

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012224\
 Data File : VD078196.D
 Acq On : 22 Jan 2024 16:47
 Operator : RP/MD
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 23 05:02:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:02:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	127478	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	240576	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	213640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	92761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	7782	5.280	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.560%#
35) Dibromofluoromethane	7.810	113	7765	4.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.840%#
50) Toluene-d8	10.275	98	30457	4.843	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.680%#
62) 4-Bromofluorobenzene	12.575	95	8415	4.664	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.320%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	9255	2.733	ug/l	92
3) Chloromethane	2.158	50	13914	2.562	ug/l	# 82
4) Vinyl Chloride	2.293	62	17508	5.740	ug/l	# 86
5) Bromomethane	2.705	94	12344	5.639	ug/l	94
6) Chloroethane	2.852	64	11216	5.371	ug/l	99
7) Trichlorofluoromethane	3.187	101	14788	5.454	ug/l	99
8) Diethyl Ether	3.605	74	3797	5.049	ug/l	57
9) 1,1,2-Trichlorotrifluo...	3.981	101	8373	5.269	ug/l	96
10) Methyl Iodide	4.169	142	6219	3.962	ug/l	# 87
11) Tert butyl alcohol	5.063	59	2220	29.985	ug/l	# 73
12) 1,1-Dichloroethene	3.958	96	7690	4.977	ug/l	# 81
13) Acrolein	3.811	56	3901	23.692	ug/l	92
14) Allyl chloride	4.569	41	9914	4.926	ug/l	# 78
15) Acrylonitrile	5.263	53	7980	23.981	ug/l	96
16) Acetone	4.028	43	12862	8.939	ug/l	# 77
17) Carbon Disulfide	4.287	76	26592	5.256	ug/l	# 94
18) Methyl Acetate	4.575	43	5885	4.829	ug/l	92
19) Methyl tert-butyl Ether	5.316	73	16163	4.989	ug/l	93
20) Methylene Chloride	4.811	84	14829	5.079	ug/l	# 86
21) trans-1,2-Dichloroethene	5.316	96	9376	5.177	ug/l	# 82
22) Diisopropyl ether	6.210	45	20219	4.663	ug/l	# 84
23) Vinyl Acetate	6.163	43	41340	19.507	ug/l	100
24) 1,1-Dichloroethane	6.122	63	15115	5.089	ug/l	# 87
25) 2-Butanone	7.087	43	14104	22.446	ug/l	# 71
26) 2,2-Dichloropropane	7.087	77	13164	5.193	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	9741	5.002	ug/l	90
28) Bromochloromethane	7.434	49	6456	5.387	ug/l	# 81
29) Tetrahydrofuran	7.457	42	5480	23.045	ug/l	# 81
30) Chloroform	7.604	83	15881	5.200	ug/l	96
31) Cyclohexane	7.881	56	16003	5.982	ug/l	# 85
32) 1,1,1-Trichloroethane	7.793	97	14298	5.335	ug/l	96
36) 1,1-Dichloropropene	8.016	75	12724	4.939	ug/l	92
37) Ethyl Acetate	7.169	43	3985	4.350	ug/l	# 85
38) Carbon Tetrachloride	7.999	117	11571	4.580	ug/l	91
39) Methylcyclohexane	9.275	83	13302	4.418	ug/l	99
40) Benzene	8.252	78	34666	4.753	ug/l	99

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 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jan 23 05:02:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 23 05:02:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	2199	4.125	ug/l #	87
42) 1,2-Dichloroethane	8.334	62	9548	5.007	ug/l	96
43) Isopropyl Acetate	8.363	43	7849	4.507	ug/l #	53
44) Trichloroethene	9.034	130	9034	4.842	ug/l	96
45) 1,2-Dichloropropane	9.310	63	8479	4.676	ug/l	95
46) Dibromomethane	9.399	93	4330	4.391	ug/l	87
47) Bromodichloromethane	9.587	83	11742	4.756	ug/l #	90
48) Methyl methacrylate	9.381	41	4494	4.473	ug/l #	69
49) 1,4-Dioxane	9.381	88	752	80.784	ug/l #	72
51) 4-Methyl-2-Pentanone	10.157	43	20724	22.612	ug/l	88
52) Toluene	10.340	92	20867	4.536	ug/l	95
53) t-1,3-Dichloropropene	10.557	75	10323	4.481	ug/l	92
54) cis-1,3-Dichloropropene	10.022	75	12492	4.490	ug/l #	82
55) 1,1,2-Trichloroethane	10.734	97	6073	4.643	ug/l	88
56) Ethyl methacrylate	10.604	69	4235	3.915	ug/l #	64
57) 1,3-Dichloropropane	10.881	76	10543	4.605	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.875	63	15164	22.730	ug/l	99
59) 2-Hexanone	10.922	43	17546	23.580	ug/l	84
60) Dibromochloromethane	11.075	129	6773	4.367	ug/l	84
61) 1,2-Dibromoethane	11.175	107	5060	4.182	ug/l	95
64) Tetrachloroethene	10.810	164	6870	4.955	ug/l #	80
65) Chlorobenzene	11.610	112	23328	4.963	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	8003	4.761	ug/l	95
67) Ethyl Benzene	11.687	91	38304	4.503	ug/l	90
68) m/p-Xylenes	11.793	106	28288	8.771	ug/l	92
69) o-Xylene	12.122	106	13098	4.422	ug/l	95
70) Styrene	12.140	104	18242	4.150	ug/l	91
71) Bromoform	12.298	173	3666	4.530	ug/l #	93
73) Isopropylbenzene	12.422	105	33408	4.635	ug/l	92
74) N-amyl acetate	12.234	43	6486	4.726	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.675	83	6992	5.214	ug/l	95
76) 1,2,3-Trichloropropane	12.704	75	4770	5.531	ug/l #	100
77) Bromobenzene	12.698	156	7530	4.760	ug/l	76
78) n-propylbenzene	12.763	91	41949	4.686	ug/l	94
79) 2-Chlorotoluene	12.851	91	23165	4.862	ug/l	92
80) 1,3,5-Trimethylbenzene	12.910	105	26796	4.495	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	2004	4.882	ug/l #	79
82) 4-Chlorotoluene	12.945	91	25442	5.041	ug/l	87
83) tert-Butylbenzene	13.169	119	22357	4.471	ug/l	92
84) 1,2,4-Trimethylbenzene	13.210	105	26182	4.338	ug/l	95
85) sec-Butylbenzene	13.345	105	34968	4.639	ug/l	96
86) p-Isopropyltoluene	13.463	119	28568	4.345	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	16238	4.923	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	16430	5.065	ug/l	89
89) n-Butylbenzene	13.787	91	29856	4.675	ug/l	95
90) Hexachloroethane	14.051	117	6347	4.865	ug/l	84
91) 1,2-Dichlorobenzene	13.834	146	14228	5.072	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1106	5.706	ug/l	77
93) 1,2,4-Trichlorobenzene	15.098	180	8322	4.899	ug/l	96
94) Hexachlorobutadiene	15.198	225	4218	5.013	ug/l	98
95) Naphthalene	15.328	128	15317	4.751	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.528	180	7687	5.283	ug/l	96

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Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

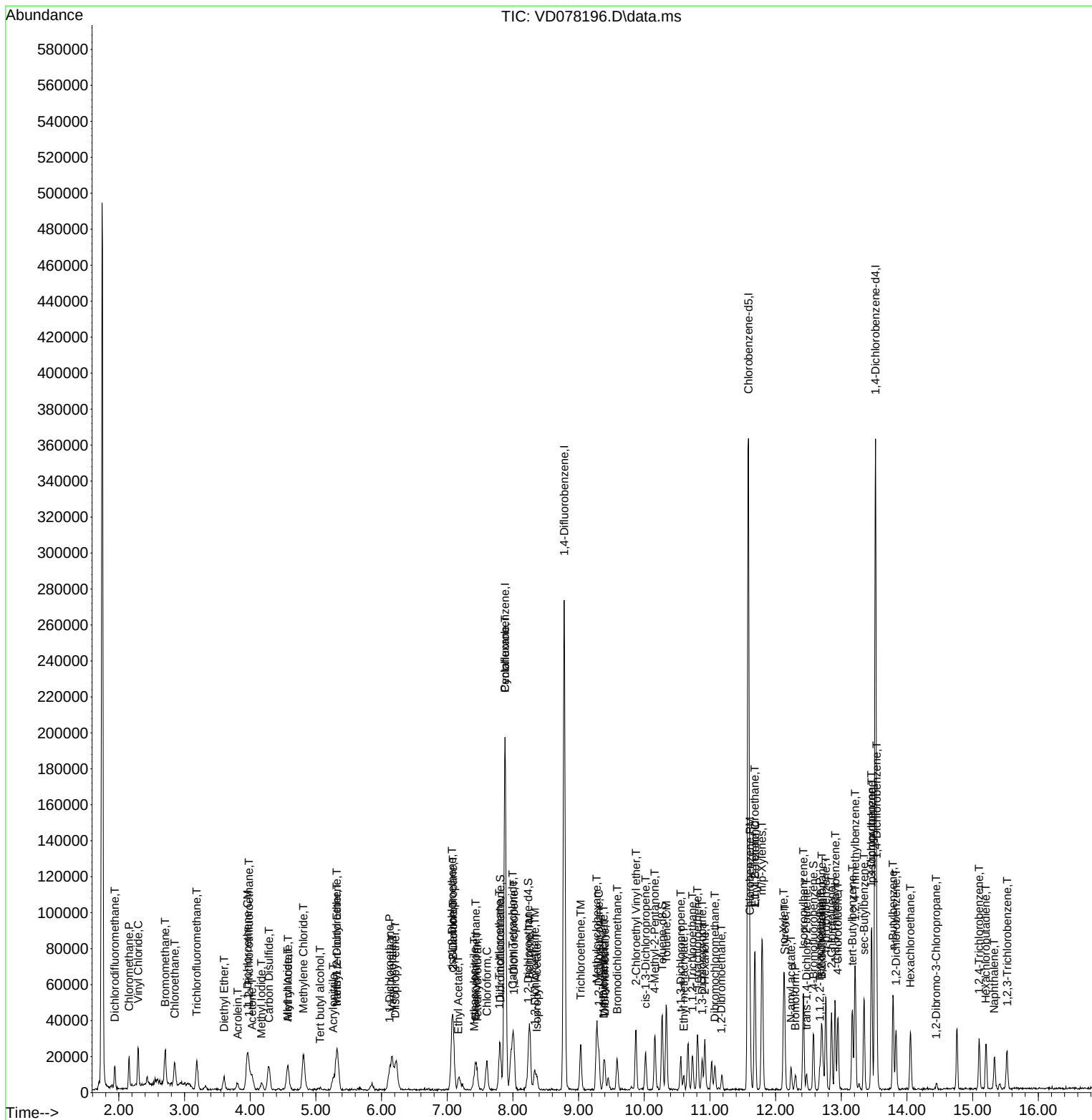
Instrument :
MSVOA_D
ClientSampleId :
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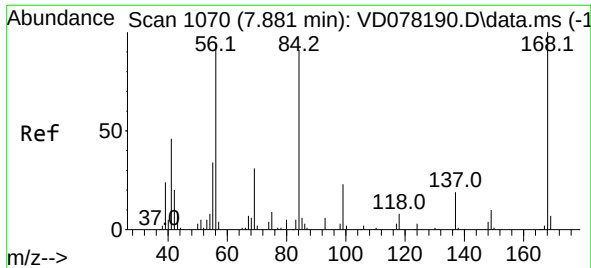
Quant Time: Jan 23 05:02:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 23 05:02:00 2024
Response via : Initial Calibration

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

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Response via : Initial Calibration

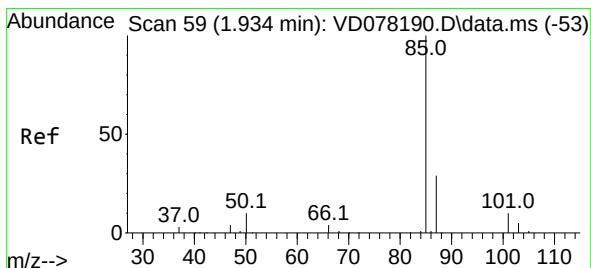
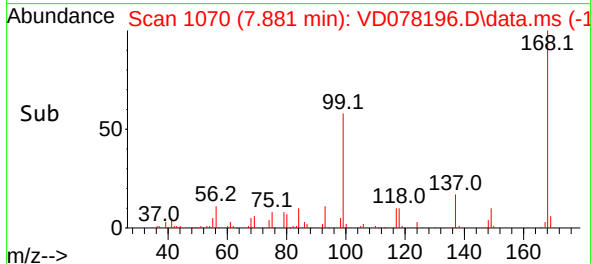
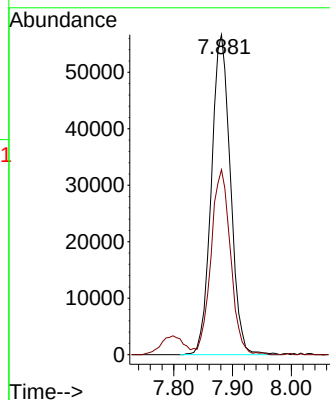
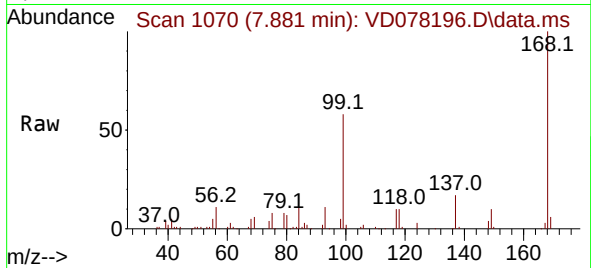




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

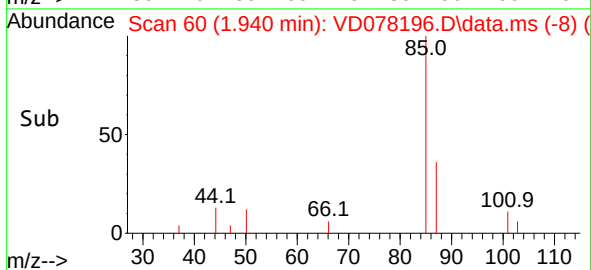
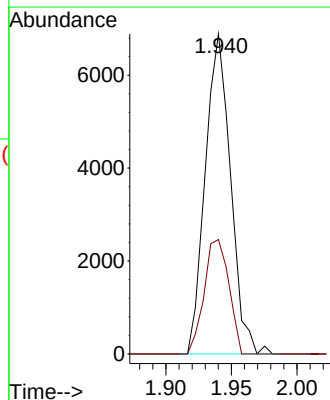
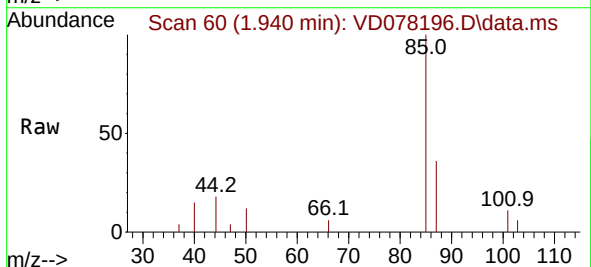
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

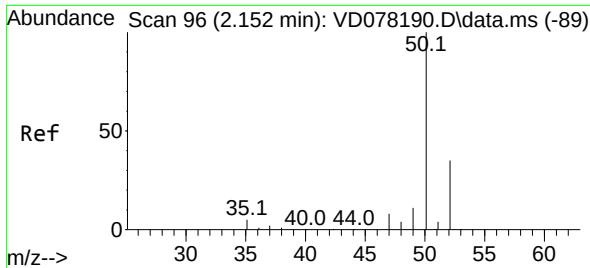
Tgt Ion:168 Resp: 127478
Ion Ratio Lower Upper
168 100
99 57.8 36.7 55.1#



#2
Dichlorodifluoromethane
Concen: 2.733 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 85 Resp: 9255
Ion Ratio Lower Upper
85 100
87 35.7 15.7 47.0

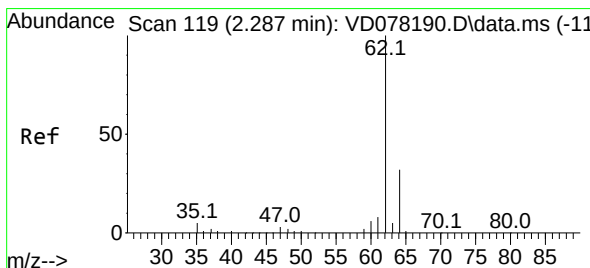
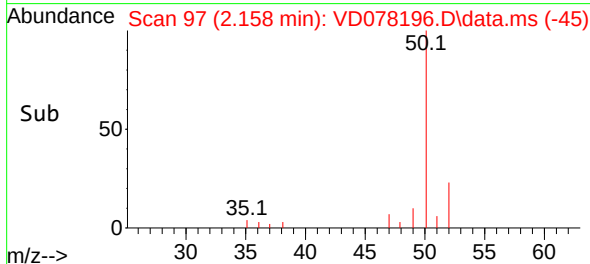
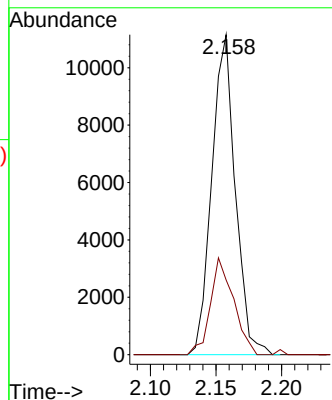
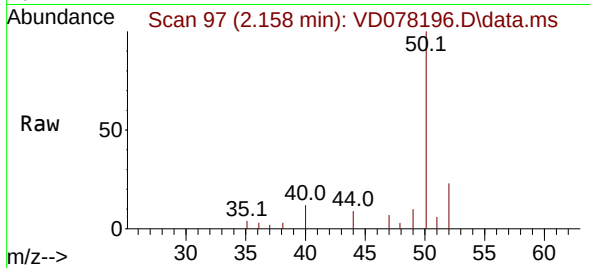




#3
Chloromethane
Concen: 2.562 ug/l
RT: 2.158 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

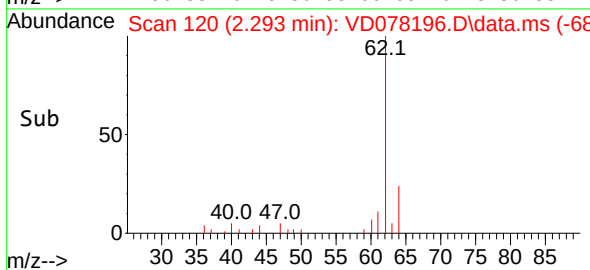
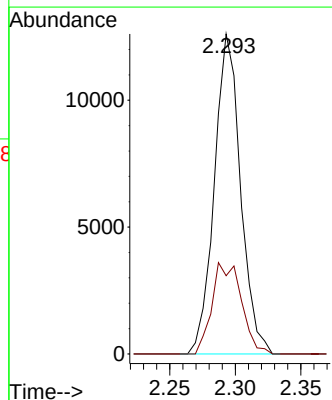
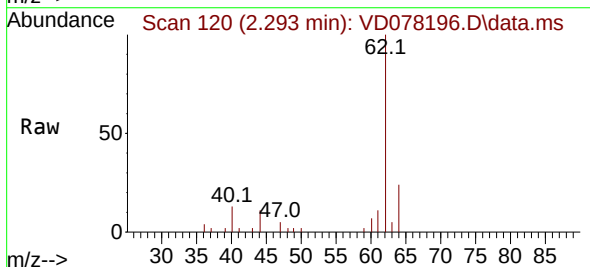
Instrument :
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ClientSampleId :
VSTDIC005

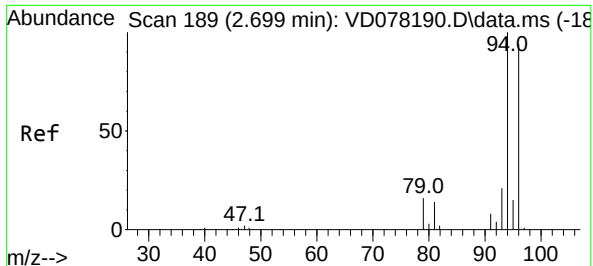
Tgt Ion: 50 Resp: 13914
Ion Ratio Lower Upper
50 100
52 23.3 26.6 40.0#



#4
Vinyl Chloride
Concen: 5.740 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 62 Resp: 17508
Ion Ratio Lower Upper
62 100
64 24.4 26.0 39.0#

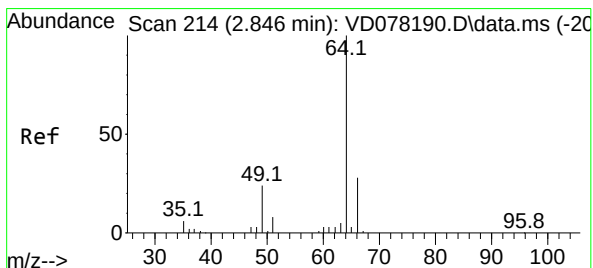
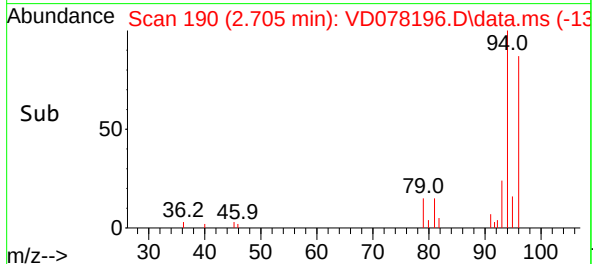
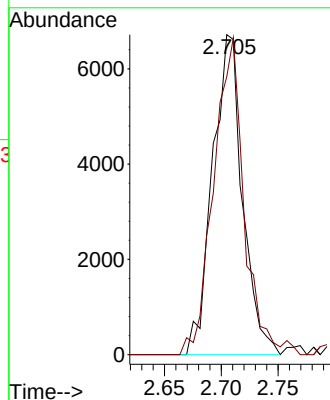
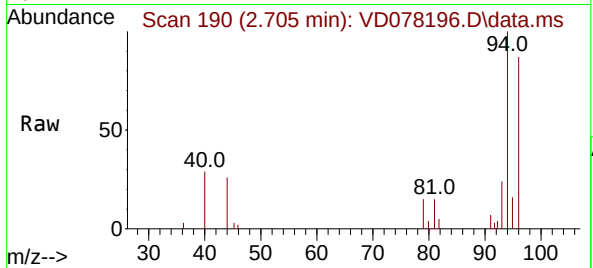




#5
Bromomethane
Concen: 5.639 ug/l
RT: 2.705 min Scan# 190
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

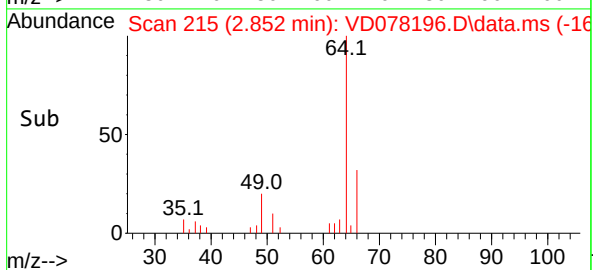
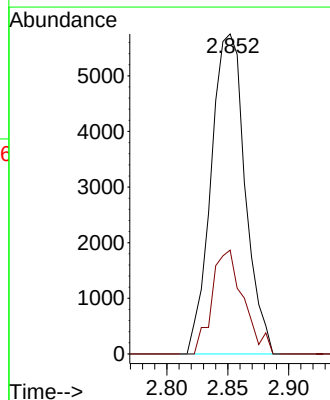
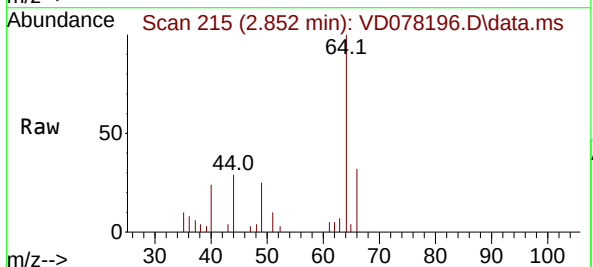
Instrument :
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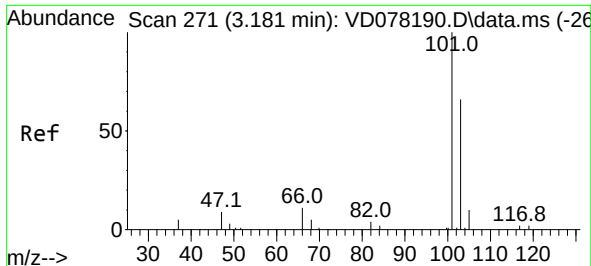
Tgt Ion: 94 Resp: 12344
Ion Ratio Lower Upper
94 100
96 100.5 75.8 113.8



#6
Chloroethane
Concen: 5.371 ug/l
RT: 2.852 min Scan# 215
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 64 Resp: 11216
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

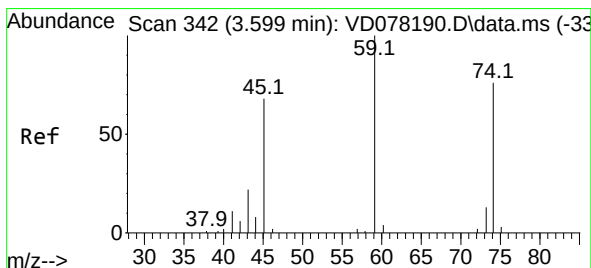
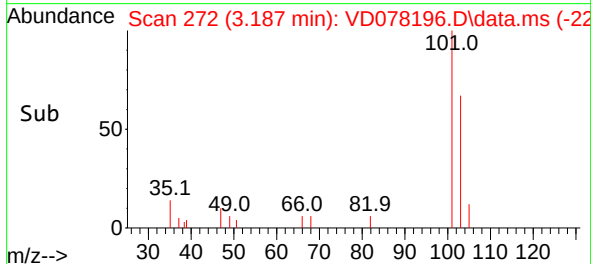
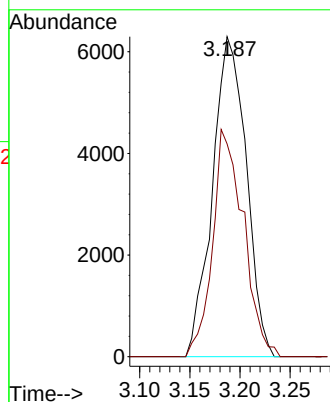
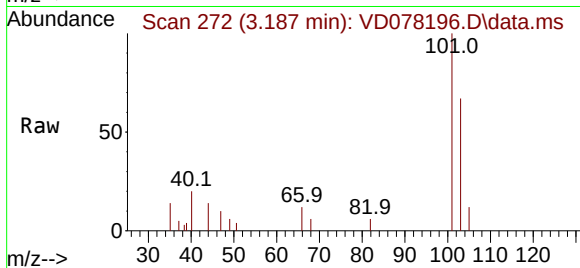




#7
 Trichlorofluoromethane
 Concen: 5.454 ug/l
 RT: 3.187 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

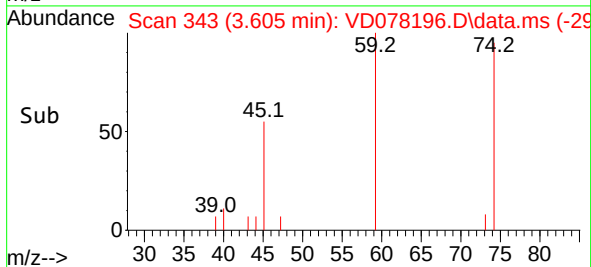
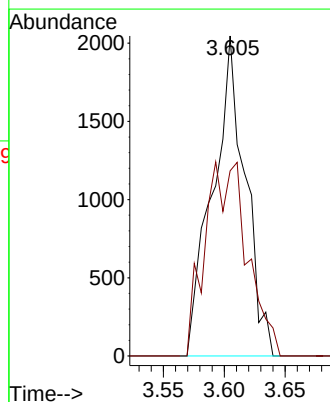
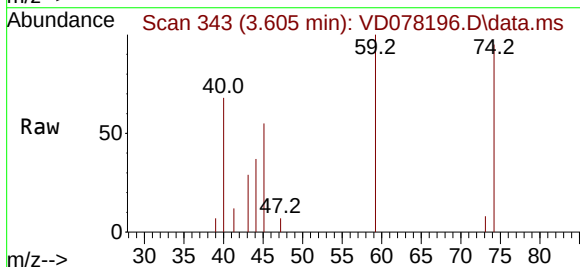
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 MSVOA_D
 ClientSampleId :
 VSTDIC005

