl Acetate	7.169	43	97381	46.940	ug/l	96
38) Carbon Tetrachloride	7.993	117	255407	57.023	ug/l	94
39) Methylcyclohexane	9.275	83	308057	54.030	ug/l #	88
40) Benzene	8.252	78	808599	53.337	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	56739	52.581	ug/l	90
42) 1,2-Dichloroethane	8.322	62	183943	50.898	ug/l	99
43) Isopropyl Acetate	8.363	43	189092	51.474	ug/l	92
44) Trichloroethene	9.028	130	201398	53.749	ug/l	90
45) 1,2-Dichloropropane	9.304	63	197258	50.806	ug/l	98
46) Dibromomethane	9.393	93	100956	48.884	ug/l	89
47) Bromodichloromethane	9.581	83	248596	49.734	ug/l	98
48) Methyl methacrylate	9.381	41	87074	49.794	ug/l #	80
49) 1,4-Dioxane	9.393	88	20141	940.748	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	484048	251.849	ug/l	92
52) Toluene	10.334	92	494645	52.730	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	237953	49.948	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	298622	50.725	ug/l #	95
55) 1,1,2-Trichloroethane	10.734	97	137641	49.328	ug/l	93
56) Ethyl methacrylate	10.598	69	168150	47.340	ug/l	93
57) 1,3-Dichloropropane	10.881	76	236223	49.308	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	377996	215.844	ug/l	93
59) 2-Hexanone	10.922	43	350382	256.712	ug/l	91
60) Dibromochloromethane	11.075	129	157922	49.451	ug/l	96
61) 1,2-Dibromoethane	11.181	107	126100	49.000	ug/l	99
64) Tetrachloroethene	10.810	164	151038	53.508	ug/l	89
65) Chlorobenzene	11.610	112	489304	53.007	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	171398	52.370	ug/l	98
67) Ethyl Benzene	11.687	91	927493	55.149	ug/l	96
68) m/p-Xylenes	11.792	106	715023	111.389	ug/l	90
69) o-Xylene	12.122	106	329207	54.879	ug/l	92
70) Styrene	12.134	104	566630	54.635	ug/l	96
71) Bromoform	12.304	173	84564	51.243	ug/l #	99
73) Isopropylbenzene	12.422	105	870850	56.122	ug/l	95
74) N-amyl acetate	12.234	43	169997	52.698	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	153569	50.504	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	102039m	47.785	ug/l	
77) Bromobenzene	12.704	156	180340	51.742	ug/l	82
78) n-propylbenzene	12.763	91	1097941	56.072	ug/l	94
79) 2-Chlorotoluene	12.851	91	573403	54.546	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	709971	55.351	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	51091	53.474	ug/l	96
82) 4-Chlorotoluene	12.945	91	598470	54.168	ug/l	94
83) tert-Butylbenzene	13.169	119	604343	56.150	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	711679	54.979	ug/l	93
85) sec-Butylbenzene	13.345	105	944412	56.233	ug/l	94
86) p-Isopropyltoluene	13.463	119	774561	56.081	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	381765	52.021	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	371565	51.575	ug/l	98
89) n-Butylbenzene	13.787	91	767700	56.749	ug/l	97
90) Hexachloroethane	14.057	117	143996	53.534	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	326352	51.674	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20480	51.020	ug/l	91
93) 1,2,4-Trichlorobenzene	15.104	180	203230	52.581	ug/l	98
94) Hexachlorobutadiene	15.210	225	100828	52.725	ug/l	98
95) Naphthalene	15.333	128	390577	52.094	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	175770	51.609	ug/l	99

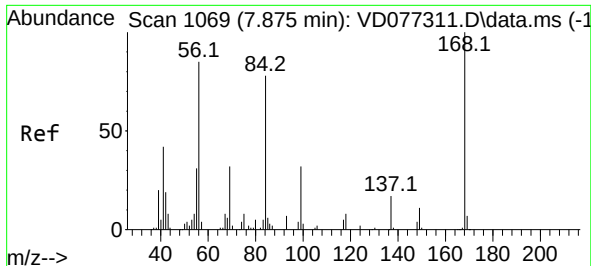
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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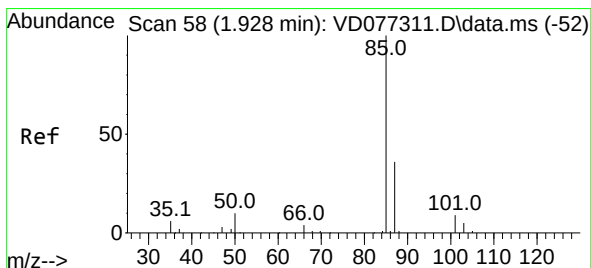
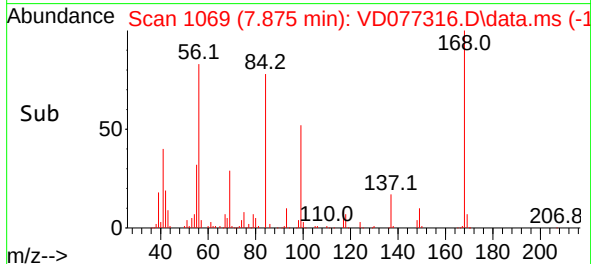
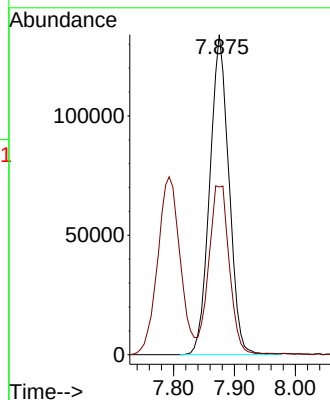
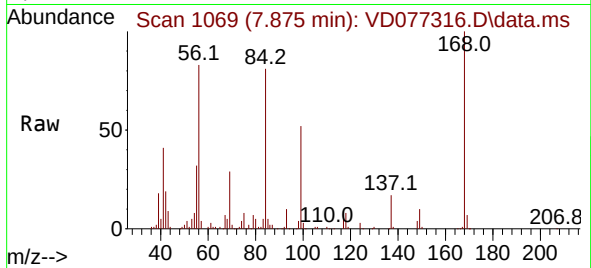
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
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Acq: 12 Oct 2023 12:38

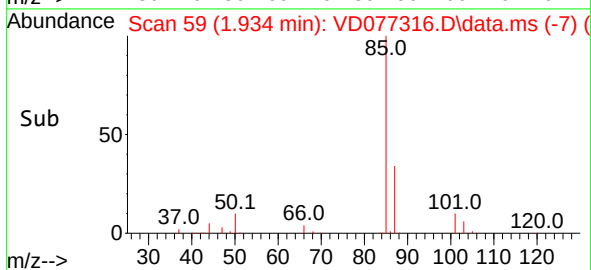
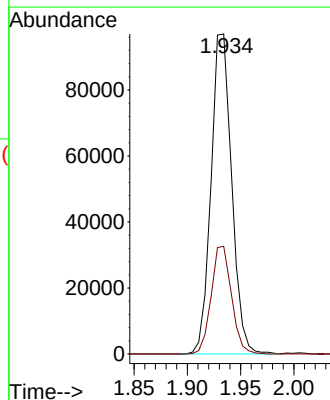
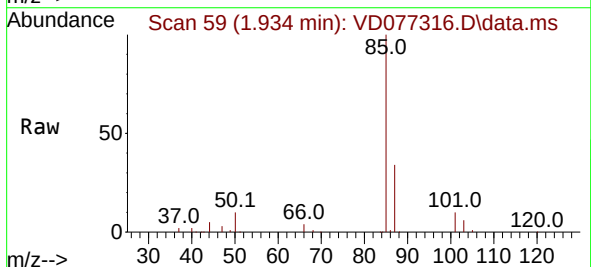
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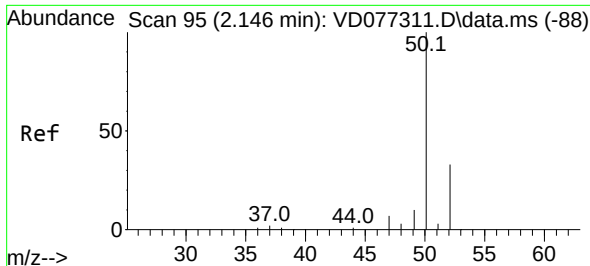
Tgt Ion:168 Resp: 292981
Ion Ratio Lower Upper
168 100
99 52.0 36.7 55.1



#2
Dichlorodifluoromethane
Concen: 48.749 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 85 Resp: 130916
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0

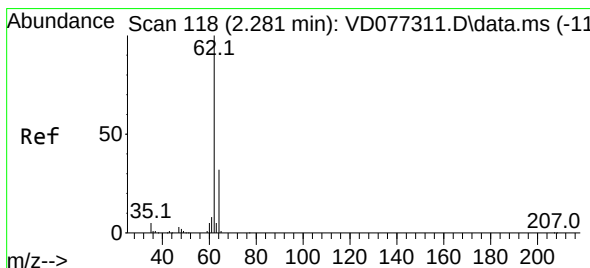
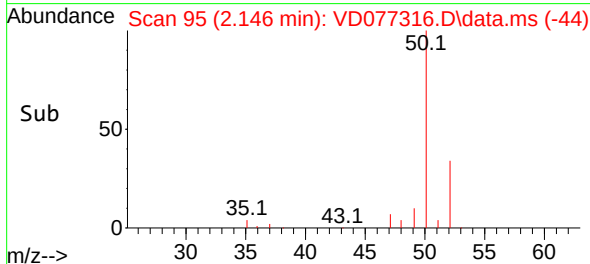
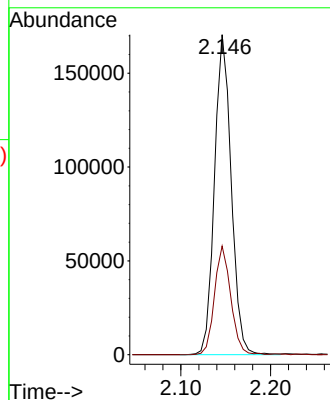
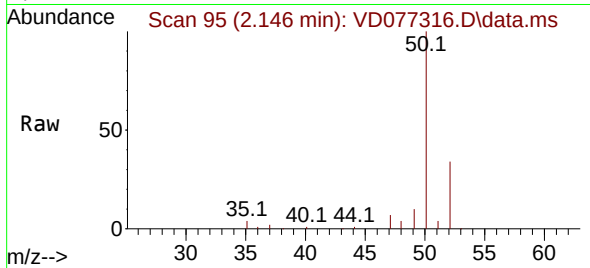




#3
Chloromethane
Concen: 52.090 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

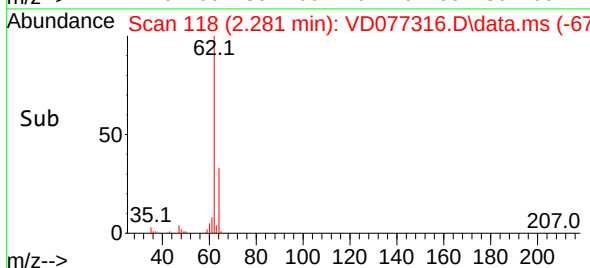
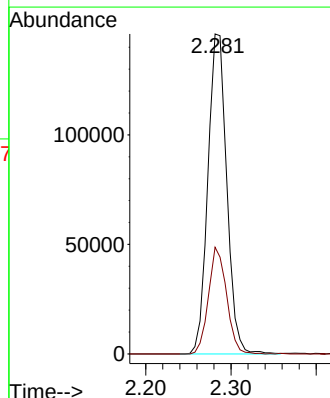
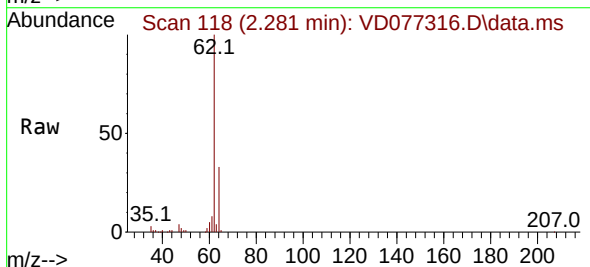
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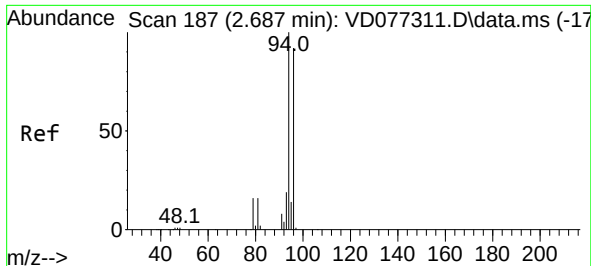
Tgt Ion: 50 Resp: 220750
Ion Ratio Lower Upper
50 100
52 33.9 26.6 40.0



#4
Vinyl Chloride
Concen: 47.888 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 62 Resp: 224692
Ion Ratio Lower Upper
62 100
64 33.3 26.0 39.0

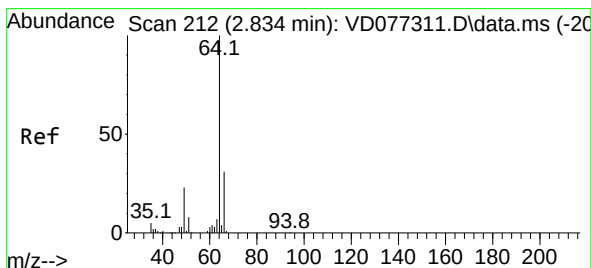
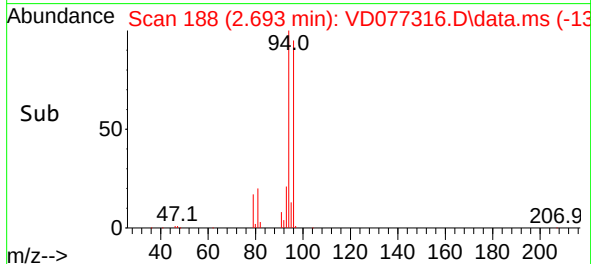
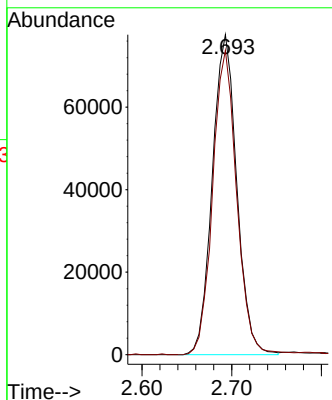
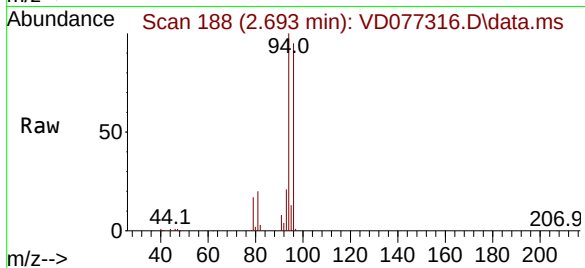




#5
Bromomethane
Concen: 43.324 ug/l
RT: 2.693 min Scan# 187
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

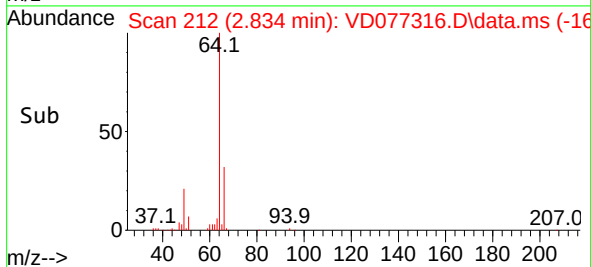
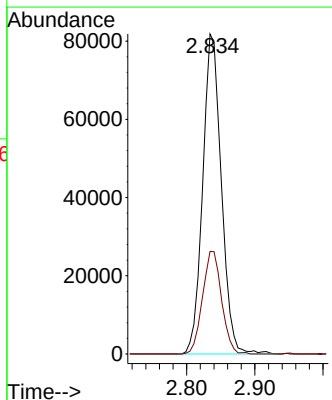
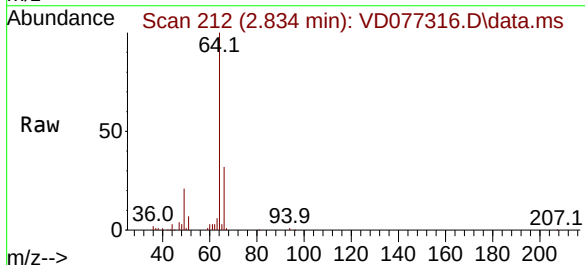
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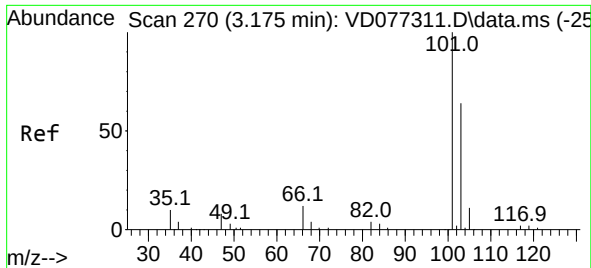
Tgt Ion: 94 Resp: 146520
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 48.991 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 64 Resp: 155598
Ion Ratio Lower Upper
64 100
66 32.0 25.5 38.3

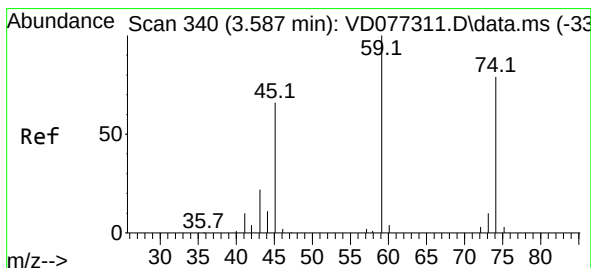
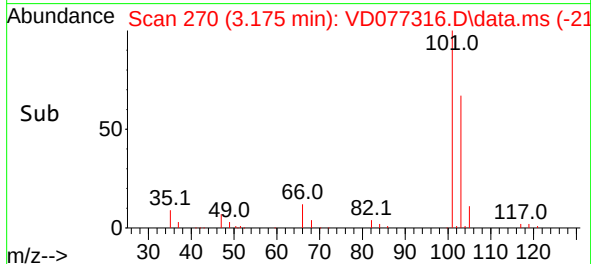
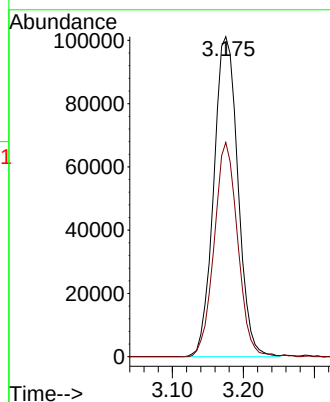
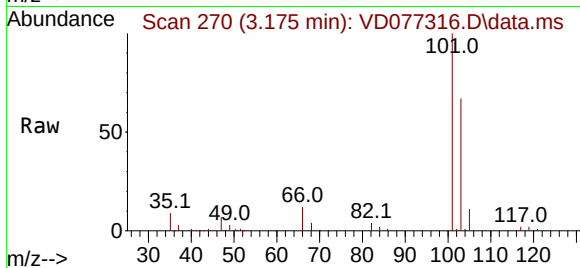




#7
 Trichlorofluoromethane
 Concen: 47.420 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

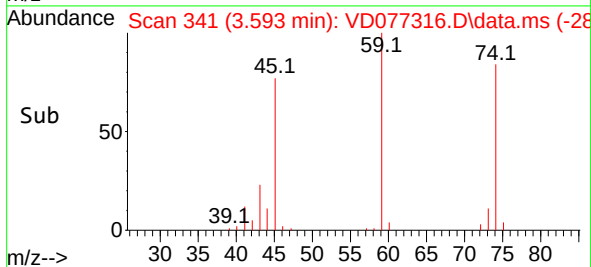
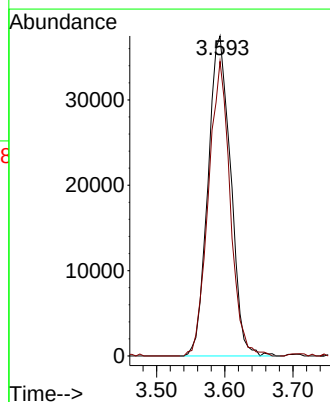
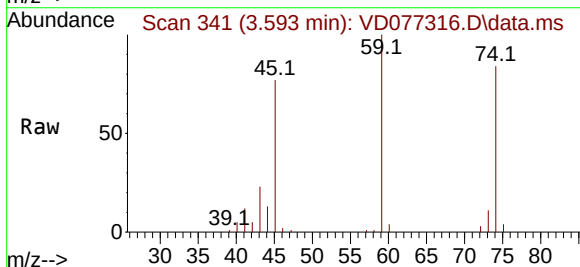
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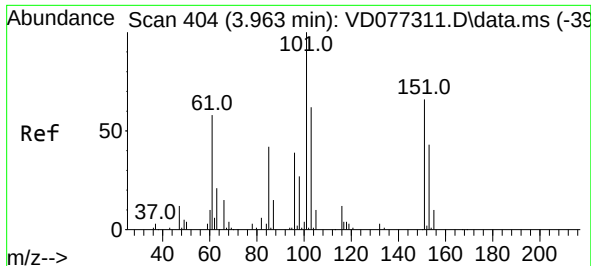
Tgt Ion:101 Resp: 239249
 Ion Ratio Lower Upper
 101 100
 103 66.9 52.3 78.5



#8
 Diethyl Ether
 Concen: 49.587 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 74 Resp: 86583
 Ion Ratio Lower Upper
 74 100
 45 88.4 37.5 112.7

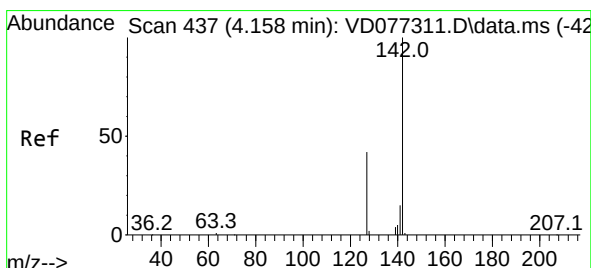
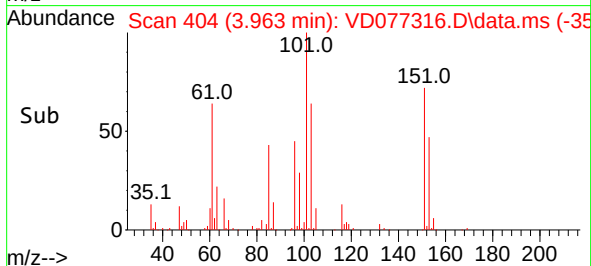
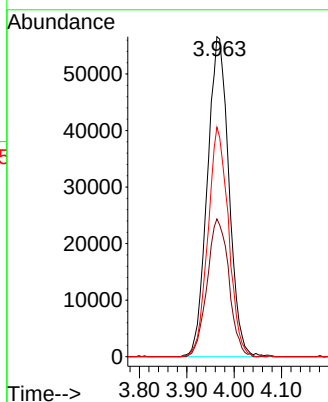
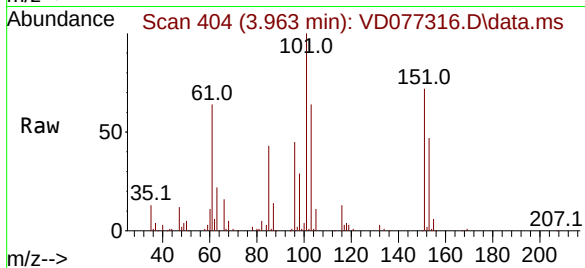




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.365 ug/l
RT: 3.963 min Scan# 404
Delta R.T. 0.000 min
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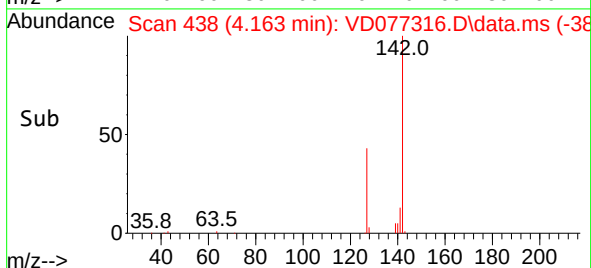
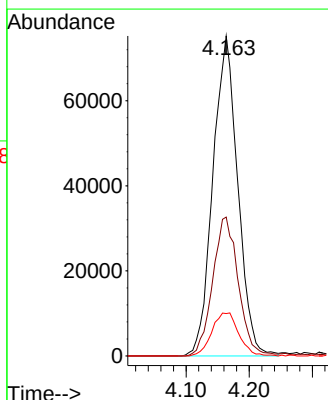
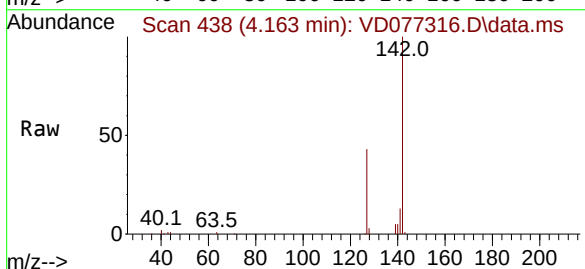
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

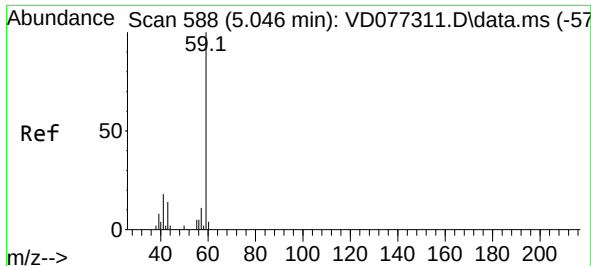
Tgt Ion:	101	Resp:	178581
Ion	Ratio	Lower	Upper
101	100		
85	43.5	33.8	50.6
151	68.4	59.8	89.6



#10
Methyl Iodide
Concen: 46.753 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion:	142	Resp:	206075
Ion	Ratio	Lower	Upper
142	100		
127	44.6	29.4	44.0#
141	14.5	11.1	16.7

