

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080220.D
 Acq On : 03 Feb 2025 10:54
 Operator : RP/MD
 Sample : VSTDIC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:30:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	134384	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	223619	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210746	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	115886	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	16035	9.173	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	18.340%#
35) Dibromofluoromethane	7.810	113	15350	9.685	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	19.380%#
50) Toluene-d8	10.269	98	56251	9.571	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	19.140%#
62) 4-Bromofluorobenzene	12.575	95	18038	9.565	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	19.140%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	19288	11.644	ug/l	94
3) Chloromethane	2.152	50	30702	10.968	ug/l	100
4) Vinyl Chloride	2.287	62	36998	10.925	ug/l	99
5) Bromomethane	2.693	94	30663	8.959	ug/l	96
6) Chloroethane	2.834	64	24419	10.826	ug/l	96
7) Trichlorofluoromethane	3.175	101	30229	10.771	ug/l	94
8) Diethyl Ether	3.599	74	7187	9.361	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	17682	10.884	ug/l	98
10) Methyl Iodide	4.169	142	6633	8.998	ug/l	98
11) Tert butyl alcohol	5.081	59	4936	51.118	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	15137	9.836	ug/l	88
13) Acrolein	3.805	56	8722	47.905	ug/l	95
14) Allyl chloride	4.563	41	23641	9.969	ug/l	97
15) Acrylonitrile	5.263	53	17137	46.458	ug/l	97
16) Acetone	4.022	43	14697	52.168	ug/l #	78
17) Carbon Disulfide	4.275	76	59312	10.686	ug/l	100
18) Methyl Acetate	4.575	43	9856	10.368	ug/l	97
19) Methyl tert-butyl Ether	5.328	73	29449	8.692	ug/l	96
20) Methylene Chloride	4.811	84	20300	10.618	ug/l	94
21) trans-1,2-Dichloroethene	5.316	96	17049	9.752	ug/l	98
22) Diisopropyl ether	6.222	45	45553	9.230	ug/l	97
23) Vinyl Acetate	6.163	43	124384	43.652	ug/l	96
24) 1,1-Dichloroethane	6.116	63	32964	10.189	ug/l	97
25) 2-Butanone	7.087	43	19186	43.906	ug/l	92
26) 2,2-Dichloropropane	7.075	77	28226	10.058	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	18783	9.510	ug/l	99
28) Bromochloromethane	7.434	49	14528	9.840	ug/l #	100
29) Tetrahydrofuran	7.452	42	12623	44.104	ug/l	99
30) Chloroform	7.599	83	34170	10.330	ug/l	95
31) Cyclohexane	7.881	56	26473	10.221	ug/l #	86
32) 1,1,1-Trichloroethane	7.793	97	28807	10.409	ug/l	99
36) 1,1-Dichloropropene	8.010	75	22925	10.099	ug/l	98
37) Ethyl Acetate	7.169	43	10821	9.721	ug/l #	97
38) Carbon Tetrachloride	7.999	117	24981	10.536	ug/l	93
39) Methylcyclohexane	9.275	83	23716	9.617	ug/l	94
40) Benzene	8.252	78	68769	9.665	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	4719	7.691	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	21053	10.398	ug/l	100
43) Isopropyl Acetate	8.363	43	18279	9.253	ug/l #	85
44) Trichloroethene	9.028	130	16670	10.142	ug/l	92
45) 1,2-Dichloropropane	9.310	63	18112	10.120	ug/l	98
46) Dibromomethane	9.399	93	10401	10.431	ug/l	97
47) Bromodichloromethane	9.581	83	26307	10.462	ug/l #	87
48) Methyl methacrylate	9.381	41	7457	8.157	ug/l	98
49) 1,4-Dioxane	9.393	88	2433	224.302	ug/l #	84
51) 4-Methyl-2-Pentanone	10.157	43	46283	46.333	ug/l	96
52) Toluene	10.334	92	41315	9.927	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	21031	9.811	ug/l #	89
54) cis-1,3-Dichloropropene	10.016	75	26053	9.992	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	13313	10.276	ug/l	94
56) Ethyl methacrylate	10.598	69	13412	9.073	ug/l	98
57) 1,3-Dichloropropane	10.881	76	20759	9.687	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	27857	44.151	ug/l	98
59) 2-Hexanone	10.922	43	29279	44.667	ug/l	95
60) Dibromochloromethane	11.069	129	16216	10.155	ug/l	93
61) 1,2-Dibromoethane	11.181	107	12090	10.246	ug/l	99
64) Tetrachloroethene	10.810	164	15097	10.255	ug/l	96
65) Chlorobenzene	11.610	112	48732	10.088	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	17065	10.098	ug/l	95
67) Ethyl Benzene	11.681	91	72692	9.046	ug/l	99
68) m/p-Xylenes	11.792	106	55402	17.759	ug/l	100
69) o-Xylene	12.122	106	26014	9.144	ug/l	99
70) Styrene	12.134	104	45028	8.892	ug/l	97
71) Bromoform	12.298	173	9315	9.350	ug/l #	97
73) Isopropylbenzene	12.422	105	66469	8.480	ug/l	100
74) N-amyl acetate	12.234	43	17530	8.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.669	83	15213	9.327	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	18853	16.084	ug/l #	100
77) Bromobenzene	12.698	156	18720	9.259	ug/l	93
78) n-propylbenzene	12.763	91	84826	8.500	ug/l	99
79) 2-Chlorotoluene	12.845	91	51327	9.053	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	57051	8.703	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	4935	8.609	ug/l	88
82) 4-Chlorotoluene	12.945	91	55636	9.234	ug/l	98
83) tert-Butylbenzene	13.163	119	44922	8.382	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	56511	8.469	ug/l	99
85) sec-Butylbenzene	13.345	105	74667	9.112	ug/l	99
86) p-Isopropyltoluene	13.457	119	61023	8.722	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	37674	9.460	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	40228	9.981	ug/l	98
89) n-Butylbenzene	13.787	91	58489	8.603	ug/l	98
90) Hexachloroethane	14.051	117	14795	9.514	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	34756	9.905	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	2468	9.510	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	19133	8.554	ug/l	99
94) Hexachlorobutadiene	15.198	225	10464	8.638	ug/l	97
95) Naphthalene	15.333	128	31944	9.107	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	17473	8.656	ug/l	99

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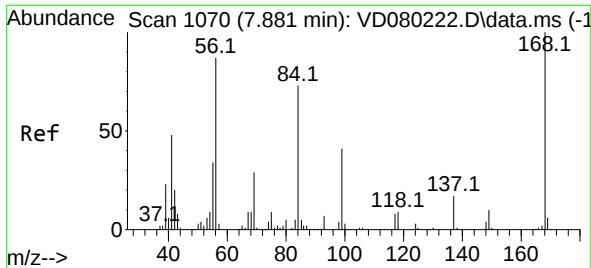
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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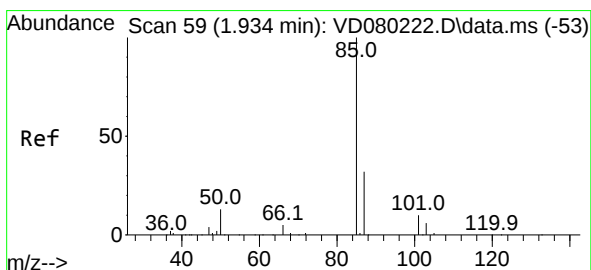
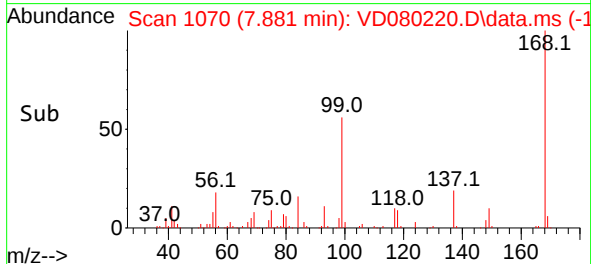
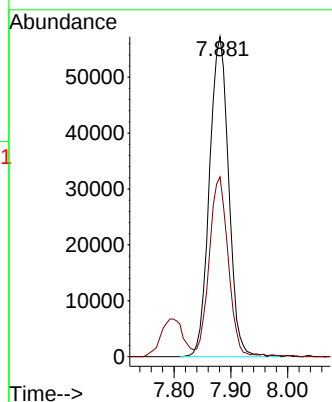
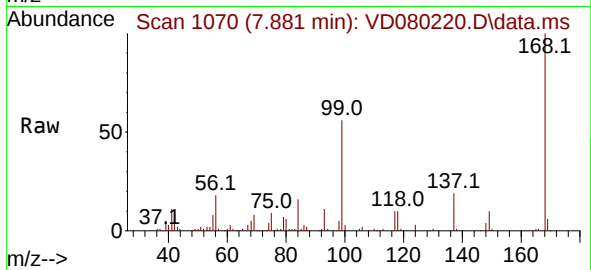




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

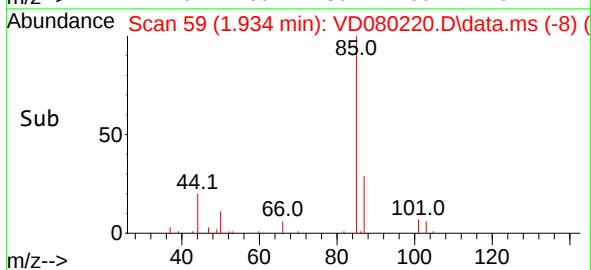
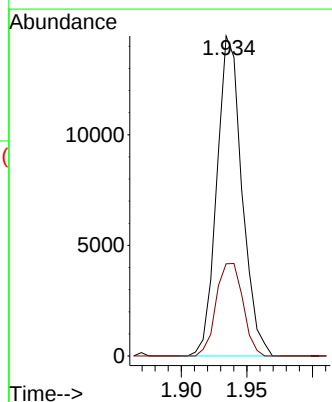
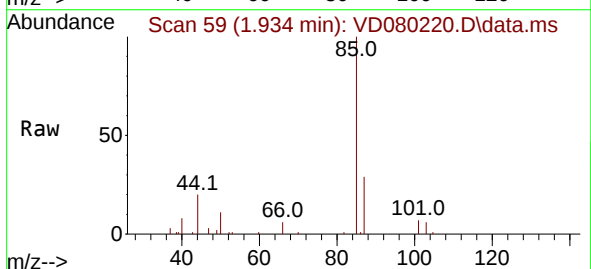
Instrument :
MSVOA_D
ClientSampleId :

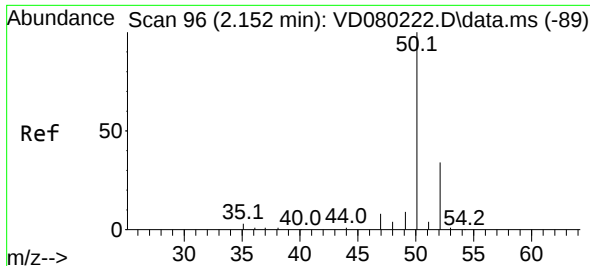
Tgt Ion:168 Resp: 134384
Ion Ratio Lower Upper
168 100
99 55.8 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 11.644 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

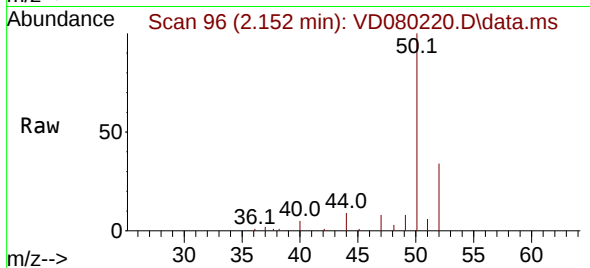
Tgt Ion: 85 Resp: 19288
Ion Ratio Lower Upper
85 100
87 28.8 16.0 47.9



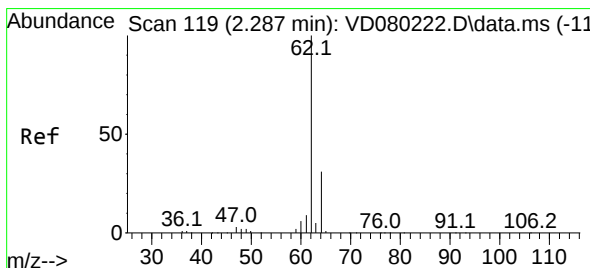
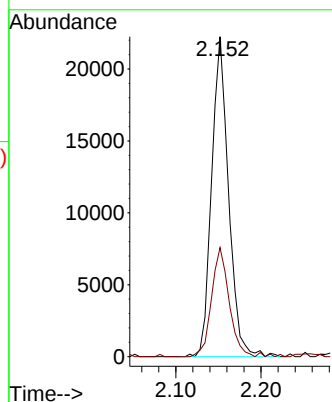
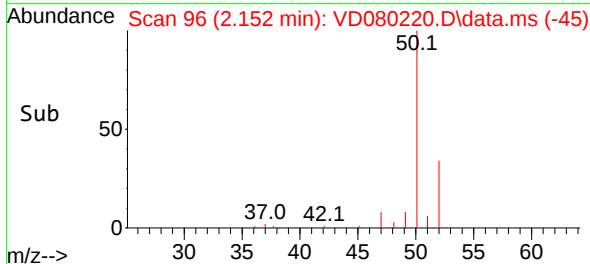


#3
Chloromethane
Concen: 10.968 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

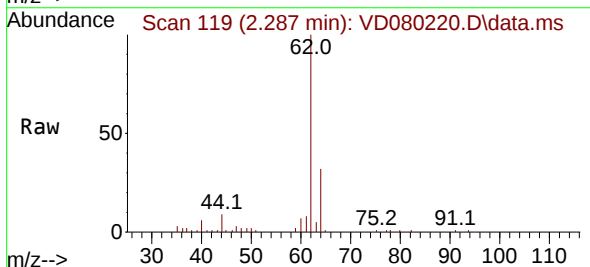
Instrument :
MSVOA_D
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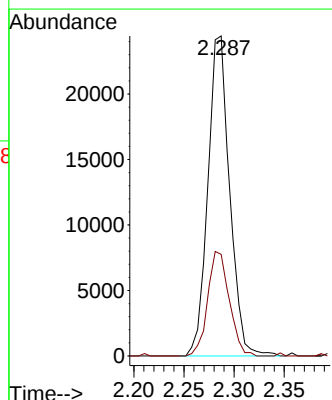
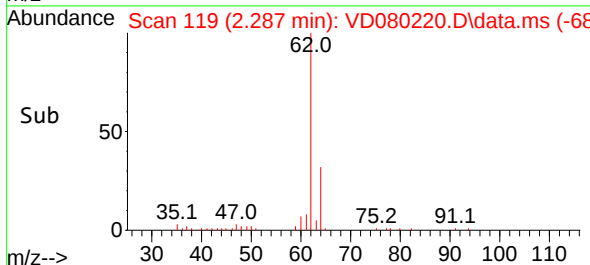
Tgt Ion: 50 Resp: 30702
Ion Ratio Lower Upper
50 100
52 34.1 27.2 40.8

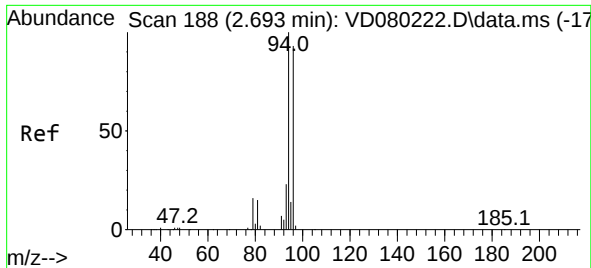


#4
Vinyl Chloride
Concen: 10.925 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54



Tgt Ion: 62 Resp: 36998
Ion Ratio Lower Upper
62 100
64 31.8 24.8 37.2

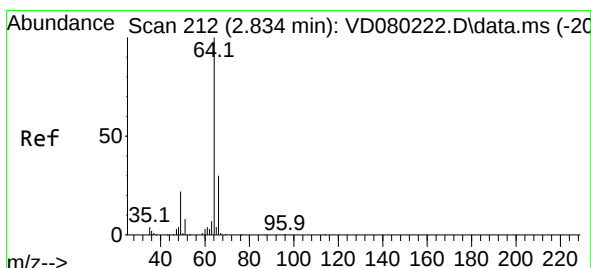
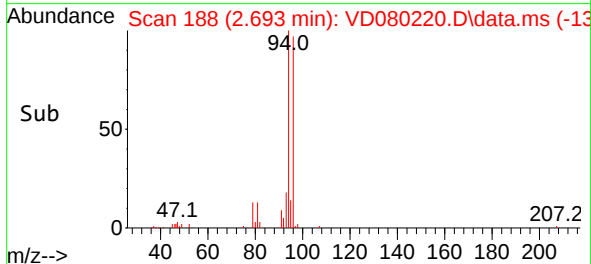
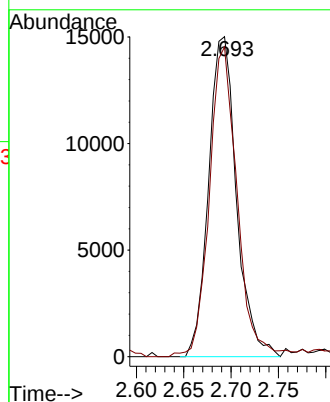
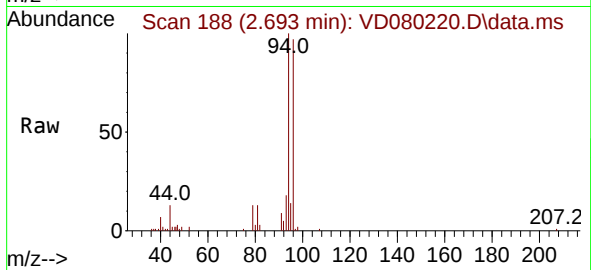




#5
Bromomethane
Concen: 8.959 ug/l
RT: 2.693 min Scan# 188
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

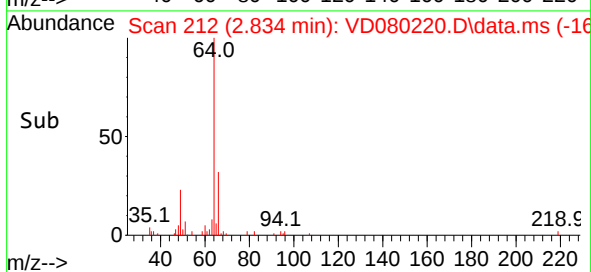
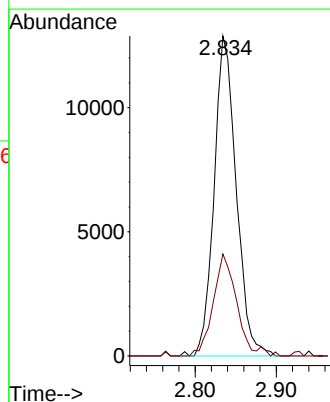
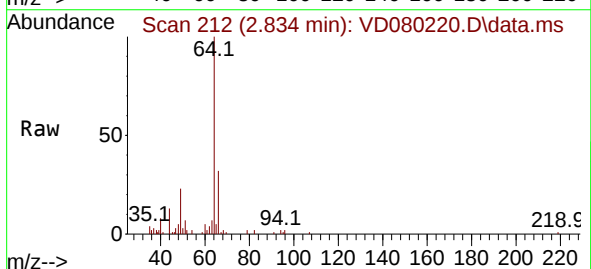
Instrument :
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ClientSampleId :

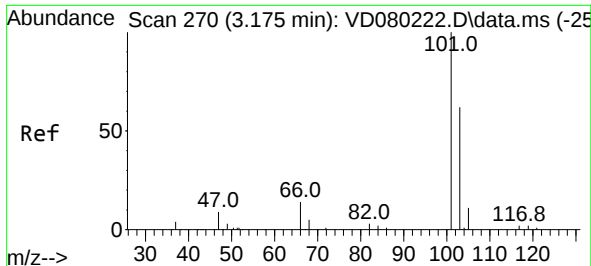
Tgt Ion: 94 Resp: 30663
Ion Ratio Lower Upper
94 100
96 96.7 74.4 111.6



#6
Chloroethane
Concen: 10.826 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

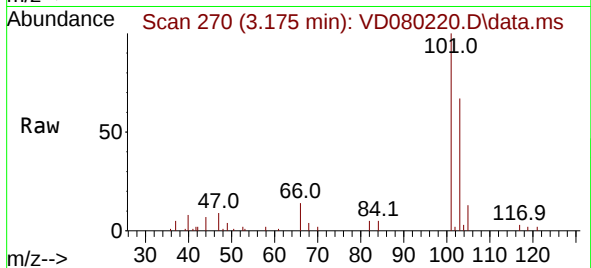
Tgt Ion: 64 Resp: 24419
Ion Ratio Lower Upper
64 100
66 31.8 23.8 35.8



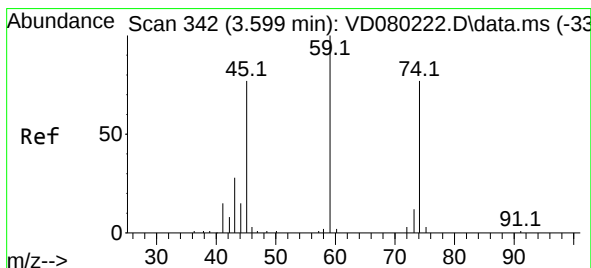
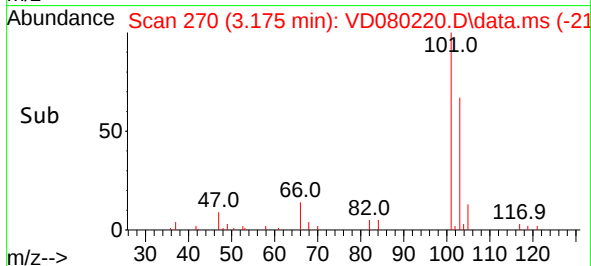
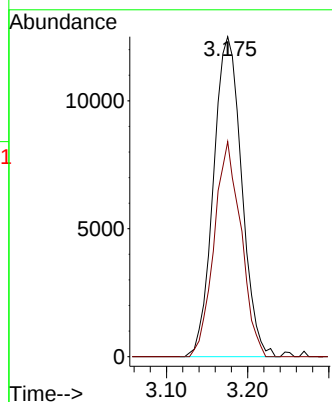


#7
 Trichlorofluoromethane
 Concen: 10.771 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Instrument :
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 ClientSampleId :

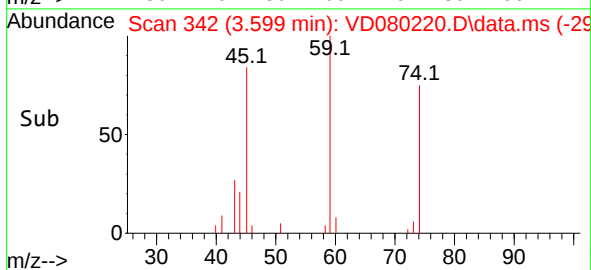
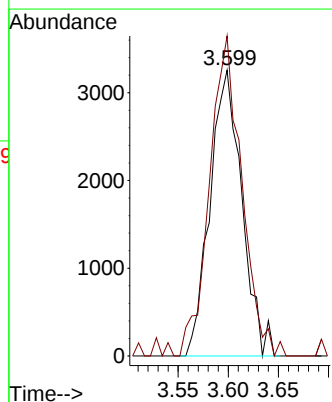
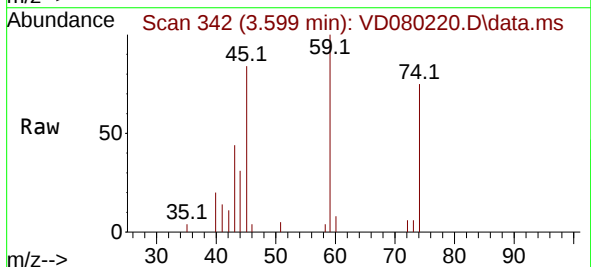


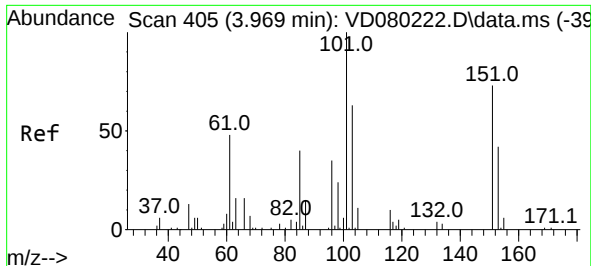
Tgt Ion:101 Resp: 30229
 Ion Ratio Lower Upper
 101 100
 103 67.2 49.9 74.9



#8
 Diethyl Ether
 Concen: 9.361 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Tgt Ion: 74 Resp: 7187
 Ion Ratio Lower Upper
 74 100
 45 113.6 51.0 153.1

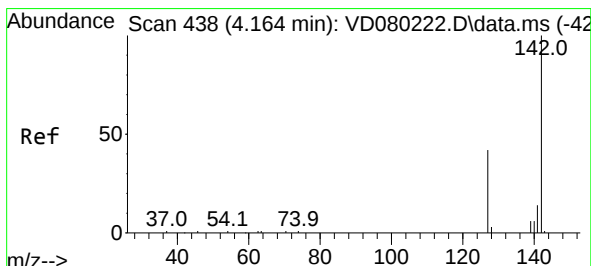
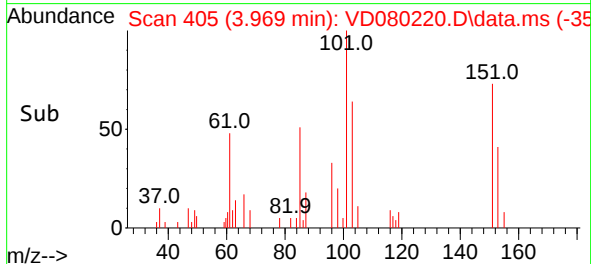
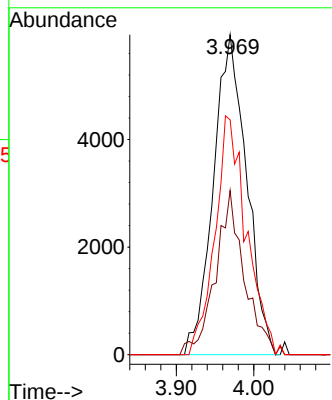
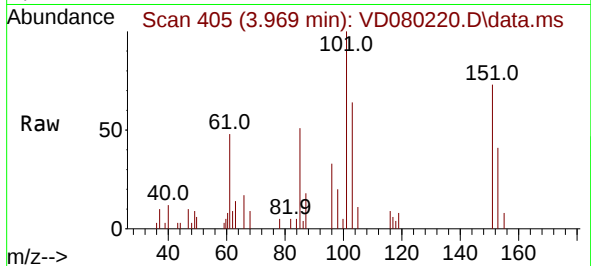




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.884 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD080220.D
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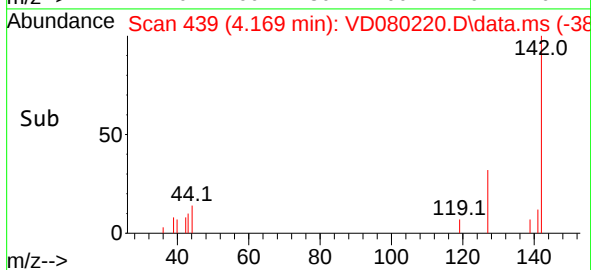
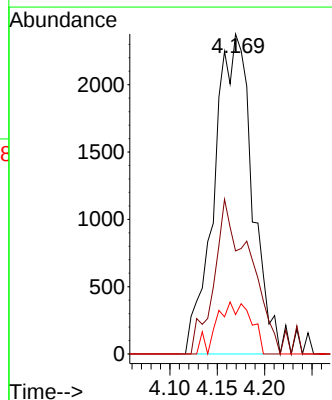
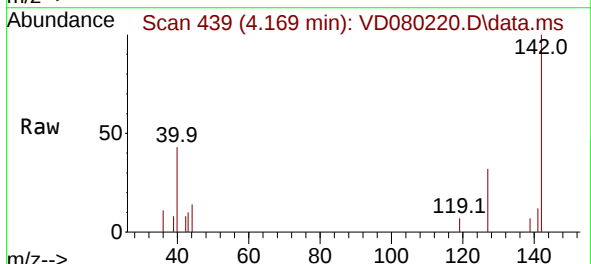
Instrument :
MSVOA_D
ClientSampleId :

