

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080228.D
 Acq On : 03 Feb 2025 16:05
 Operator : RP/MD
 Sample : VD0203SBS01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 02:10:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 02:06:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	116695	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	211546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	193335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	69078	45.507	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.805	113	65513	43.696	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	87.400%
50) Toluene-d8	10.269	98	291361	52.403	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	104.800%
62) 4-Bromofluorobenzene	12.575	95	93022	52.143	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.280%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	34244	27.785	ug/l	94
3) Chloromethane	2.152	50	58446	24.043	ug/l	94
4) Vinyl Chloride	2.287	62	68939	23.442	ug/l	99
5) Bromomethane	2.687	94	44094	21.727	ug/l	97
6) Chloroethane	2.834	64	43618	22.268	ug/l	94
7) Trichlorofluoromethane	3.169	101	52369	21.488	ug/l	98
8) Diethyl Ether	3.599	74	12235	18.351	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.969	101	30853	21.870	ug/l	99
10) Methyl Iodide	4.164	142	26172	25.267	ug/l	99
11) Tert butyl alcohol	5.069	59	7260	86.583	ug/l #	93
12) 1,1-Dichloroethene	3.940	96	27943	20.910	ug/l #	73
13) Acrolein	3.799	56	14071	89.000	ug/l	98
14) Allyl chloride	4.558	41	42107	20.446	ug/l	98
15) Acrylonitrile	5.263	53	30613	95.571	ug/l	98
16) Acetone	4.022	43	23914	97.751	ug/l	94
17) Carbon Disulfide	4.275	76	100336	20.818	ug/l	98
18) Methyl Acetate	4.564	43	15060	18.244	ug/l	95
19) Methyl tert-butyl Ether	5.328	73	54906	18.663	ug/l	94
20) Methylene Chloride	4.799	84	31452	18.945	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	31556	20.786	ug/l	89
22) Diisopropyl ether	6.222	45	91138	21.265	ug/l	97
23) Vinyl Acetate	6.158	43	245169	99.084	ug/l	99
24) 1,1-Dichloroethane	6.116	63	56398	20.074	ug/l	95
25) 2-Butanone	7.087	43	32977	86.906	ug/l	96
26) 2,2-Dichloropropane	7.075	77	49970	20.506	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	33517	19.542	ug/l	99
28) Bromochloromethane	7.422	49	27492	21.443	ug/l	100
29) Tetrahydrofuran	7.446	42	22232	89.452	ug/l	98
30) Chloroform	7.599	83	57996	20.191	ug/l	99
31) Cyclohexane	7.875	56	44742	19.894	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	50762	21.123	ug/l	97
36) 1,1-Dichloropropene	8.010	75	40816	19.007	ug/l	99
37) Ethyl Acetate	7.175	43	17097	16.236	ug/l	95
38) Carbon Tetrachloride	7.993	117	43354	19.328	ug/l	87
39) Methylcyclohexane	9.275	83	48737	20.890	ug/l	94
40) Benzene	8.252	78	120691	17.930	ug/l	99

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9208	15.886	ug/l	90
42) 1,2-Dichloroethane	8.328	62	34018	17.760	ug/l	88
43) Isopropyl Acetate	8.363	43	29742	15.915	ug/l	94
44) Trichloroethene	9.028	130	31982	20.567	ug/l	92
45) 1,2-Dichloropropane	9.304	63	34849	20.583	ug/l	90
46) Dibromomethane	9.393	93	18360	19.464	ug/l	97
47) Bromodichloromethane	9.587	83	47372	19.915	ug/l	96
48) Methyl methacrylate	9.381	41	16302	18.440	ug/l	91
49) 1,4-Dioxane	9.393	88	3510	342.059	ug/l #	71
51) 4-Methyl-2-Pentanone	10.157	43	88780	93.947	ug/l	98
52) Toluene	10.334	92	82820	21.035	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	40232	19.840	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	50642	20.531	ug/l	98
55) 1,1,2-Trichloroethane	10.728	97	23062	18.816	ug/l	87
56) Ethyl methacrylate	10.598	69	25661	18.349	ug/l	93
57) 1,3-Dichloropropane	10.881	76	38891	19.185	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	51362	86.051	ug/l	98
59) 2-Hexanone	10.922	43	56921	91.792	ug/l	99
60) Dibromochloromethane	11.075	129	31045	20.550	ug/l	98
61) 1,2-Dibromoethane	11.175	107	20807	18.641	ug/l	99
64) Tetrachloroethene	10.810	164	28243	20.912	ug/l	98
65) Chlorobenzene	11.610	112	88249	19.913	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	29747	19.188	ug/l	95
67) Ethyl Benzene	11.687	91	147761	20.043	ug/l	98
68) m/p-Xylenes	11.793	106	117524	41.064	ug/l	99
69) o-Xylene	12.122	106	51031	19.553	ug/l	97
70) Styrene	12.134	104	92293	19.867	ug/l	99
71) Bromoform	12.298	173	16331	17.869	ug/l #	94
73) Isopropylbenzene	12.422	105	133722	19.362	ug/l	98
74) N-amyl acetate	12.234	43	33726	18.577	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	27374	19.047	ug/l	97
76) 1,2,3-Trichloropropane	12.728	75	33488	32.508	ug/l #	100
77) Bromobenzene	12.698	156	35098	19.702	ug/l	96
78) n-propylbenzene	12.763	91	175227	19.927	ug/l	99
79) 2-Chlorotoluene	12.851	91	101821	20.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	117491	20.341	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	9792	19.387	ug/l	95
82) 4-Chlorotoluene	12.945	91	110051	20.730	ug/l	99
83) tert-Butylbenzene	13.169	119	96774	20.494	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	118202	20.105	ug/l	99
85) sec-Butylbenzene	13.345	105	151502	20.984	ug/l	100
86) p-Isopropyltoluene	13.463	119	123057	19.961	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	72067	20.539	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	70767	19.926	ug/l	99
89) n-Butylbenzene	13.787	91	116857	19.506	ug/l	100
90) Hexachloroethane	14.051	117	27131	19.802	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	60070	19.429	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	4114	17.992	ug/l	85
93) 1,2,4-Trichlorobenzene	15.098	180	30655	15.554	ug/l	99
94) Hexachlorobutadiene	15.204	225	18193	17.045	ug/l	98
95) Naphthalene	15.334	128	49028	15.982	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	27292	15.345	ug/l	99

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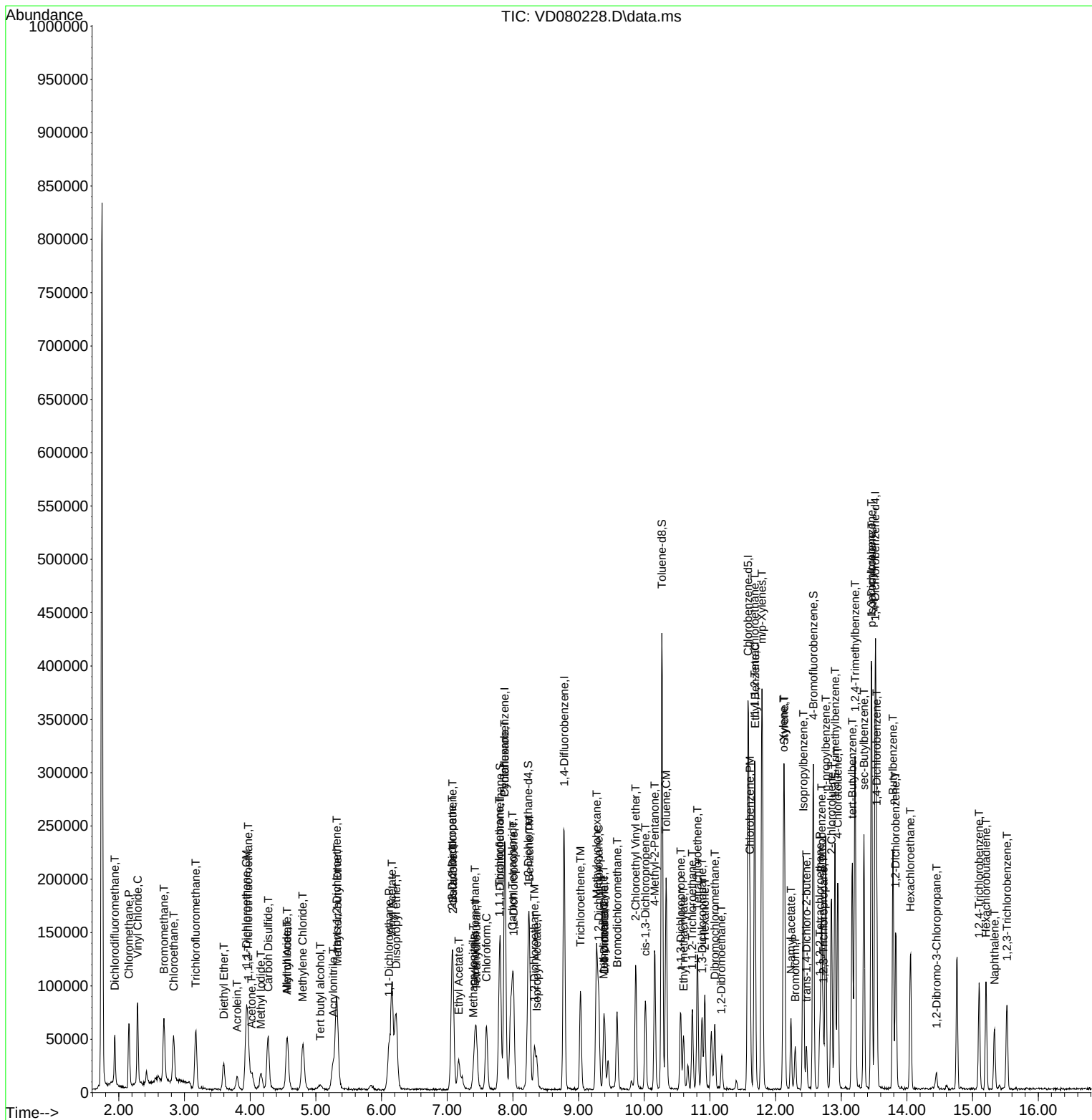
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MSVOA_D
ClientSampleId :

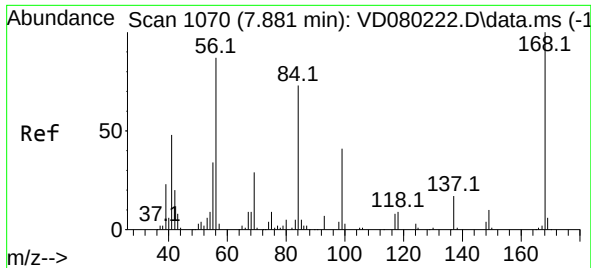
Quant Time: Feb 04 02:10:12 2025
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 02:06:21 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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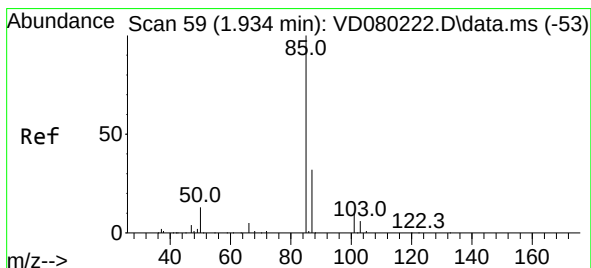
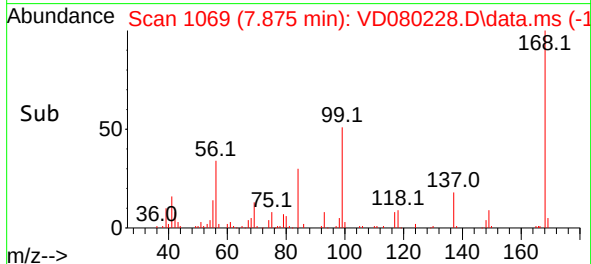
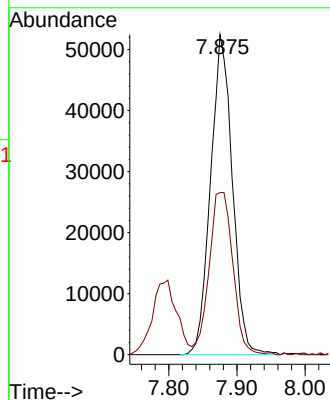
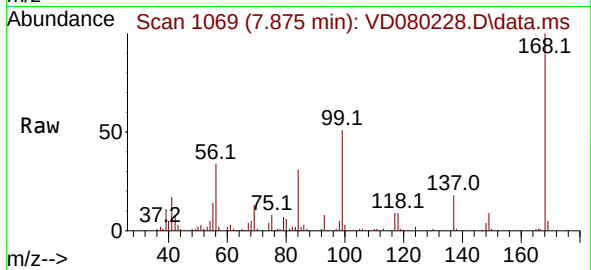




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. -0.006 min
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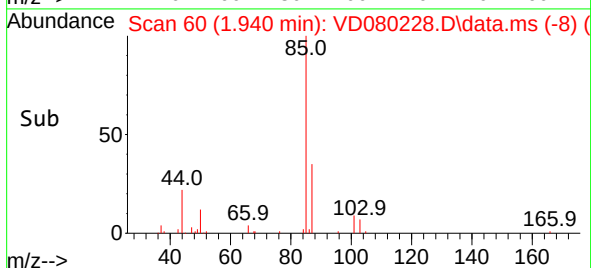
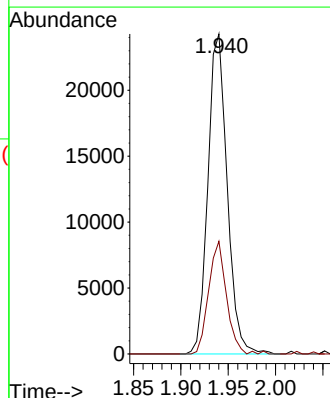
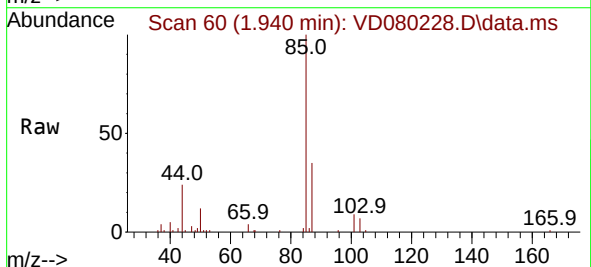
Instrument :
MSVOA_D
ClientSampleId :

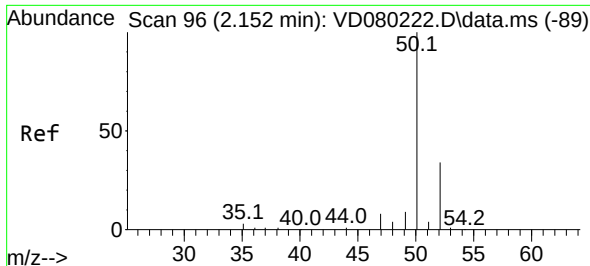
Tgt Ion:168 Resp: 116695
Ion Ratio Lower Upper
168 100
99 50.6 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 27.785 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 85 Resp: 34244
Ion Ratio Lower Upper
85 100
87 35.2 16.0 47.9

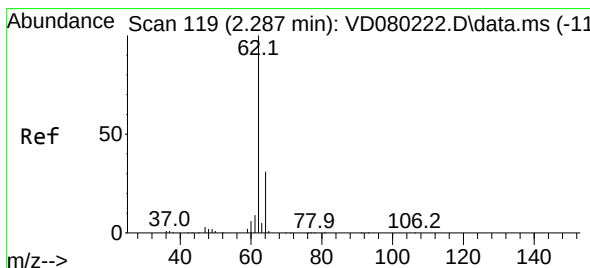
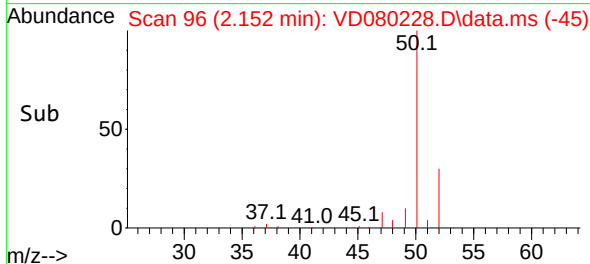
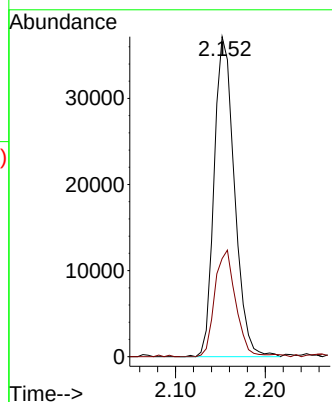
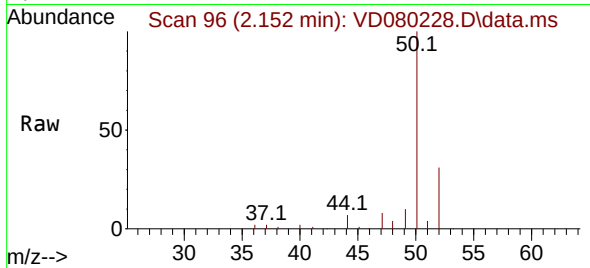




#3
Chloromethane
Concen: 24.043 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

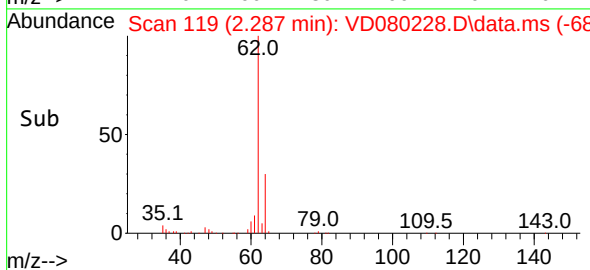
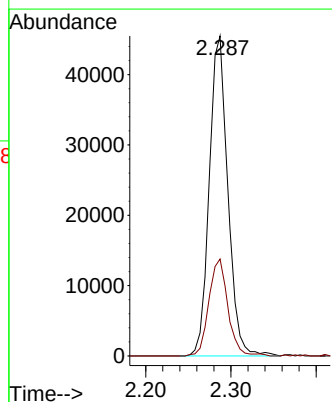
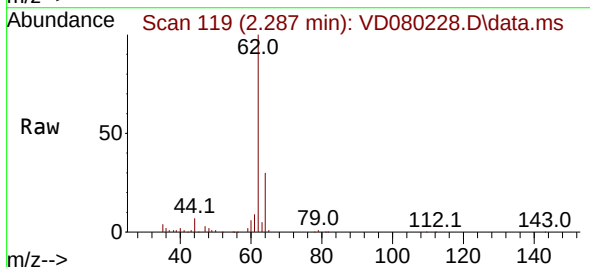
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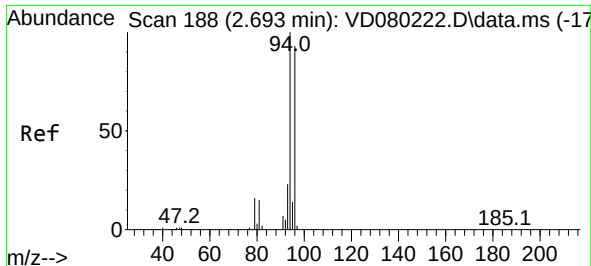
Tgt Ion: 50 Resp: 58446
Ion Ratio Lower Upper
50 100
52 30.7 27.2 40.8



#4
Vinyl Chloride
Concen: 23.442 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 62 Resp: 68939
Ion Ratio Lower Upper
62 100
64 30.3 24.8 37.2

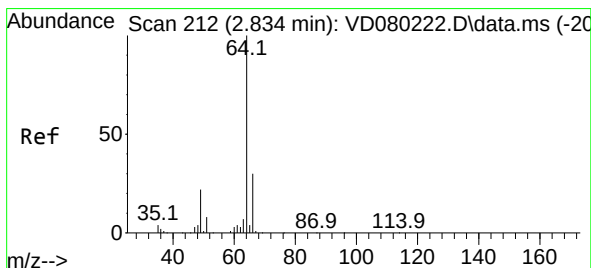
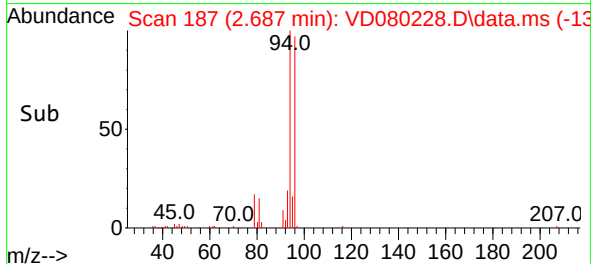
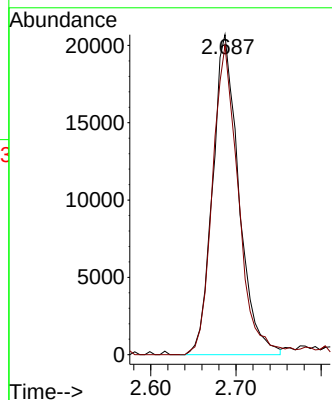
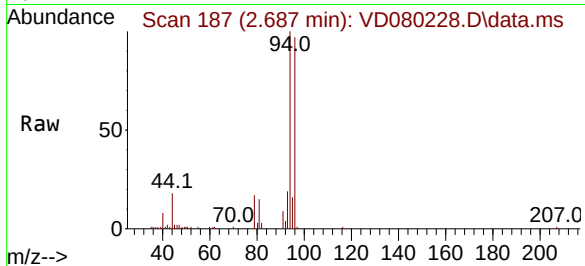




#5
Bromomethane
Concen: 21.727 ug/l
RT: 2.687 min Scan# 188
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

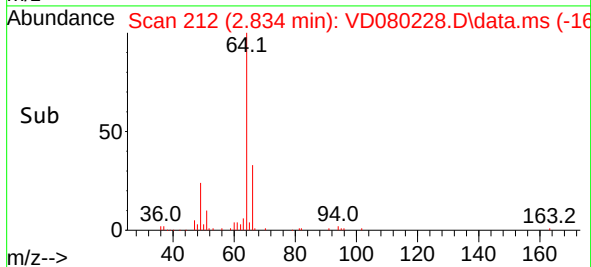
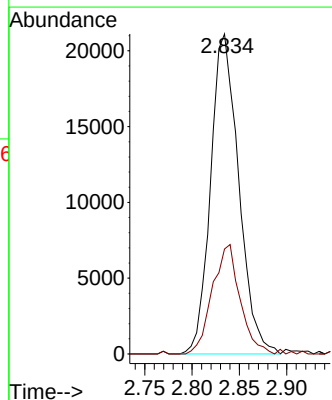
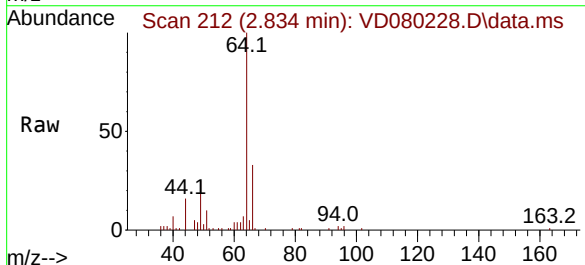
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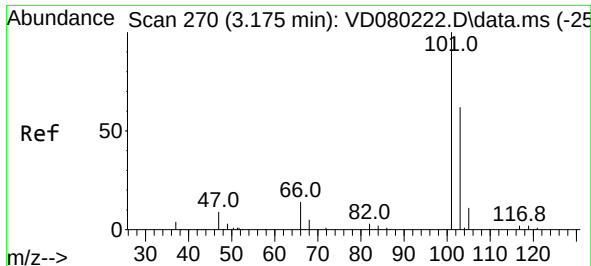
Tgt Ion: 94 Resp: 44094
Ion Ratio Lower Upper
94 100
96 96.2 74.4 111.6



#6
Chloroethane
Concen: 22.268 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 64 Resp: 43618
Ion Ratio Lower Upper
64 100
66 32.8 23.8 35.8

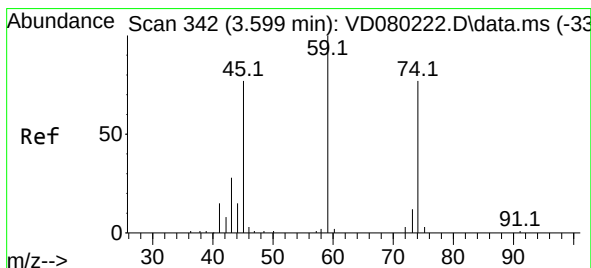
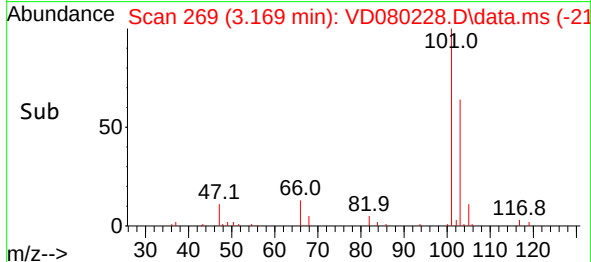
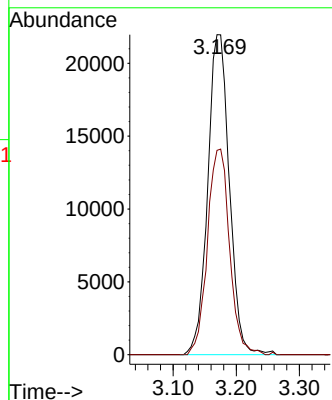
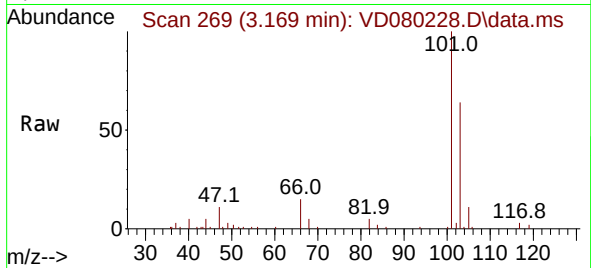




#7
 Trichlorofluoromethane
 Concen: 21.488 ug/l
 RT: 3.169 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

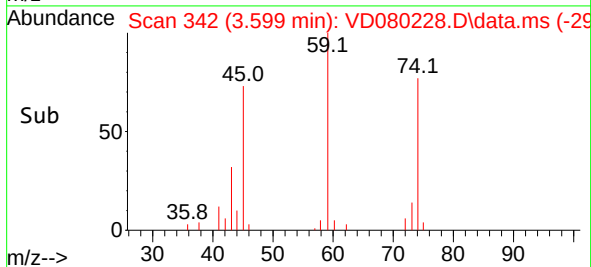
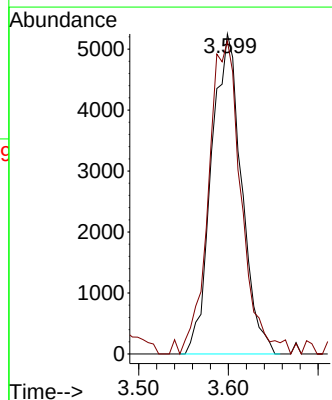
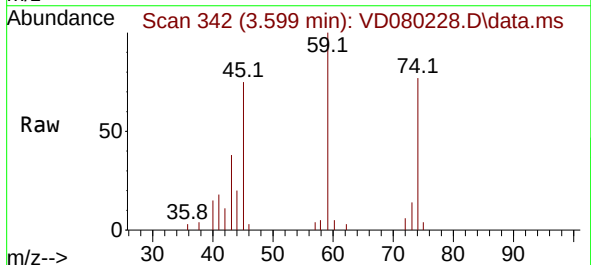
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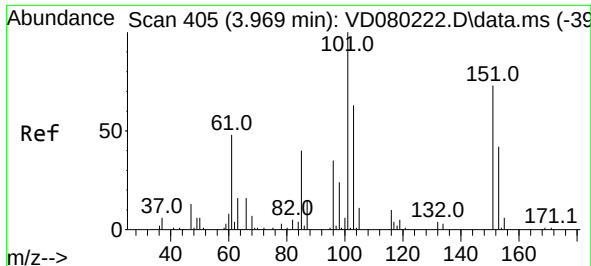
Tgt Ion:101 Resp: 52369
 Ion Ratio Lower Upper
 101 100
 103 63.8 49.9 74.9