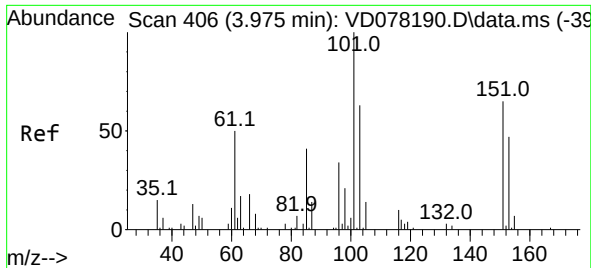
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 Ion Ratio Lower Upper
 101 100
 103 66.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.049 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion: 74 Resp: 3797
 Ion Ratio Lower Upper
 74 100
 45 38.4 37.5 112.7

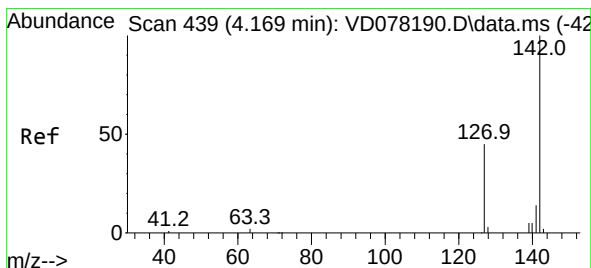
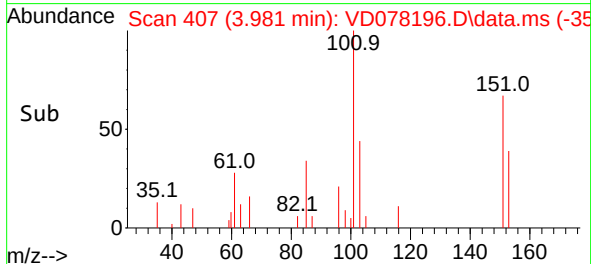
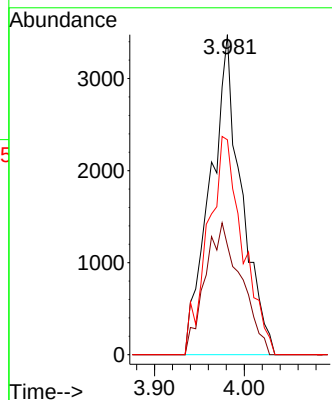
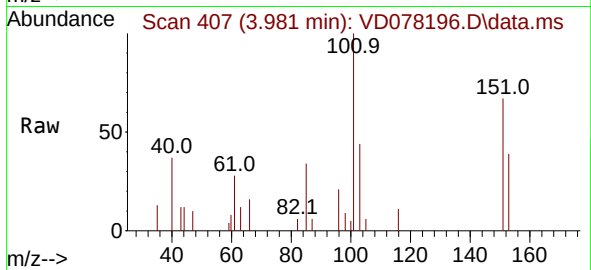




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.269 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

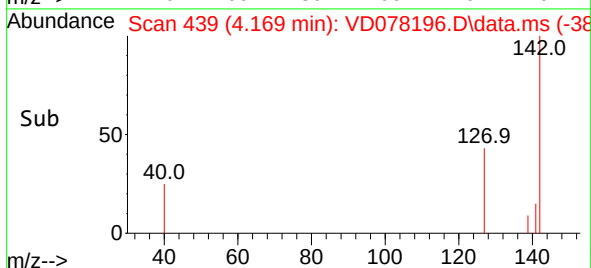
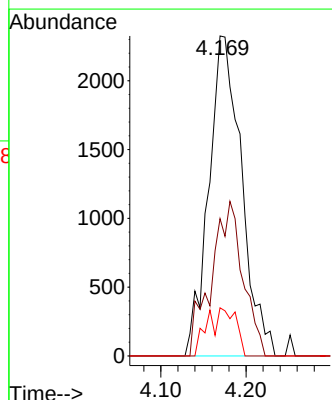
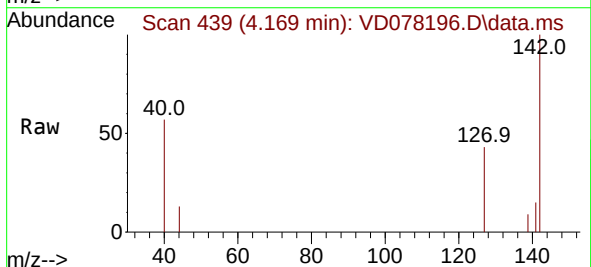
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

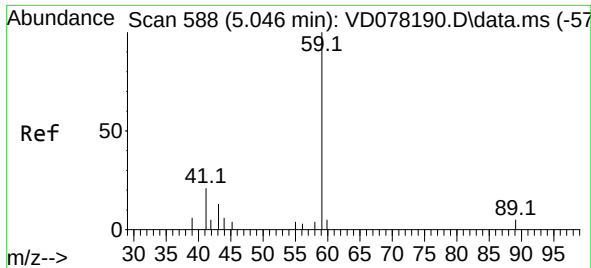
Tgt Ion:101 Resp: 8373
Ion Ratio Lower Upper
101 100
85 47.7 33.8 50.6
151 76.2 59.8 89.6



#10
Methyl Iodide
Concen: 3.962 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:142 Resp: 6219
Ion Ratio Lower Upper
142 100
127 46.8 29.4 44.0#
141 13.0 11.1 16.7

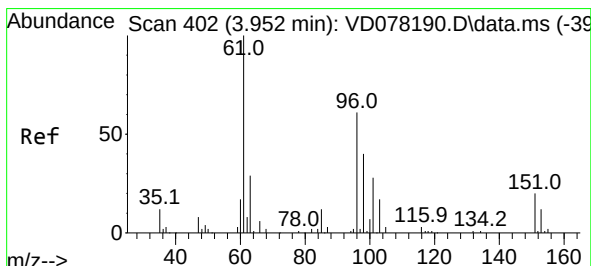
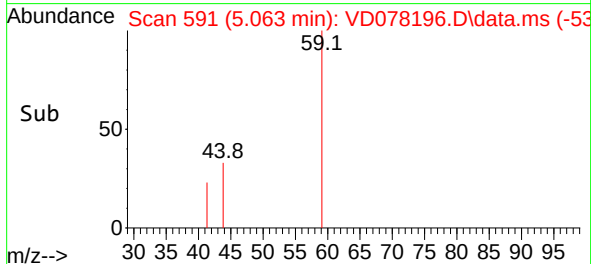
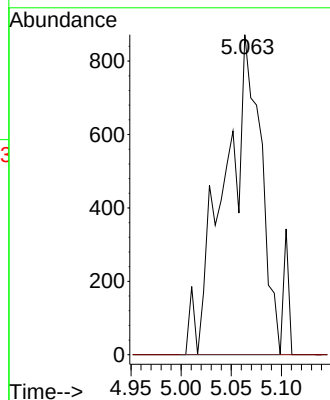
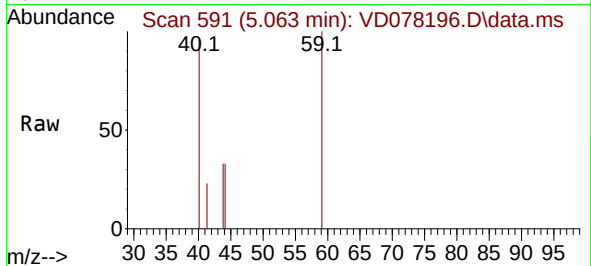




#11
Tert butyl alcohol
Concen: 29.985 ug/l
RT: 5.063 min Scan# 51
Delta R.T. 0.018 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

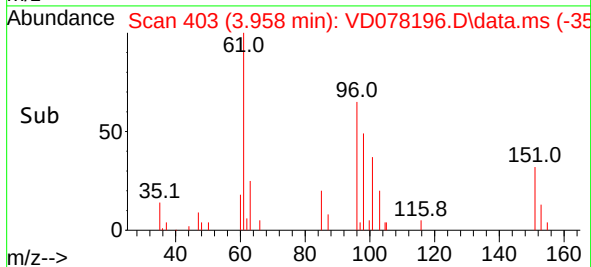
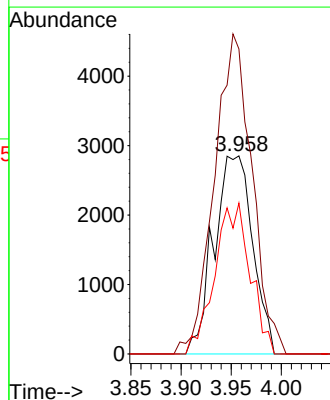
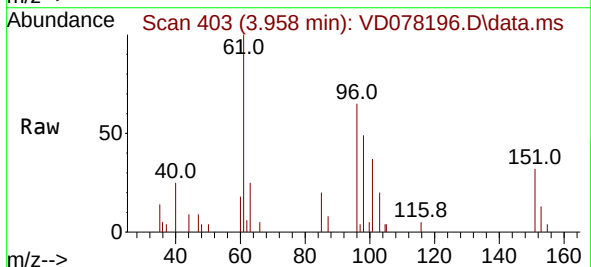
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

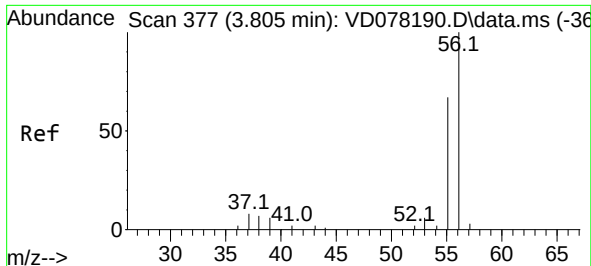
Tgt Ion: 59 Resp: 2220
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.977 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 96 Resp: 7690
Ion Ratio Lower Upper
96 100
61 147.9 100.6 150.8
98 76.2 50.2 75.2#





#13

Acrolein

Concen: 23.692 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

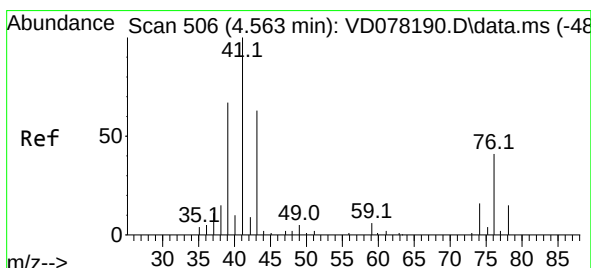
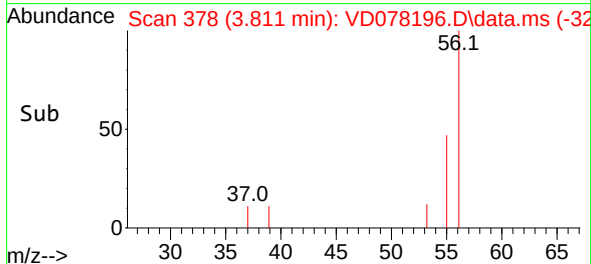
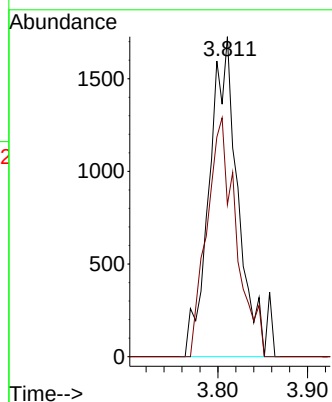
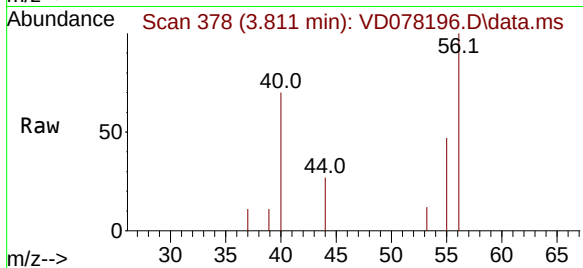
VSTDIC005

Tgt Ion: 56 Resp: 3901

Ion Ratio Lower Upper

56 100

55 75.0 55.1 82.7



#14

Allyl chloride

Concen: 4.926 ug/l

RT: 4.569 min Scan# 507

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

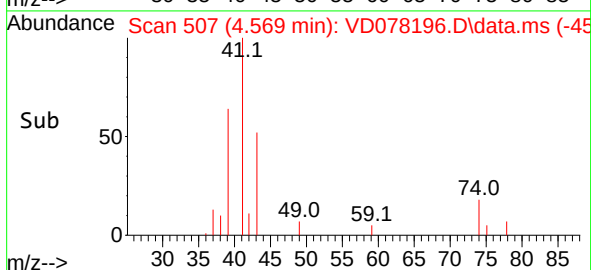
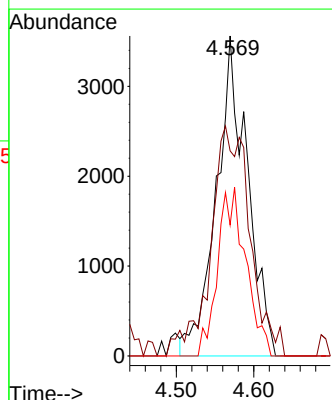
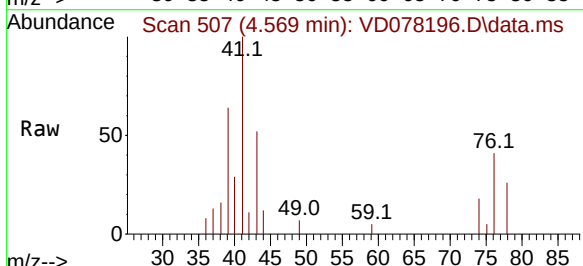
Tgt Ion: 41 Resp: 9914

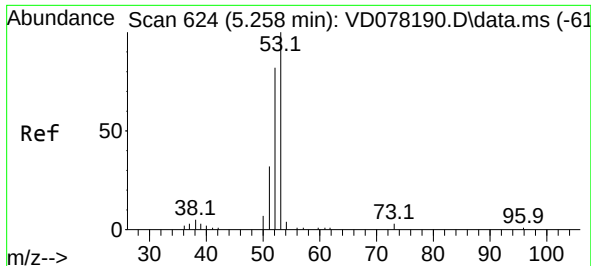
Ion Ratio Lower Upper

41 100

39 90.9 53.8 80.6#

76 47.6 45.8 68.8

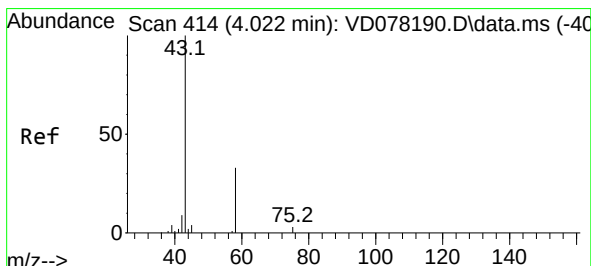
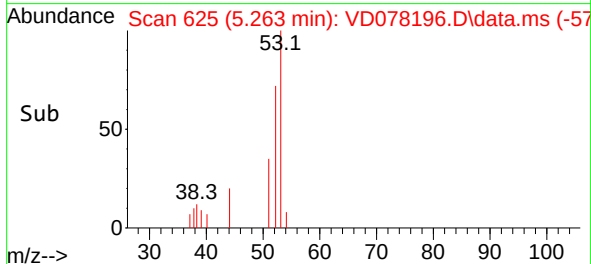
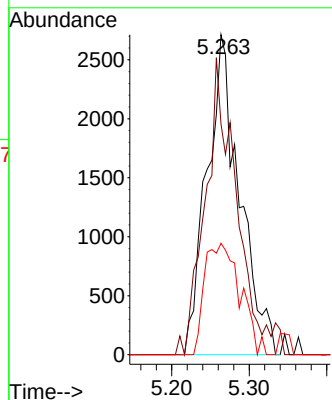
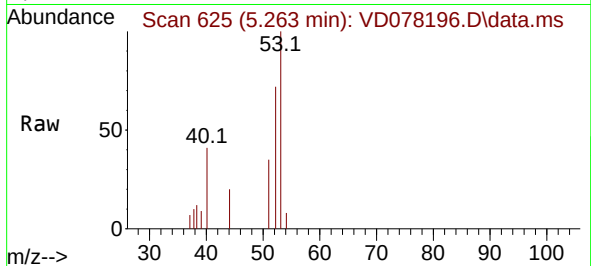




#15
Acrylonitrile
Concen: 23.981 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

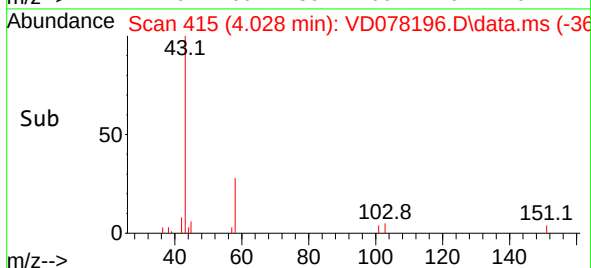
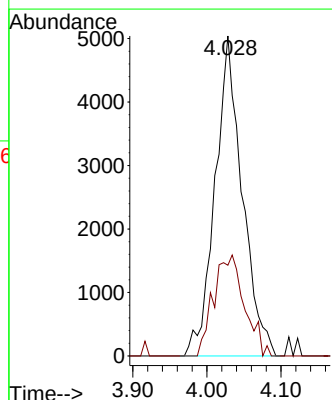
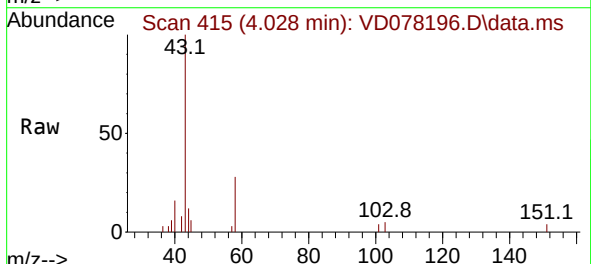
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

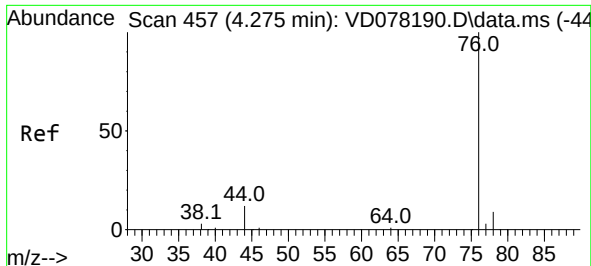
Tgt Ion:	53	Resp:	7980
Ion	Ratio	Lower	Upper
53	100		
52	85.3	65.0	97.4
51	37.9	28.3	42.5



#16
Acetone
Concen: 8.939 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:	43	Resp:	12862
Ion	Ratio	Lower	Upper
43	100		
58	28.3	34.7	52.1#

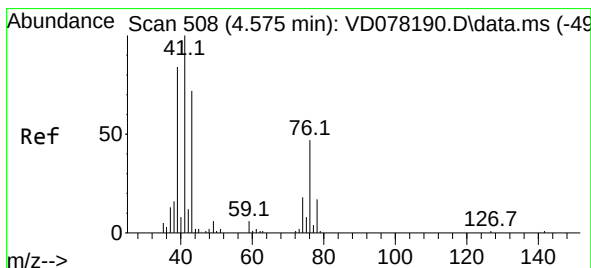
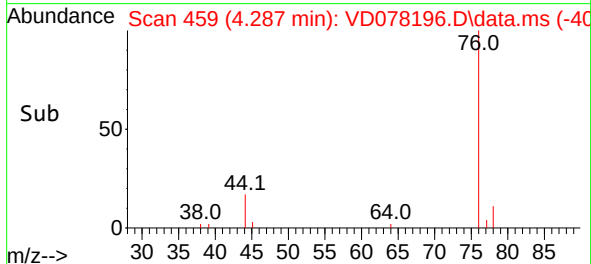
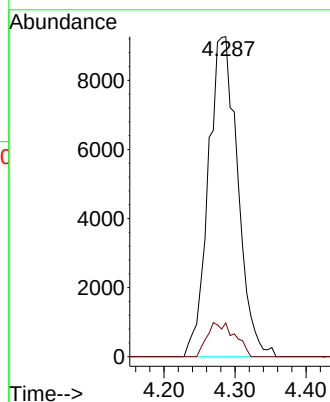
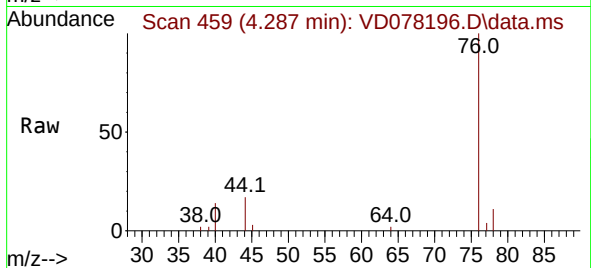




#17
Carbon Disulfide
Concen: 5.256 ug/l
RT: 4.287 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

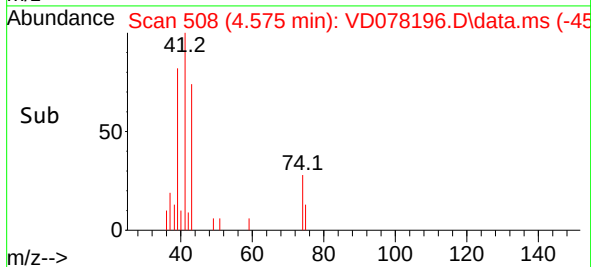
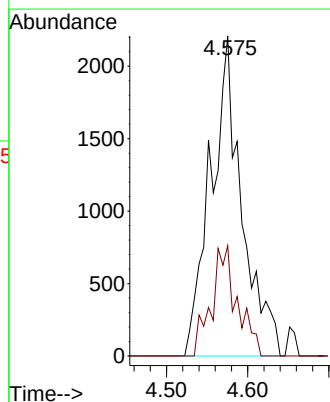
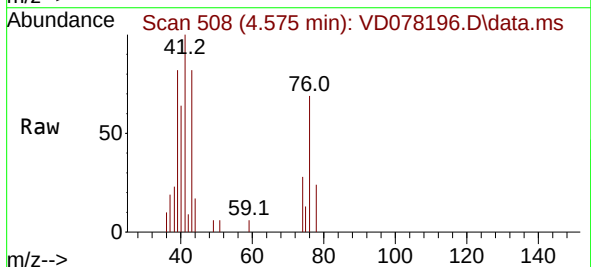
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

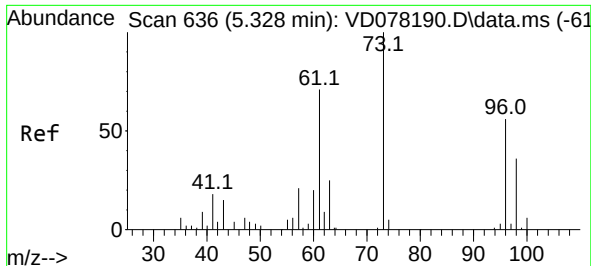
Tgt Ion: 76 Resp: 26592
Ion Ratio Lower Upper
76 100
78 10.5 6.8 10.2#



#18
Methyl Acetate
Concen: 4.829 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 43 Resp: 5885
Ion Ratio Lower Upper
43 100
74 28.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 4.989 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.012 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

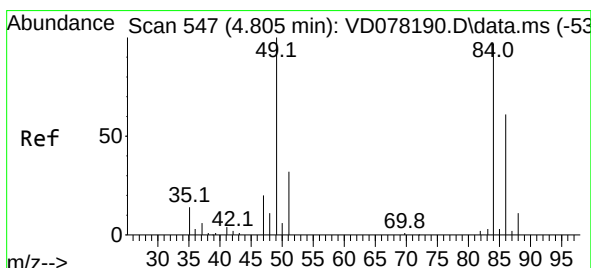
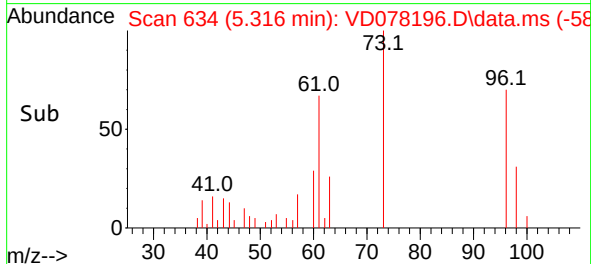
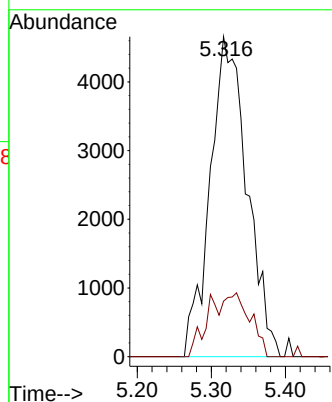
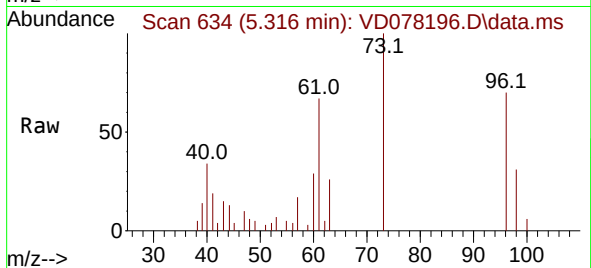
VSTDIC005

Tgt Ion: 73 Resp: 16163

Ion Ratio Lower Upper

73 100

57 17.4 16.6 25.0



#20

Methylene Chloride

Concen: 5.079 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Tgt Ion: 84 Resp: 14829

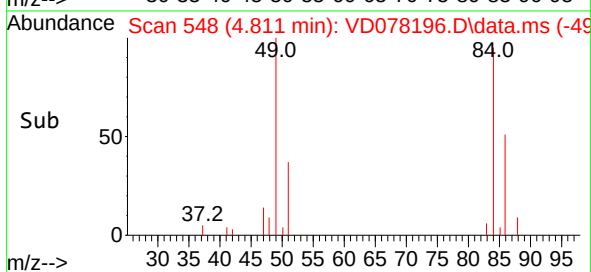
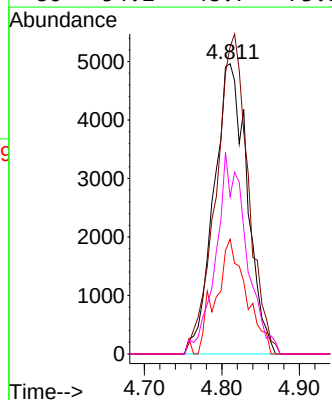
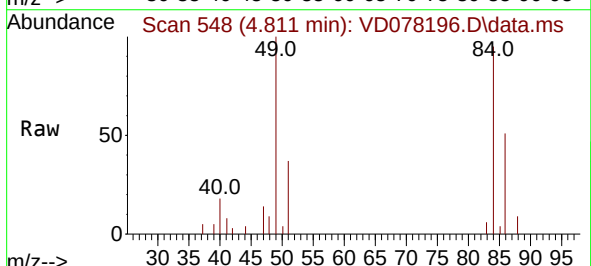
Ion Ratio Lower Upper