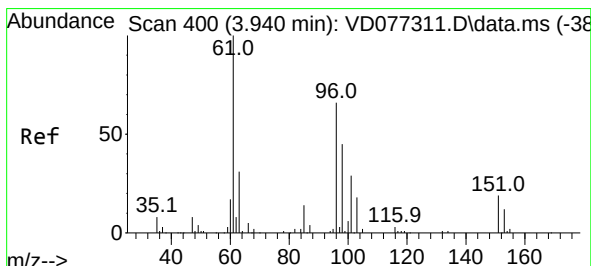
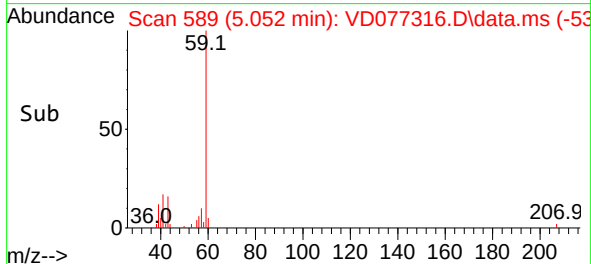
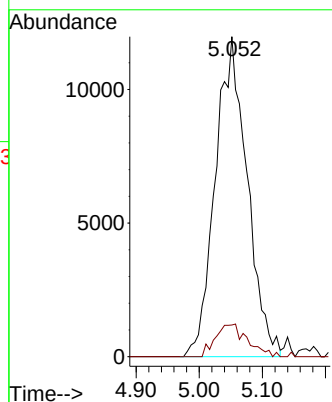
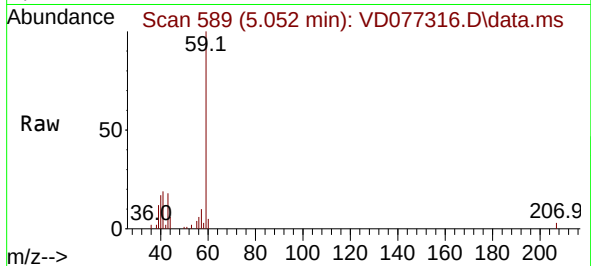




#11
Tert butyl alcohol
Concen: 238.335 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

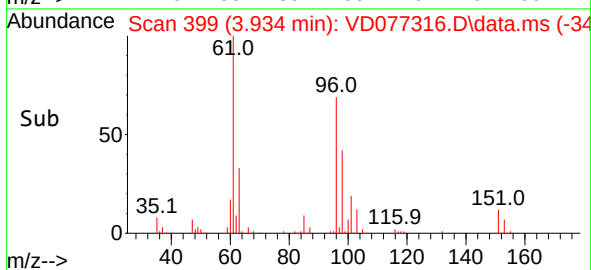
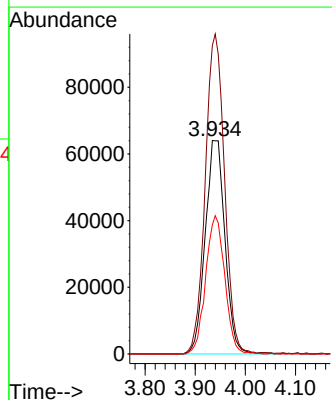
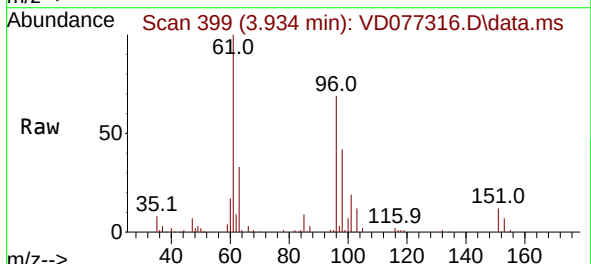
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

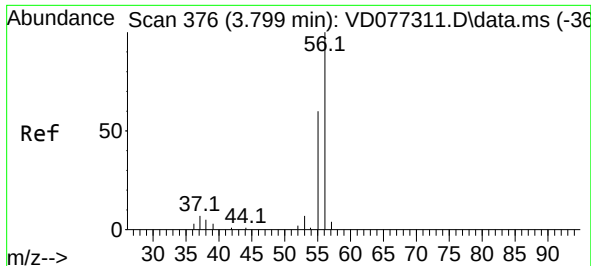
Tgt Ion: 59 Resp: 41987
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.823 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 96 Resp: 175730
Ion Ratio Lower Upper
96 100
61 144.5 100.6 150.8
98 60.5 50.2 75.2





#13

Acrolein

Concen: 238.785 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

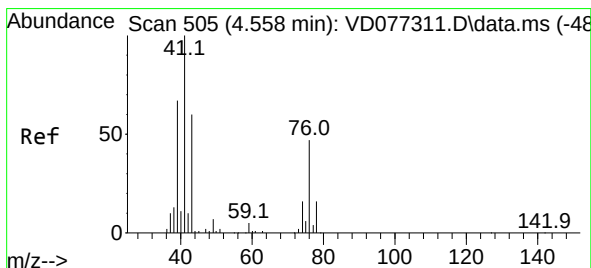
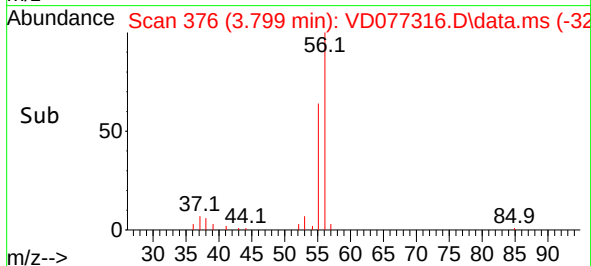
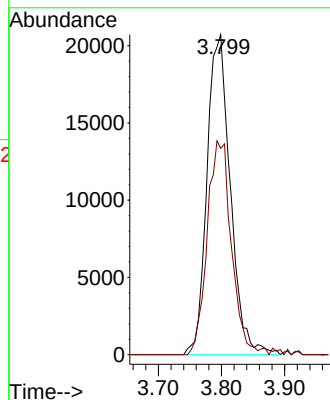
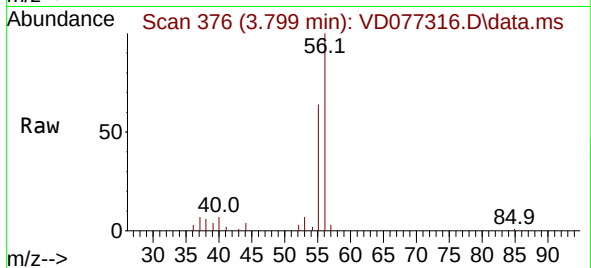
VSTD05006

Tgt Ion: 56 Resp: 53287

Ion Ratio Lower Upper

56 100

55 69.1 55.1 82.7



#14

Allyl chloride

Concen: 51.270 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

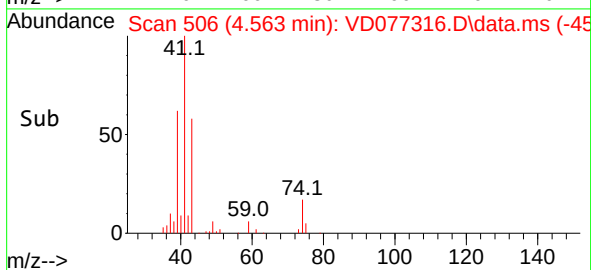
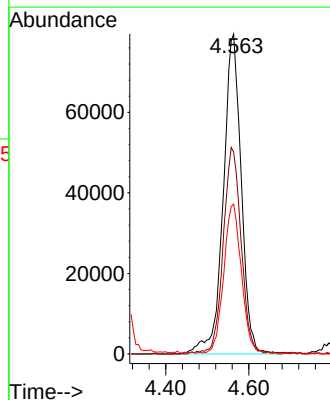
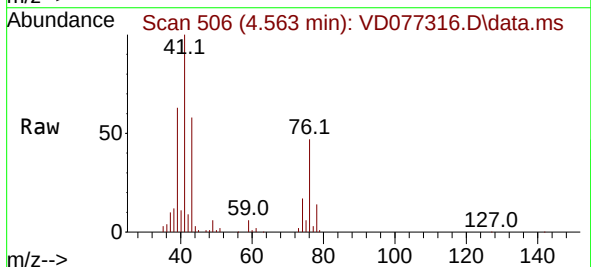
Tgt Ion: 41 Resp: 238794

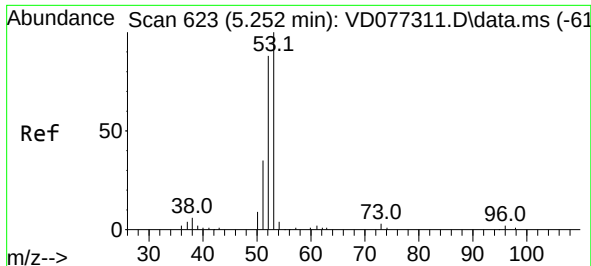
Ion Ratio Lower Upper

41 100

39 64.2 53.8 80.6

76 46.4 45.8 68.8

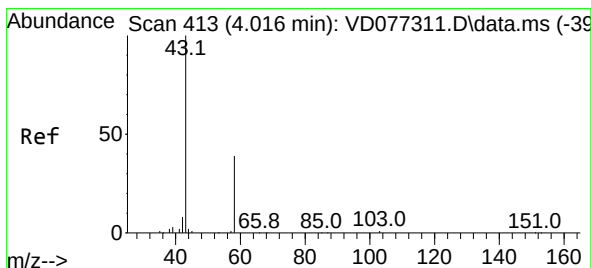
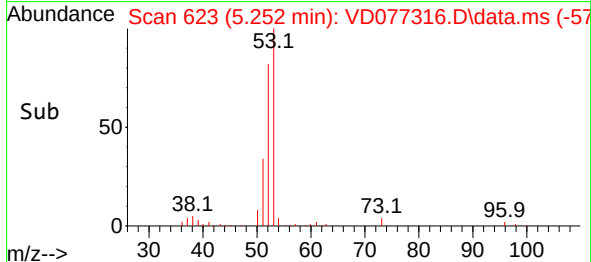
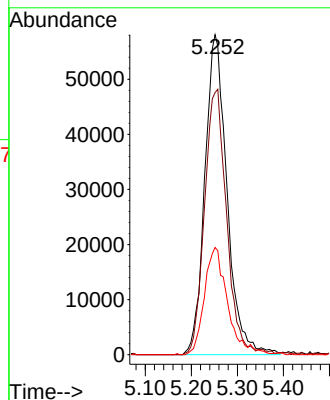
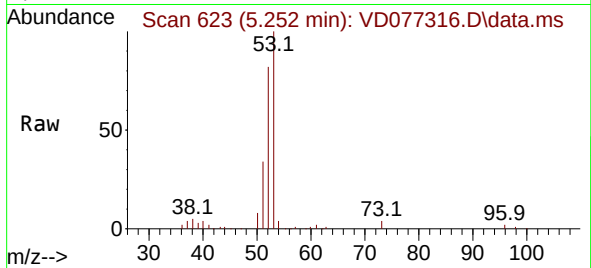




#15
Acrylonitrile
Concen: 233.926 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

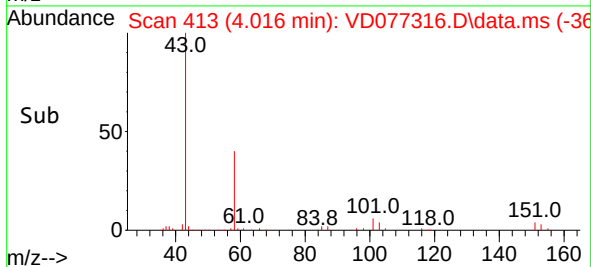
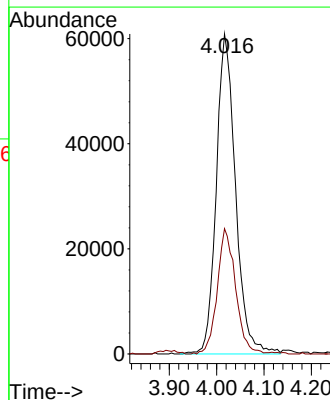
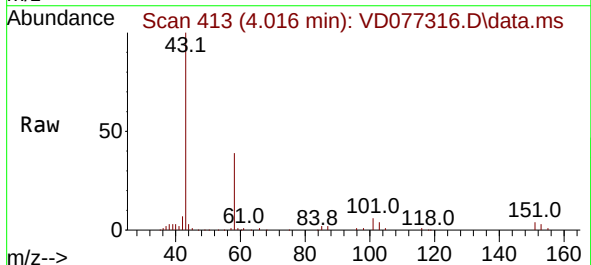
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

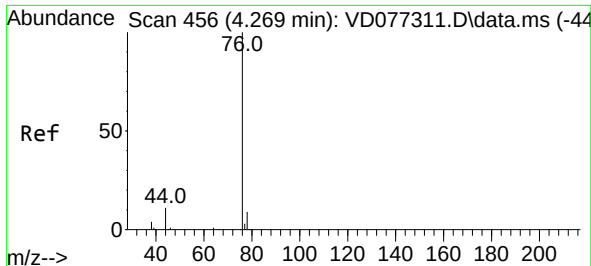
Tgt Ion: 53 Resp: 194597
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.4
51 35.0 28.3 42.5



#16
Acetone
Concen: 238.832 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 43 Resp: 171892
Ion Ratio Lower Upper
43 100
58 38.9 34.7 52.1

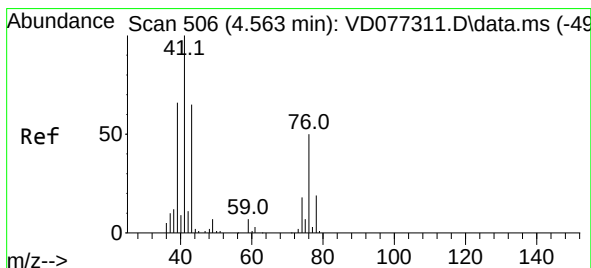
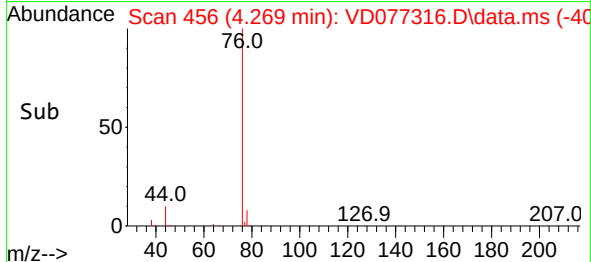
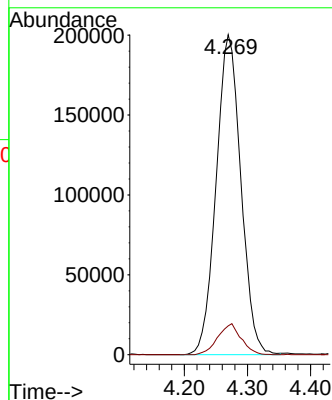
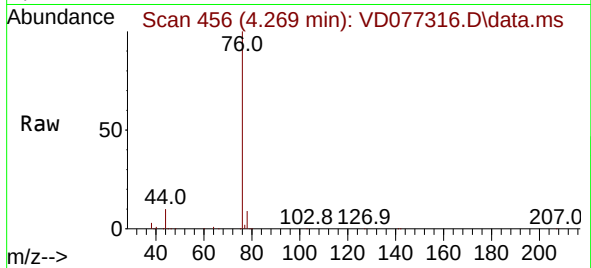




#17
Carbon Disulfide
Concen: 52.746 ug/l
RT: 4.269 min Scan# 417
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

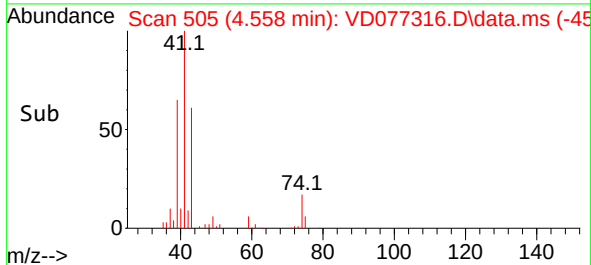
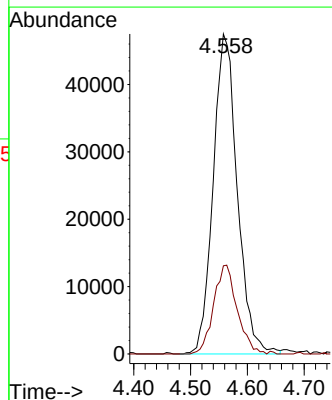
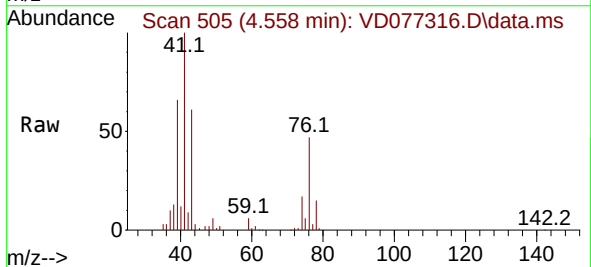
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

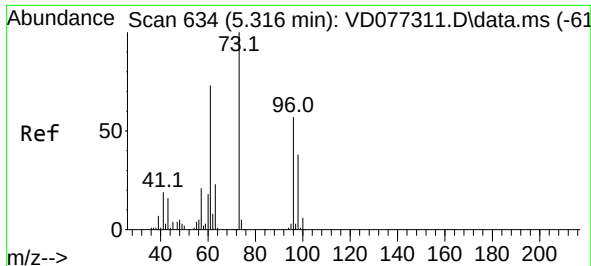
Tgt Ion: 76 Resp: 544409
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2



#18
Methyl Acetate
Concen: 48.021 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 43 Resp: 140021
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

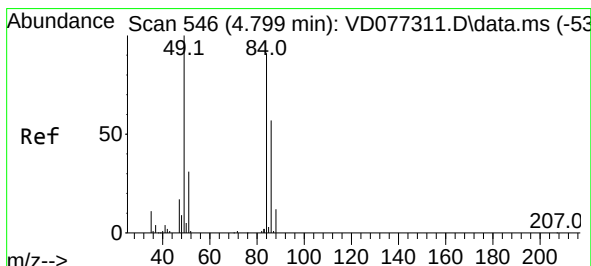
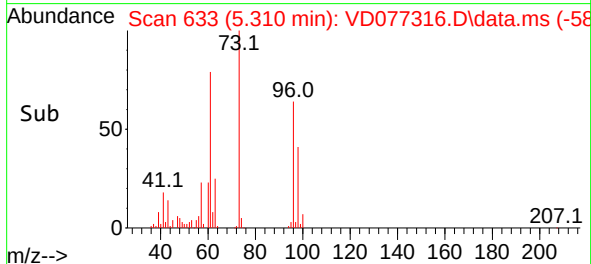
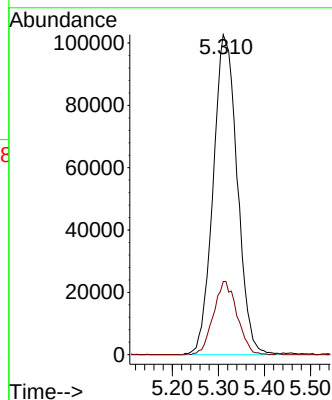
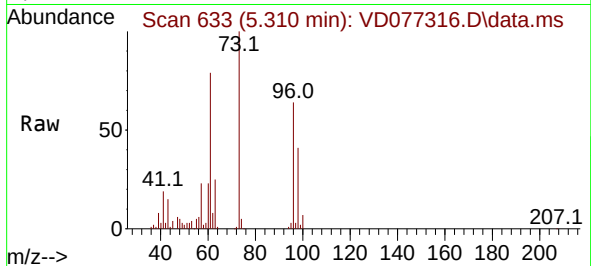




#19
Methyl tert-butyl Ether
Concen: 48.847 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

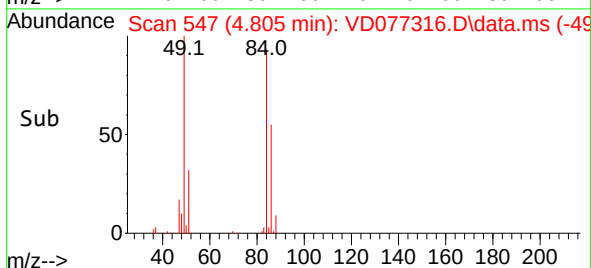
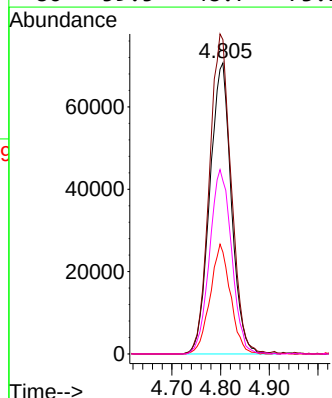
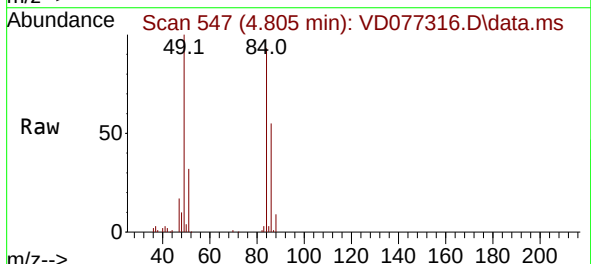
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

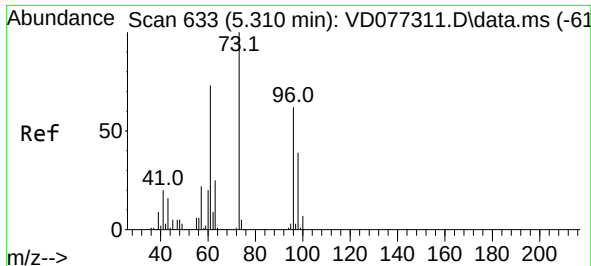
Tgt Ion: 73 Resp: 372681
Ion Ratio Lower Upper
73 100
57 22.9 16.6 25.0



#20
Methylene Chloride
Concen: 41.520 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 84 Resp: 217068
Ion Ratio Lower Upper
84 100
49 108.0 71.4 107.2#
51 35.0 24.5 36.7
86 59.5 48.7 73.1

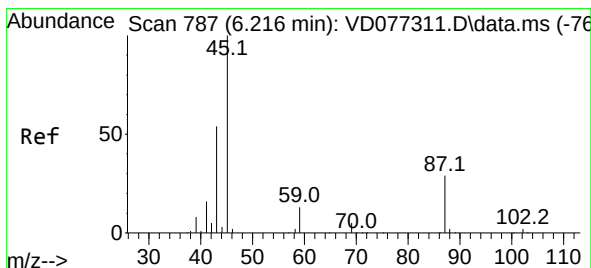
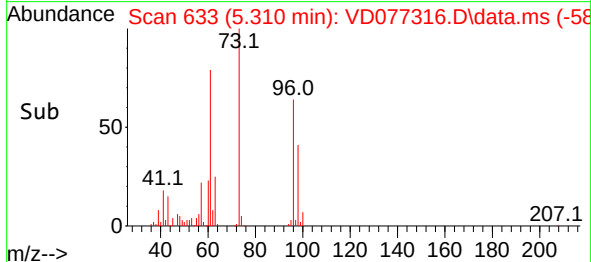
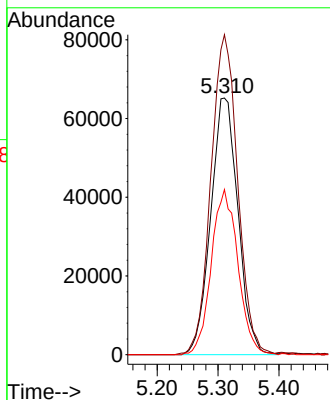
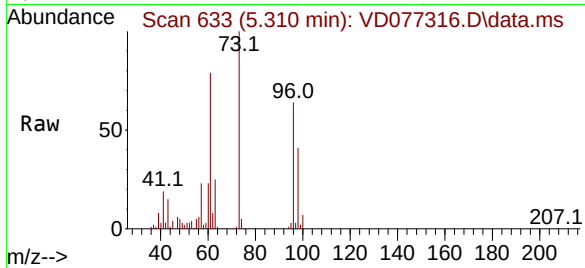




#21
trans-1,2-Dichloroethene
Concen: 50.080 ug/l
RT: 5.310 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

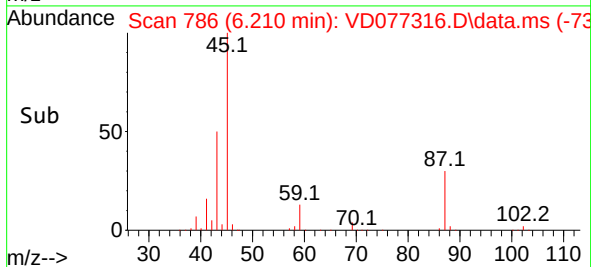
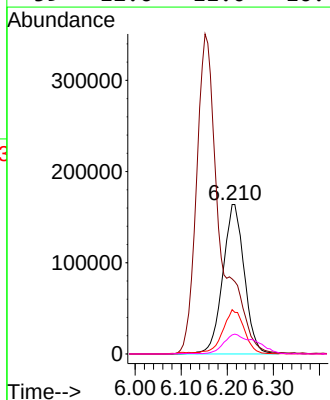
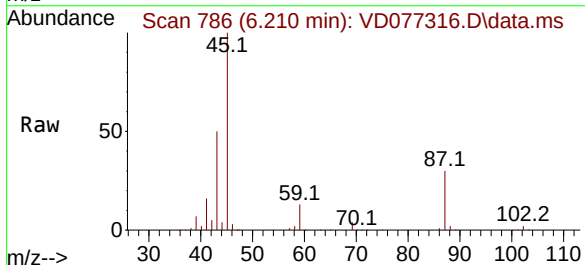
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

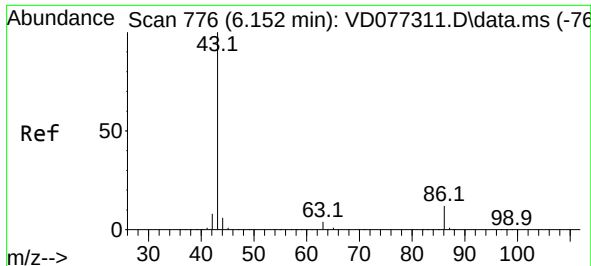
Tgt Ion: 96 Resp: 203219
Ion Ratio Lower Upper
96 100
61 124.4 89.3 133.9
98 64.3 48.6 73.0



#22
Diisopropyl ether
Concen: 50.007 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 45 Resp: 530144
Ion Ratio Lower Upper
45 100
43 49.4 40.0 60.0
87 29.5 28.2 42.4
59 12.6 11.0 16.4