#8
 Diethyl Ether
 Concen: 18.351 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Tgt Ion: 74 Resp: 12235
 Ion Ratio Lower Upper
 74 100
 45 106.4 51.0 153.1

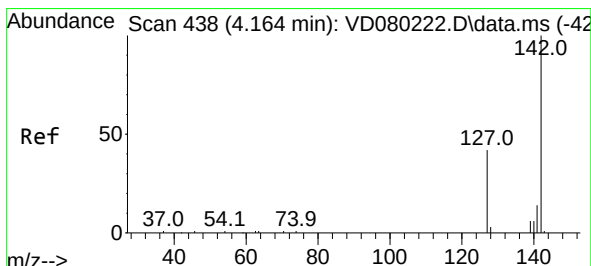
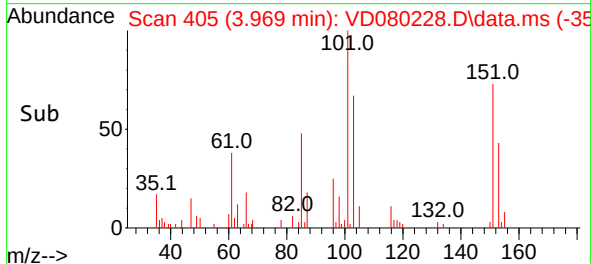
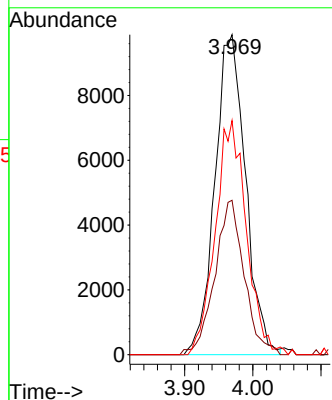
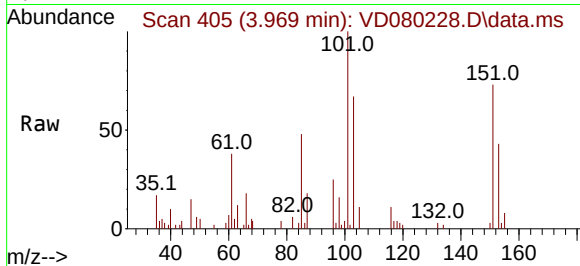




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.870 ug/l
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD080228.D
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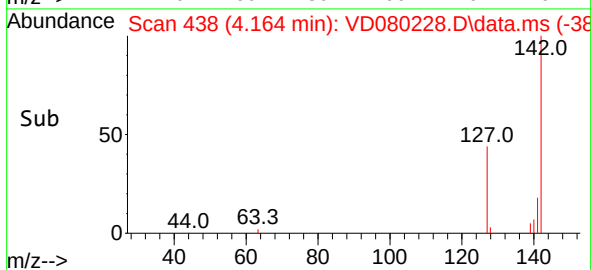
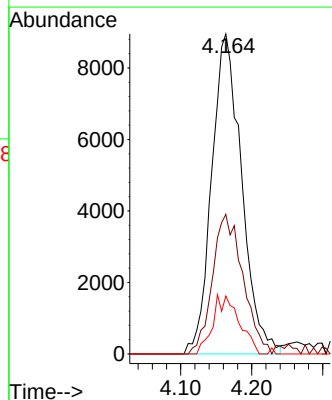
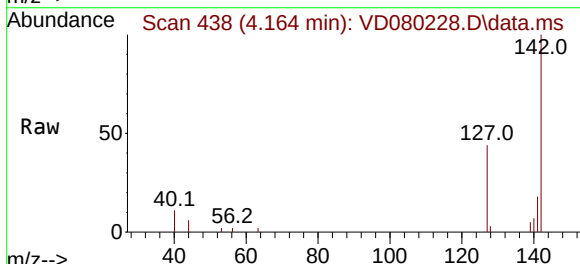
Instrument :
MSVOA_D
ClientSampleId :

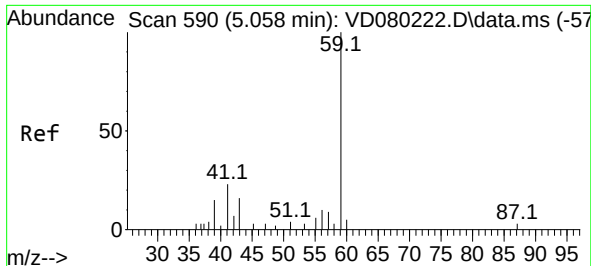
Tgt Ion:101	Resp:	30853
Ion	Ratio	Lower Upper
101	100	
85	46.4	36.2 54.4
151	74.5	59.0 88.6



#10
Methyl Iodide
Concen: 25.267 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:142	Resp:	26172
Ion	Ratio	Lower Upper
142	100	
127	44.5	35.4 53.2
141	16.2	12.6 18.8





#11

Tert butyl alcohol

Concen: 86.583 ug/l

RT: 5.069 min Scan# 59

Delta R.T. 0.012 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

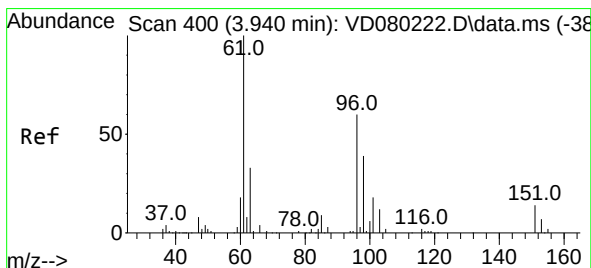
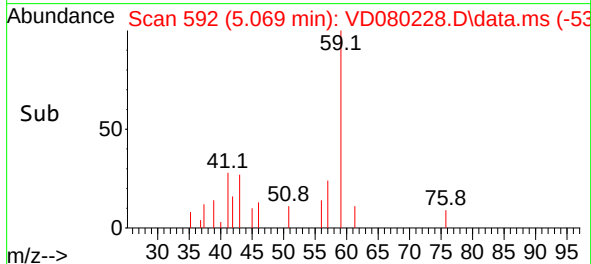
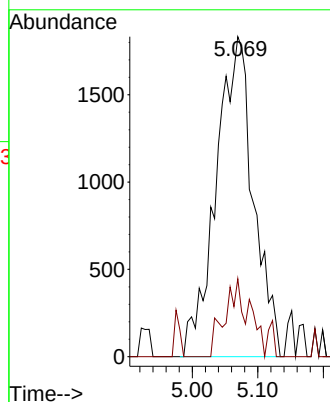
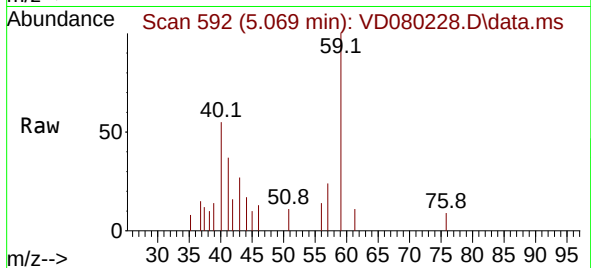
ClientSampleId :

Tgt Ion: 59 Resp: 7260

Ion Ratio Lower Upper

59 100

57 11.4 7.2 10.8#



#12

1,1-Dichloroethene

Concen: 20.910 ug/l

RT: 3.940 min Scan# 400

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

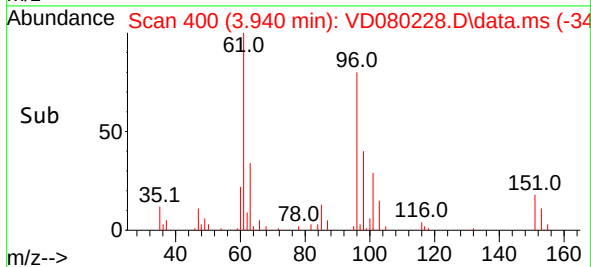
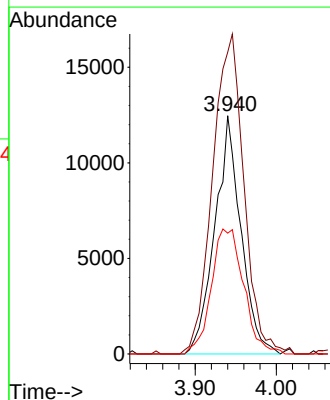
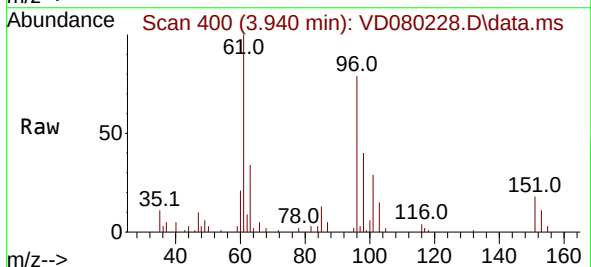
Tgt Ion: 96 Resp: 27943

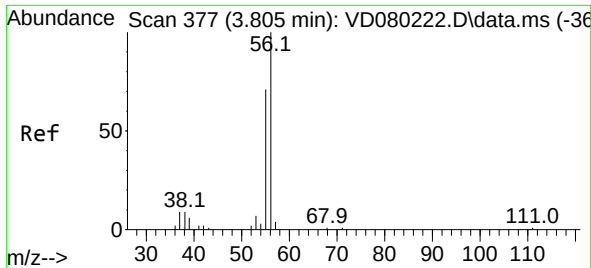
Ion Ratio Lower Upper

96 100

61 126.7 133.8 200.6#

98 50.7 52.2 78.2#

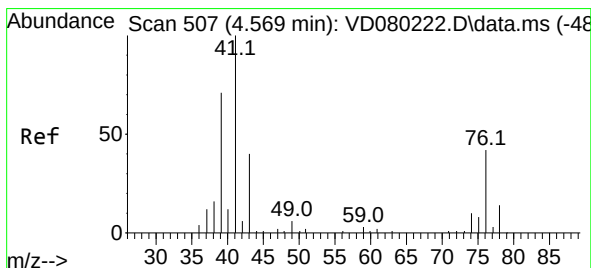
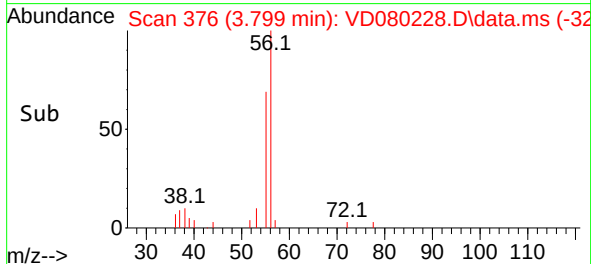
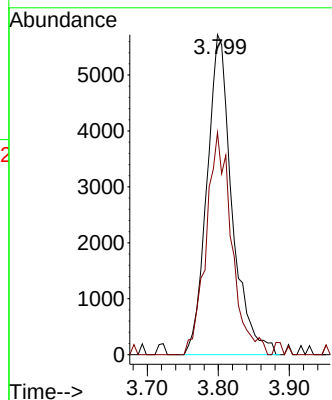
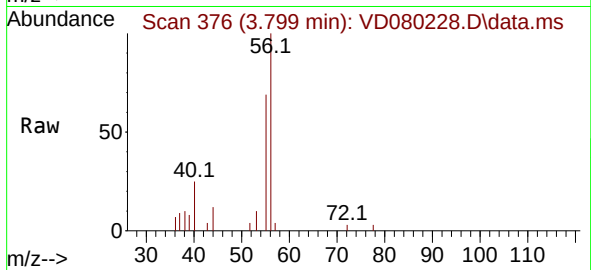




#13
Acrolein
Concen: 89.000 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

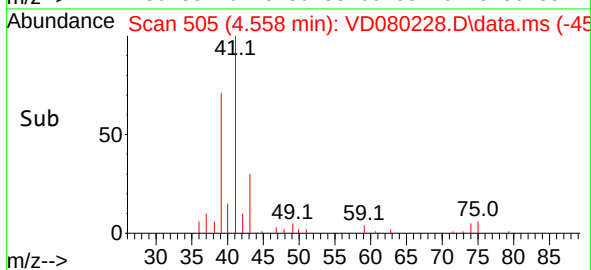
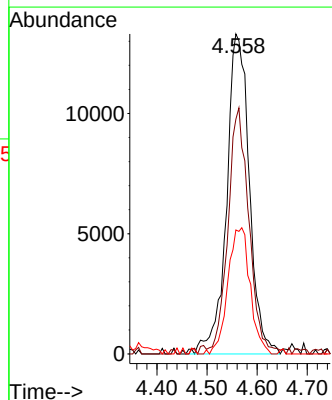
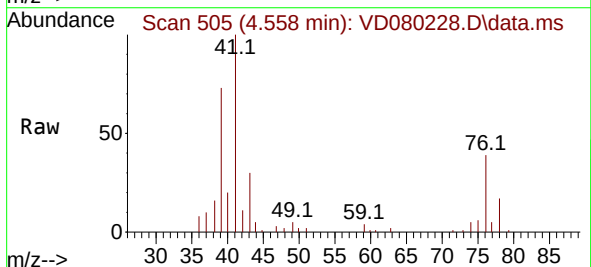
Instrument :
MSVOA_D
ClientSampleId :

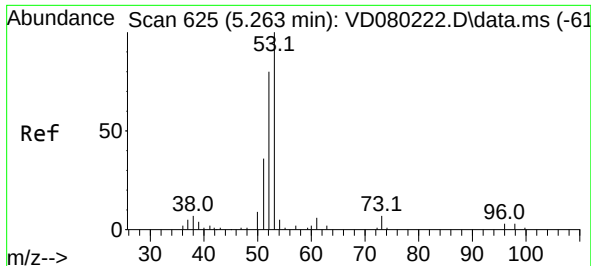
Tgt Ion: 56 Resp: 14071
Ion Ratio Lower Upper
56 100
55 70.6 57.8 86.8



#14
Allyl chloride
Concen: 20.446 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.012 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 41 Resp: 42107
Ion Ratio Lower Upper
41 100
39 70.7 55.0 82.4
76 38.4 31.0 46.4

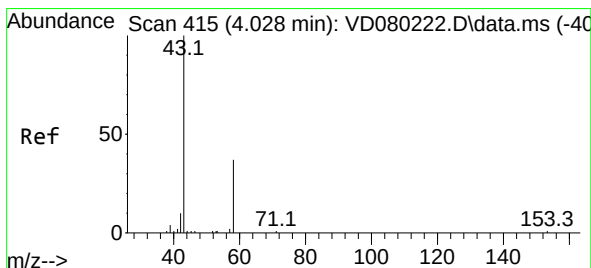
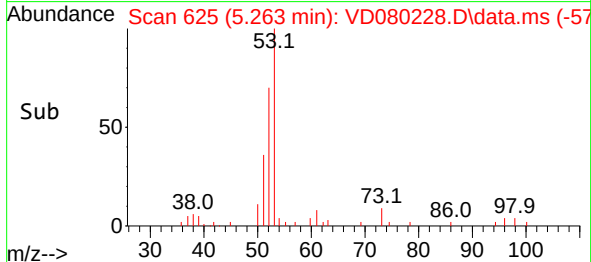
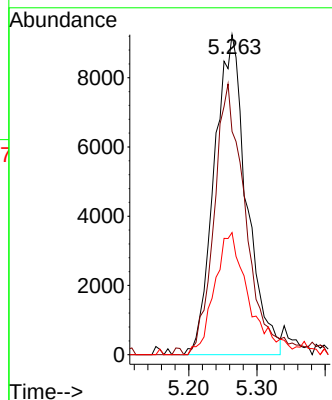
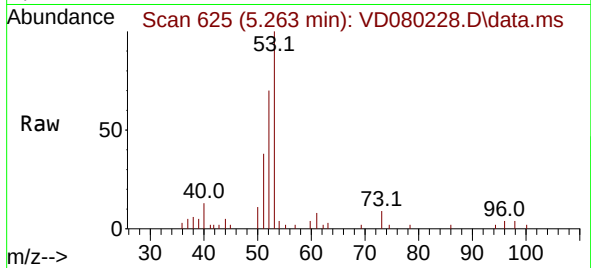




#15
Acrylonitrile
Concen: 95.571 ug/l
RT: 5.263 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

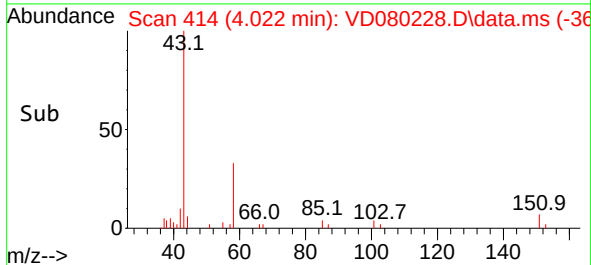
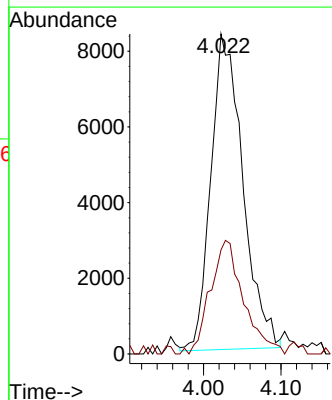
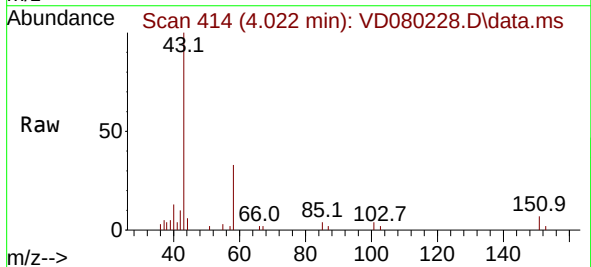
Instrument :
MSVOA_D
ClientSampleId :

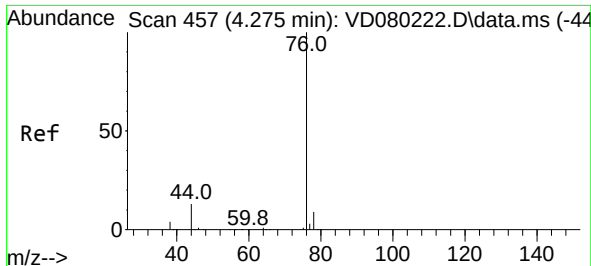
Tgt Ion: 53 Resp: 30613
Ion Ratio Lower Upper
53 100
52 82.6 65.9 98.9
51 40.7 30.1 45.1



#16
Acetone
Concen: 97.751 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 43 Resp: 23914
Ion Ratio Lower Upper
43 100
58 33.2 29.5 44.3

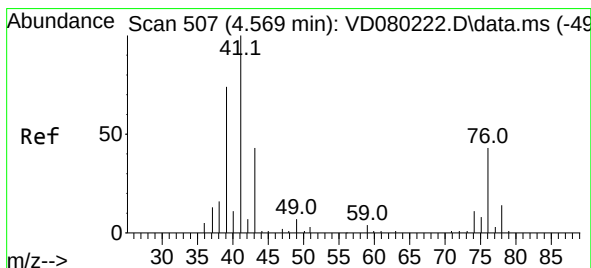
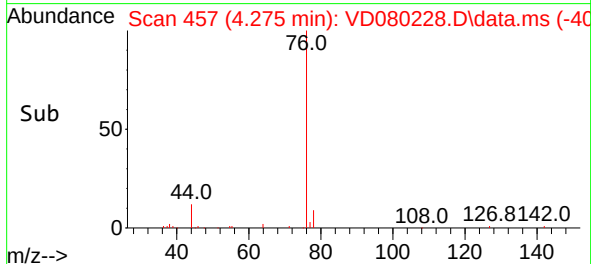
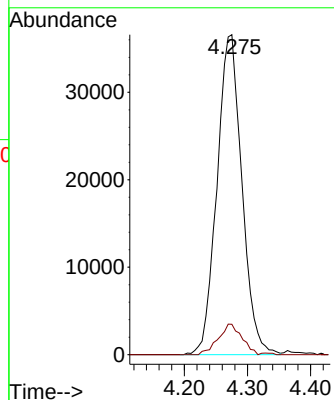
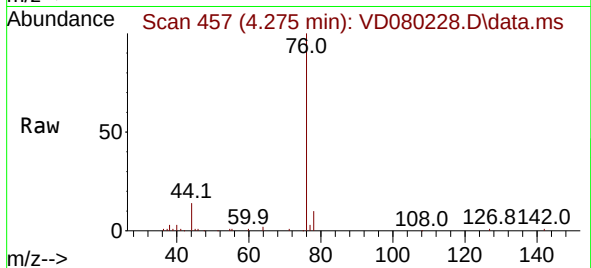




#17
Carbon Disulfide
Concen: 20.818 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

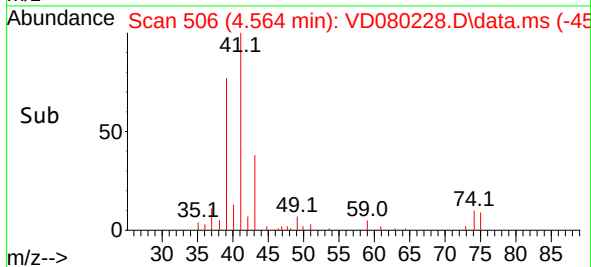
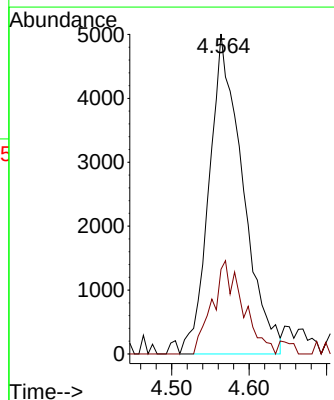
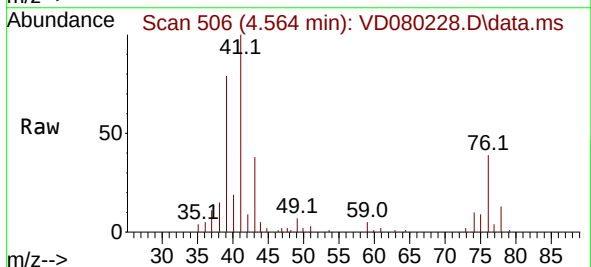
Instrument :
MSVOA_D
ClientSampleId :

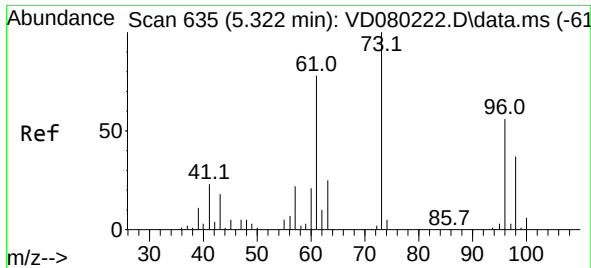
Tgt Ion: 76 Resp: 100336
Ion Ratio Lower Upper
76 100
78 9.5 7.0 10.4



#18
Methyl Acetate
Concen: 18.244 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 43 Resp: 15060
Ion Ratio Lower Upper
43 100
74 26.7 19.4 29.2

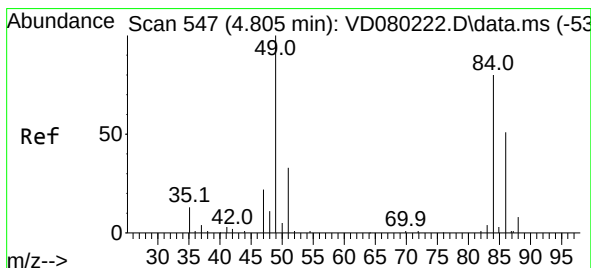
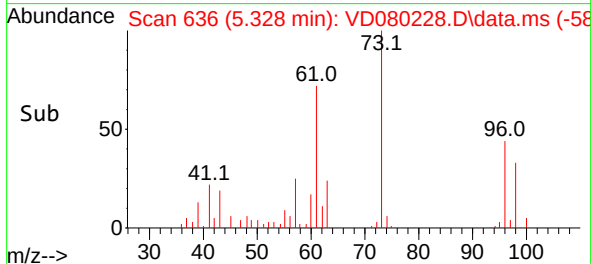
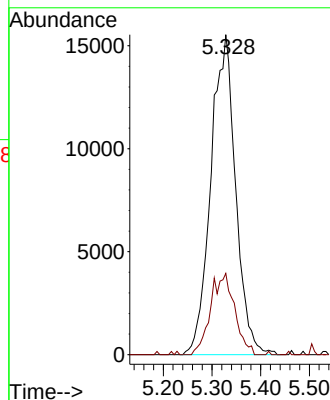
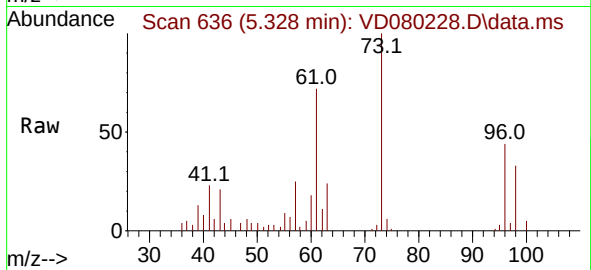




#19
Methyl tert-butyl Ether
Concen: 18.663 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

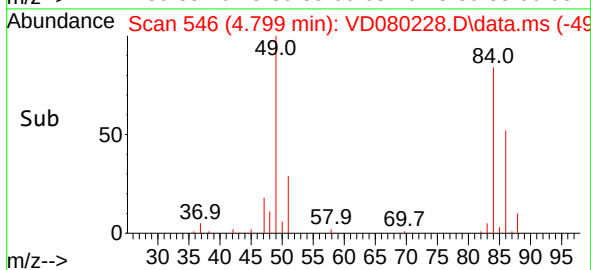
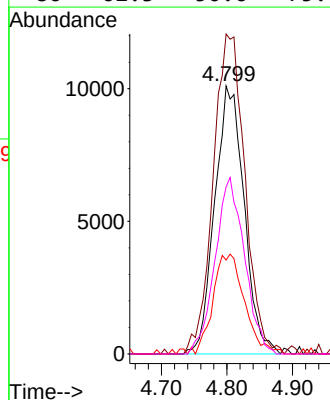
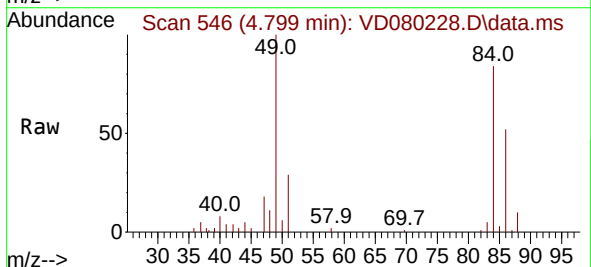
Instrument :
MSVOA_D
ClientSampleId :

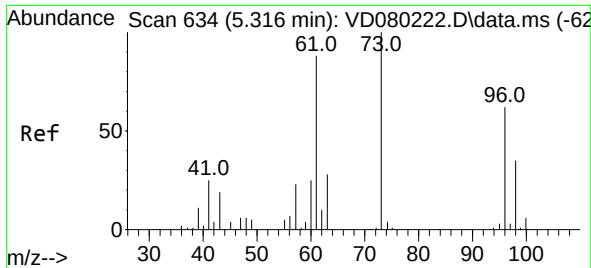
Tgt Ion: 73 Resp: 54906
Ion Ratio Lower Upper
73 100
57 25.4 17.8 26.8



#20
Methylene Chloride
Concen: 18.945 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

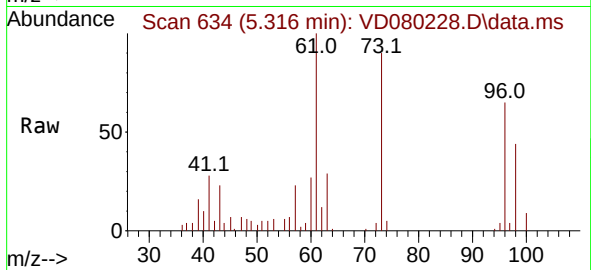
Tgt Ion: 84 Resp: 31452
Ion Ratio Lower Upper
84 100
49 119.4 99.4 149.2
51 33.3 32.6 49.0
86 62.3 50.6 75.8