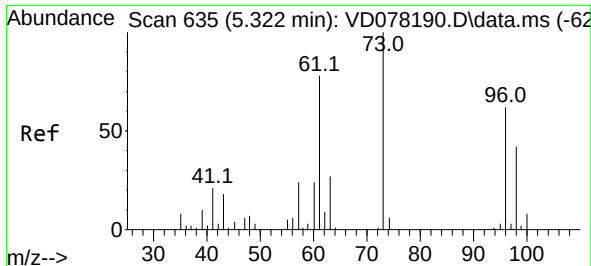
84 100

49 105.8 71.4 107.2

51 39.5 24.5 36.7#

86 54.2 48.7 73.1

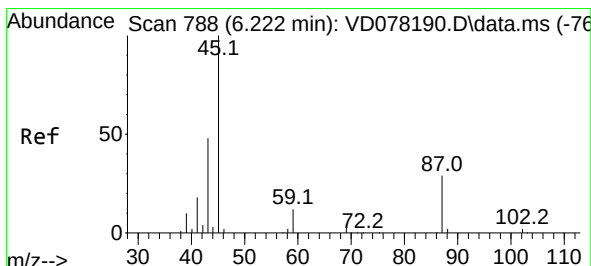
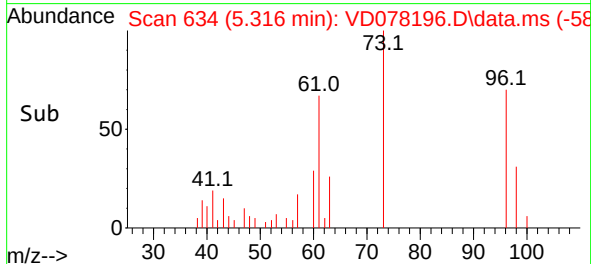
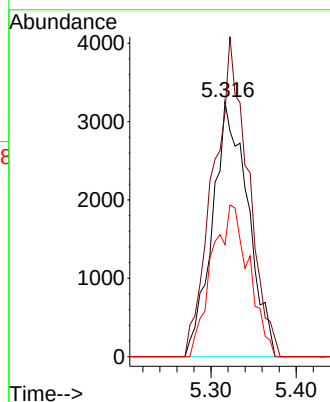
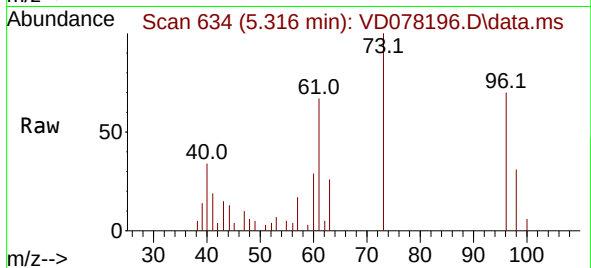




#21
trans-1,2-Dichloroethene
Concen: 5.177 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

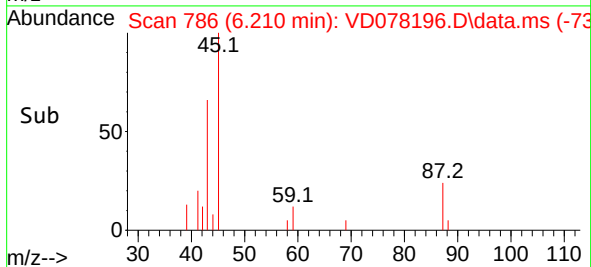
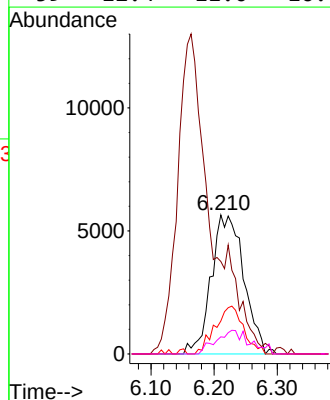
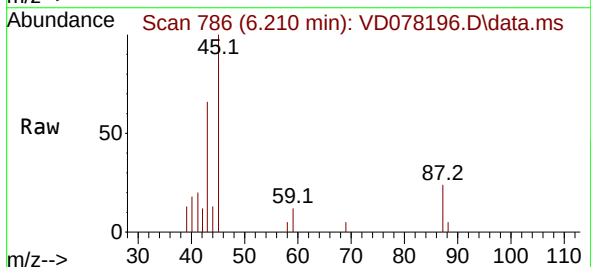
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

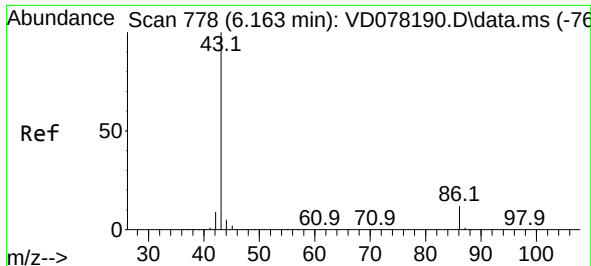
Tgt Ion: 96 Resp: 9376
Ion Ratio Lower Upper
96 100
61 95.5 89.3 133.9
98 43.9 48.6 73.0#



#22
Diisopropyl ether
Concen: 4.663 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 45 Resp: 20219
Ion Ratio Lower Upper
45 100
43 61.7 40.0 60.0#
87 23.7 28.2 42.4#
59 12.4 11.0 16.4

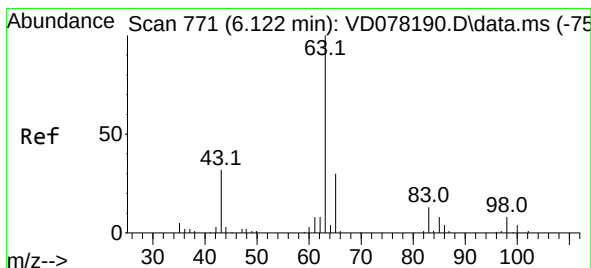
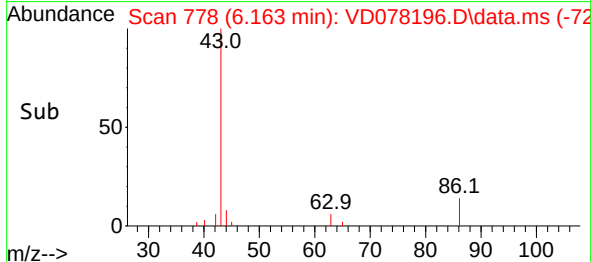
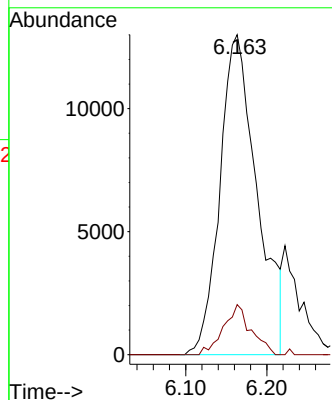
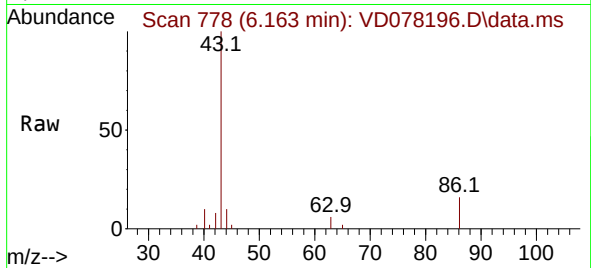




#23
 Vinyl Acetate
 Concen: 19.507 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

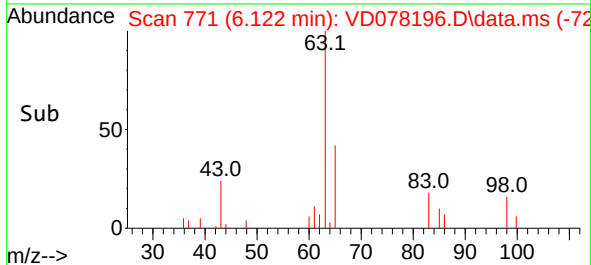
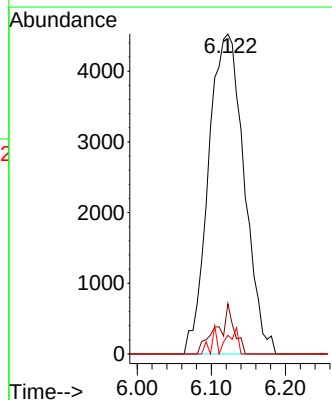
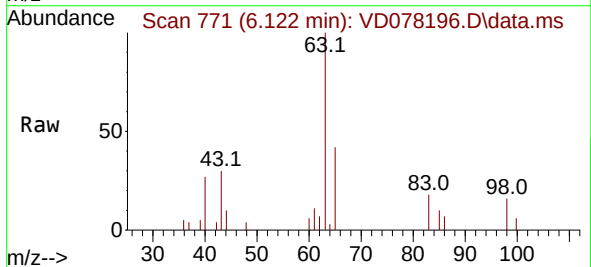
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

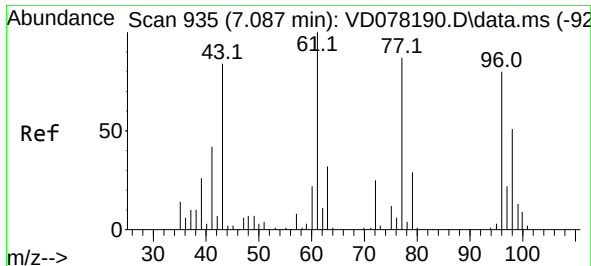
Tgt Ion: 43 Resp: 41340
 Ion Ratio Lower Upper
 43 100
 86 15.7 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.089 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion: 63 Resp: 15115
 Ion Ratio Lower Upper
 63 100
 98 15.7 4.5 13.7#
 100 5.8 2.5 7.5

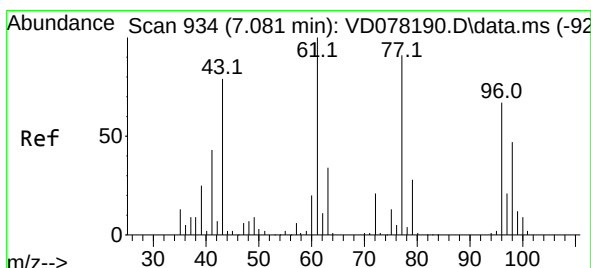
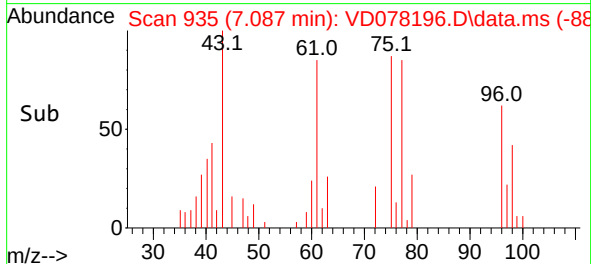
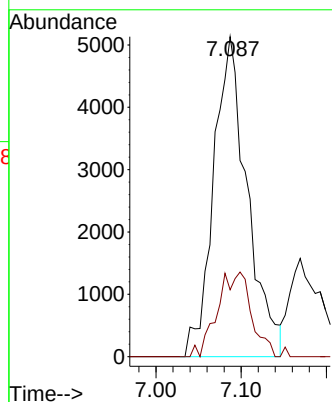
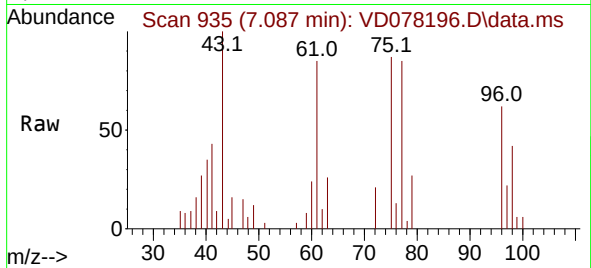




#25
2-Butanone
Concen: 22.446 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

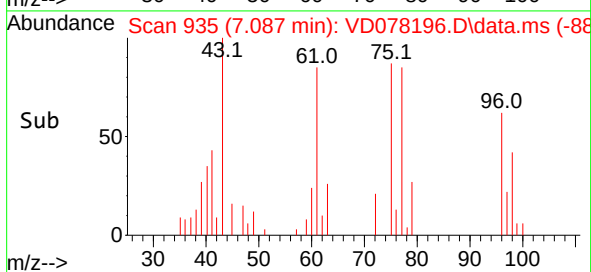
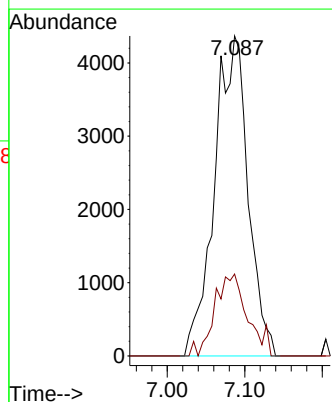
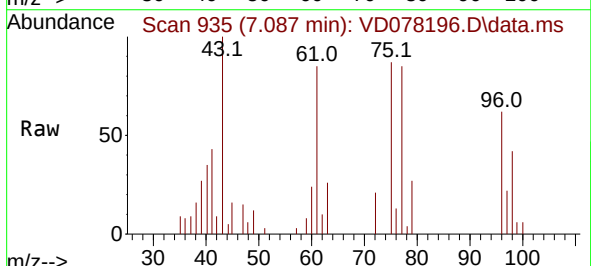
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

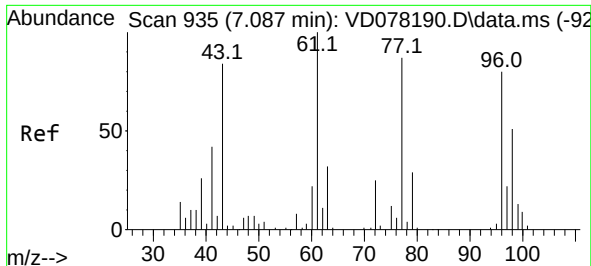
Tgt Ion: 43 Resp: 14104
Ion Ratio Lower Upper
43 100
72 20.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.193 ug/l
RT: 7.087 min Scan# 935
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 77 Resp: 13164
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6

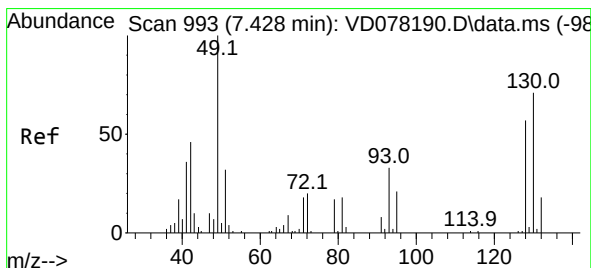
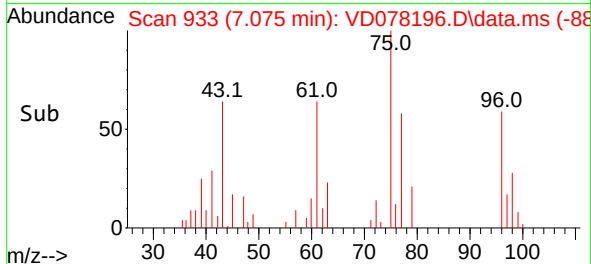
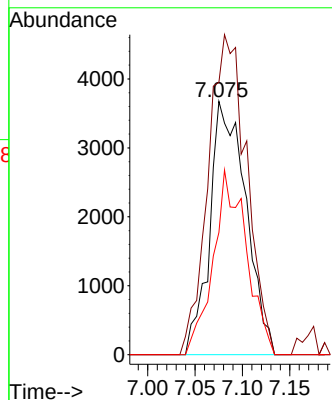
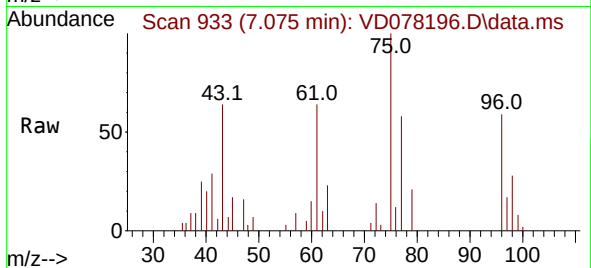




#27
 cis-1,2-Dichloroethene
 Concen: 5.002 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

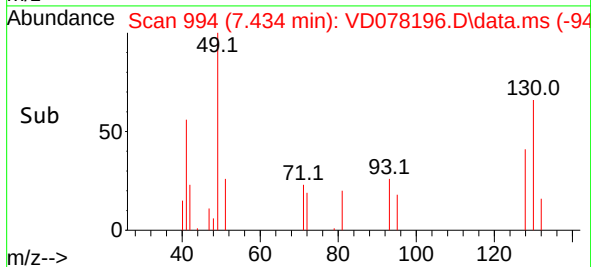
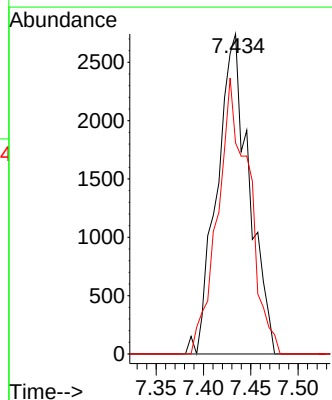
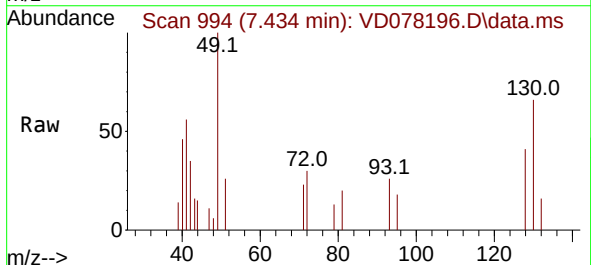
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

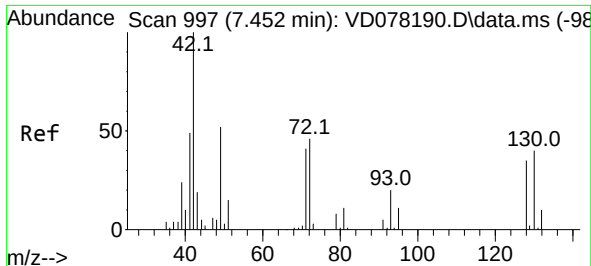
Tgt Ion: 96	Resp: 9741		
Ion Ratio	Lower	Upper	
96	100		
61	134.9	0.0	239.2
98	66.7	0.0	128.6



#28
 Bromochloromethane
 Concen: 5.387 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion: 49	Resp: 6456		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	6.0	
130 84.3	83.2	124.8	





#29

Tetrahydrofuran

Concen: 23.045 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

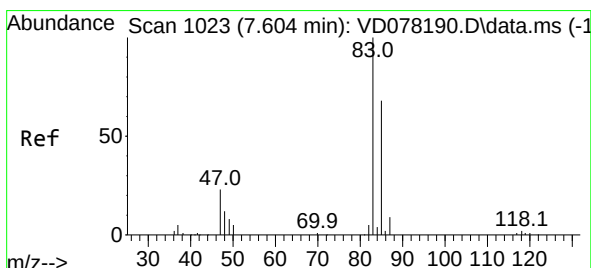
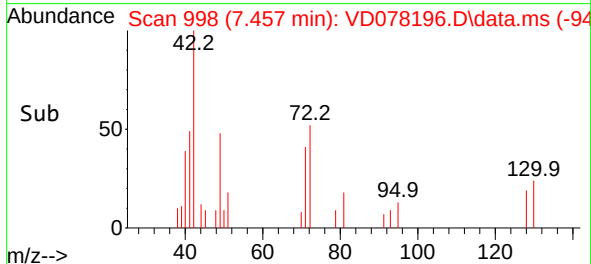
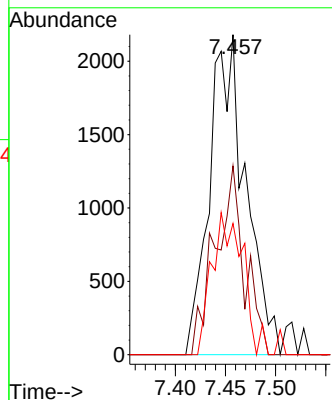
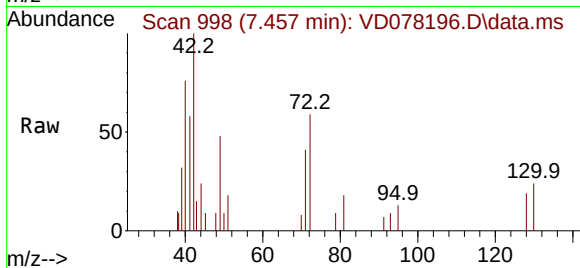
Tgt Ion: 42 Resp: 5480

Ion Ratio Lower Upper

42 100

72 47.8 46.5 69.7

71 38.3 44.5 66.7#



#30

Chloroform

Concen: 5.200 ug/l

RT: 7.604 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VD078196.D

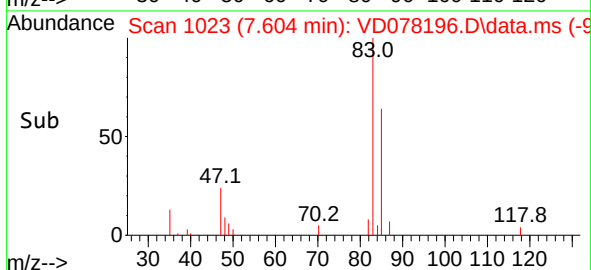
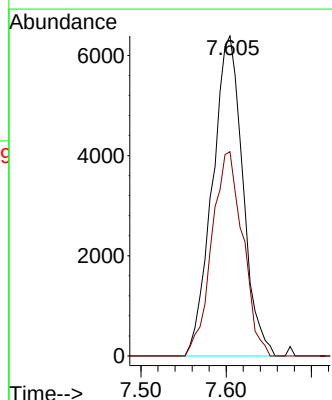
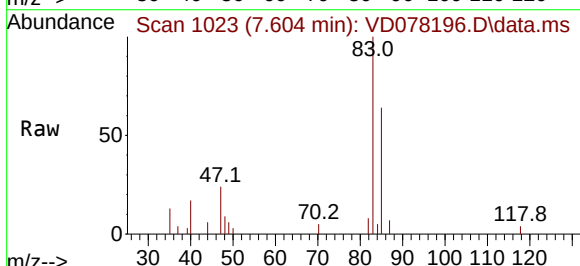
Acq: 22 Jan 2024 16:47

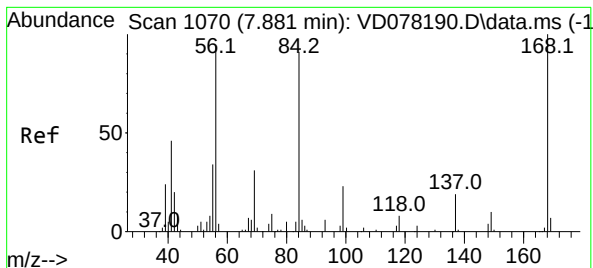
Tgt Ion: 83 Resp: 15881

Ion Ratio Lower Upper

83 100

85 63.9 53.4 80.2





#31

Cyclohexane

Concen: 5.982 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

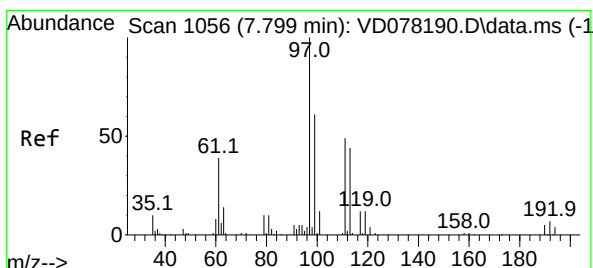
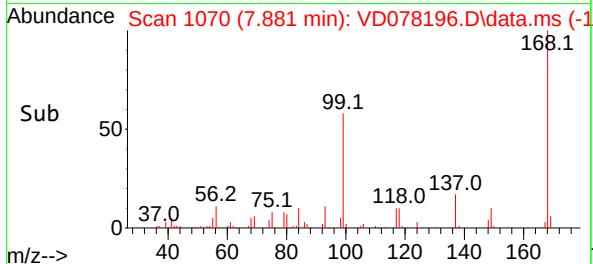
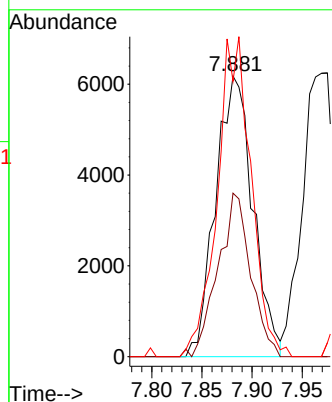
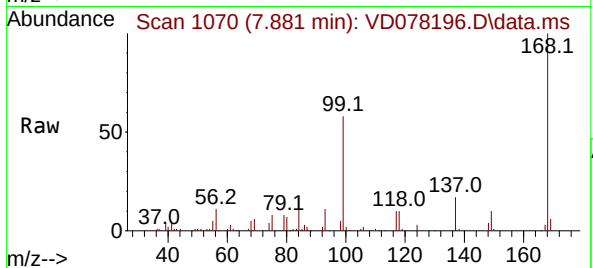
Tgt Ion: 56 Resp: 16003

Ion Ratio Lower Upper

56 100

69 58.2 28.6 43.0#

84 98.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 5.335 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

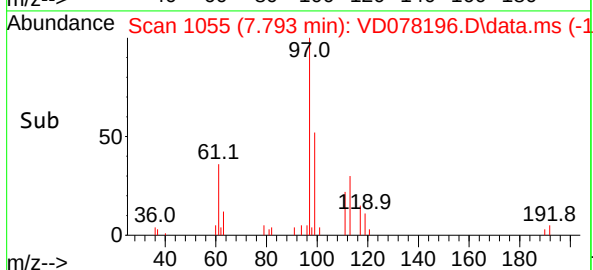
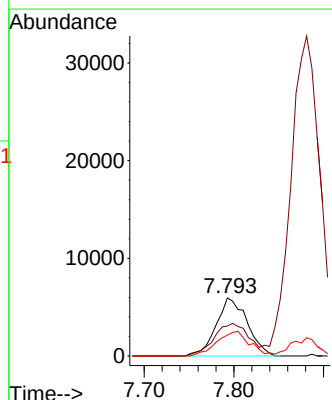
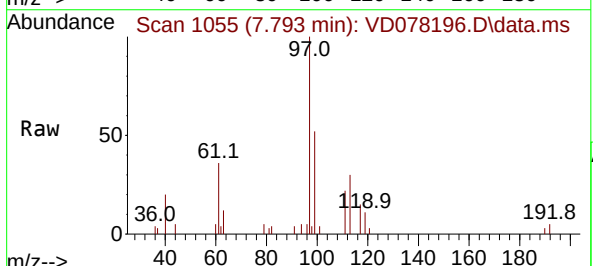
Tgt Ion: 97 Resp: 14298

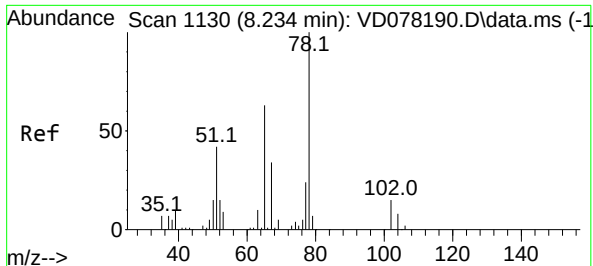
Ion Ratio Lower Upper

97 100

99 62.3 52.0 78.0

61 44.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.280 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