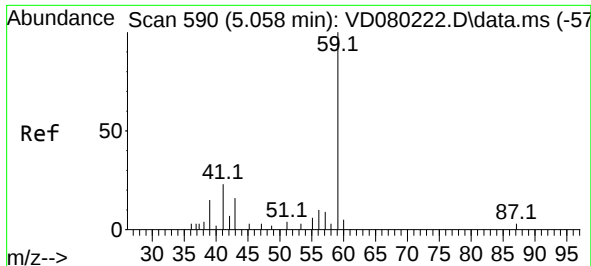
Tgt Ion:101 Resp: 17682
Ion Ratio Lower Upper
101 100
85 44.8 36.2 54.4
151 71.1 59.0 88.6



#10
Methyl Iodide
Concen: 8.998 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.005 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:142 Resp: 6633
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.2
141 14.7 12.6 18.8





#11

Tert butyl alcohol

Concen: 51.118 ug/l

RT: 5.081 min Scan# 59

Delta R.T. 0.023 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

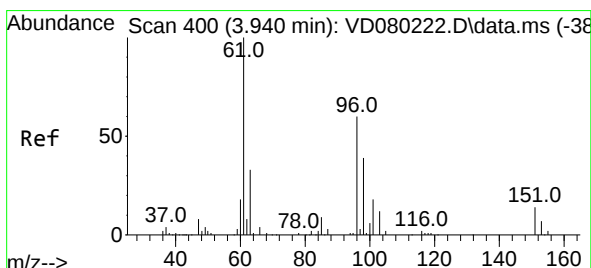
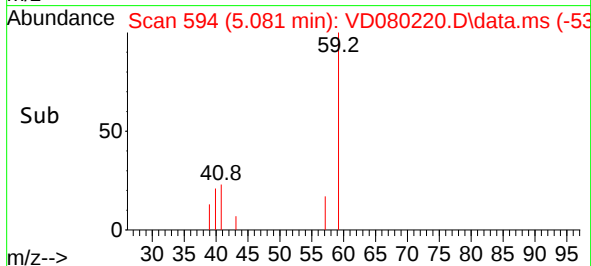
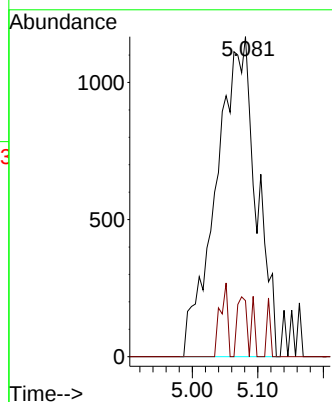
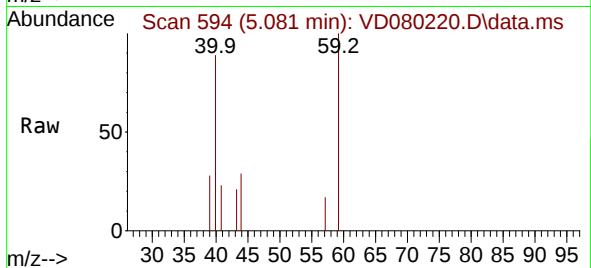
ClientSampleId :

Tgt Ion: 59 Resp: 4936

Ion Ratio Lower Upper

59 100

57 6.0 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 9.836 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

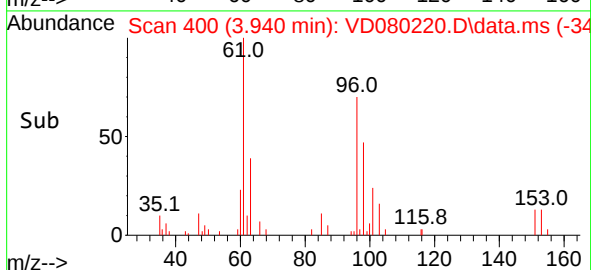
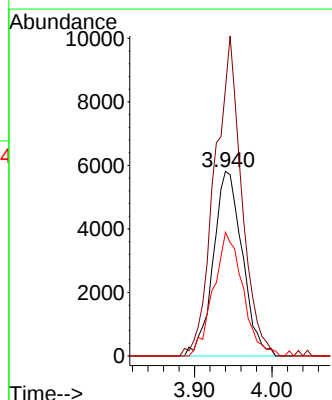
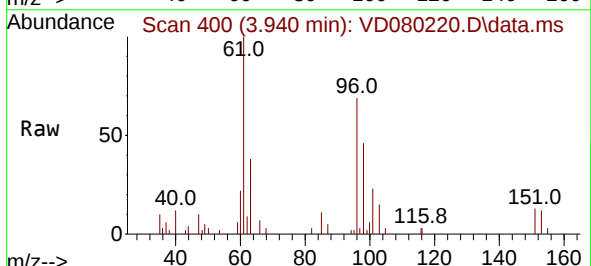
Tgt Ion: 96 Resp: 15137

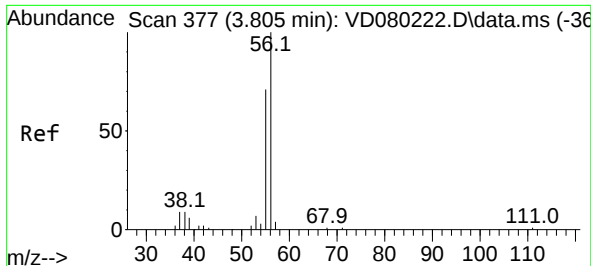
Ion Ratio Lower Upper

96 100

61 145.1 133.8 200.6

98 67.0 52.2 78.2

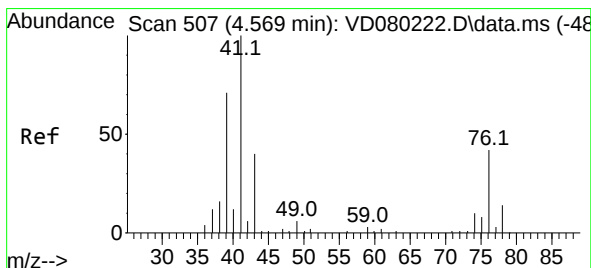
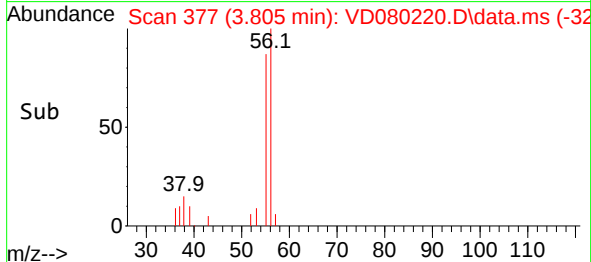
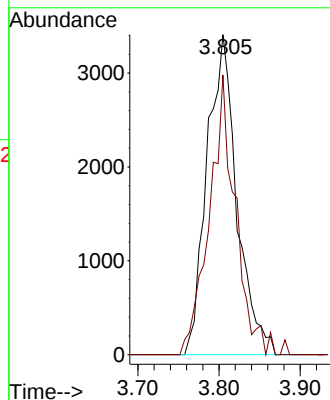
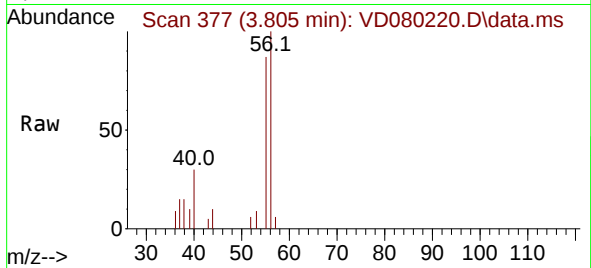




#13
Acrolein
Concen: 47.905 ug/l
RT: 3.805 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

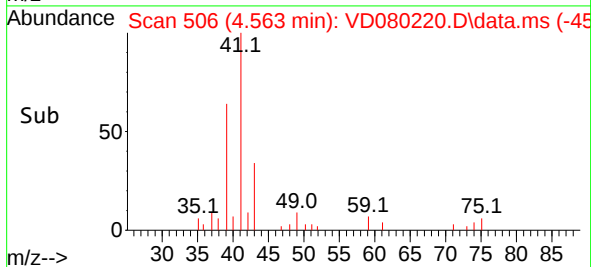
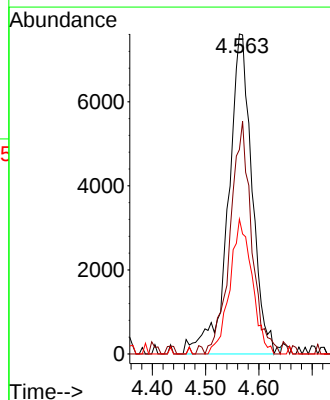
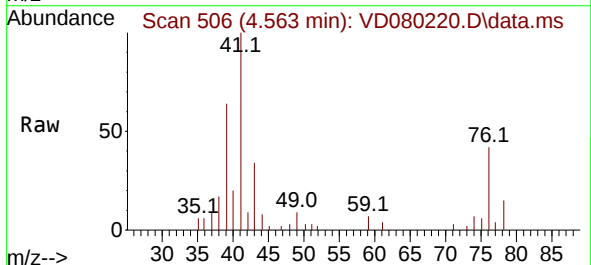
Instrument :
MSVOA_D
ClientSampleId :

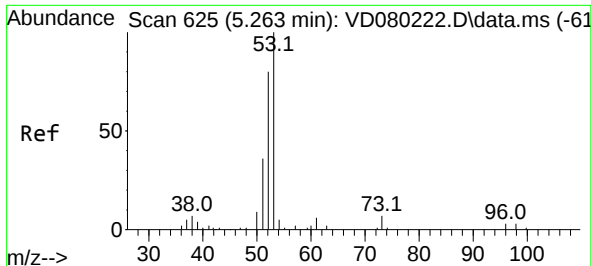
Tgt Ion: 56 Resp: 8722
Ion Ratio Lower Upper
56 100
55 76.4 57.8 86.8



#14
Allyl chloride
Concen: 9.969 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 41 Resp: 23641
Ion Ratio Lower Upper
41 100
39 65.6 55.0 82.4
76 39.3 31.0 46.4

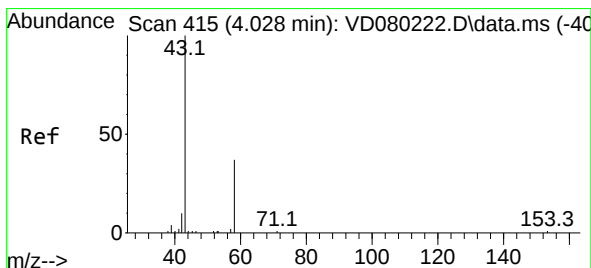
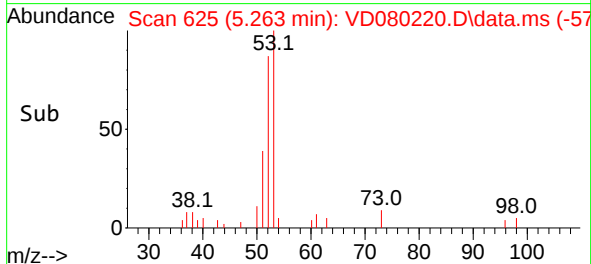
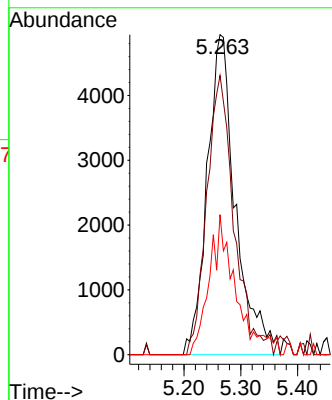
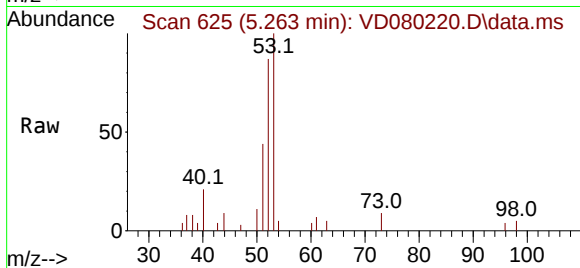




#15
Acrylonitrile
Concen: 46.458 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

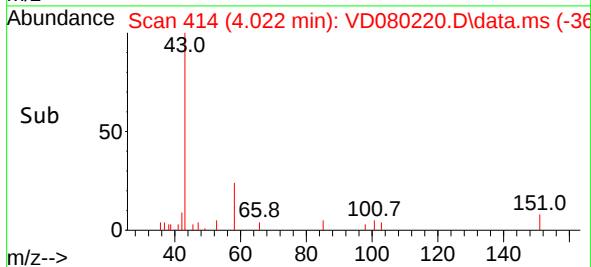
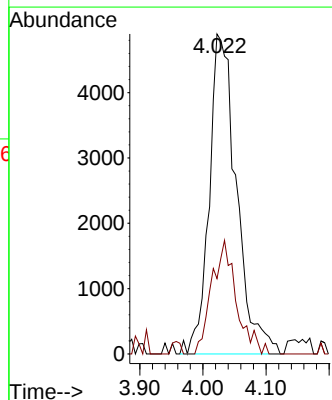
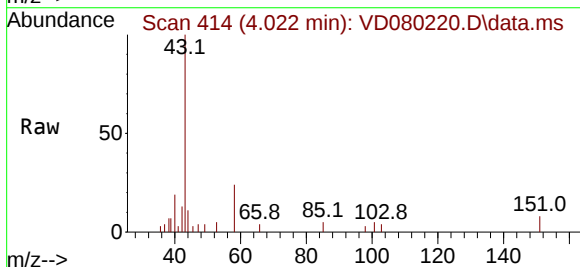
Instrument :
MSVOA_D
ClientSampleId :

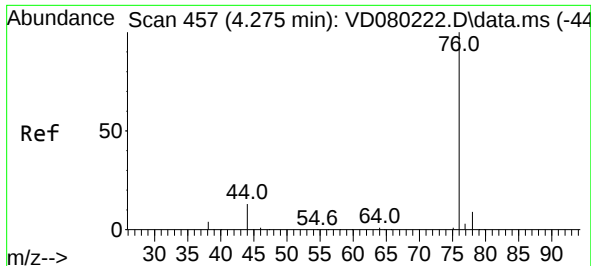
Tgt Ion:	53	Resp:	17137
Ion	Ratio	Lower	Upper
53	100		
52	83.6	65.9	98.9
51	41.1	30.1	45.1



#16
Acetone
Concen: 52.168 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

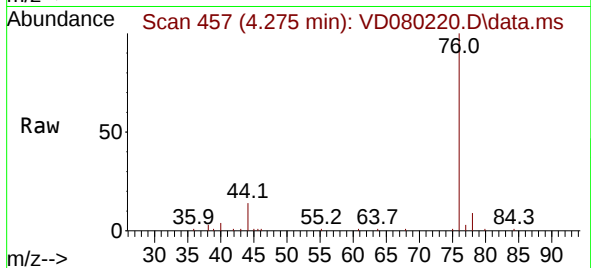
Tgt Ion:	43	Resp:	14697
Ion	Ratio	Lower	Upper
43	100		
58	23.6	29.5	44.3#



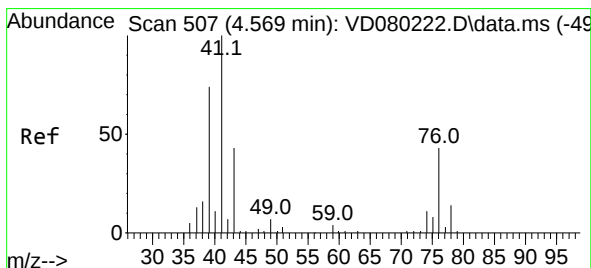
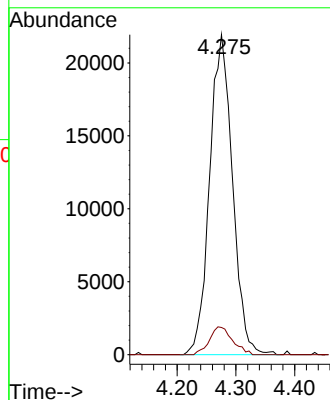
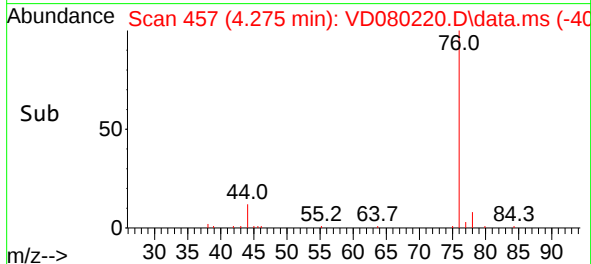


#17
Carbon Disulfide
Concen: 10.686 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Instrument :
MSVOA_D
ClientSampleId :

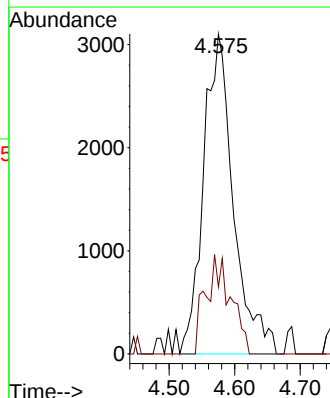
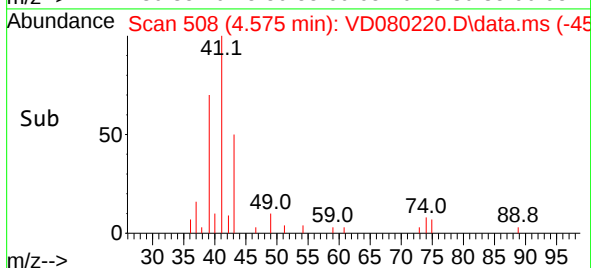
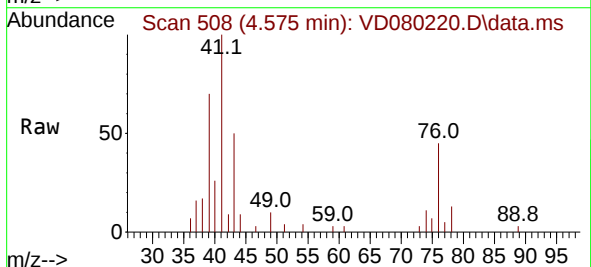


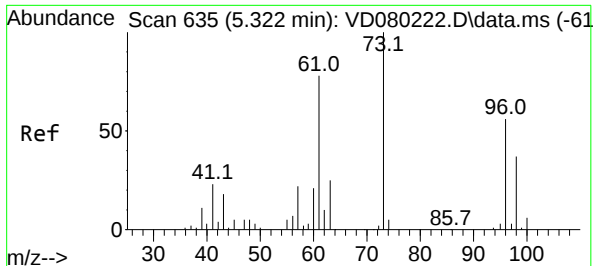
Tgt Ion: 76 Resp: 59312
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 10.368 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 43 Resp: 9856
Ion Ratio Lower Upper
43 100
74 26.0 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 8.692 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

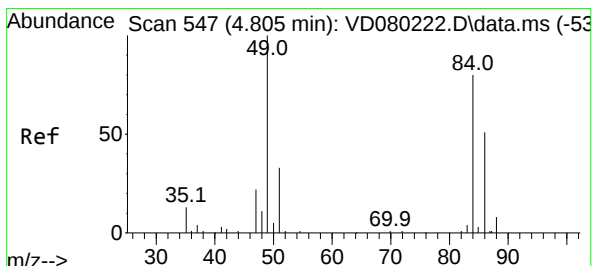
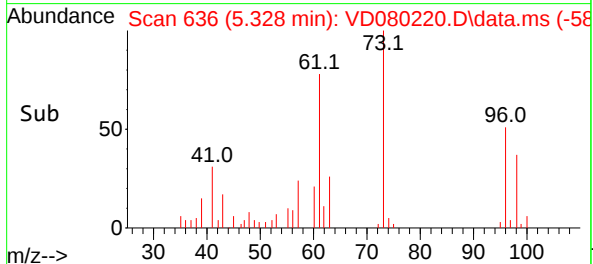
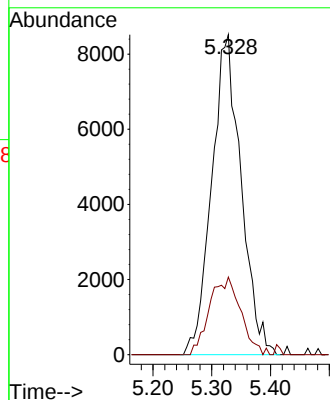
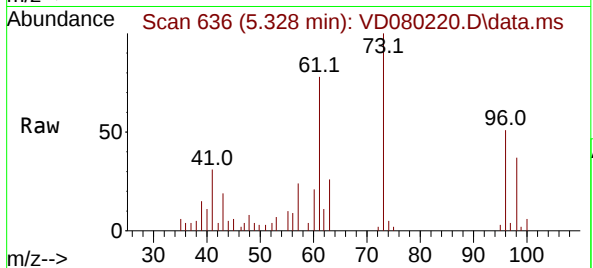
ClientSampleId :

Tgt Ion: 73 Resp: 29449

Ion Ratio Lower Upper

73 100

57 24.3 17.8 26.8



#20

Methylene Chloride

Concen: 10.618 ug/l

RT: 4.811 min Scan# 548

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Tgt Ion: 84 Resp: 20300

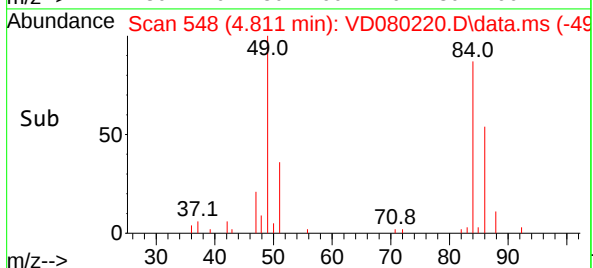
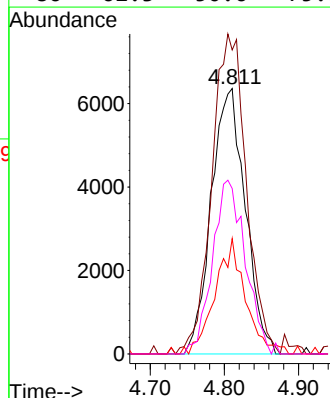
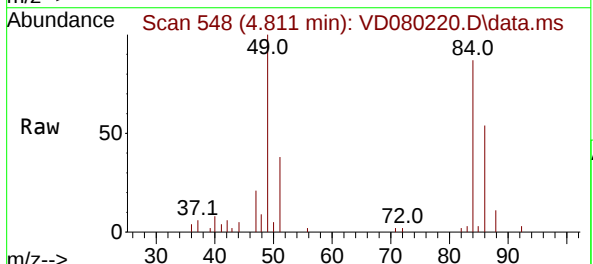
Ion Ratio Lower Upper

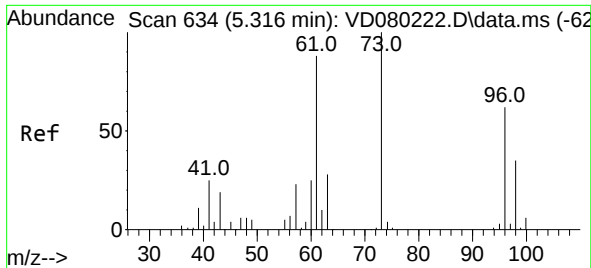
84 100

49 114.5 99.4 149.2

51 43.4 32.6 49.0

86 62.3 50.6 75.8

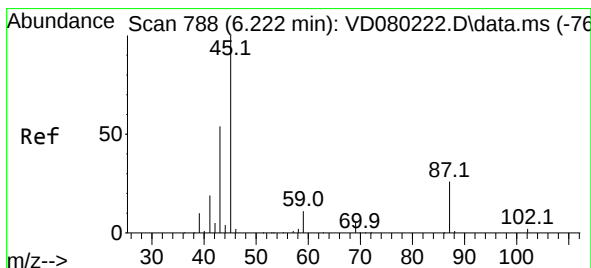
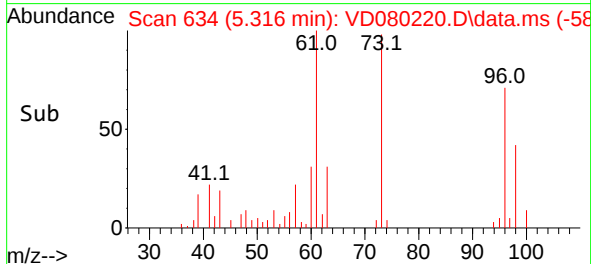
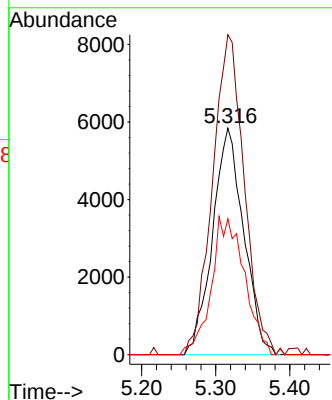
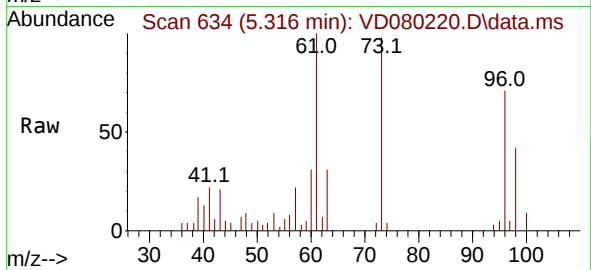




#21
trans-1,2-Dichloroethene
Concen: 9.752 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

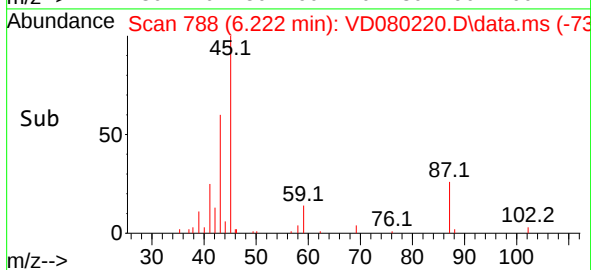
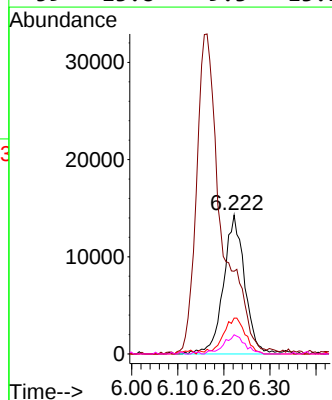
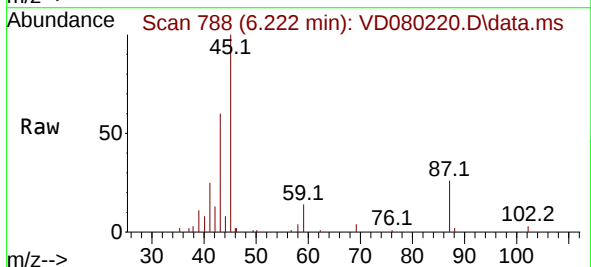
Instrument :
MSVOA_D
ClientSampleId :