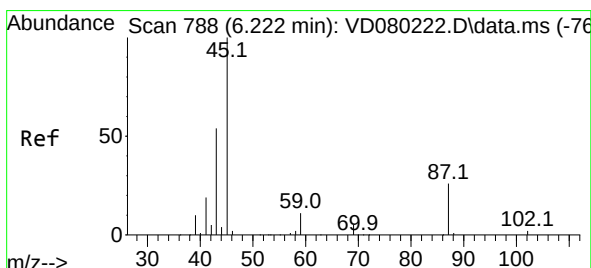
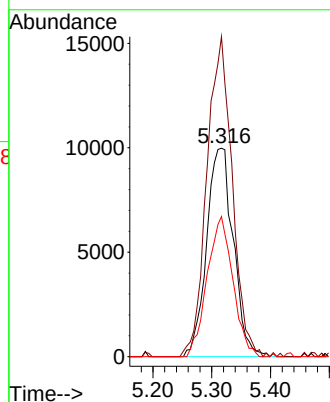
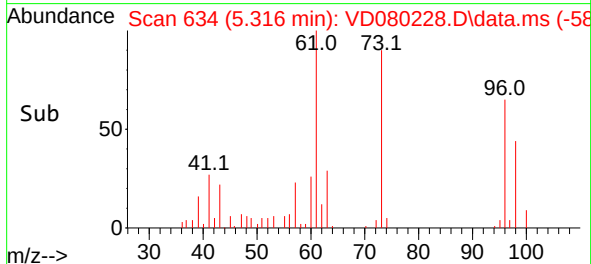


#21
trans-1,2-Dichloroethene
Concen: 20.786 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :

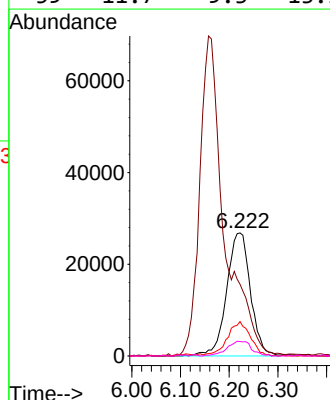
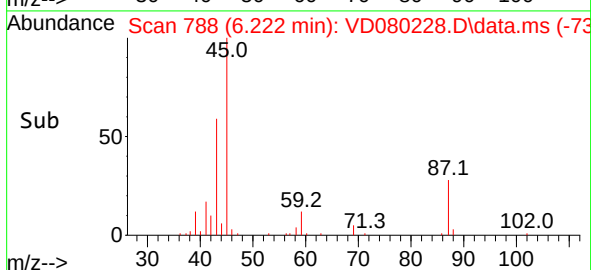
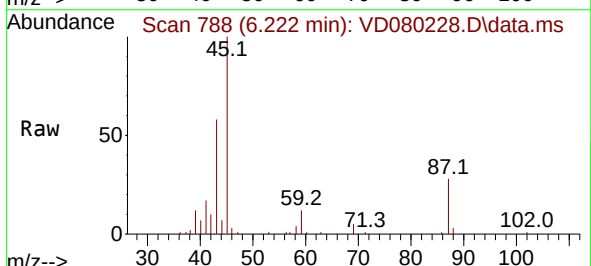


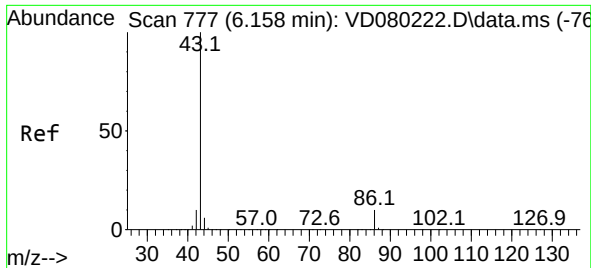
Tgt Ion:	96	Resp:	31556
Ion	Ratio	Lower	Upper
96	100		
61	153.5	113.7	170.5
98	67.3	45.4	68.2



#22
Diisopropyl ether
Concen: 21.265 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:	45	Resp:	91138
Ion	Ratio	Lower	Upper
45	100		
43	57.3	44.3	66.5
87	28.0	20.5	30.7
59	11.7	9.3	13.9

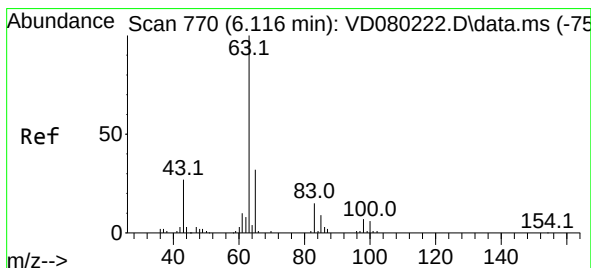
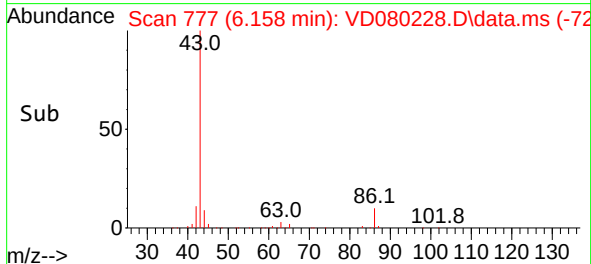
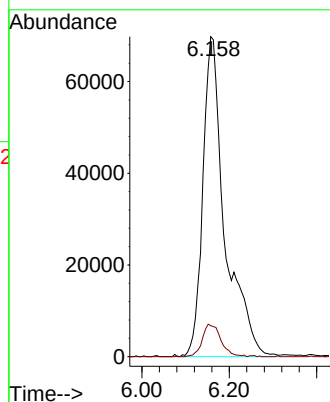
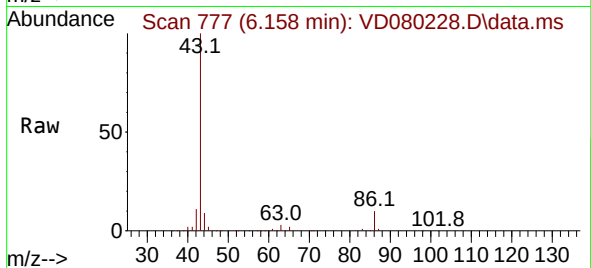




#23
 Vinyl Acetate
 Concen: 99.084 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

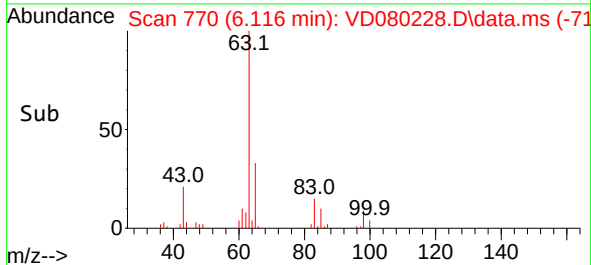
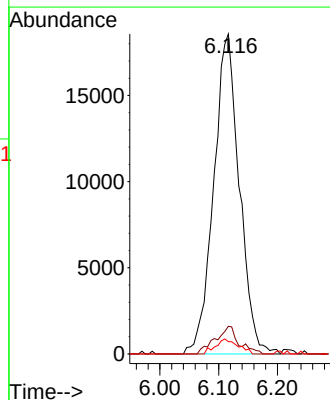
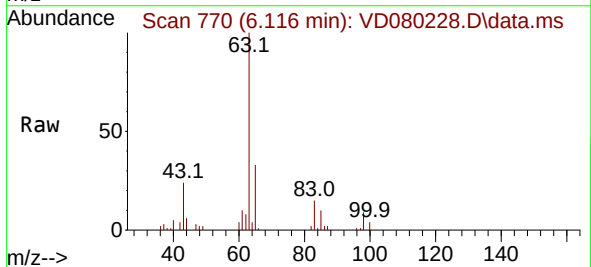
Instrument :
 MSVOA_D
 ClientSampleId :

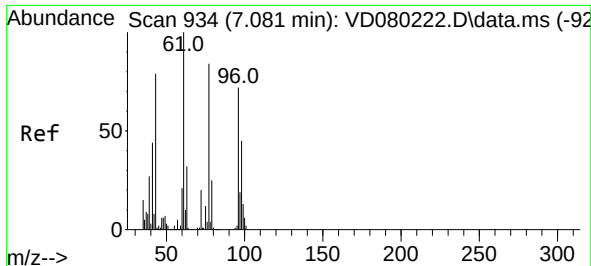
Tgt Ion: 43 Resp: 245169
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.074 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Tgt Ion: 63 Resp: 56398
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.5 10.5
 100 3.9 2.8 8.4





#25

2-Butanone

Concen: 86.906 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

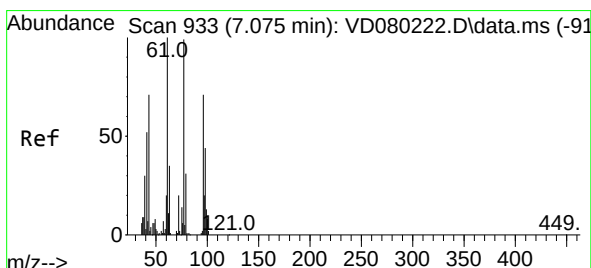
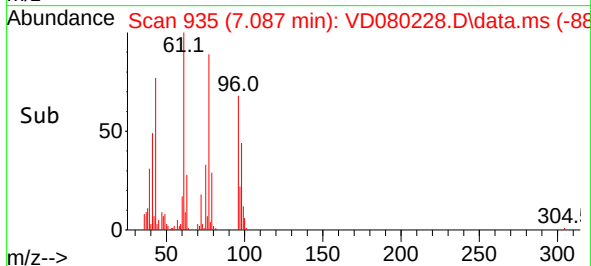
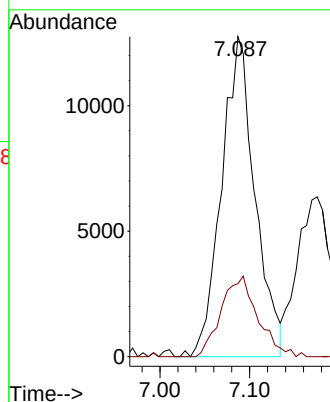
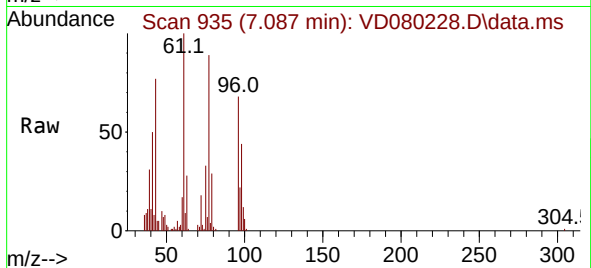
ClientSampleId :

Tgt Ion: 43 Resp: 32977

Ion Ratio Lower Upper

43 100

72 22.8 19.9 29.9



#26

2,2-Dichloropropane

Concen: 20.506 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD080228.D

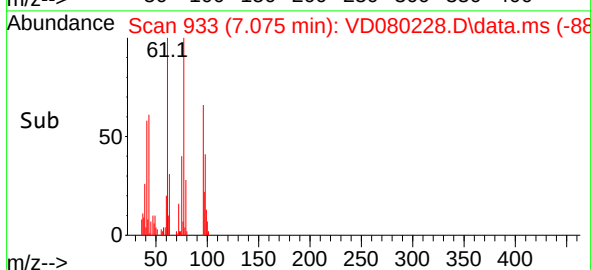
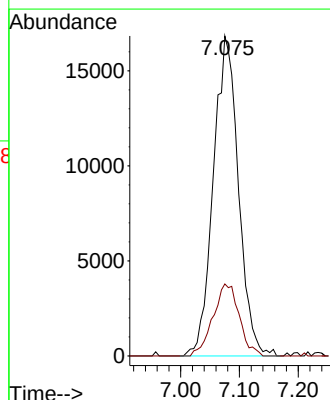
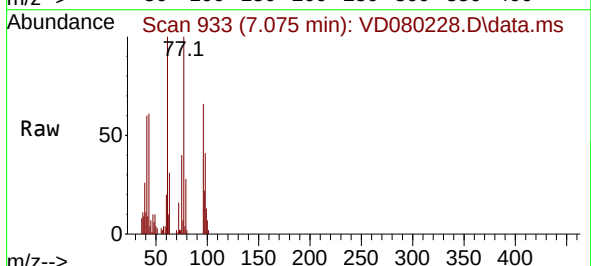
Acq: 03 Feb 2025 16:05

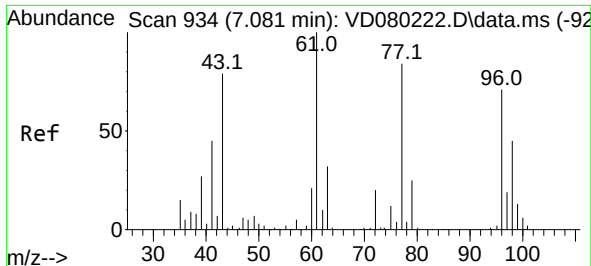
Tgt Ion: 77 Resp: 49970

Ion Ratio Lower Upper

77 100

97 23.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.542 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min MSVOA_D

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

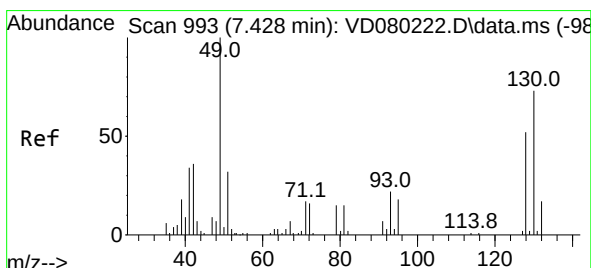
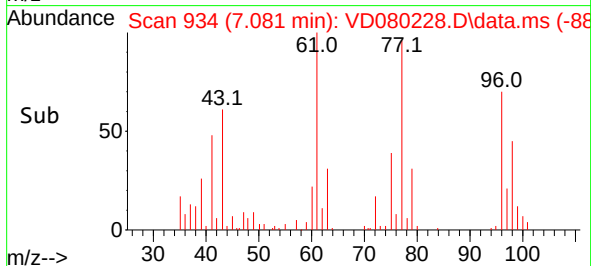
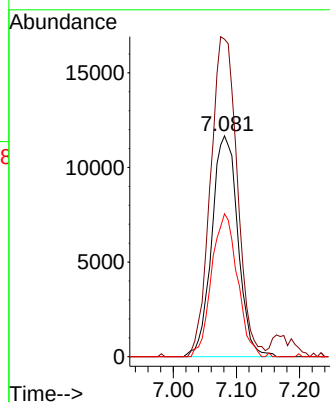
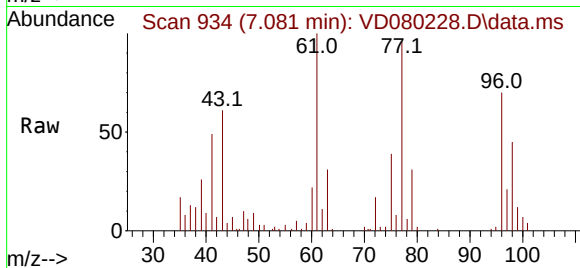
Tgt Ion: 96 Resp: 33517

Ion Ratio Lower Upper

96 100

61 148.3 0.0 297.4

98 63.7 0.0 131.0



#28

Bromochloromethane

Concen: 21.443 ug/l

RT: 7.422 min Scan# 992

Delta R.T. -0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

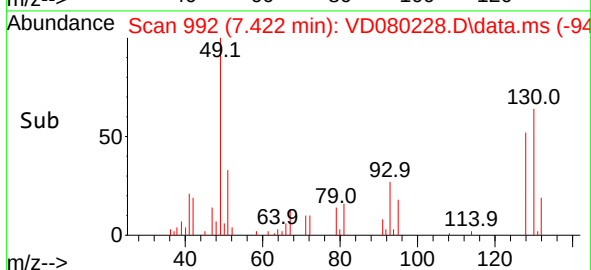
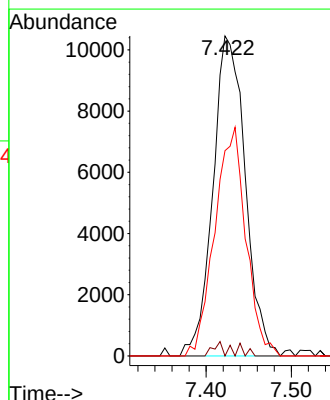
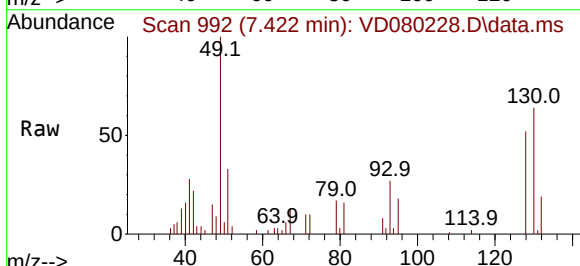
Tgt Ion: 49 Resp: 27492

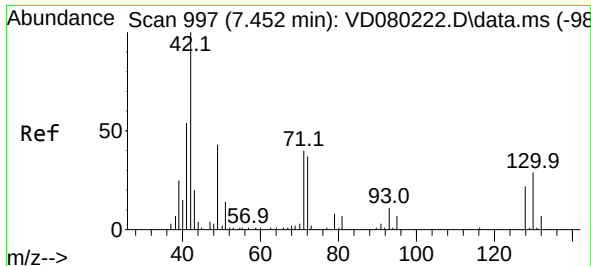
Ion Ratio Lower Upper

49 100

129 1.2 0.0 1.8

130 68.9 55.3 82.9





#29

Tetrahydrofuran

Concen: 89.452 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

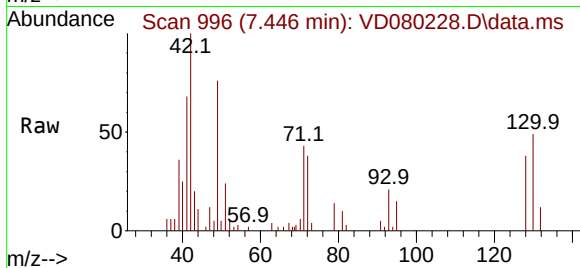
Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

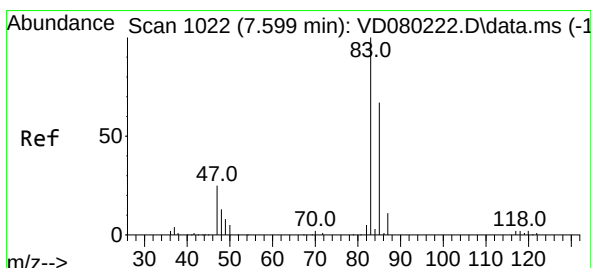
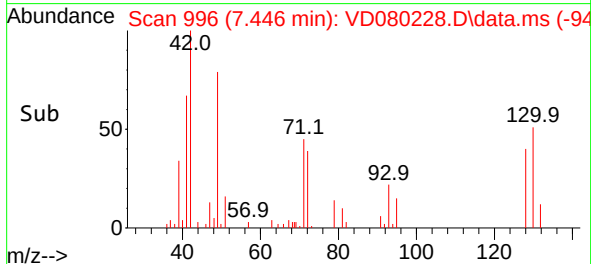
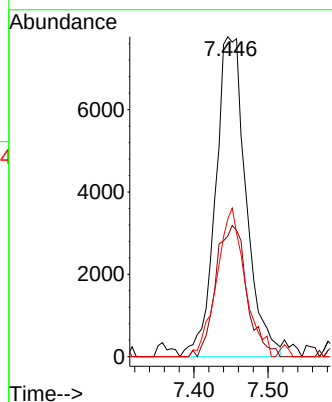
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	22232
Ion Ratio	Lower	Upper	
42	100		
72	41.7	33.5	50.3
71	43.0	32.9	49.3



#30

Chloroform

Concen: 20.191 ug/l

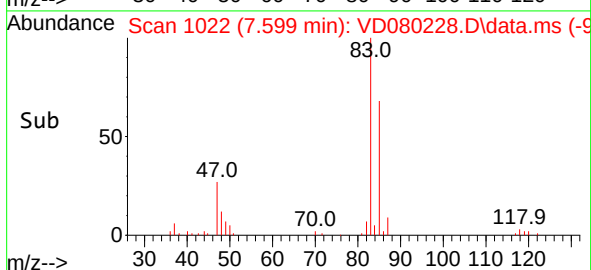
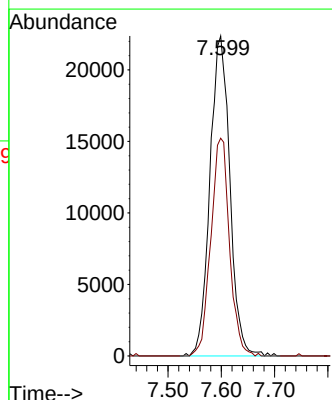
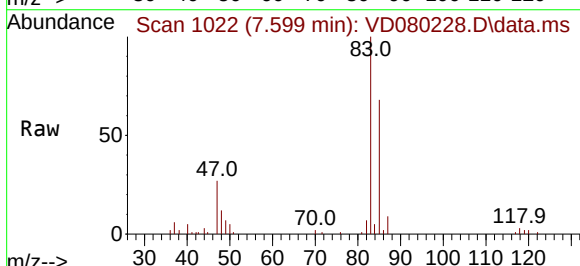
RT: 7.599 min Scan# 1022

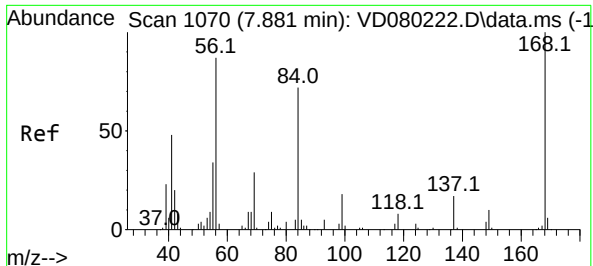
Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion:	83	Resp:	57996
Ion Ratio	Lower	Upper	
83	100		
85	68.1	53.7	80.5

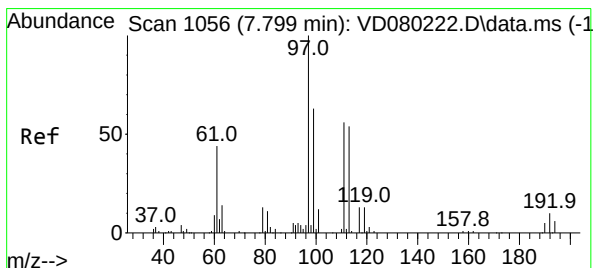
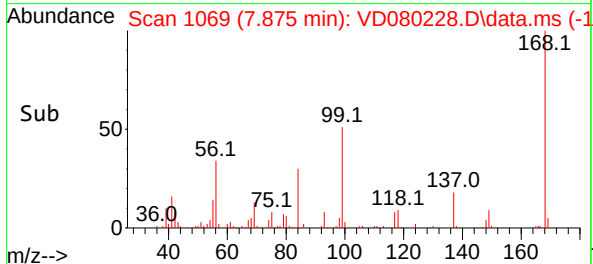
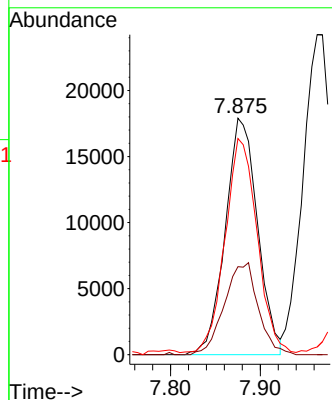
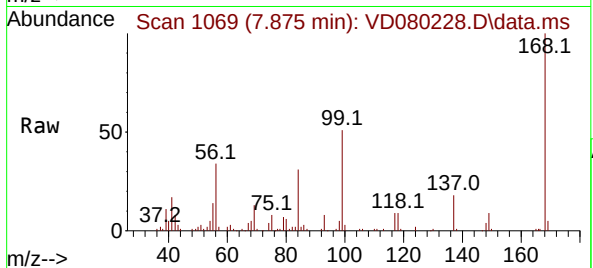




#31
Cyclohexane
Concen: 19.894 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

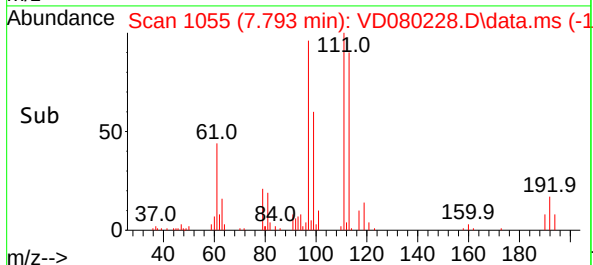
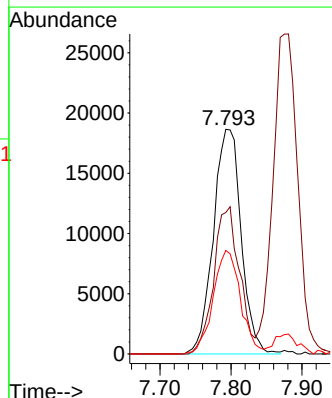
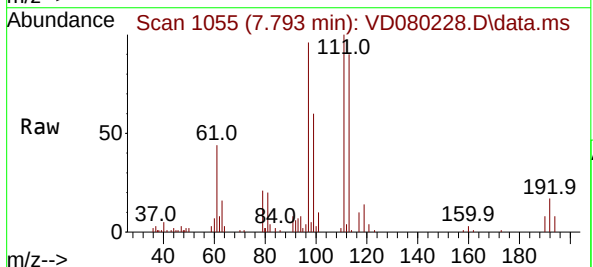
Instrument :
MSVOA_D
ClientSampleId :

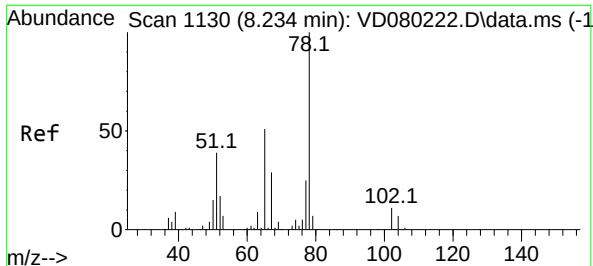
Tgt Ion: 56 Resp: 44742
Ion Ratio Lower Upper
56 100
69 37.2 27.0 40.4
84 90.6 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 21.123 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 97 Resp: 50762
Ion Ratio Lower Upper
97 100
99 60.6 51.3 76.9
61 45.2 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 45.507 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

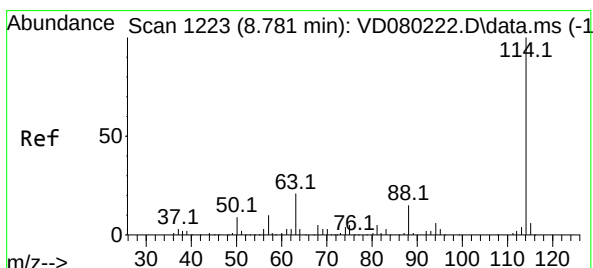
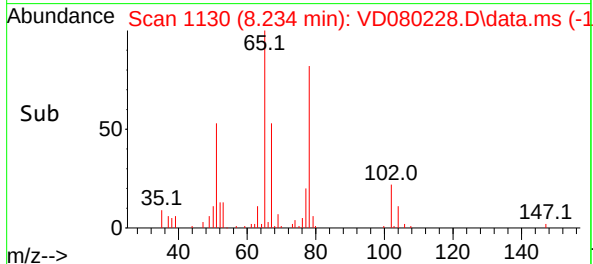
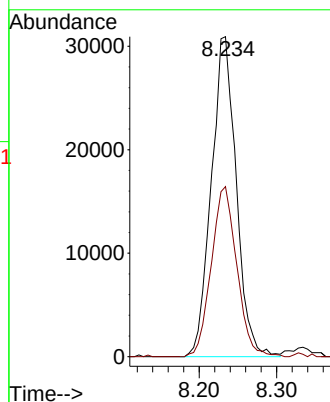
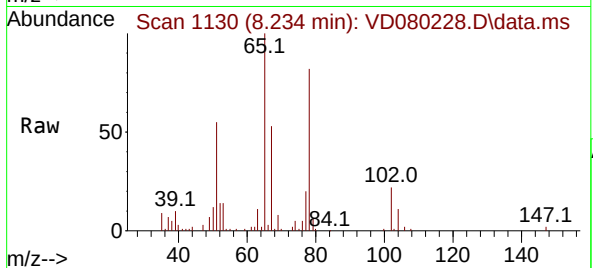
ClientSampleId :