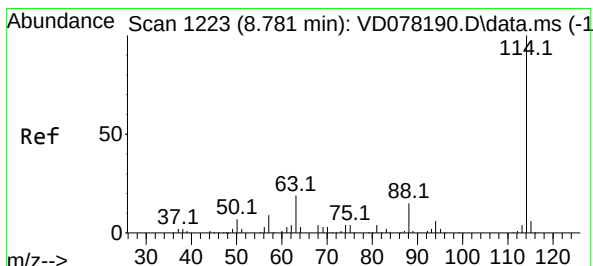
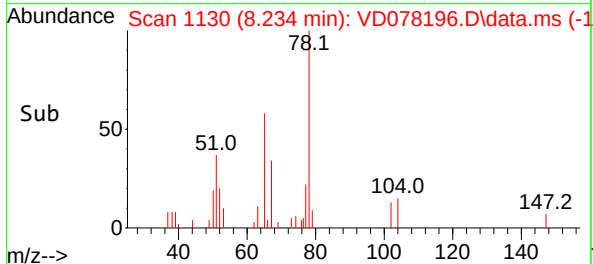
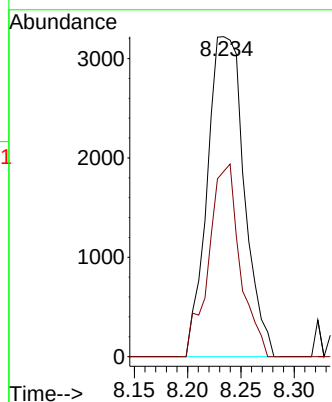
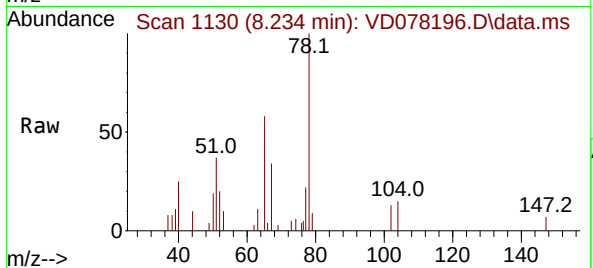
VSTDIC005

Tgt Ion: 65 Resp: 7782

Ion Ratio Lower Upper

65 100

67 50.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

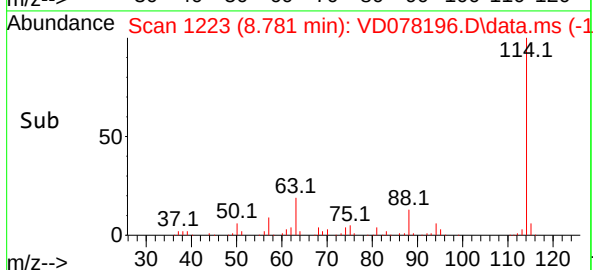
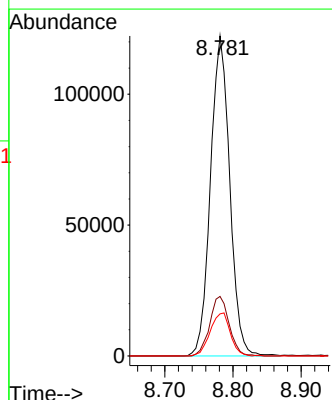
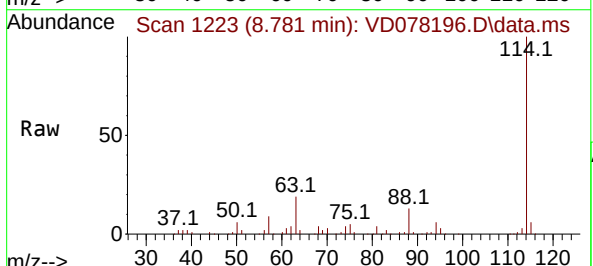
Tgt Ion: 114 Resp: 240576

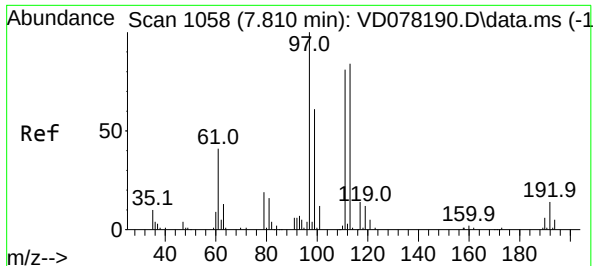
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 4.917 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

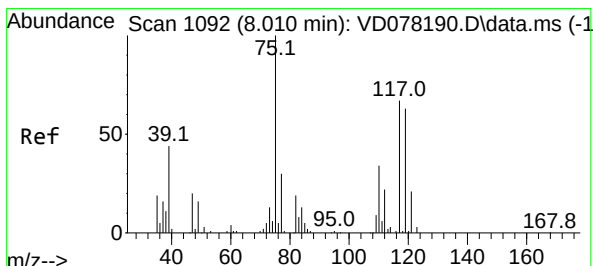
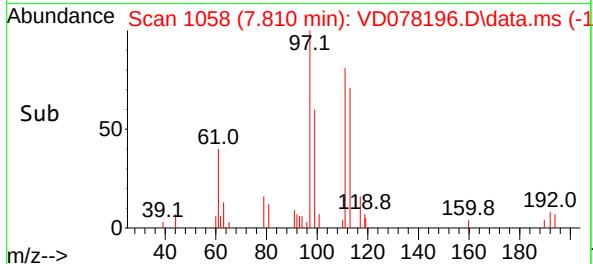
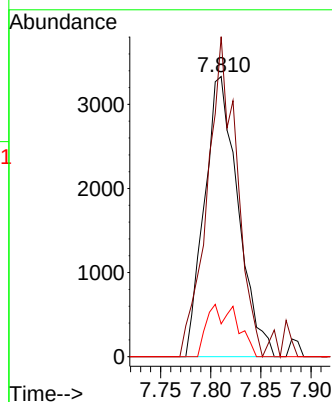
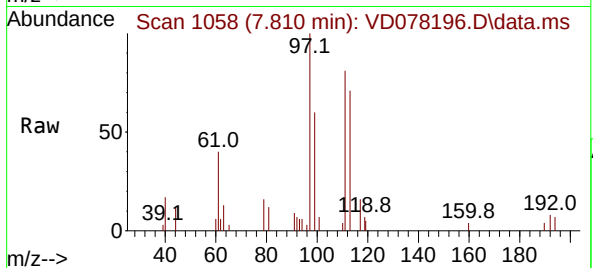
Tgt Ion:113 Resp: 7765

Ion Ratio Lower Upper

113 100

111 100.4 84.7 127.1

192 16.8 16.8 25.2#



#36

1,1-Dichloropropene

Concen: 4.939 ug/l

RT: 8.016 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

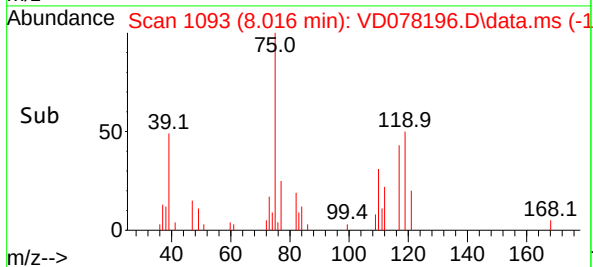
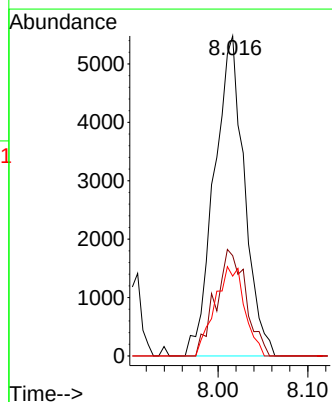
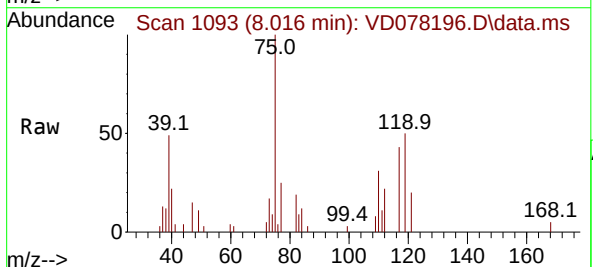
Tgt Ion: 75 Resp: 12724

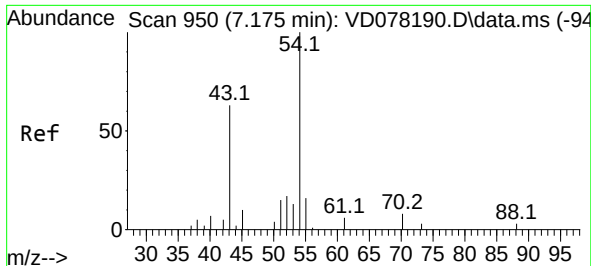
Ion Ratio Lower Upper

75 100

110 33.3 19.9 59.6

77 27.8 24.7 37.1





#37

Ethyl Acetate

Concen: 4.350 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

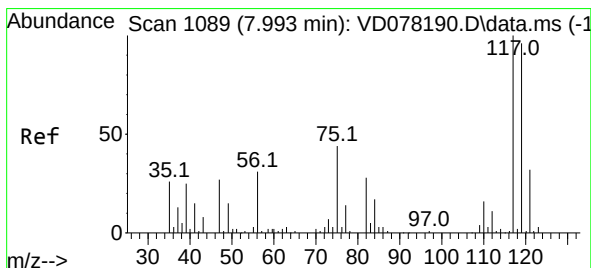
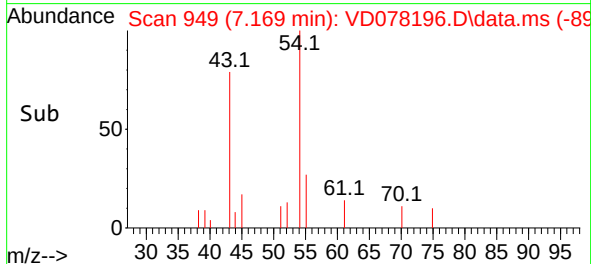
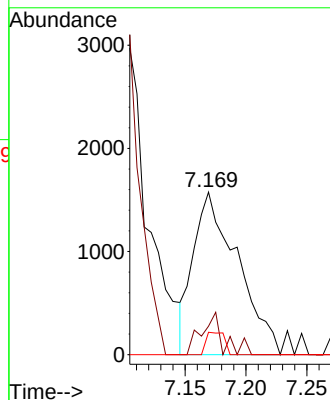
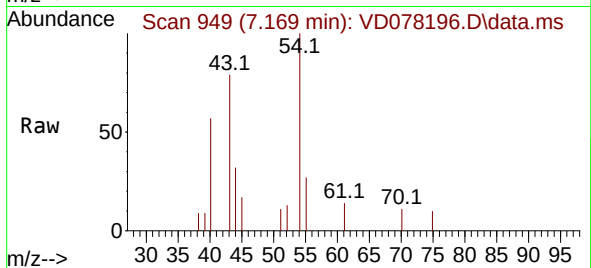
Tgt Ion: 43 Resp: 3985

Ion Ratio Lower Upper

43 100

61 12.8 14.9 22.3#

70 5.7 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 4.580 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

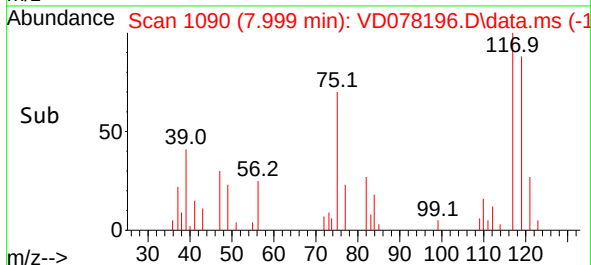
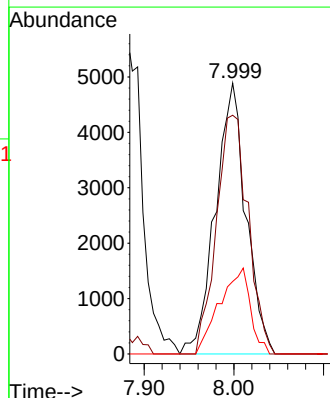
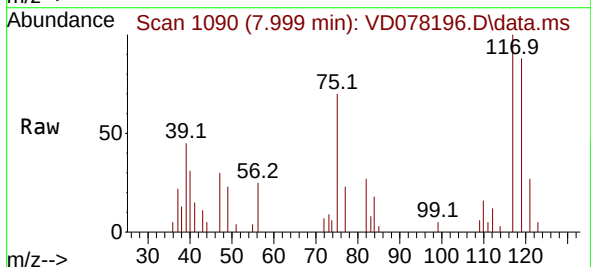
Tgt Ion: 117 Resp: 11571

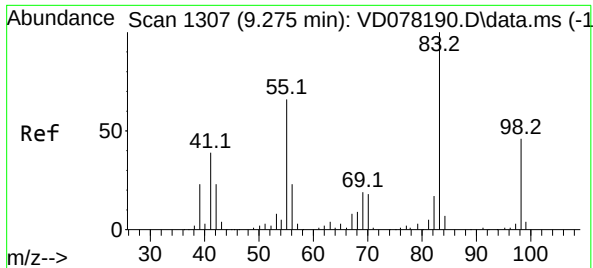
Ion Ratio Lower Upper

117 100

119 88.1 78.0 117.0

121 26.8 24.2 36.2





#39

Methylcyclohexane

Concen: 4.418 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

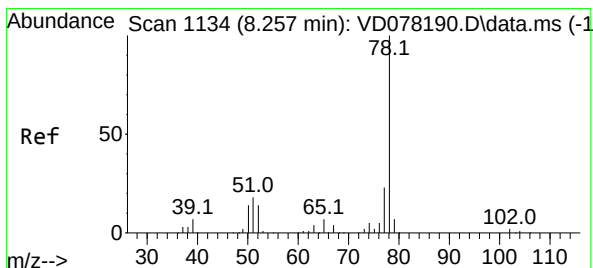
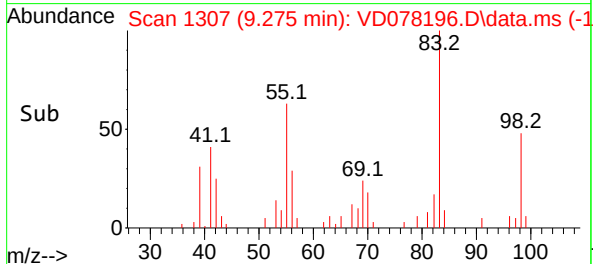
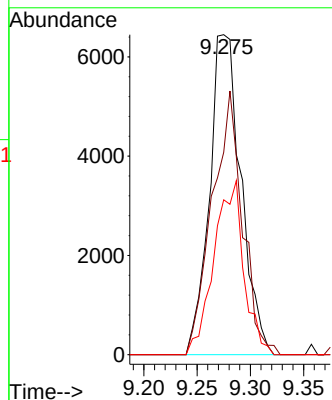
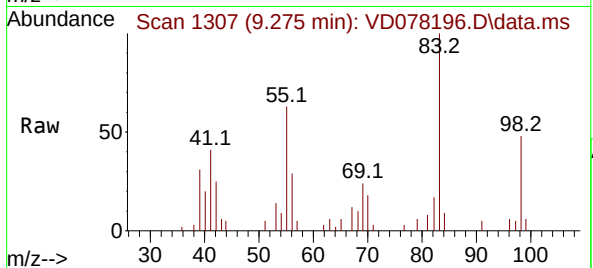
Tgt Ion: 83 Resp: 13302

Ion Ratio Lower Upper

83 100

55 63.3 49.4 74.0

98 48.4 38.4 57.6



#40

Benzene

Concen: 4.753 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.006 min

Lab File: VD078196.D

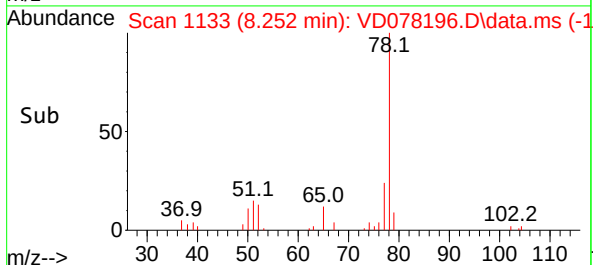
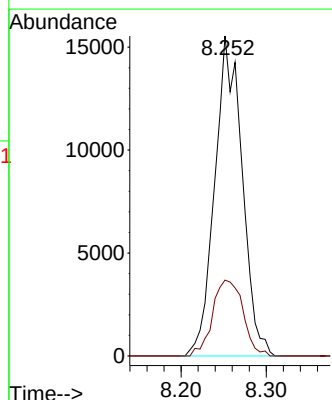
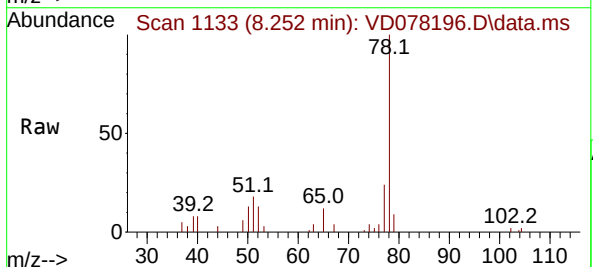
Acq: 22 Jan 2024 16:47

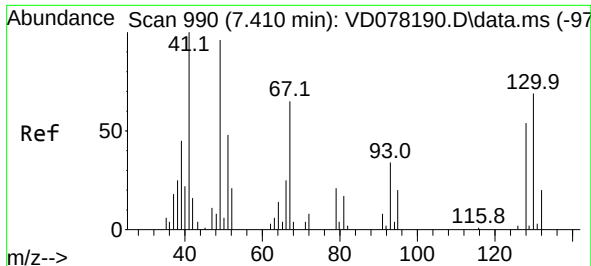
Tgt Ion: 78 Resp: 34666

Ion Ratio Lower Upper

78 100

77 23.7 19.4 29.0



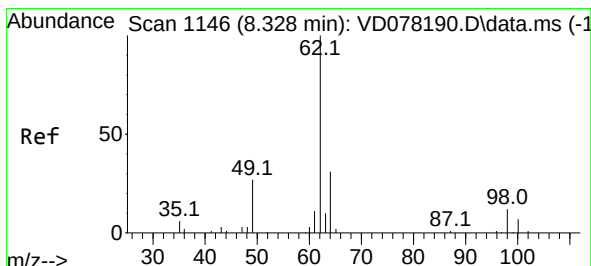
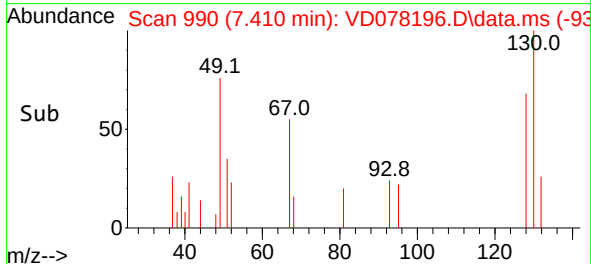
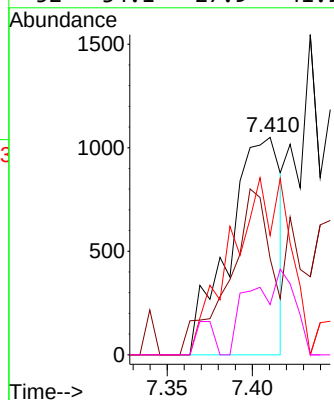
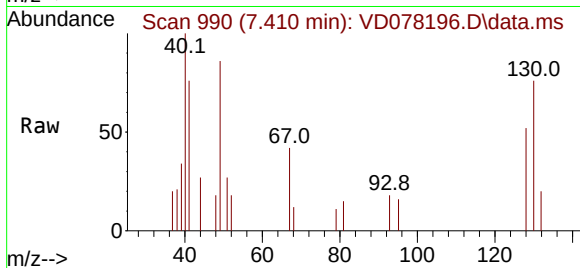


#41
Methacrylonitrile
Concen: 4.125 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 2199

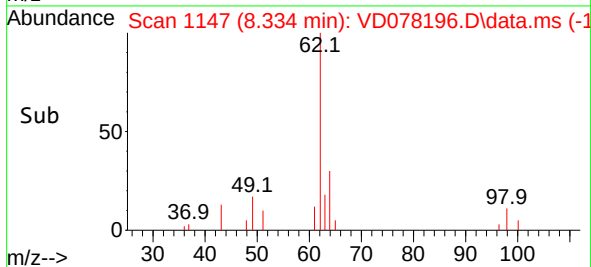
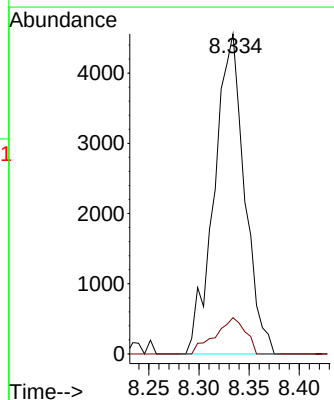
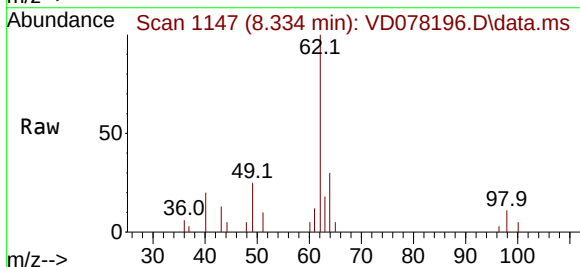
Ion	Ratio	Lower	Upper
41	100		
39	10.3	34.0	51.0#
67	96.4	77.0	115.4
52	34.1	27.9	41.9

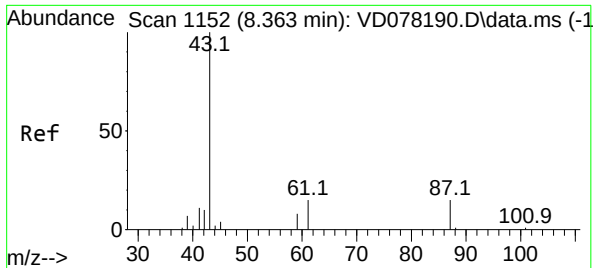


#42
1,2-Dichloroethane
Concen: 5.007 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 62 Resp: 9548

Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

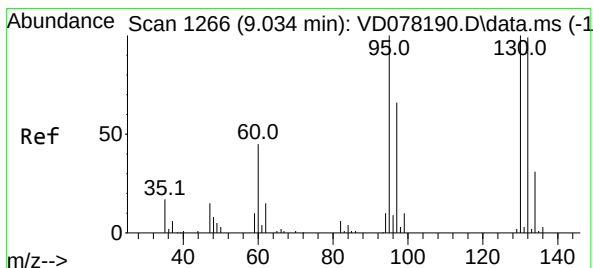
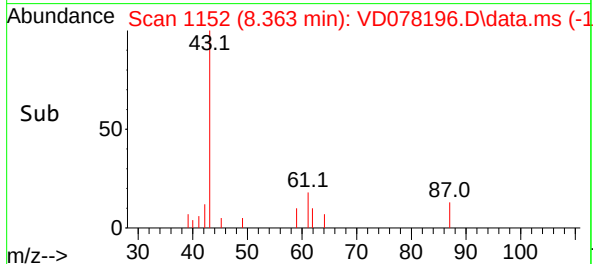
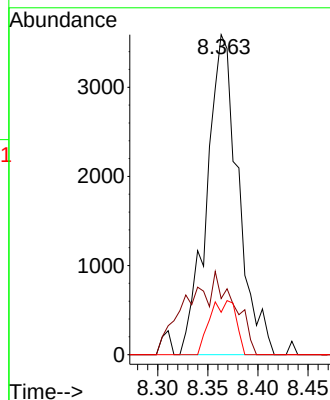
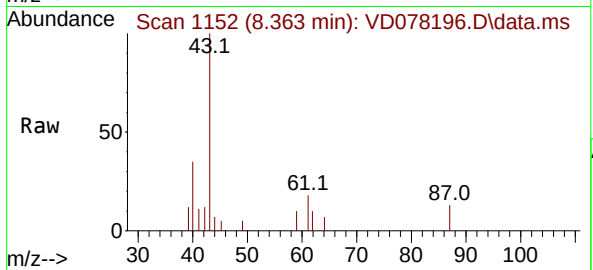




#43
Isopropyl Acetate
Concen: 4.507 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

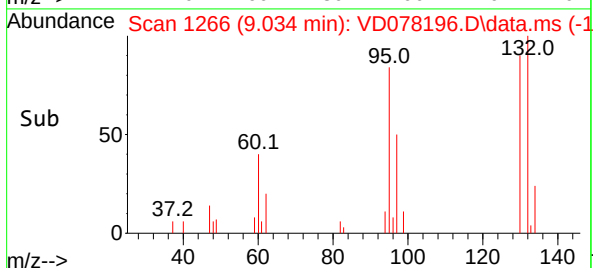
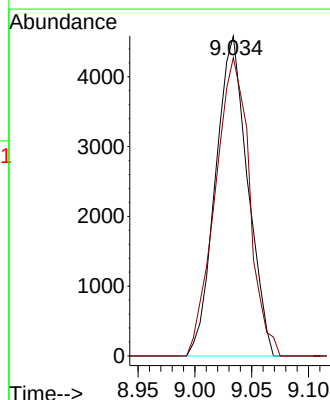
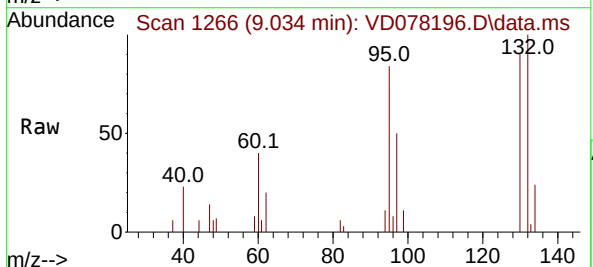
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

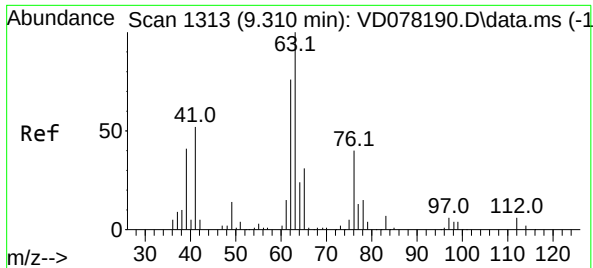
Tgt Ion: 43 Resp: 7849
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0#
87 14.1 14.9 22.3#



#44
Trichloroethene
Concen: 4.842 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:130 Resp: 9034
Ion Ratio Lower Upper
130 100
95 93.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.676 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

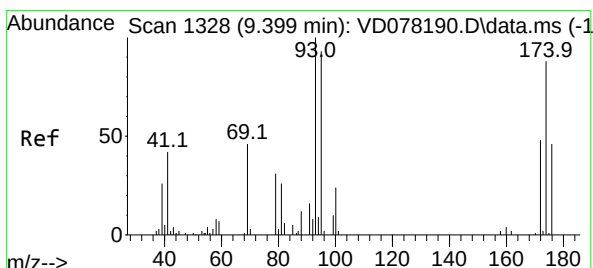
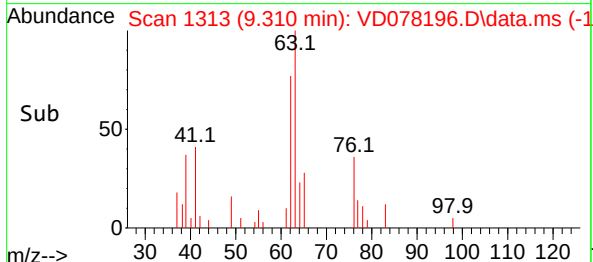
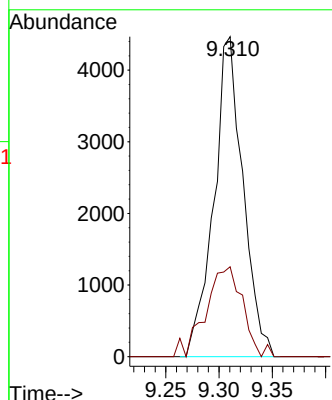
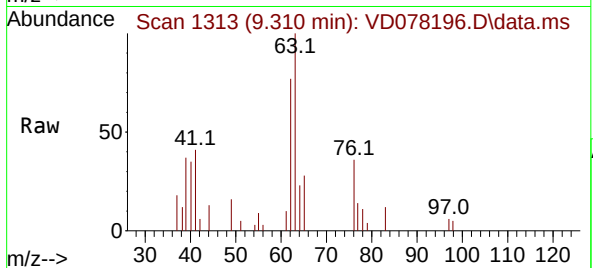
VSTDIC005