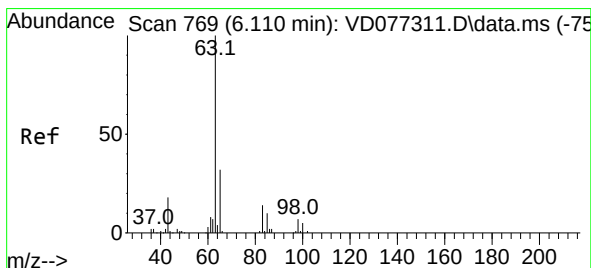
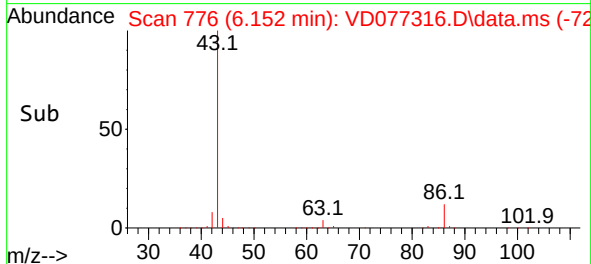
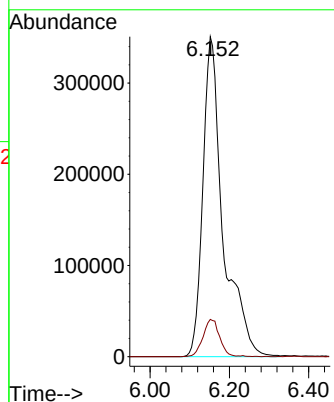
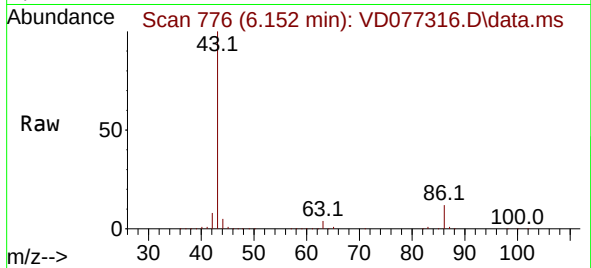




#23
 Vinyl Acetate
 Concen: 248.809 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

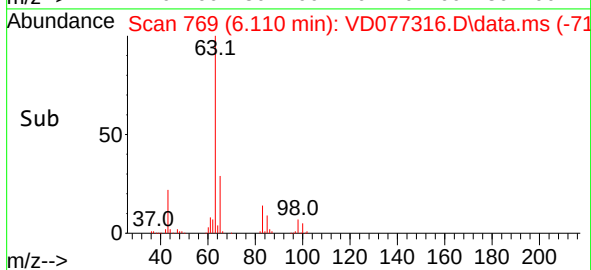
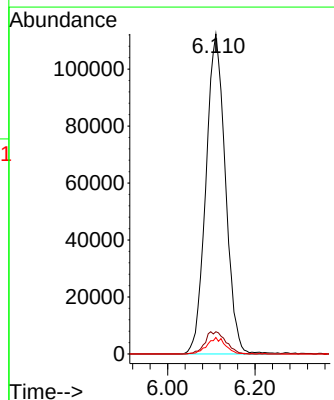
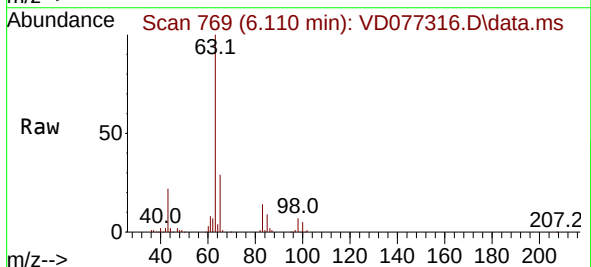
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

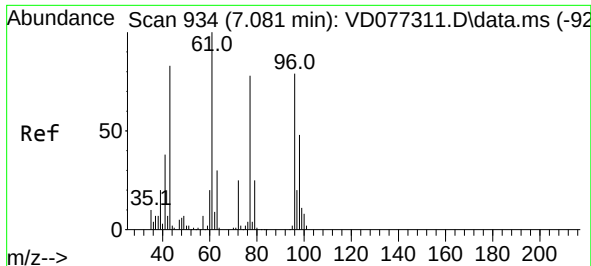
Tgt Ion: 43 Resp: 1241739
 Ion Ratio Lower Upper
 43 100
 86 11.6 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 49.953 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 63 Resp: 348406
 Ion Ratio Lower Upper
 63 100
 98 7.0 4.5 13.7
 100 5.1 2.5 7.5

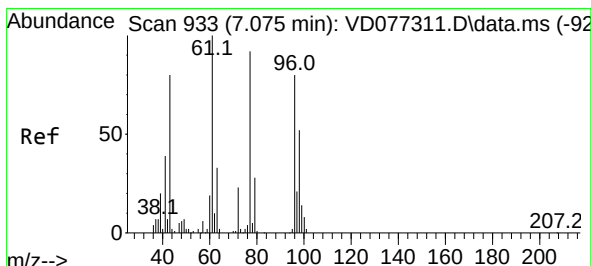
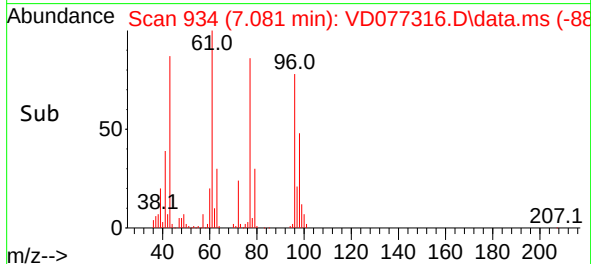
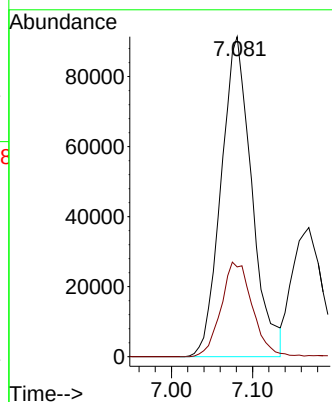
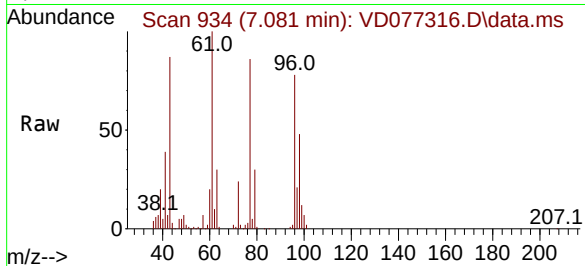




#25
2-Butanone
Concen: 248.372 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

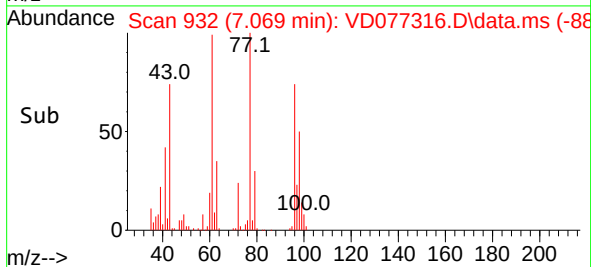
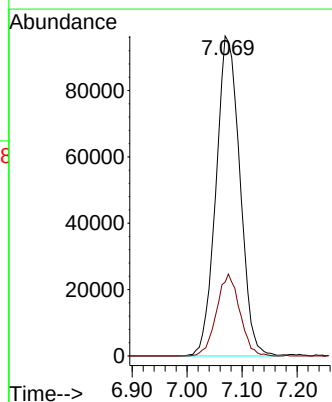
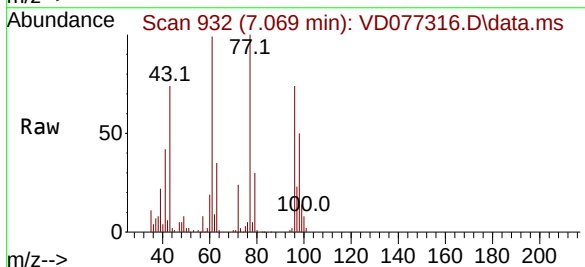
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

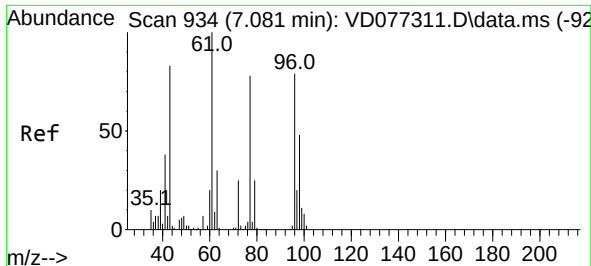
Tgt Ion: 43 Resp: 239726
Ion Ratio Lower Upper
43 100
72 28.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 51.924 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 77 Resp: 291044
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6



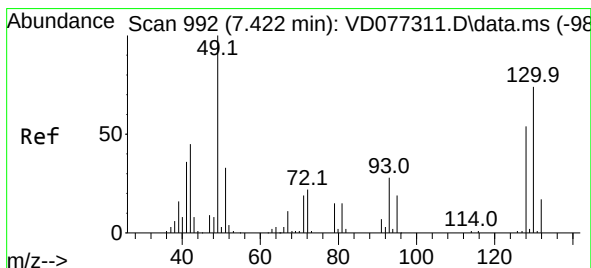
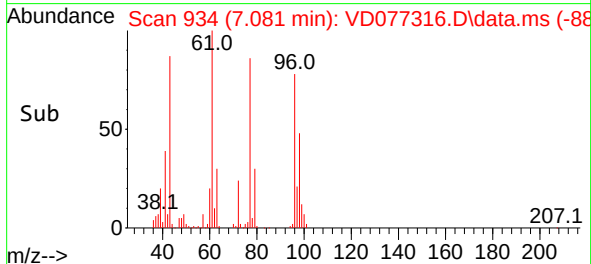
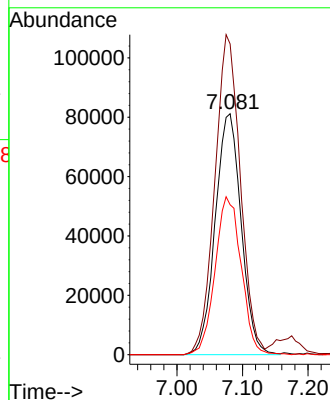
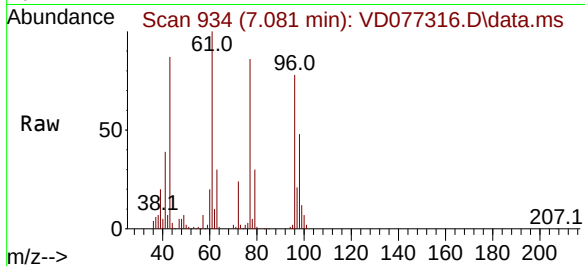


#27
 cis-1,2-Dichloroethene
 Concen: 49.465 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Tgt Ion: 96 Resp: 222970

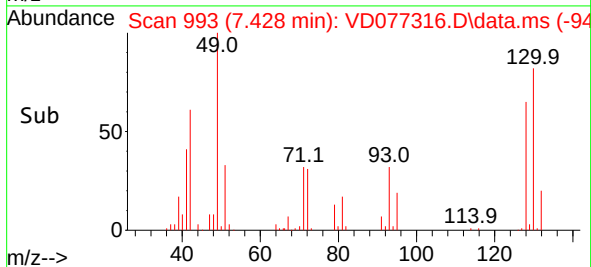
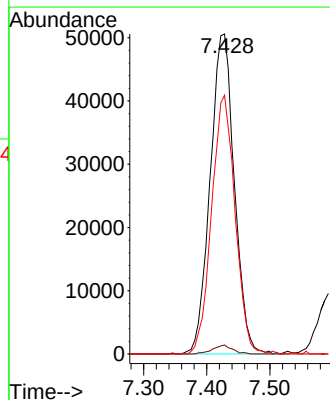
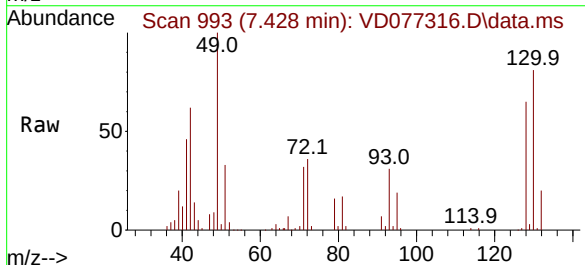
Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	239.2
98	65.9	0.0	128.6

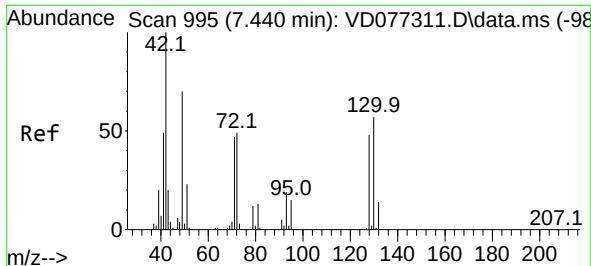


#28
 Bromochloromethane
 Concen: 48.844 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 49 Resp: 134771

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	6.0
130	78.3	83.2	124.8#

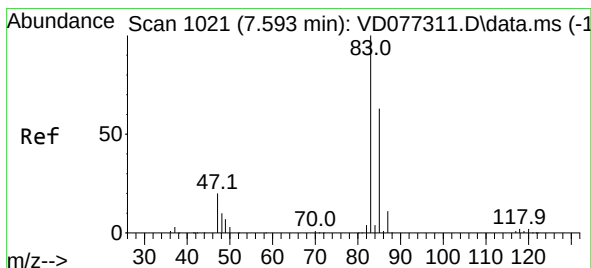
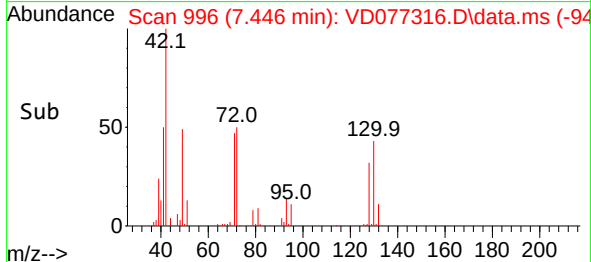
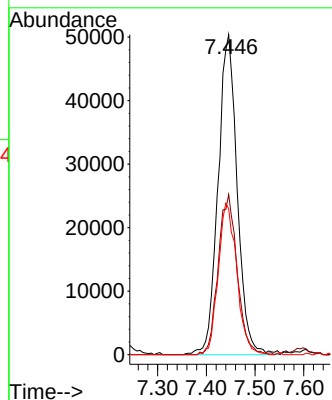
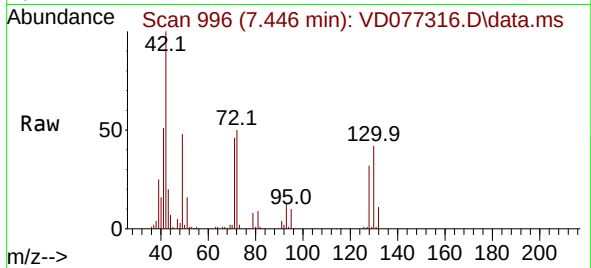




#29
Tetrahydrofuran
Concen: 236.155 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

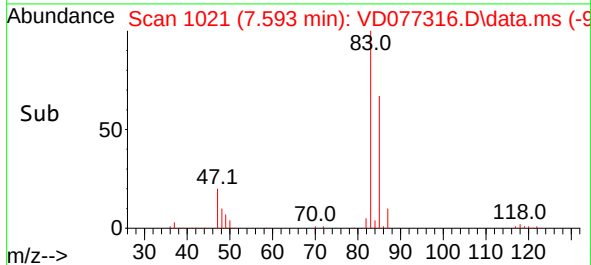
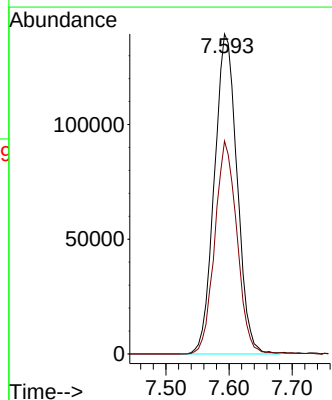
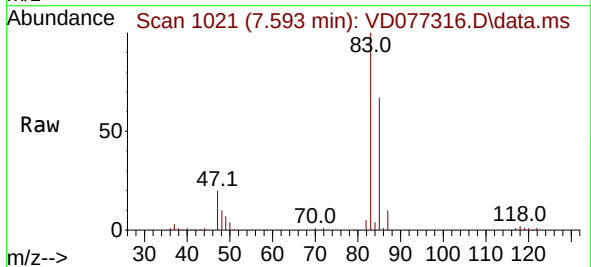
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

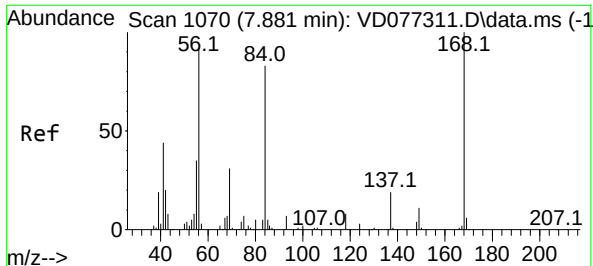
Tgt Ion: 42 Resp: 138045
Ion Ratio Lower Upper
42 100
72 49.6 46.5 69.7
71 45.9 44.5 66.7



#30
Chloroform
Concen: 48.940 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 83 Resp: 348769
Ion Ratio Lower Upper
83 100
85 66.5 53.4 80.2

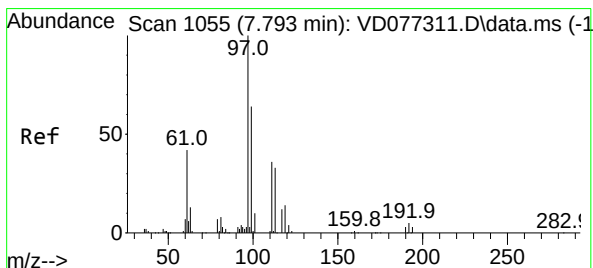
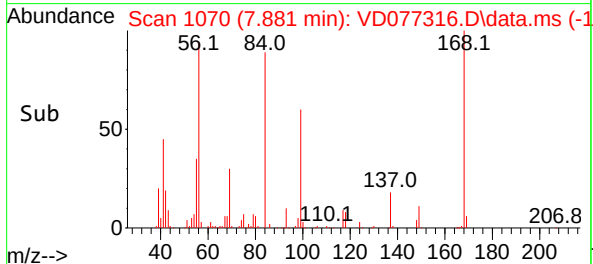
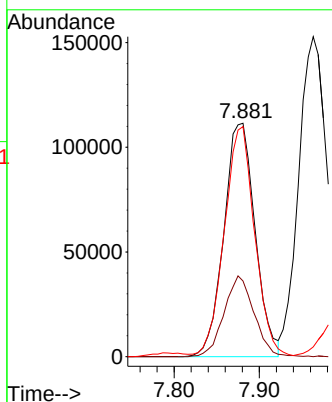
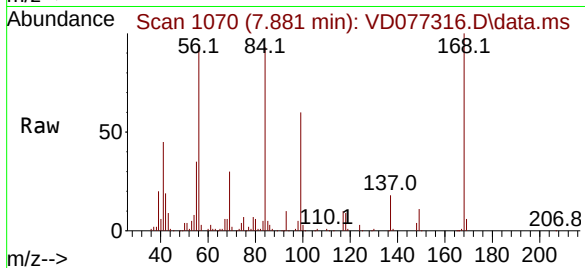




#31
Cyclohexane
Concen: 50.966 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

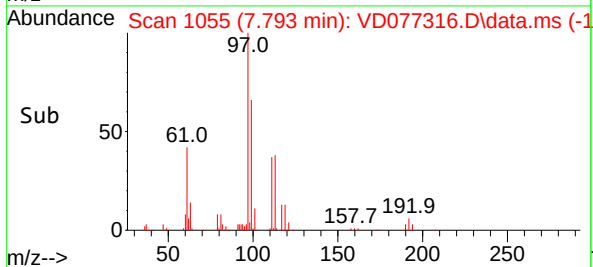
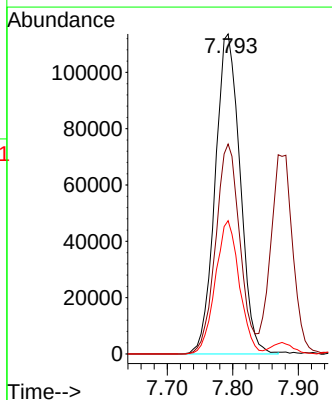
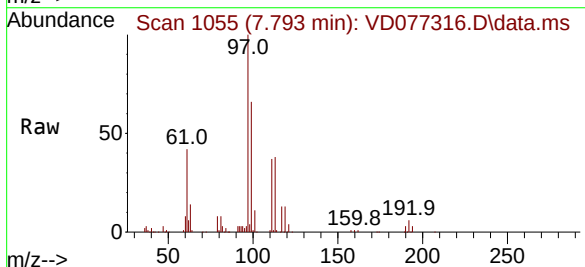
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

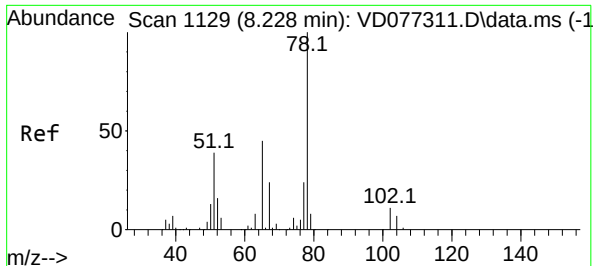
Tgt Ion: 56 Resp: 284952
Ion Ratio Lower Upper
56 100
69 32.4 28.6 43.0
84 97.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.001 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 97 Resp: 298485
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 40.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.958 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

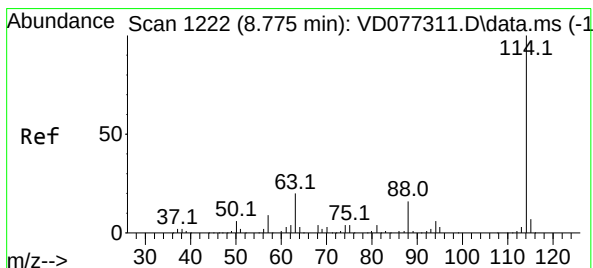
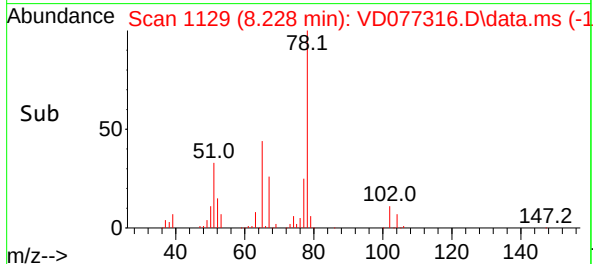
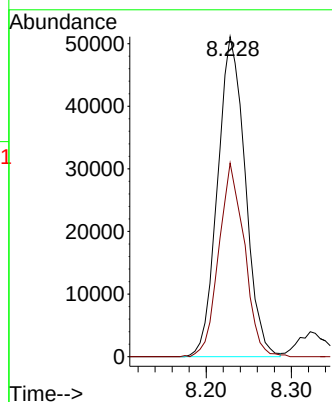
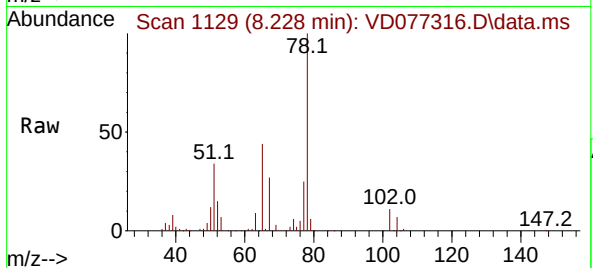
VSTD05006

Tgt Ion: 65 Resp: 115071

Ion Ratio Lower Upper

65 100

67 56.1 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

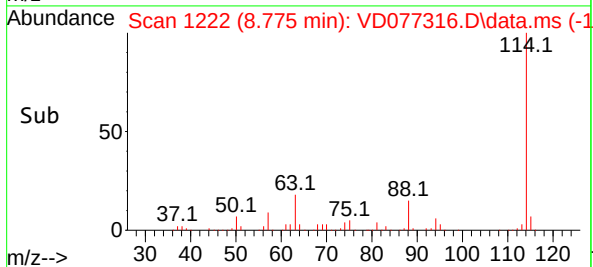
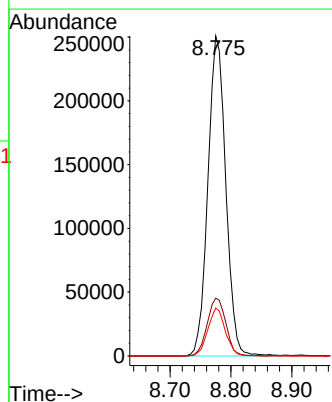
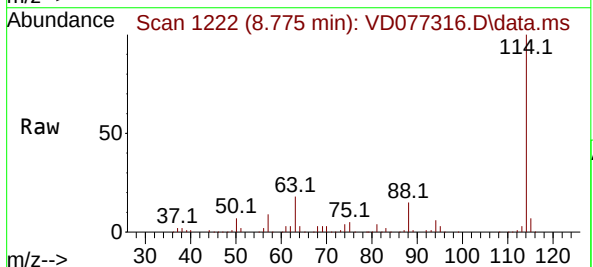
Tgt Ion: 114 Resp: 511211

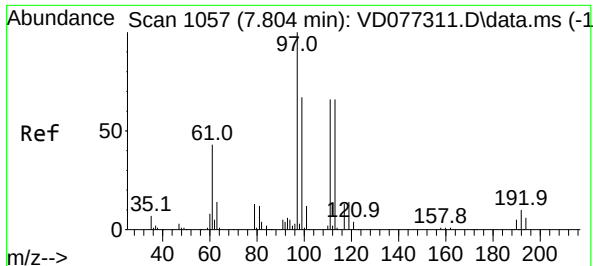
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 14.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 52.633 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

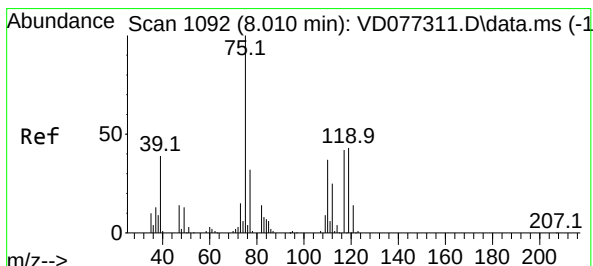
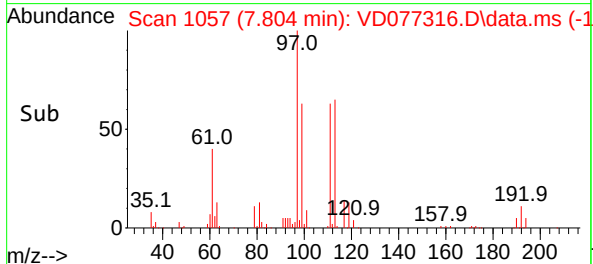
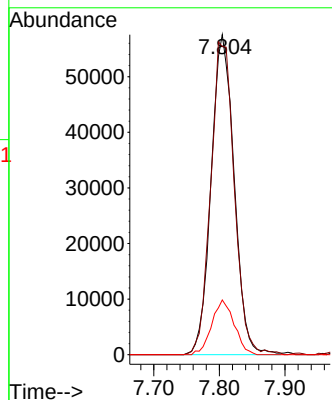
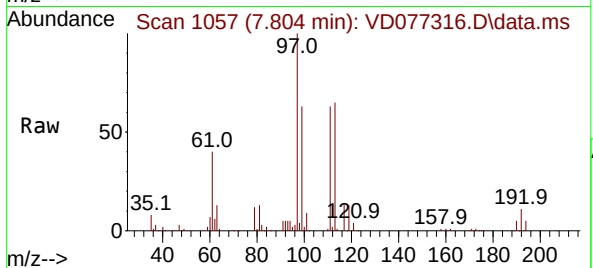
Tgt Ion:113 Resp: 140111