Tgt Ion: 65 Resp: 69078

Ion Ratio Lower Upper

65 100

67 54.4 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: VD080228.D

Acq: 03 Feb 2025 16:05

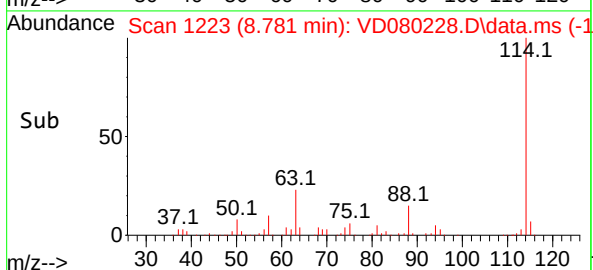
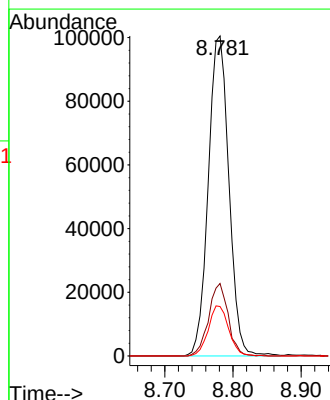
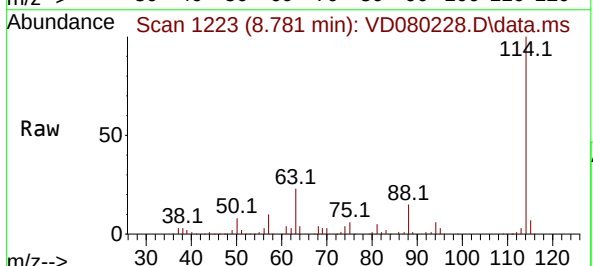
Tgt Ion: 114 Resp: 211546

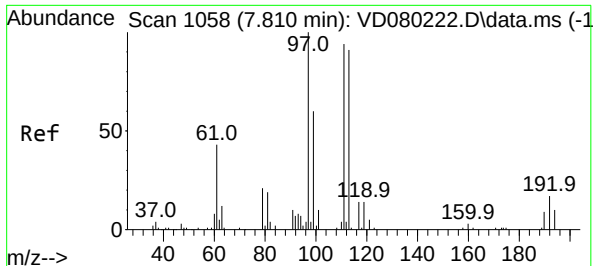
Ion Ratio Lower Upper

114 100

63 22.6 0.0 41.8

88 15.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 43.696 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

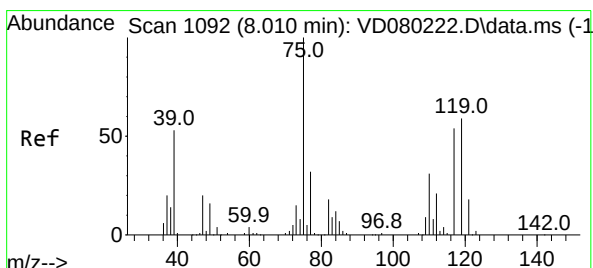
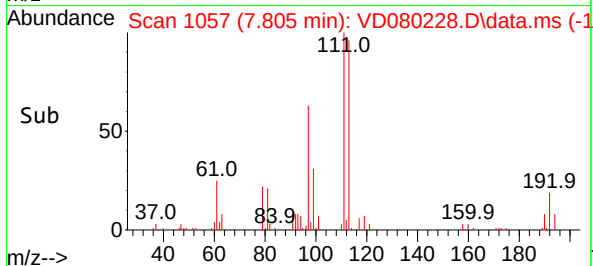
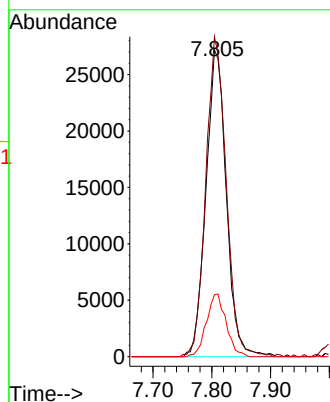
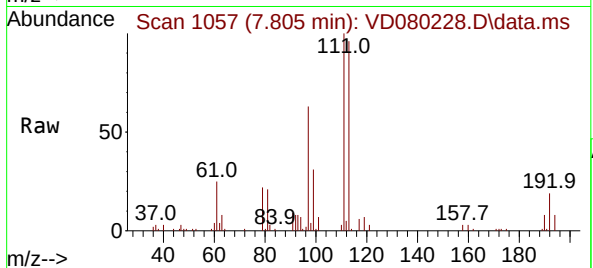
Tgt Ion:113 Resp: 65513

Ion Ratio Lower Upper

113 100

111 104.0 85.0 127.4

192 19.7 15.5 23.3



#36

1,1-Dichloropropene

Concen: 19.007 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

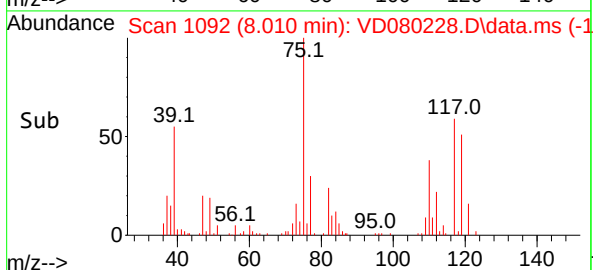
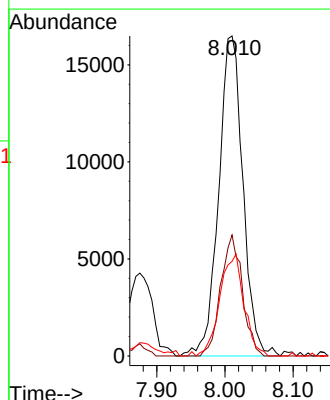
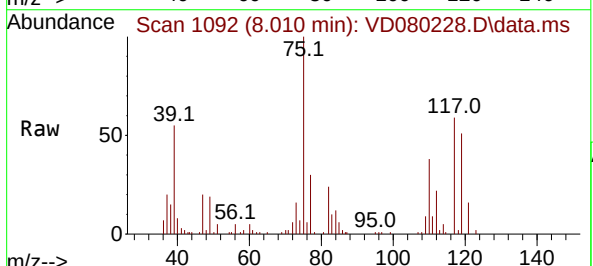
Tgt Ion: 75 Resp: 40816

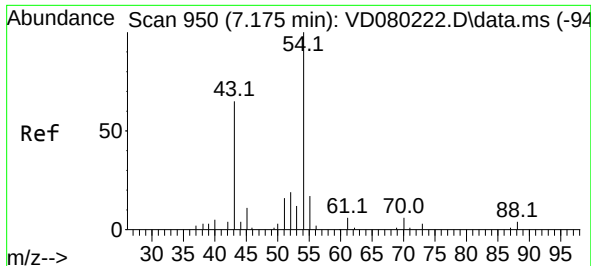
Ion Ratio Lower Upper

75 100

110 33.7 17.1 51.2

77 31.8 25.6 38.4





#37

Ethyl Acetate

Concen: 16.236 ug/l

RT: 7.175 min Scan# 91

Delta R.T. -0.000 min

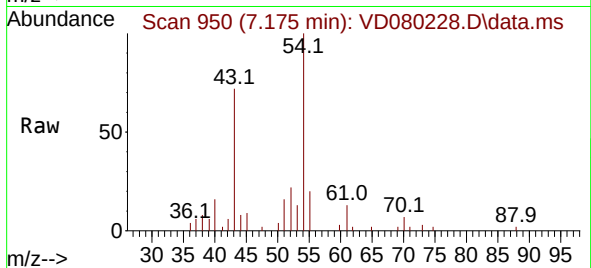
Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :



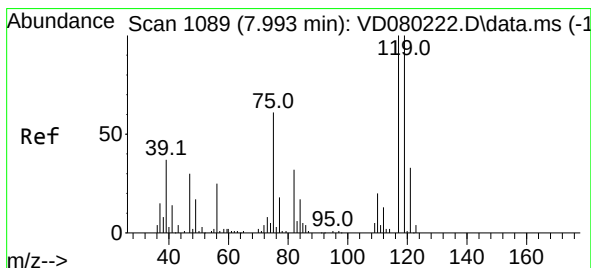
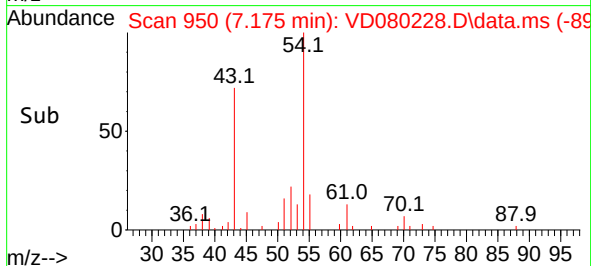
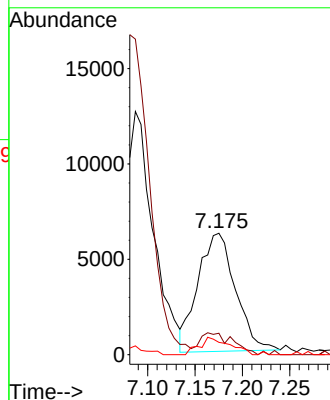
Tgt Ion: 43 Resp: 17097

Ion Ratio Lower Upper

43 100

61 16.2 11.4 17.0

70 11.8 8.2 12.2



#38

Carbon Tetrachloride

Concen: 19.328 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

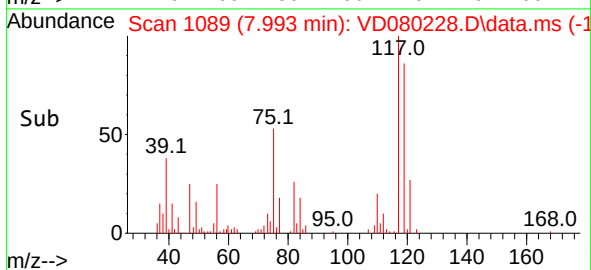
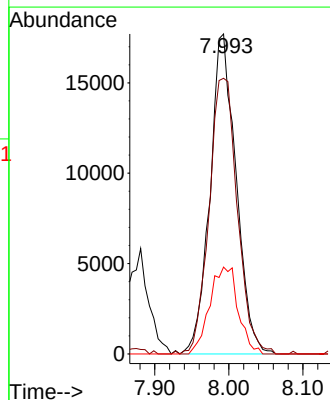
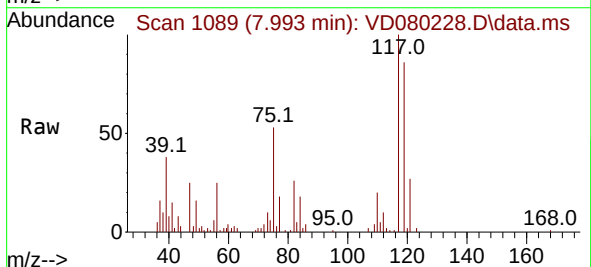
Tgt Ion: 117 Resp: 43354

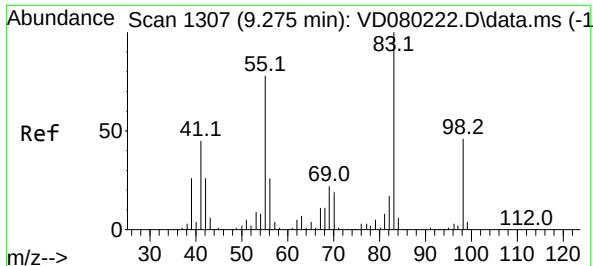
Ion Ratio Lower Upper

117 100

119 86.1 79.8 119.6

121 27.2 26.6 39.8

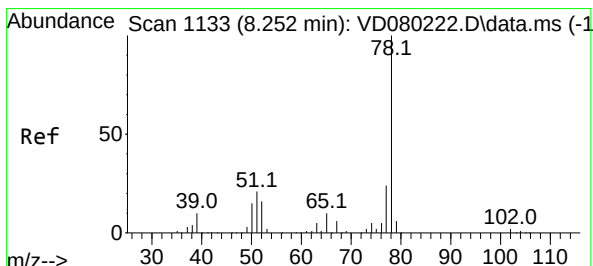
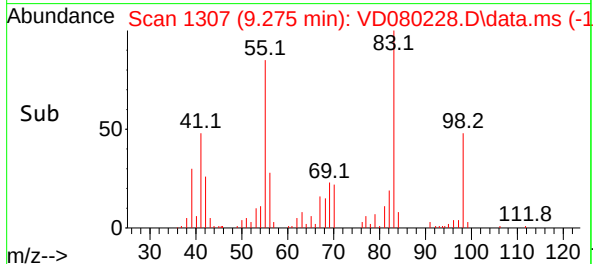
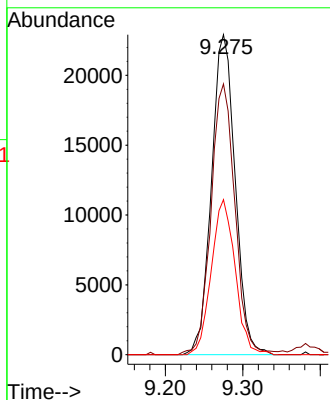
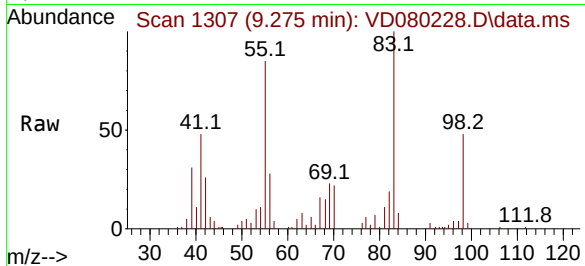




#39
Methylcyclohexane
Concen: 20.890 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

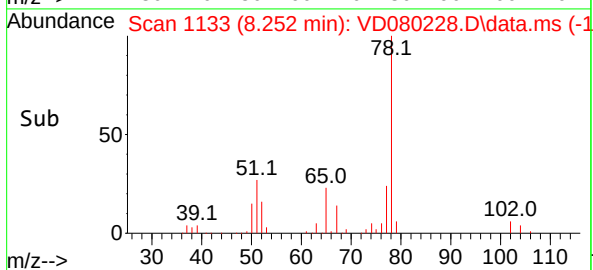
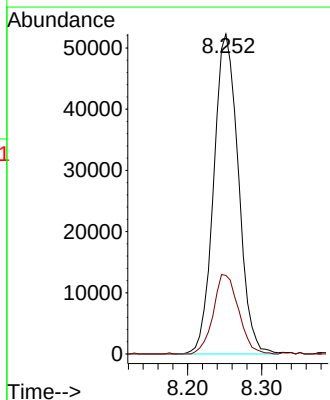
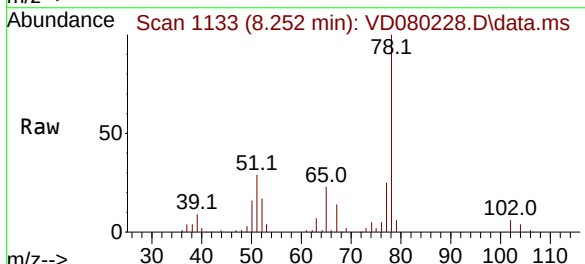
Instrument :
MSVOA_D
ClientSampleId :

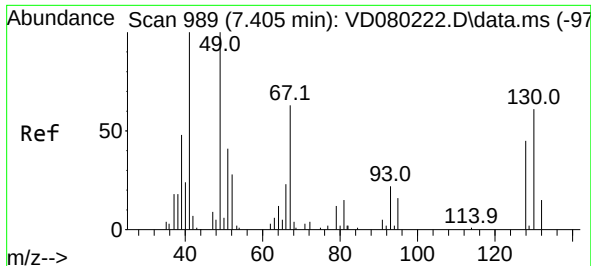
Tgt Ion: 83 Resp: 48737
Ion Ratio Lower Upper
83 100
55 84.6 62.5 93.7
98 48.5 37.1 55.7



#40
Benzene
Concen: 17.930 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 78 Resp: 120691
Ion Ratio Lower Upper
78 100
77 24.6 19.2 28.8

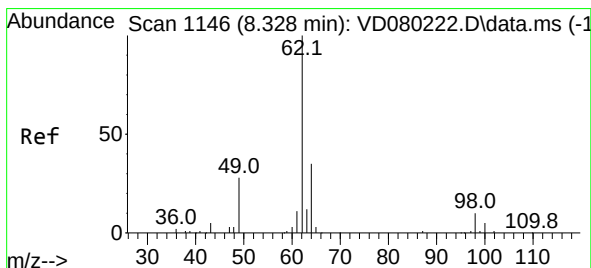
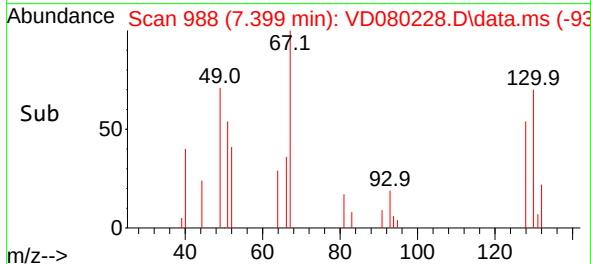
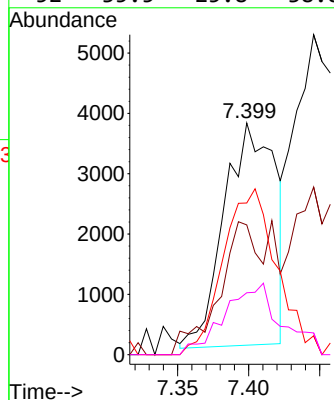
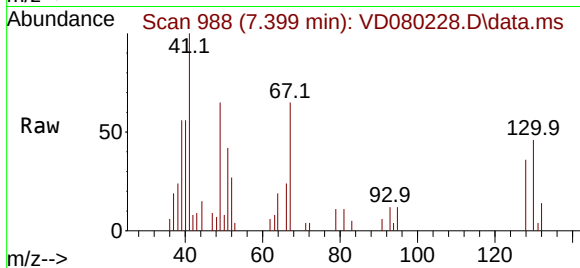




#41
Methacrylonitrile
Concen: 15.886 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

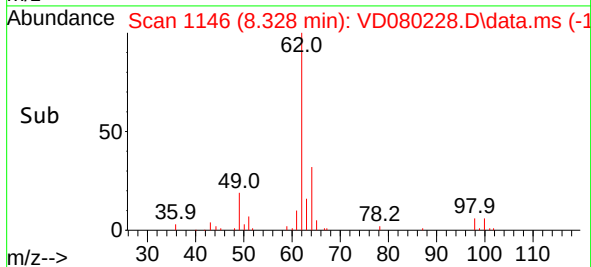
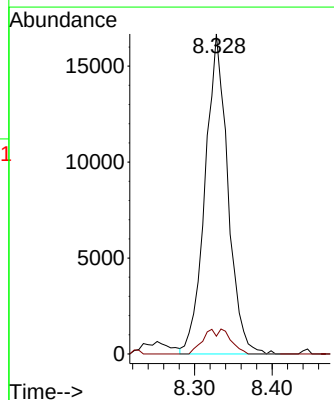
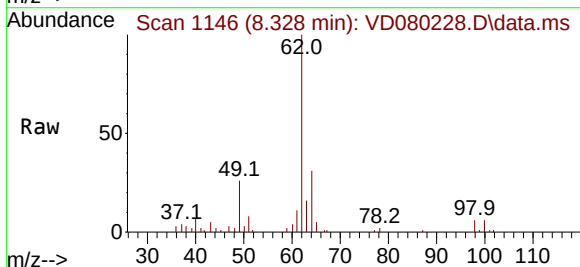
Instrument :
MSVOA_D
ClientSampleId :

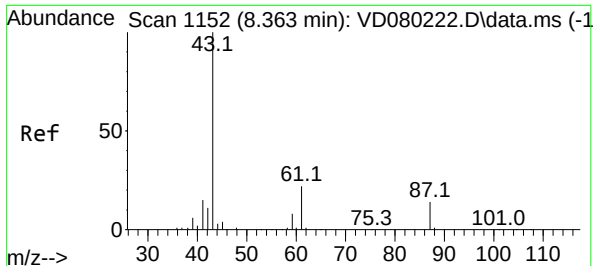
Tgt Ion: 41	Resp: 9208
Ion Ratio	Lower Upper
41 100	
39 48.3	44.7 67.1
67 78.8	55.0 82.4
52 35.5	25.8 38.8



#42
1,2-Dichloroethane
Concen: 17.760 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 62	Resp: 34018
Ion Ratio	Lower Upper
62 100	
98 4.9	0.0 18.4

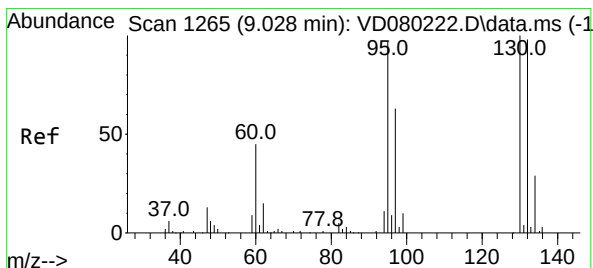
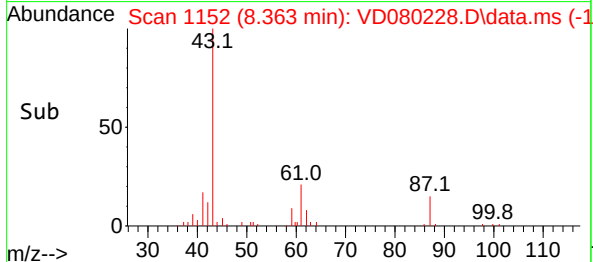
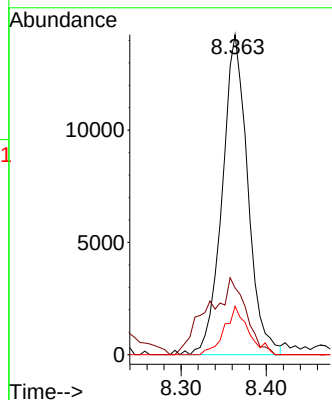
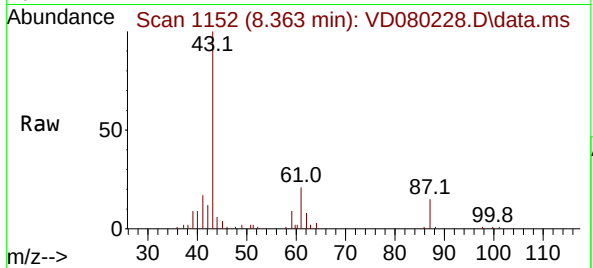




#43
Isopropyl Acetate
Concen: 15.915 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

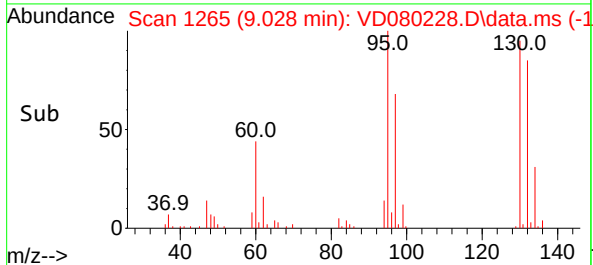
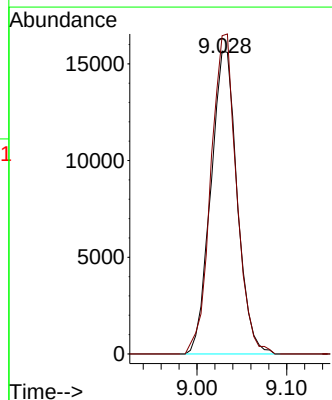
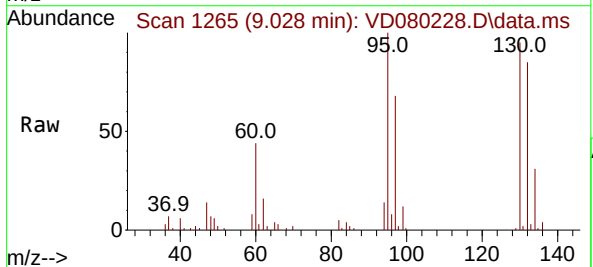
Instrument :
MSVOA_D
ClientSampleId :

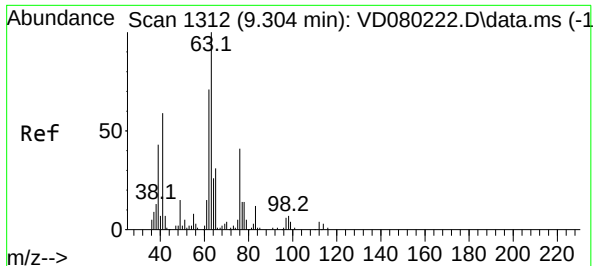
Tgt Ion: 43 Resp: 29742
Ion Ratio Lower Upper
43 100
61 35.8 25.0 37.4
87 14.2 10.7 16.1



#44
Trichloroethene
Concen: 20.567 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:130 Resp: 31982
Ion Ratio Lower Upper
130 100
95 105.1 0.0 194.2





#45

1,2-Dichloropropane

Concen: 20.583 ug/l

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

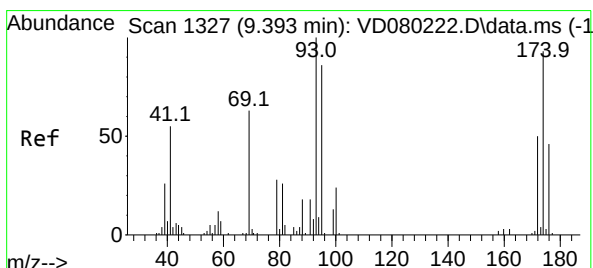
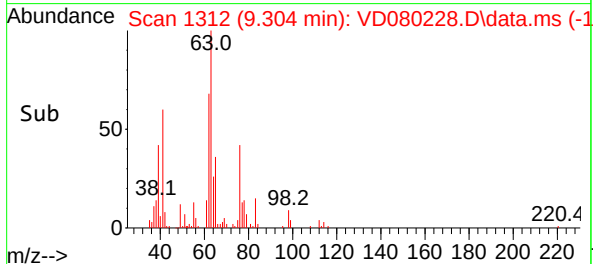
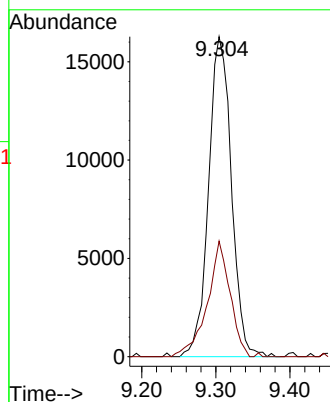
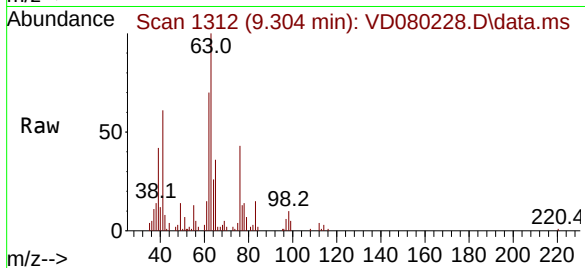
ClientSampleId :