Tgt Ion: 63 Resp: 8479

Ion Ratio Lower Upper

63 100

65 28.1 24.5 36.7



#46

Dibromomethane

Concen: 4.391 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

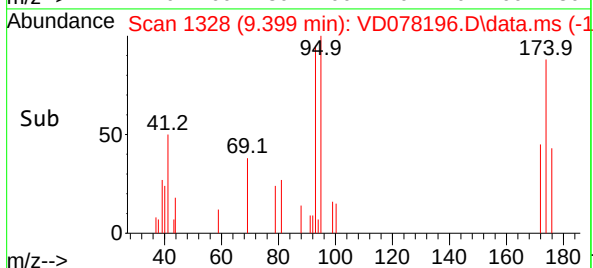
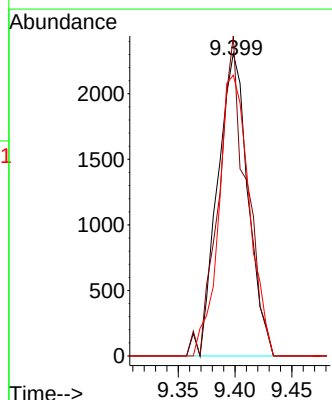
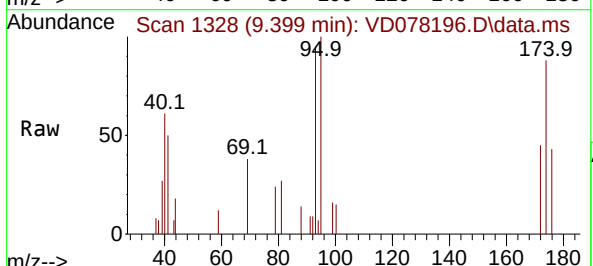
Tgt Ion: 93 Resp: 4330

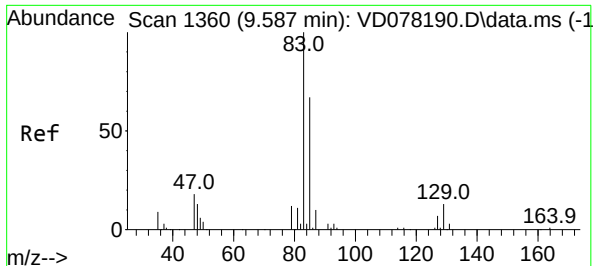
Ion Ratio Lower Upper

93 100

95 95.5 67.7 101.5

174 92.7 85.4 128.2

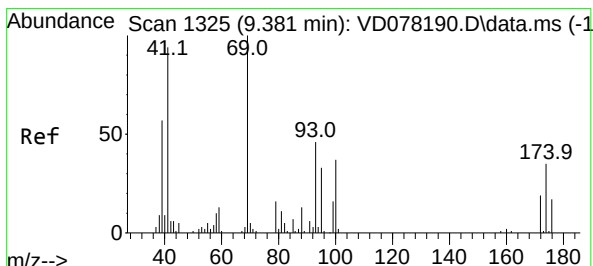
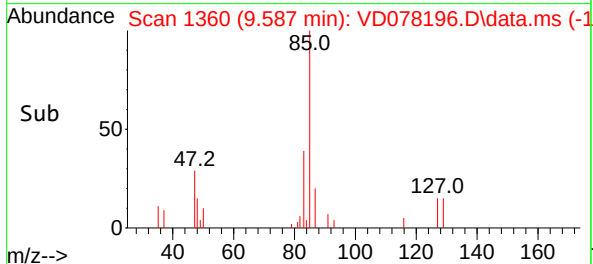
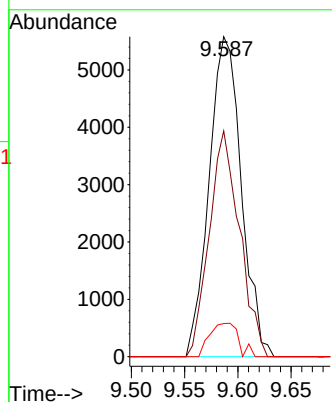
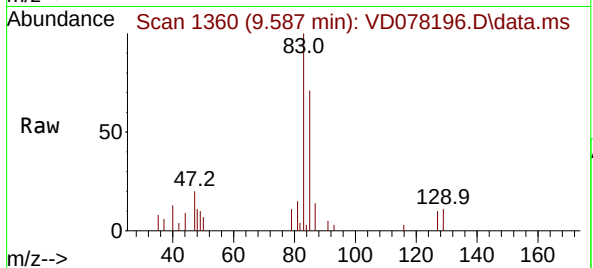




#47
Bromodichloromethane
Concen: 4.756 ug/l
RT: 9.587 min Scan# 11742
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

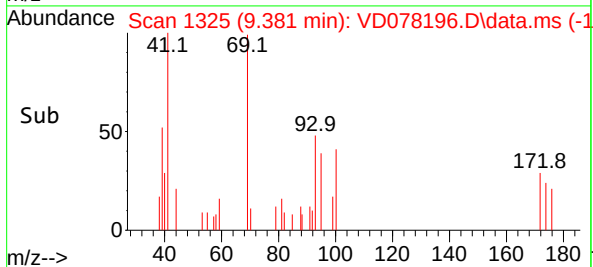
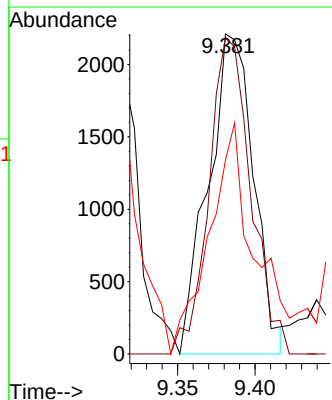
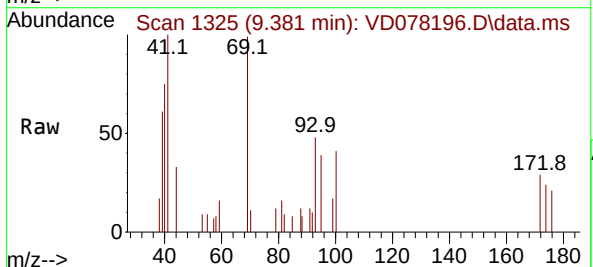
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

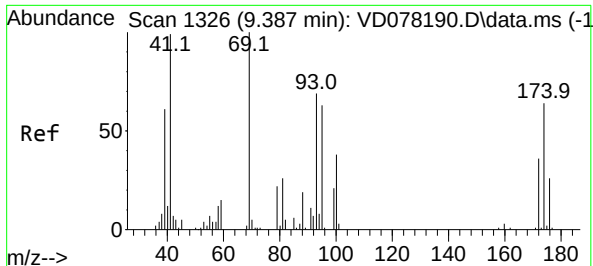
Tgt Ion: 83 Resp: 11742
Ion Ratio Lower Upper
83 100
85 70.6 50.2 75.4
127 10.4 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.473 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 41 Resp: 4494
Ion Ratio Lower Upper
41 100
69 91.8 102.2 153.2#
39 73.7 41.4 62.2#





#49

1,4-Dioxane

Concen: 80.784 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

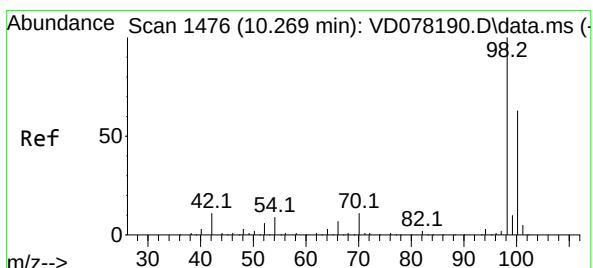
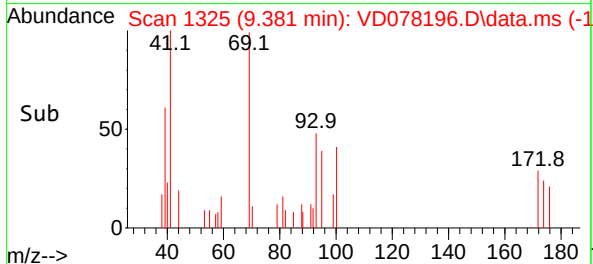
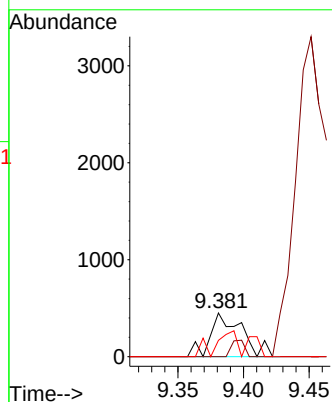
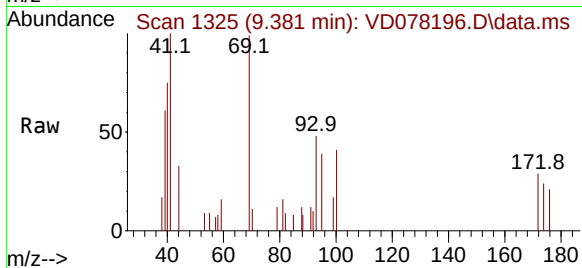
Tgt Ion: 88 Resp: 752

Ion Ratio Lower Upper

88 100

43 0.0 19.0 28.6#

58 40.3 43.5 65.3#



#50

Toluene-d8

Concen: 4.843 ug/l

RT: 10.275 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VD078196.D

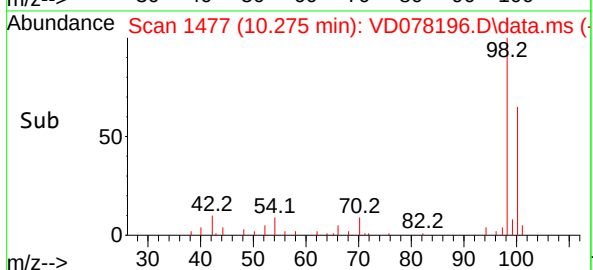
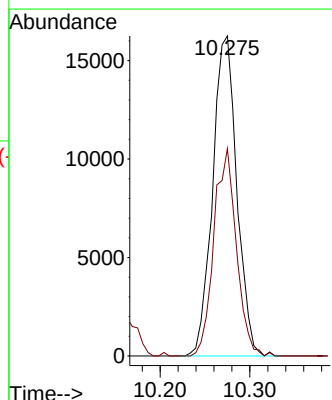
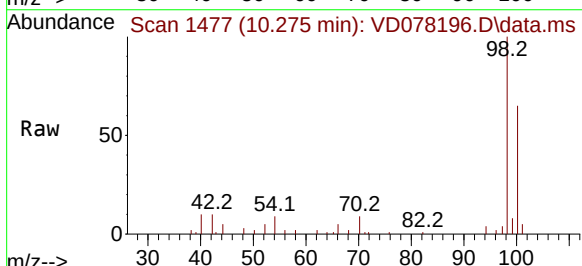
Acq: 22 Jan 2024 16:47

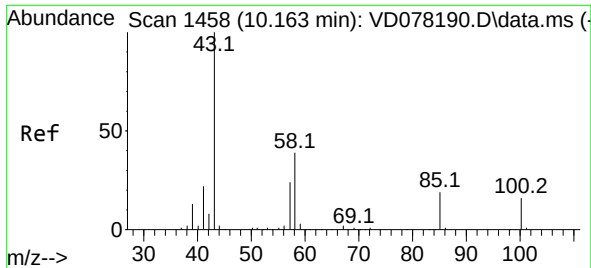
Tgt Ion: 98 Resp: 30457

Ion Ratio Lower Upper

98 100

100 60.2 50.3 75.5

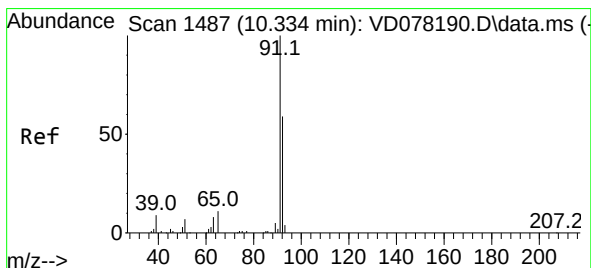
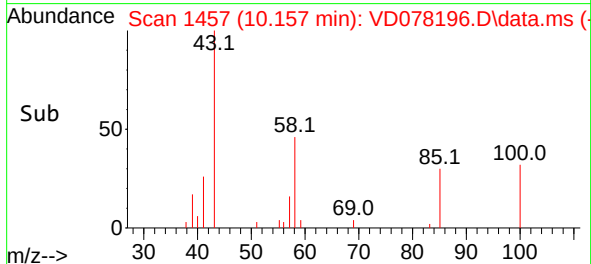
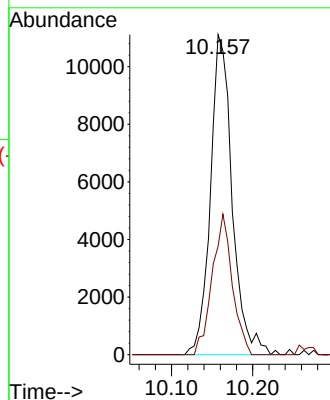
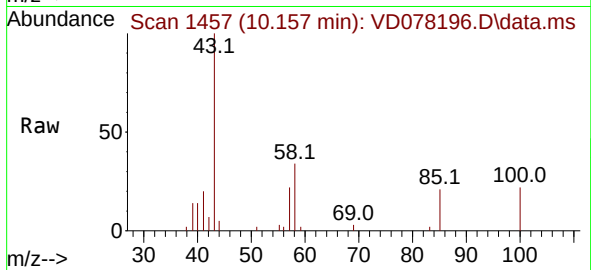




#51
4-Methyl-2-Pentanone
Concen: 22.612 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

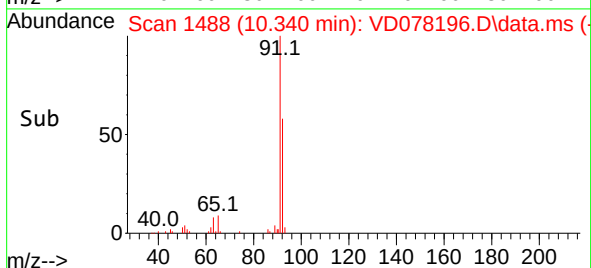
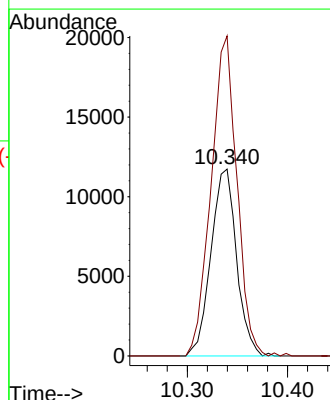
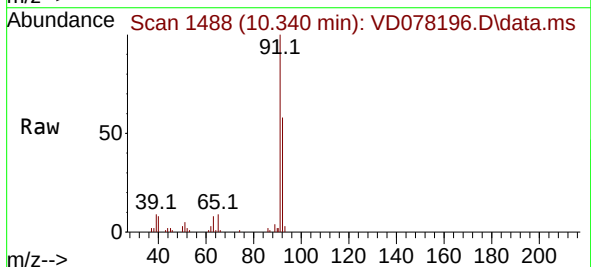
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

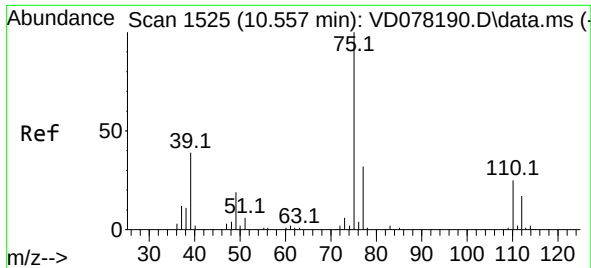
Tgt Ion: 43 Resp: 20724
Ion Ratio Lower Upper
43 100
58 40.5 38.9 58.3



#52
Toluene
Concen: 4.536 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 92 Resp: 20867
Ion Ratio Lower Upper
92 100
91 172.0 143.0 214.4

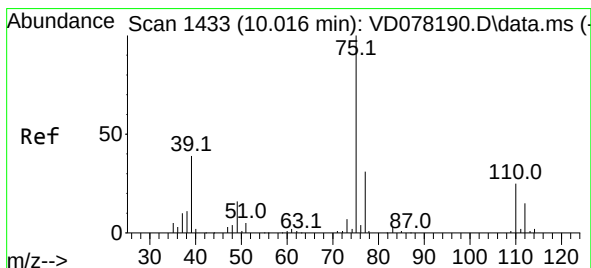
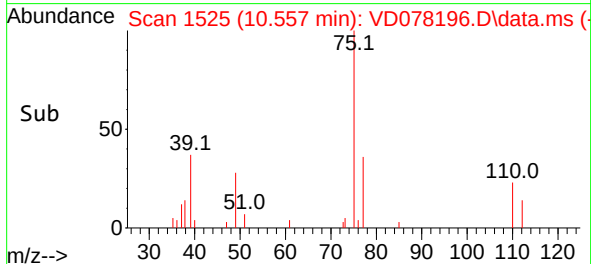
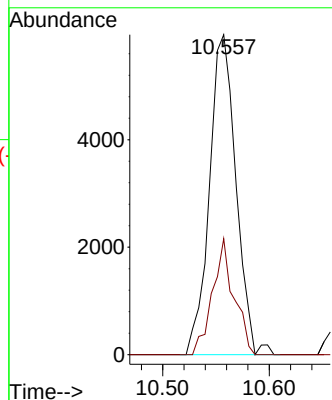
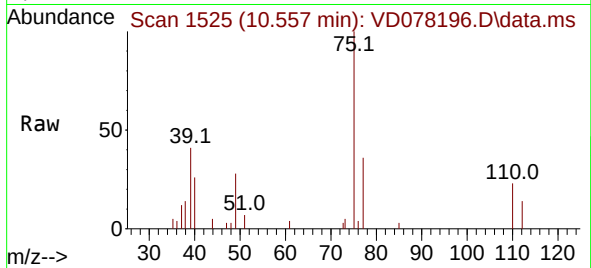




#53
t-1,3-Dichloropropene
Concen: 4.481 ug/l
RT: 10.557 min Scan# 1525
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

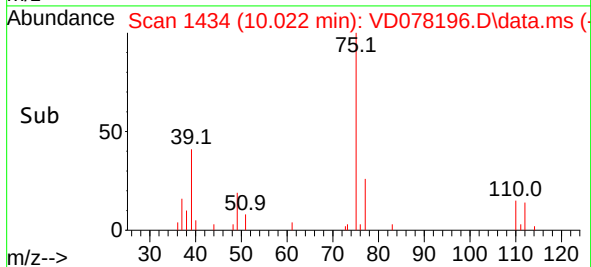
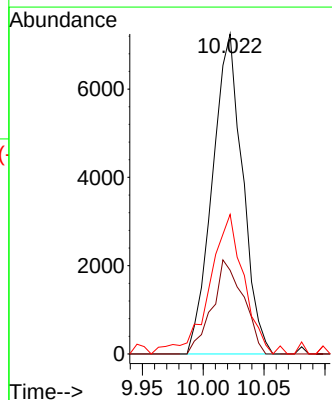
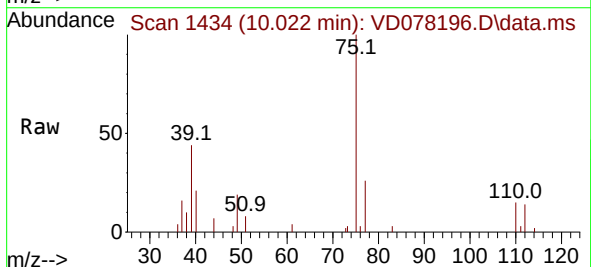
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

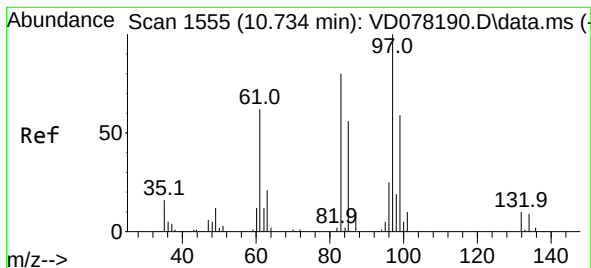
Tgt Ion: 75 Resp: 10323
Ion Ratio Lower Upper
75 100
77 36.2 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 4.490 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 75 Resp: 12492
Ion Ratio Lower Upper
75 100
77 26.2 25.5 38.3
39 41.1 22.1 33.1#

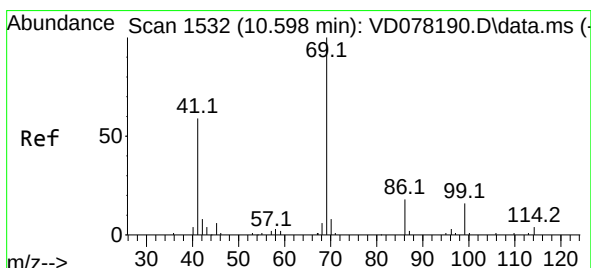
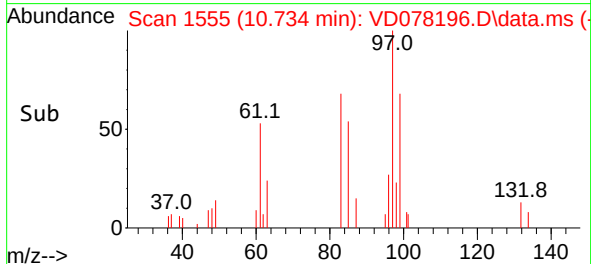
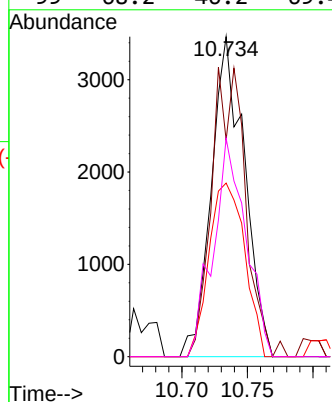
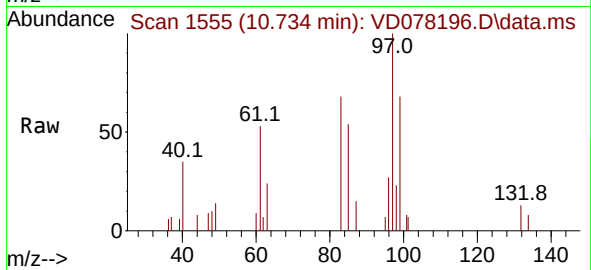




#55
1,1,2-Trichloroethane
Concen: 4.643 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

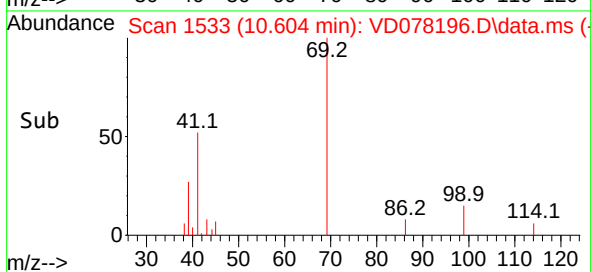
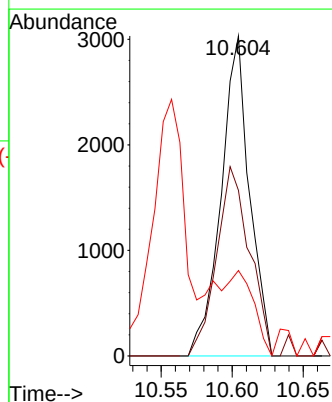
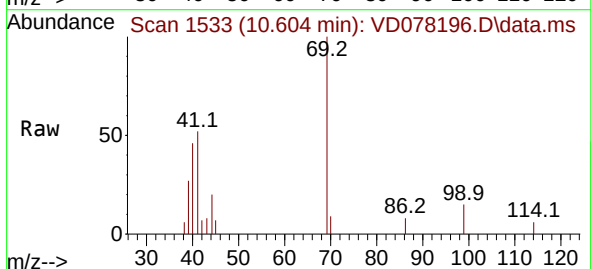
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

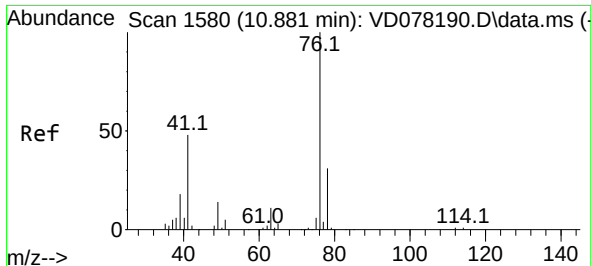
Tgt Ion:	97	Resp:	6073
Ion	Ratio	Lower	Upper
97	100		
83	67.7	65.8	98.6
85	54.2	45.7	68.5
99	68.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 3.915 ug/l
RT: 10.604 min Scan# 1533
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:	69	Resp:	4235
Ion	Ratio	Lower	Upper
69	100		
41	68.2	39.1	58.7#
39	0.0	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 4.605 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

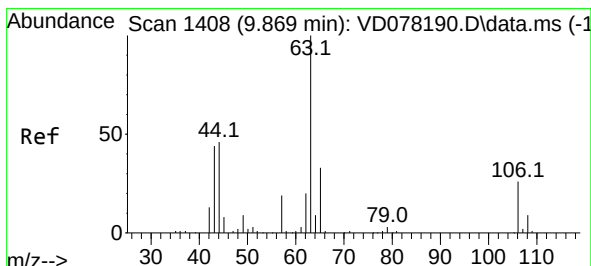
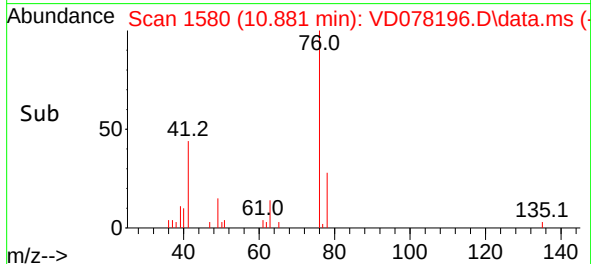
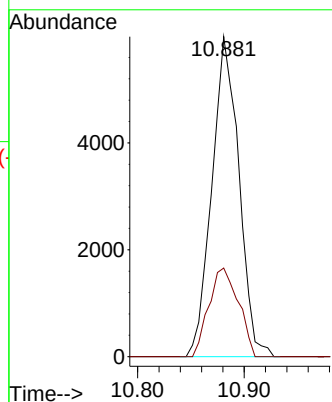
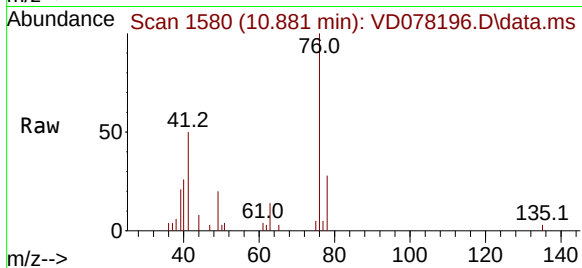
VSTDIC005

Tgt Ion: 76 Resp: 10543

Ion Ratio Lower Upper

76 100

78 30.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.730 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078196.D

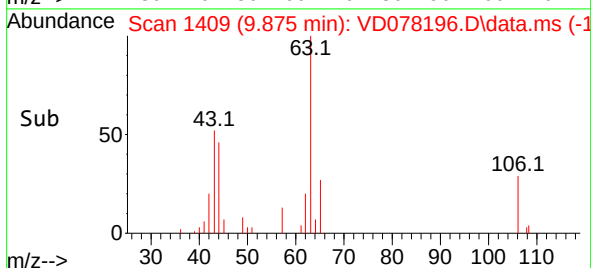
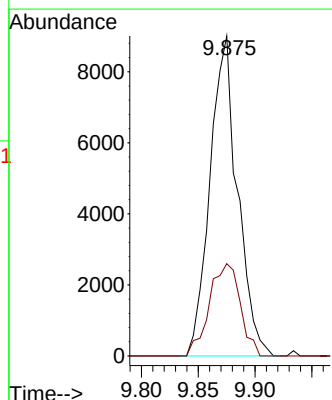
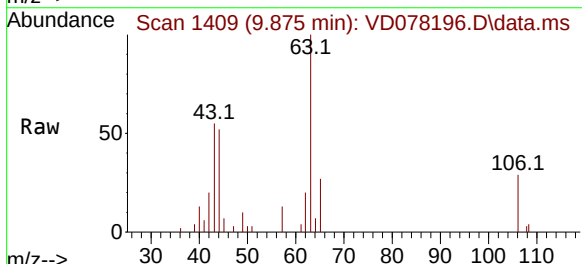
Acq: 22 Jan 2024 16:47