Ion Ratio Lower Upper

113 100

111 100.3 84.7 127.1

192 16.7 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 54.645 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

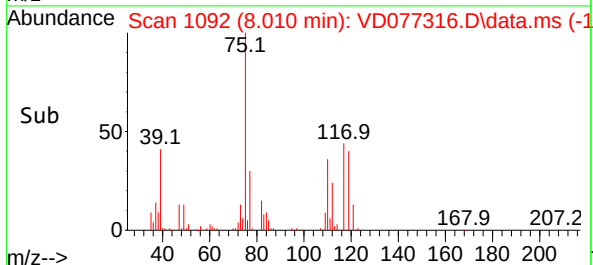
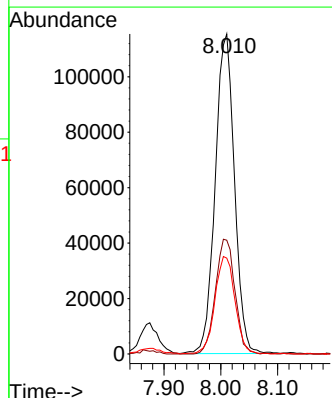
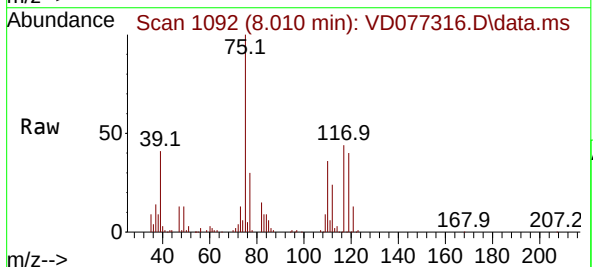
Tgt Ion: 75 Resp: 271815

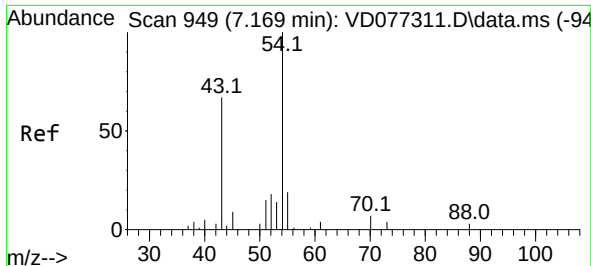
Ion Ratio Lower Upper

75 100

110 36.3 19.9 59.6

77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 46.940 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

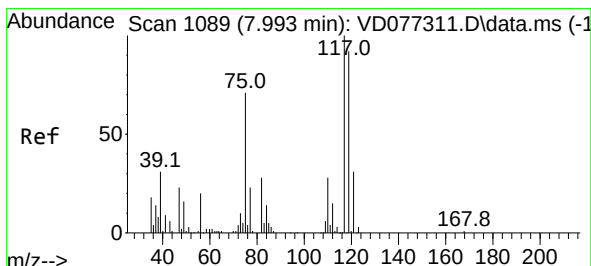
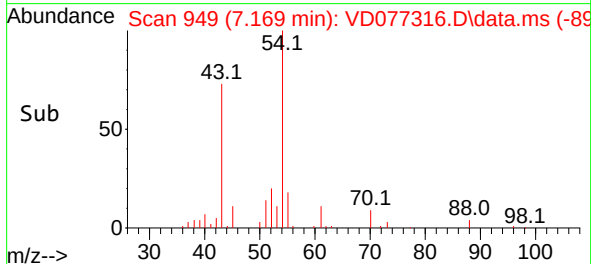
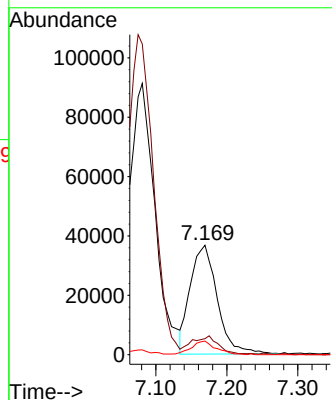
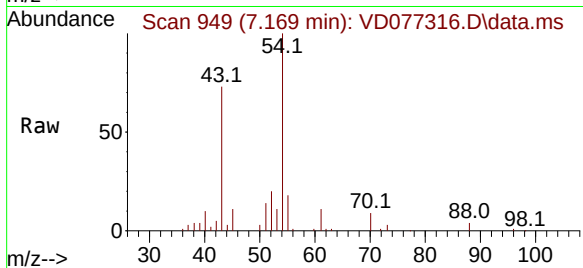
Tgt Ion: 43 Resp: 97381

Ion Ratio Lower Upper

43 100

61 16.6 14.9 22.3

70 11.3 10.0 15.0



#38

Carbon Tetrachloride

Concen: 57.023 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

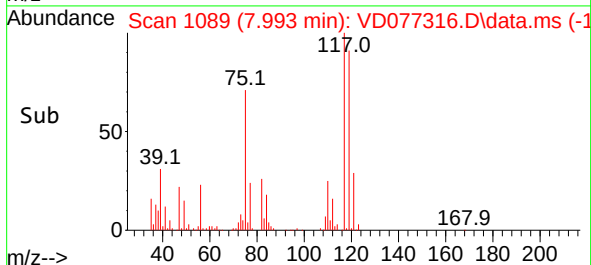
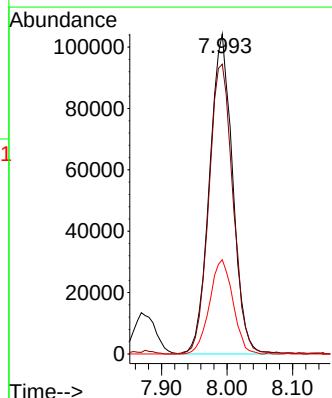
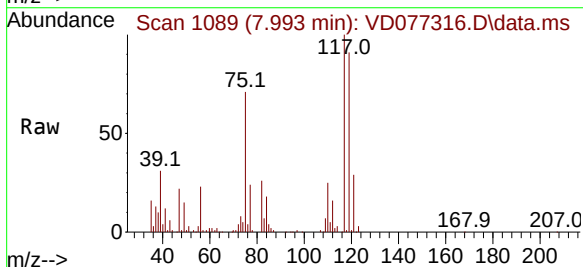
Tgt Ion: 117 Resp: 255407

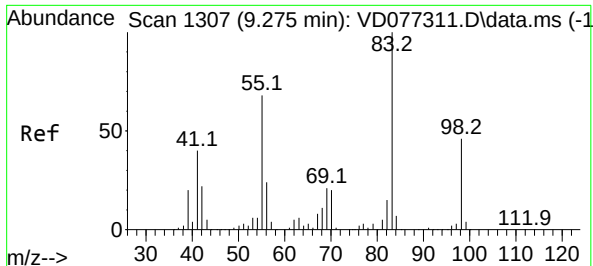
Ion Ratio Lower Upper

117 100

119 90.3 78.0 117.0

121 29.4 24.2 36.2





#39

Methylcyclohexane

Concen: 54.030 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

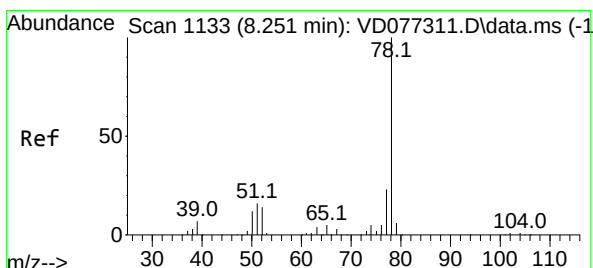
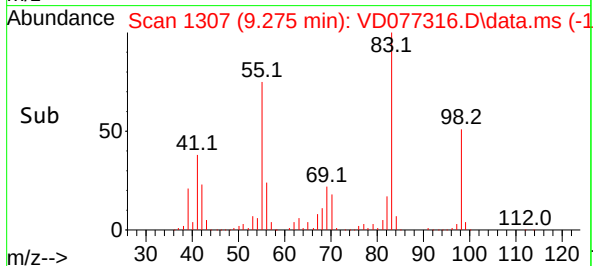
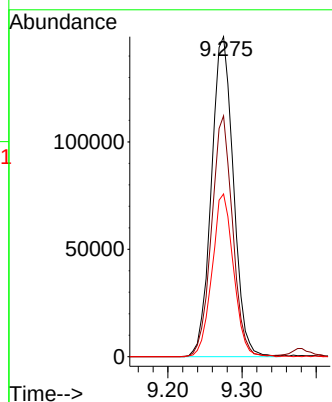
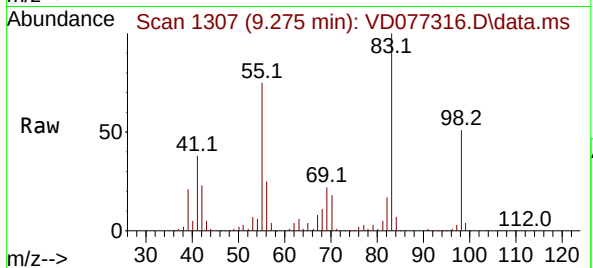
Tgt Ion: 83 Resp: 308057

Ion Ratio Lower Upper

83 100

55 75.2 49.4 74.0#

98 50.8 38.4 57.6



#40

Benzene

Concen: 53.337 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077316.D

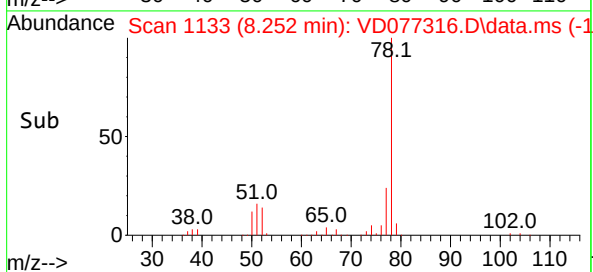
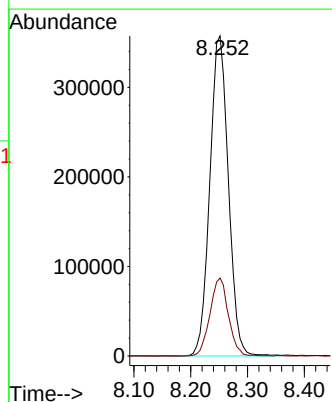
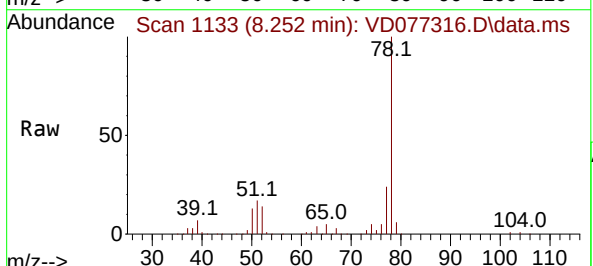
Acq: 12 Oct 2023 12:38

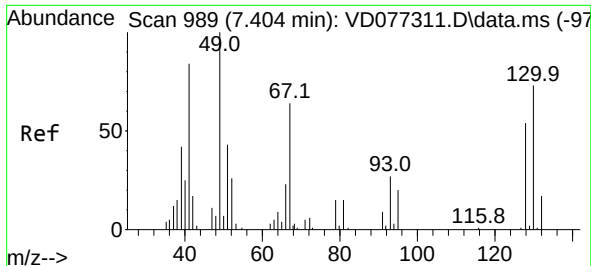
Tgt Ion: 78 Resp: 808599

Ion Ratio Lower Upper

78 100

77 24.4 19.4 29.0



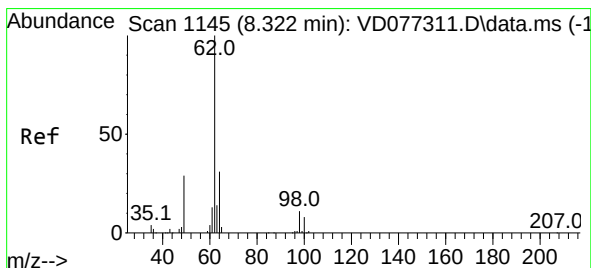
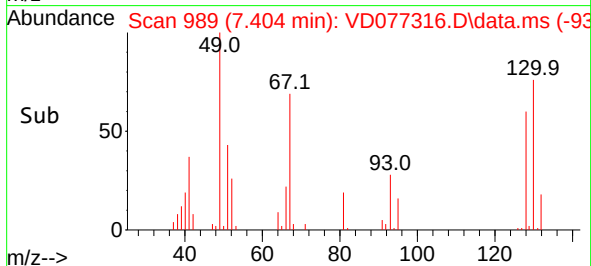
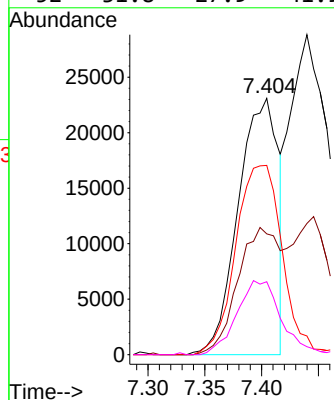
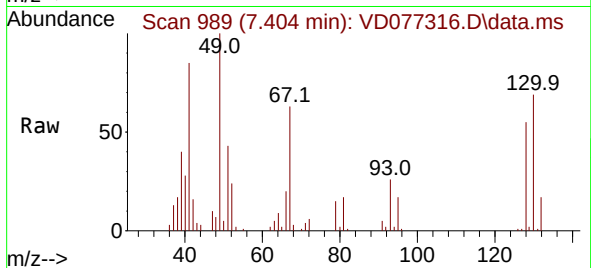


#41
Methacrylonitrile
Concen: 52.581 ug/l
RT: 7.404 min Scan# 989
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Tgt Ion: 41 Resp: 56739

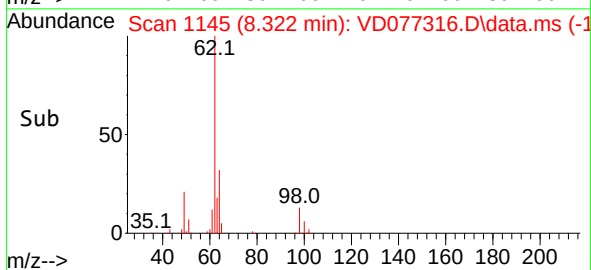
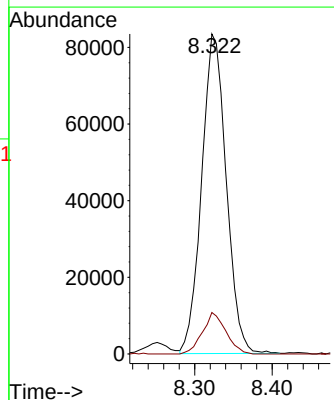
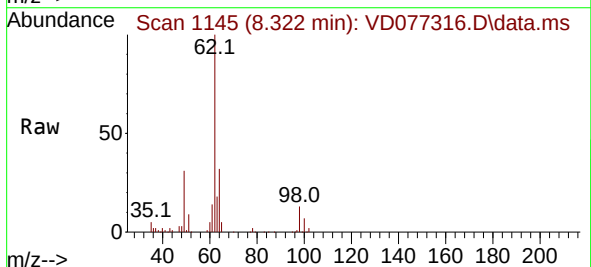
Ion	Ratio	Lower	Upper
41	100		
39	50.6	34.0	51.0
67	85.5	77.0	115.4
52	31.8	27.9	41.9

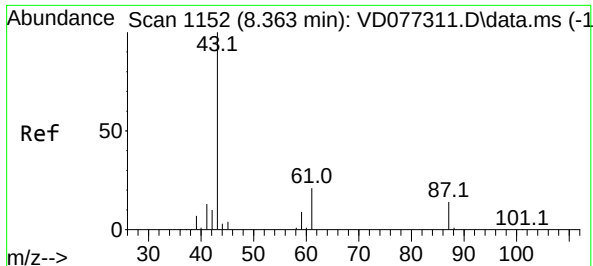


#42
1,2-Dichloroethane
Concen: 50.898 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 62 Resp: 183943

Ion	Ratio	Lower	Upper
62	100		
98	12.3	0.0	25.4





#43

Isopropyl Acetate

Concen: 51.474 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

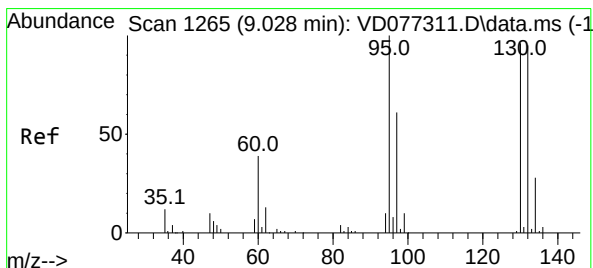
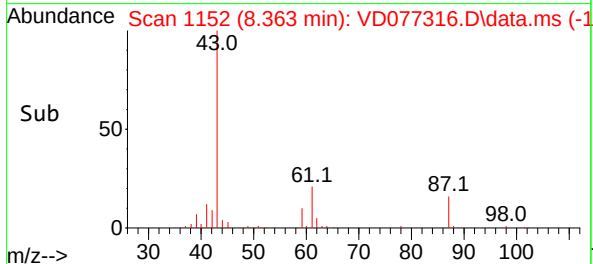
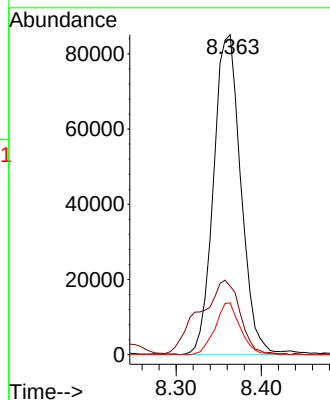
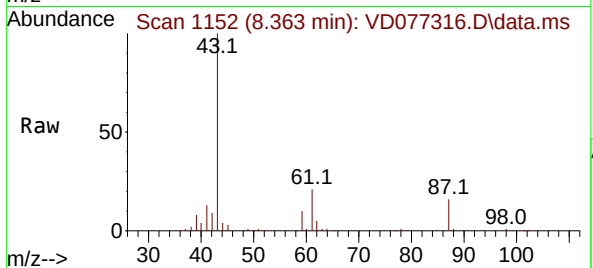
Tgt Ion: 43 Resp: 189092

Ion Ratio Lower Upper

43 100

61 34.5 31.4 47.0

87 15.0 14.9 22.3



#44

Trichloroethene

Concen: 53.749 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077316.D

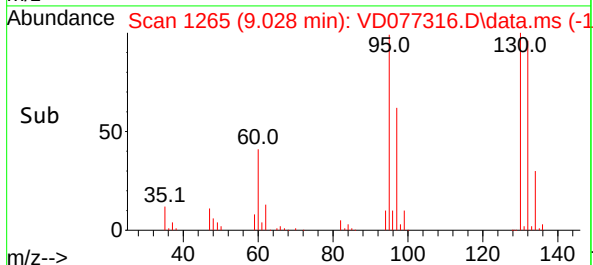
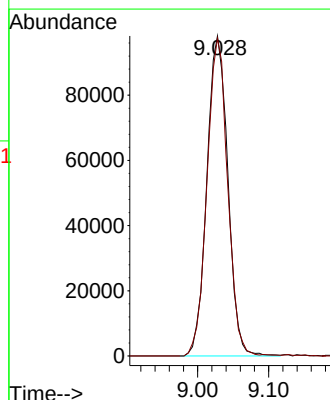
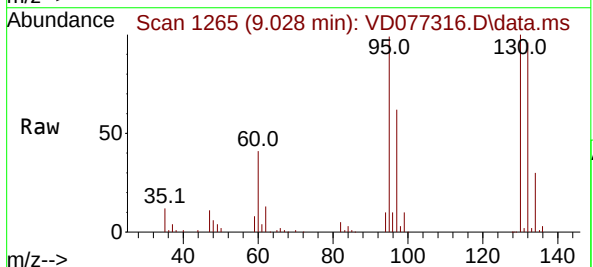
Acq: 12 Oct 2023 12:38

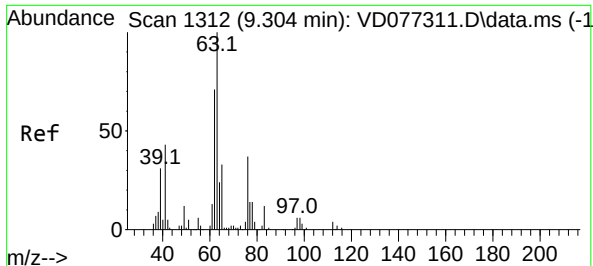
Tgt Ion:130 Resp: 201398

Ion Ratio Lower Upper

130 100

95 99.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.806 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

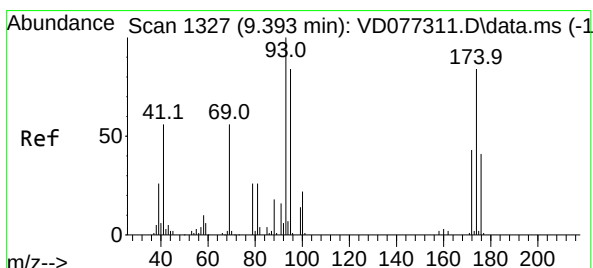
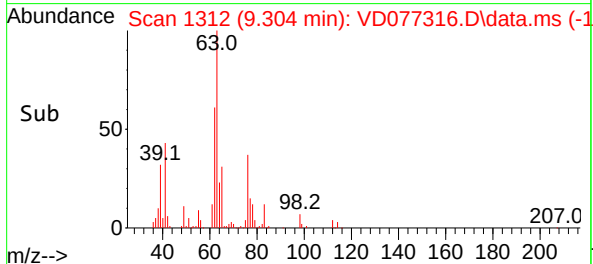
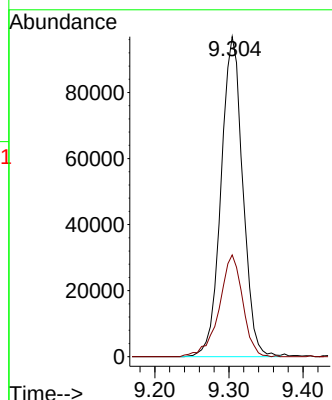
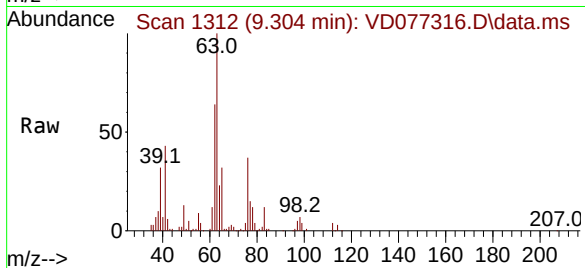
VSTD05006

Tgt Ion: 63 Resp: 197258

Ion Ratio Lower Upper

63 100

65 31.8 24.5 36.7



#46

Dibromomethane

Concen: 48.884 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

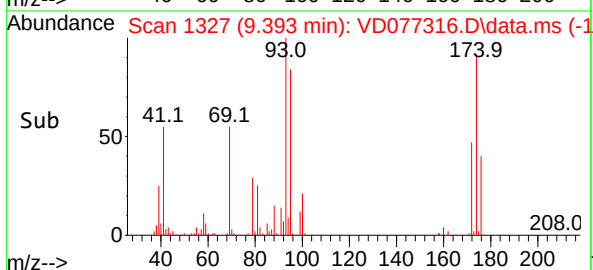
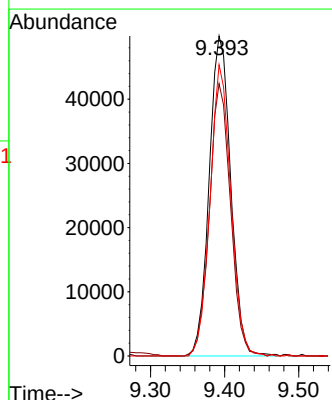
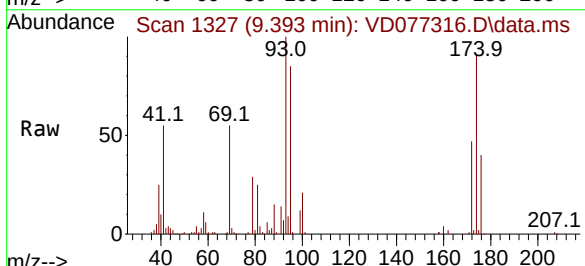
Tgt Ion: 93 Resp: 100956

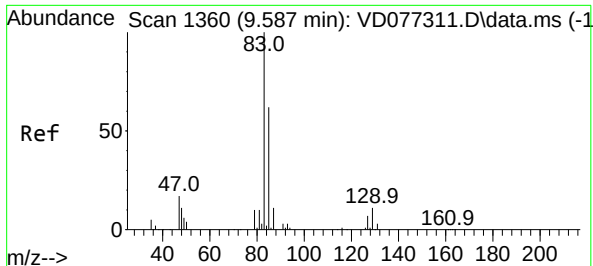
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

174 87.8 85.4 128.2

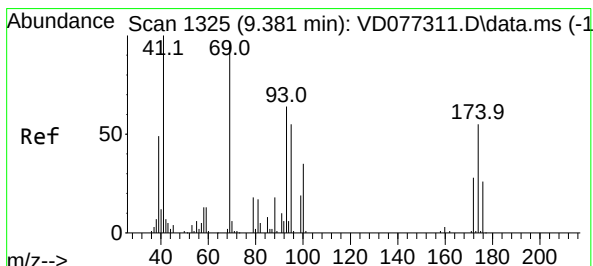
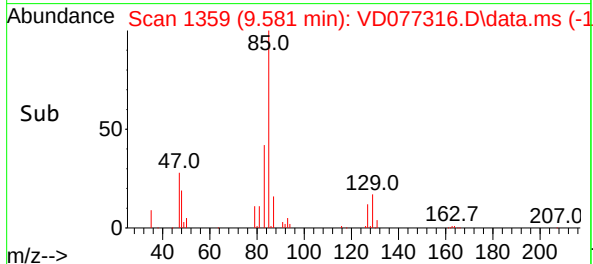
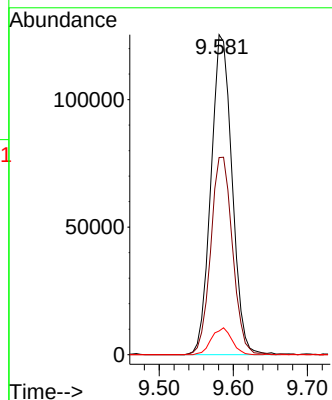
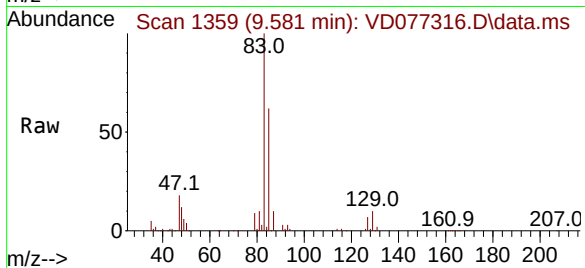