Tgt Ion: 63 Resp: 34849

Ion Ratio Lower Upper

63 100

65 36.1 24.6 36.8



#46

Dibromomethane

Concen: 19.464 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

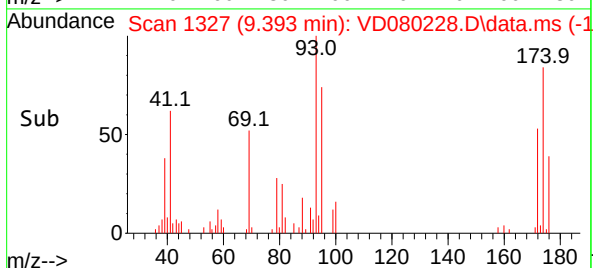
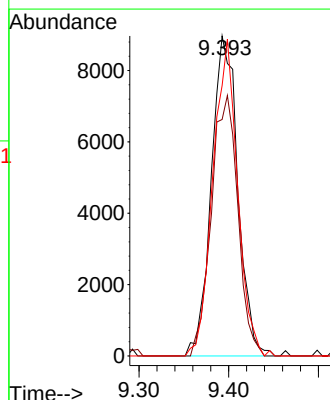
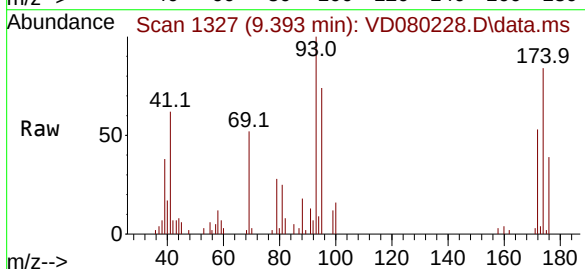
Tgt Ion: 93 Resp: 18360

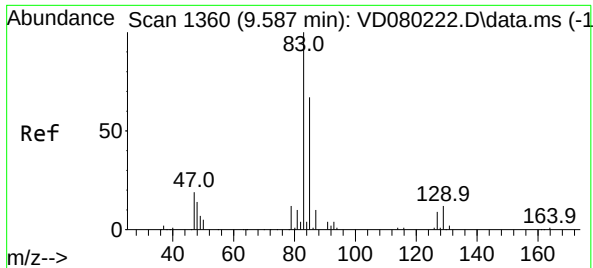
Ion Ratio Lower Upper

93 100

95 81.7 66.8 100.2

174 92.6 76.8 115.2

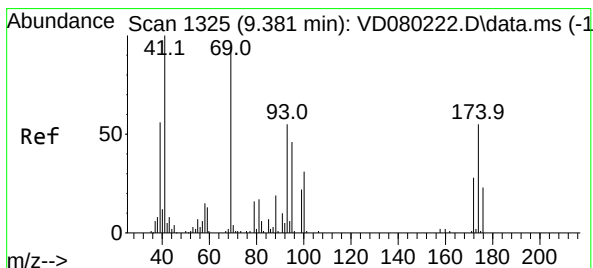
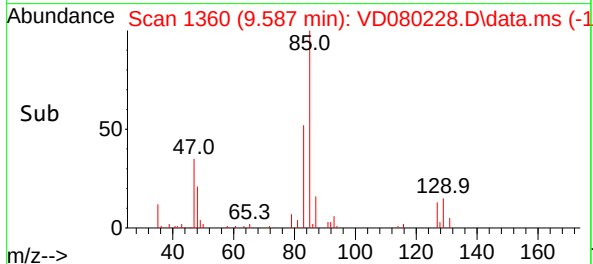
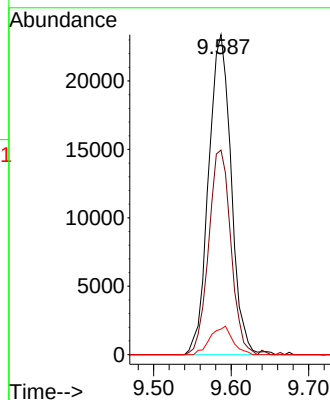
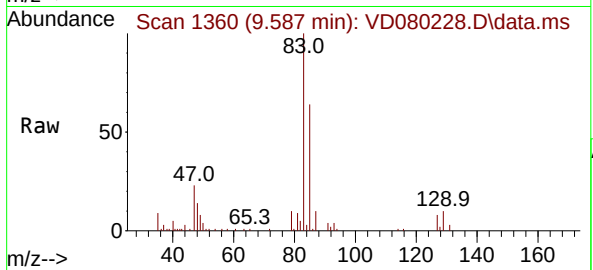




#47
Bromodichloromethane
Concen: 19.915 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

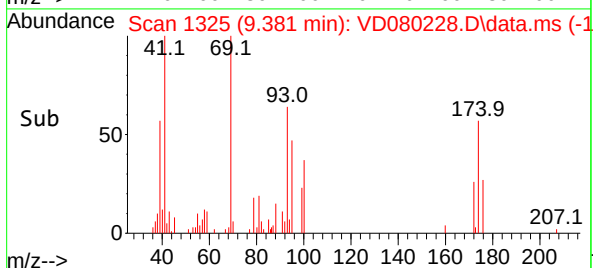
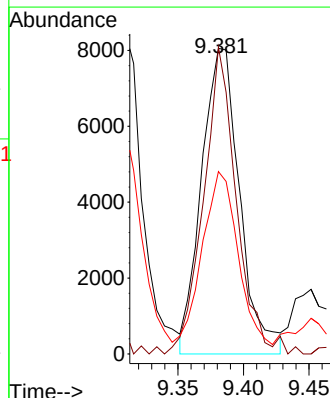
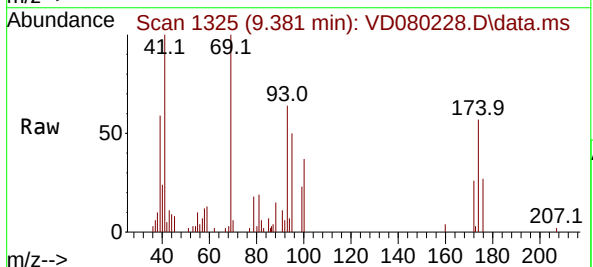
Instrument :
MSVOA_D
ClientSampleId :

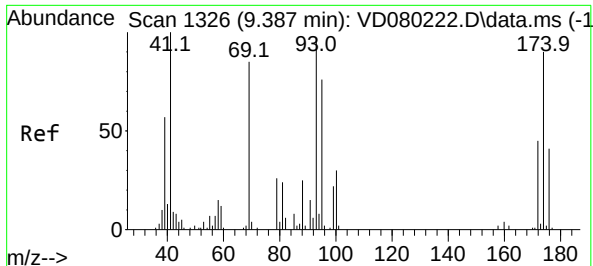
Tgt Ion:	83	Resp:	47372
Ion	Ratio	Lower	Upper
83	100		
85	64.0	53.6	80.4
127	8.0	7.4	11.2



#48
Methyl methacrylate
Concen: 18.440 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:	41	Resp:	16302
Ion	Ratio	Lower	Upper
41	100		
69	86.4	73.7	110.5
39	52.2	49.4	74.2





#49

1,4-Dioxane

Concen: 342.059 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

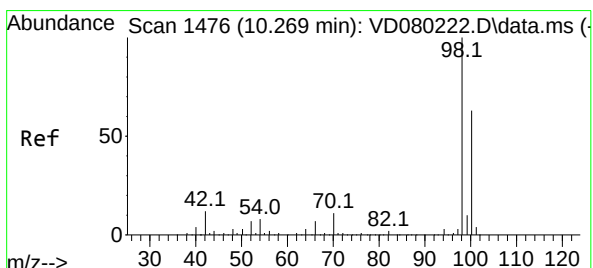
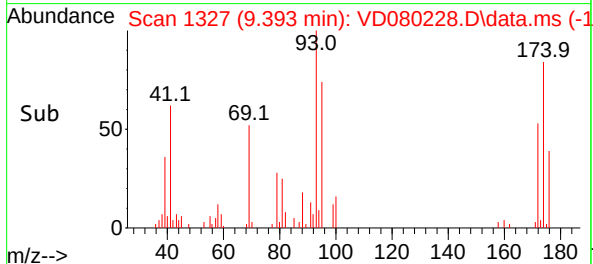
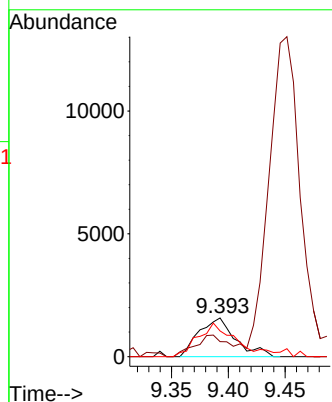
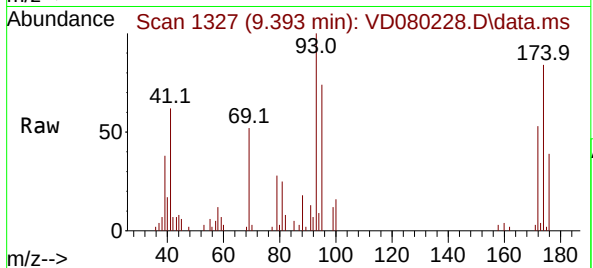
Tgt Ion: 88 Resp: 3510

Ion Ratio Lower Upper

88 100

43 48.5 28.5 42.7#

58 97.5 56.3 84.5#



#50

Toluene-d8

Concen: 52.403 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD080228.D

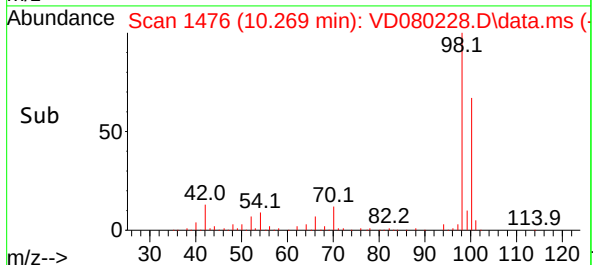
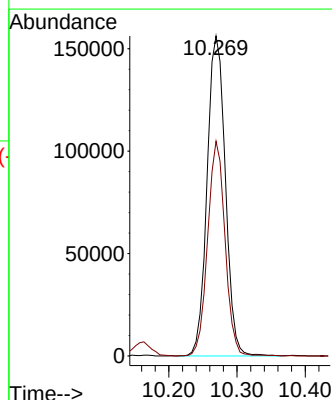
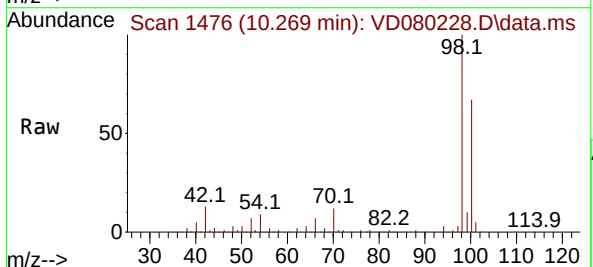
Acq: 03 Feb 2025 16:05

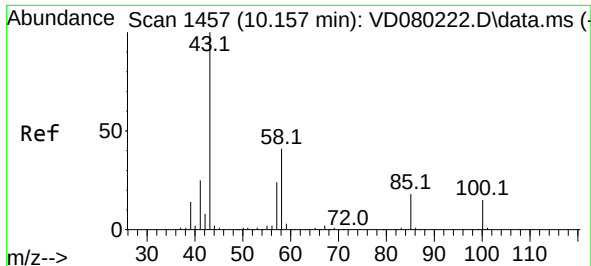
Tgt Ion: 98 Resp: 291361

Ion Ratio Lower Upper

98 100

100 64.0 50.2 75.4

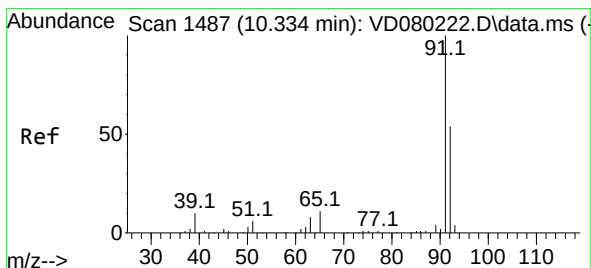
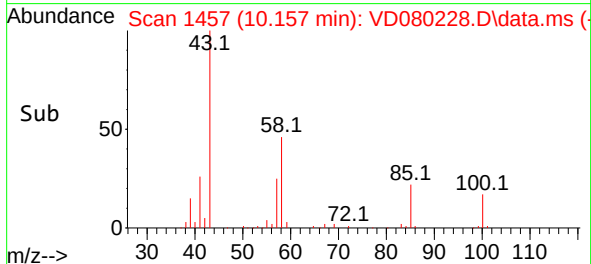
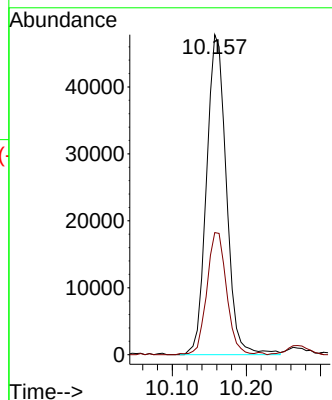
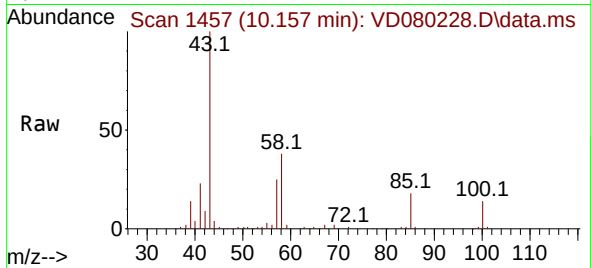




#51
4-Methyl-2-Pentanone
Concen: 93.947 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

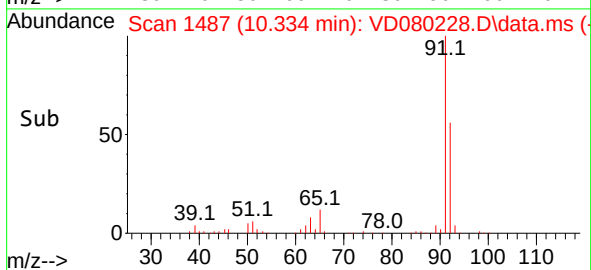
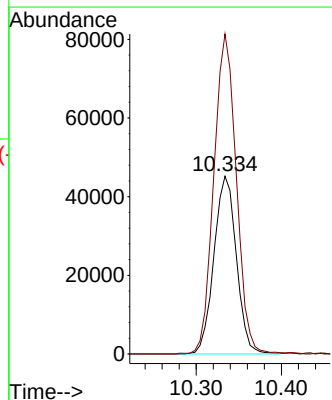
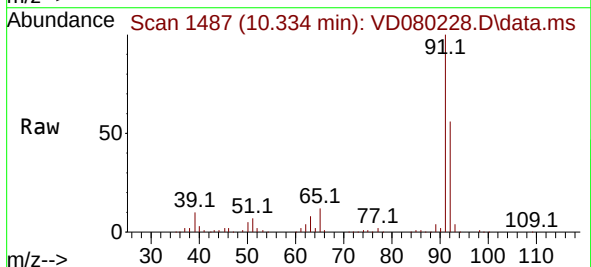
Instrument :
MSVOA_D
ClientSampleId :

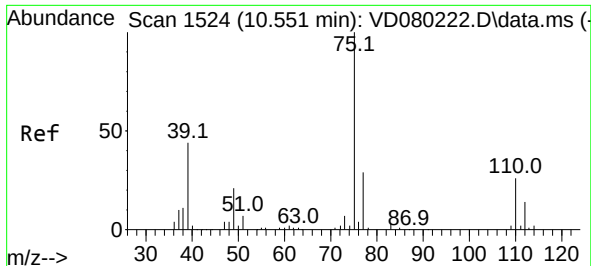
Tgt Ion: 43 Resp: 88780
Ion Ratio Lower Upper
43 100
58 37.9 31.1 46.7



#52
Toluene
Concen: 21.035 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 92 Resp: 82820
Ion Ratio Lower Upper
92 100
91 180.7 144.7 217.1

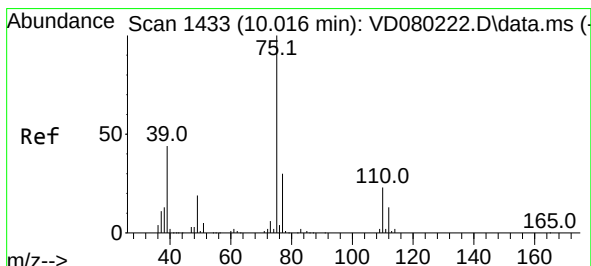
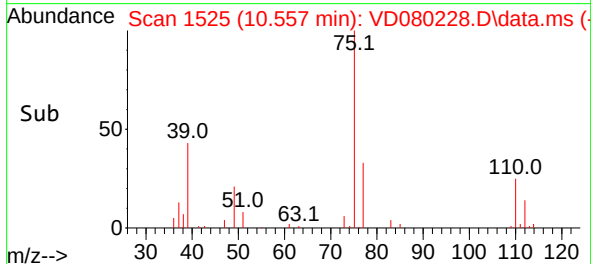
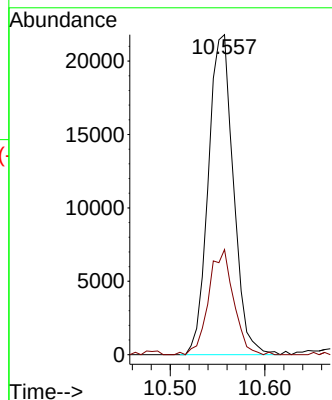
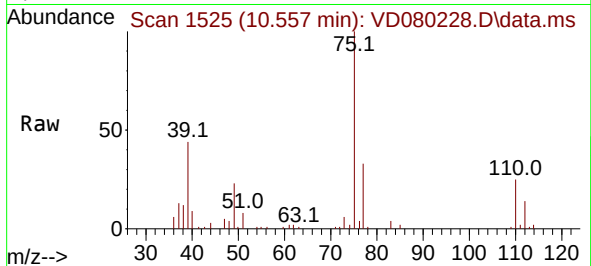




#53
 t-1,3-Dichloropropene
 Concen: 19.840 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

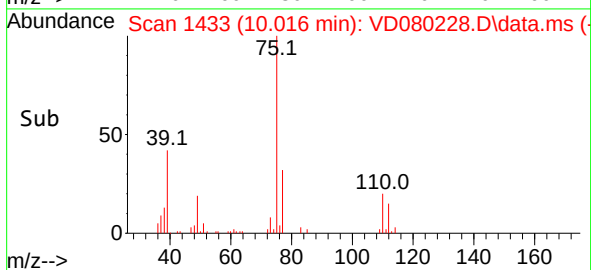
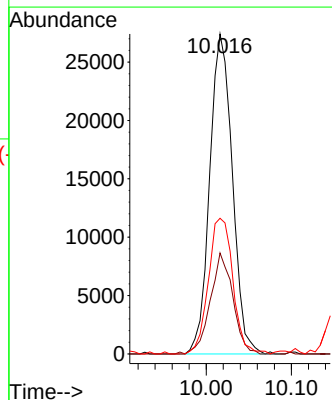
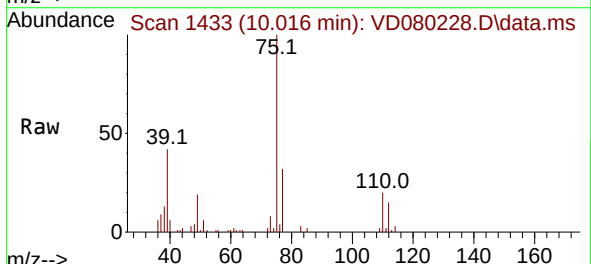
Instrument :
 MSVOA_D
 ClientSampleId :

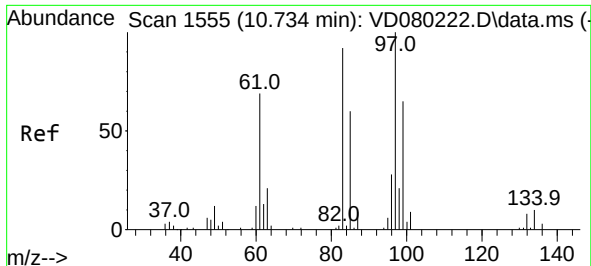
Tgt Ion: 75 Resp: 40232
 Ion Ratio Lower Upper
 75 100
 77 32.9 23.0 34.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.531 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

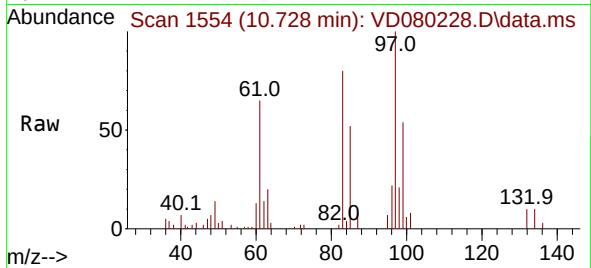
Tgt Ion: 75 Resp: 50642
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.1 36.1
 39 42.4 35.1 52.7





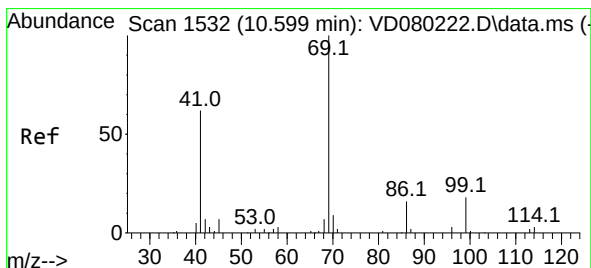
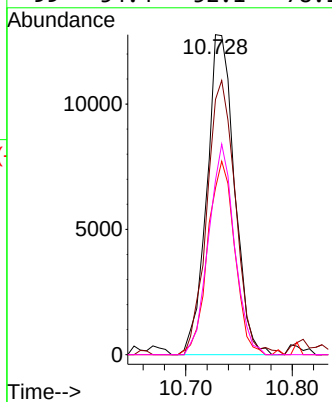
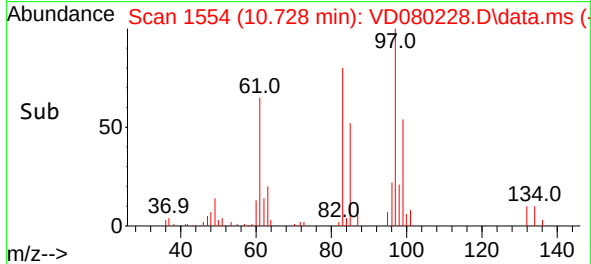
#55
1,1,2-Trichloroethane
Concen: 18.816 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 23062

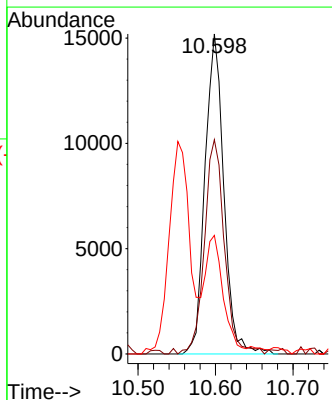
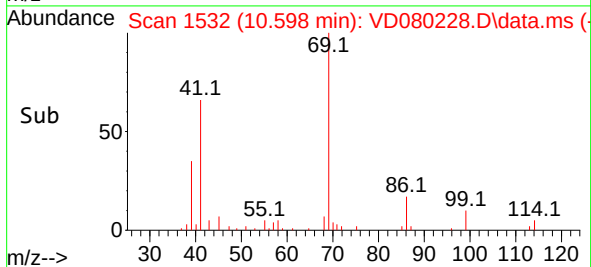
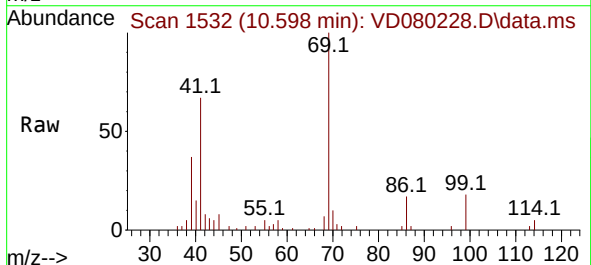
Ion	Ratio	Lower	Upper
97	100		
83	79.8	73.9	110.9
85	52.0	48.2	72.2
99	54.4	52.1	78.1

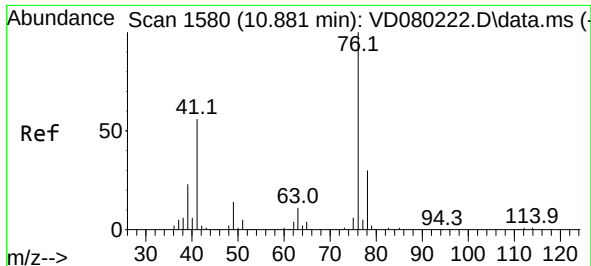


#56
Ethyl methacrylate
Concen: 18.349 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 69 Resp: 25661

Ion	Ratio	Lower	Upper
69	100		
41	70.9	51.8	77.6
39	31.9	28.7	43.1





#57

1,3-Dichloropropane

Concen: 19.185 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

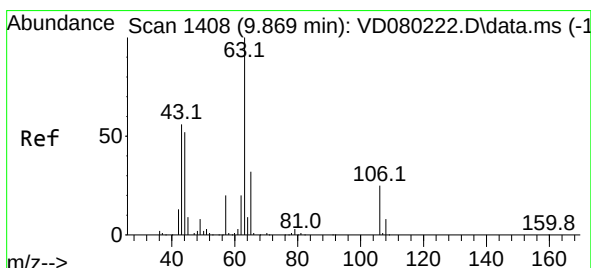
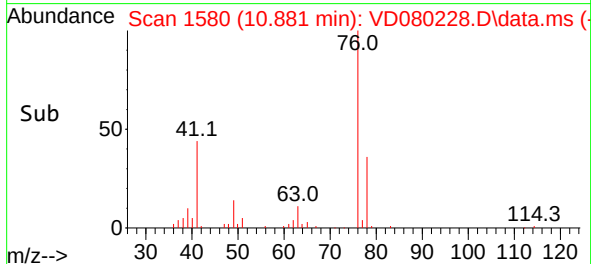
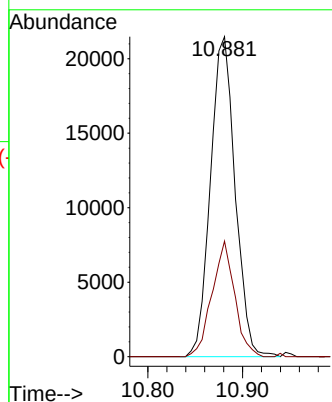
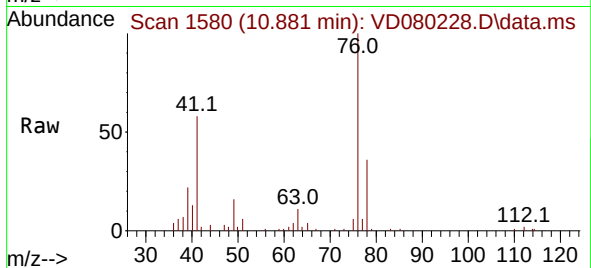
ClientSampleId :

Tgt Ion: 76 Resp: 38891

Ion Ratio Lower Upper

76 100

78 33.2 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 86.051 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080228.D

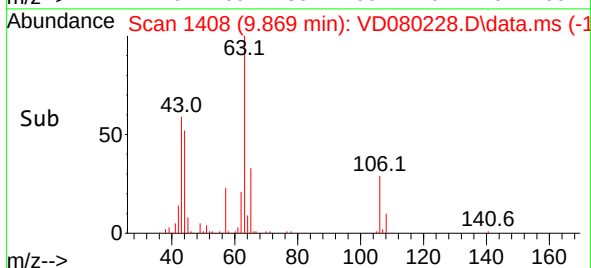
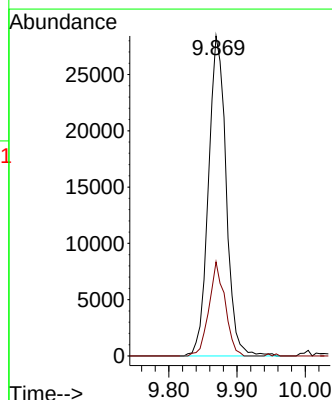
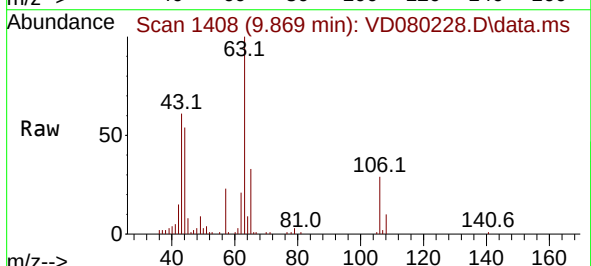
Acq: 03 Feb 2025 16:05