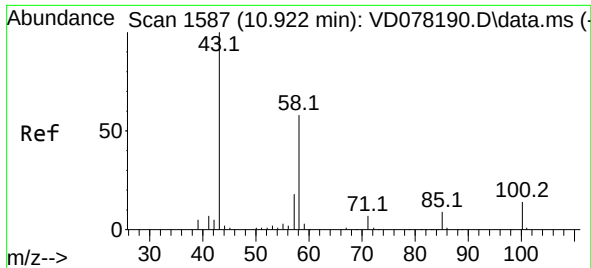
Tgt Ion: 63 Resp: 15164

Ion Ratio Lower Upper

63 100

106 32.4 25.3 37.9

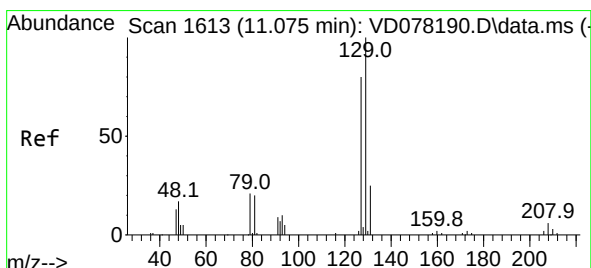
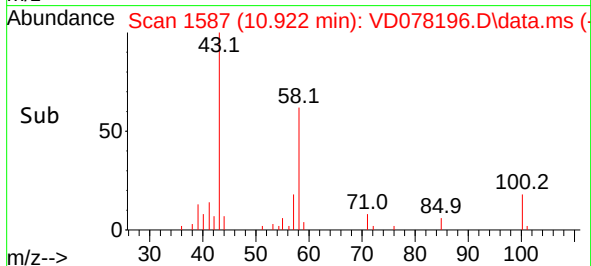
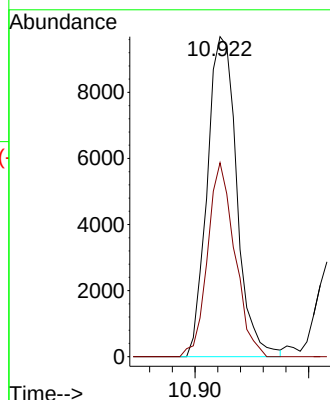
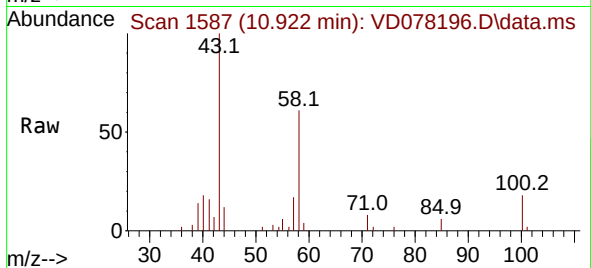




#59
2-Hexanone
Concen: 23.580 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

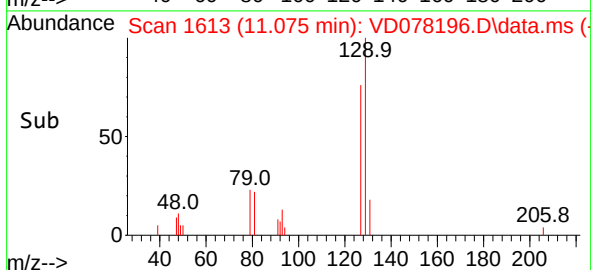
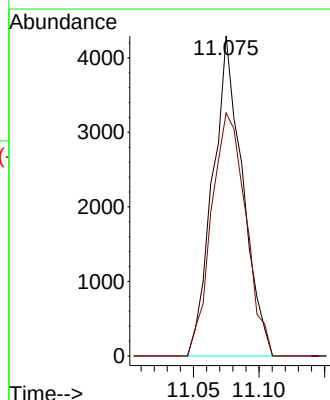
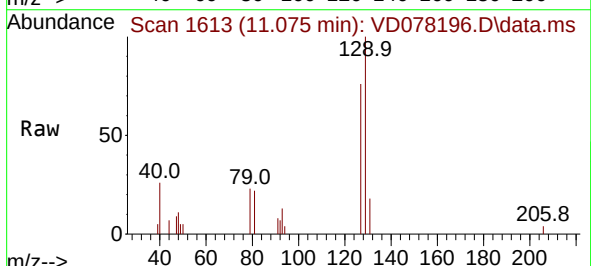
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

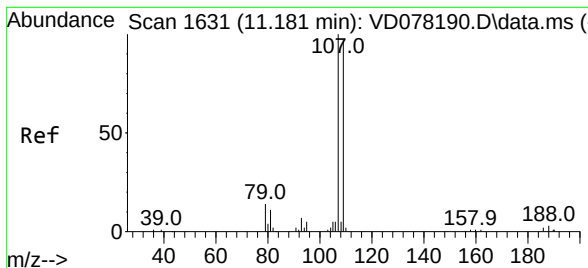
Tgt Ion: 43 Resp: 17546
Ion Ratio Lower Upper
43 100
58 55.6 34.1 102.2



#60
Dibromochloromethane
Concen: 4.367 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 129 Resp: 6773
Ion Ratio Lower Upper
129 100
127 87.6 37.1 111.5

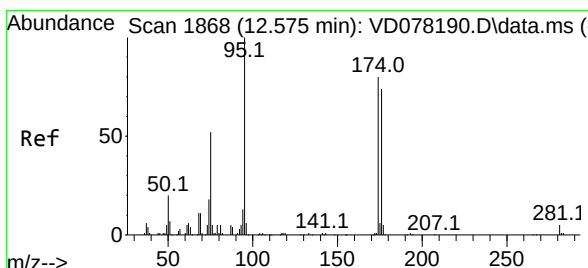
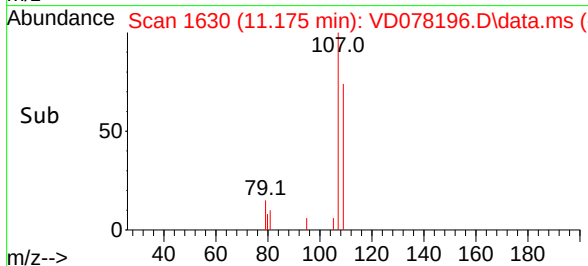
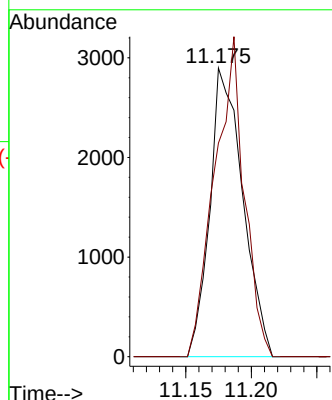
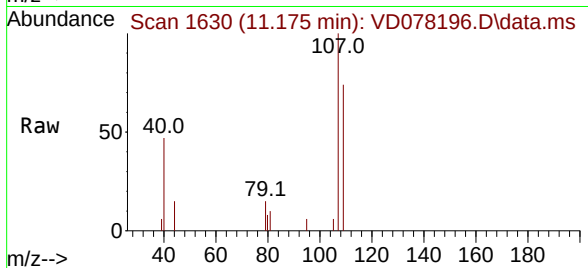




#61
1,2-Dibromoethane
Concen: 4.182 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

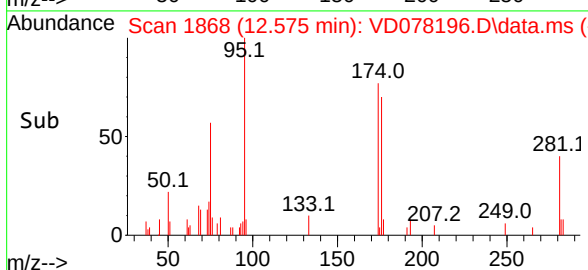
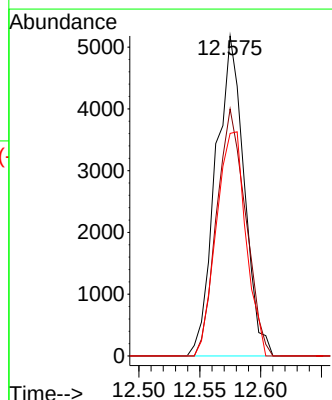
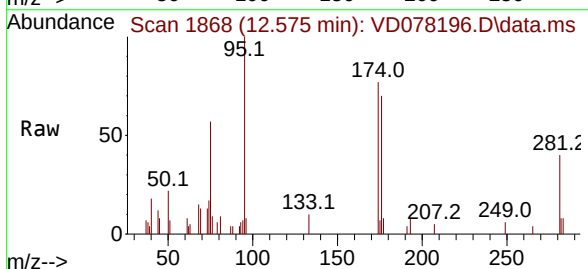
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

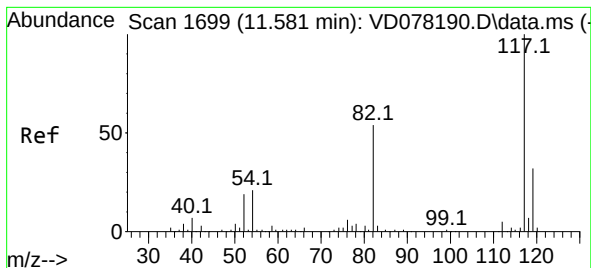
Tgt Ion:107 Resp: 5060
Ion Ratio Lower Upper
107 100
109 99.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.664 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 95 Resp: 8415
Ion Ratio Lower Upper
95 100
174 78.8 0.0 201.8
176 73.0 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.587 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

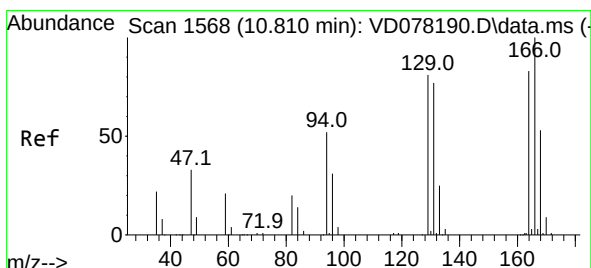
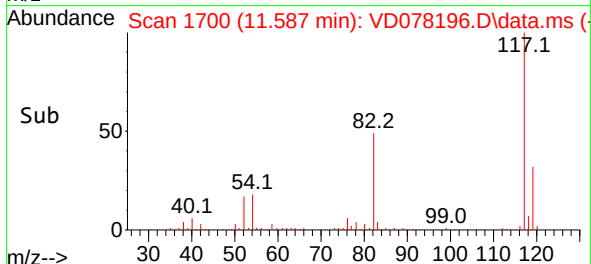
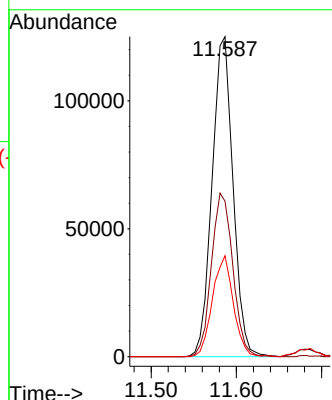
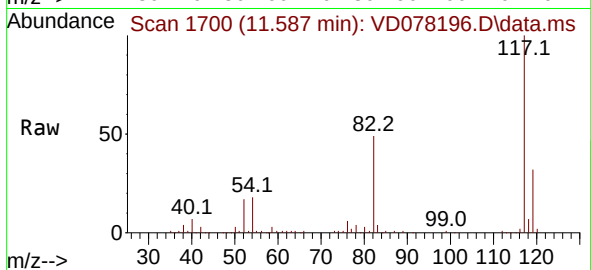
Tgt Ion:117 Resp: 213640

Ion Ratio Lower Upper

117 100

82 48.6 38.3 57.5

119 31.6 25.0 37.4



#64

Tetrachloroethene

Concen: 4.955 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Tgt Ion:164 Resp: 6870

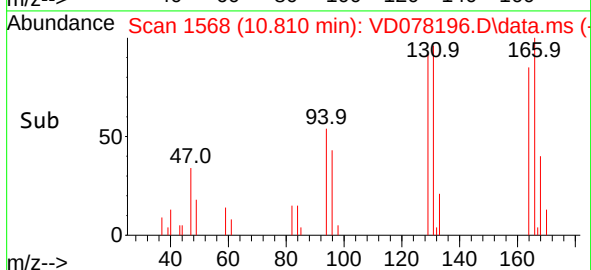
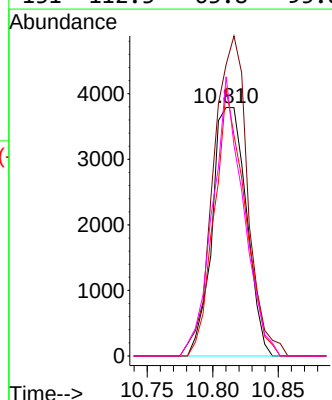
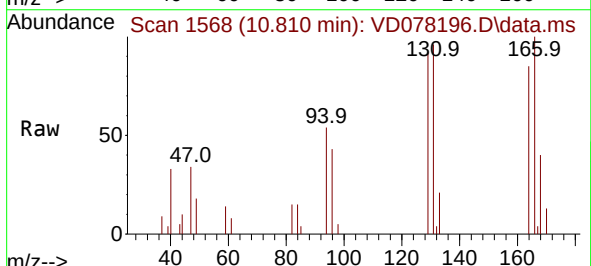
Ion Ratio Lower Upper

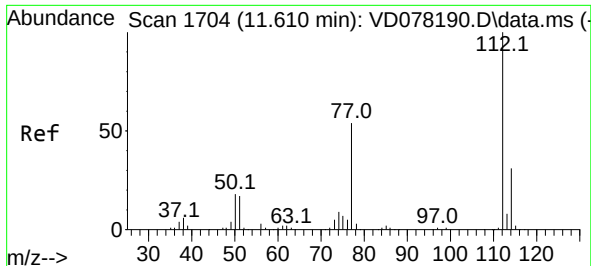
164 100

166 117.2 99.2 148.8

129 107.6 68.4 102.6#

131 112.3 63.8 95.8#

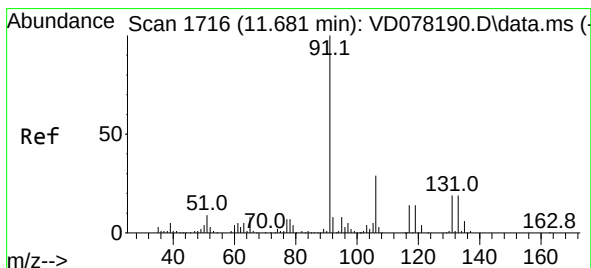
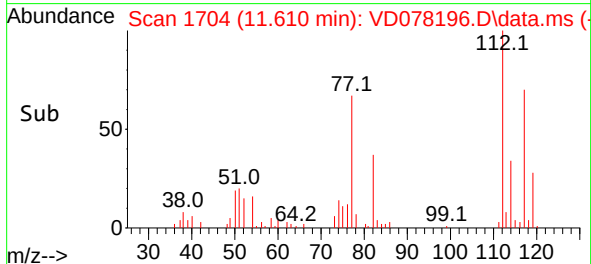
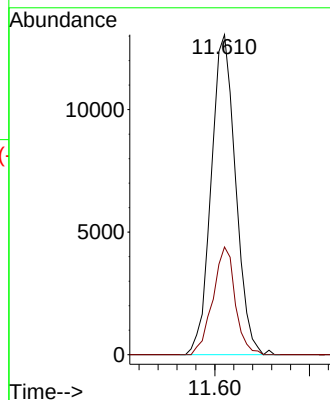
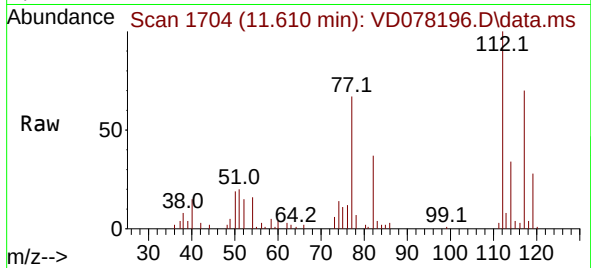




#65
Chlorobenzene
Concen: 4.963 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

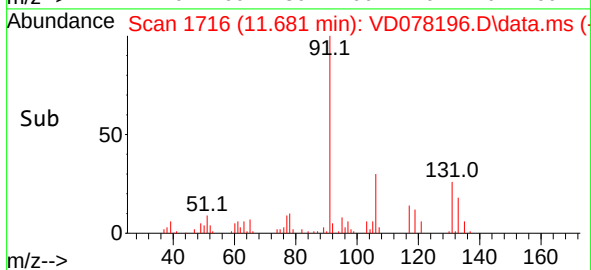
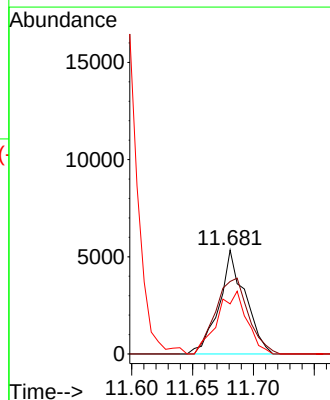
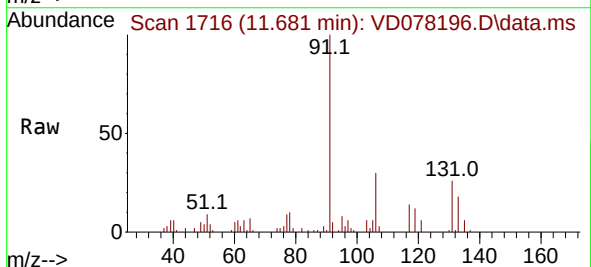
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

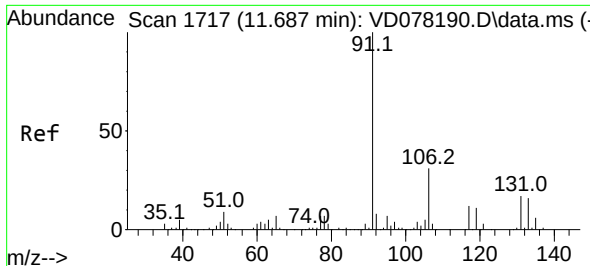
Tgt Ion:112 Resp: 23328
Ion Ratio Lower Upper
112 100
114 33.7 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 4.761 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:131 Resp: 8003
Ion Ratio Lower Upper
131 100
133 91.5 48.5 145.5
119 68.5 35.6 106.9

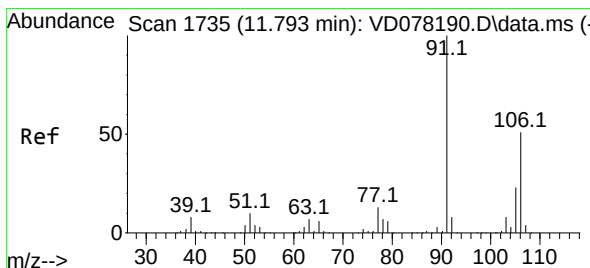
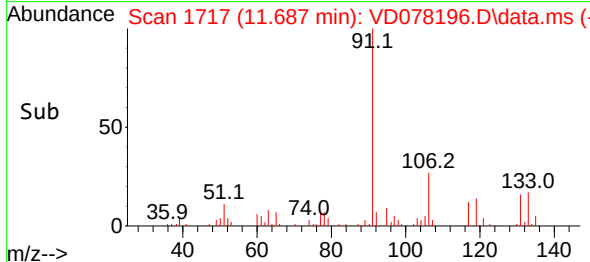
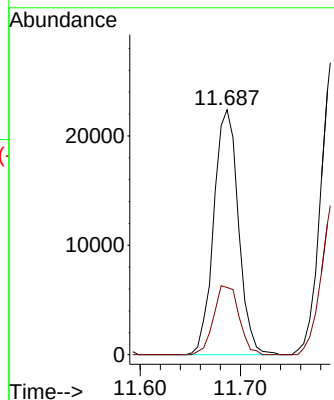
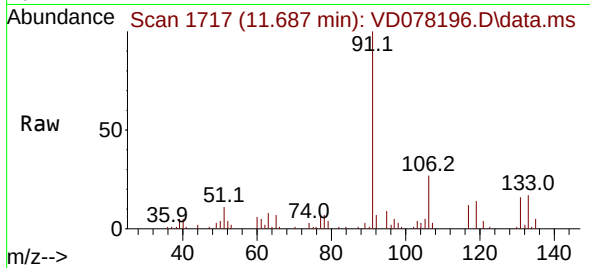




#67
Ethyl Benzene
Concen: 4.503 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

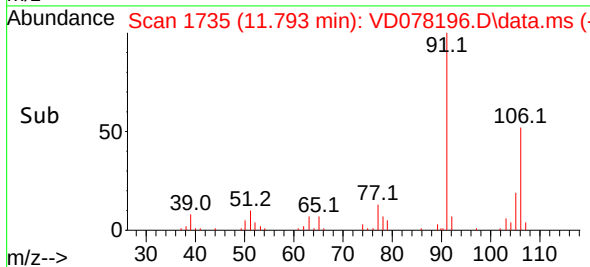
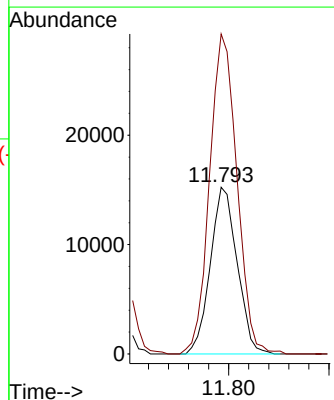
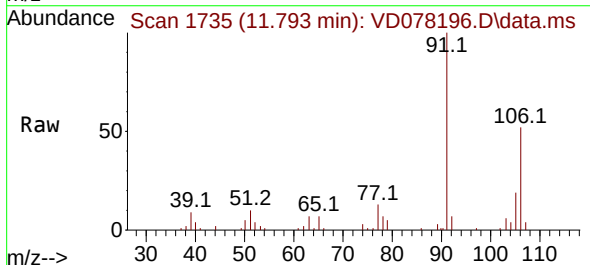
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

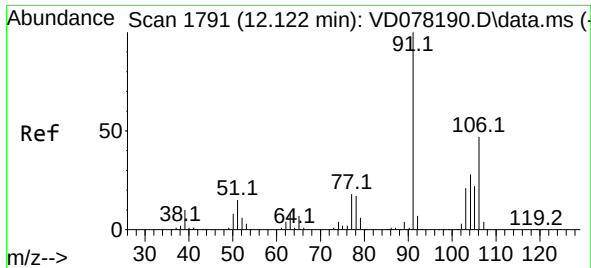
Tgt Ion: 91 Resp: 38304
Ion Ratio Lower Upper
91 100
106 27.4 26.5 39.7



#68
m/p-Xylenes
Concen: 8.771 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:106 Resp: 28288
Ion Ratio Lower Upper
106 100
91 195.6 147.0 220.6

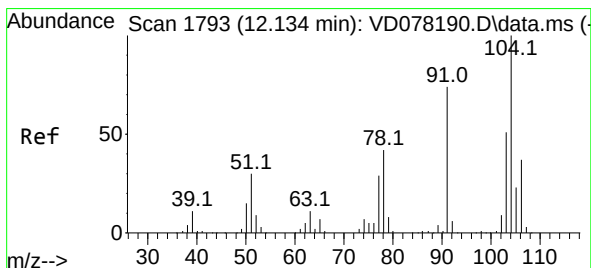
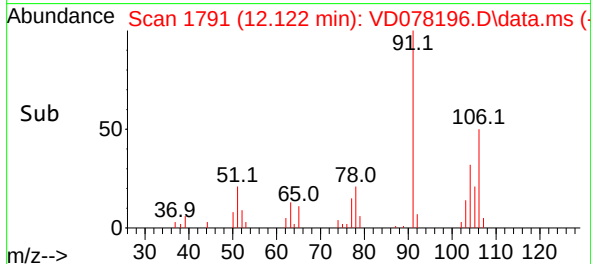
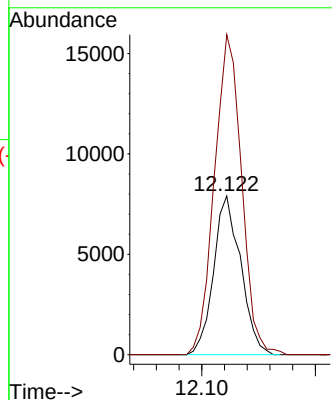
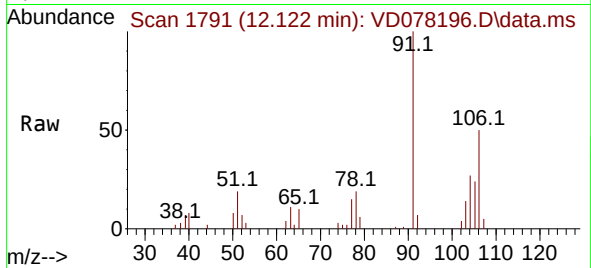




#69
o-Xylene
Concen: 4.422 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

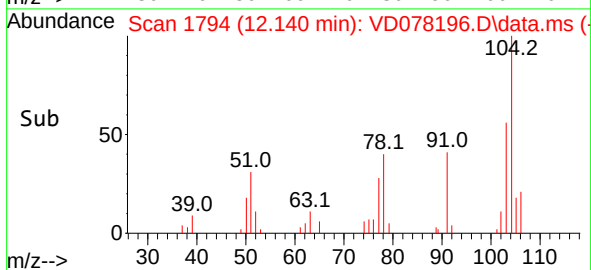
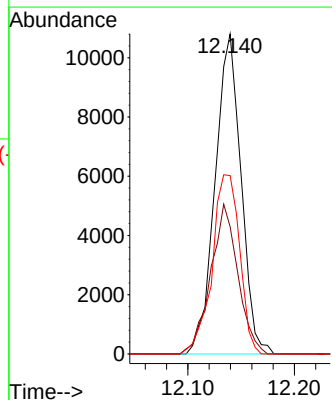
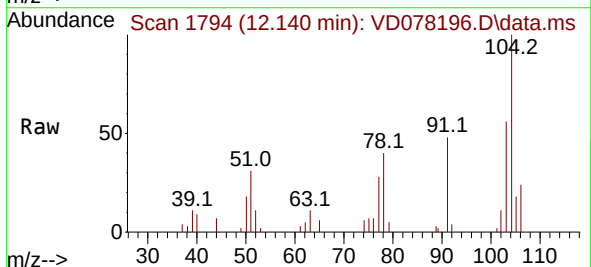
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

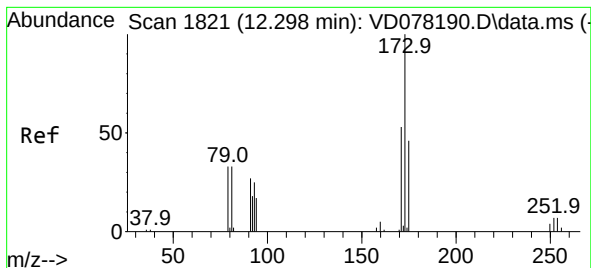
Tgt Ion:106 Resp: 13098
Ion Ratio Lower Upper
106 100
91 202.4 97.9 293.6



#70
Styrene
Concen: 4.150 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion:104 Resp: 18242
Ion Ratio Lower Upper
104 100
78 49.1 33.2 49.8
103 59.4 43.6 65.4