#47
Bromodichloromethane
Concen: 49.734 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

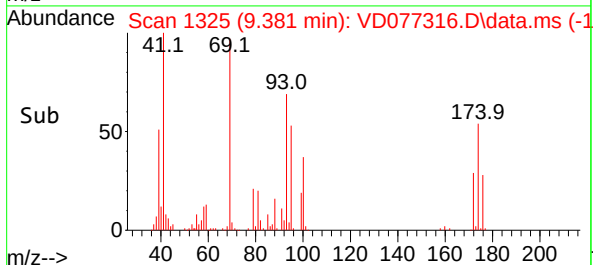
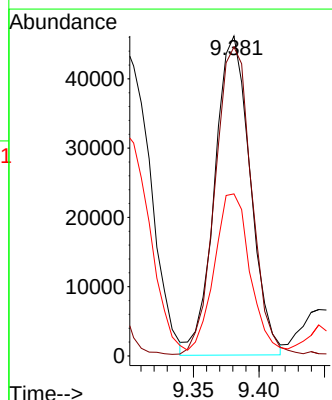
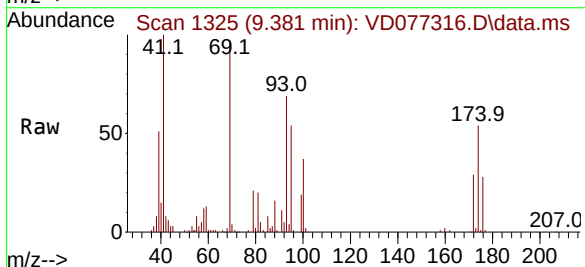
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

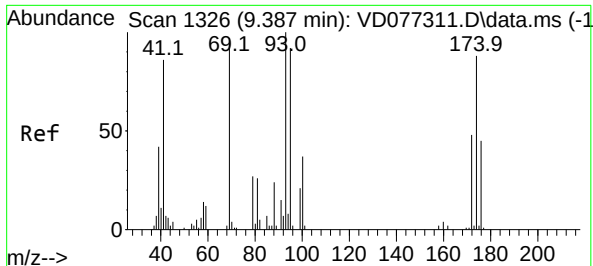
Tgt Ion: 83 Resp: 248596
Ion Ratio Lower Upper
83 100
85 61.6 50.2 75.4
127 7.4 6.3 9.5



#48
Methyl methacrylate
Concen: 49.794 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 41 Resp: 87074
Ion Ratio Lower Upper
41 100
69 98.0 102.2 153.2#
39 48.8 41.4 62.2





#49

1,4-Dioxane

Concen: 940.748 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

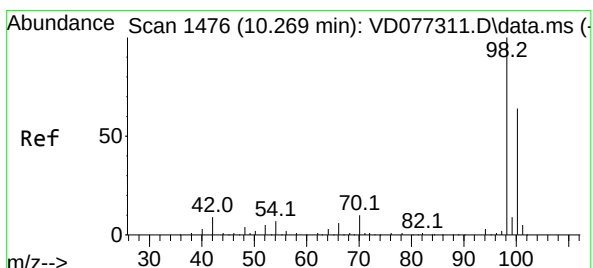
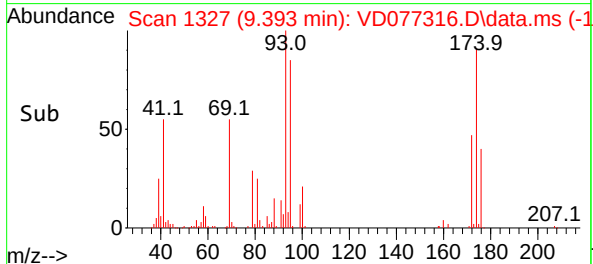
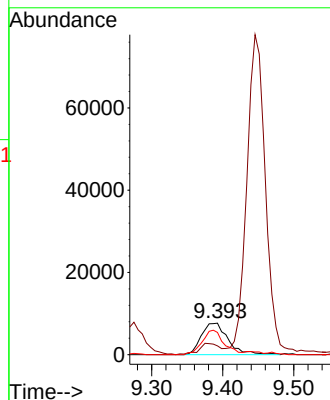
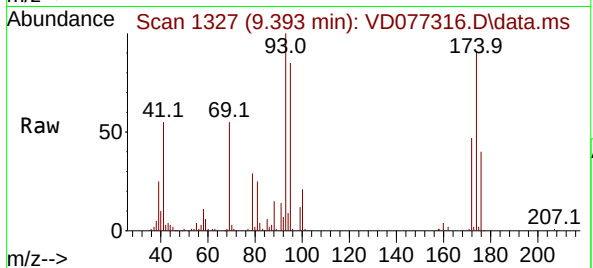
Tgt Ion: 88 Resp: 20141

Ion Ratio Lower Upper

88 100

43 26.7 19.0 28.6

58 63.2 43.5 65.3



#50

Toluene-d8

Concen: 52.301 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077316.D

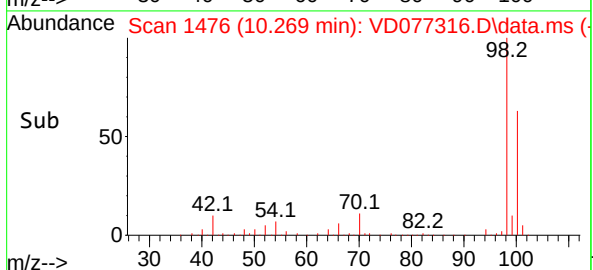
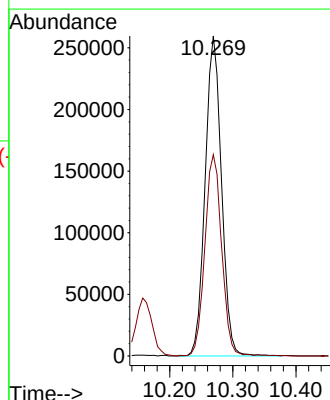
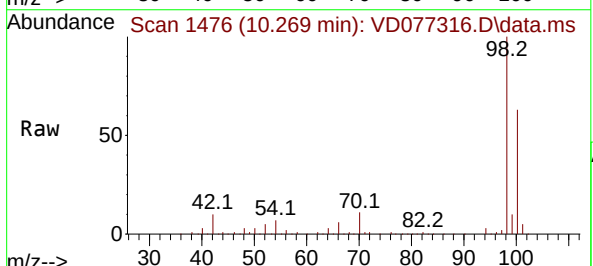
Acq: 12 Oct 2023 12:38

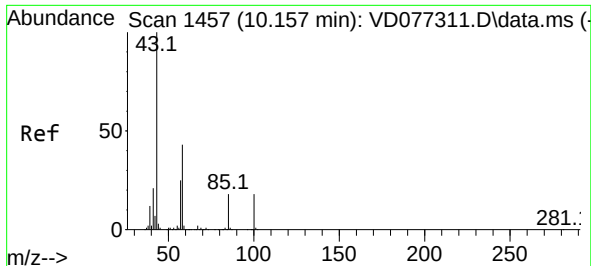
Tgt Ion: 98 Resp: 466850

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

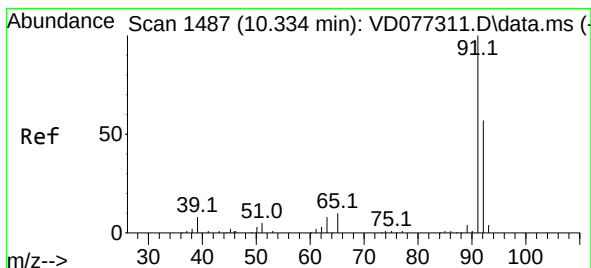
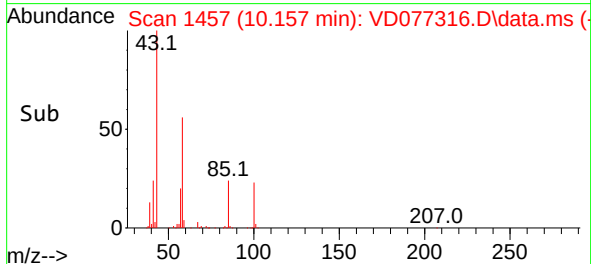
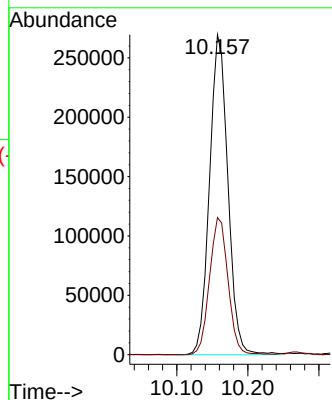
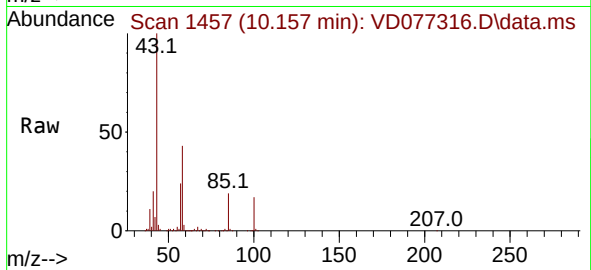




#51
4-Methyl-2-Pentanone
Concen: 251.849 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

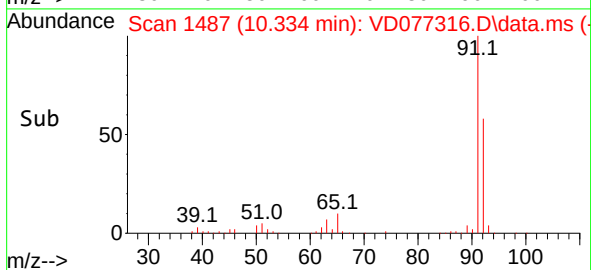
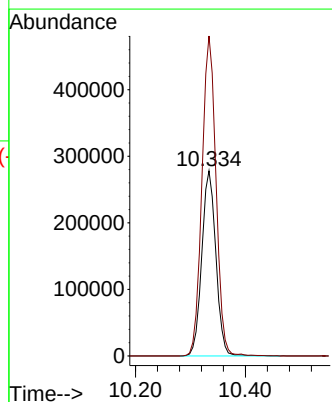
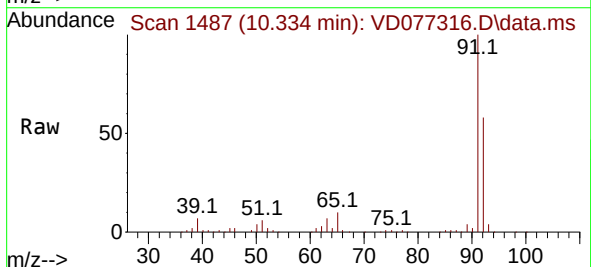
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

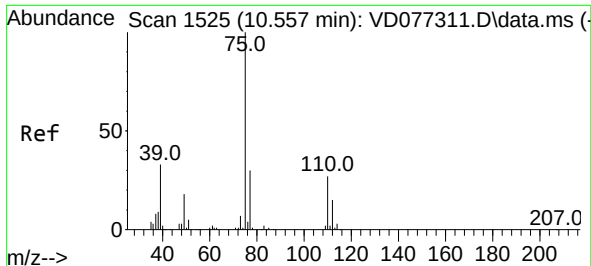
Tgt Ion: 43 Resp: 484048
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3



#52
Toluene
Concen: 52.730 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 92 Resp: 494645
Ion Ratio Lower Upper
92 100
91 172.7 143.0 214.4

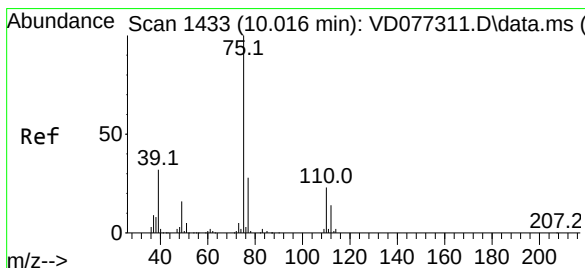
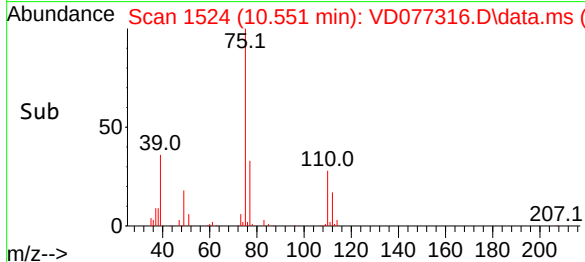
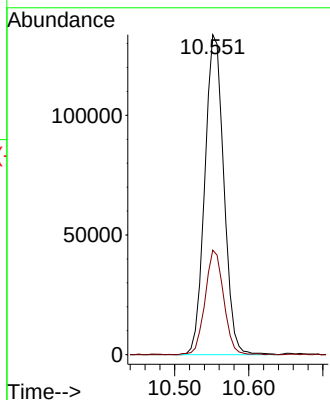
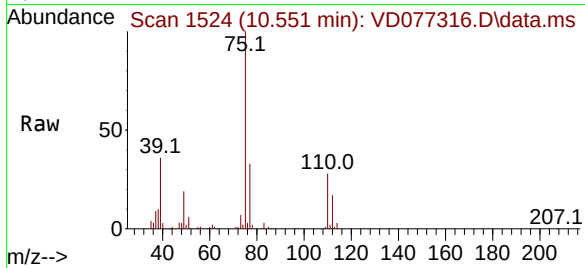




#53
t-1,3-Dichloropropene
Concen: 49.948 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

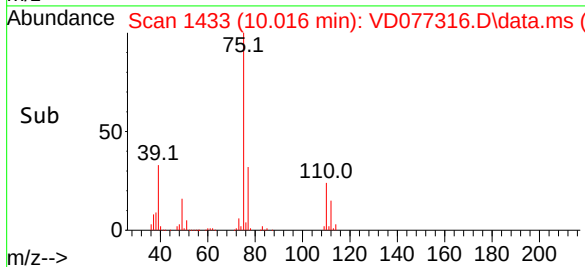
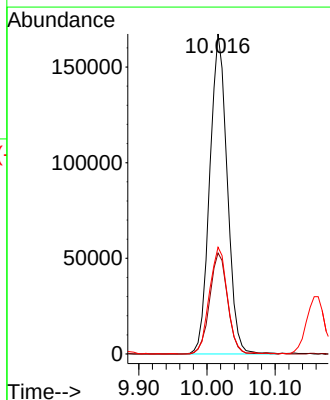
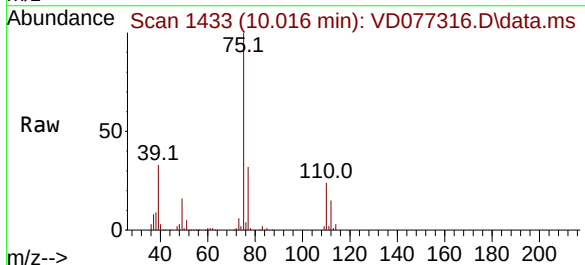
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

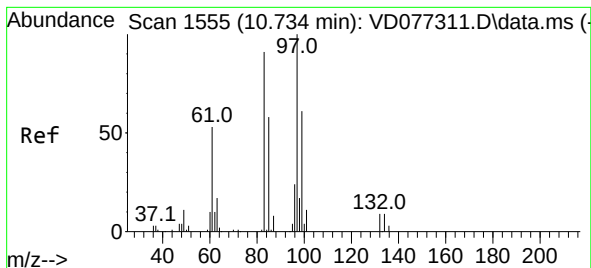
Tgt Ion: 75 Resp: 237953
Ion Ratio Lower Upper
75 100
77 32.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.725 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 75 Resp: 298622
Ion Ratio Lower Upper
75 100
77 31.6 25.5 38.3
39 33.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 49.328 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

Tgt Ion: 97 Resp: 137641

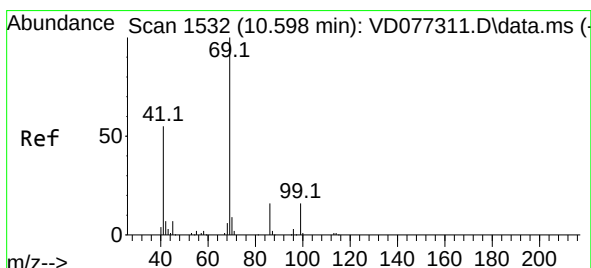
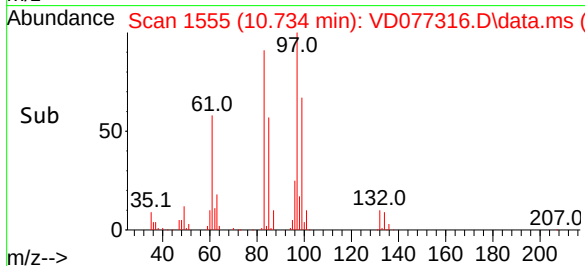
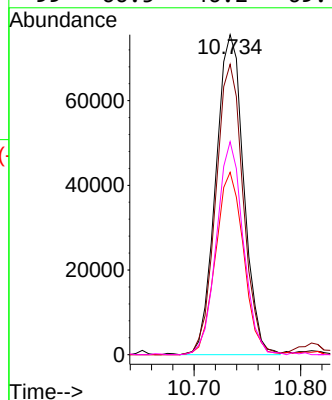
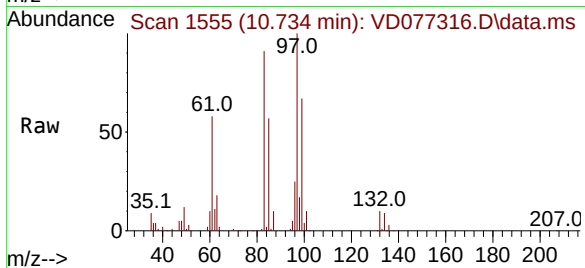
Ion Ratio Lower Upper

97 100

83 90.8 65.8 98.6

85 57.0 45.7 68.5

99 66.5 46.2 69.4



#56

Ethyl methacrylate

Concen: 47.340 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

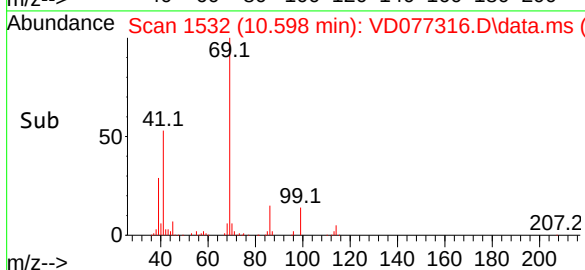
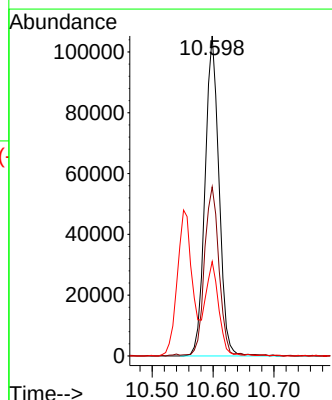
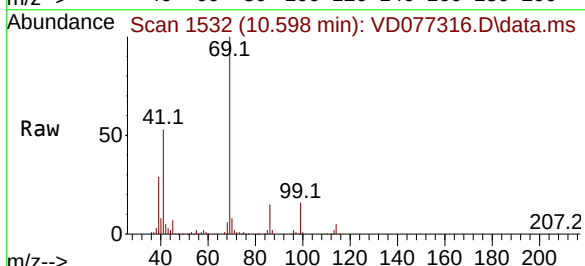
Tgt Ion: 69 Resp: 168150

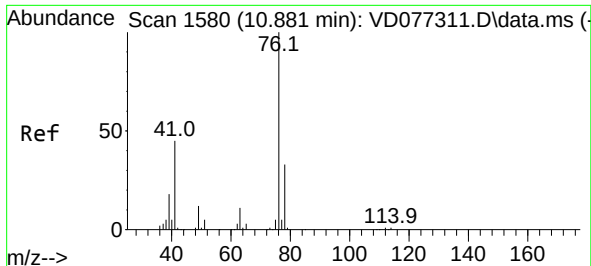
Ion Ratio Lower Upper

69 100

41 55.4 39.1 58.7

39 26.1 20.0 30.0





#57

1,3-Dichloropropane

Concen: 49.308 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

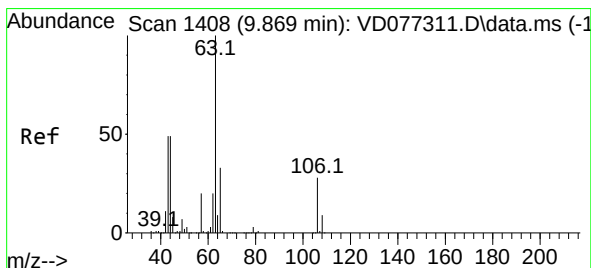
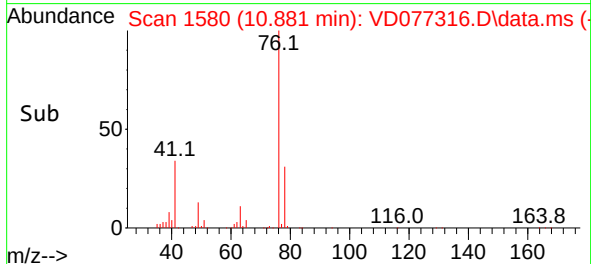
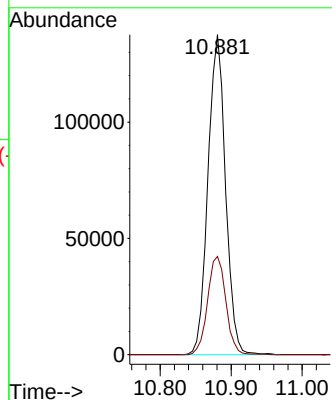
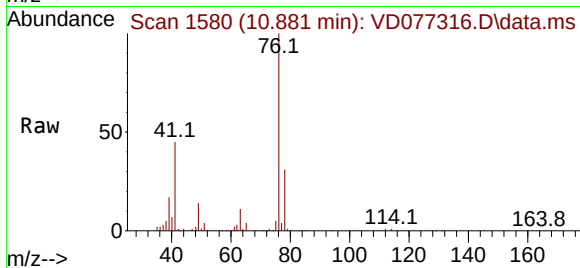
VSTD05006

Tgt Ion: 76 Resp: 236223

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 215.844 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077316.D

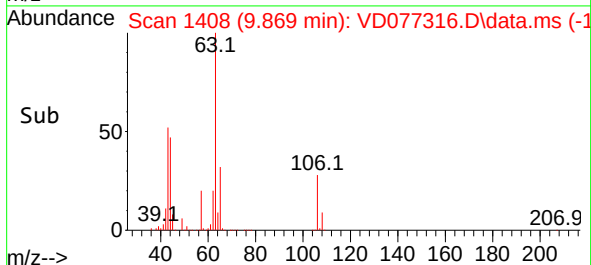
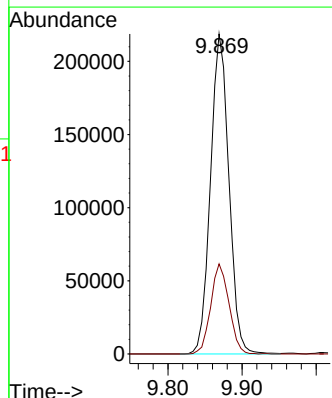
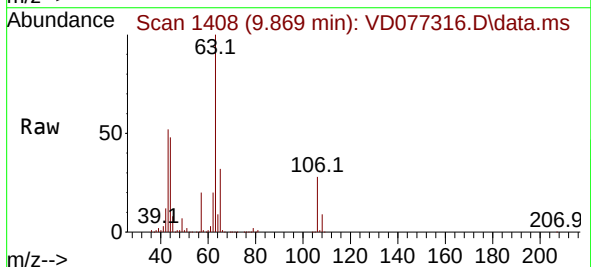
Acq: 12 Oct 2023 12:38

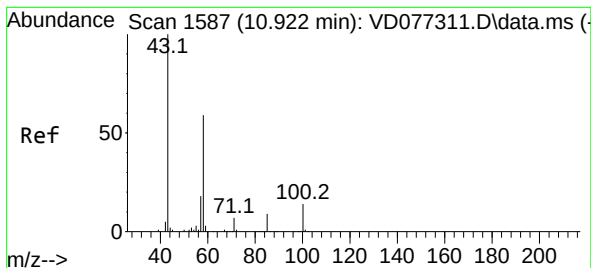
Tgt Ion: 63 Resp: 377996

Ion Ratio Lower Upper

63 100

106 27.8 25.3 37.9

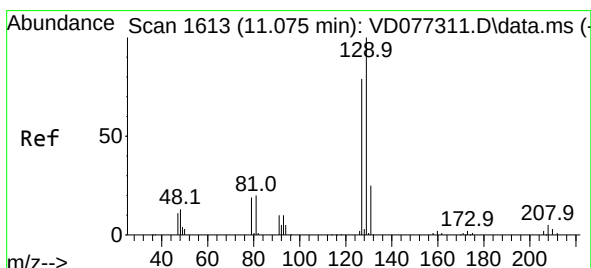
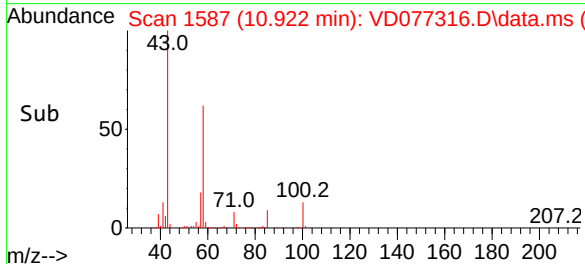
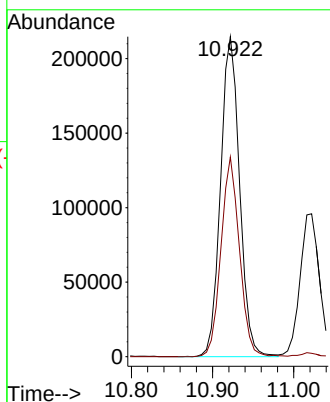
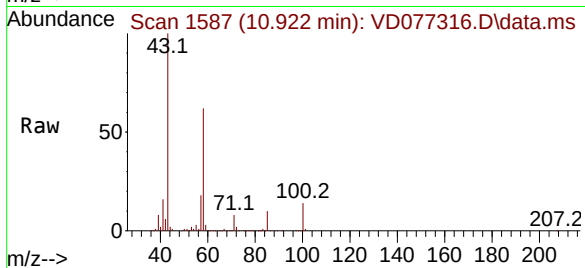