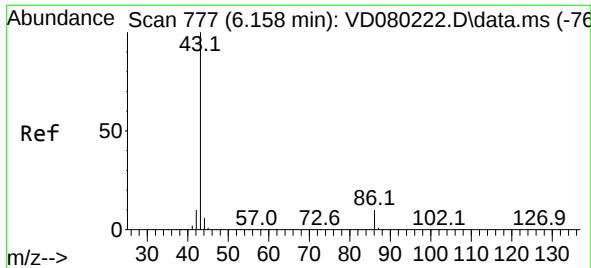
Tgt Ion: 96 Resp: 17049
Ion Ratio Lower Upper
96 100
61 141.3 113.7 170.5
98 59.9 45.4 68.2



#22
Diisopropyl ether
Concen: 9.230 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 45 Resp: 45553
Ion Ratio Lower Upper
45 100
43 57.9 44.3 66.5
87 25.8 20.5 30.7
59 13.8 9.3 13.9

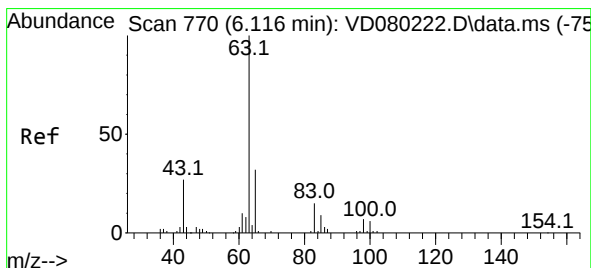
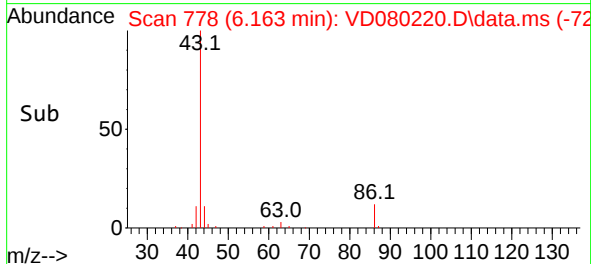
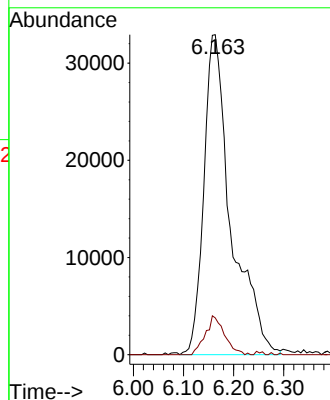
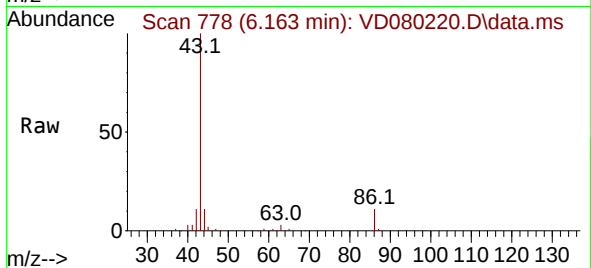




#23
 Vinyl Acetate
 Concen: 43.652 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. 0.006 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

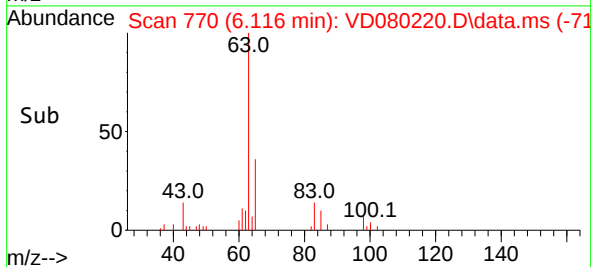
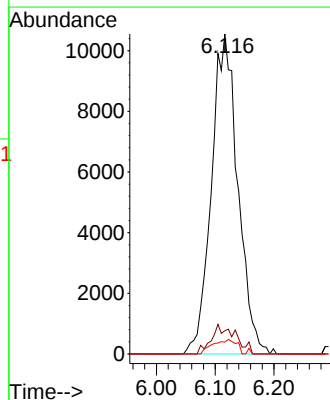
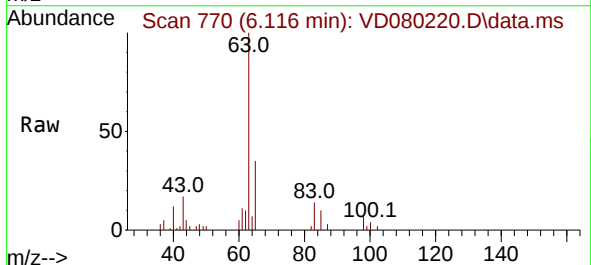
Instrument :
 MSVOA_D
 ClientSampleId :

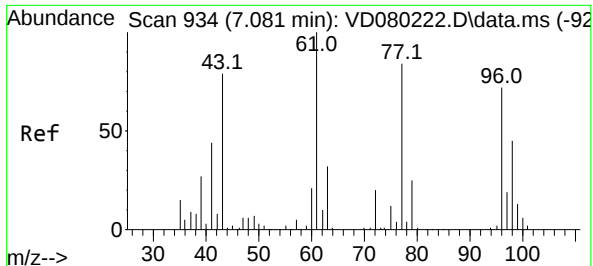
Tgt Ion: 43 Resp: 124384
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 10.189 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Tgt Ion: 63 Resp: 32964
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.5
 100 3.7 2.8 8.4

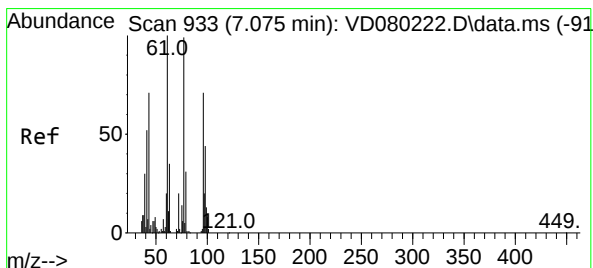
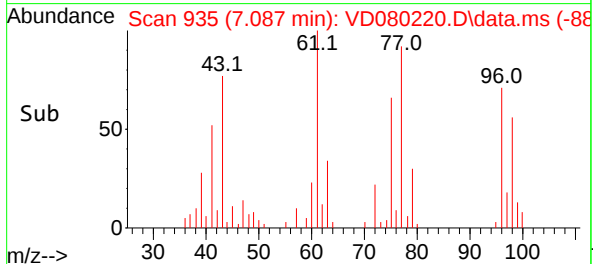
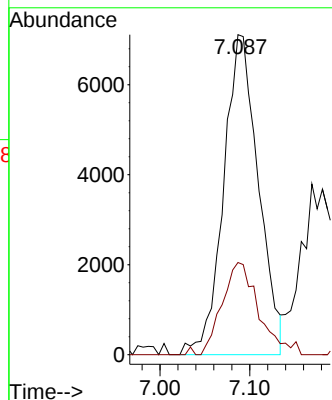
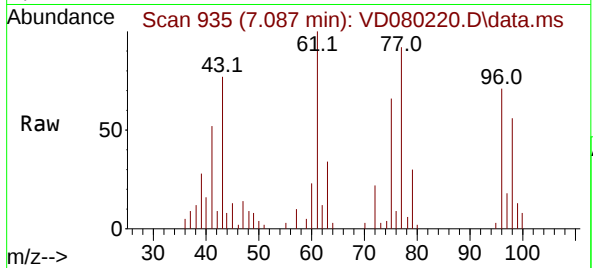




#25
2-Butanone
Concen: 43.906 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

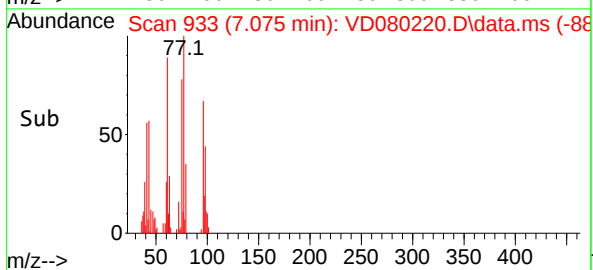
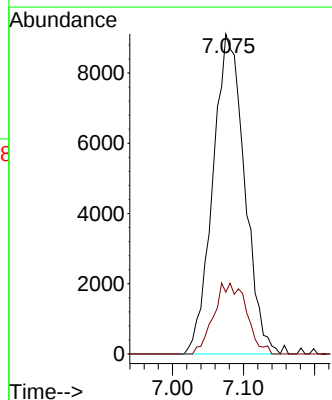
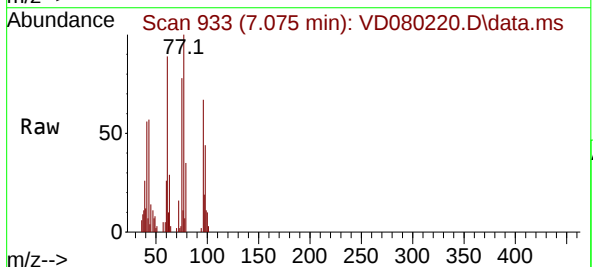
Instrument :
MSVOA_D
ClientSampleId :

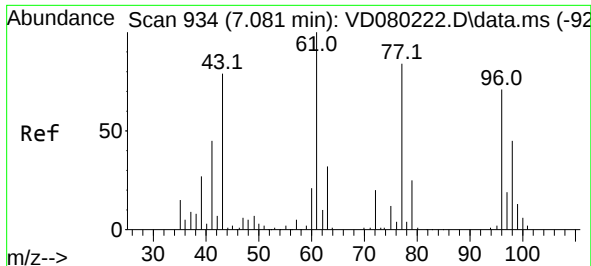
Tgt Ion: 43 Resp: 19186
Ion Ratio Lower Upper
43 100
72 28.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 10.058 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 77 Resp: 28226
Ion Ratio Lower Upper
77 100
97 22.9 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 9.510 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

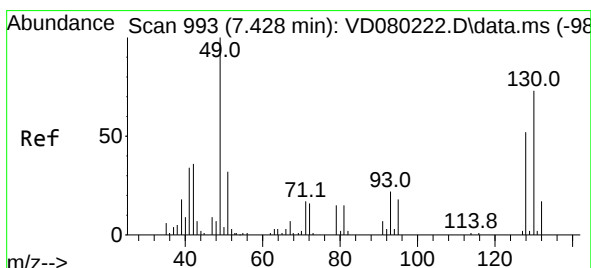
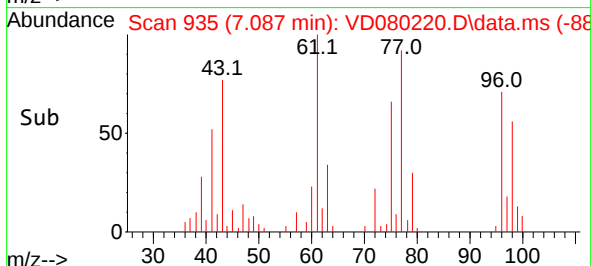
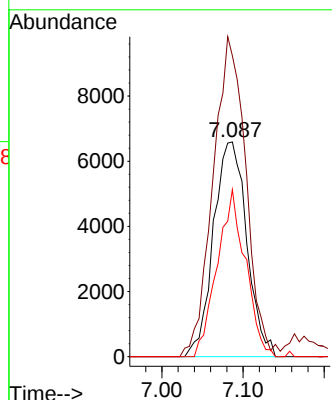
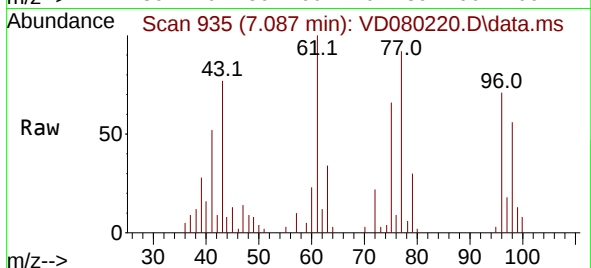
Tgt Ion: 96 Resp: 18783

Ion Ratio Lower Upper

96 100

61 147.0 0.0 297.4

98 66.1 0.0 131.0



#28

Bromochloromethane

Concen: 9.840 ug/l

RT: 7.434 min Scan# 994

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

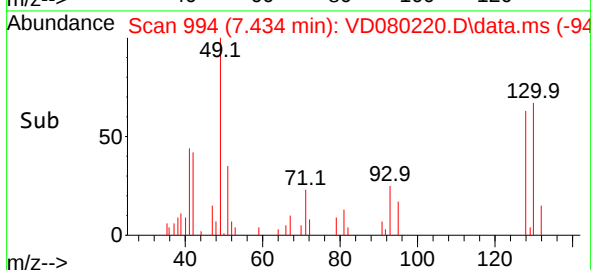
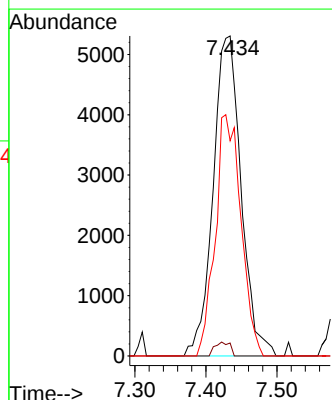
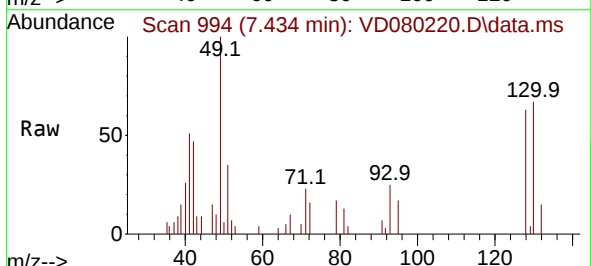
Tgt Ion: 49 Resp: 14528

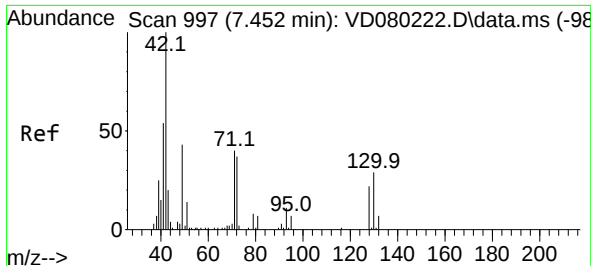
Ion Ratio Lower Upper

49 100

129 2.3 0.0 1.8#

130 68.9 55.3 82.9





#29

Tetrahydrofuran

Concen: 44.104 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

Lab File: VD080220.D

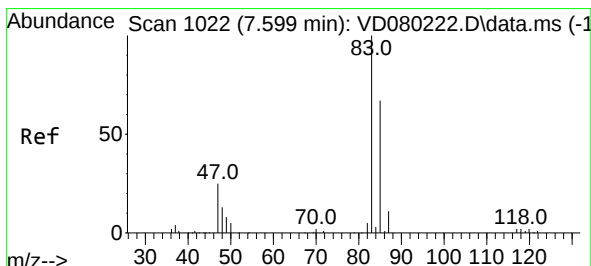
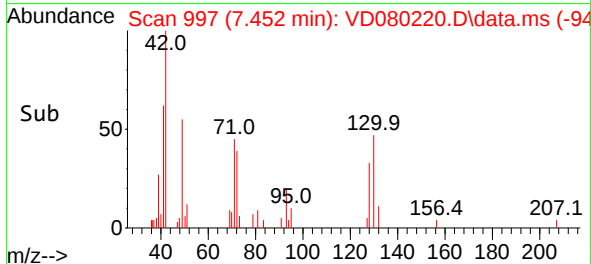
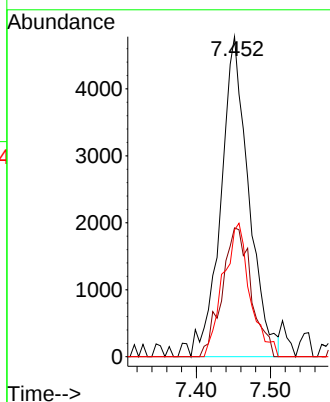
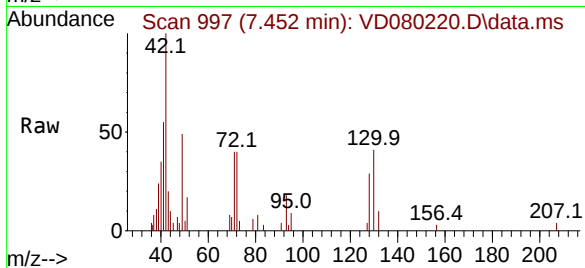
Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	12623
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.5	50.3
71	39.7	32.9	49.3



#30

Chloroform

Concen: 10.330 ug/l

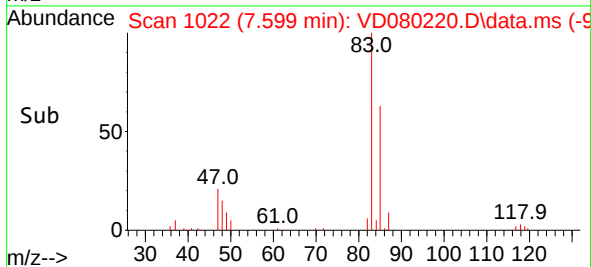
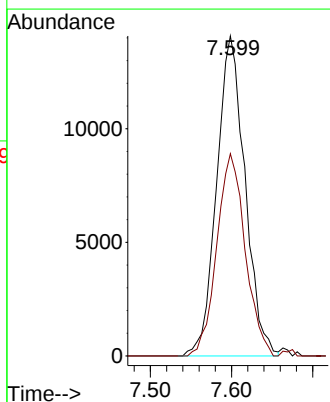
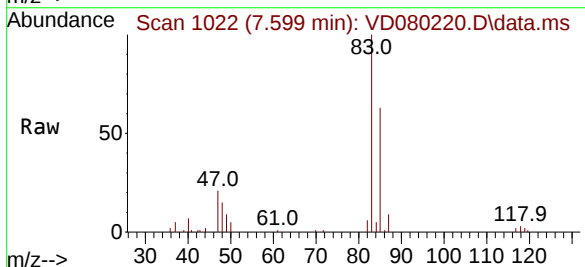
RT: 7.599 min Scan# 1022

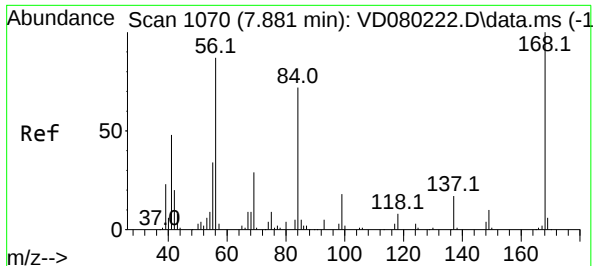
Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

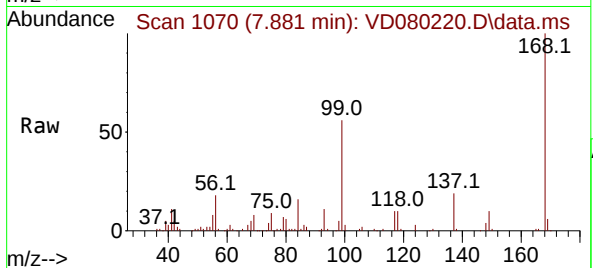
Tgt Ion:	83	Resp:	34170
Ion	Ratio	Lower	Upper
83	100		
85	63.2	53.7	80.5



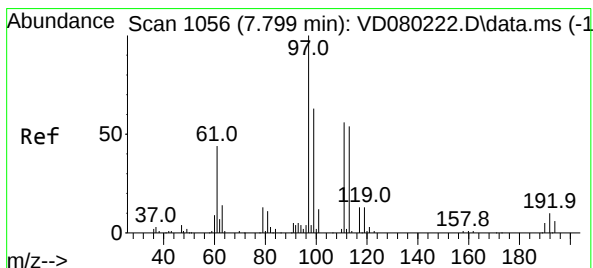
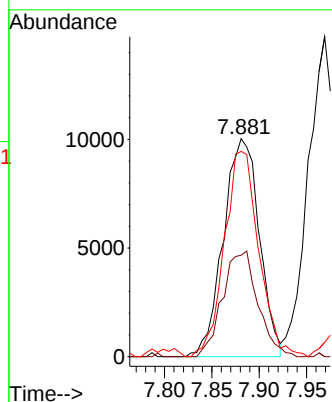
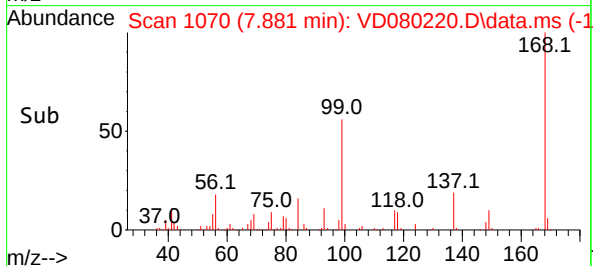


#31
Cyclohexane
Concen: 10.221 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

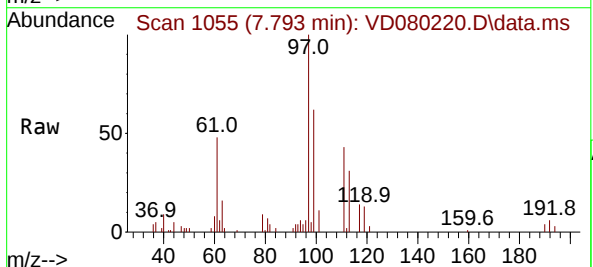
Instrument :
MSVOA_D
ClientSampleId :



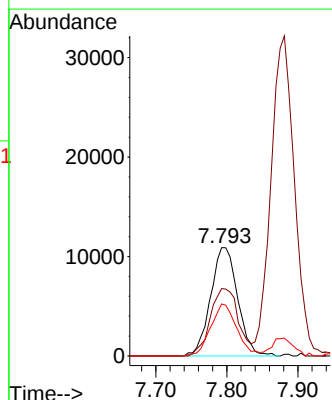
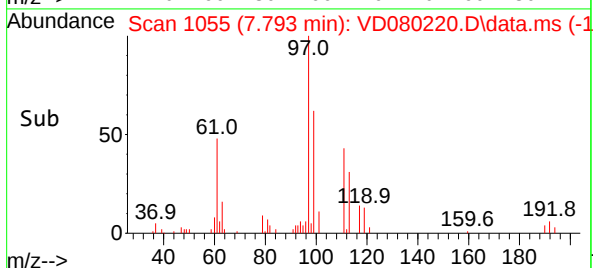
Tgt Ion: 56 Resp: 26473
Ion Ratio Lower Upper
56 100
69 46.5 27.0 40.4#
84 92.2 66.3 99.5

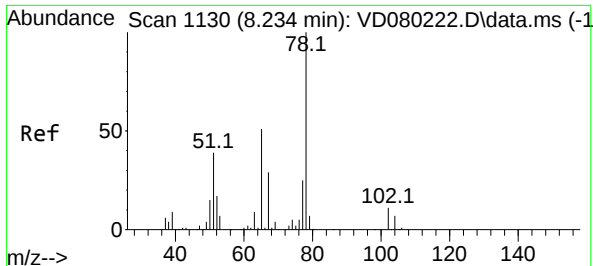


#32
1,1,1-Trichloroethane
Concen: 10.409 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54



Tgt Ion: 97 Resp: 28807
Ion Ratio Lower Upper
97 100
99 64.4 51.3 76.9
61 46.3 37.4 56.0

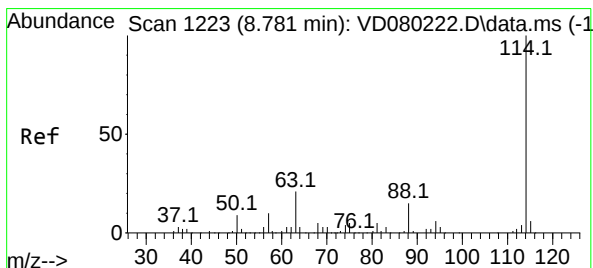
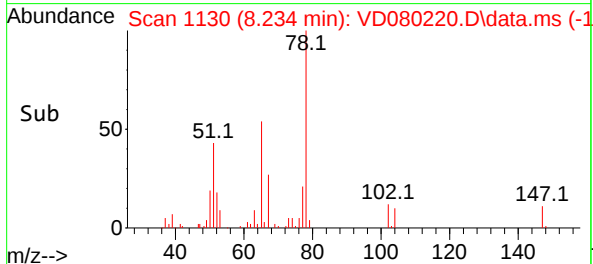
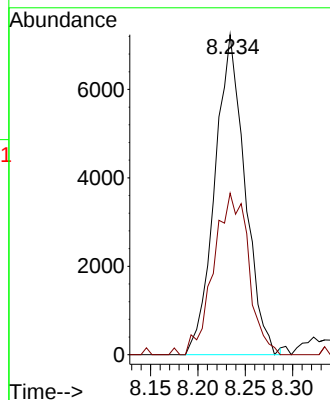
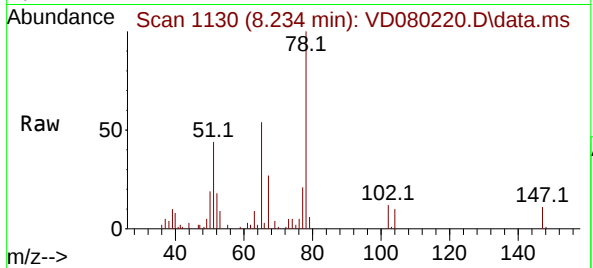




#33
 1,2-Dichloroethane-d4
 Concen: 9.173 ug/l
 RT: 8.234 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

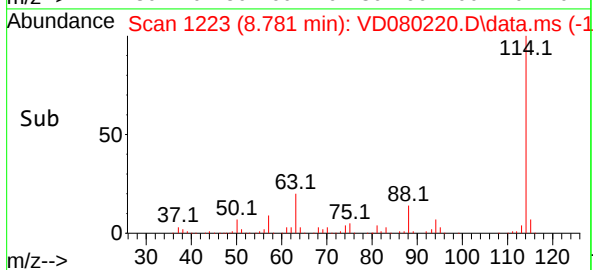
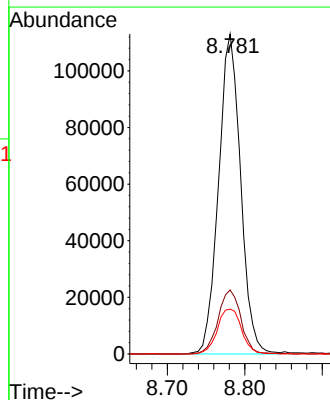
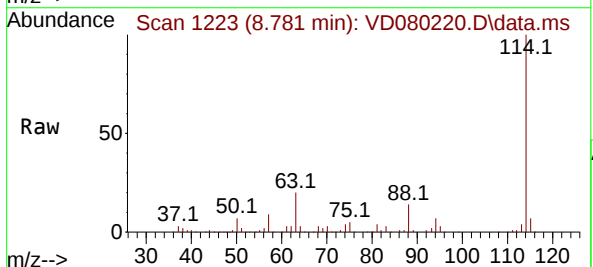
Instrument :
 MSVOA_D
 ClientSampleId :

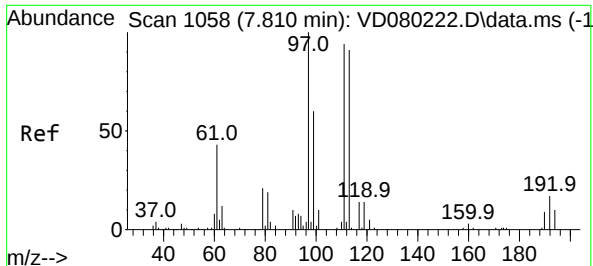
Tgt Ion: 65 Resp: 16035
 Ion Ratio Lower Upper
 65 100
 67 58.6 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.781 min Scan# 1223
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Tgt Ion: 114 Resp: 223619
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.8
 88 14.0 0.0 30.4