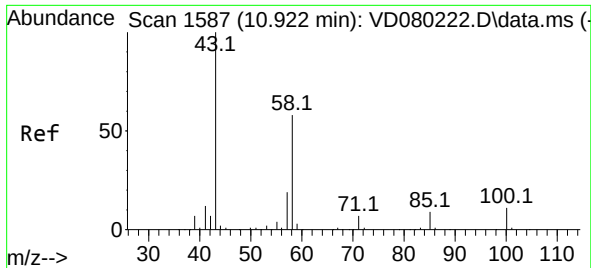
Tgt Ion: 63 Resp: 51362

Ion Ratio Lower Upper

63 100

106 26.7 20.6 30.8

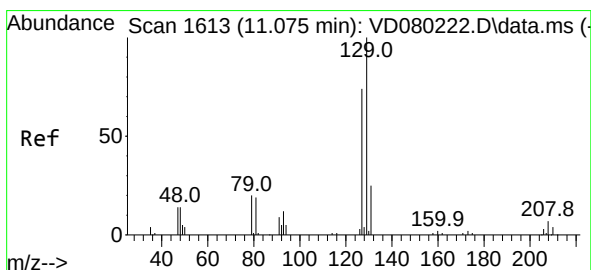
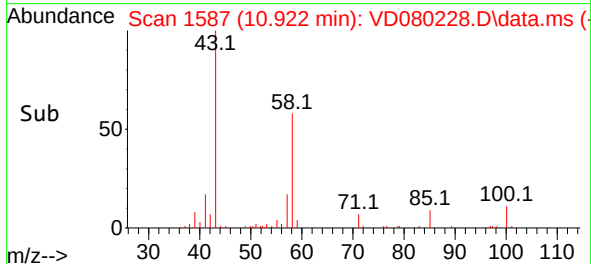
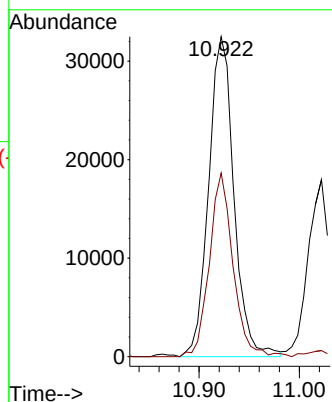
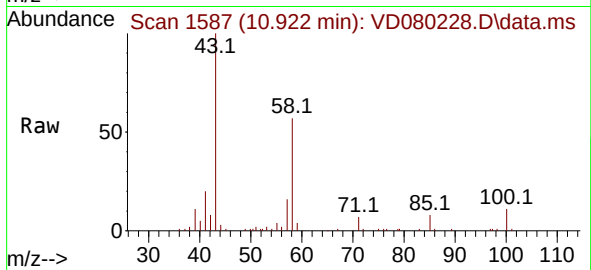




#59
2-Hexanone
Concen: 91.792 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

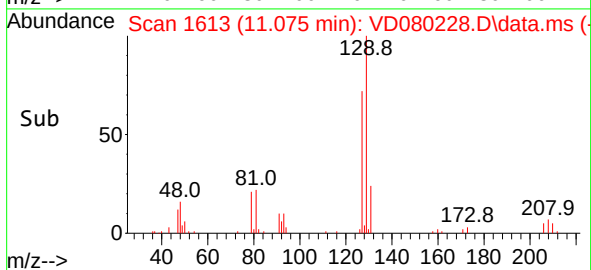
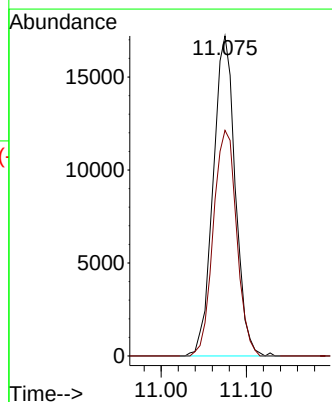
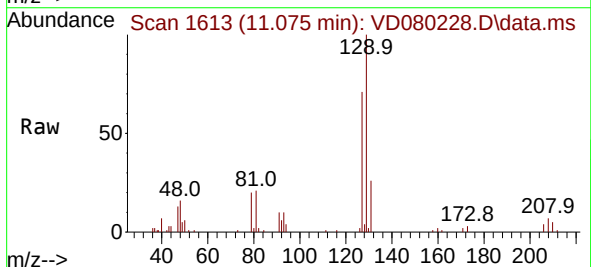
Instrument :
MSVOA_D
ClientSampleId :

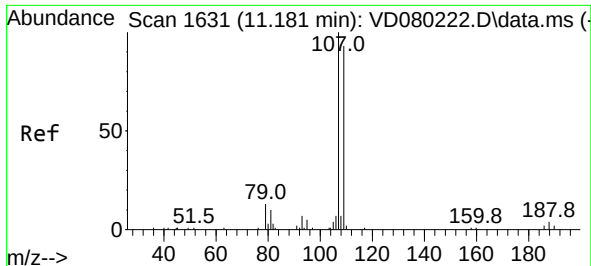
Tgt Ion: 43 Resp: 56921
Ion Ratio Lower Upper
43 100
58 53.8 27.4 82.2



#60
Dibromochloromethane
Concen: 20.550 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:129 Resp: 31045
Ion Ratio Lower Upper
129 100
127 74.3 38.1 114.5

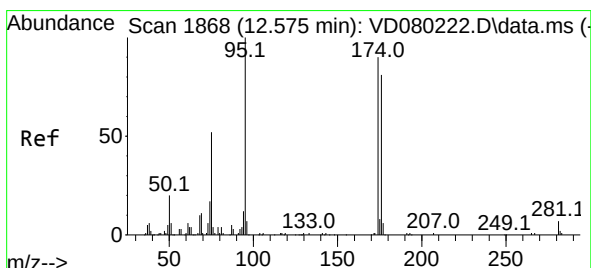
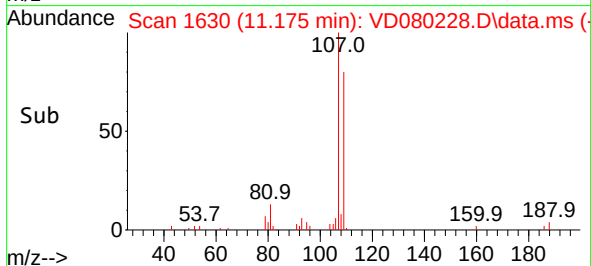
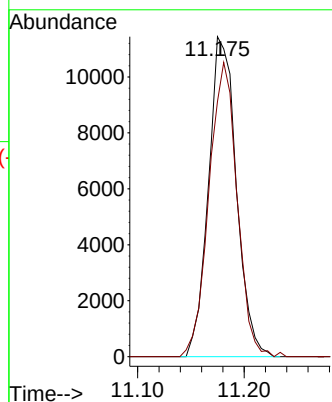
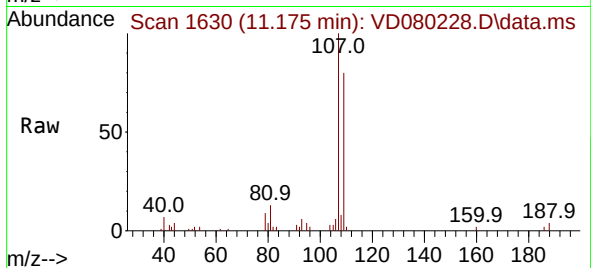




#61
1,2-Dibromoethane
Concen: 18.641 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

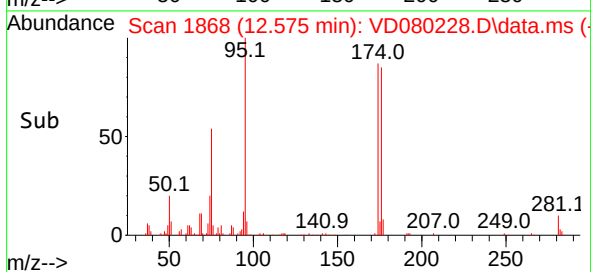
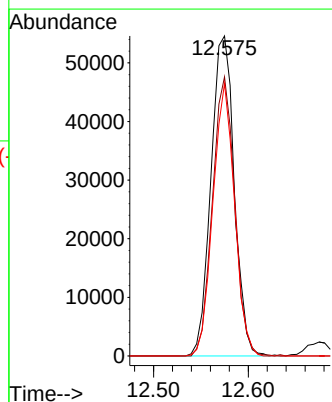
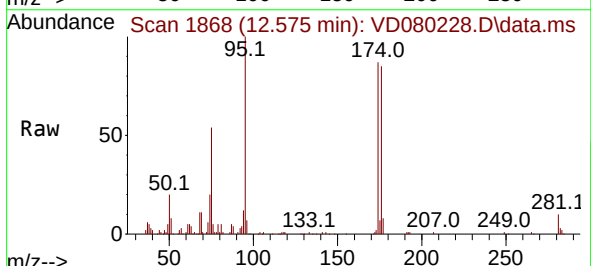
Instrument :
MSVOA_D
ClientSampleId :

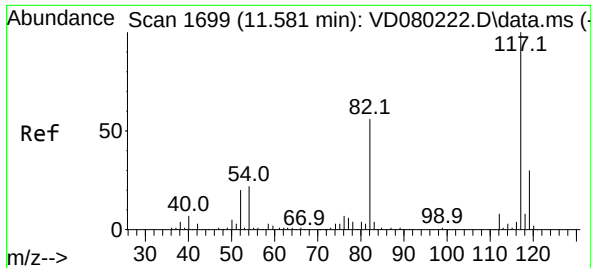
Tgt Ion:107 Resp: 20807
Ion Ratio Lower Upper
107 100
109 92.8 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 52.143 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 95 Resp: 93022
Ion Ratio Lower Upper
95 100
174 83.5 0.0 171.8
176 79.2 0.0 159.6

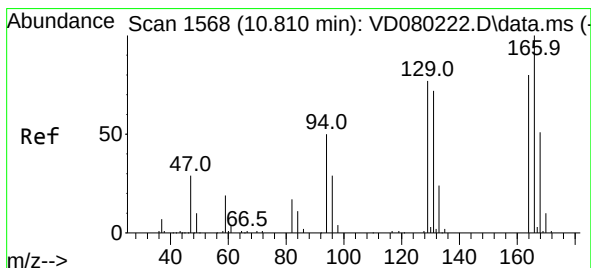
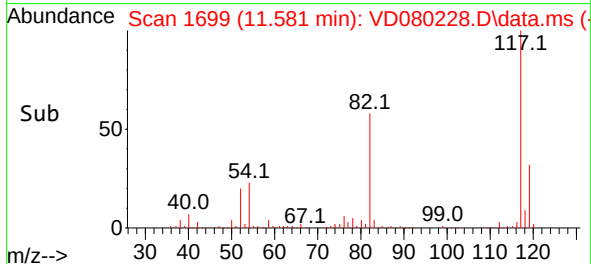
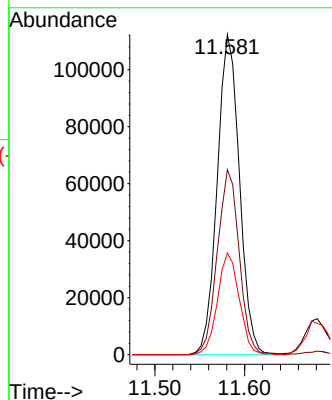
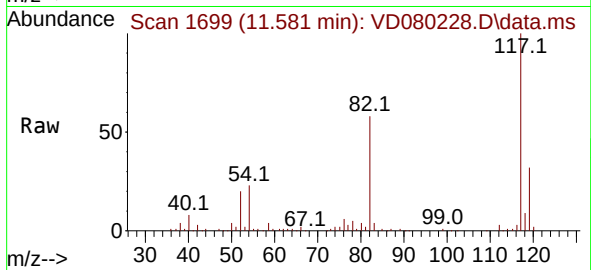




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

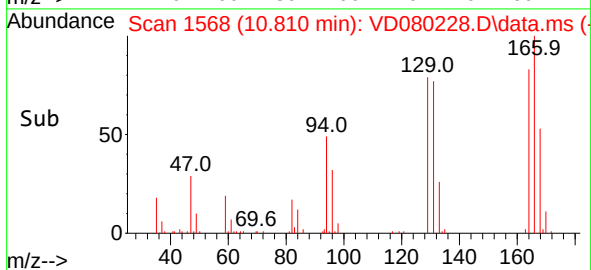
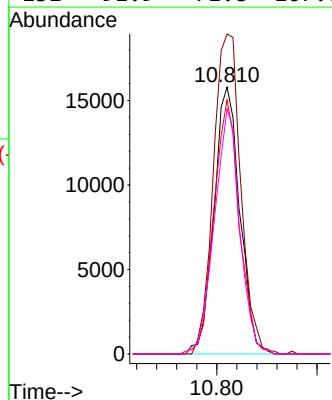
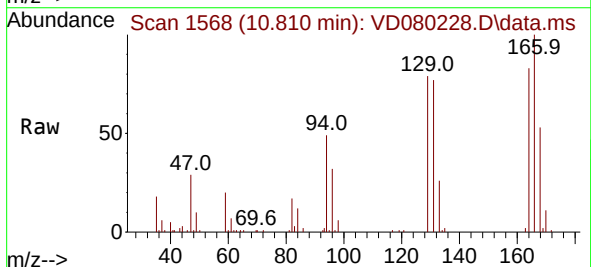
Instrument :
MSVOA_D
ClientSampleId :

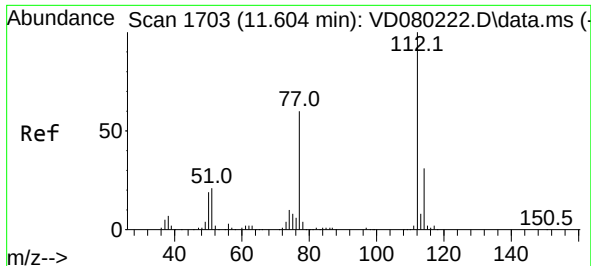
Tgt Ion:117 Resp: 193335
Ion Ratio Lower Upper
117 100
82 57.8 45.0 67.6
119 31.7 24.3 36.5



#64
Tetrachloroethene
Concen: 20.912 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

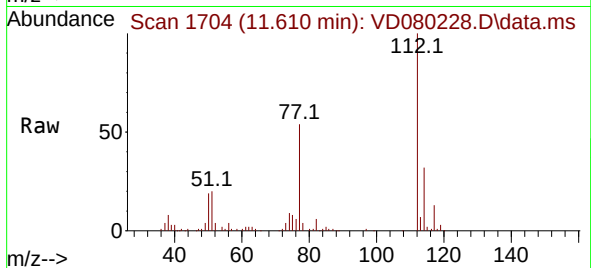
Tgt Ion:164 Resp: 28243
Ion Ratio Lower Upper
164 100
166 119.9 99.4 149.2
129 95.2 76.3 114.5
131 91.9 71.8 107.6



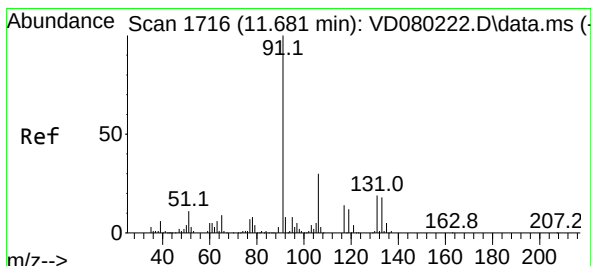
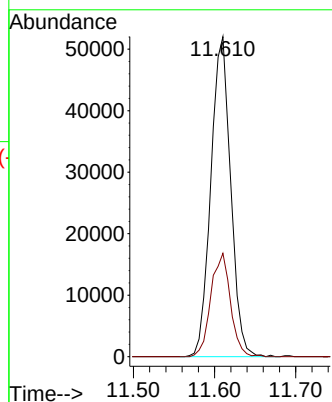
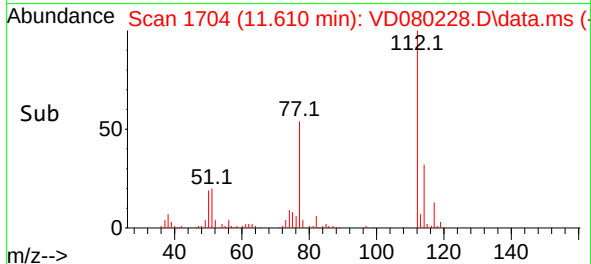


#65
Chlorobenzene
Concen: 19.913 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :

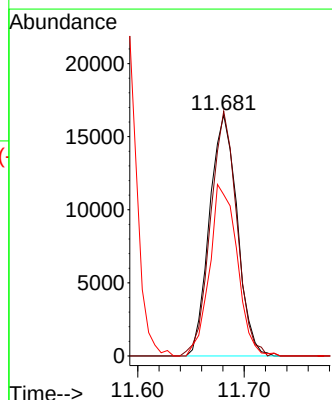
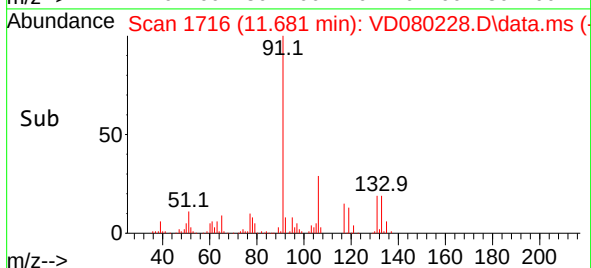
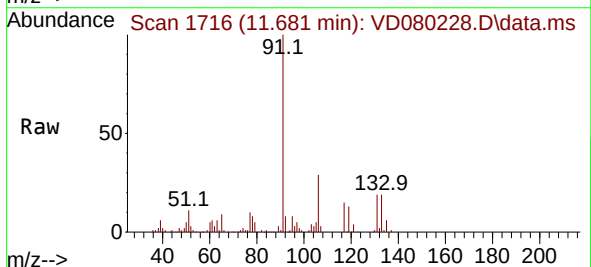


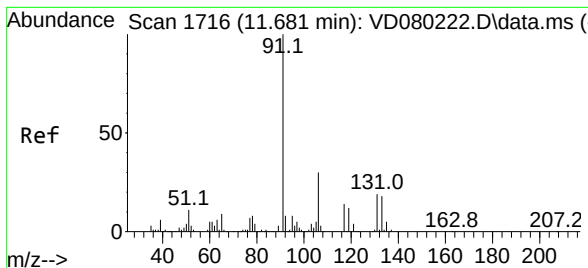
Tgt Ion:112 Resp: 88249
Ion Ratio Lower Upper
112 100
114 32.3 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.188 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:131 Resp: 29747
Ion Ratio Lower Upper
131 100
133 96.8 45.9 137.7
119 70.7 33.9 101.6





#67

Ethyl Benzene

Concen: 20.043 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

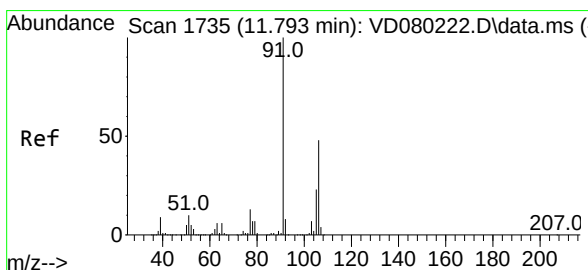
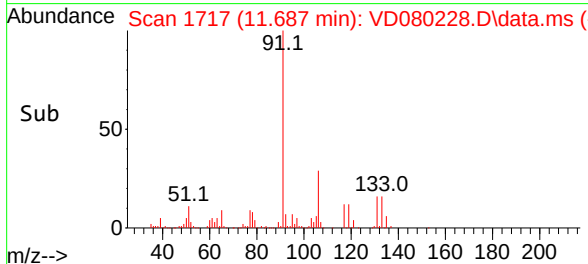
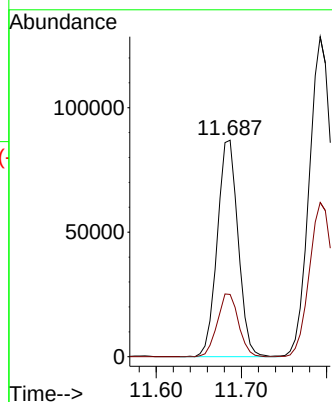
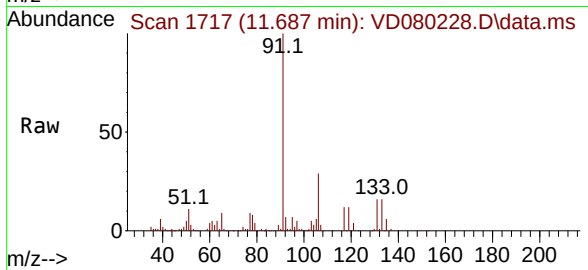
ClientSampleId :

Tgt Ion: 91 Resp: 147761

Ion Ratio Lower Upper

91 100

106 28.7 23.9 35.9



#68

m/p-Xylenes

Concen: 41.064 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD080228.D

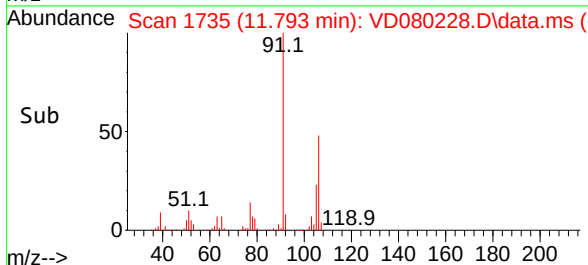
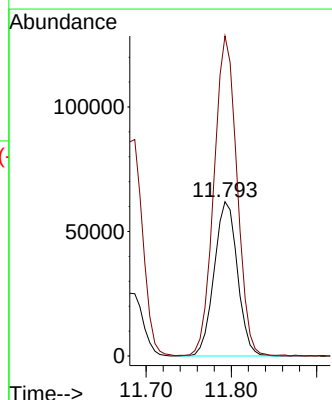
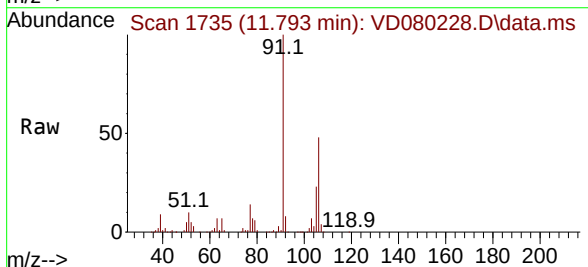
Acq: 03 Feb 2025 16:05

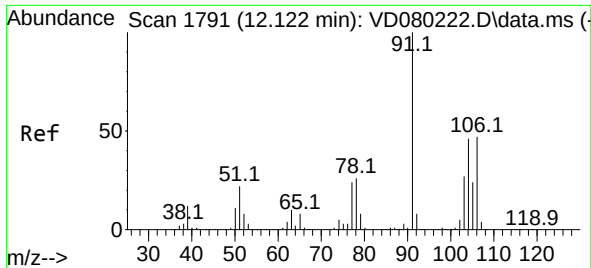
Tgt Ion:106 Resp: 117524

Ion Ratio Lower Upper

106 100

91 205.3 165.8 248.8

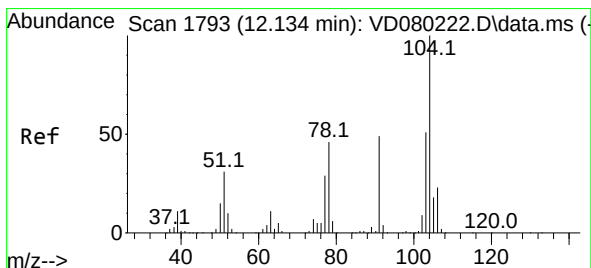
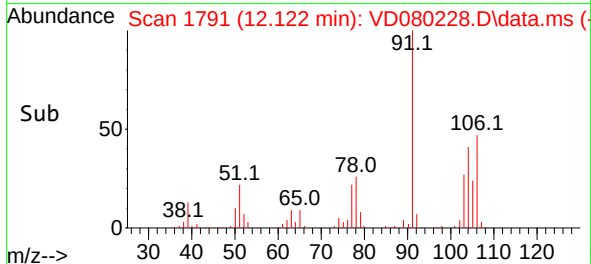
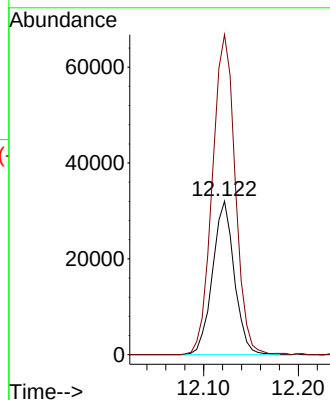
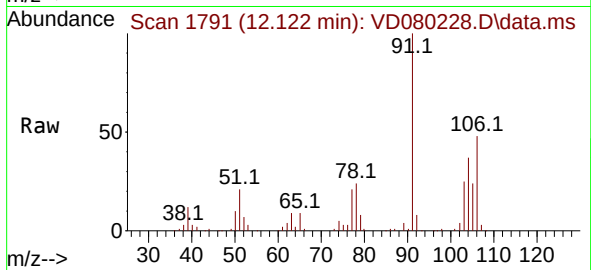




#69
o-Xylene
Concen: 19.553 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

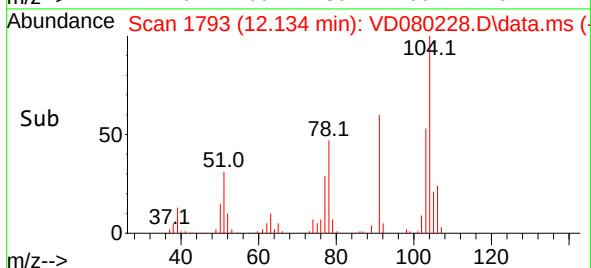
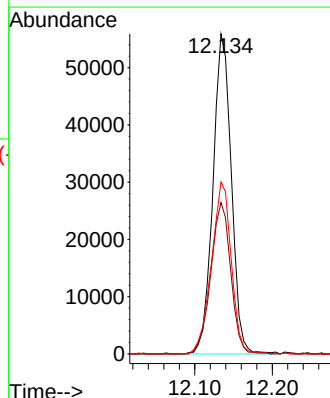
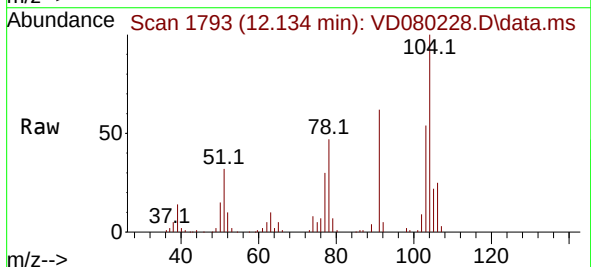
Instrument :
MSVOA_D
ClientSampleId :

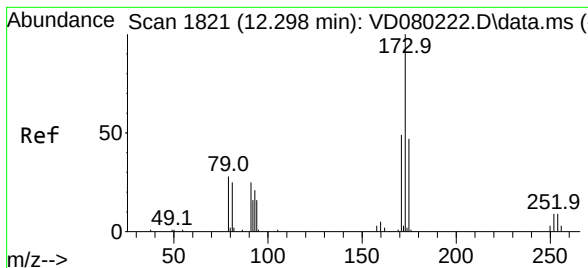
Tgt Ion:106 Resp: 51031
Ion Ratio Lower Upper
106 100
91 219.9 107.7 323.3



#70
Styrene
Concen: 19.867 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:104 Resp: 92293
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 57.9 45.0 67.4