#59
2-Hexanone
Concen: 256.712 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

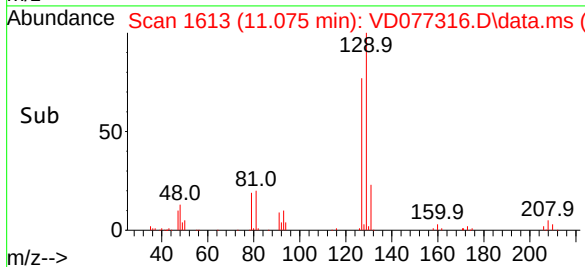
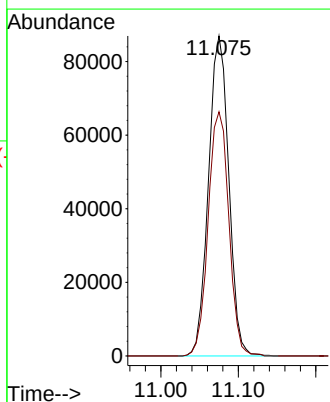
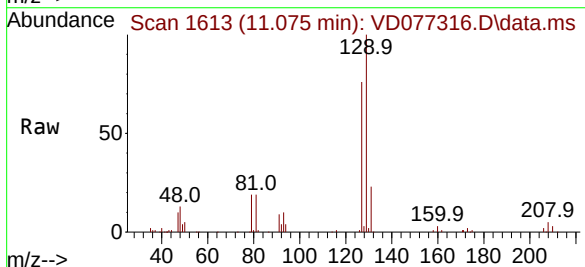
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

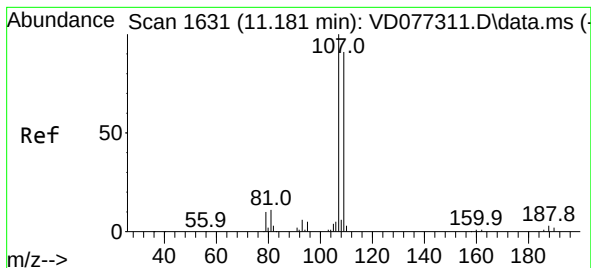
Tgt Ion: 43 Resp: 350382
Ion Ratio Lower Upper
43 100
58 60.6 34.1 102.2



#60
Dibromochloromethane
Concen: 49.451 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 129 Resp: 157922
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

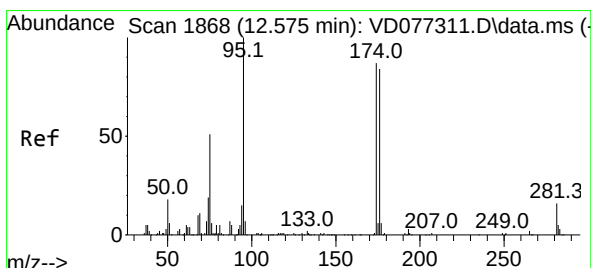
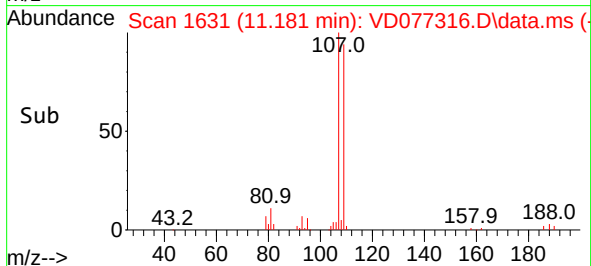
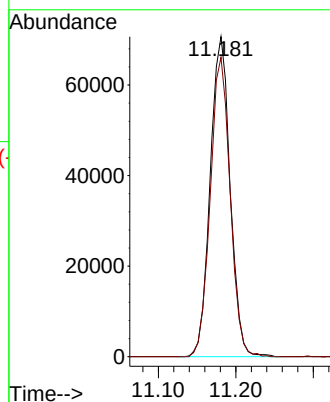
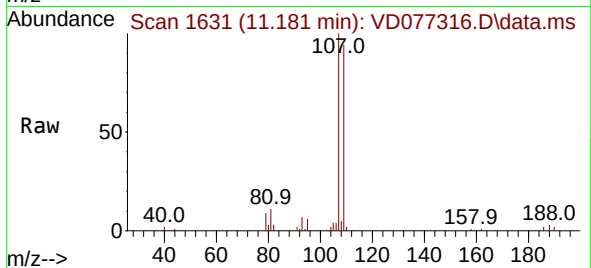




#61
1,2-Dibromoethane
Concen: 49.000 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

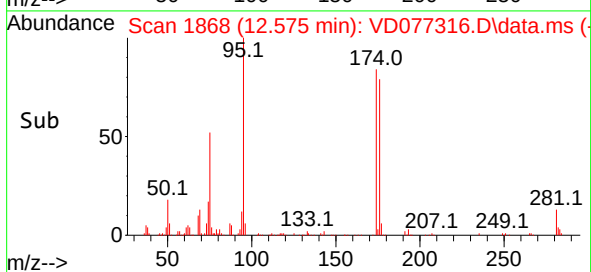
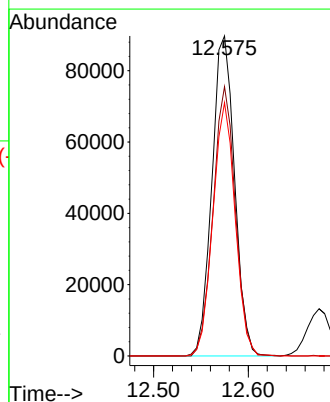
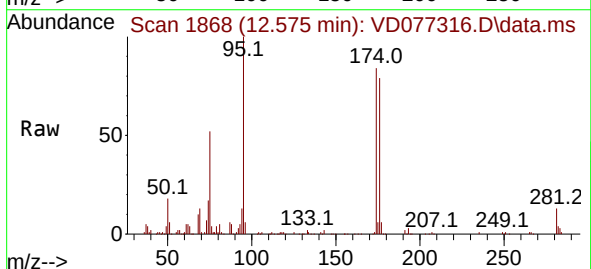
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

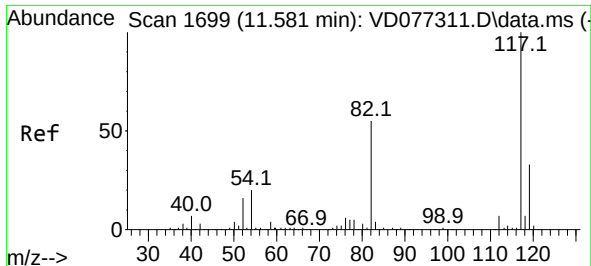
Tgt Ion:107 Resp: 126100
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.758 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 95 Resp: 149174
Ion Ratio Lower Upper
95 100
174 82.8 0.0 201.8
176 77.7 0.0 191.8

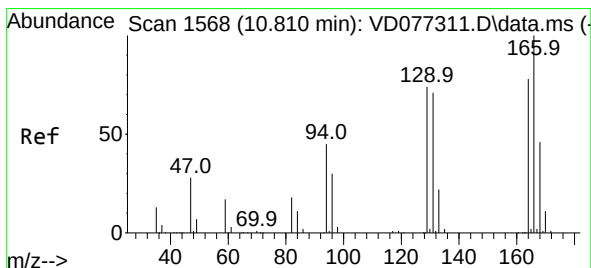
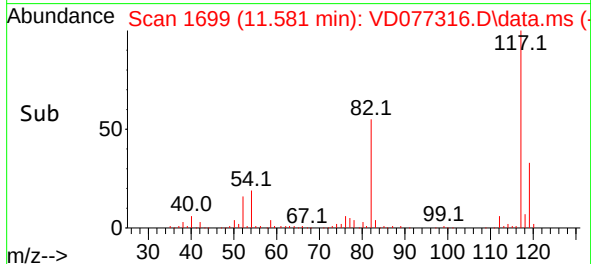
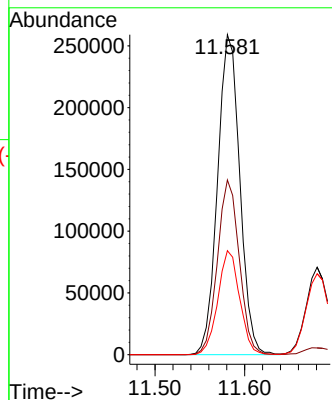
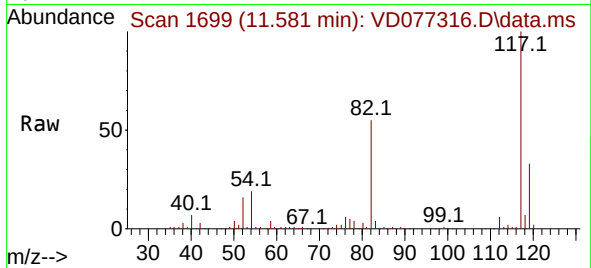




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

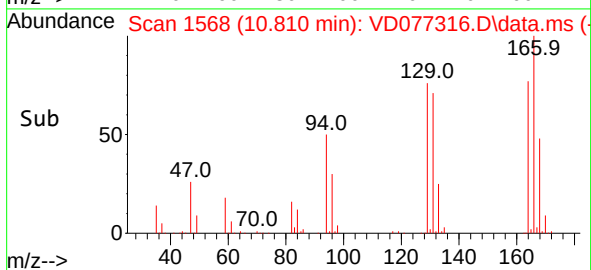
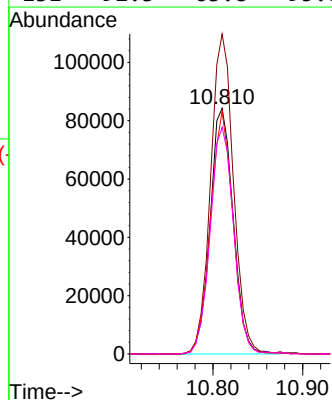
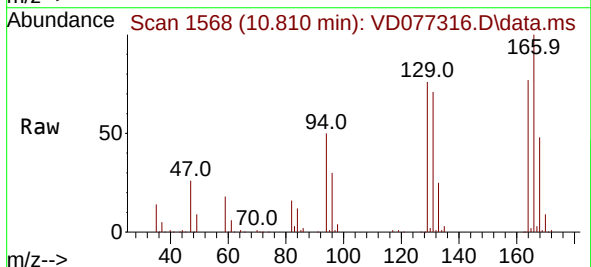
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

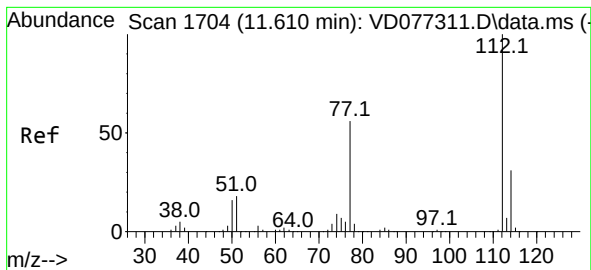
Tgt Ion:117 Resp: 446155
Ion Ratio Lower Upper
117 100
82 54.6 38.3 57.5
119 32.5 25.0 37.4



#64
Tetrachloroethene
Concen: 53.508 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion:164 Resp: 151038
Ion Ratio Lower Upper
164 100
166 130.3 99.2 148.8
129 98.9 68.4 102.6
131 92.3 63.8 95.8

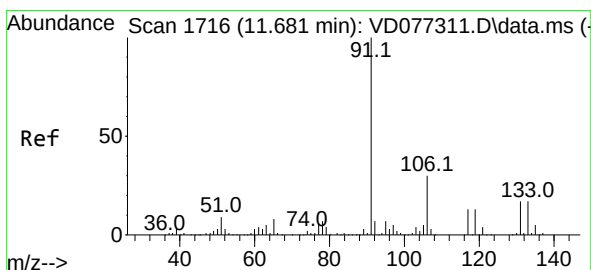
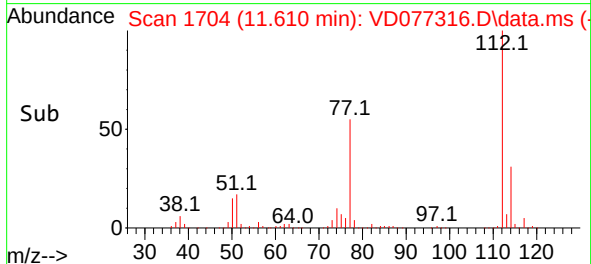
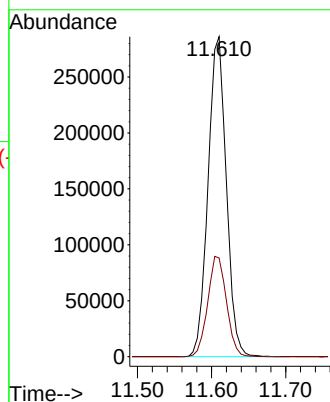
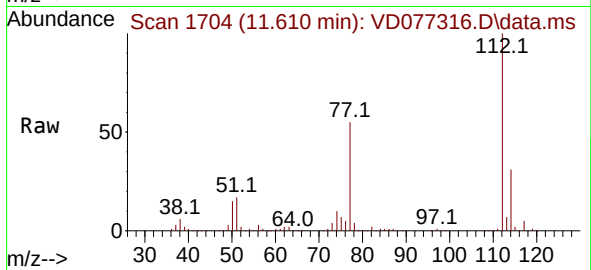




#65
Chlorobenzene
Concen: 53.007 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

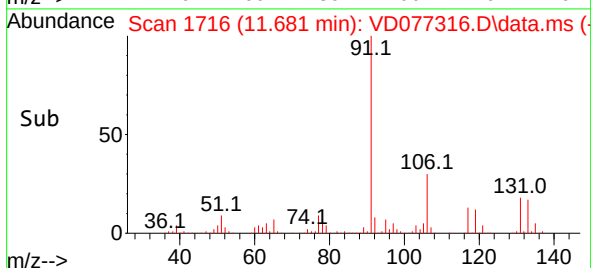
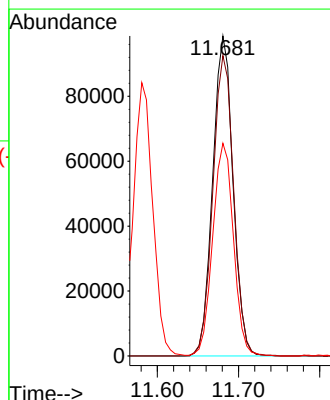
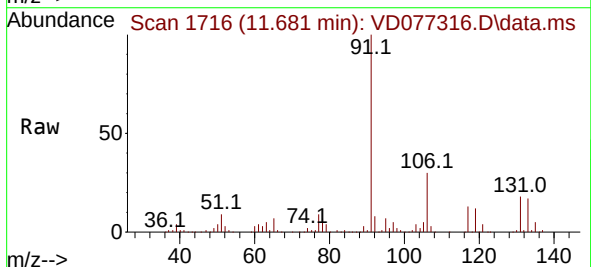
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

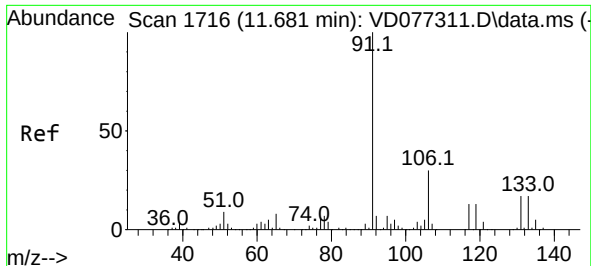
Tgt Ion:112 Resp: 489304
Ion Ratio Lower Upper
112 100
114 30.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 52.370 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion:131 Resp: 171398
Ion Ratio Lower Upper
131 100
133 96.1 48.5 145.5
119 68.0 35.6 106.9





#67

Ethyl Benzene

Concen: 55.149 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

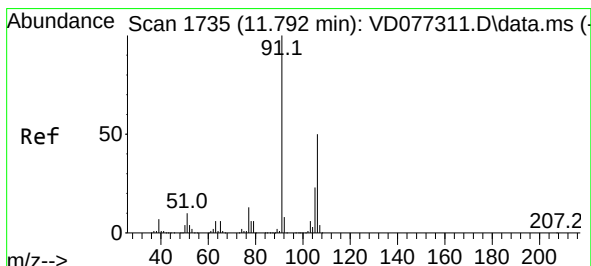
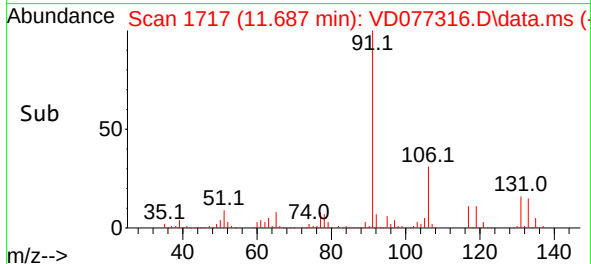
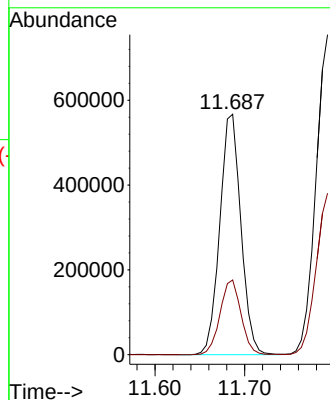
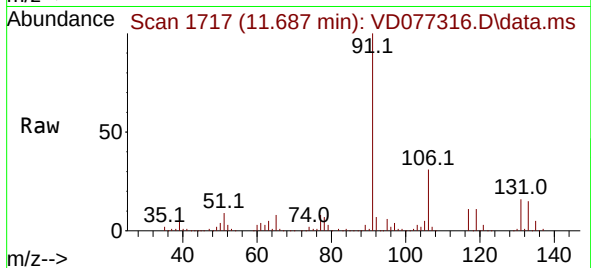
VSTD05006

Tgt Ion: 91 Resp: 927493

Ion Ratio Lower Upper

91 100

106 31.1 26.5 39.7



#68

m/p-Xylenes

Concen: 111.389 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077316.D

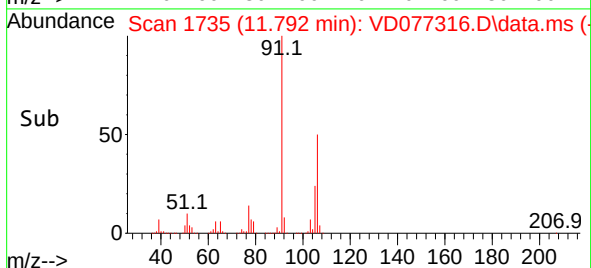
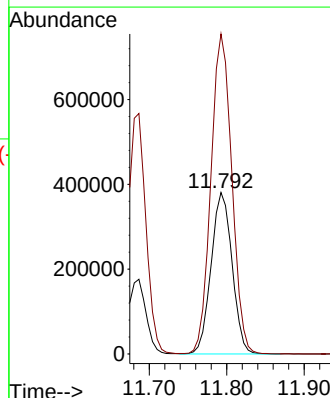
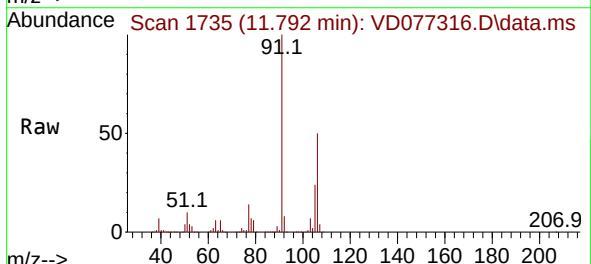
Acq: 12 Oct 2023 12:38

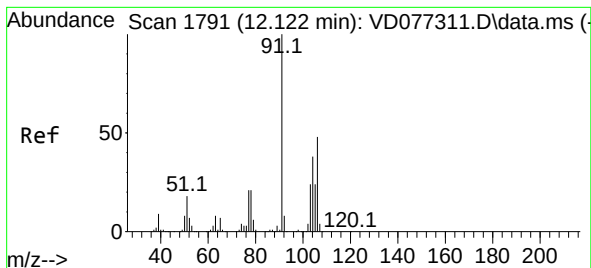
Tgt Ion:106 Resp: 715023

Ion Ratio Lower Upper

106 100

91 198.2 147.0 220.6





#69

o-Xylene

Concen: 54.879 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

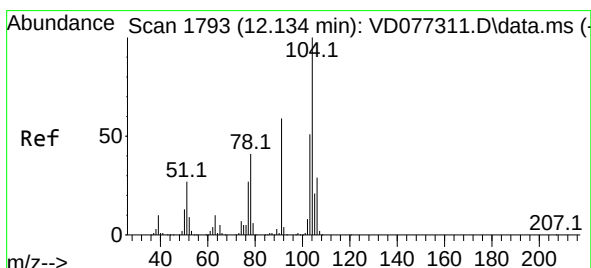
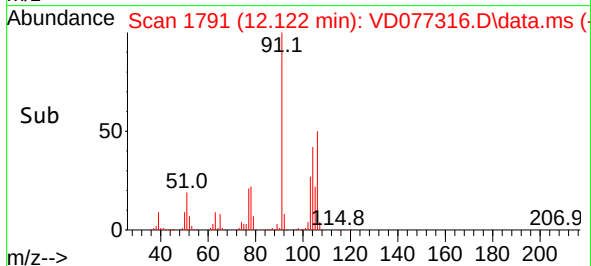
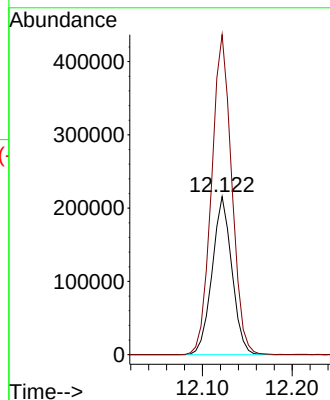
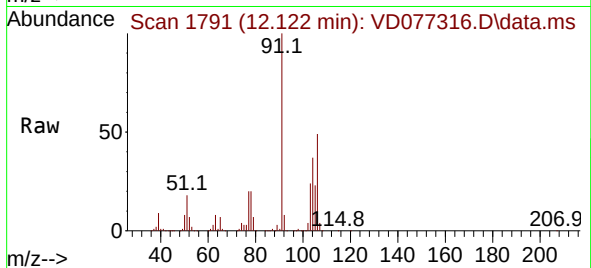
VSTD05006

Tgt Ion:106 Resp: 329207

Ion Ratio Lower Upper

106 100

91 207.5 97.9 293.6



#70

Styrene

Concen: 54.635 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

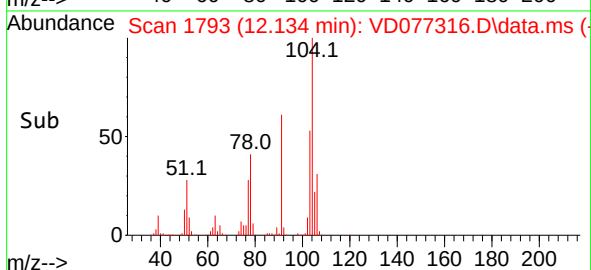
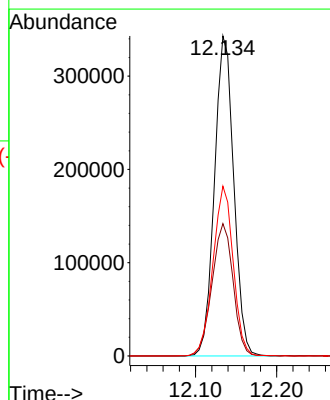
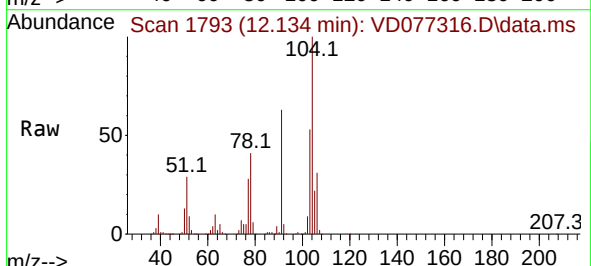
Tgt Ion:104 Resp: 566630

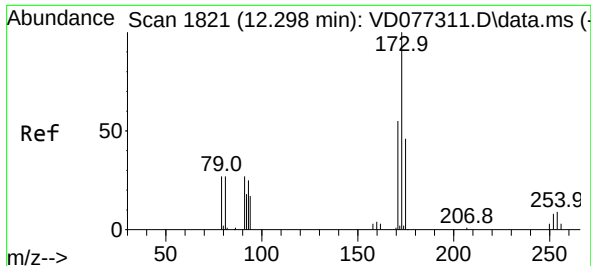
Ion Ratio Lower Upper

104 100

78 45.2 33.2 49.8

103 55.7 43.6 65.4

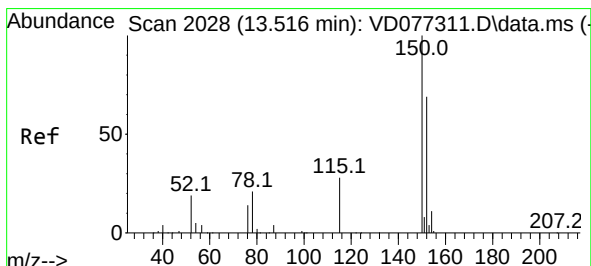
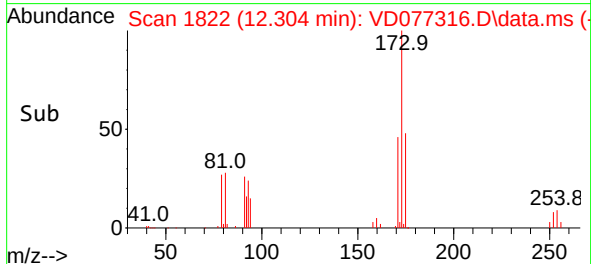
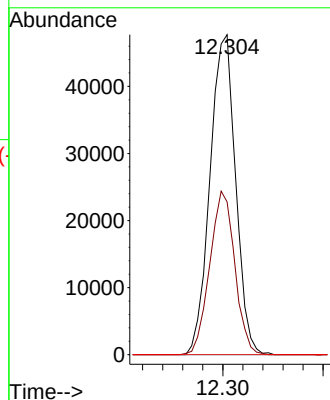
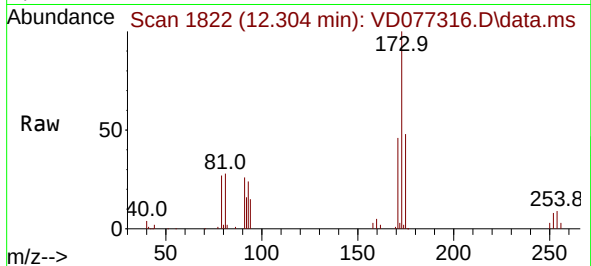