#35

Dibromofluoromethane

Concen: 9.685 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VD080220.D

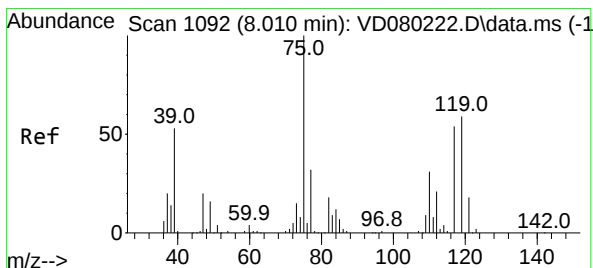
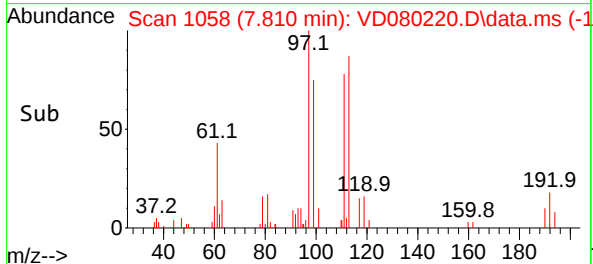
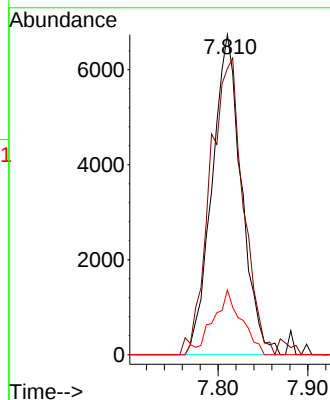
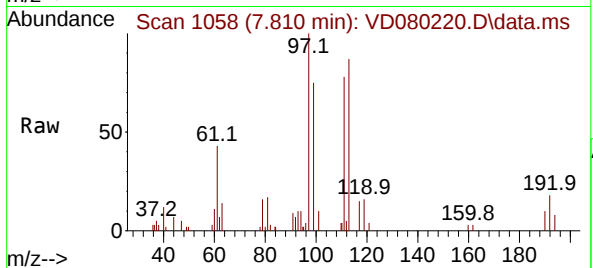
Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	15350
Ion	Ratio	Lower	Upper
113	100		
111	104.5	85.0	127.4
192	19.7	15.5	23.3



#36

1,1-Dichloropropene

Concen: 10.099 ug/l

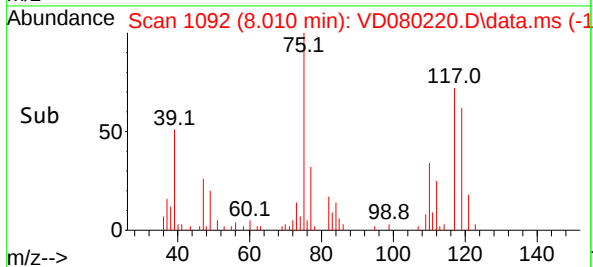
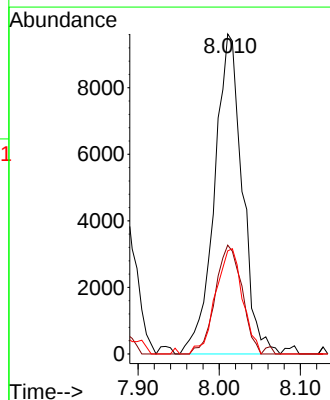
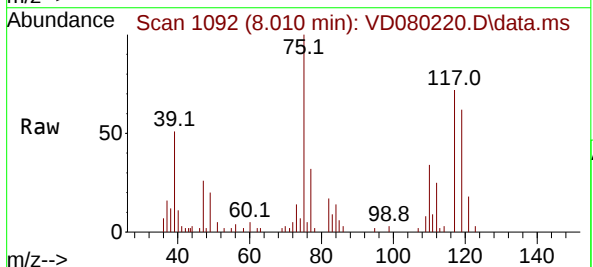
RT: 8.010 min Scan# 1092

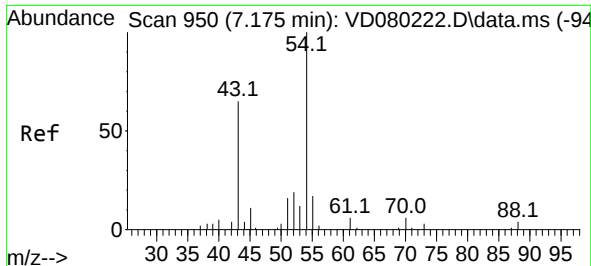
Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Tgt Ion:	75	Resp:	22925
Ion	Ratio	Lower	Upper
75	100		
110	32.5	17.1	51.2
77	31.8	25.6	38.4





#37

Ethyl Acetate

Concen: 9.721 ug/l

RT: 7.169 min Scan# 949

Delta R.T. -0.006 min

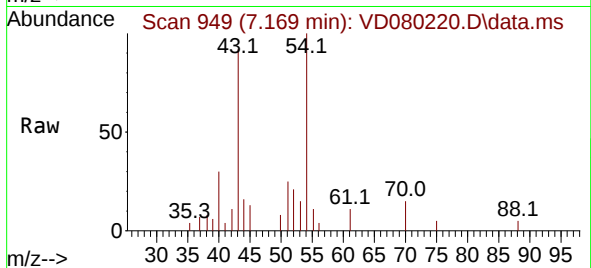
Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :



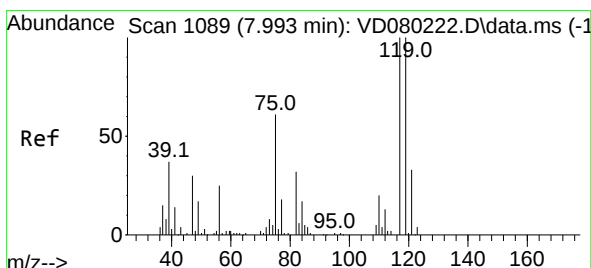
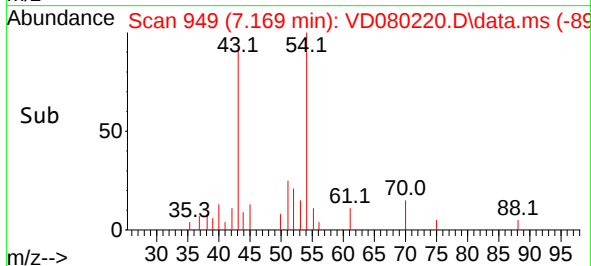
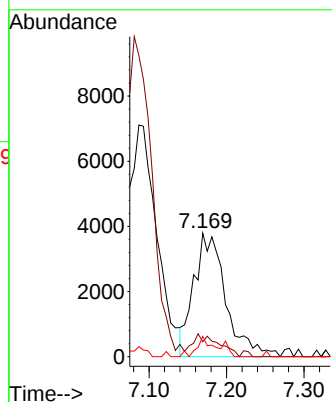
Tgt Ion: 43 Resp: 10821

Ion Ratio Lower Upper

43 100

61 14.8 11.4 17.0

70 8.1 8.2 12.2#



#38

Carbon Tetrachloride

Concen: 10.536 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

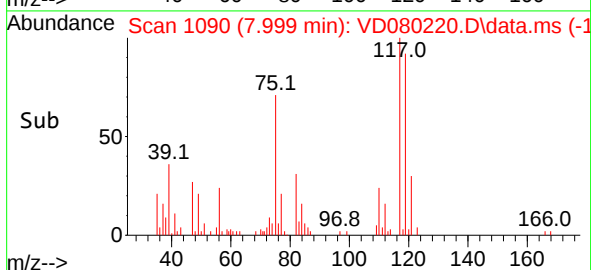
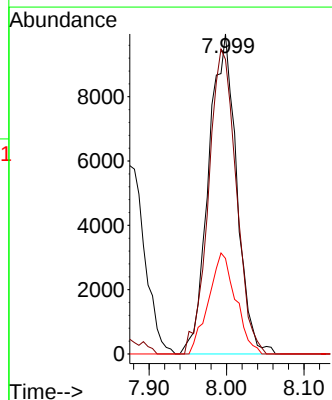
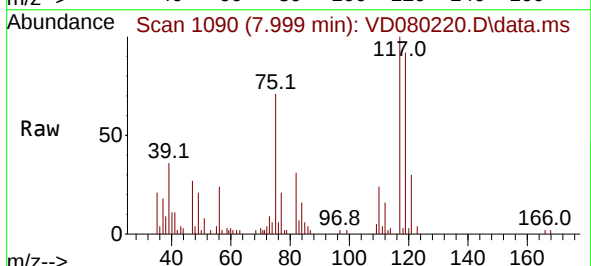
Tgt Ion: 117 Resp: 24981

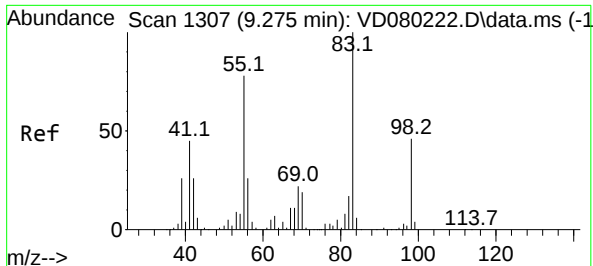
Ion Ratio Lower Upper

117 100

119 92.1 79.8 119.6

121 29.8 26.6 39.8





#39

Methylcyclohexane

Concen: 9.617 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

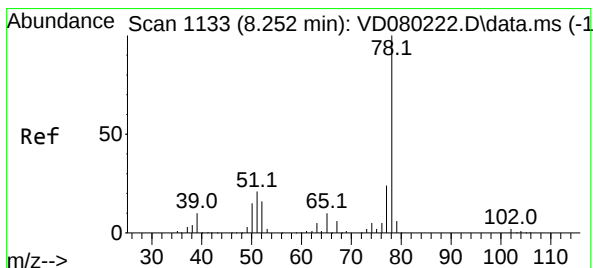
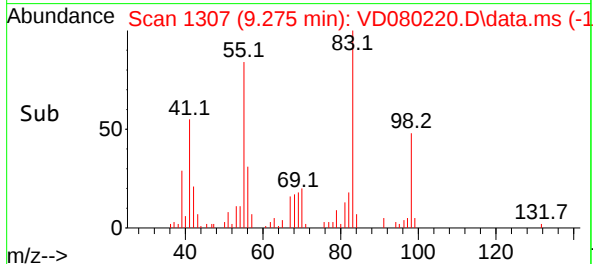
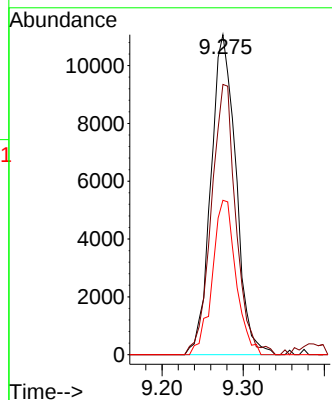
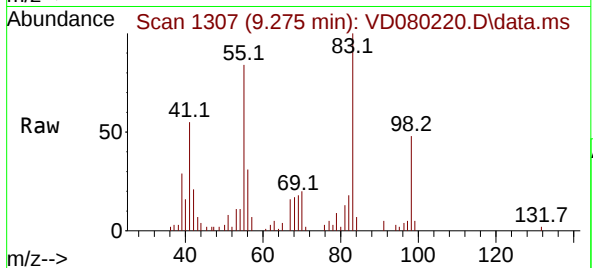
Tgt Ion: 83 Resp: 23716

Ion Ratio Lower Upper

83 100

55 84.5 62.5 93.7

98 48.2 37.1 55.7



#40

Benzene

Concen: 9.665 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. -0.000 min

Lab File: VD080220.D

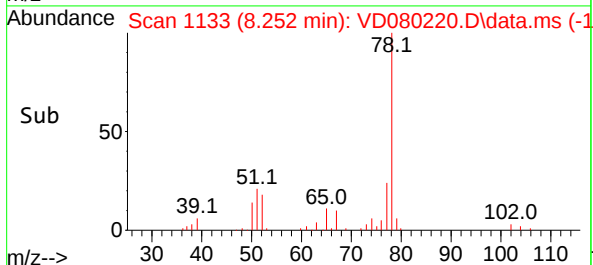
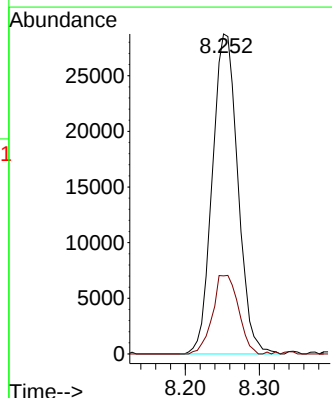
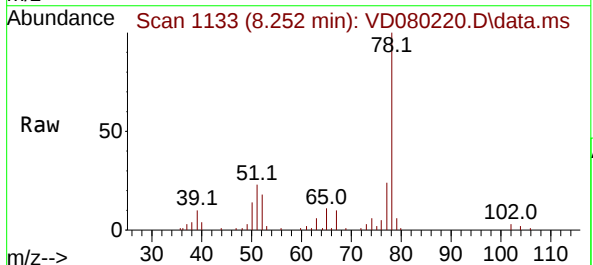
Acq: 03 Feb 2025 10:54

Tgt Ion: 78 Resp: 68769

Ion Ratio Lower Upper

78 100

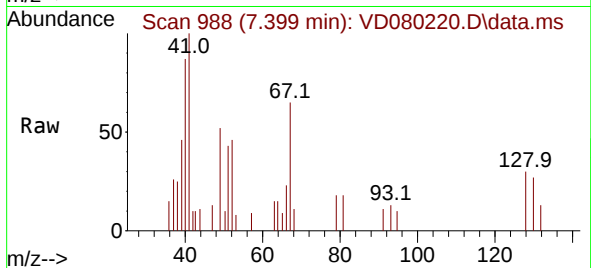
77 24.4 19.2 28.8



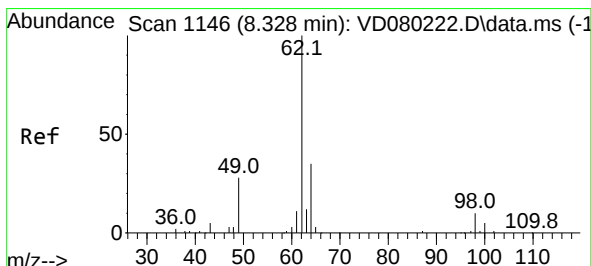
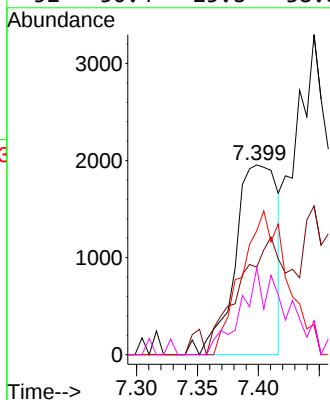
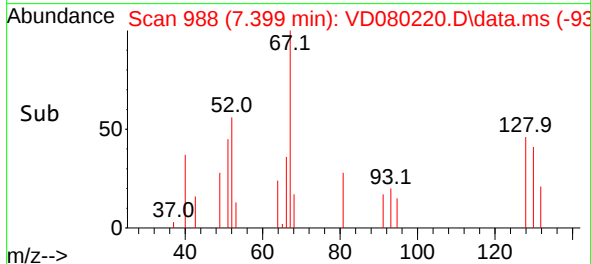


#41
Methacrylonitrile
Concen: 7.691 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

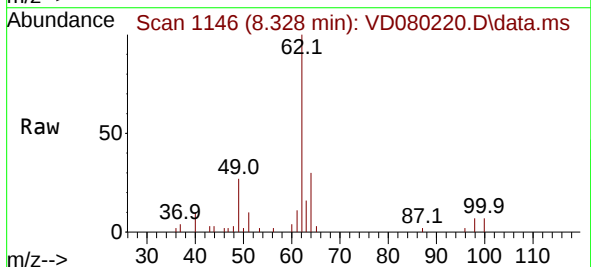
Instrument :
MSVOA_D
ClientSampleId :



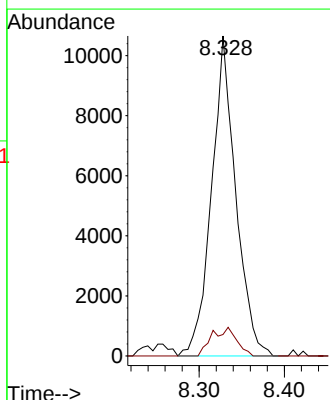
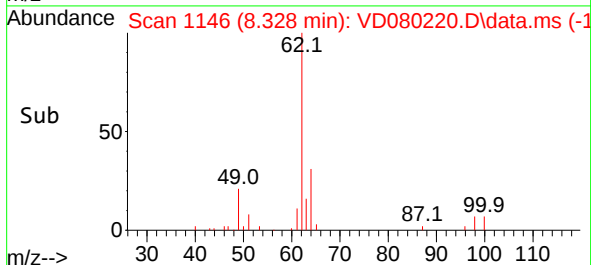
Tgt Ion: 41 Resp: 4719
Ion Ratio Lower Upper
41 100
39 63.4 44.7 67.1
67 83.0 55.0 82.4#
52 50.4 25.8 38.8#

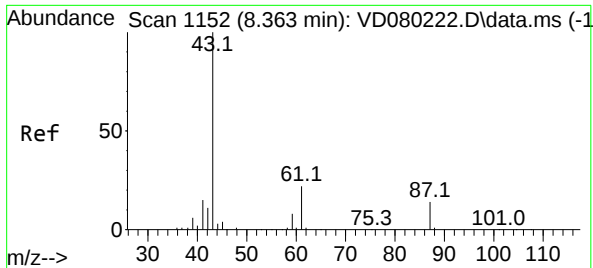


#42
1,2-Dichloroethane
Concen: 10.398 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54



Tgt Ion: 62 Resp: 21053
Ion Ratio Lower Upper
62 100
98 9.1 0.0 18.4

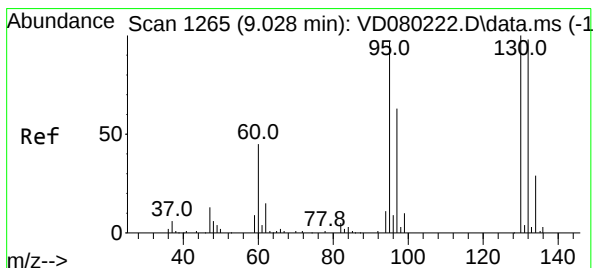
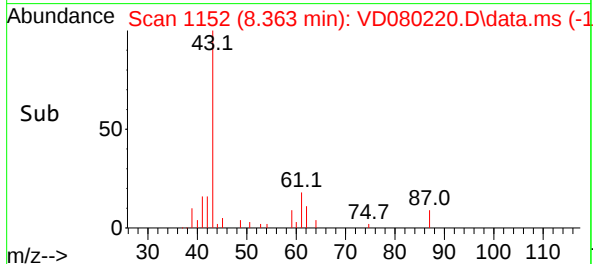
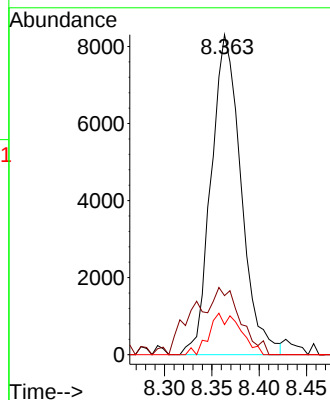
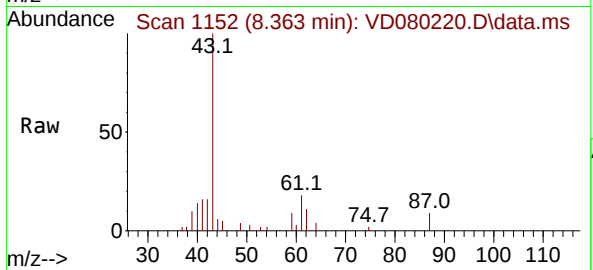




#43
Isopropyl Acetate
Concen: 9.253 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

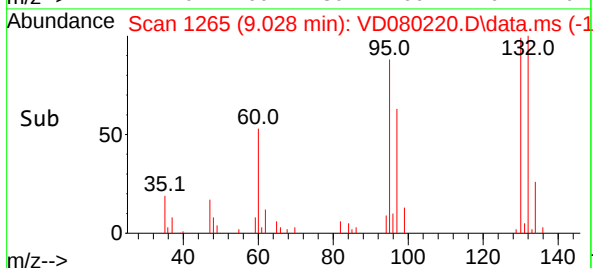
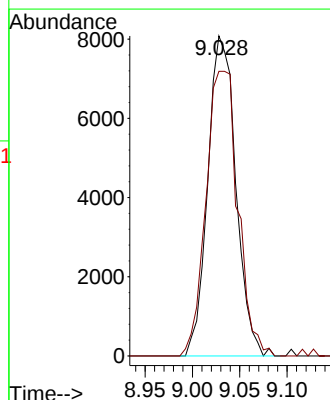
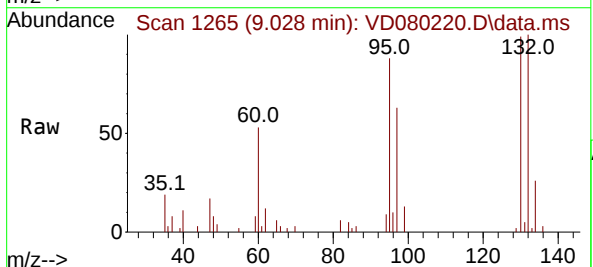
Instrument :
MSVOA_D
ClientSampleId :

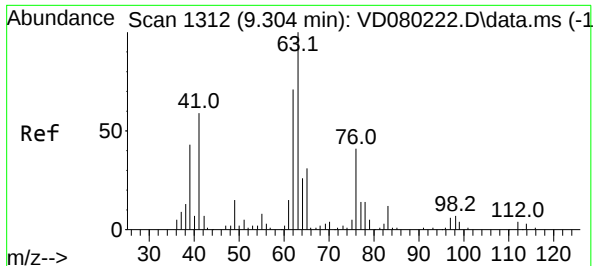
Tgt Ion: 43 Resp: 18279
Ion Ratio Lower Upper
43 100
61 19.3 25.0 37.4#
87 13.4 10.7 16.1



#44
Trichloroethene
Concen: 10.142 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:130 Resp: 16670
Ion Ratio Lower Upper
130 100
95 89.0 0.0 194.2





#45

1,2-Dichloropropane

Concen: 10.120 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

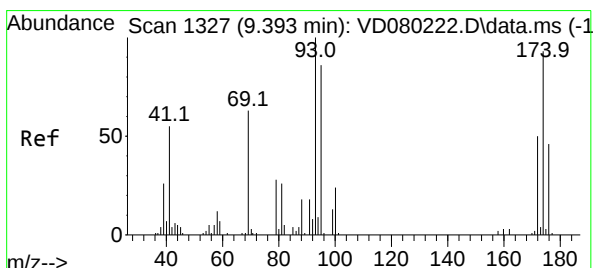
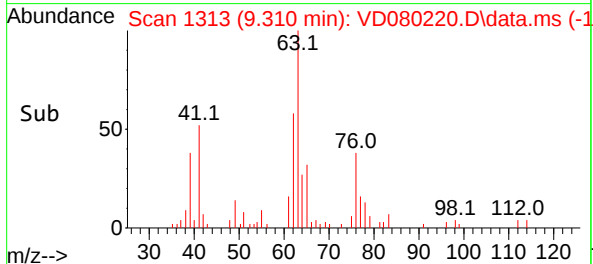
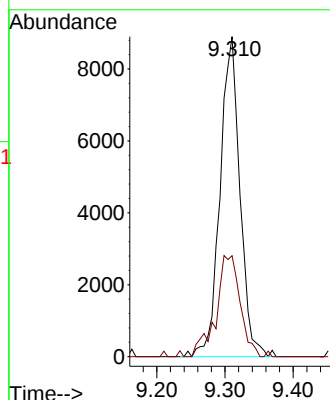
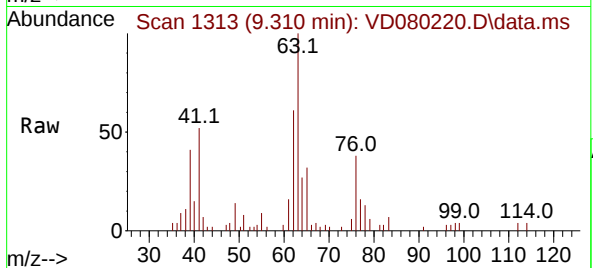
ClientSampleId :

Tgt Ion: 63 Resp: 18112

Ion Ratio Lower Upper

63 100

65 31.6 24.6 36.8



#46

Dibromomethane

Concen: 10.431 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

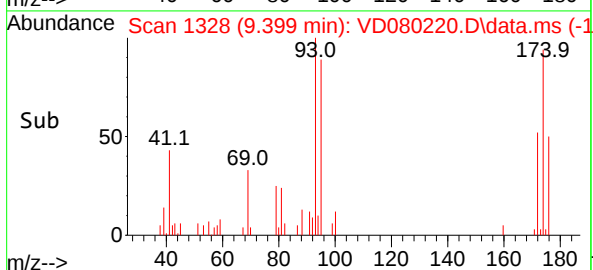
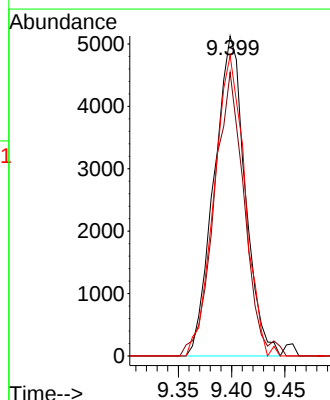
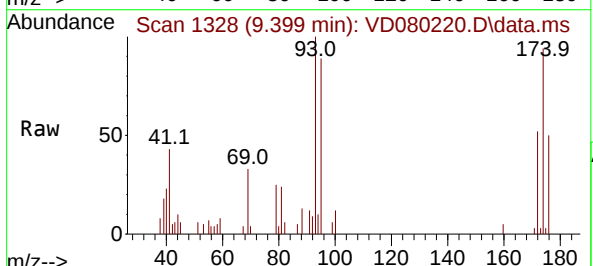
Tgt Ion: 93 Resp: 10401