#71

Bromoform

Concen: 4.530 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

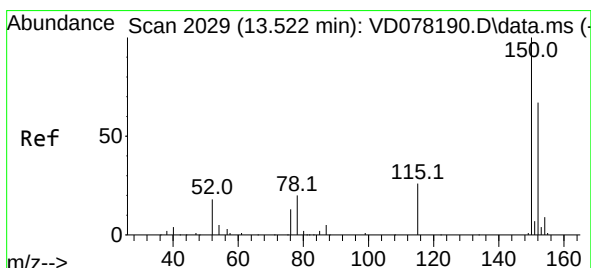
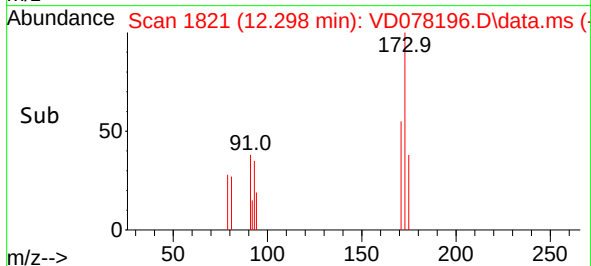
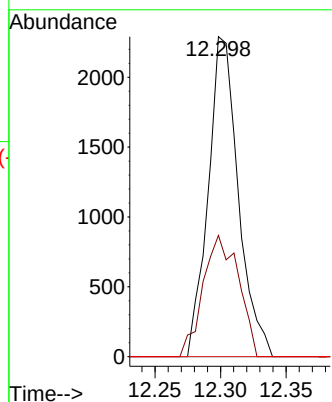
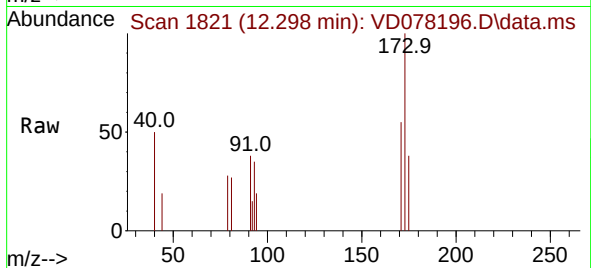
Tgt Ion:173 Resp: 3666

Ion Ratio Lower Upper

173 100

175 44.5 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

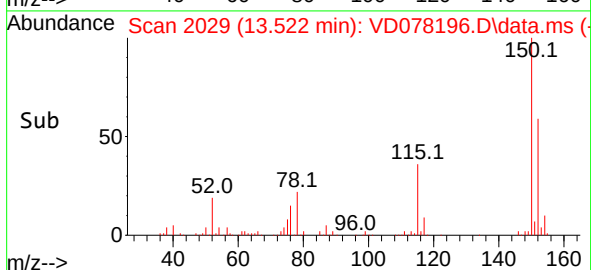
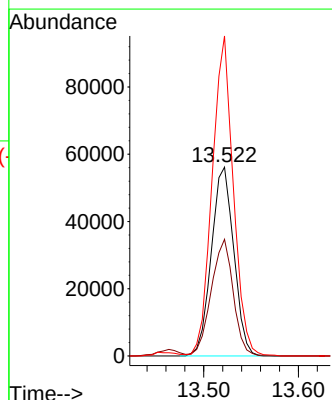
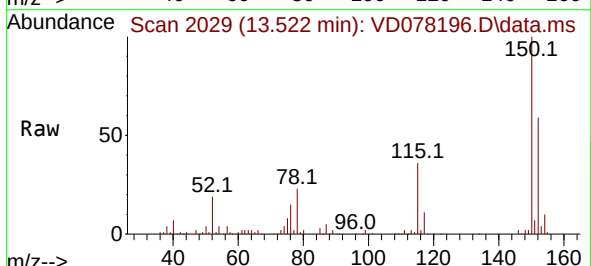
Tgt Ion:152 Resp: 92761

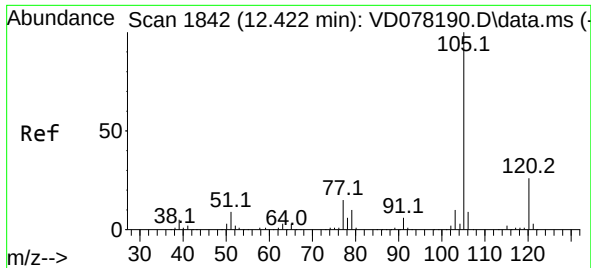
Ion Ratio Lower Upper

152 100

115 60.5 27.1 81.3

150 159.6 0.0 353.6

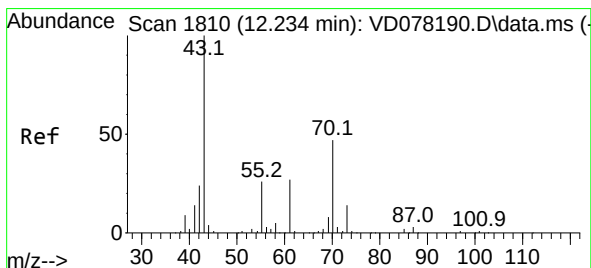
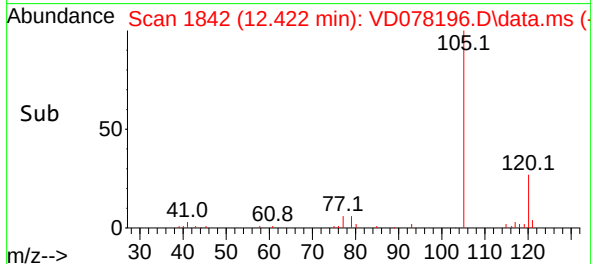
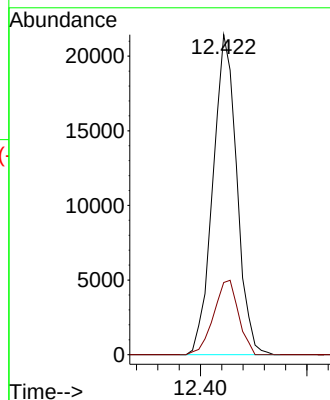
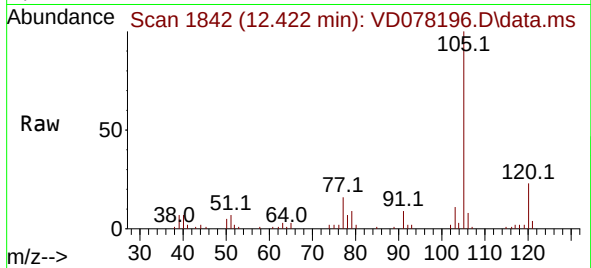




#73
Isopropylbenzene
Concen: 4.635 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

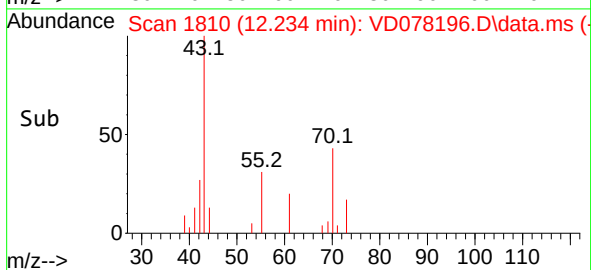
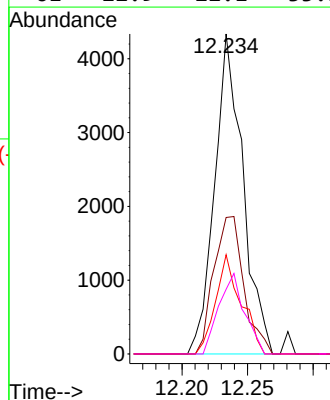
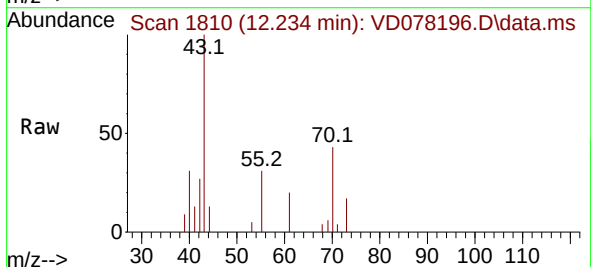
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

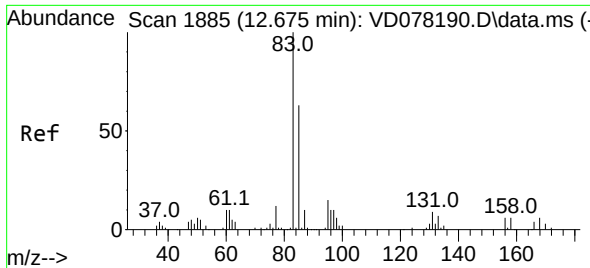
Tgt Ion:105 Resp: 33408
Ion Ratio Lower Upper
105 100
120 24.1 14.3 42.9



#74
N-ethyl acetate
Concen: 4.726 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 43 Resp: 6486
Ion Ratio Lower Upper
43 100
70 45.6 45.0 67.4
55 28.0 23.8 35.6
61 22.9 22.1 33.1

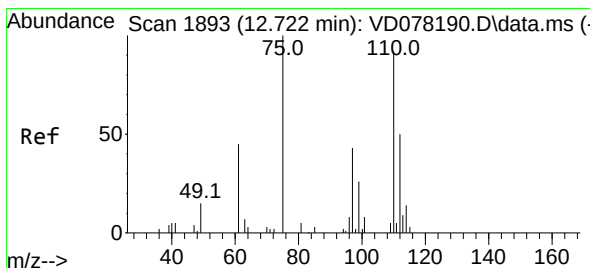
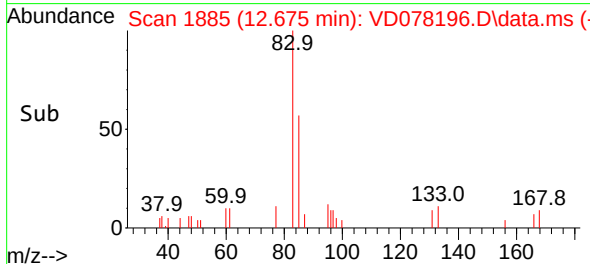
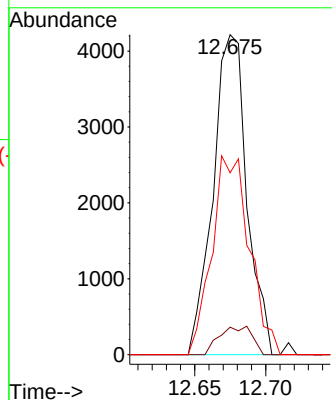
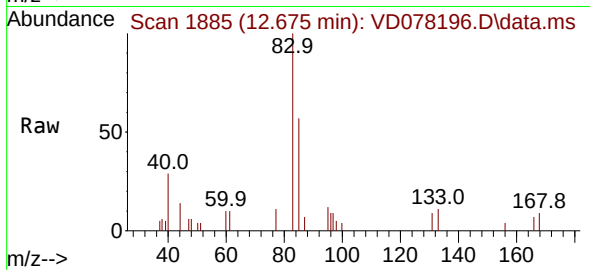




#75
1,1,2,2-Tetrachloroethane
Concen: 5.214 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

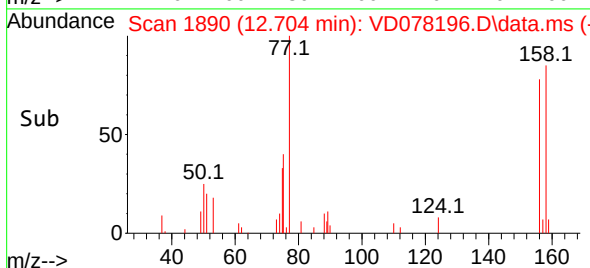
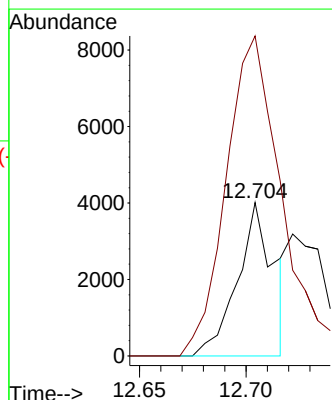
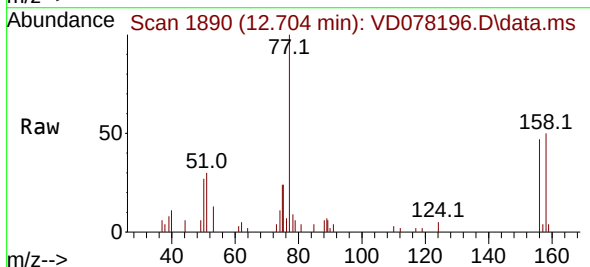
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

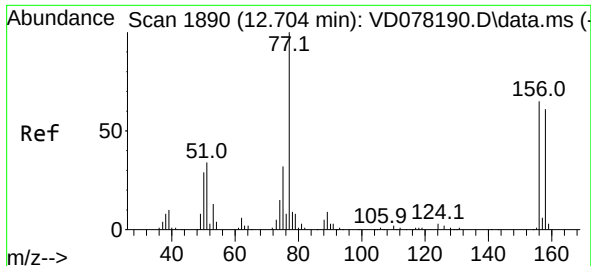
Tgt Ion: 83 Resp: 6992
Ion Ratio Lower Upper
83 100
131 8.5 5.1 15.3
85 68.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 5.531 ug/l
RT: 12.704 min Scan# 1890
Delta R.T. -0.018 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 75 Resp: 4770
Ion Ratio Lower Upper
75 100
77 320.1 0.0 0.0#

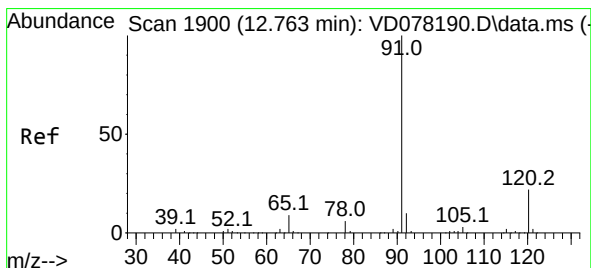
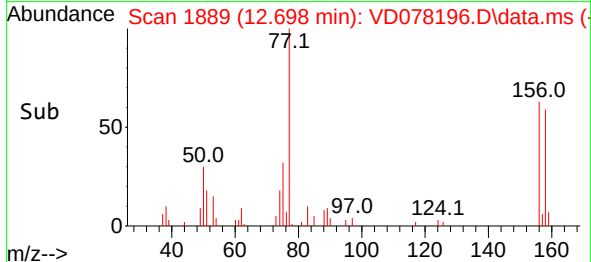
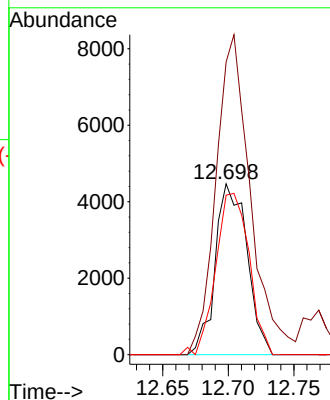
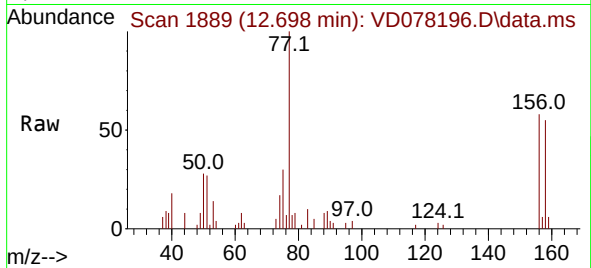




#77
Bromobenzene
Concen: 4.760 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

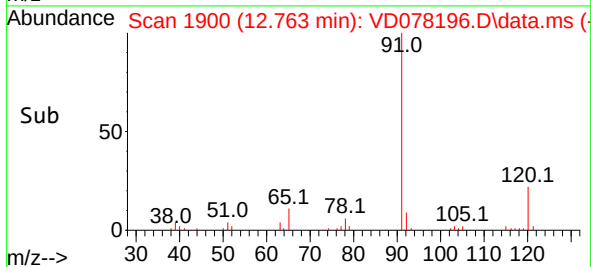
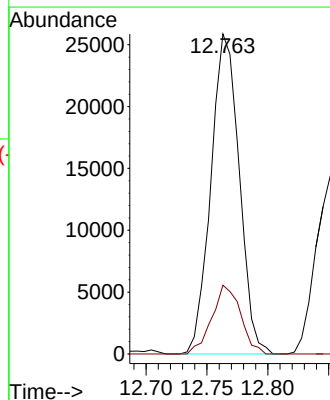
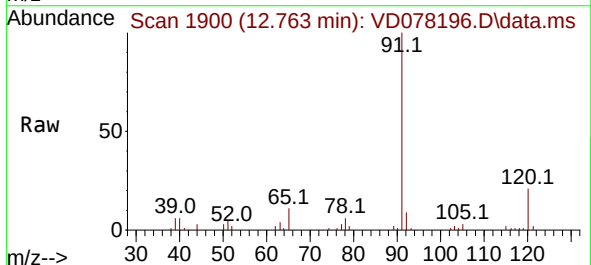
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

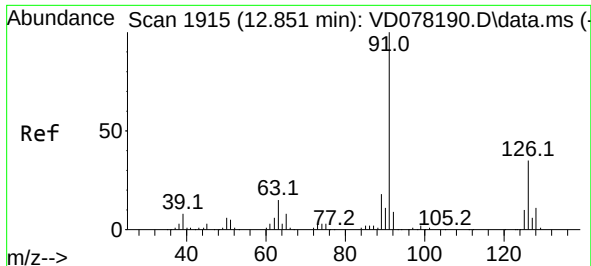
Tgt Ion:156 Resp: 7530
Ion Ratio Lower Upper
156 100
77 202.8 76.8 230.4
158 99.1 48.6 145.9



#78
n-propylbenzene
Concen: 4.686 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 91 Resp: 41949
Ion Ratio Lower Upper
91 100
120 21.7 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.862 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

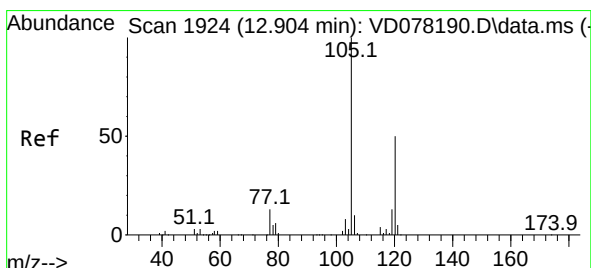
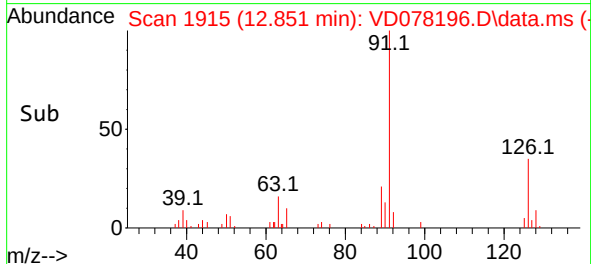
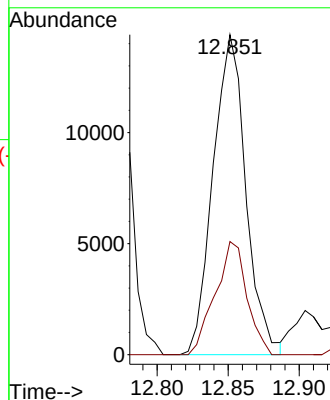
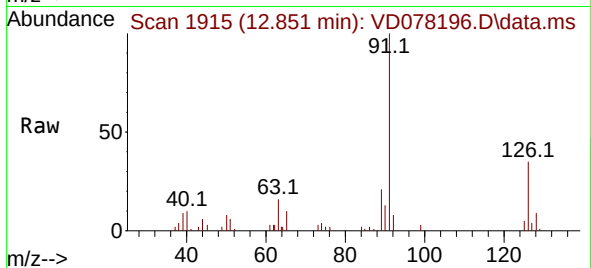
VSTDIC005

Tgt Ion: 91 Resp: 23165

Ion Ratio Lower Upper

91 100

126 34.1 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 4.495 ug/l

RT: 12.910 min Scan# 1925

Delta R.T. 0.006 min

Lab File: VD078196.D

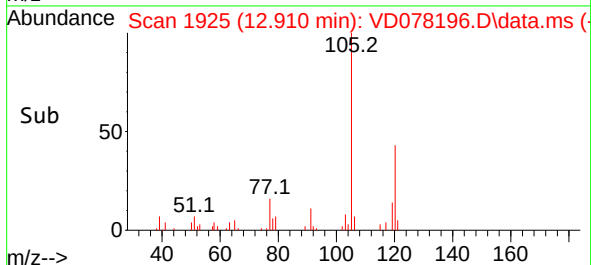
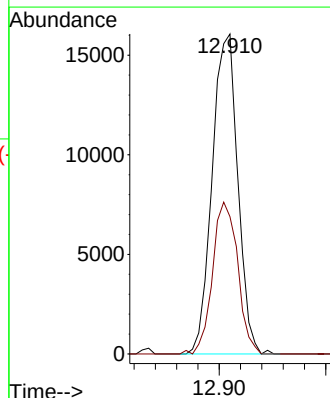
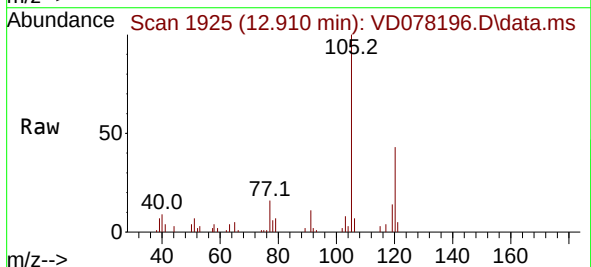
Acq: 22 Jan 2024 16:47

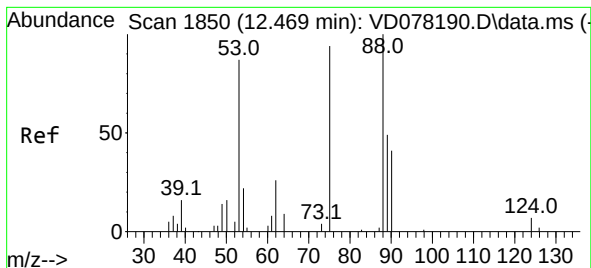
Tgt Ion:105 Resp: 26796

Ion Ratio Lower Upper

105 100

120 46.6 26.4 79.2

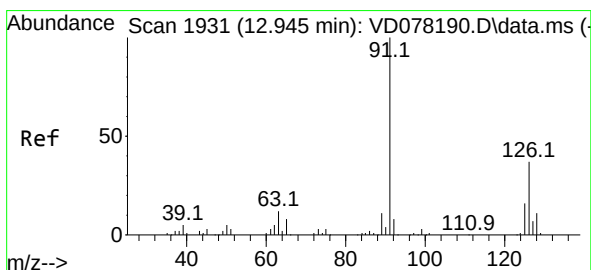
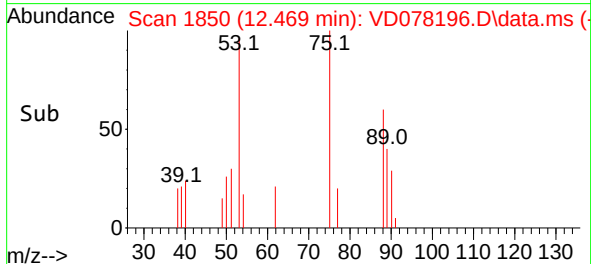
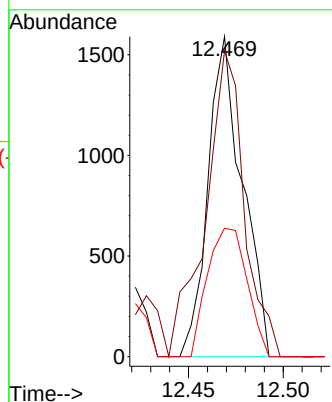
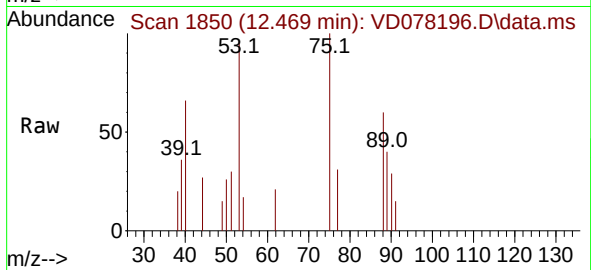




#81
trans-1,4-Dichloro-2-butene
Concen: 4.882 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

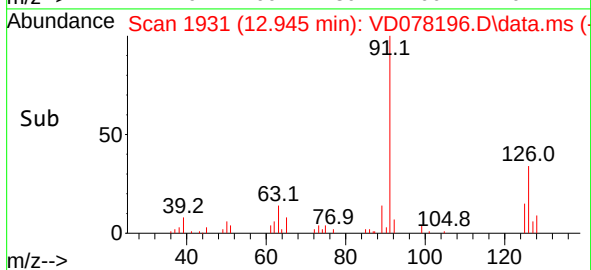
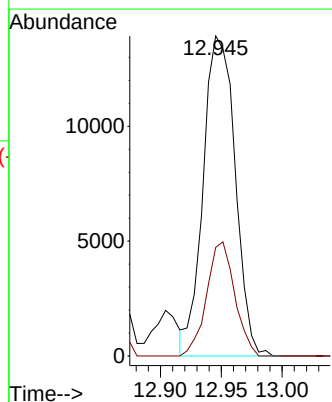
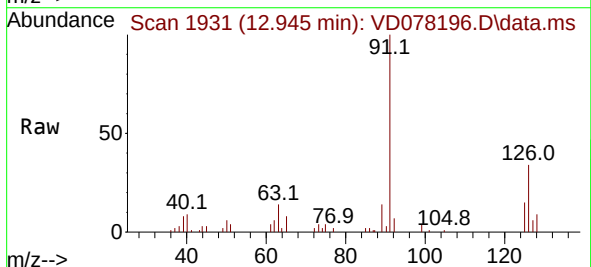
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

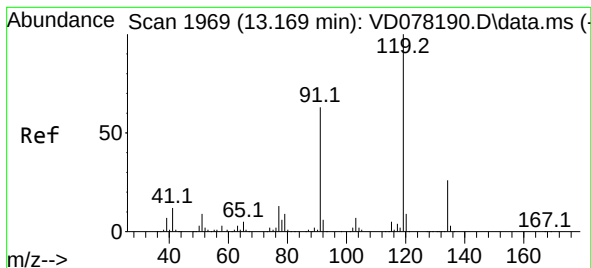
Tgt Ion: 75 Resp: 2004
Ion Ratio Lower Upper
75 100
53 107.6 63.0 94.4#
89 46.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.041 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 91 Resp: 25442
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.471 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

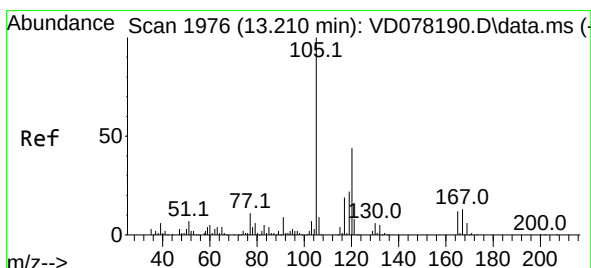
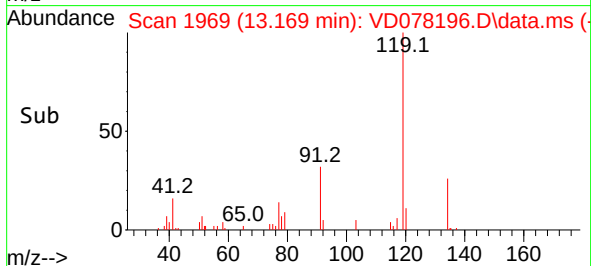
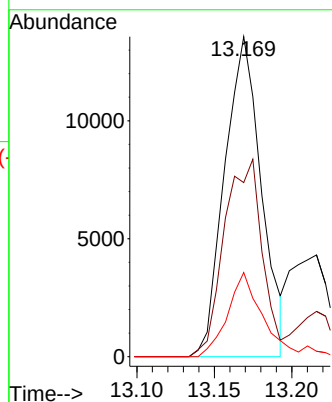
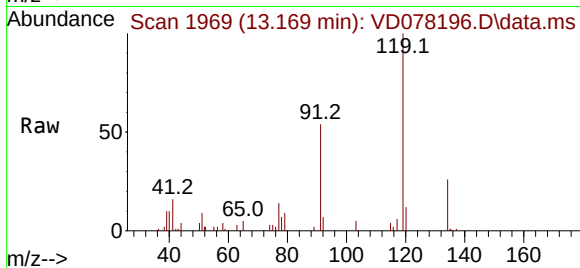
Tgt Ion:119 Resp: 22357