#71

Bromoform

Concen: 17.869 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

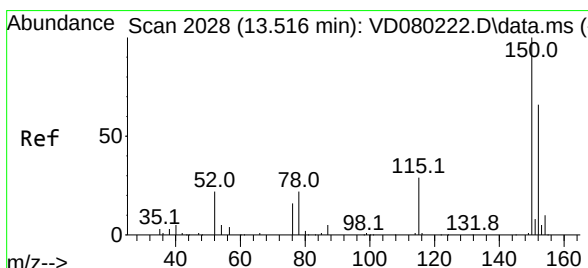
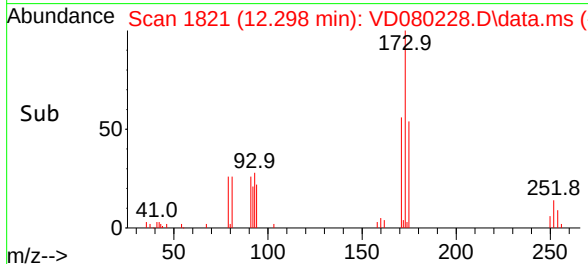
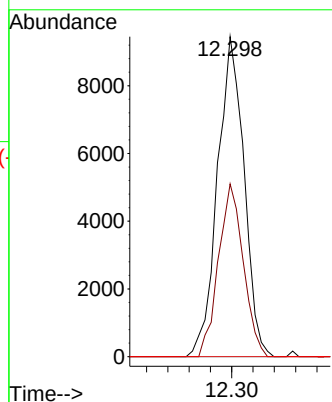
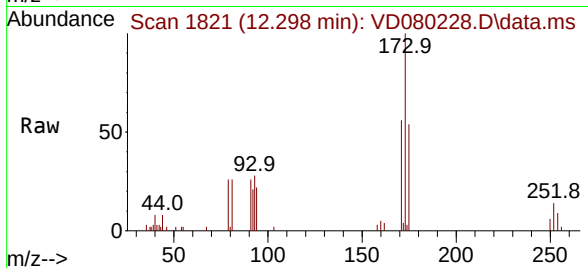
Tgt Ion:173 Resp: 16331

Ion Ratio Lower Upper

173 100

175 50.4 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: VD080228.D

Acq: 03 Feb 2025 16:05

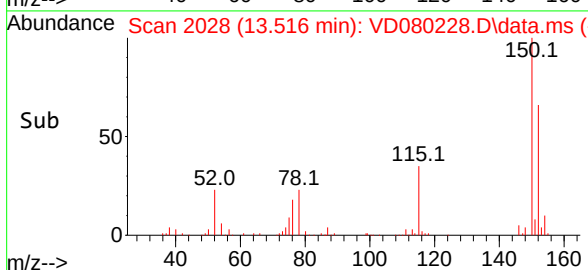
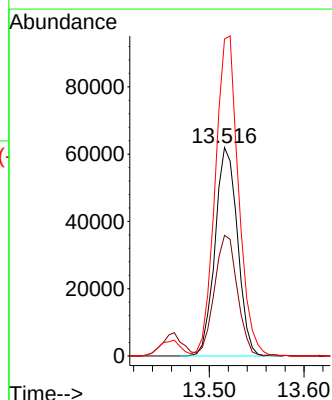
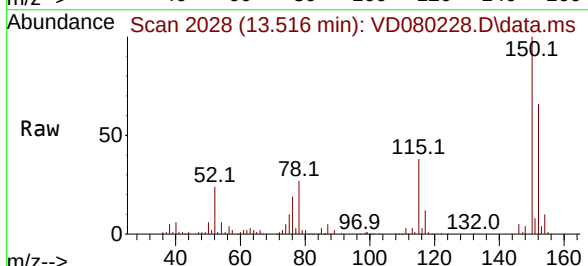
Tgt Ion:152 Resp: 102108

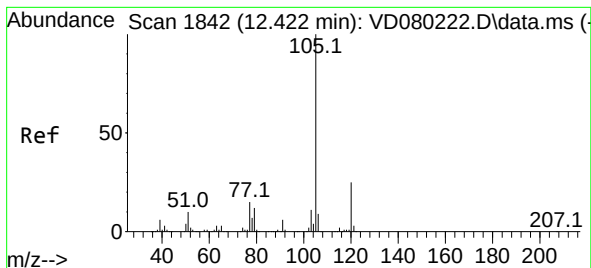
Ion Ratio Lower Upper

152 100

115 58.9 30.0 90.1

150 159.3 0.0 350.4





#73

Isopropylbenzene

Concen: 19.362 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

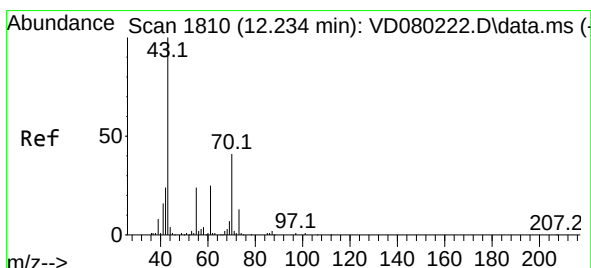
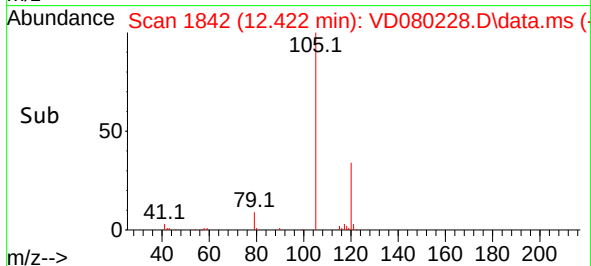
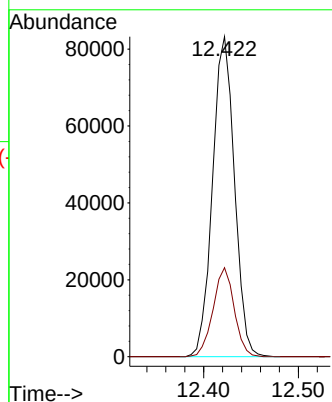
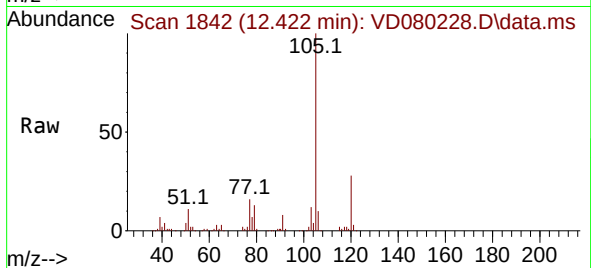
ClientSampleId :

Tgt Ion:105 Resp: 133722

Ion Ratio Lower Upper

105 100

120 26.8 12.9 38.6



#74

N-ethyl acetate

Concen: 18.577 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Tgt Ion: 43 Resp: 33726

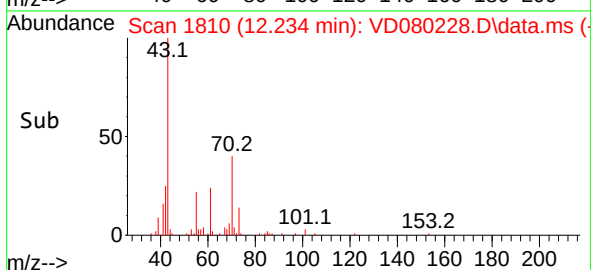
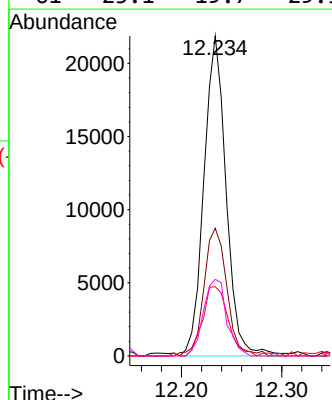
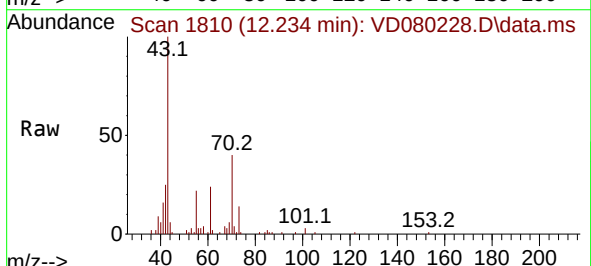
Ion Ratio Lower Upper

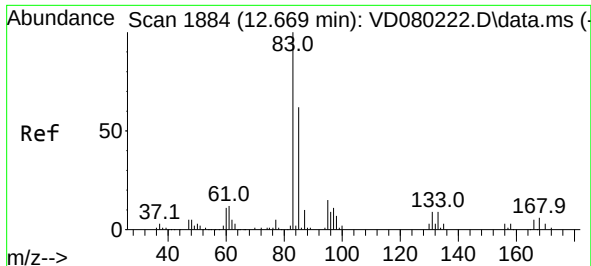
43 100

70 41.3 33.6 50.4

55 24.7 21.4 32.0

61 25.1 19.7 29.5

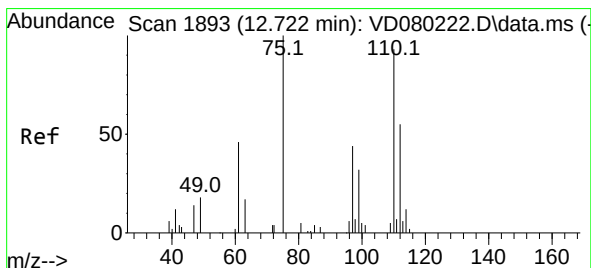
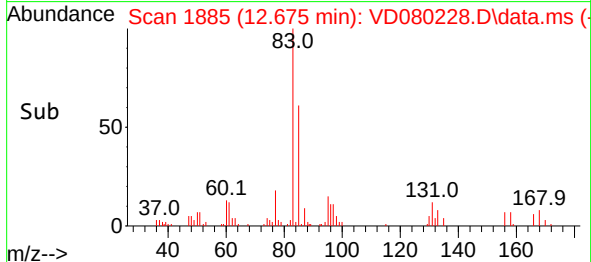
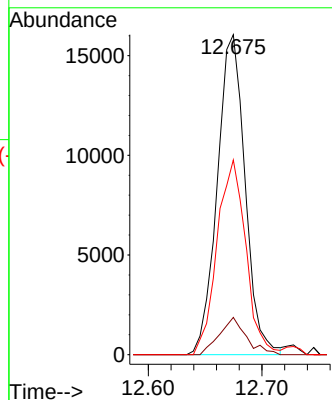
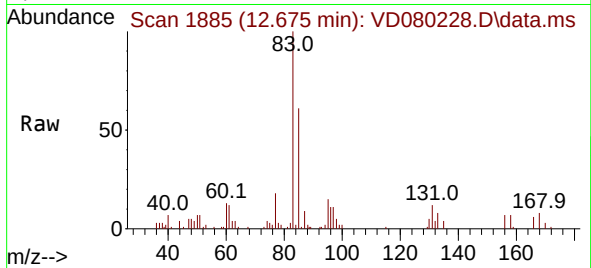




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.047 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

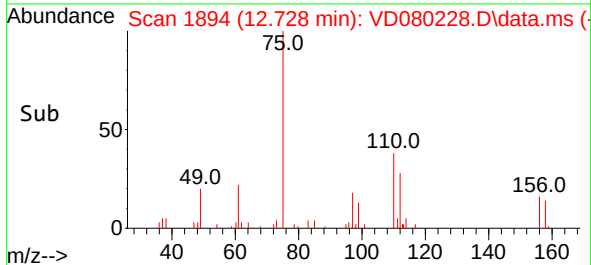
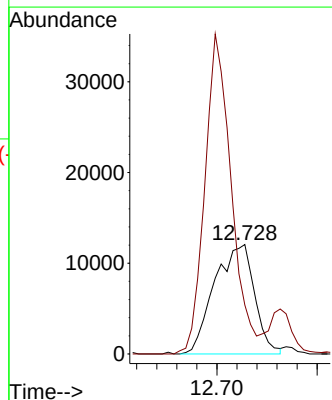
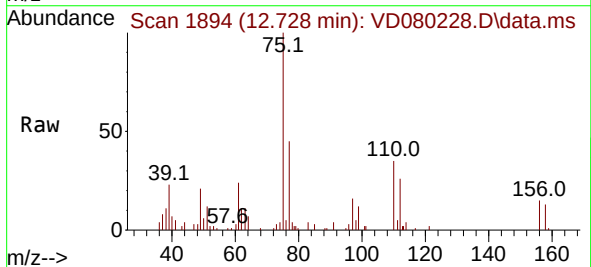
Instrument :
 MSVOA_D
 ClientSampleId :

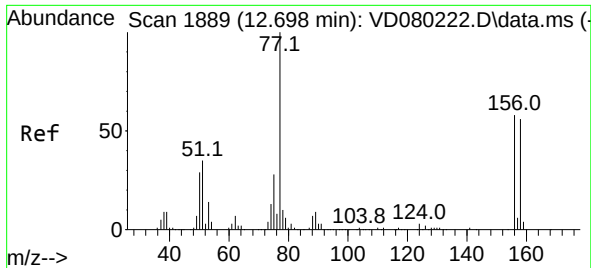
Tgt Ion: 83 Resp: 27374
 Ion Ratio Lower Upper
 83 100
 131 11.3 4.9 14.6
 85 62.8 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 32.508 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Tgt Ion: 75 Resp: 33488
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

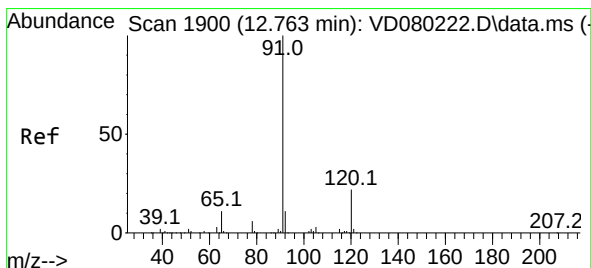
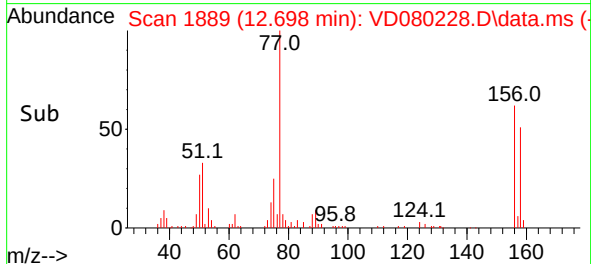
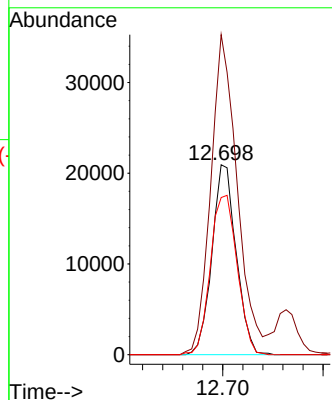
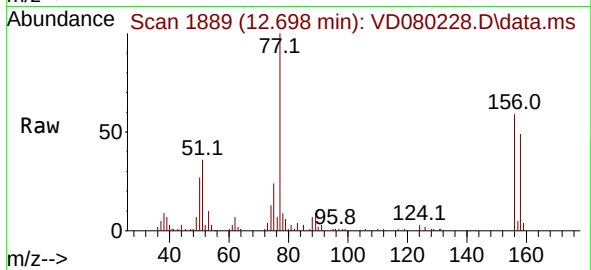




#77
Bromobenzene
Concen: 19.702 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

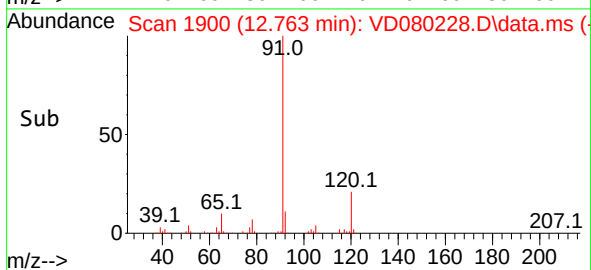
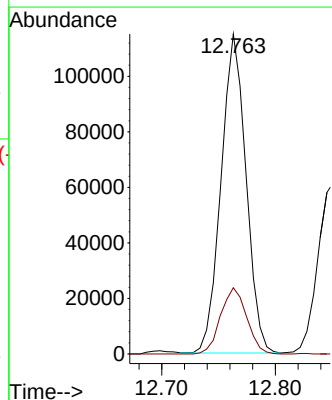
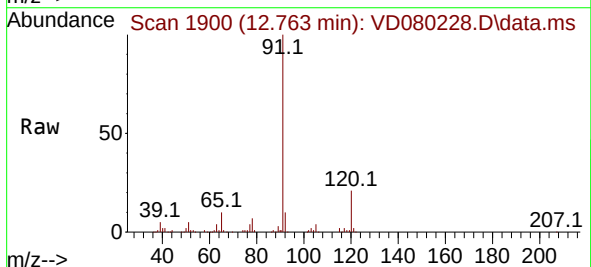
Instrument :
MSVOA_D
ClientSampleId :

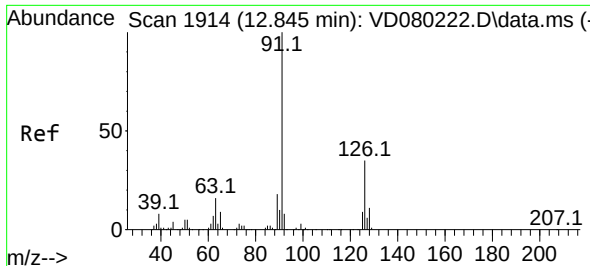
Tgt Ion:156 Resp: 35098
Ion Ratio Lower Upper
156 100
77 183.4 95.2 285.4
158 92.9 47.8 143.3



#78
n-propylbenzene
Concen: 19.927 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 91 Resp: 175227
Ion Ratio Lower Upper
91 100
120 21.6 11.0 33.0

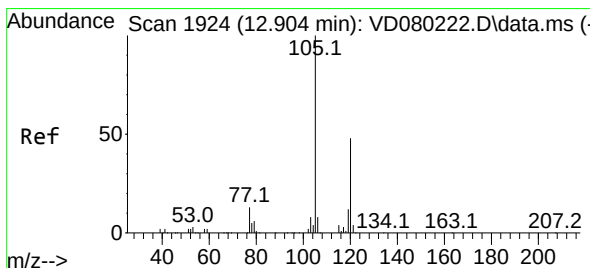
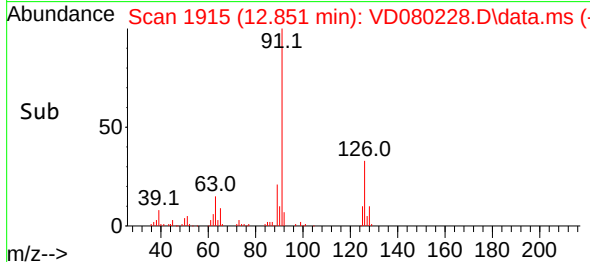
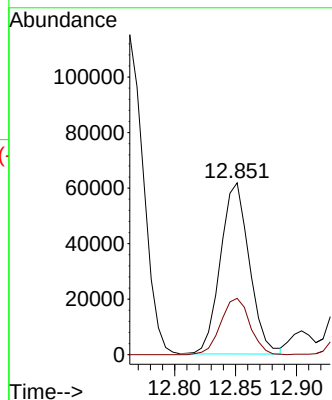
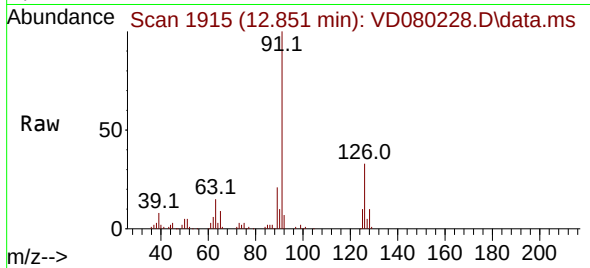




#79
2-Chlorotoluene
Concen: 20.382 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

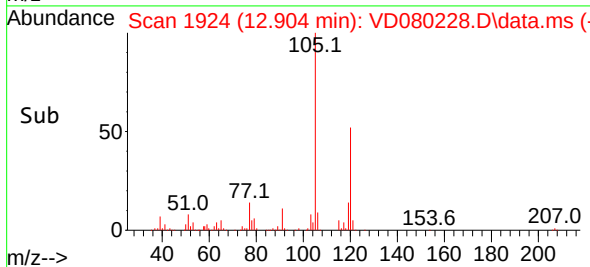
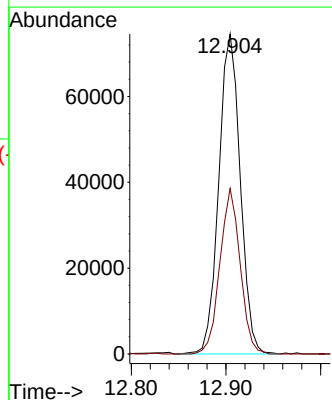
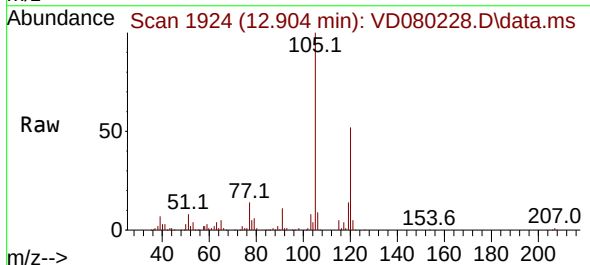
Instrument :
MSVOA_D
ClientSampleId :

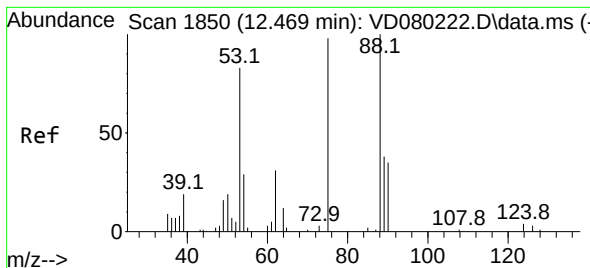
Tgt Ion: 91 Resp: 101821
Ion Ratio Lower Upper
91 100
126 33.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 20.341 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion: 105 Resp: 117491
Ion Ratio Lower Upper
105 100
120 48.8 23.5 70.5

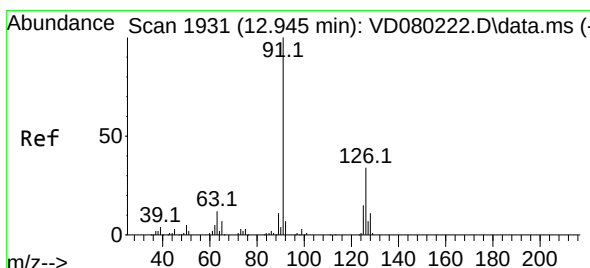
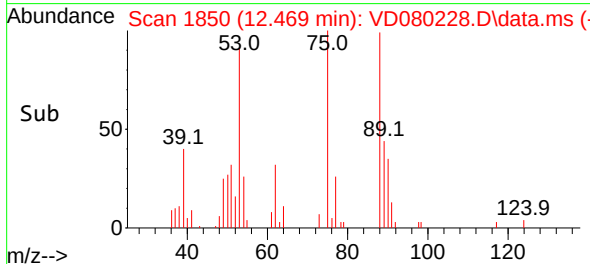
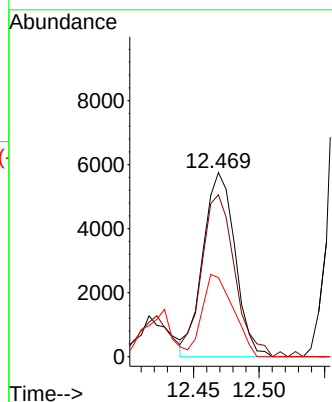
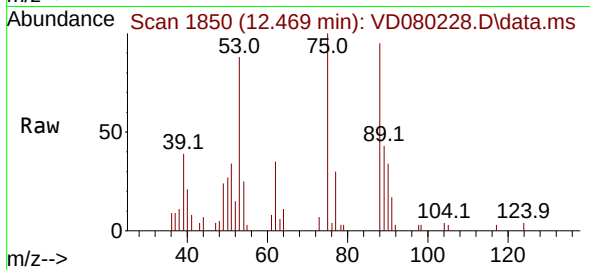




#81
trans-1,4-Dichloro-2-butene
Concen: 19.387 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

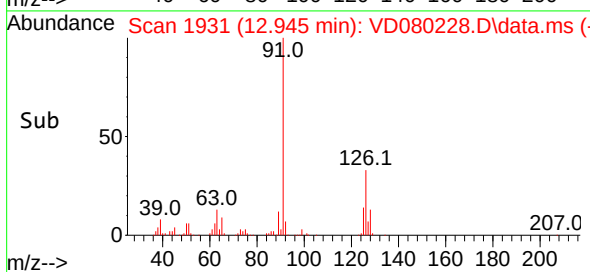
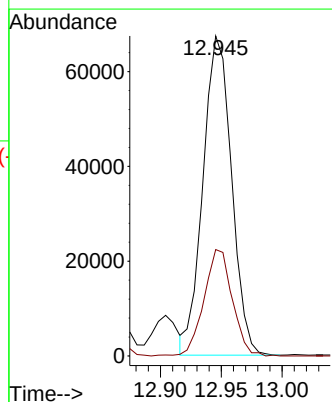
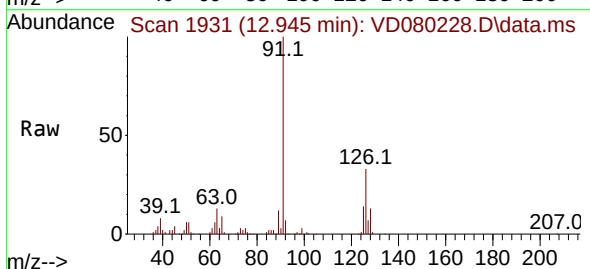
Instrument :
MSVOA_D
ClientSampleId :

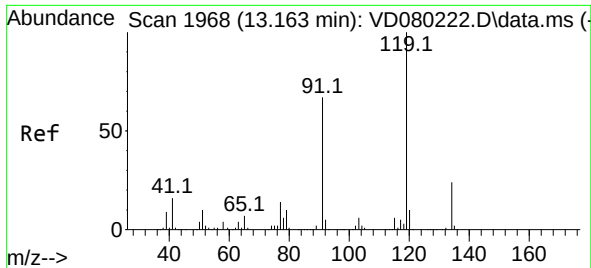
Tgt Ion: 75 Resp: 9792
Ion Ratio Lower Upper
75 100
53 91.6 69.1 103.7
89 43.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 20.730 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

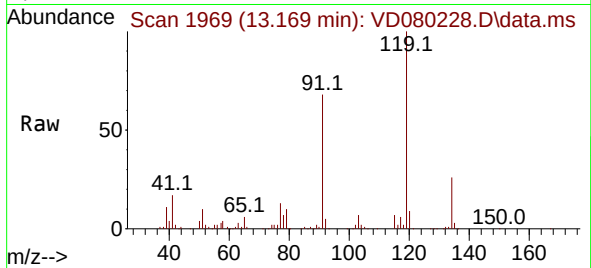
Tgt Ion: 91 Resp: 110051
Ion Ratio Lower Upper
91 100
126 33.1 16.9 50.6



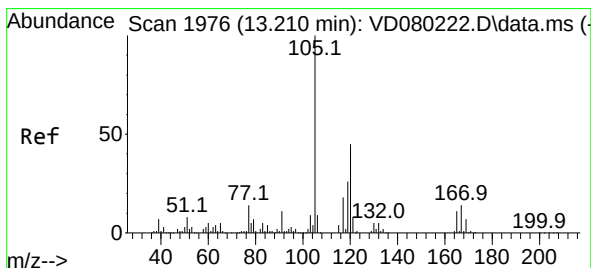
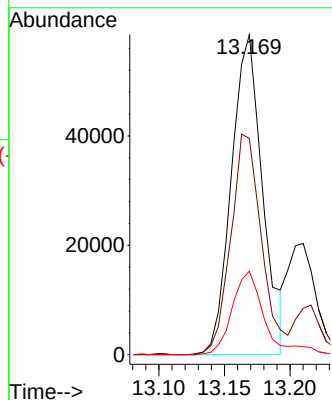
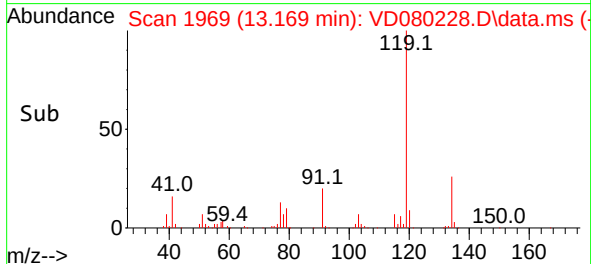