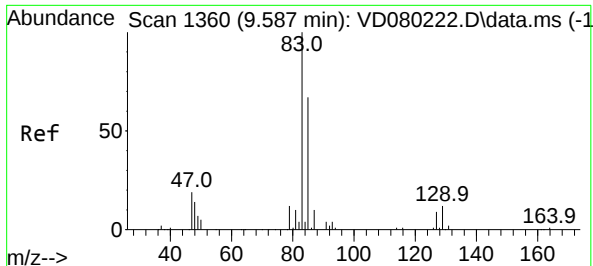
Ion Ratio Lower Upper

93 100

95 85.9 66.8 100.2

174 92.7 76.8 115.2





#47

Bromodichloromethane

Concen: 10.462 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080220.D

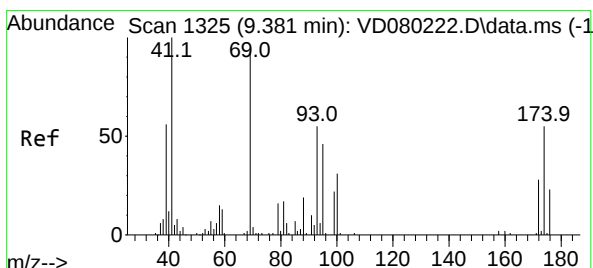
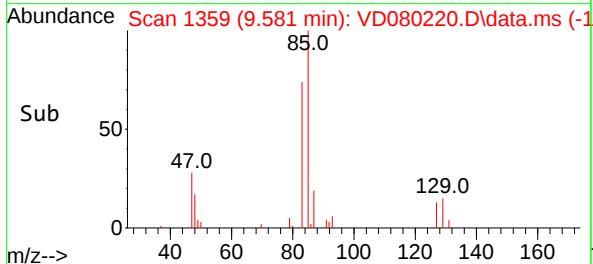
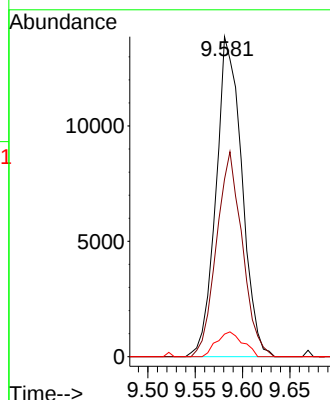
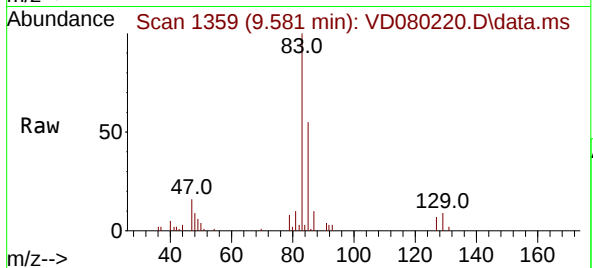
Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 26307
Ion Ratio	Lower Upper
83 100	
85 55.5	53.6 80.4
127 7.1	7.4 11.2#



#48

Methyl methacrylate

Concen: 8.157 ug/l

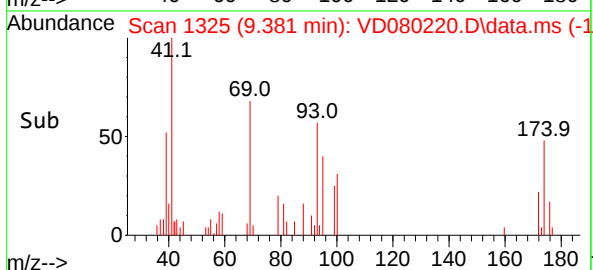
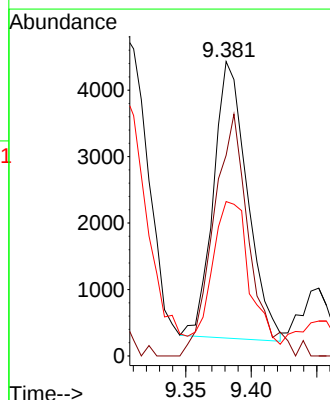
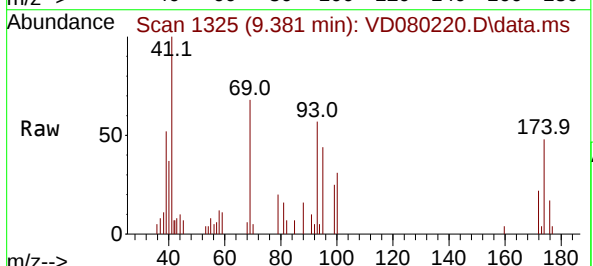
RT: 9.381 min Scan# 1325

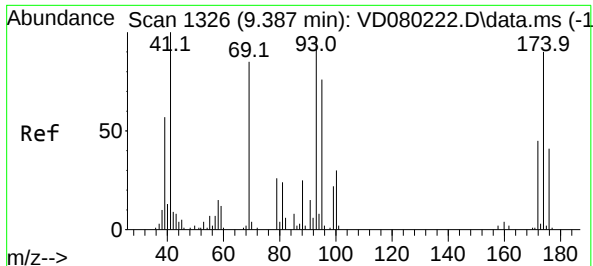
Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Tgt Ion: 41	Resp: 7457
Ion Ratio	Lower Upper
41 100	
69 93.1	73.7 110.5
39 65.0	49.4 74.2





#49

1,4-Dioxane

Concen: 224.302 ug/l

RT: 9.393 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

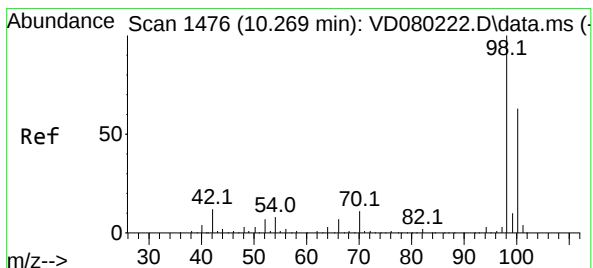
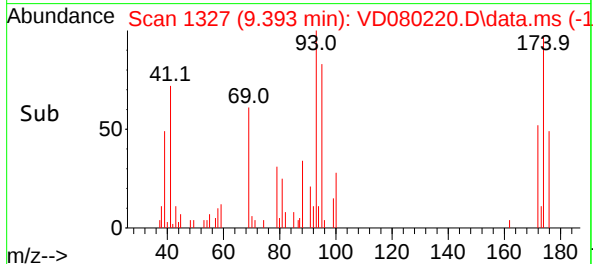
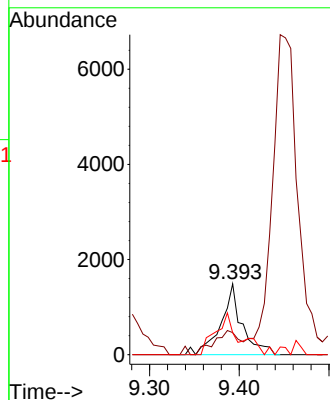
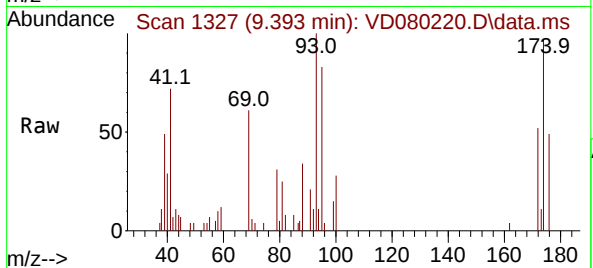
Tgt Ion: 88 Resp: 2433

Ion Ratio Lower Upper

88 100

43 40.9 28.5 42.7

58 53.8 56.3 84.5#



#50

Toluene-d8

Concen: 9.571 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080220.D

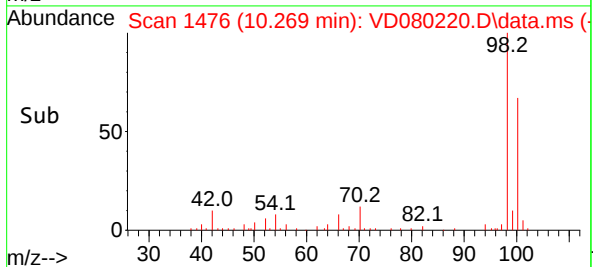
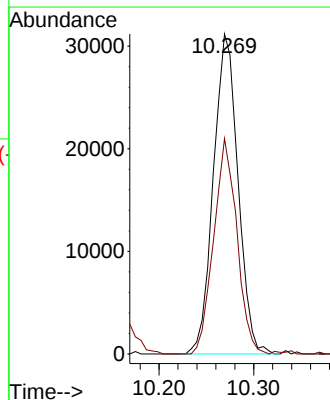
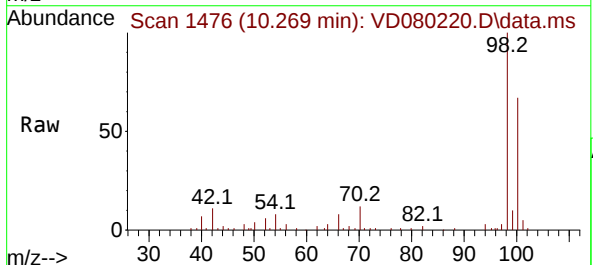
Acq: 03 Feb 2025 10:54

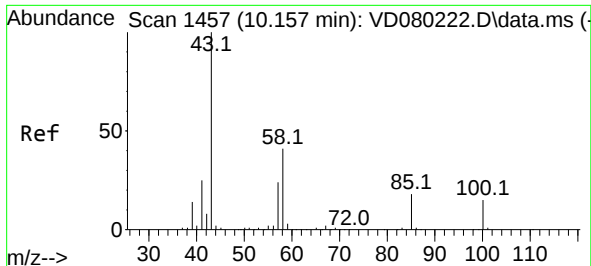
Tgt Ion: 98 Resp: 56251

Ion Ratio Lower Upper

98 100

100 63.5 50.2 75.4

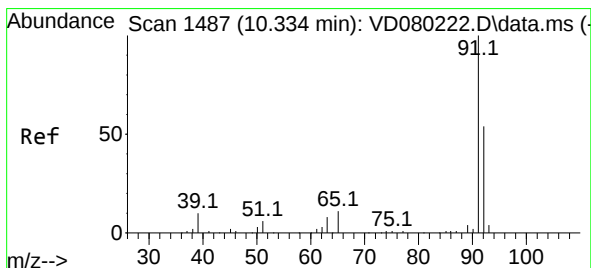
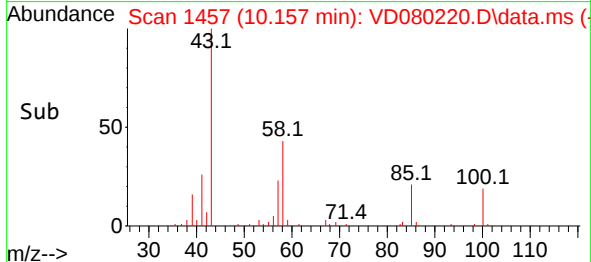
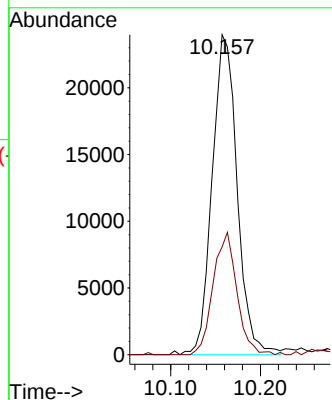
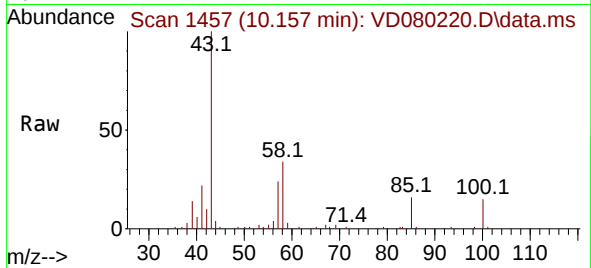




#51
4-Methyl-2-Pentanone
Concen: 46.333 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

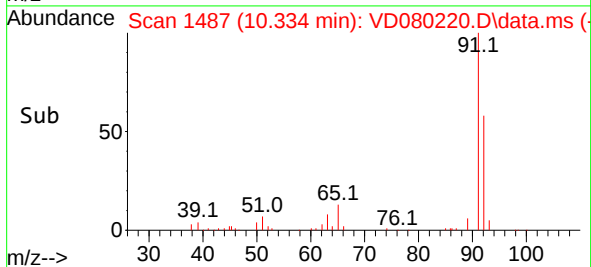
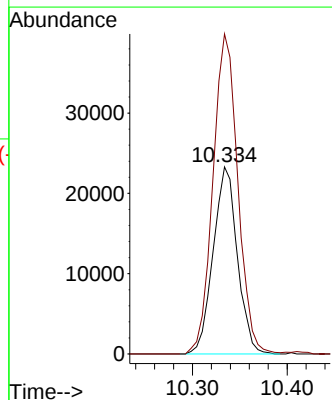
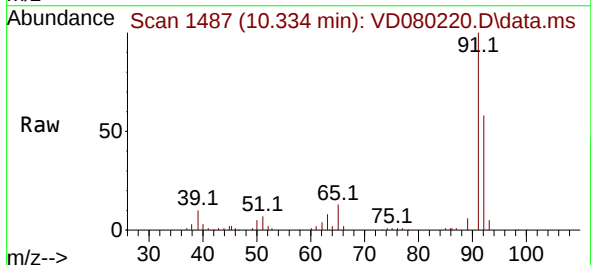
Instrument :
MSVOA_D
ClientSampleId :

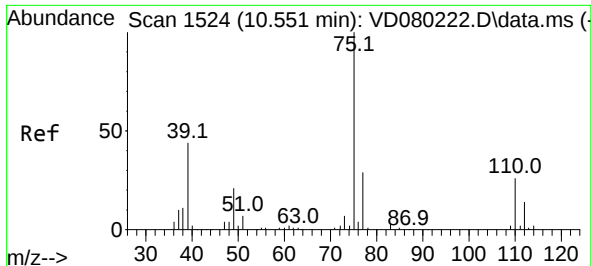
Tgt Ion: 43 Resp: 46283
Ion Ratio Lower Upper
43 100
58 36.5 31.1 46.7



#52
Toluene
Concen: 9.927 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 92 Resp: 41315
Ion Ratio Lower Upper
92 100
91 176.1 144.7 217.1

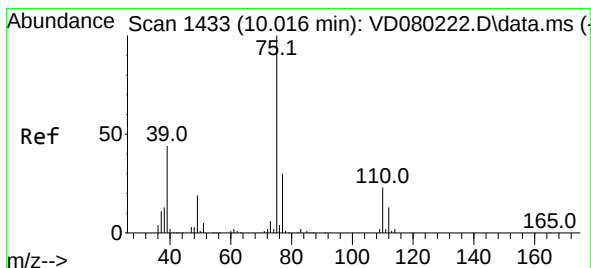
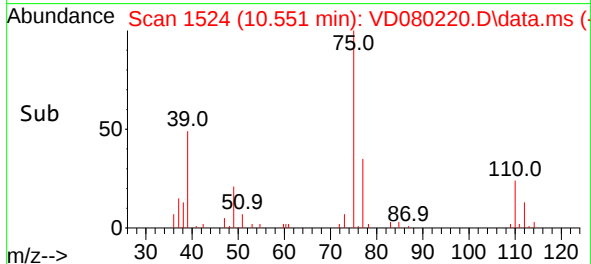
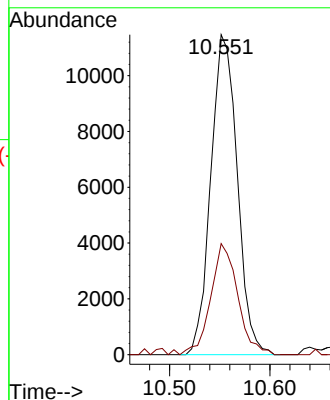
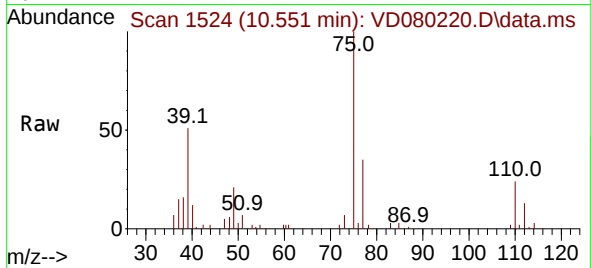




#53
 t-1,3-Dichloropropene
 Concen: 9.811 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

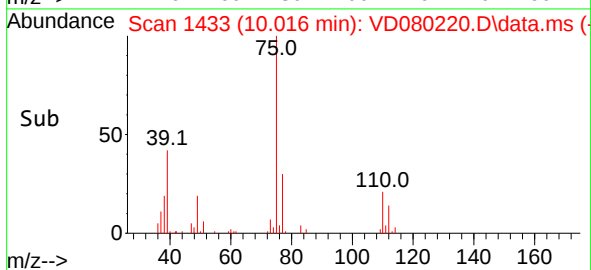
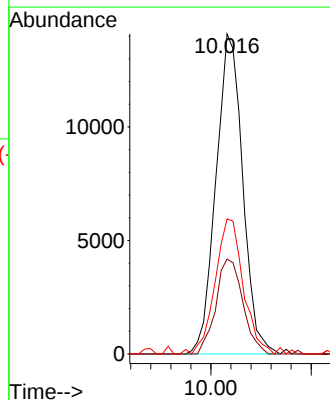
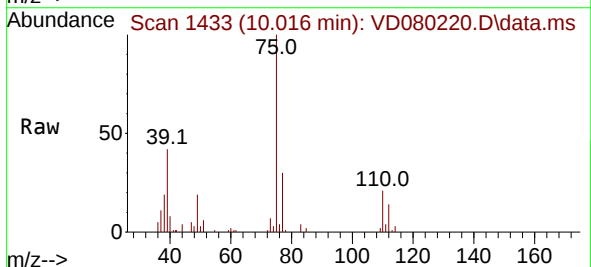
Instrument :
 MSVOA_D
 ClientSampleId :

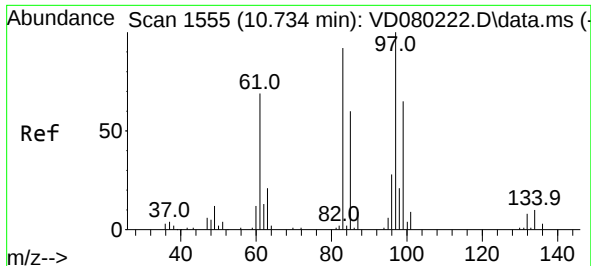
Tgt Ion: 75 Resp: 21031
 Ion Ratio Lower Upper
 75 100
 77 34.7 23.0 34.4#



#54
 cis-1,3-Dichloropropene
 Concen: 9.992 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

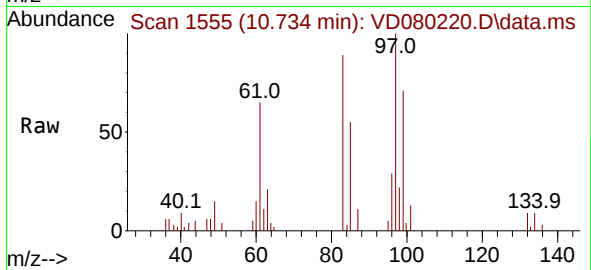
Tgt Ion: 75 Resp: 26053
 Ion Ratio Lower Upper
 75 100
 77 29.7 24.1 36.1
 39 42.2 35.1 52.7



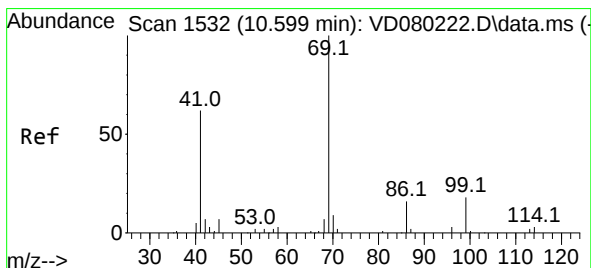
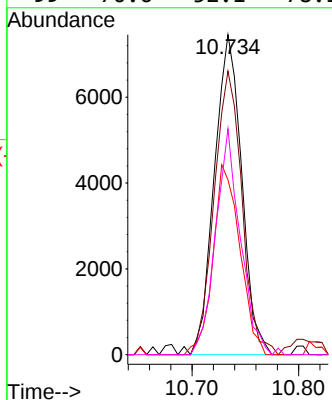
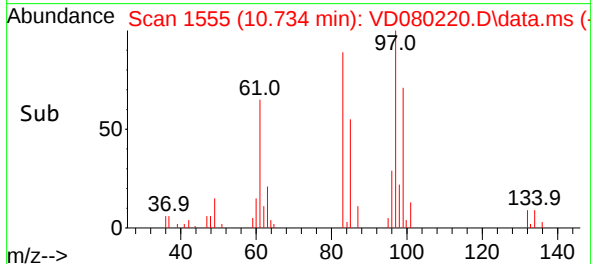


#55
1,1,2-Trichloroethane
Concen: 10.276 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

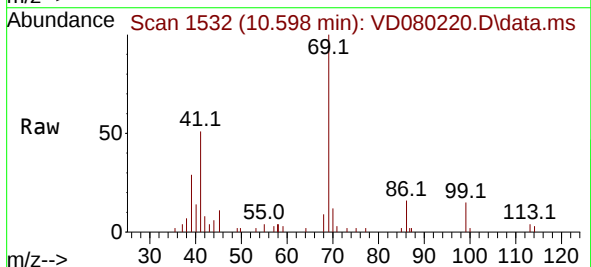
Instrument :
MSVOA_D
ClientSampleId :



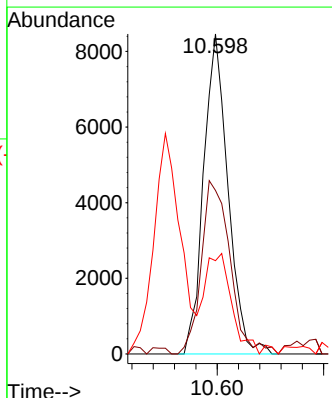
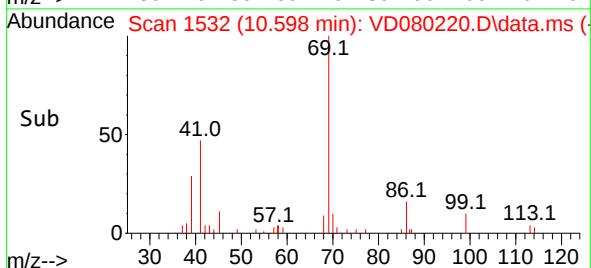
Tgt Ion: 97	Resp: 13313
Ion Ratio	Lower Upper
97 100	
83 88.6	73.9 110.9
85 54.7	48.2 72.2
99 70.6	52.1 78.1

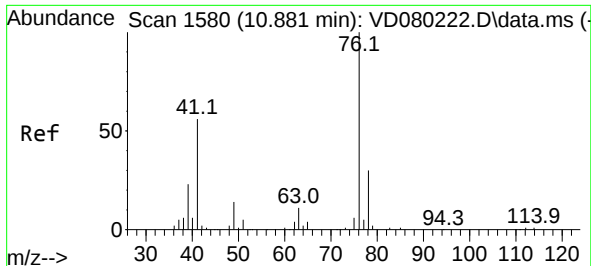


#56
Ethyl methacrylate
Concen: 9.073 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54



Tgt Ion: 69	Resp: 13412
Ion Ratio	Lower Upper
69 100	
41 63.8	51.8 77.6
39 34.4	28.7 43.1

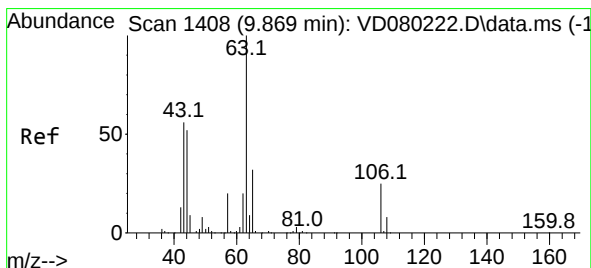
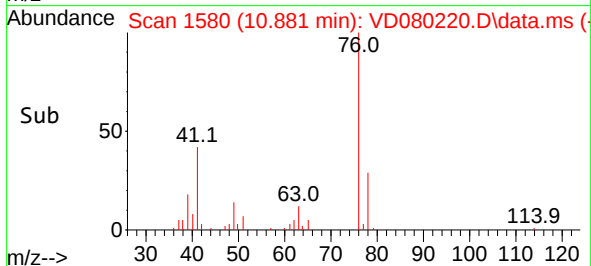
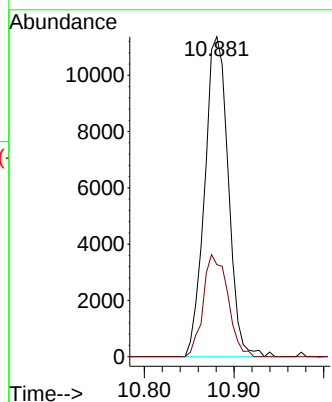
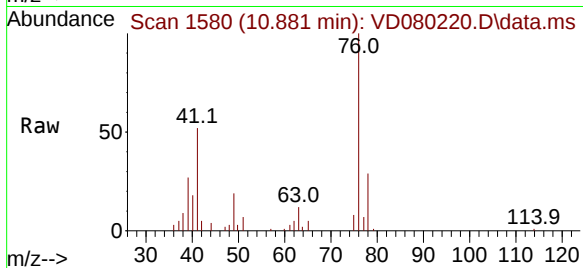




#57
1,3-Dichloropropane
Concen: 9.687 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

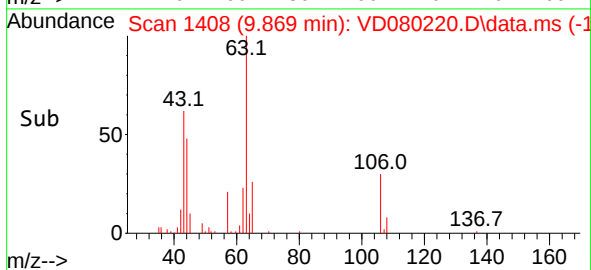
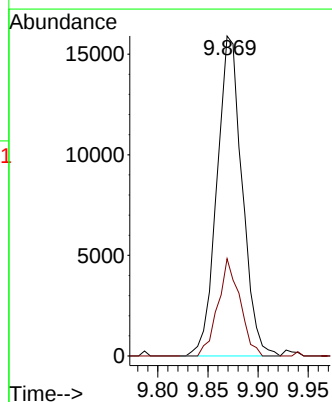
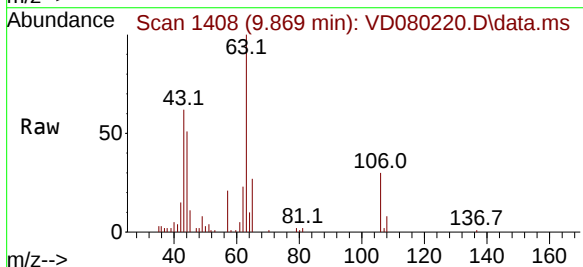
Instrument :
MSVOA_D
ClientSampleId :

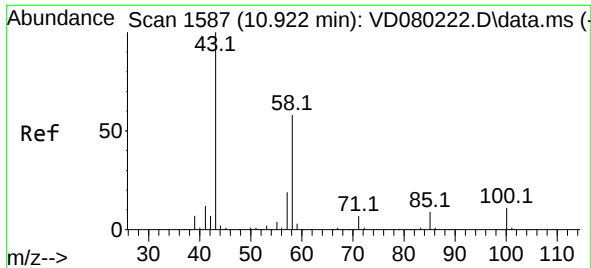
Tgt Ion: 76 Resp: 20759
Ion Ratio Lower Upper
76 100
78 33.2 25.0 37.4



#58
2-Chloroethyl Vinyl ether
Concen: 44.151 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 63 Resp: 27857
Ion Ratio Lower Upper
63 100
106 26.5 20.6 30.8