Ion Ratio Lower Upper

119 100

91 65.1 29.3 87.8

134 24.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.338 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078196.D

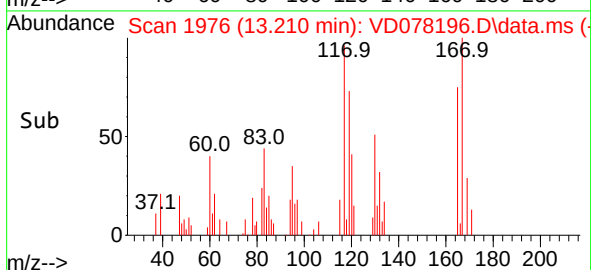
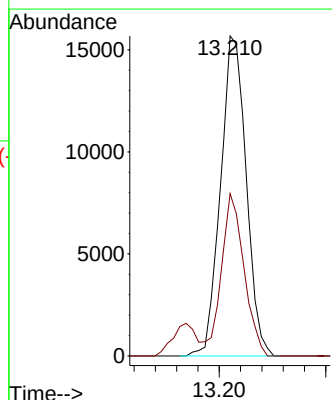
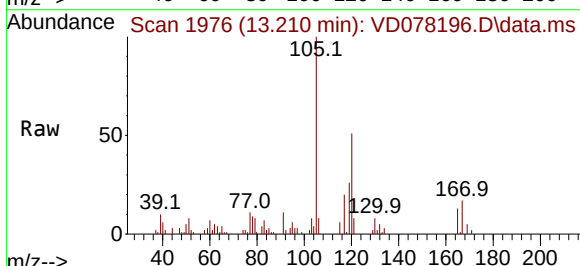
Acq: 22 Jan 2024 16:47

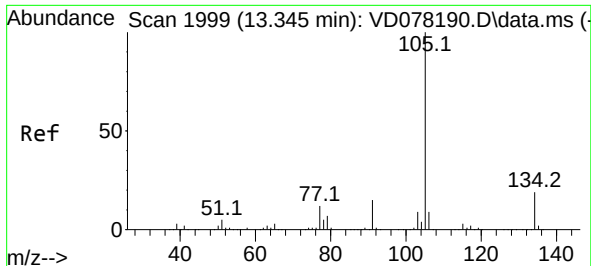
Tgt Ion:105 Resp: 26182

Ion Ratio Lower Upper

105 100

120 45.3 24.3 72.9

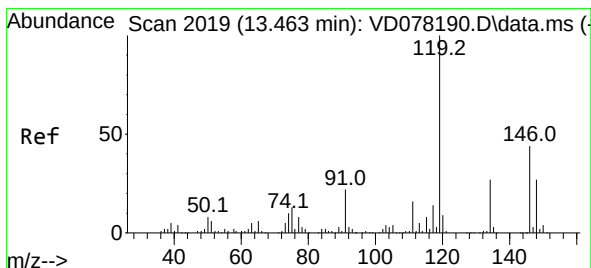
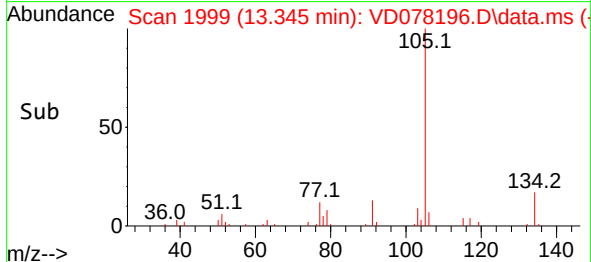
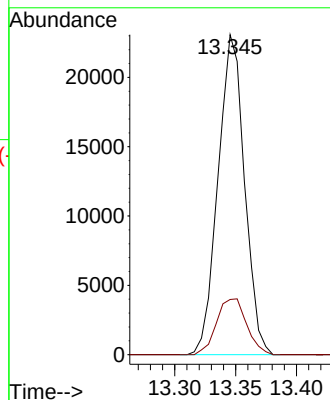
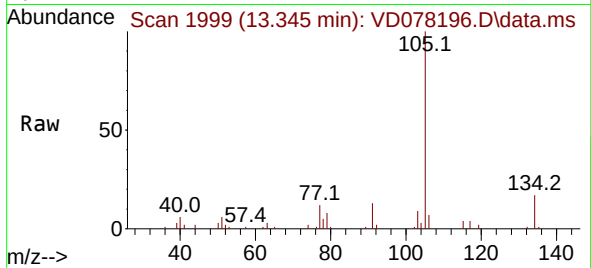




#85
 sec-Butylbenzene
 Concen: 4.639 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

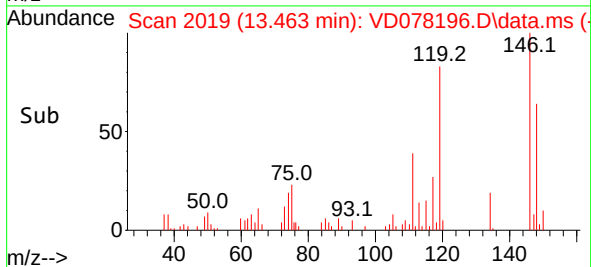
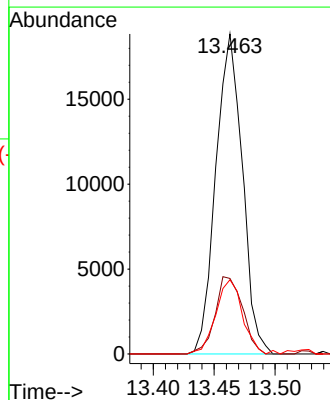
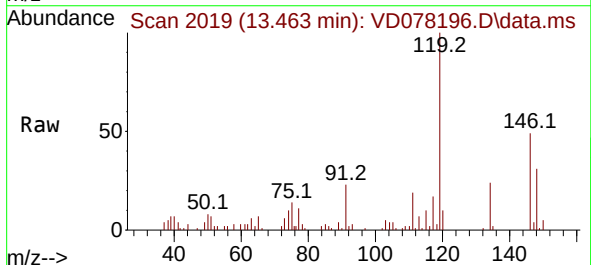
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

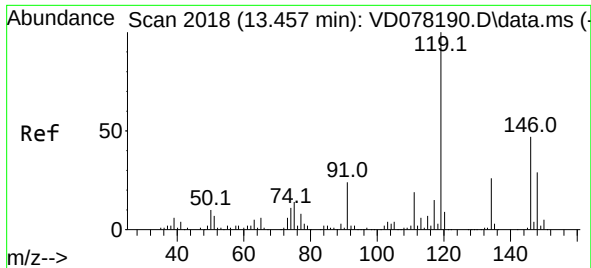
Tgt Ion:105 Resp: 34968
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 4.345 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion:119 Resp: 28568
 Ion Ratio Lower Upper
 119 100
 134 24.9 14.2 42.6
 91 23.5 10.5 31.5

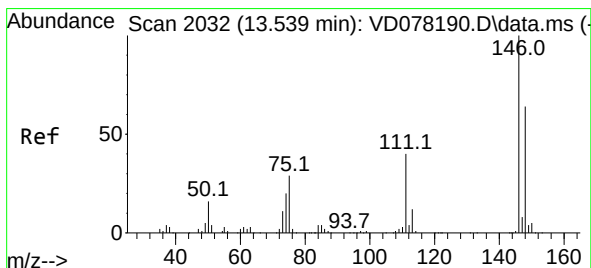
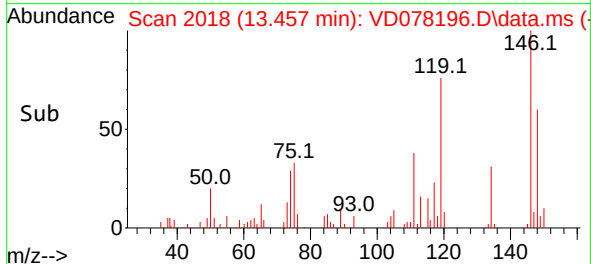
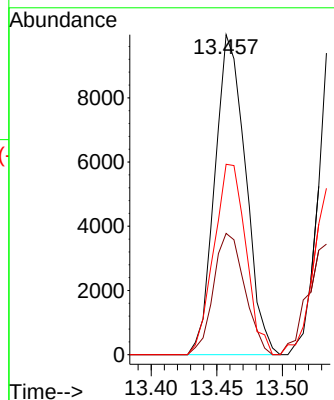
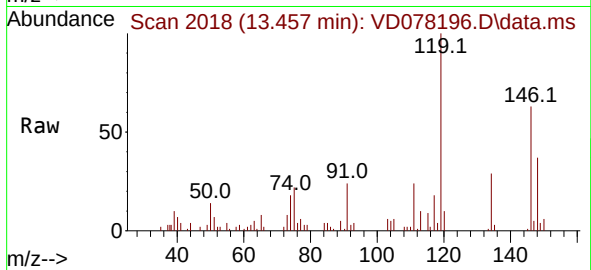




#87
 1,3-Dichlorobenzene
 Concen: 4.923 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

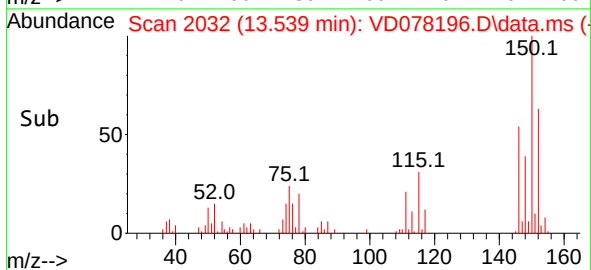
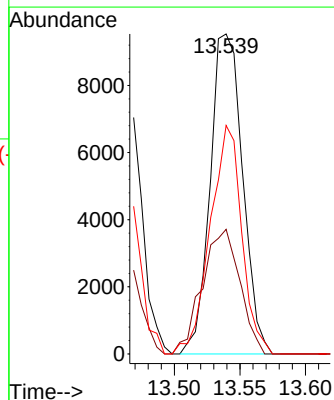
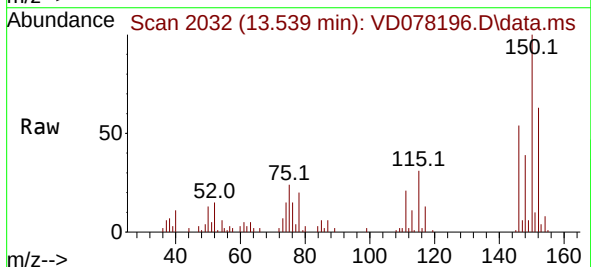
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

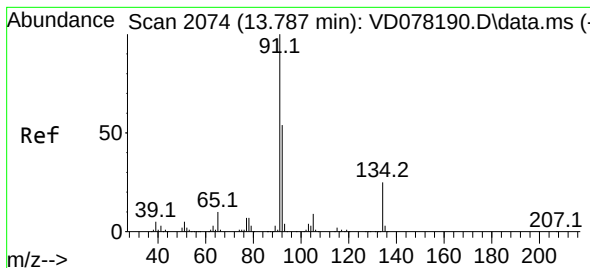
Tgt Ion:146 Resp: 16238
 Ion Ratio Lower Upper
 146 100
 111 38.6 17.9 53.8
 148 62.0 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 5.065 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion:146 Resp: 16430
 Ion Ratio Lower Upper
 146 100
 111 45.2 17.4 52.3
 148 69.4 31.7 95.1





#89

n-Butylbenzene

Concen: 4.675 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

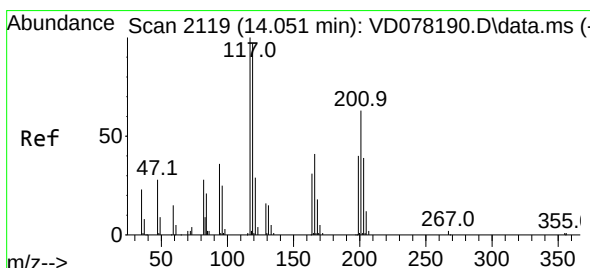
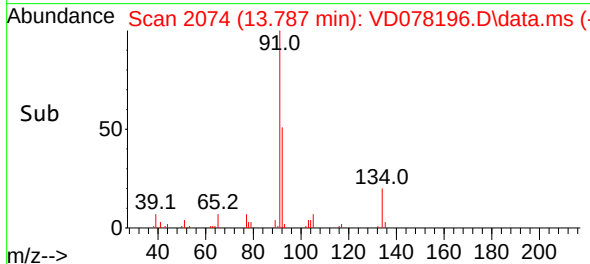
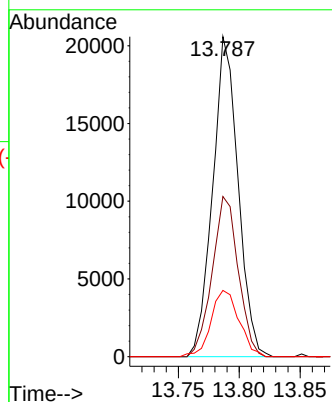
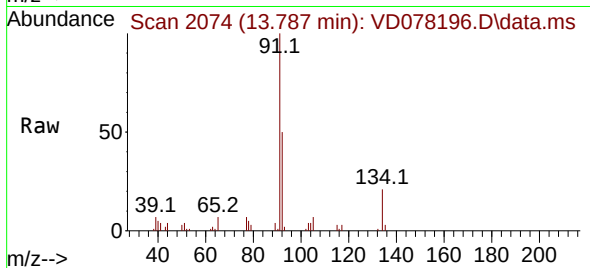
Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:	91	Resp:	29856
Ion	Ratio	Lower	Upper
91	100		
92	51.3	26.5	79.5
134	22.9	13.8	41.3



#90

Hexachloroethane

Concen: 4.865 ug/l

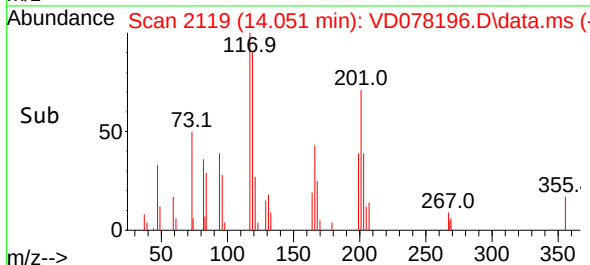
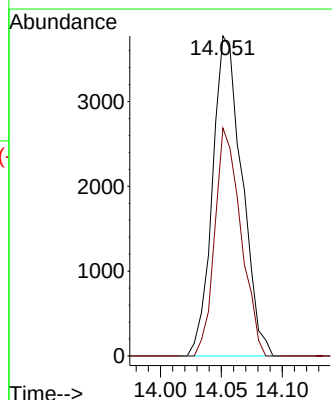
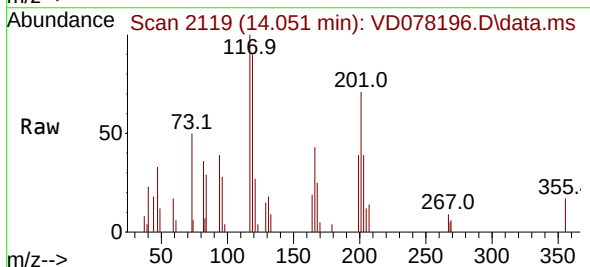
RT: 14.051 min Scan# 2119

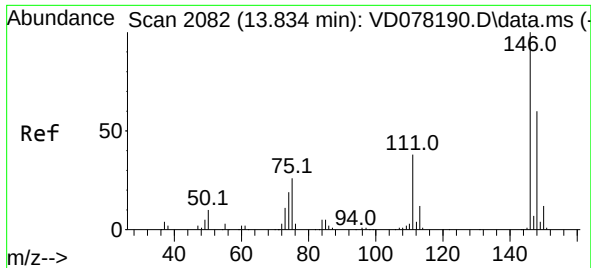
Delta R.T. 0.000 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Tgt Ion:	117	Resp:	6347
Ion	Ratio	Lower	Upper
117	100		
201	63.2	38.5	115.5

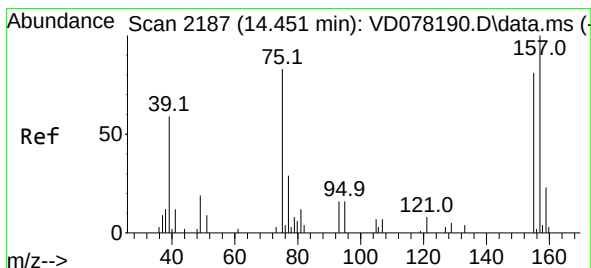
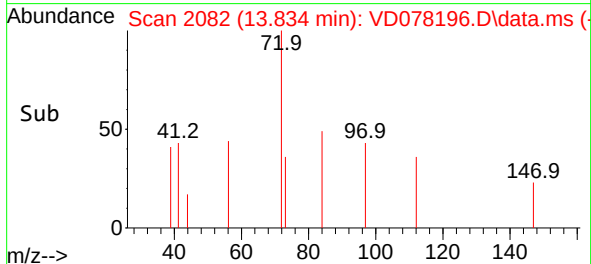
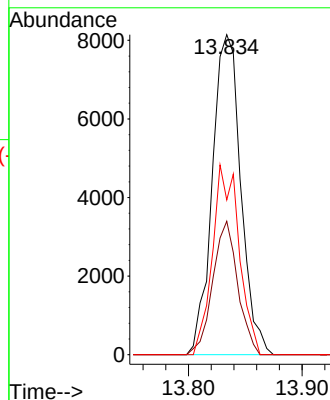
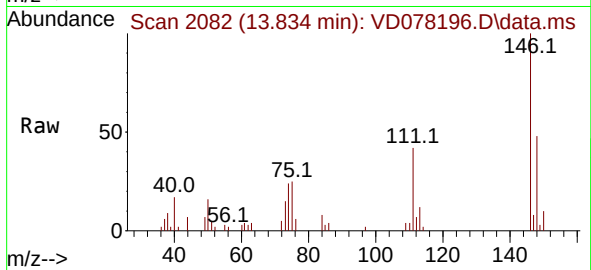




#91
1,2-Dichlorobenzene
Concen: 5.072 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

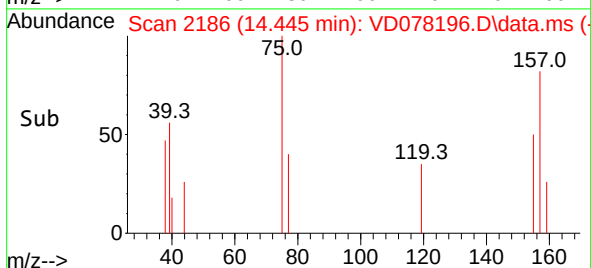
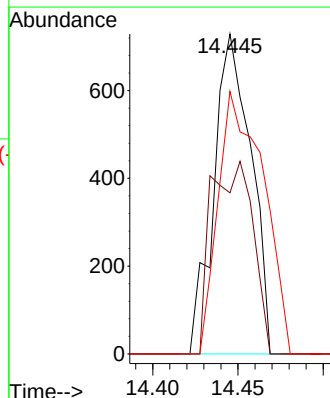
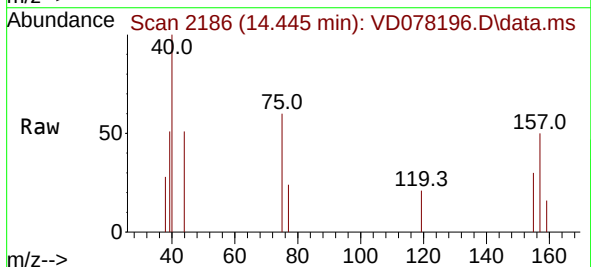
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

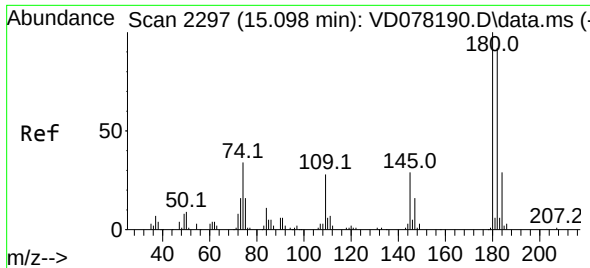
Tgt Ion:146 Resp: 14228
Ion Ratio Lower Upper
146 100
111 36.5 18.3 54.8
148 55.1 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.706 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD078196.D
Acq: 22 Jan 2024 16:47

Tgt Ion: 75 Resp: 1106
Ion Ratio Lower Upper
75 100
155 67.5 47.9 143.8
157 99.6 59.9 179.7

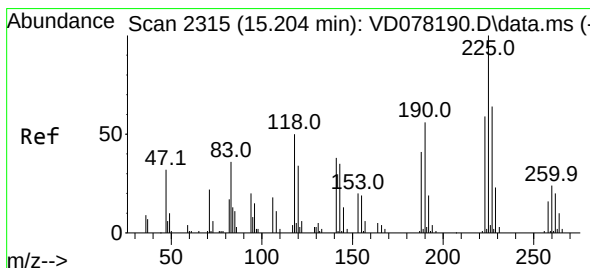
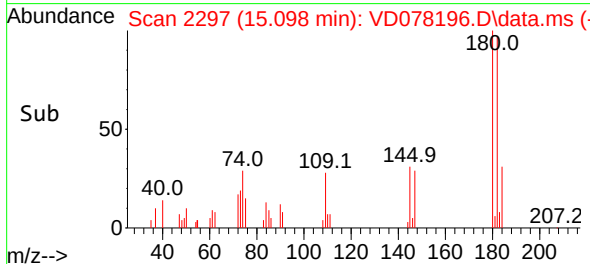
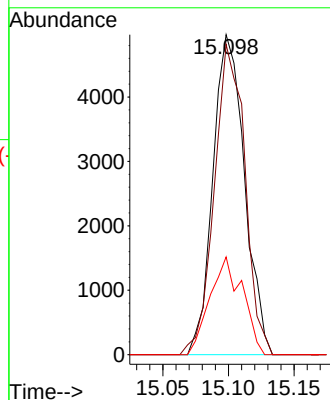
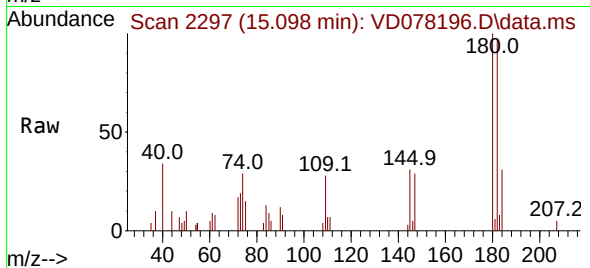




#93
 1,2,4-Trichlorobenzene
 Concen: 4.899 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

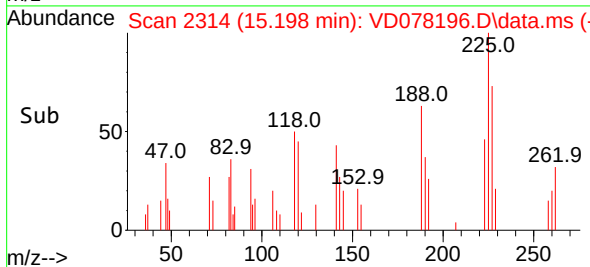
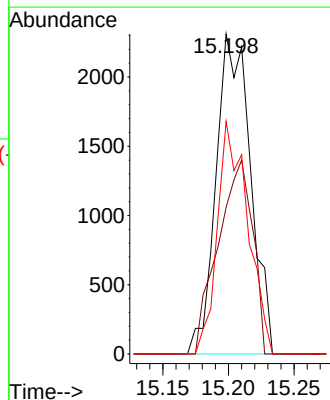
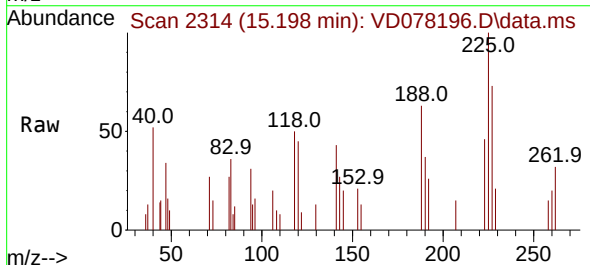
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

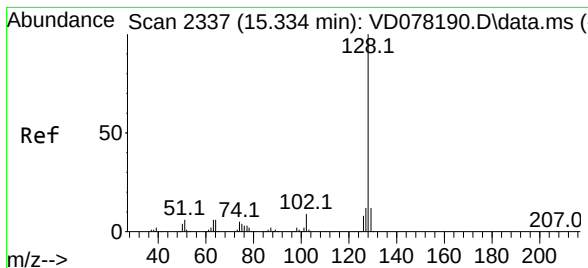
Tgt Ion:180 Resp: 8322
 Ion Ratio Lower Upper
 180 100
 182 93.8 48.5 145.6
 145 31.6 14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 5.013 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD078196.D
 Acq: 22 Jan 2024 16:47

Tgt Ion:225 Resp: 4218
 Ion Ratio Lower Upper
 225 100
 223 61.0 31.6 94.8
 227 63.9 31.7 95.1





#95

Naphthalene

Concen: 4.751 ug/l

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

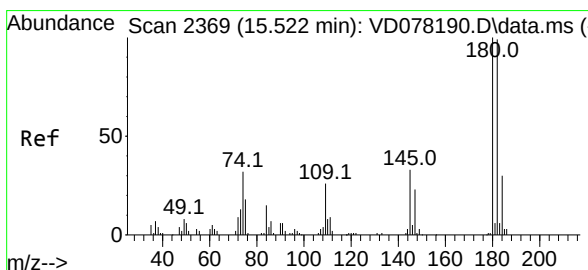
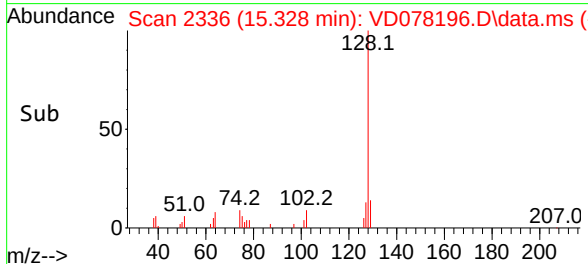
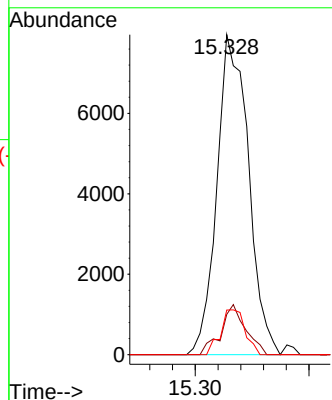
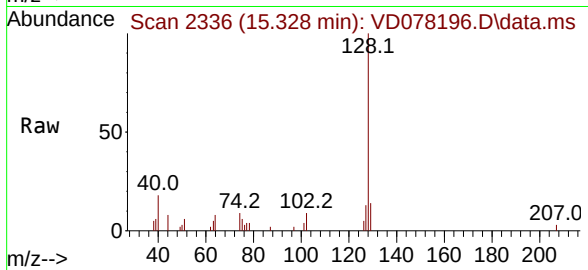
Tgt Ion:128 Resp: 15317

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 13.9 8.7 13.1#



#96

1,2,3-Trichlorobenzene

Concen: 5.283 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078196.D

Acq: 22 Jan 2024 16:47

Tgt Ion:180 Resp: 7687

Ion Ratio Lower Upper

180 100

182 97.5 47.3 141.9

145 35.0 15.1 45.3