#71
Bromoform
Concen: 51.243 ug/l
RT: 12.304 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

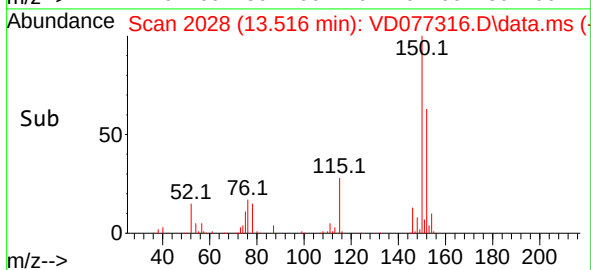
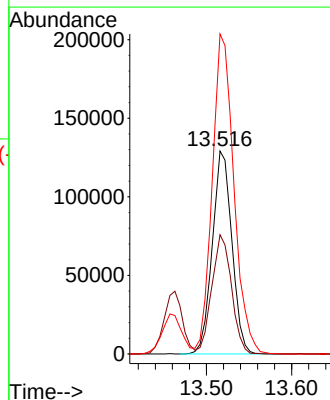
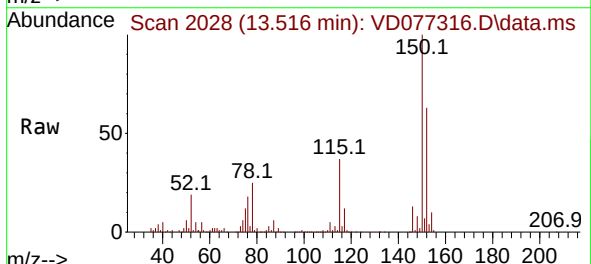
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

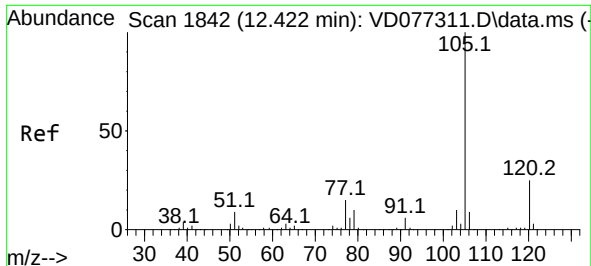
Tgt Ion:173 Resp: 84564
Ion Ratio Lower Upper
173 100
175 49.9 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion:152 Resp: 206150
Ion Ratio Lower Upper
152 100
115 59.0 27.1 81.3
150 174.0 0.0 353.6

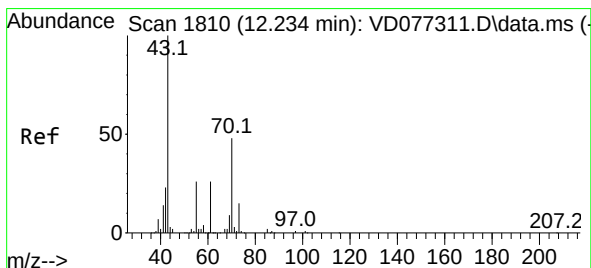
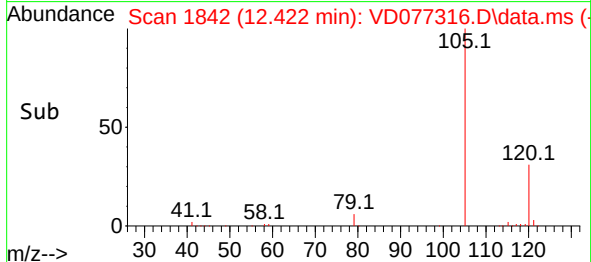
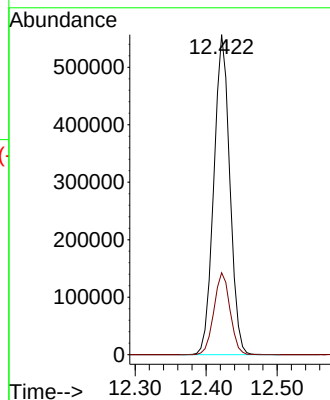
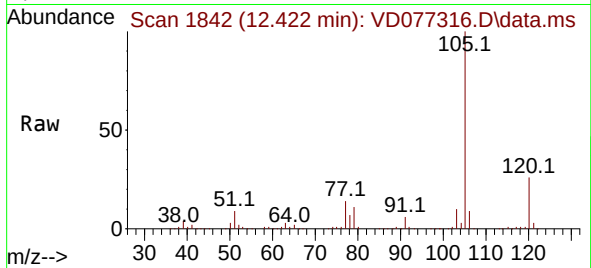




#73
Isopropylbenzene
Concen: 56.122 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

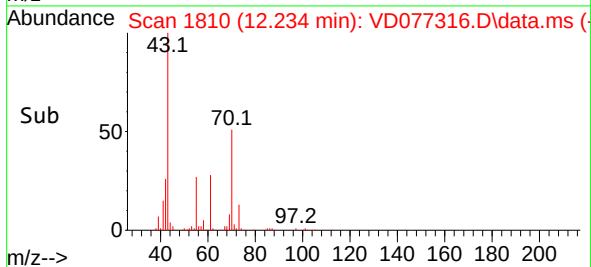
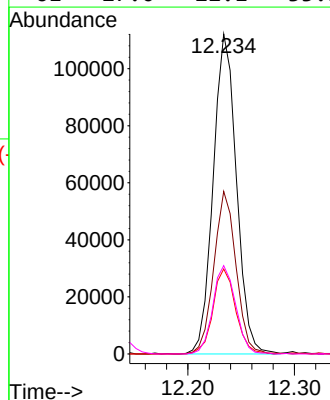
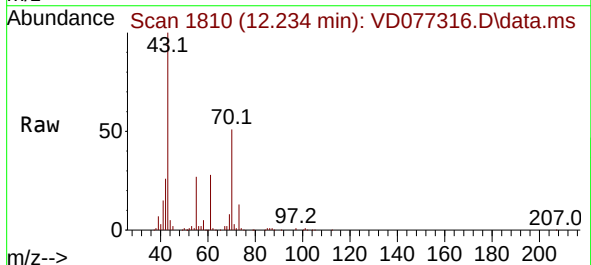
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

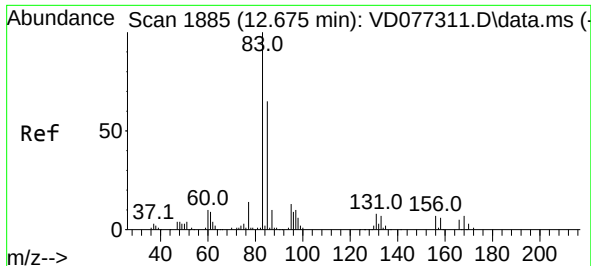
Tgt Ion:105 Resp: 870850
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9



#74
N-ethyl acetate
Concen: 52.698 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 43 Resp: 169997
Ion Ratio Lower Upper
43 100
70 48.5 45.0 67.4
55 26.0 23.8 35.6
61 27.0 22.1 33.1

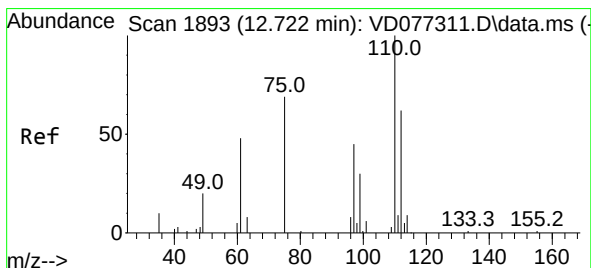
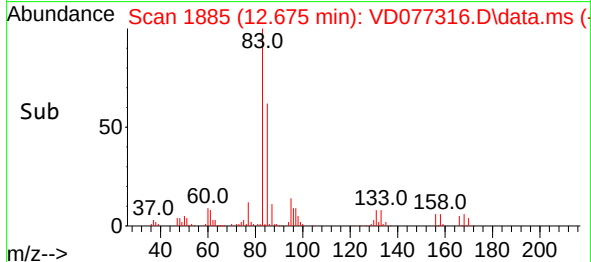
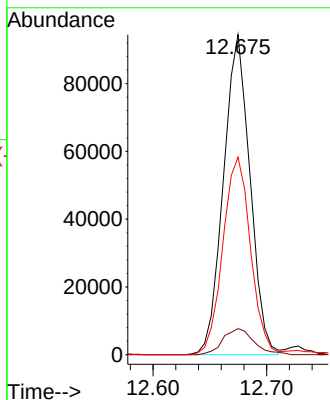
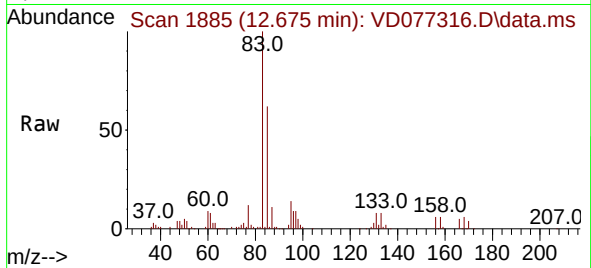




#75
 1,1,2-Tetrachloroethane
 Concen: 50.504 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

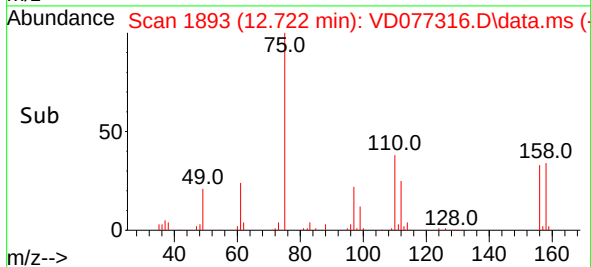
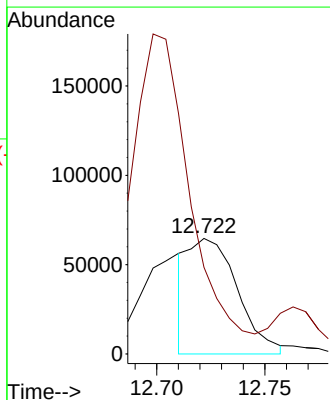
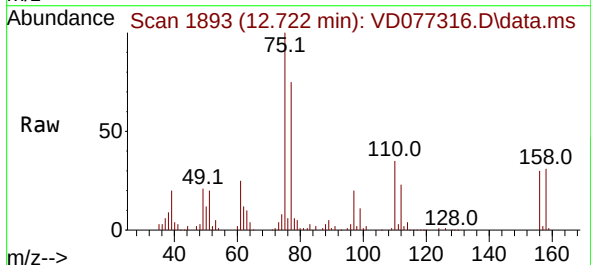
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

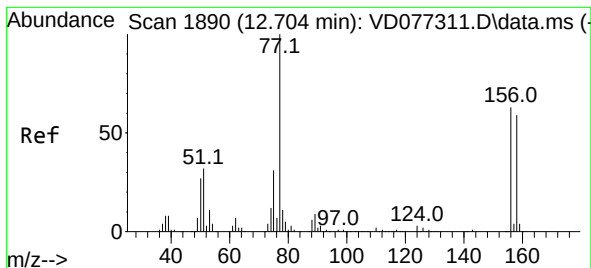
Tgt Ion: 83 Resp: 153569
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 64.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 47.785 ug/l m
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion: 75 Resp: 102039
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.742 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

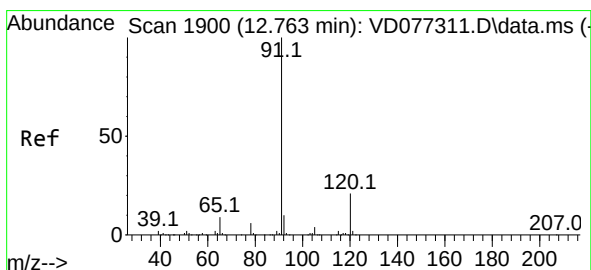
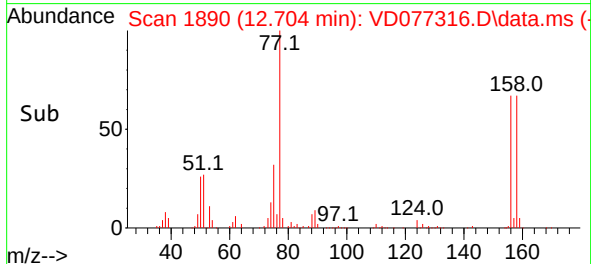
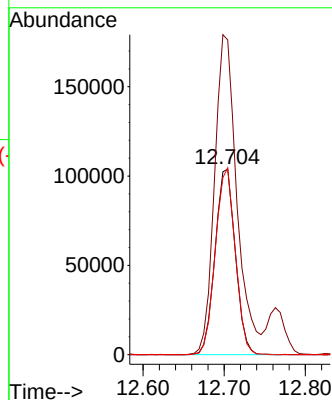
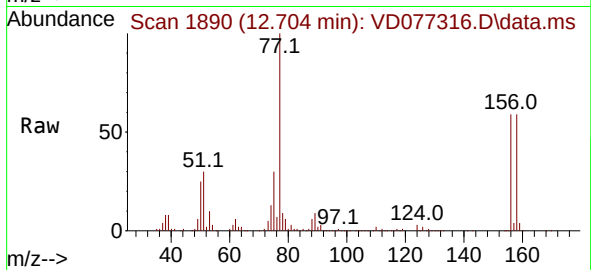
Tgt Ion:156 Resp: 180340

Ion Ratio Lower Upper

156 100

77 190.3 76.8 230.4

158 99.0 48.6 145.9



#78

n-propylbenzene

Concen: 56.072 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077316.D

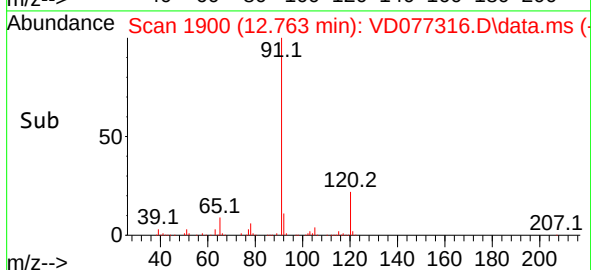
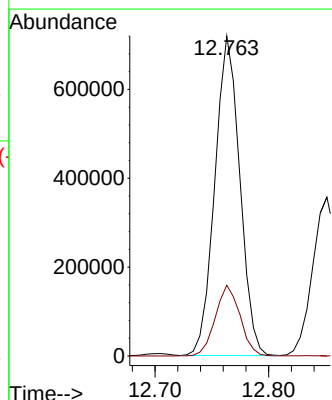
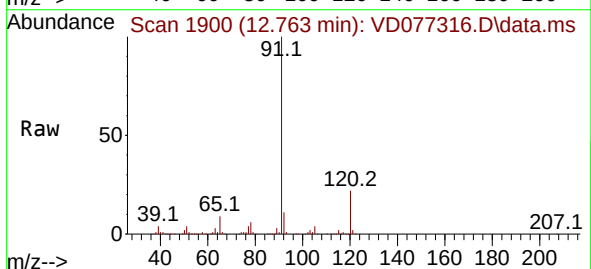
Acq: 12 Oct 2023 12:38

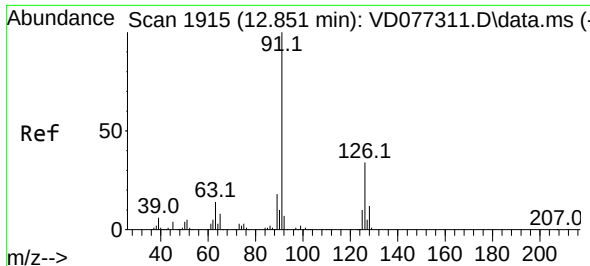
Tgt Ion: 91 Resp: 1097941

Ion Ratio Lower Upper

91 100

120 21.8 12.4 37.2

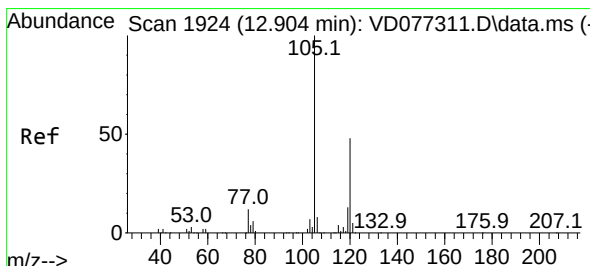
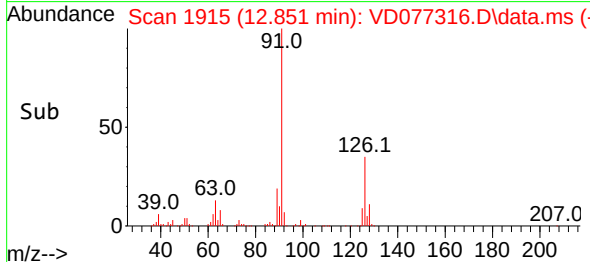
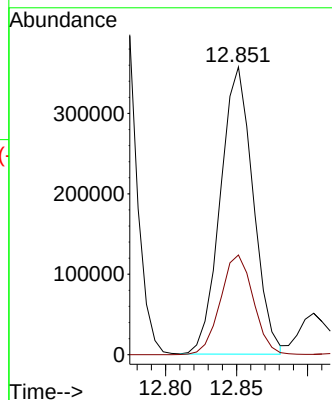
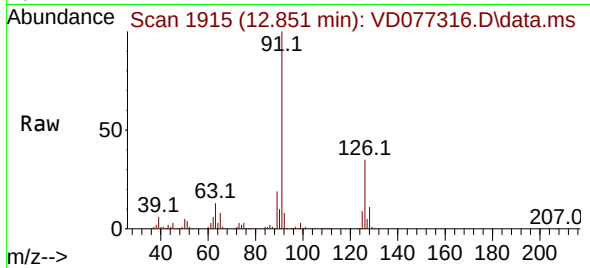




#79
2-Chlorotoluene
Concen: 54.546 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

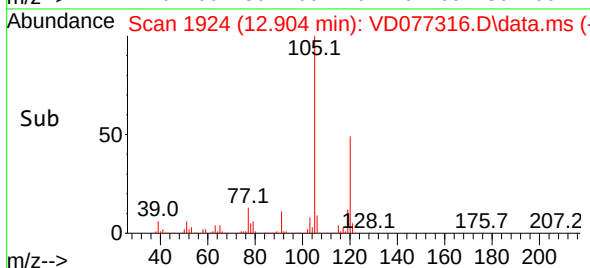
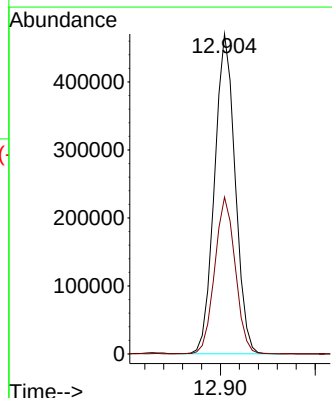
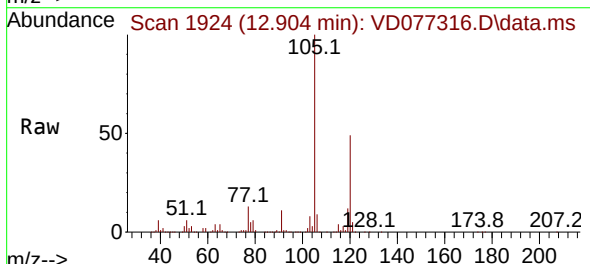
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

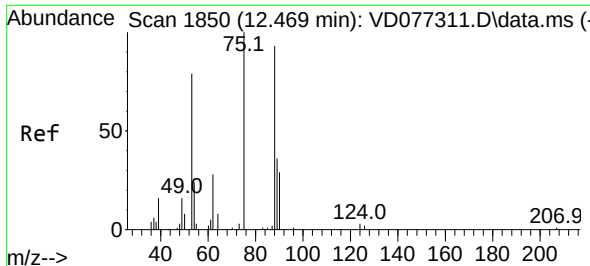
Tgt Ion: 91 Resp: 573403
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 55.351 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 105 Resp: 709971
Ion Ratio Lower Upper
105 100
120 49.0 26.4 79.2

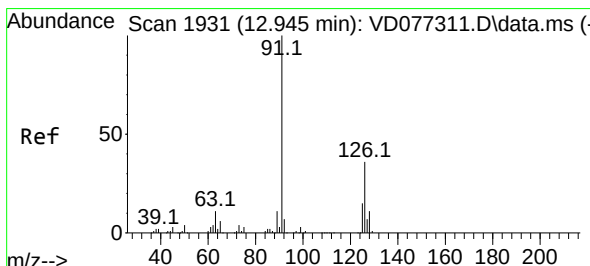
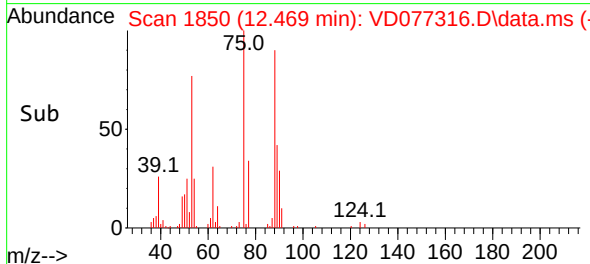
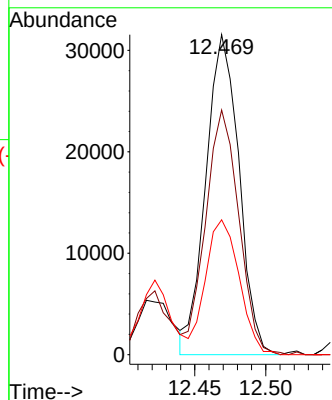
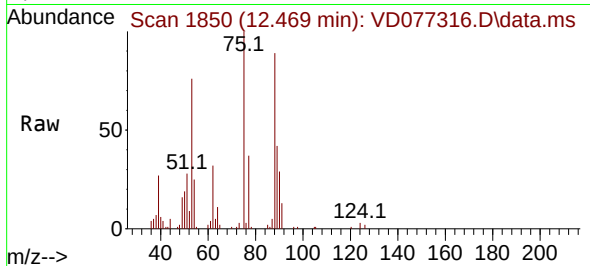




#81
trans-1,4-Dichloro-2-butene
Concen: 53.474 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

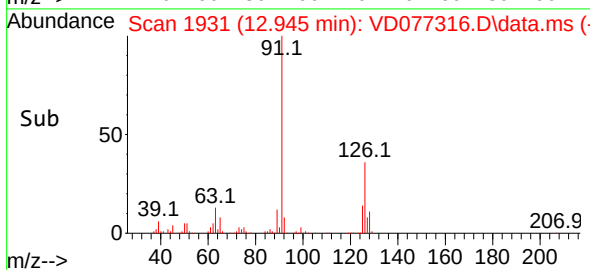
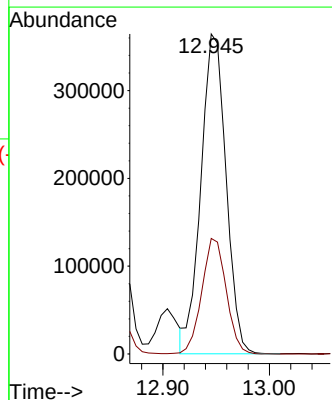
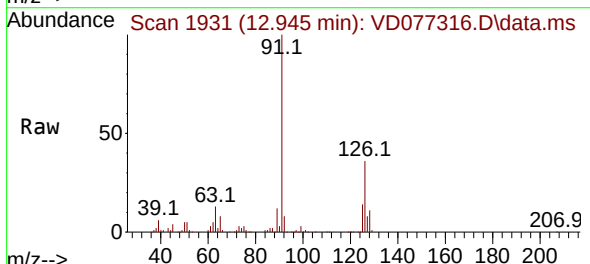
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

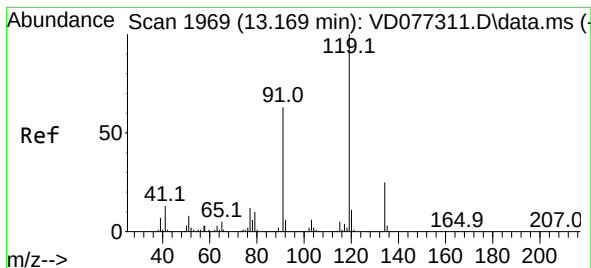
Tgt Ion: 75 Resp: 51091
Ion Ratio Lower Upper
75 100
53 77.2 63.0 94.4
89 42.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 54.168 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 91 Resp: 598470
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 56.150 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

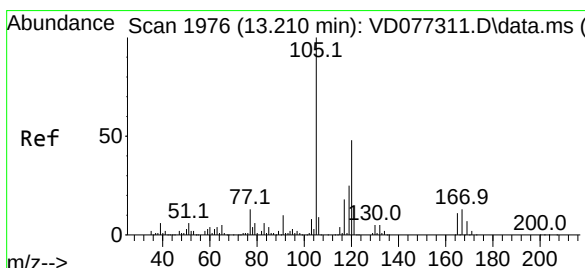
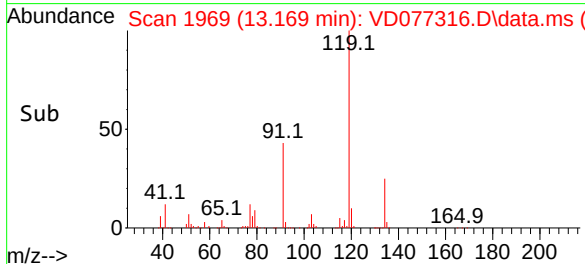
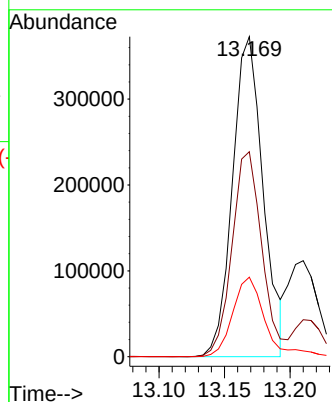
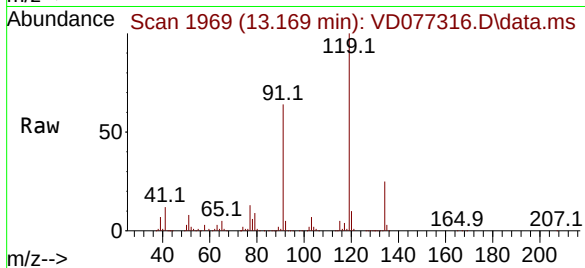
Tgt Ion:119 Resp: 604343

Ion Ratio Lower Upper

119 100

91 63.2 29.3 87.8

134 26.2 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 54.979 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077316.D