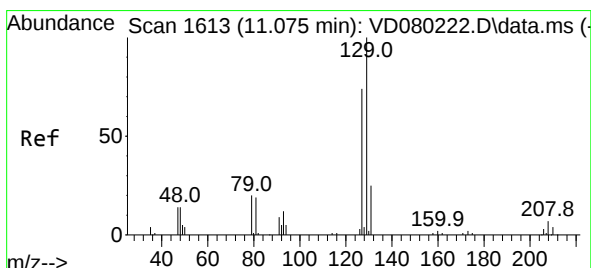
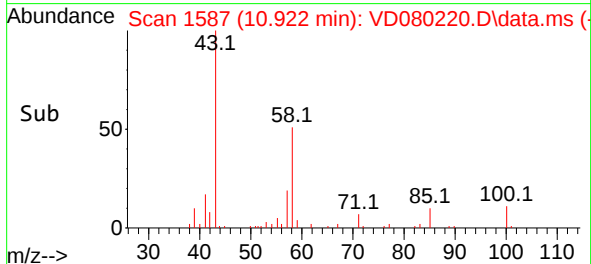
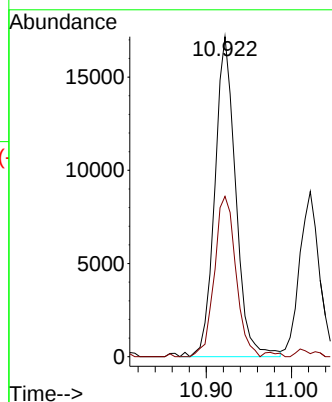
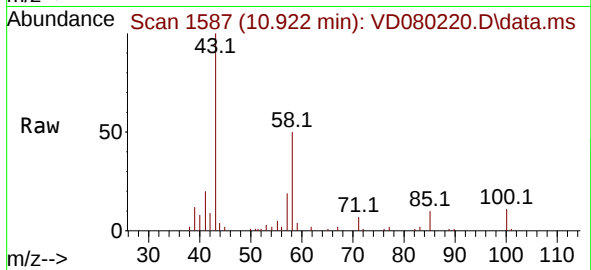




#59
2-Hexanone
Concen: 44.667 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

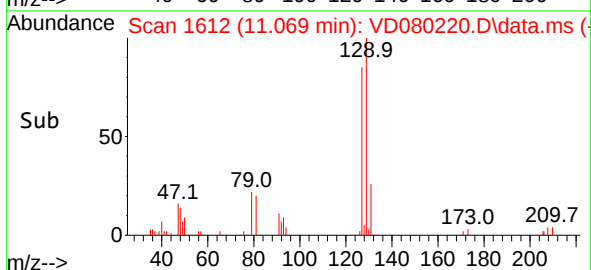
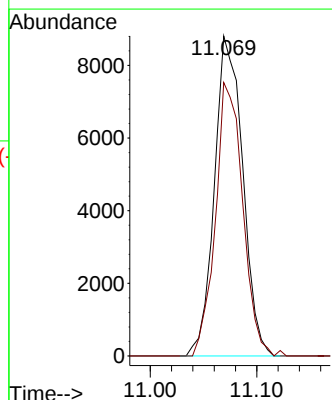
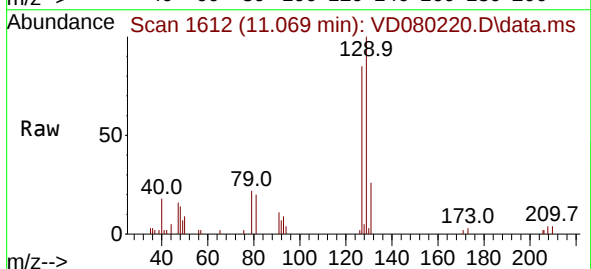
Instrument :
MSVOA_D
ClientSampleId :

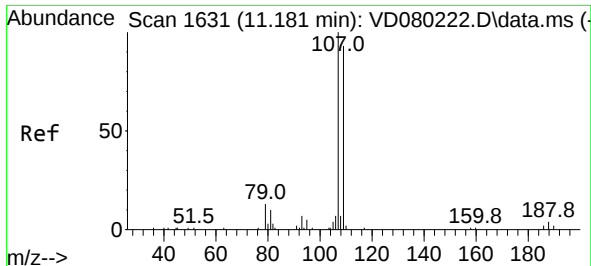
Tgt Ion: 43 Resp: 29279
Ion Ratio Lower Upper
43 100
58 51.3 27.4 82.2



#60
Dibromochloromethane
Concen: 10.155 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:129 Resp: 16216
Ion Ratio Lower Upper
129 100
127 82.6 38.1 114.5

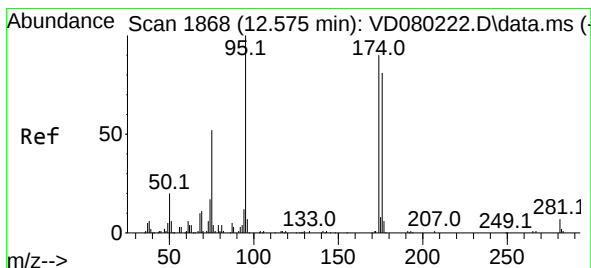
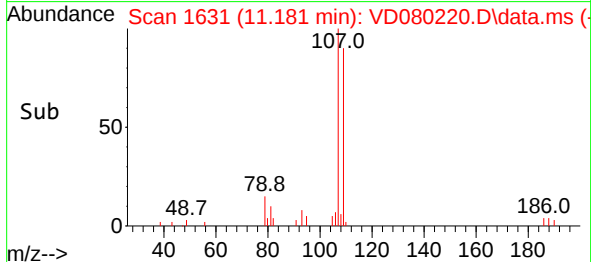
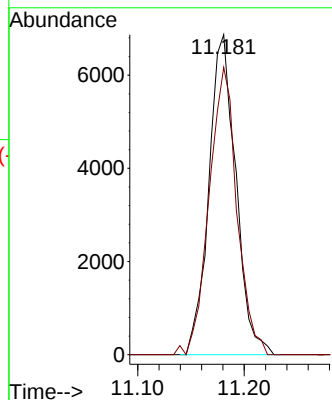
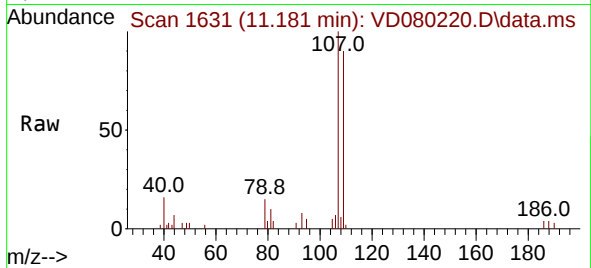




#61
1,2-Dibromoethane
Concen: 10.246 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

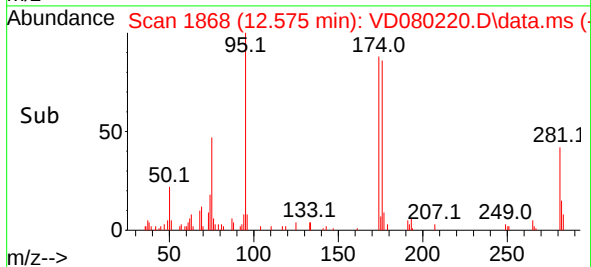
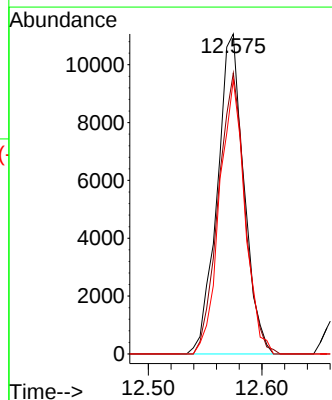
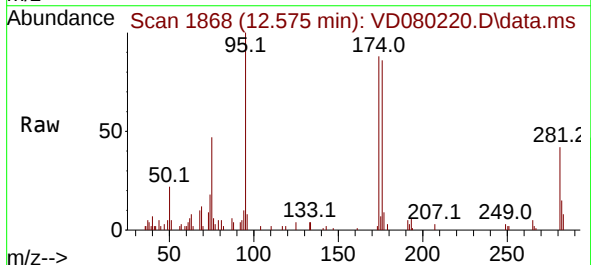
Instrument :
MSVOA_D
ClientSampleId :

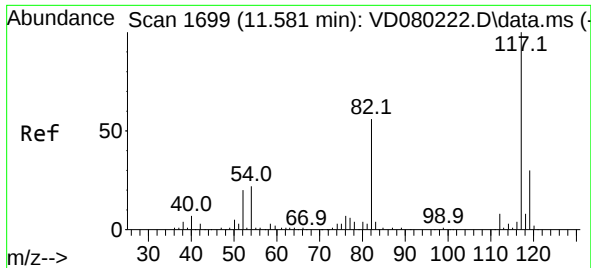
Tgt Ion:107 Resp: 12090
Ion Ratio Lower Upper
107 100
109 92.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 9.565 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 95 Resp: 18038
Ion Ratio Lower Upper
95 100
174 87.6 0.0 171.8
176 81.3 0.0 159.6

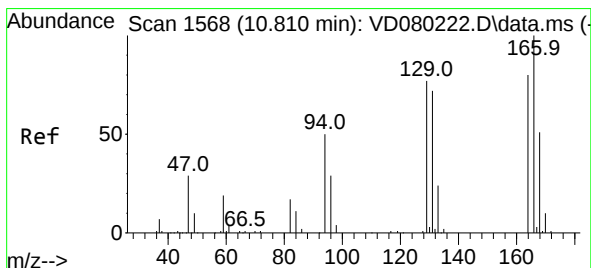
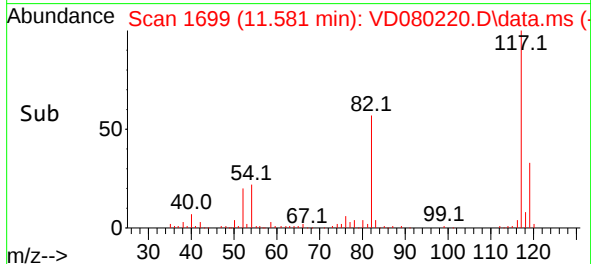
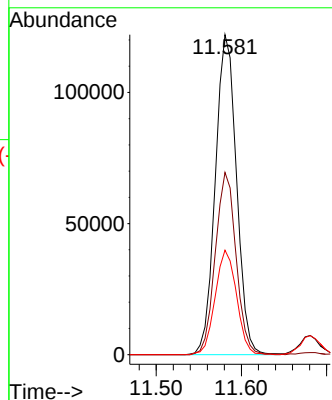
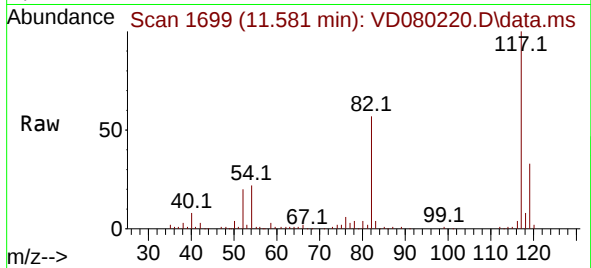




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

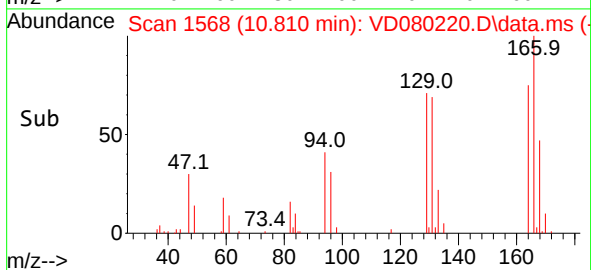
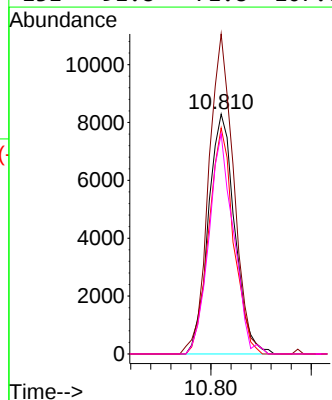
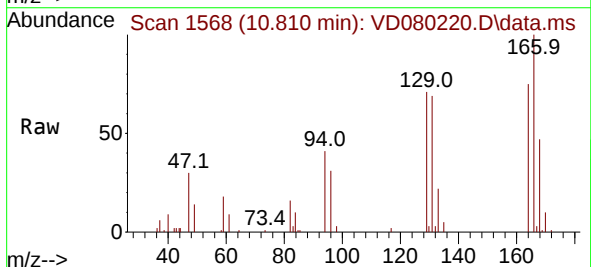
Instrument :
MSVOA_D
ClientSampleId :

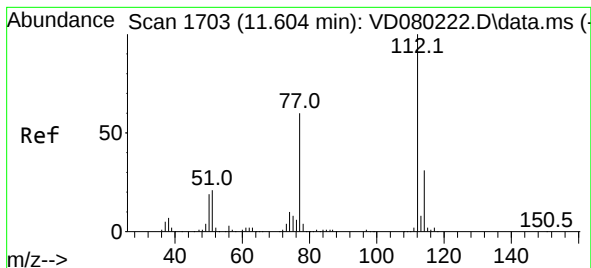
Tgt Ion:117 Resp: 210746
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.6
119 32.6 24.3 36.5



#64
Tetrachloroethene
Concen: 10.255 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:164 Resp: 15097
Ion Ratio Lower Upper
164 100
166 133.4 99.4 149.2
129 94.2 76.3 114.5
131 91.8 71.8 107.6





#65

Chlorobenzene

Concen: 10.088 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

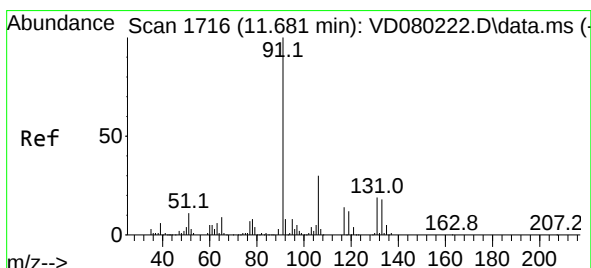
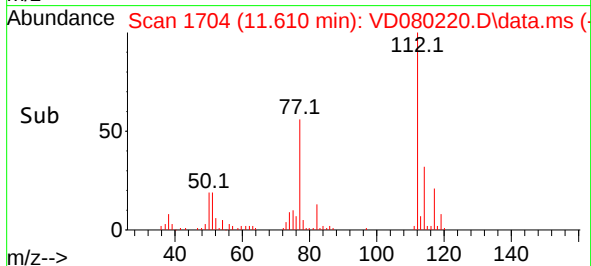
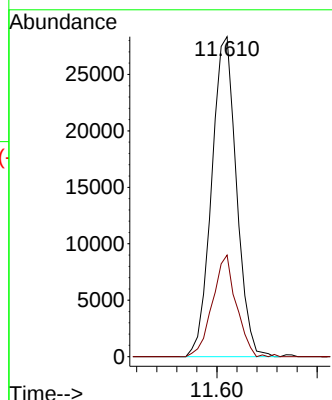
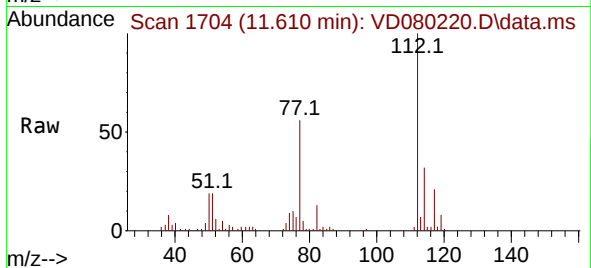
ClientSampleId :

Tgt Ion:112 Resp: 48732

Ion Ratio Lower Upper

112 100

114 31.7 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 10.098 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

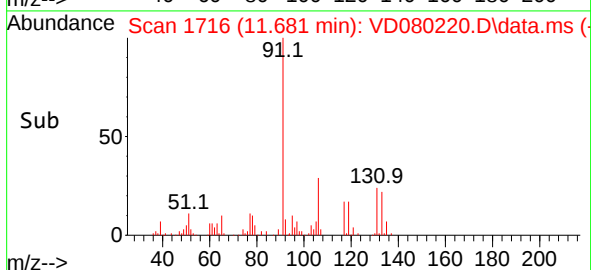
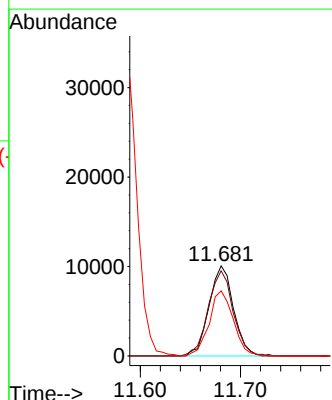
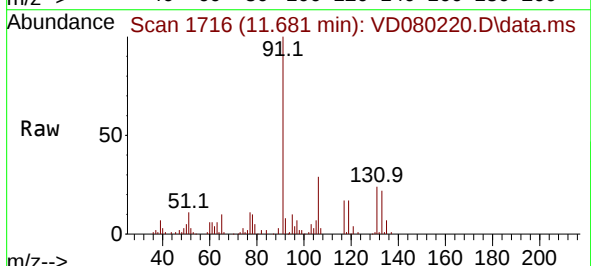
Tgt Ion:131 Resp: 17065

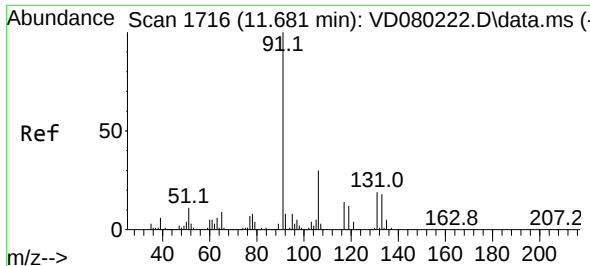
Ion Ratio Lower Upper

131 100

133 96.8 45.9 137.7

119 71.1 33.9 101.6

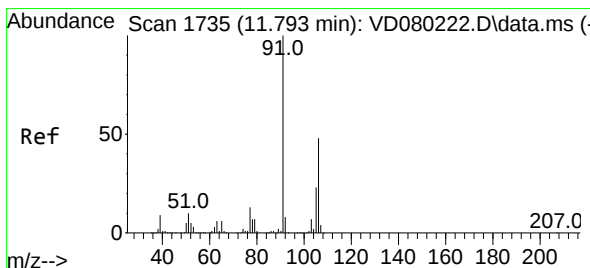
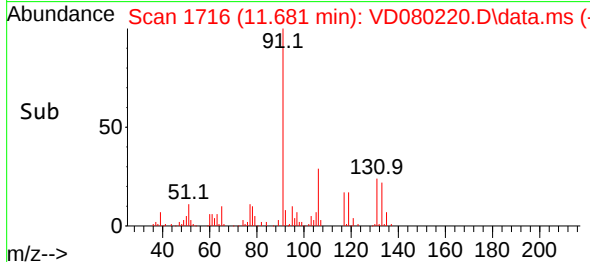
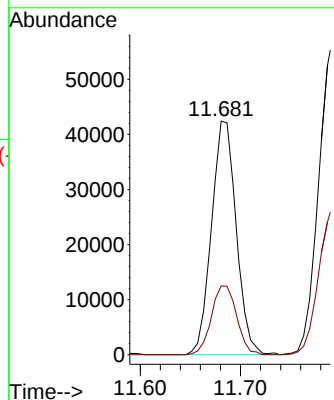
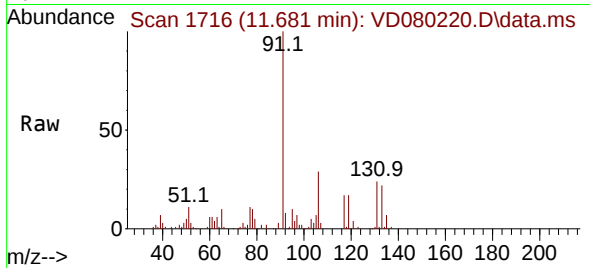




#67
Ethyl Benzene
Concen: 9.046 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

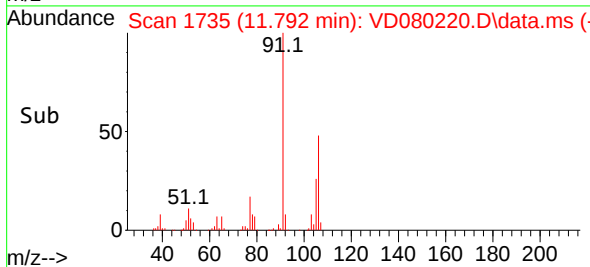
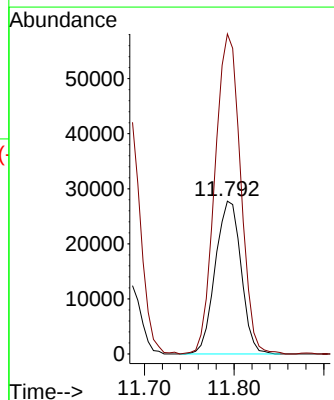
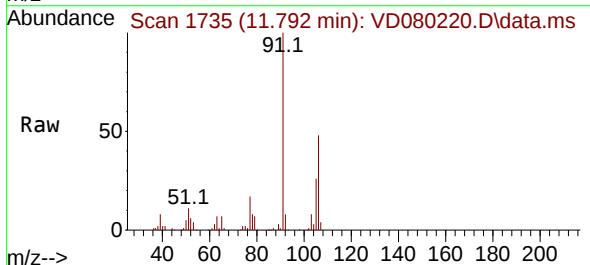
Instrument :
MSVOA_D
ClientSampleId :

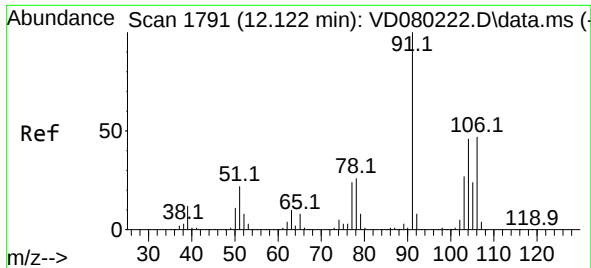
Tgt Ion: 91 Resp: 72692
Ion Ratio Lower Upper
91 100
106 29.4 23.9 35.9



#68
m/p-Xylenes
Concen: 17.759 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:106 Resp: 55402
Ion Ratio Lower Upper
106 100
91 208.1 165.8 248.8

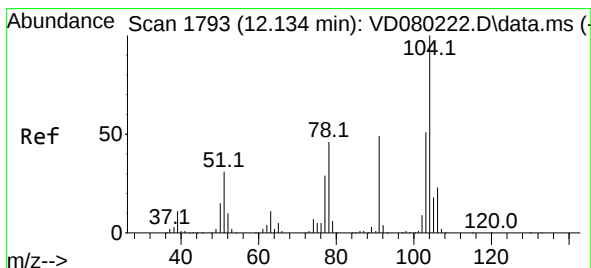
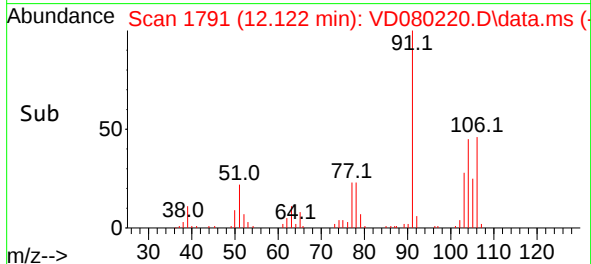
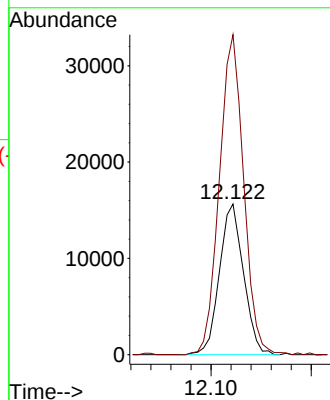
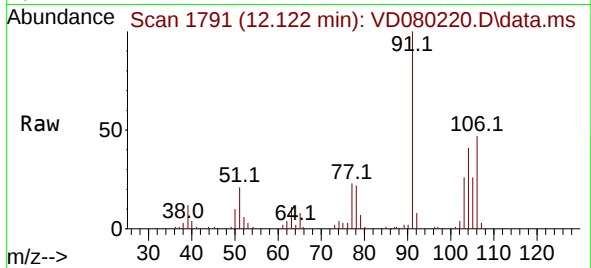




#69
o-Xylene
Concen: 9.144 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

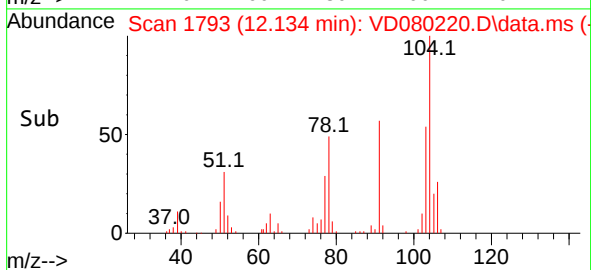
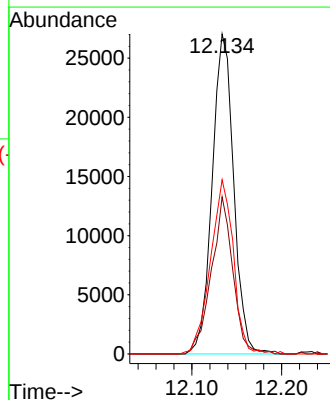
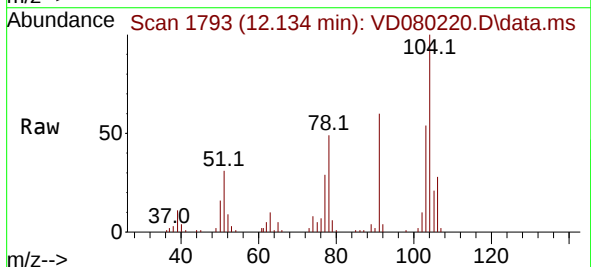
Instrument :
MSVOA_D
ClientSampleId :

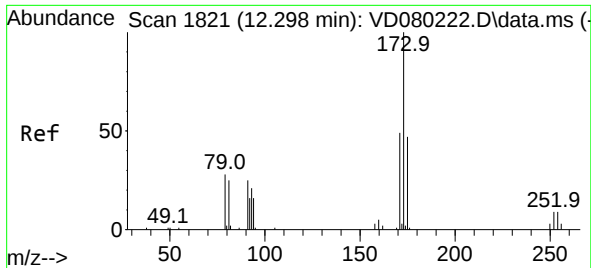
Tgt Ion:106 Resp: 26014
Ion Ratio Lower Upper
106 100
91 214.6 107.7 323.3



#70
Styrene
Concen: 8.892 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:104 Resp: 45028
Ion Ratio Lower Upper
104 100
78 49.3 40.7 61.1
103 58.5 45.0 67.4

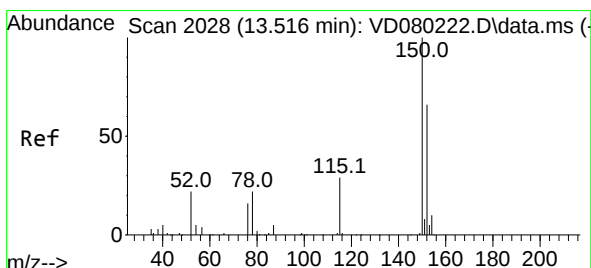
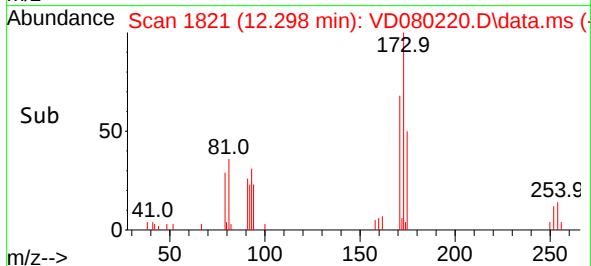
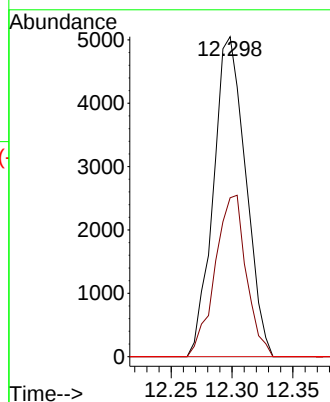
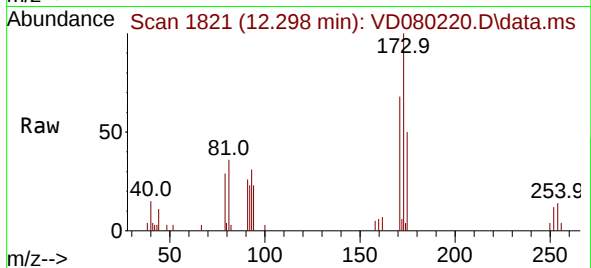