#83
 tert-Butylbenzene
 Concen: 20.494 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.006 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Instrument :
 MSVOA_D
 ClientSampleId :

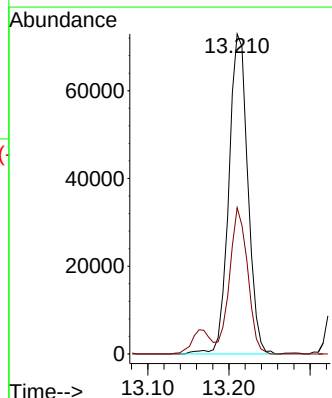
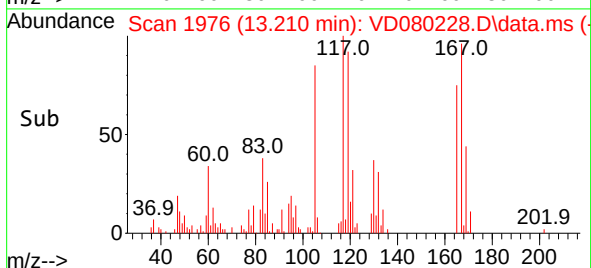
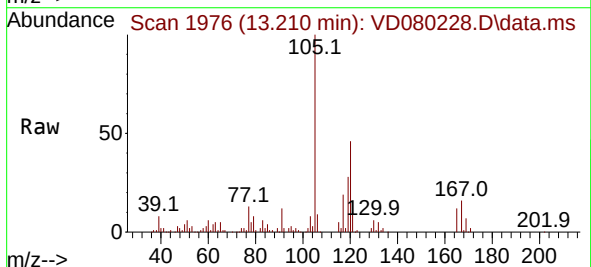


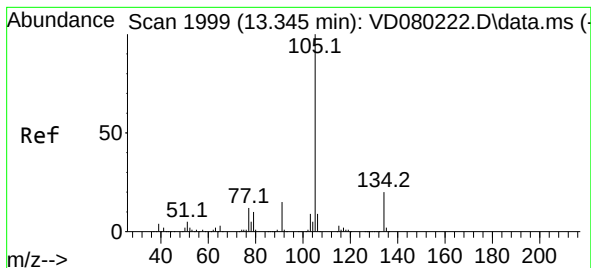
Tgt Ion:119 Resp: 96774
 Ion Ratio Lower Upper
 119 100
 91 68.5 34.5 103.5
 134 27.2 13.0 38.9



#84
 1,2,4-Trimethylbenzene
 Concen: 20.105 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD080228.D
 Acq: 03 Feb 2025 16:05

Tgt Ion:105 Resp: 118202
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5





#85

sec-Butylbenzene

Concen: 20.984 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

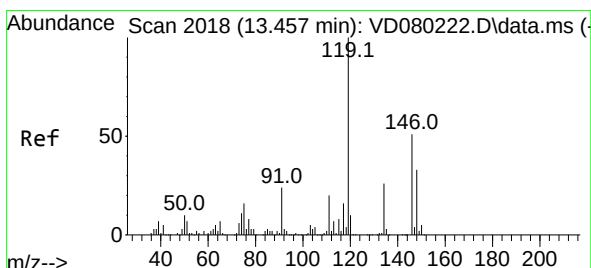
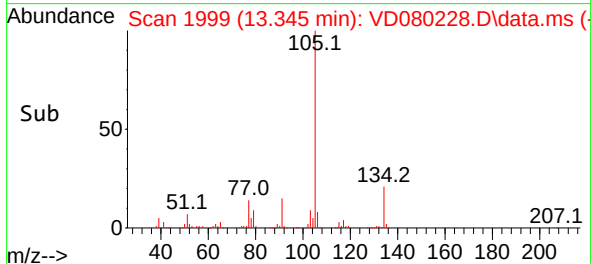
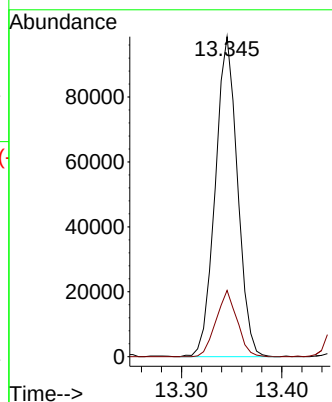
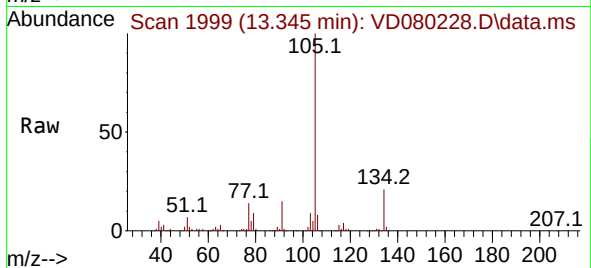
ClientSampleId :

Tgt Ion:105 Resp: 151502

Ion Ratio Lower Upper

105 100

134 19.6 9.8 29.4



#86

p-Isopropyltoluene

Concen: 19.961 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

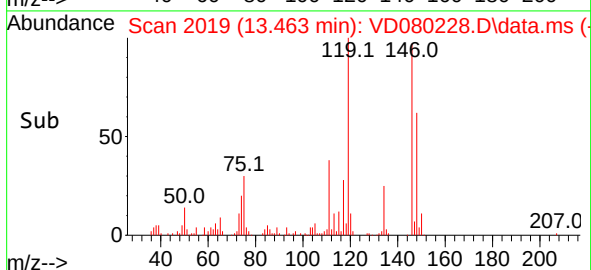
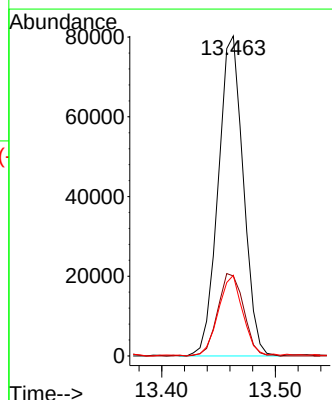
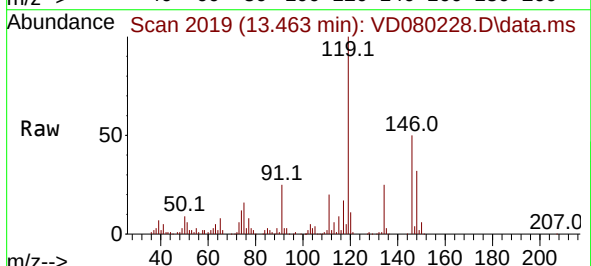
Tgt Ion:119 Resp: 123057

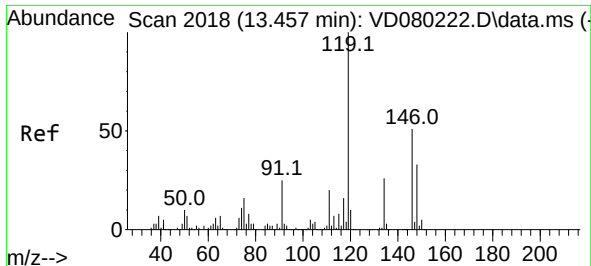
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.9

91 24.8 12.4 37.2

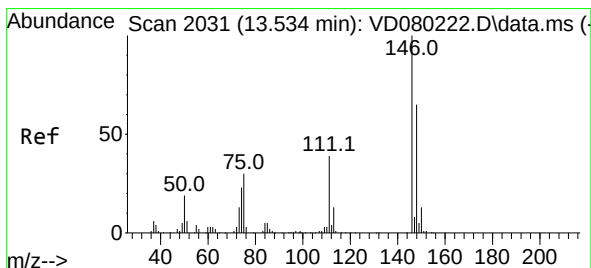
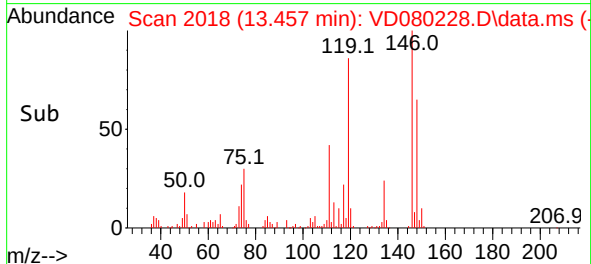
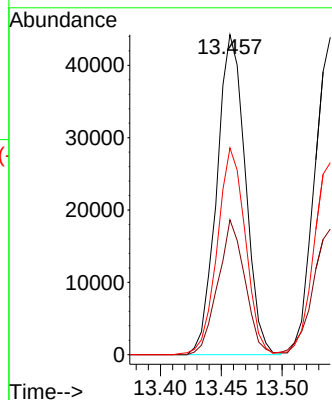
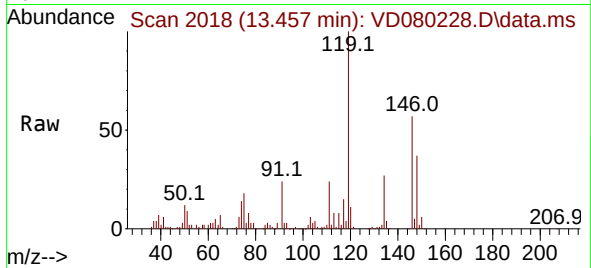




#87
1,3-Dichlorobenzene
Concen: 20.539 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

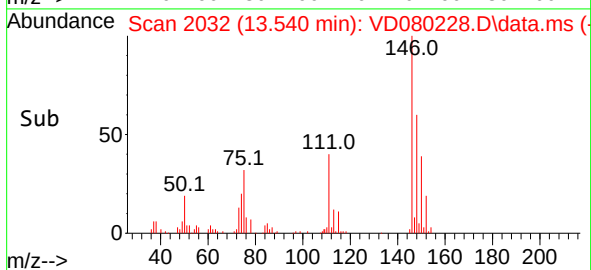
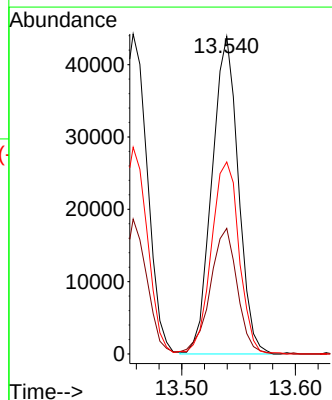
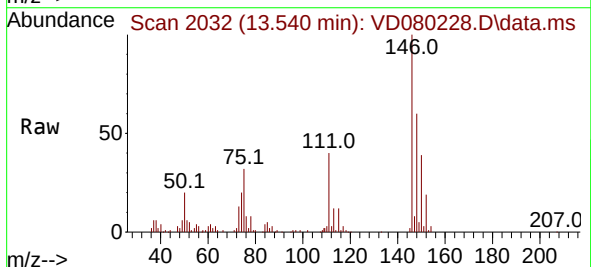
Instrument :
MSVOA_D
ClientSampleId :

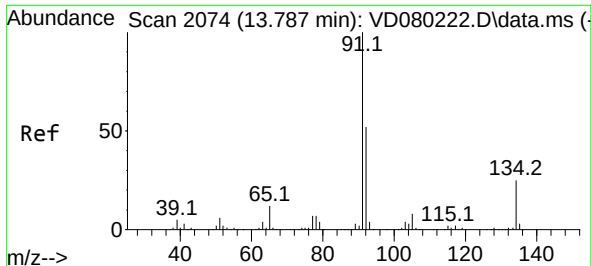
Tgt Ion:146 Resp: 72067
Ion Ratio Lower Upper
146 100
111 39.9 20.5 61.6
148 63.6 32.2 96.6



#88
1,4-Dichlorobenzene
Concen: 19.926 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Tgt Ion:146 Resp: 70767
Ion Ratio Lower Upper
146 100
111 40.7 19.7 59.0
148 63.8 32.3 96.8





#89

n-Butylbenzene

Concen: 19.506 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :

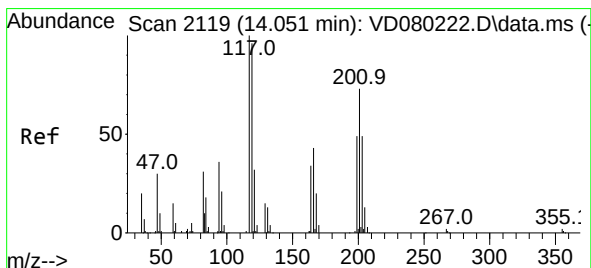
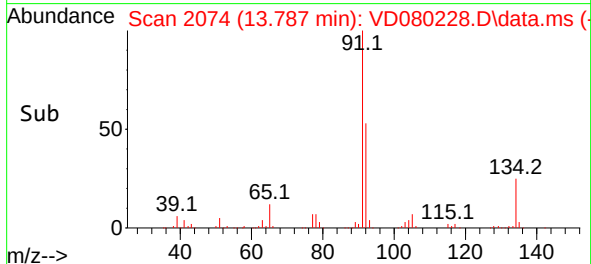
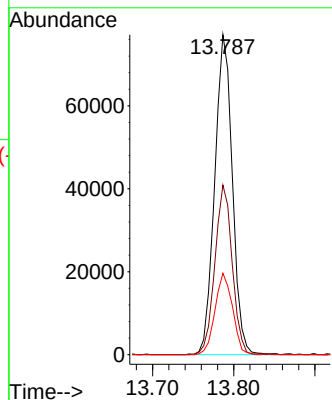
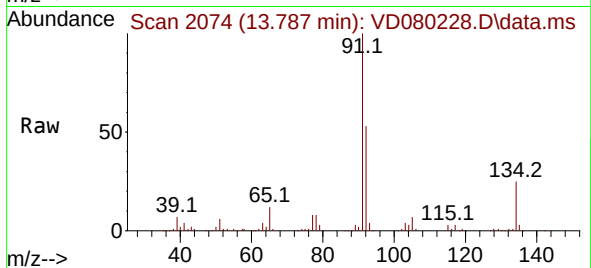
Tgt Ion: 91 Resp: 116857

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

134 25.1 12.4 37.0



#90

Hexachloroethane

Concen: 19.802 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.000 min

Lab File: VD080228.D

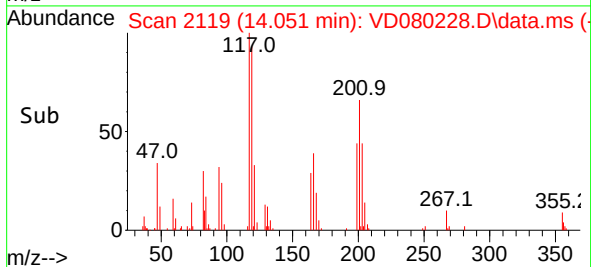
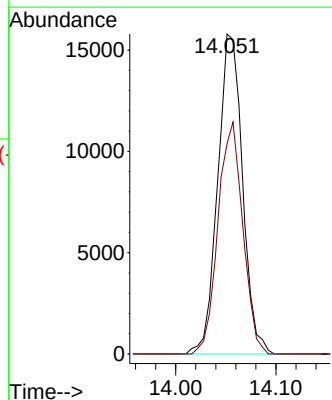
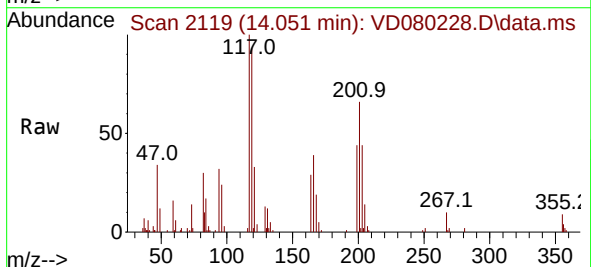
Acq: 03 Feb 2025 16:05

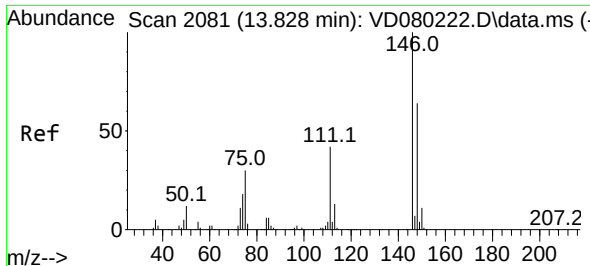
Tgt Ion: 117 Resp: 27131

Ion Ratio Lower Upper

117 100

201 72.3 36.0 108.0





#91

1,2-Dichlorobenzene

Concen: 19.429 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

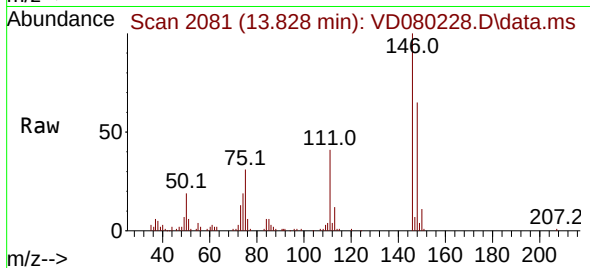
Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

Instrument :

MSVOA_D

ClientSampleId :



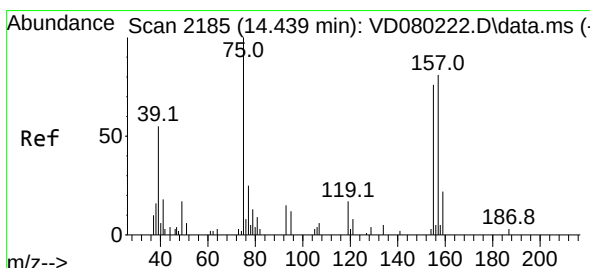
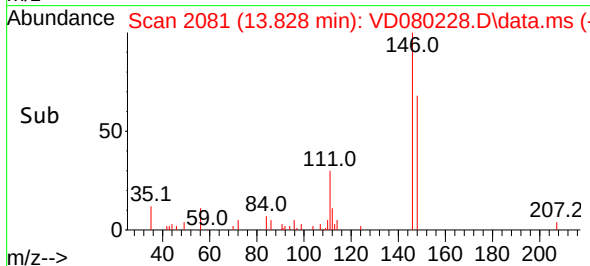
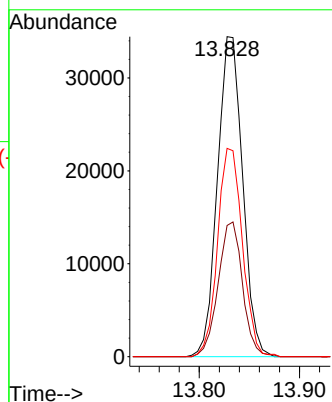
Tgt Ion:146 Resp: 60070

Ion Ratio Lower Upper

146 100

111 40.8 21.0 63.0

148 64.2 32.5 97.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.992 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.012 min

Lab File: VD080228.D

Acq: 03 Feb 2025 16:05

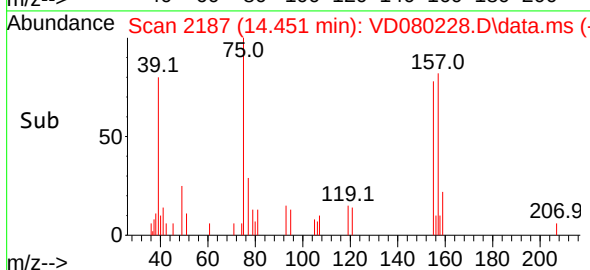
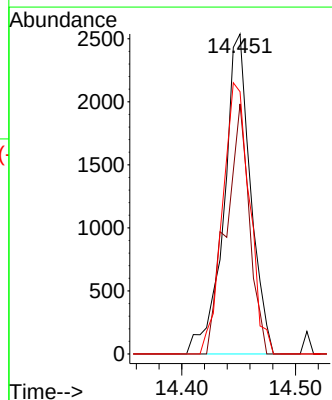
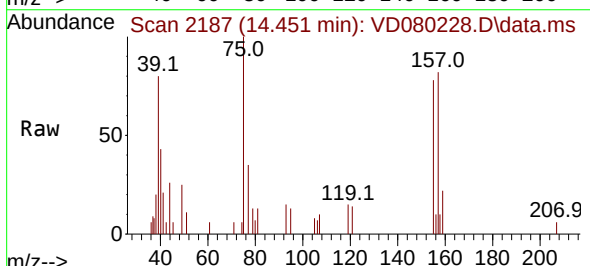
Tgt Ion: 75 Resp: 4114

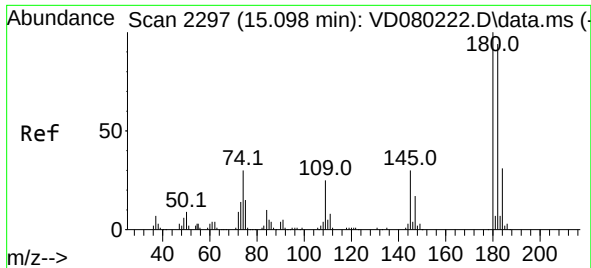
Ion Ratio Lower Upper

75 100

155 68.9 41.5 124.6

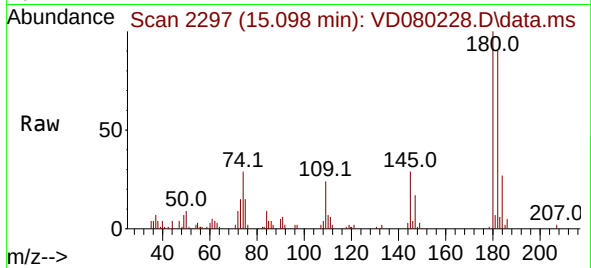
157 86.0 50.5 151.5



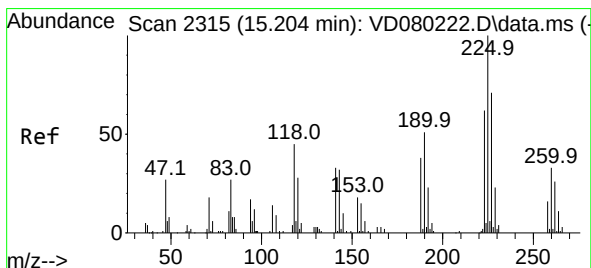
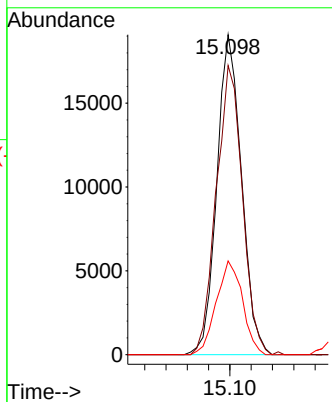
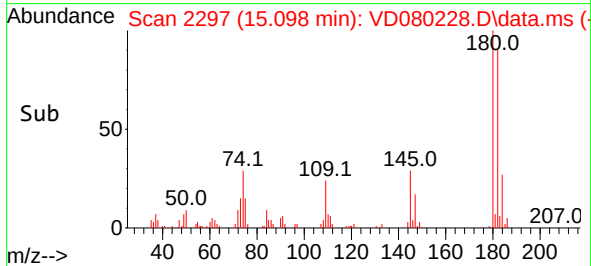


#93
1,2,4-Trichlorobenzene
Concen: 15.554 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

Instrument :
MSVOA_D
ClientSampleId :

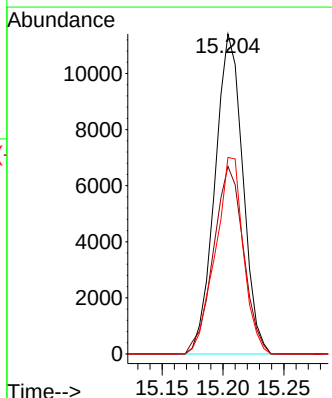
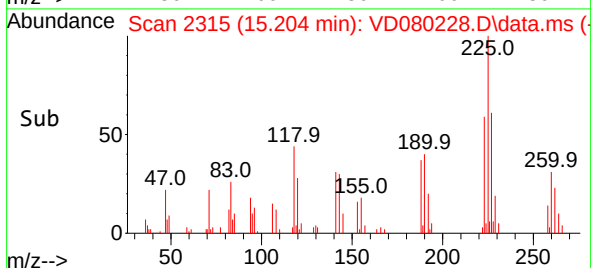
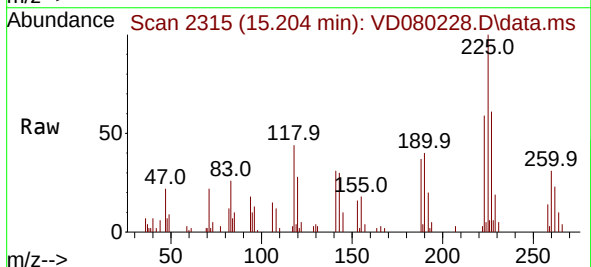


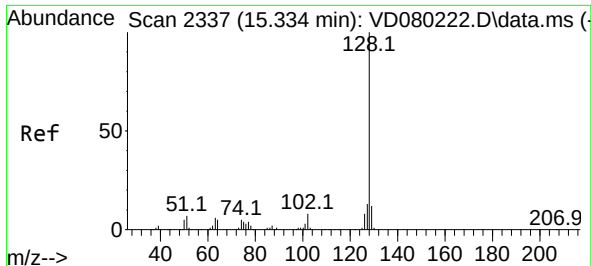
Tgt Ion:180 Resp: 30655
Ion Ratio Lower Upper
180 100
182 95.8 47.5 142.5
145 31.1 14.6 44.0



#94
Hexachlorobutadiene
Concen: 17.045 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

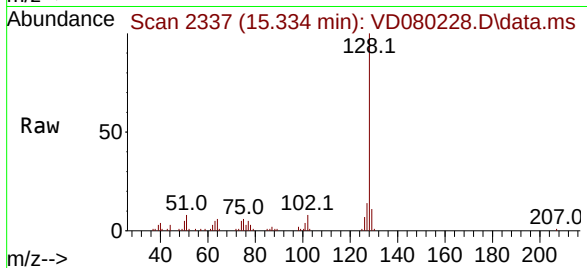
Tgt Ion:225 Resp: 18193
Ion Ratio Lower Upper
225 100
223 63.2 31.3 93.8
227 61.6 32.4 97.2



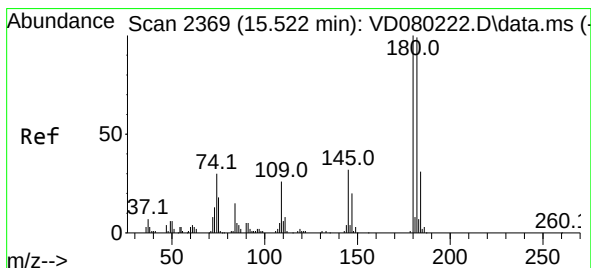
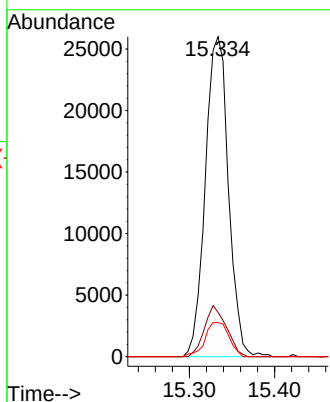
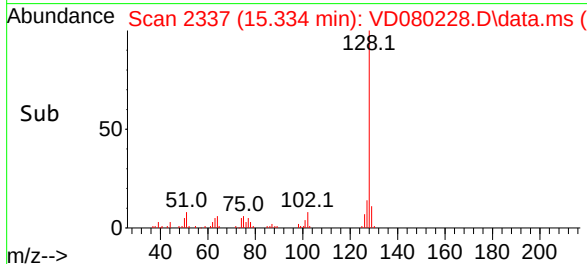


#95
Naphthalene
Concen: 15.982 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05

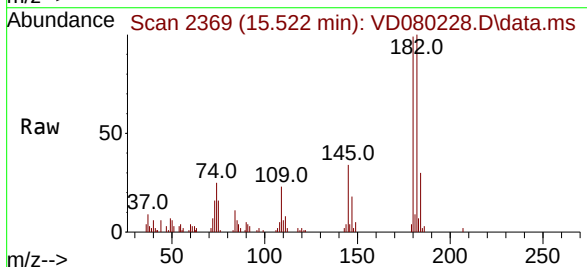
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.9	10.6	15.8
129	10.7	9.4	14.0



#96
1,2,3-Trichlorobenzene
Concen: 15.345 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080228.D
Acq: 03 Feb 2025 16:05



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	32.2	15.6	46.7