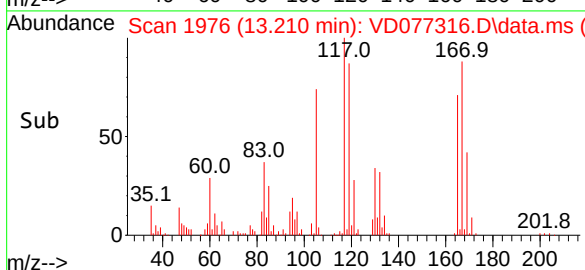
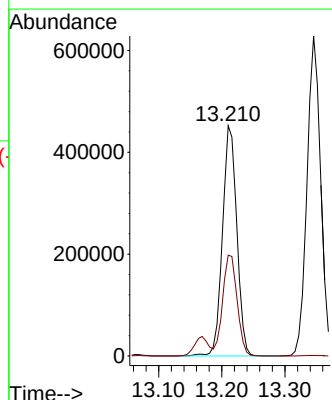
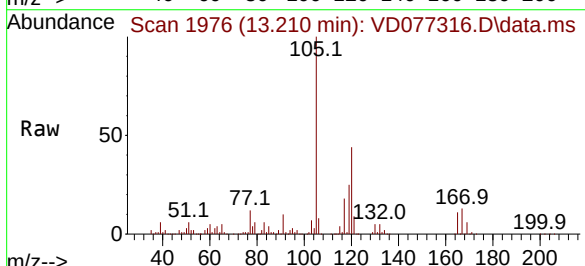
Acq: 12 Oct 2023 12:38

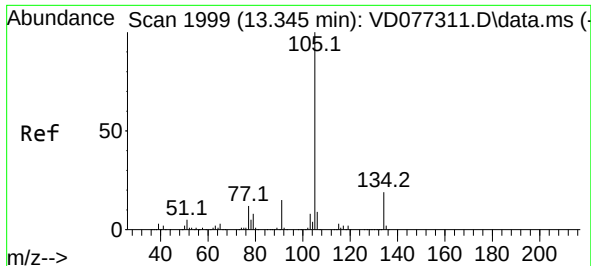
Tgt Ion:105 Resp: 711679

Ion Ratio Lower Upper

105 100

120 44.1 24.3 72.9

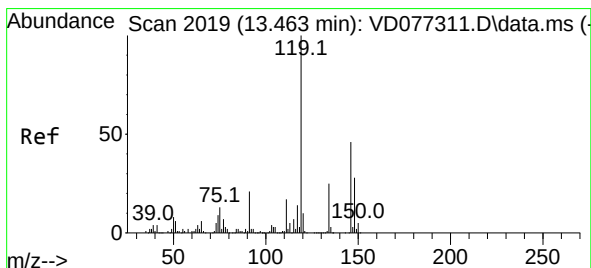
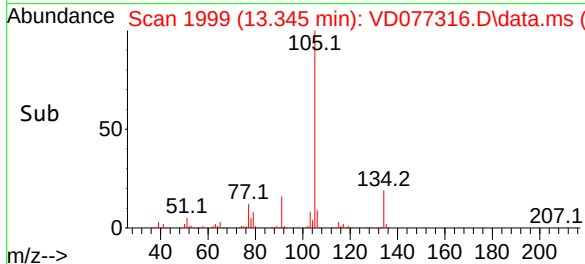
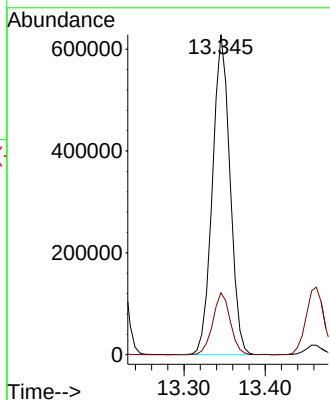
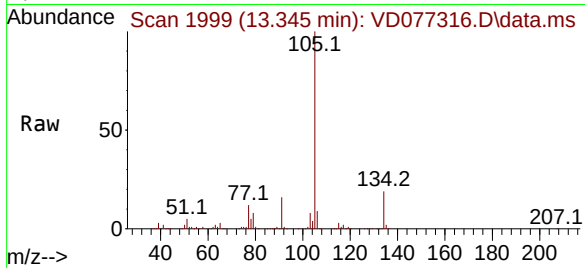




#85
 sec-Butylbenzene
 Concen: 56.233 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

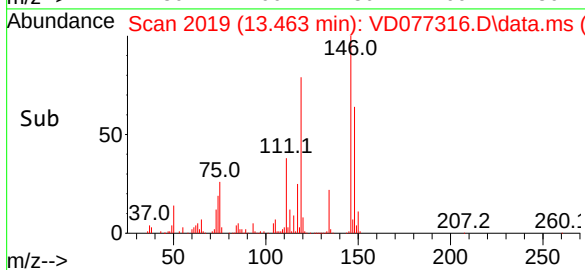
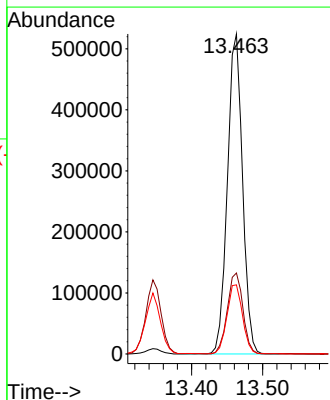
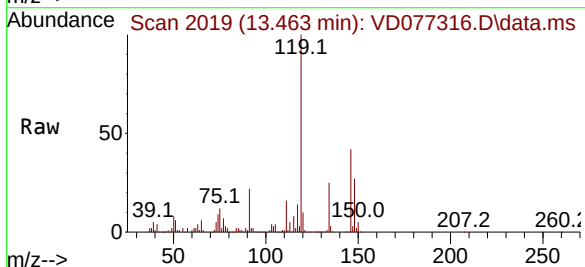
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

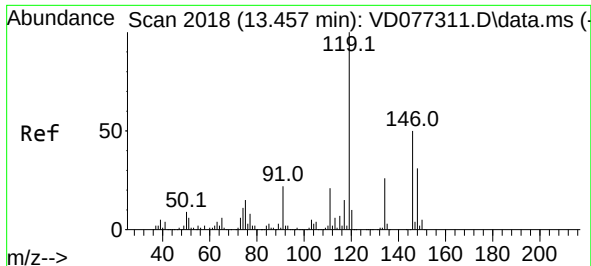
Tgt Ion:105 Resp: 944412
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 56.081 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion:119 Resp: 774561
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 22.3 10.5 31.5

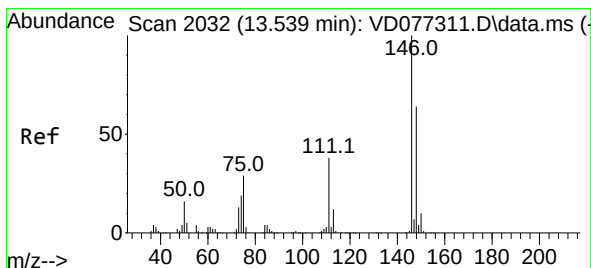
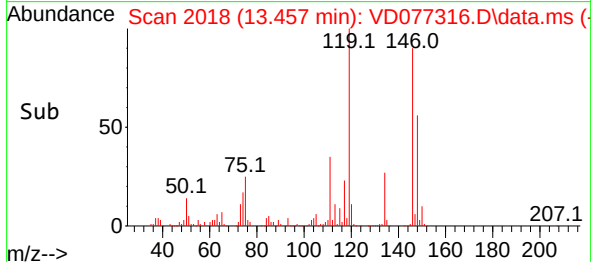
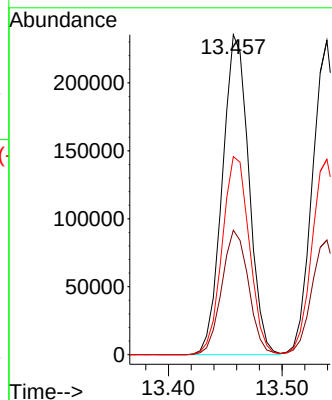
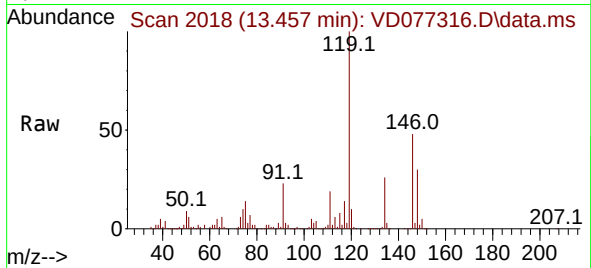




#87
1,3-Dichlorobenzene
Concen: 52.021 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

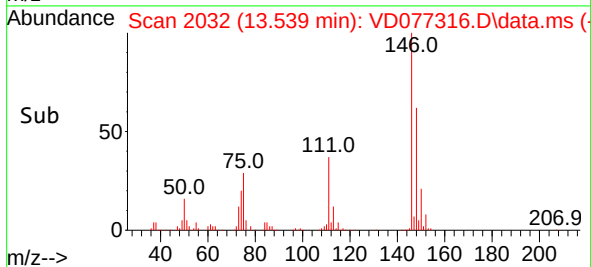
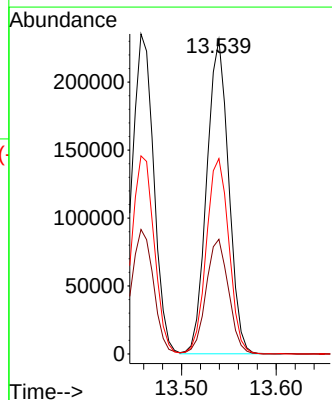
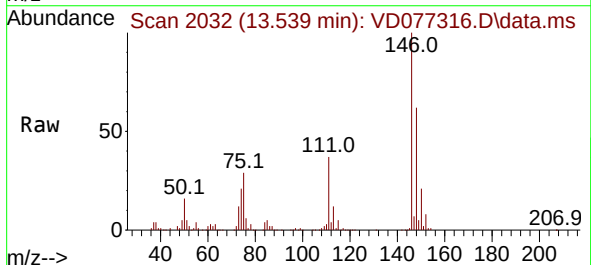
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

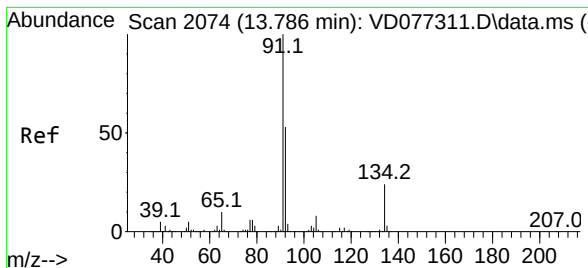
Tgt Ion:146 Resp: 381765
Ion Ratio Lower Upper
146 100
111 39.2 17.9 53.8
148 63.5 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 51.575 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion:146 Resp: 371565
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 56.749 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

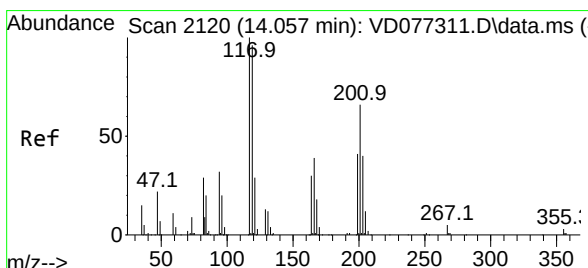
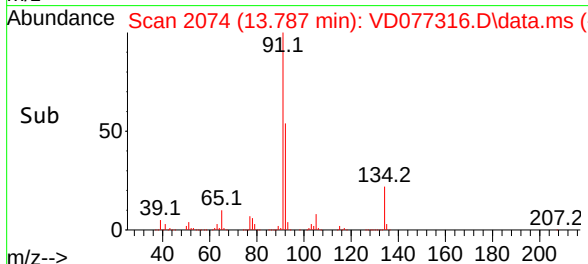
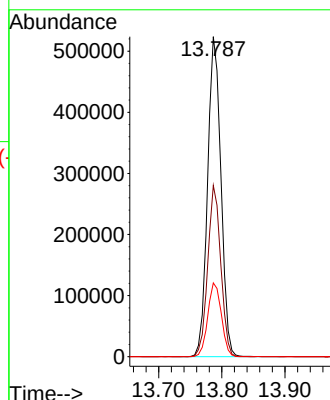
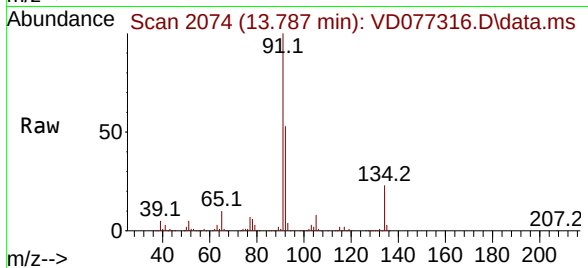
Tgt Ion: 91 Resp: 767700

Ion Ratio Lower Upper

91 100

92 52.2 26.5 79.5

134 23.5 13.8 41.3



#90

Hexachloroethane

Concen: 53.534 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.000 min

Lab File: VD077316.D

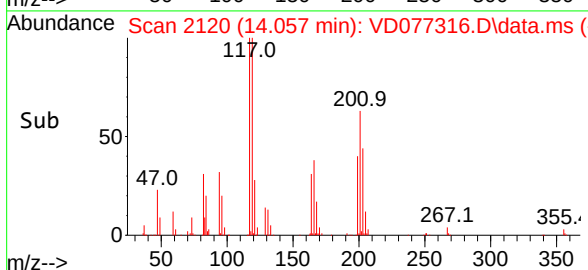
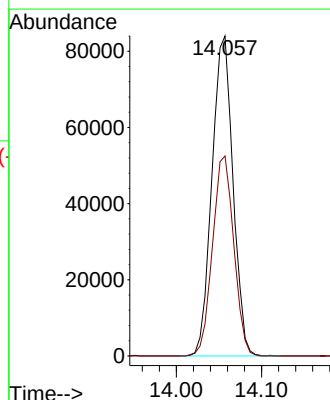
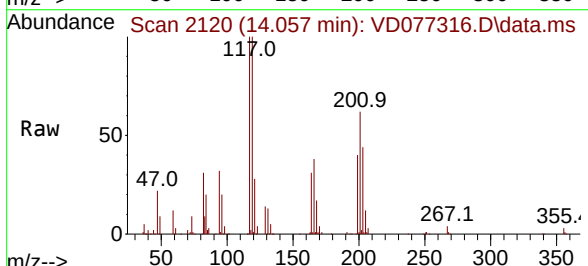
Acq: 12 Oct 2023 12:38

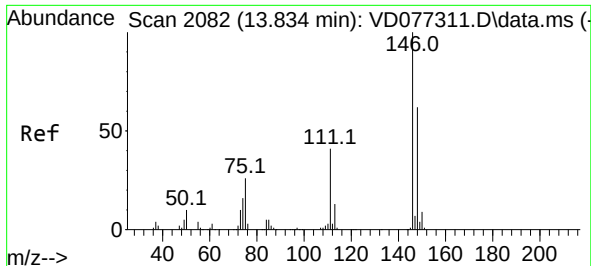
Tgt Ion: 117 Resp: 143996

Ion Ratio Lower Upper

117 100

201 63.2 38.5 115.5

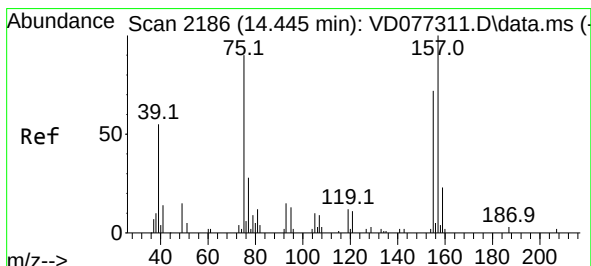
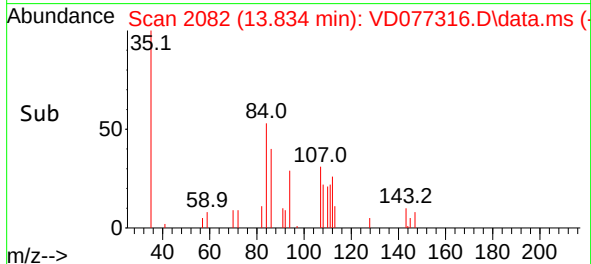
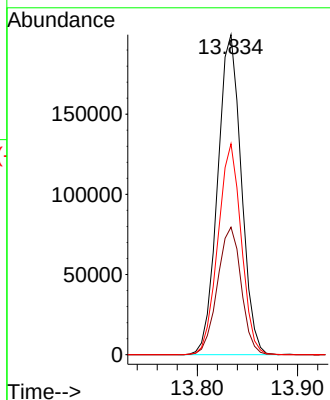
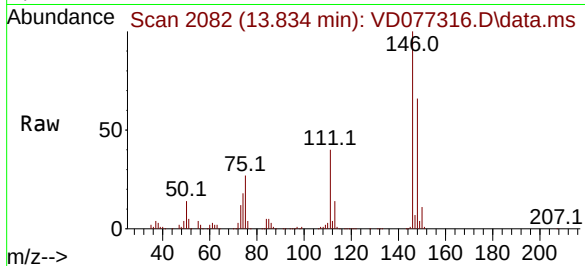




#91
1,2-Dichlorobenzene
Concen: 51.674 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

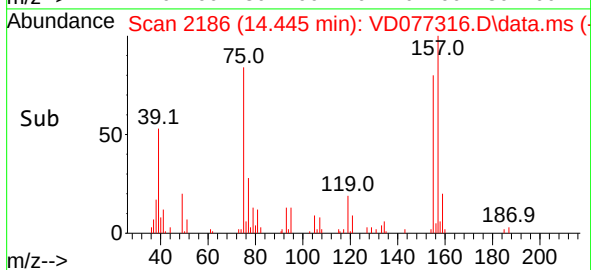
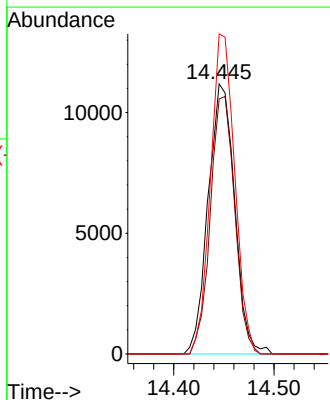
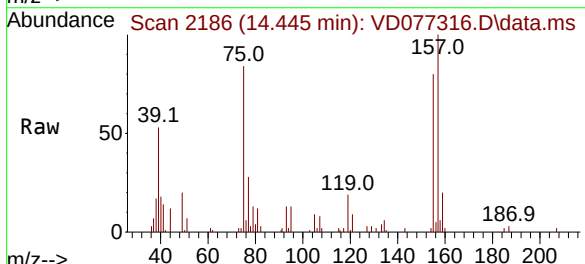
Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

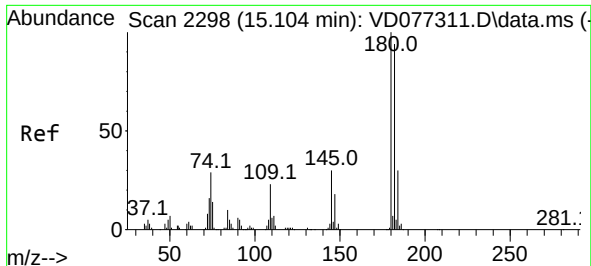
Tgt Ion:146 Resp: 326352
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.020 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077316.D
Acq: 12 Oct 2023 12:38

Tgt Ion: 75 Resp: 20480
Ion Ratio Lower Upper
75 100
155 87.6 47.9 143.8
157 108.4 59.9 179.7

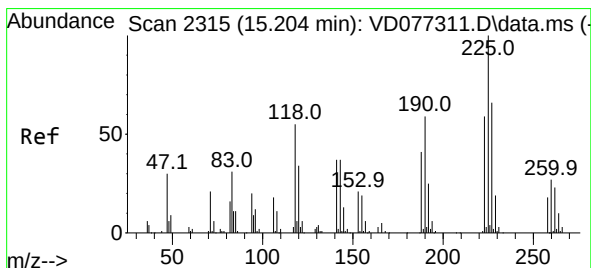
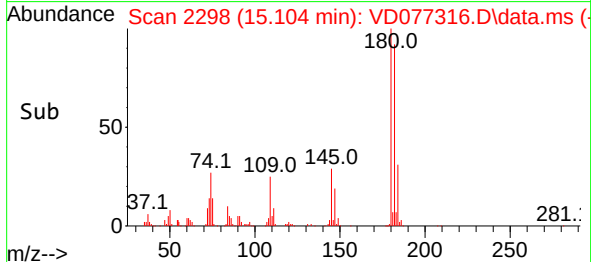
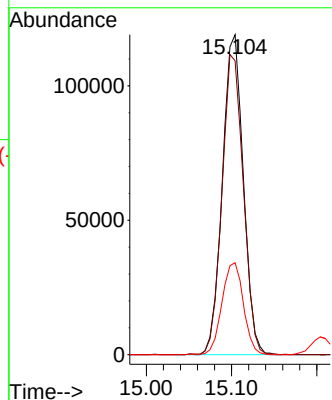
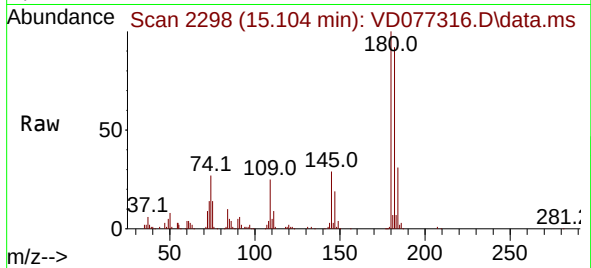




#93
 1,2,4-Trichlorobenzene
 Concen: 52.581 ug/l
 RT: 15.104 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

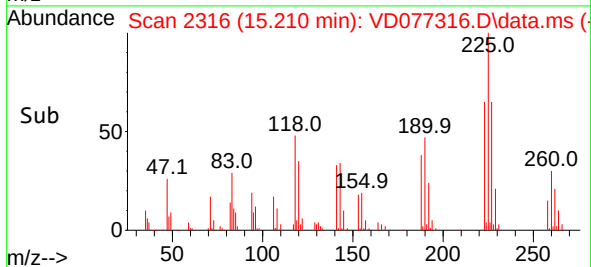
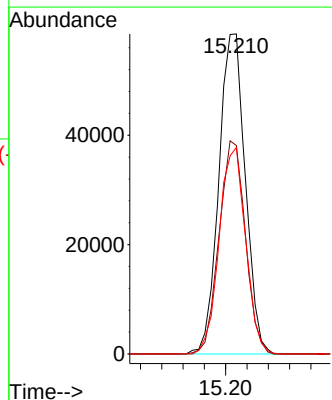
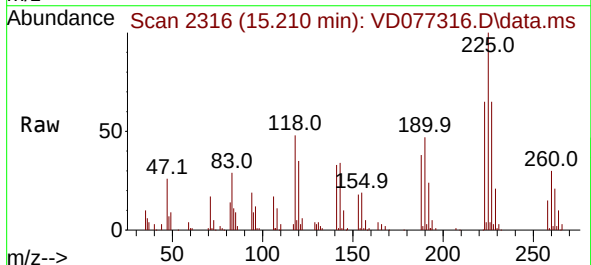
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

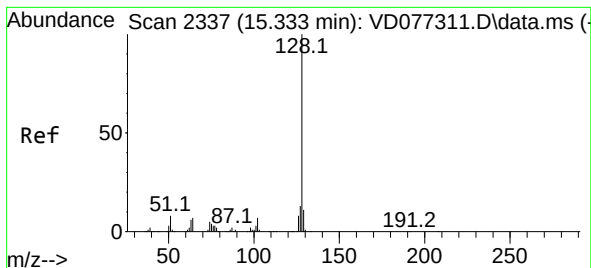
Tgt Ion:180 Resp: 203230
 Ion Ratio Lower Upper
 180 100
 182 95.3 48.5 145.6
 145 29.5 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 52.725 ug/l
 RT: 15.210 min Scan# 2316
 Delta R.T. 0.006 min
 Lab File: VD077316.D
 Acq: 12 Oct 2023 12:38

Tgt Ion:225 Resp: 100828
 Ion Ratio Lower Upper
 225 100
 223 65.9 31.6 94.8
 227 64.3 31.7 95.1





#95

Naphthalene

Concen: 52.094 ug/l

RT: 15.333 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Instrument :

MSVOA_D

ClientSampleId :

VSTD05006

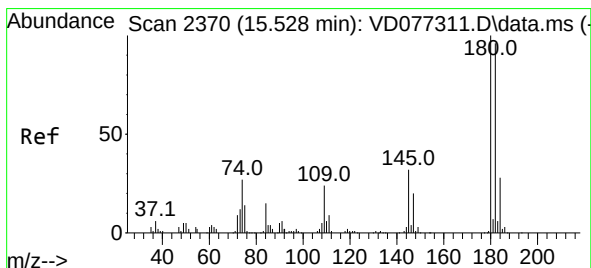
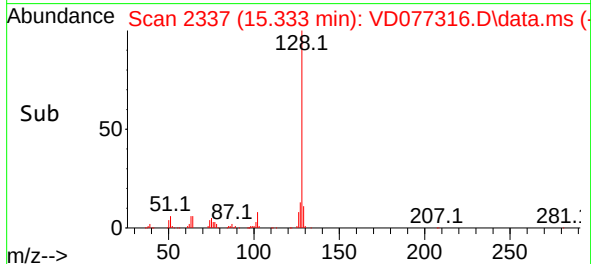
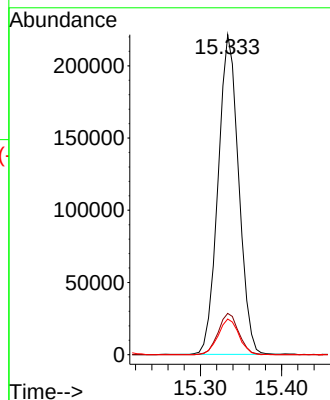
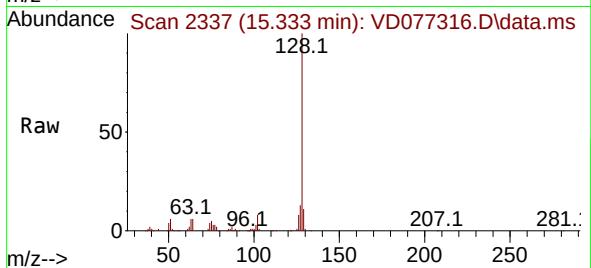
Tgt Ion:128 Resp: 390577

Ion Ratio Lower Upper

128 100

127 12.9 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.609 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.000 min

Lab File: VD077316.D

Acq: 12 Oct 2023 12:38

Tgt Ion:180 Resp: 175770

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.9

145 31.5 15.1 45.3