#71
Bromoform
Concen: 9.350 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

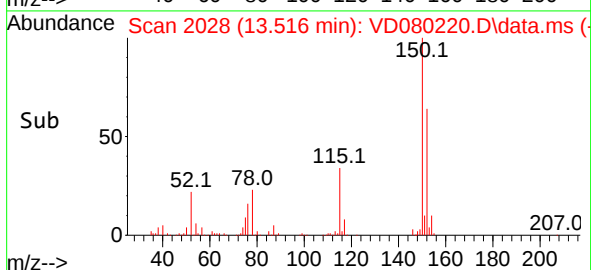
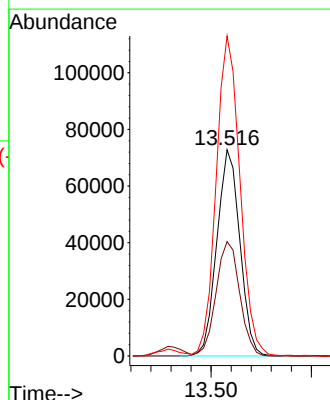
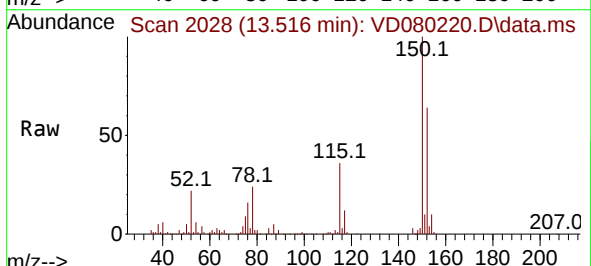
Instrument :
MSVOA_D
ClientSampleId :

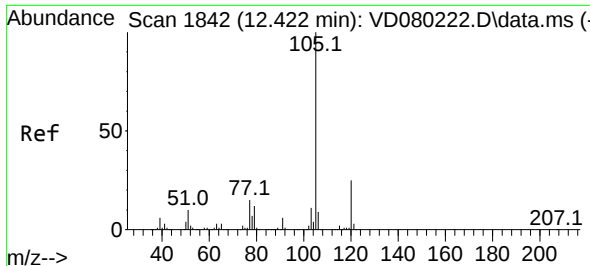
Tgt Ion:173 Resp: 9315
Ion Ratio Lower Upper
173 100
175 48.8 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:152 Resp: 115886
Ion Ratio Lower Upper
152 100
115 57.1 30.0 90.1
150 160.4 0.0 350.4

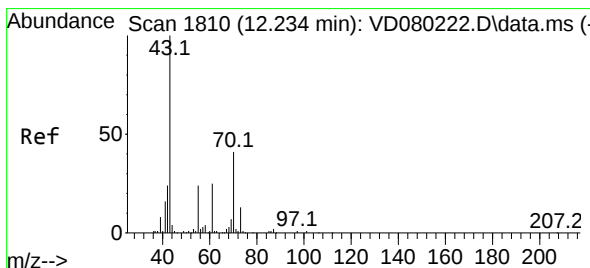
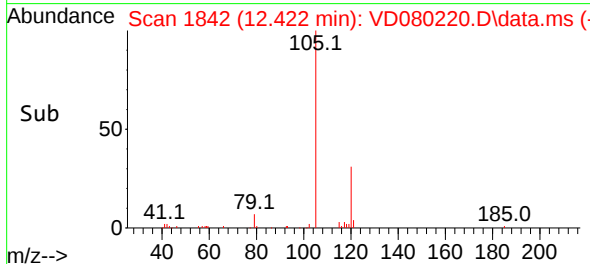
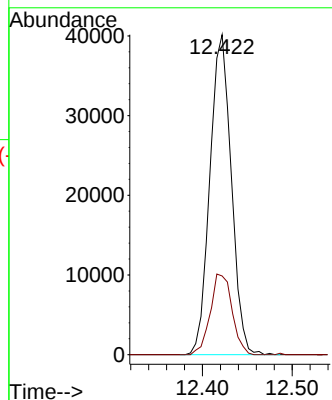
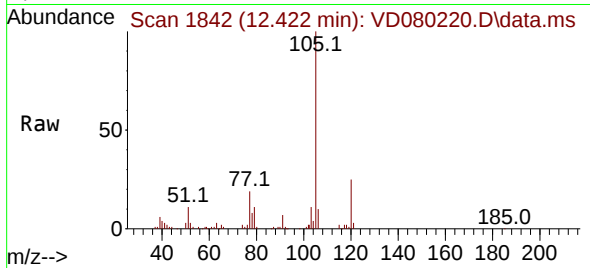




#73
Isopropylbenzene
Concen: 8.480 ug/l
RT: 12.422 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

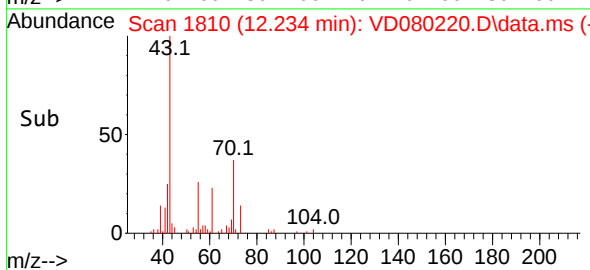
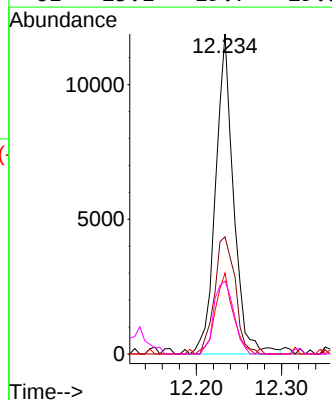
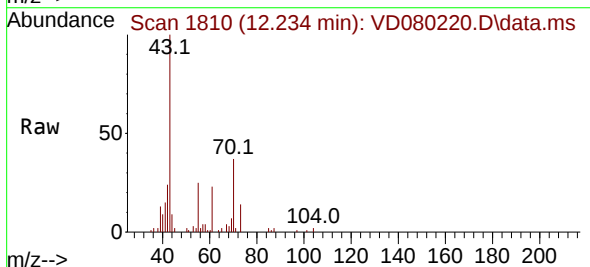
Instrument :
MSVOA_D
ClientSampleId :

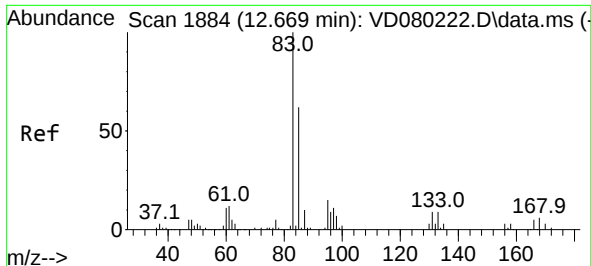
Tgt Ion:105 Resp: 66469
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 8.508 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 43 Resp: 17530
Ion Ratio Lower Upper
43 100
70 41.7 33.6 50.4
55 25.2 21.4 32.0
61 25.1 19.7 29.5

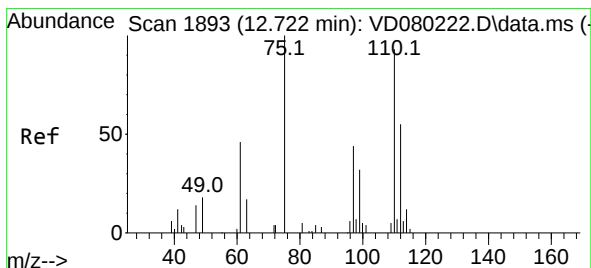
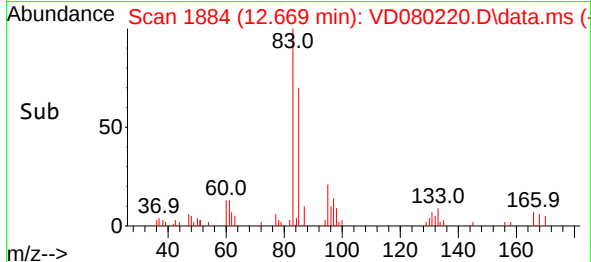
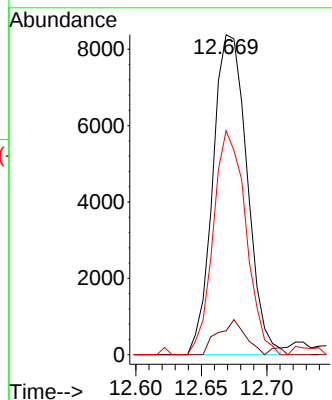
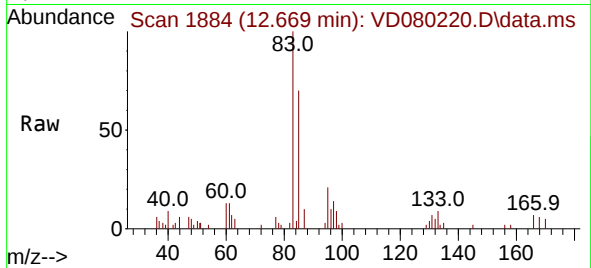




#75
 1,1,2,2-Tetrachloroethane
 Concen: 9.327 ug/l
 RT: 12.669 min Scan# 1884
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

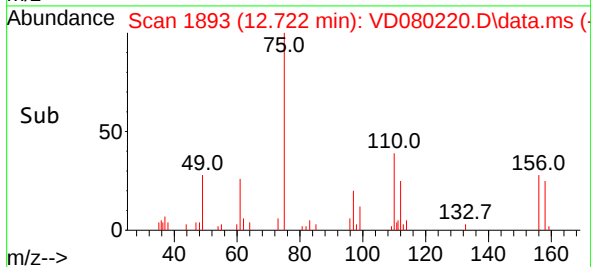
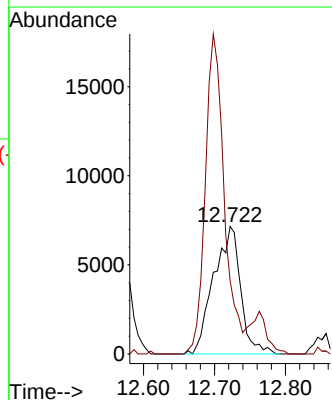
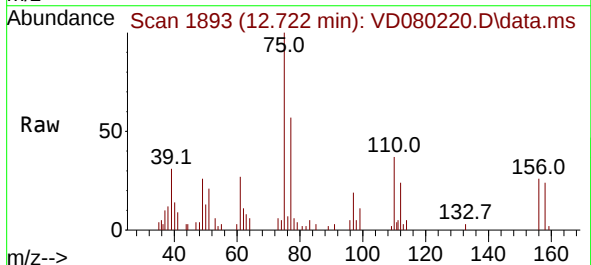
Instrument :
 MSVOA_D
 ClientSampleId :

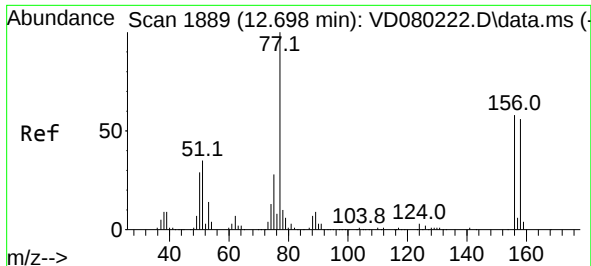
Tgt Ion: 83 Resp: 15213
 Ion Ratio Lower Upper
 83 100
 131 8.8 4.9 14.6
 85 66.7 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 16.084 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Tgt Ion: 75 Resp: 18853
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

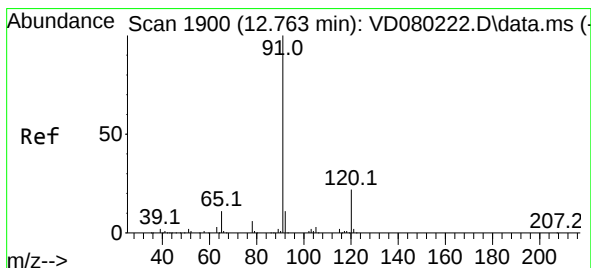
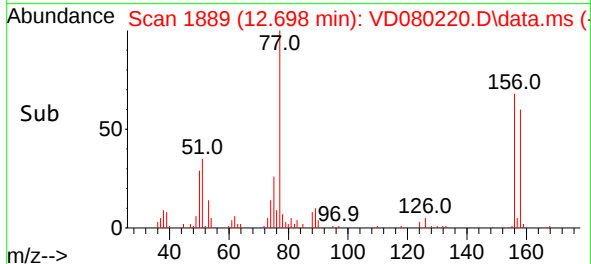
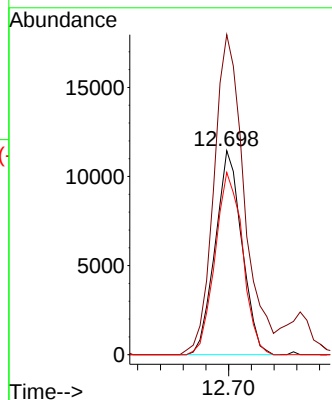
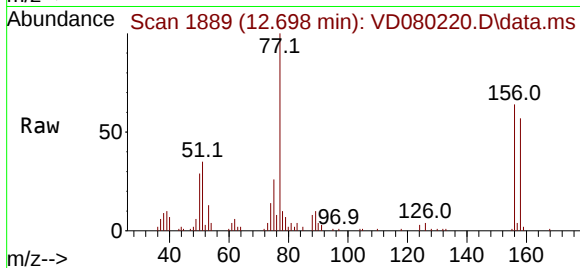




#77
Bromobenzene
Concen: 9.259 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

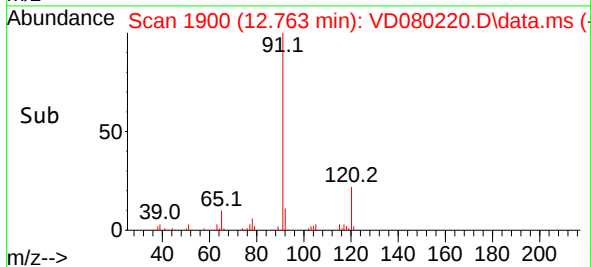
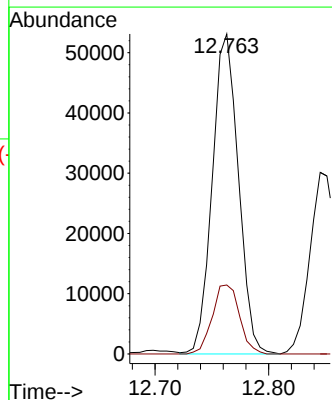
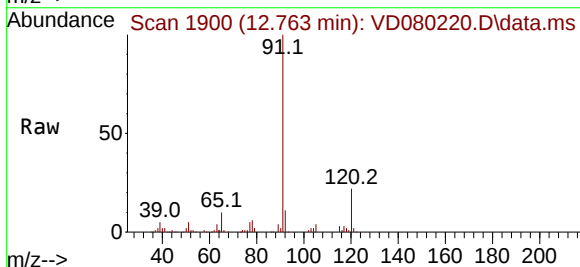
Instrument :
MSVOA_D
ClientSampleId :

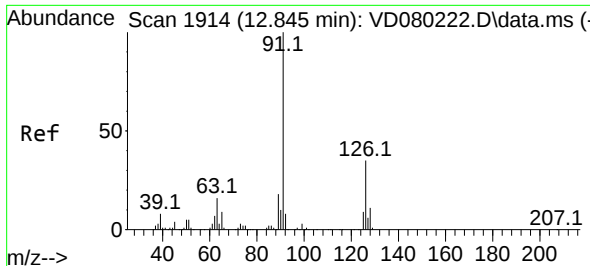
Tgt Ion:156 Resp: 18720
Ion Ratio Lower Upper
156 100
77 177.8 95.2 285.4
158 92.1 47.8 143.3



#78
n-propylbenzene
Concen: 8.500 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 91 Resp: 84826
Ion Ratio Lower Upper
91 100
120 22.4 11.0 33.0

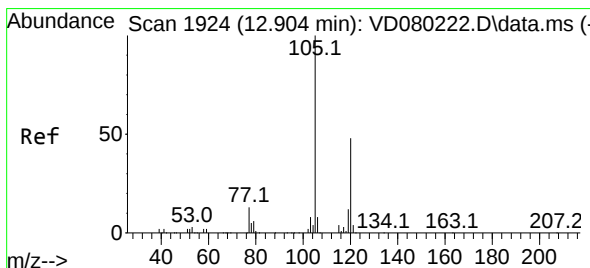
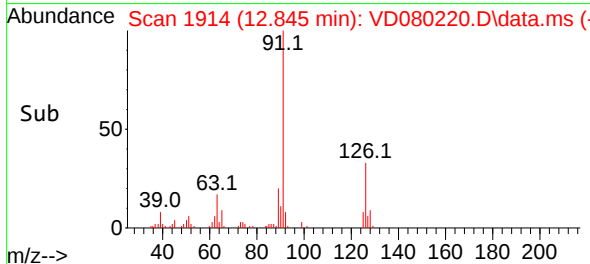
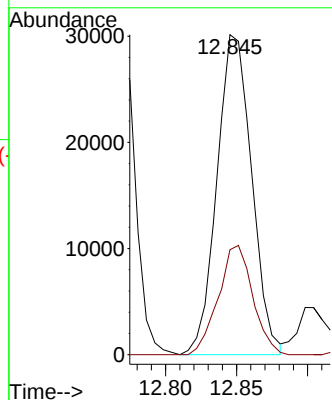
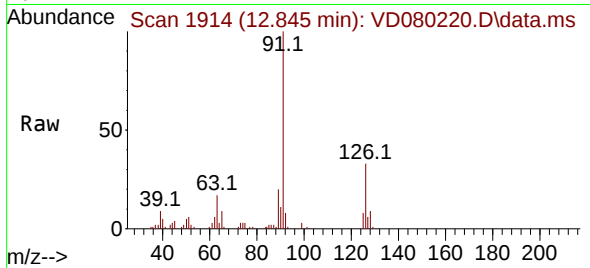




#79
2-Chlorotoluene
Concen: 9.053 ug/l
RT: 12.845 min Scan# 1914
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

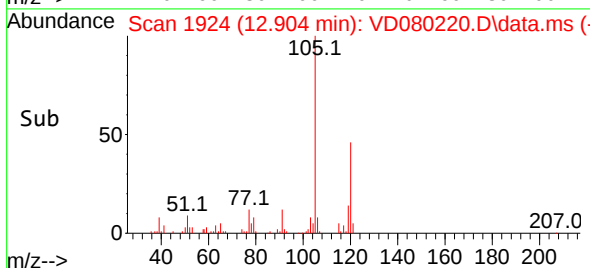
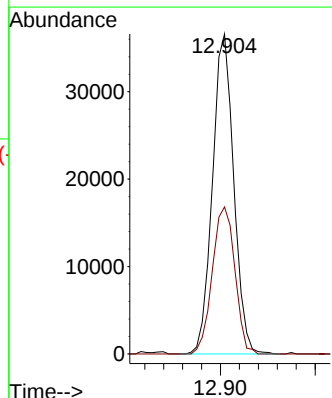
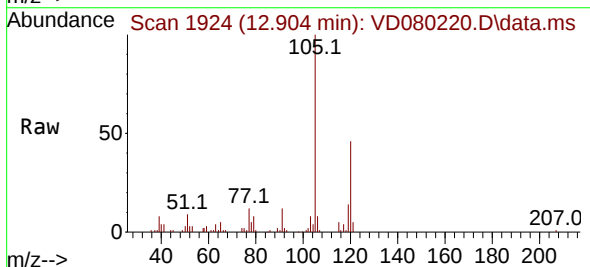
Instrument :
MSVOA_D
ClientSampleId :

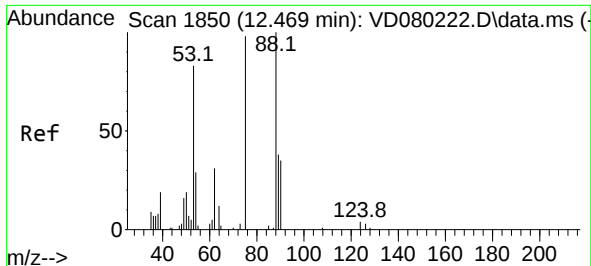
Tgt Ion: 91 Resp: 51327
Ion Ratio Lower Upper
91 100
126 33.8 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 8.703 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 105 Resp: 57051
Ion Ratio Lower Upper
105 100
120 48.8 23.5 70.5

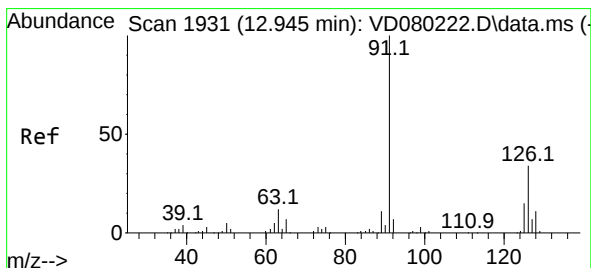
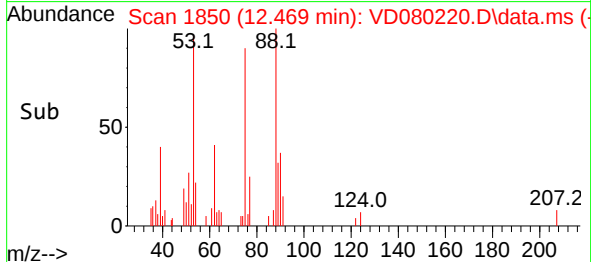
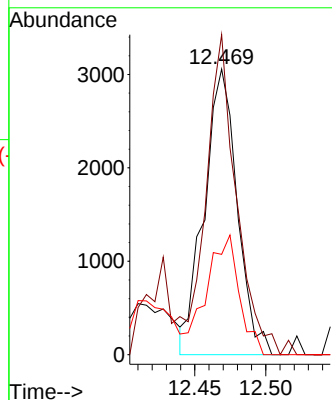
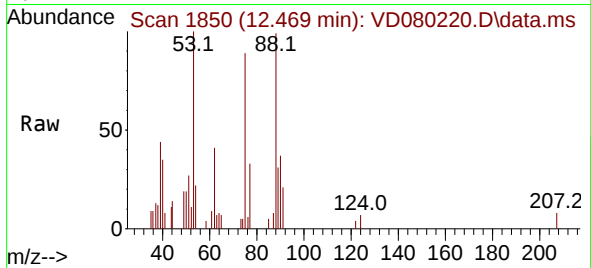




#81
trans-1,4-Dichloro-2-butene
Concen: 8.609 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

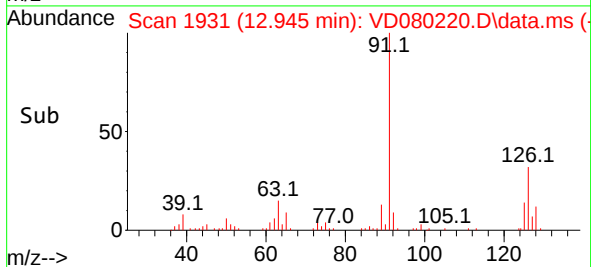
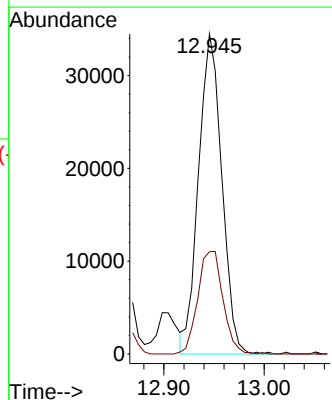
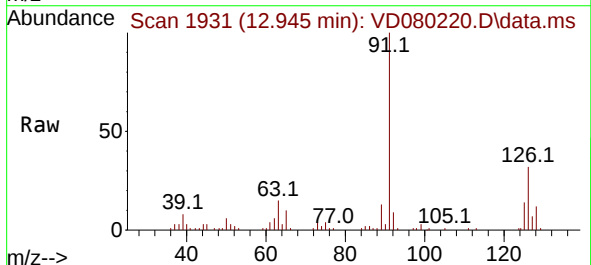
Instrument :
MSVOA_D
ClientSampleId :

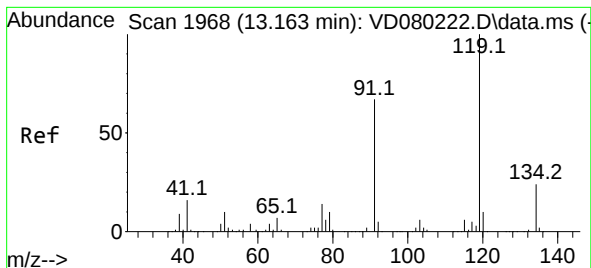
Tgt Ion: 75 Resp: 4935
Ion Ratio Lower Upper
75 100
53 101.0 69.1 103.7
89 42.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 9.234 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 91 Resp: 55636
Ion Ratio Lower Upper
91 100
126 34.8 16.9 50.6

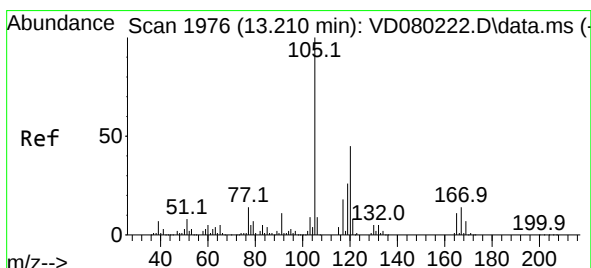
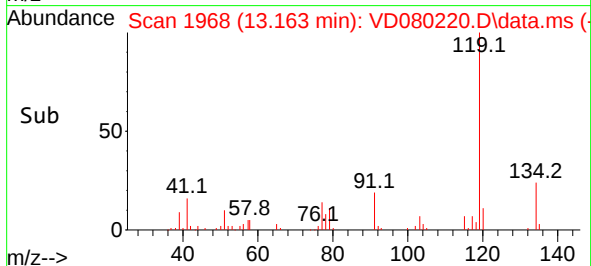
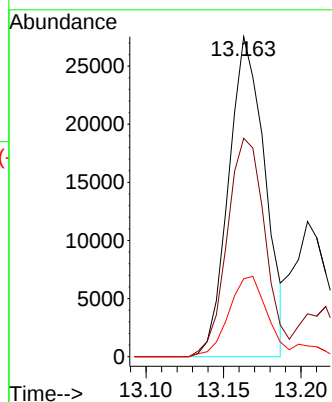
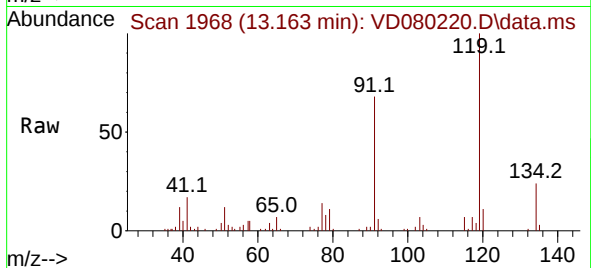




#83
tert-Butylbenzene
Concen: 8.382 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

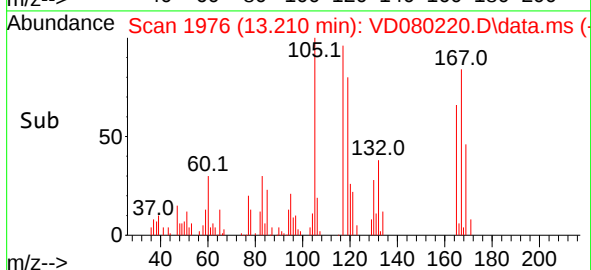
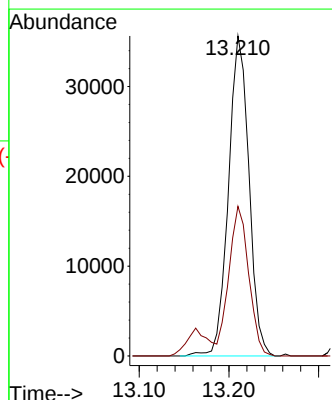
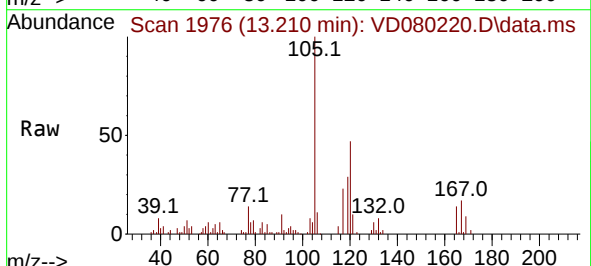
Instrument :
MSVOA_D
ClientSampleId :

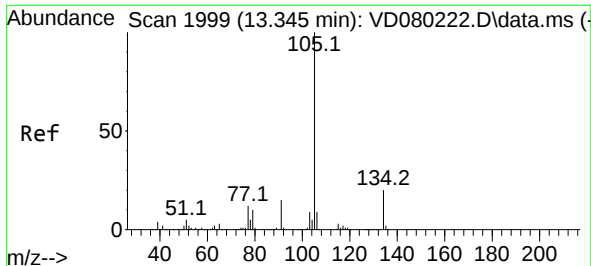
Tgt Ion:119 Resp: 44922
Ion Ratio Lower Upper
119 100
91 71.4 34.5 103.5
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 8.469 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion:105 Resp: 56511
Ion Ratio Lower Upper
105 100
120 45.1 22.1 66.5

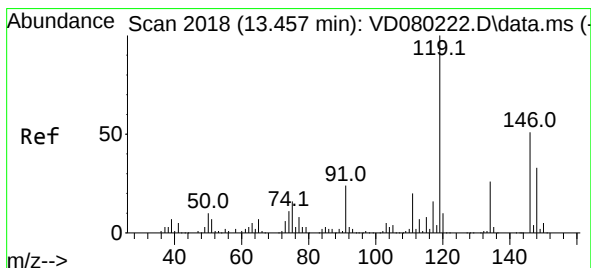
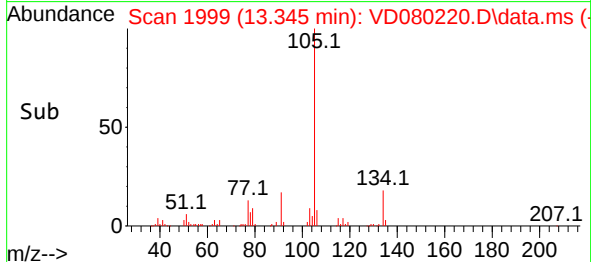
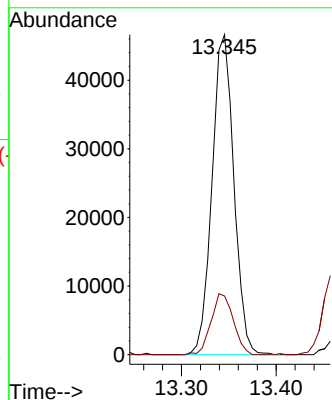
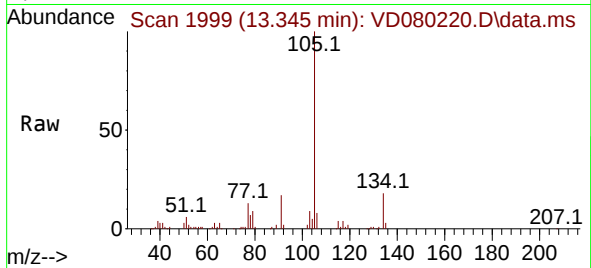




#85
 sec-Butylbenzene
 Concen: 9.112 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

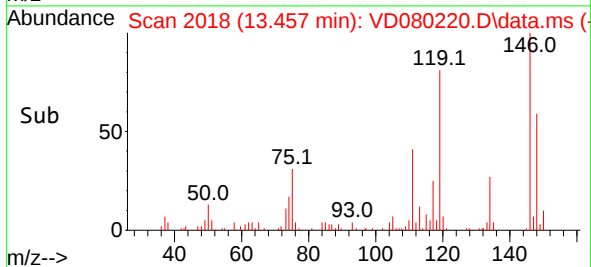
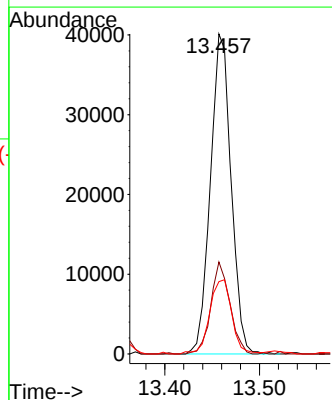
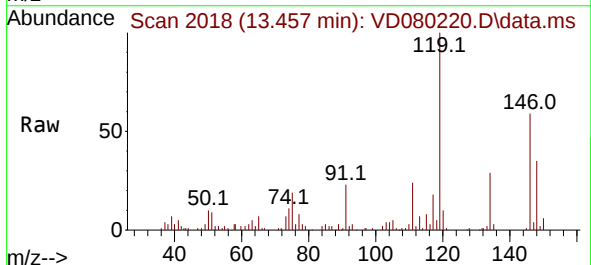
Instrument :
 MSVOA_D
 ClientSampleId :

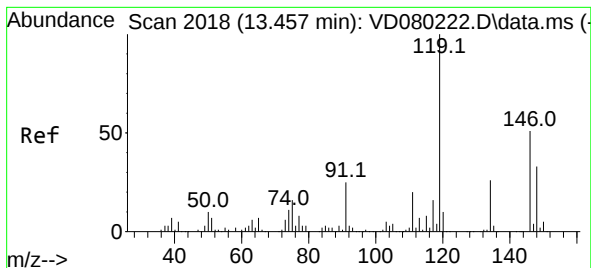
Tgt Ion:105 Resp: 74667
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 8.722 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

Tgt Ion:119 Resp: 61023
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.9
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 9.460 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

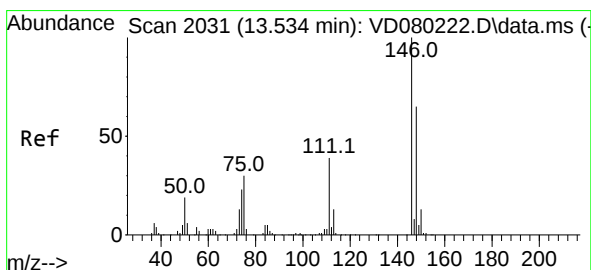
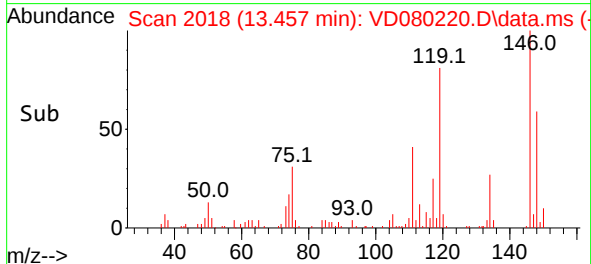
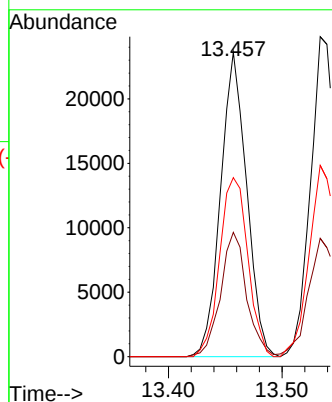
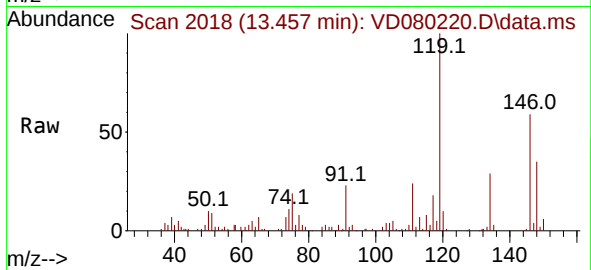
Tgt Ion:146 Resp: 37674

Ion Ratio Lower Upper

146 100

111 40.9 20.5 61.6

148 63.7 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 9.981 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.000 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

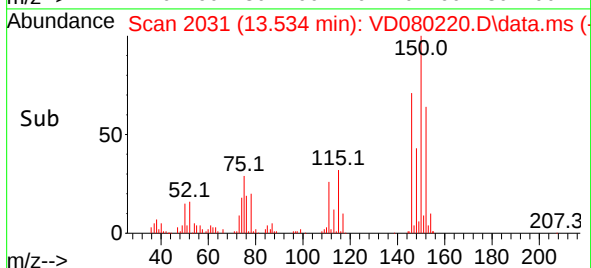
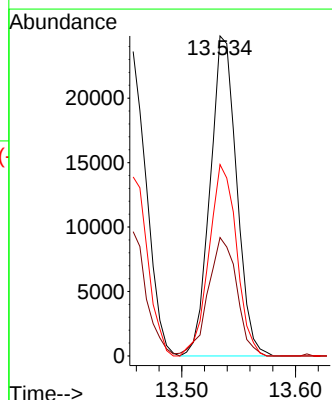
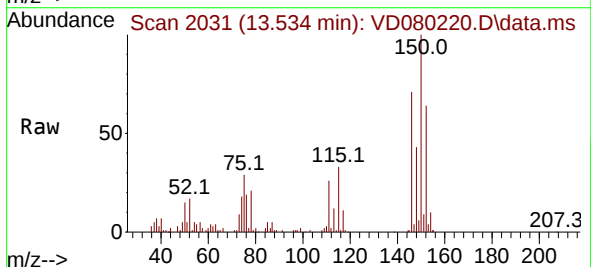
Tgt Ion:146 Resp: 40228

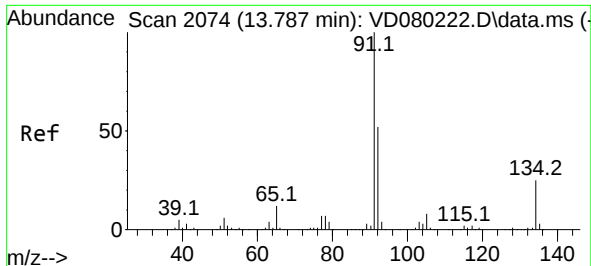
Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 62.3 32.3 96.8

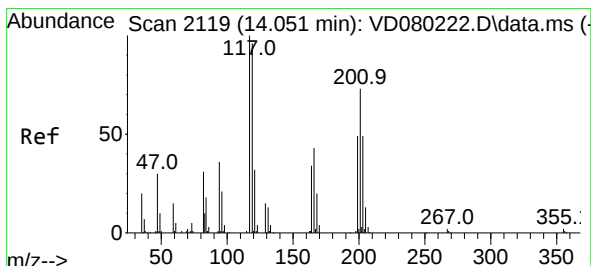
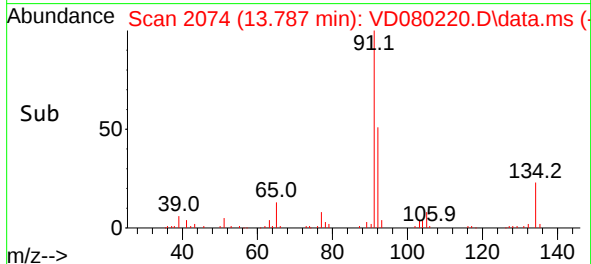
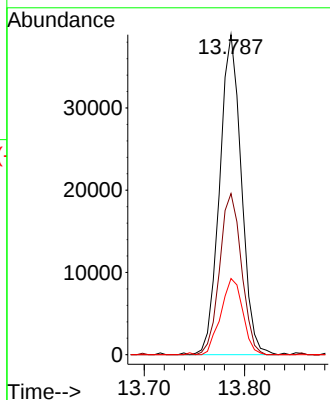
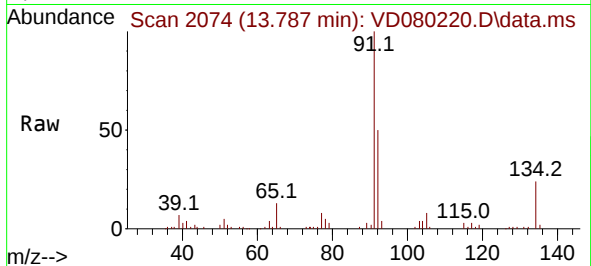




#89
n-Butylbenzene
Concen: 8.603 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

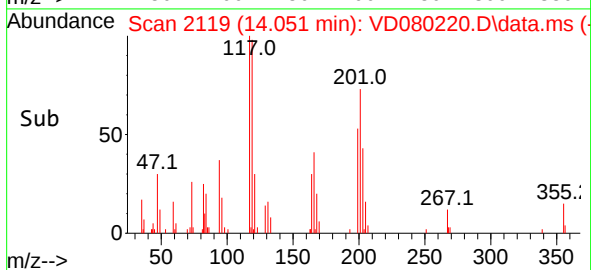
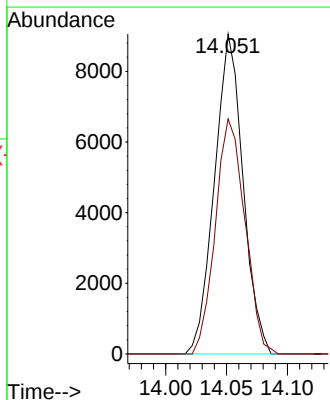
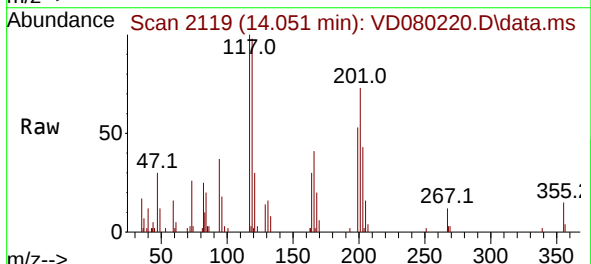
Instrument :
MSVOA_D
ClientSampleId :

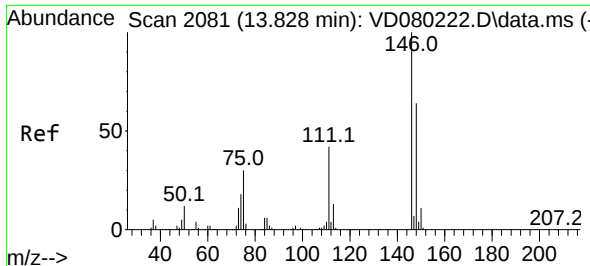
Tgt Ion: 91 Resp: 58489
Ion Ratio Lower Upper
91 100
92 50.6 26.1 78.2
134 24.1 12.4 37.0



#90
Hexachloroethane
Concen: 9.514 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

Tgt Ion: 117 Resp: 14795
Ion Ratio Lower Upper
117 100
201 76.1 36.0 108.0

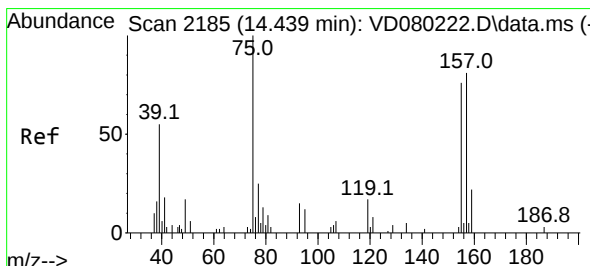
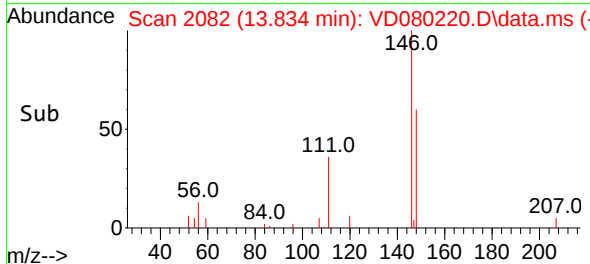
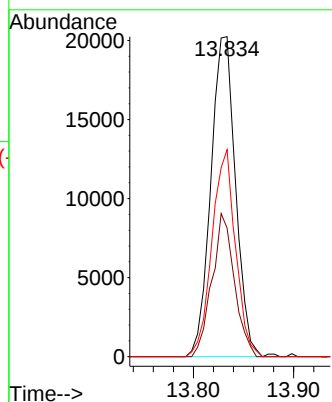
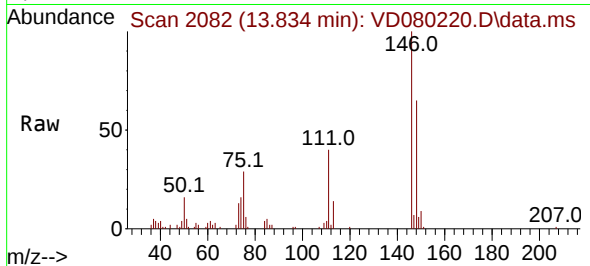




#91
1,2-Dichlorobenzene
Concen: 9.905 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

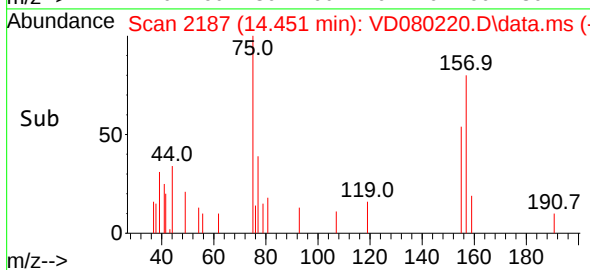
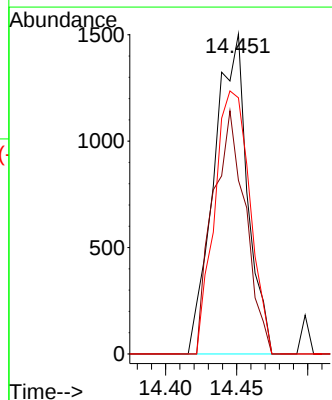
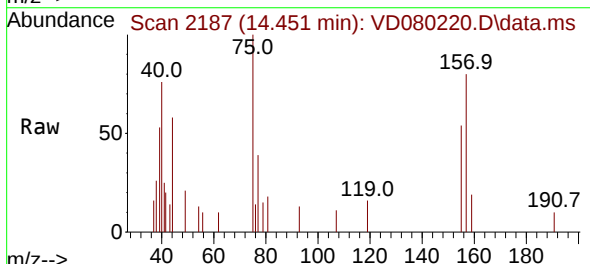
Instrument :
MSVOA_D
ClientSampleId :

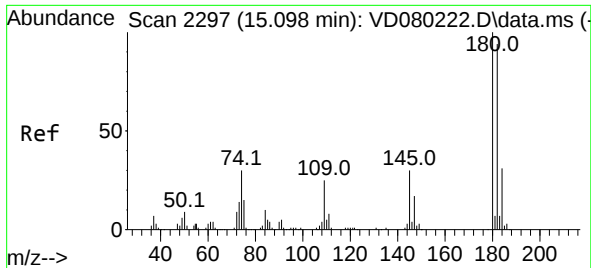
Tgt Ion:146 Resp: 34756
Ion Ratio Lower Upper
146 100
111 40.4 21.0 63.0
148 61.5 32.5 97.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.510 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080220.D
Acq: 03 Feb 2025 10:54

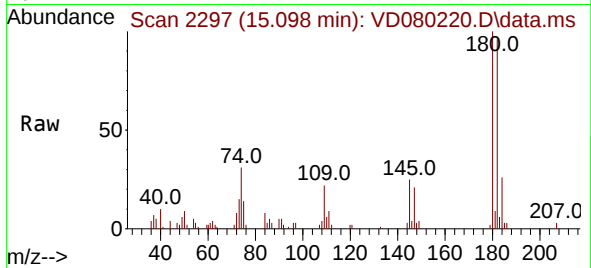
Tgt Ion: 75 Resp: 2468
Ion Ratio Lower Upper
75 100
155 73.9 41.5 124.6
157 86.9 50.5 151.5



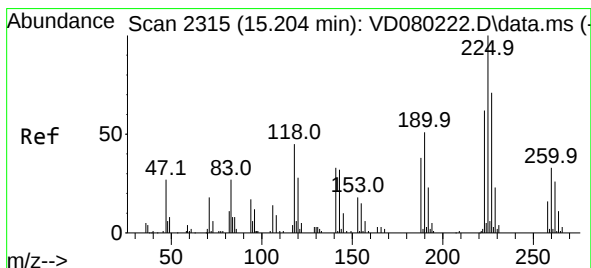
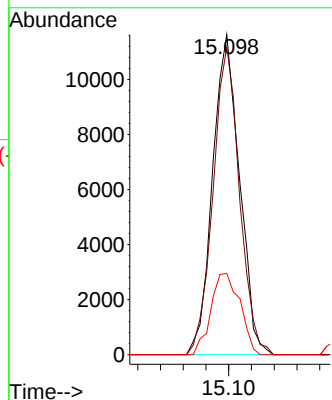
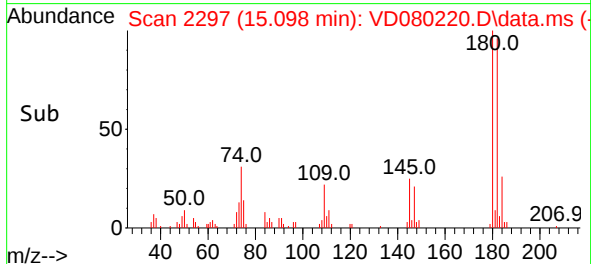


#93
 1,2,4-Trichlorobenzene
 Concen: 8.554 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54

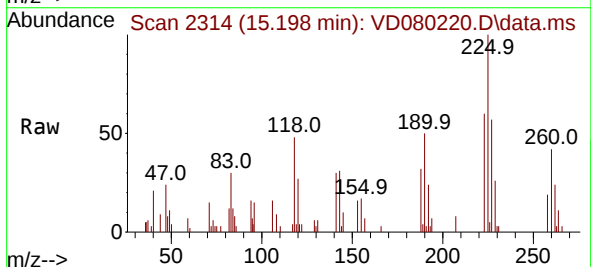
Instrument :
 MSVOA_D
 ClientSampleId :



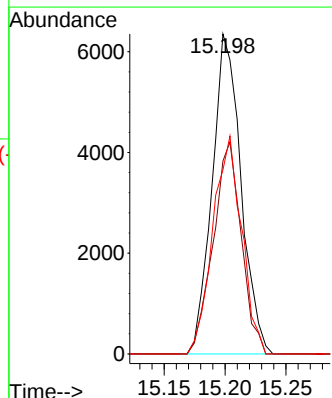
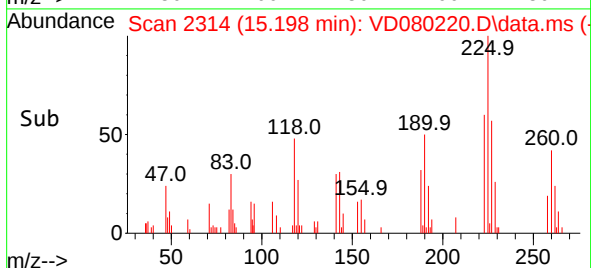
Tgt Ion:180 Resp: 19133
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.5 142.5
 145 27.4 14.6 44.0

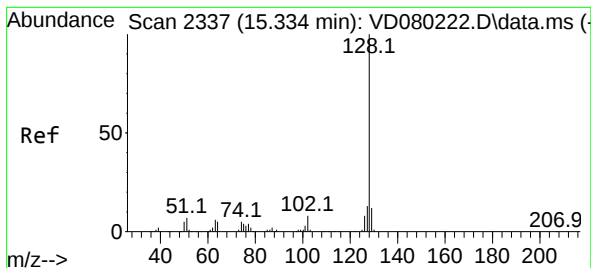


#94
 Hexachlorobutadiene
 Concen: 8.638 ug/l
 RT: 15.198 min Scan# 2314
 Delta R.T. -0.006 min
 Lab File: VD080220.D
 Acq: 03 Feb 2025 10:54



Tgt Ion:225 Resp: 10464
 Ion Ratio Lower Upper
 225 100
 223 64.7 31.3 93.8
 227 68.1 32.4 97.2





#95

Naphthalene

Concen: 9.107 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. -0.001 min

Lab File: VD080220.D

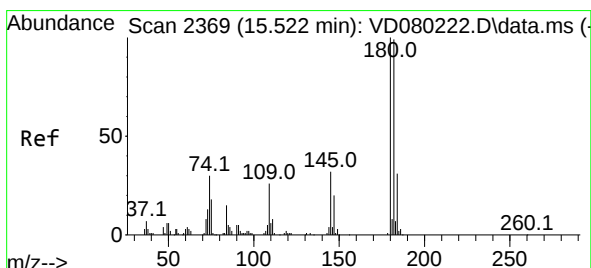
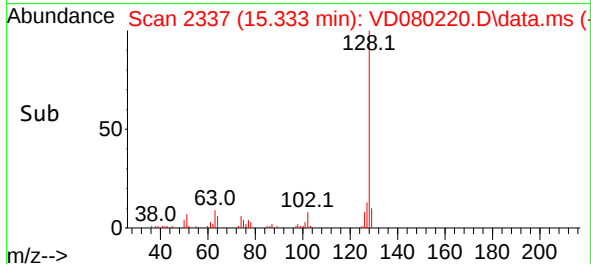
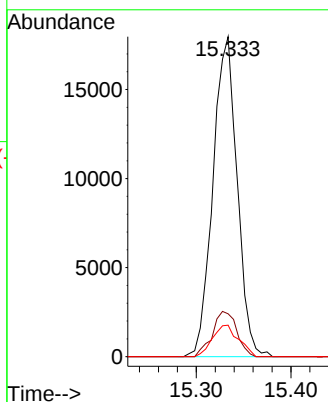
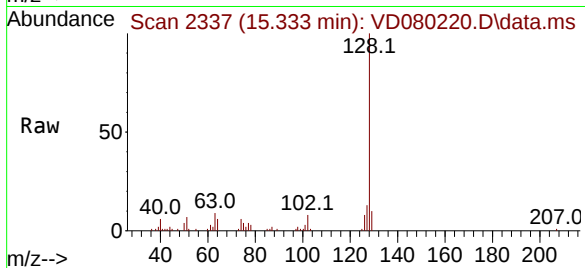
Acq: 03 Feb 2025 10:54

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128	Resp:	31944
Ion	Ratio	Lower Upper
128	100	
127	13.4	10.6 15.8
129	9.8	9.4 14.0



#96

1,2,3-Trichlorobenzene

Concen: 8.656 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD080220.D

Acq: 03 Feb 2025 10:54

Tgt Ion:180	Resp:	17473
Ion	Ratio	Lower Upper
180	100	
182	93.8	47.3 142.0
145	31.7	15.6 46.7

