

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080221.D
 Acq On : 03 Feb 2025 11:21
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:31:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	133247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	220065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	201909	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	101736	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	36387	20.993	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.980%#
35) Dibromofluoromethane	7.811	113	34223	21.942	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	43.880%#
50) Toluene-d8	10.269	98	122045	21.101	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	42.200%#
62) 4-Bromofluorobenzene	12.575	95	37635	20.279	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	40.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	34967	24.445	ug/l	97
3) Chloromethane	2.152	50	61174	22.039	ug/l	98
4) Vinyl Chloride	2.281	62	71211	21.207	ug/l	99
5) Bromomethane	2.676	94	54429	24.223	ug/l	100
6) Chloroethane	2.828	64	45447	20.320	ug/l	94
7) Trichlorofluoromethane	3.170	101	57892	20.804	ug/l	100
8) Diethyl Ether	3.599	74	15366	20.184	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.970	101	32684	20.290	ug/l	97
10) Methyl Iodide	4.158	142	21299	19.419	ug/l	98
11) Tert butyl alcohol	5.052	59	9728	101.604	ug/l	100
12) 1,1-Dichloroethene	3.934	96	31611	20.717	ug/l	94
13) Acrolein	3.799	56	19110	105.857	ug/l	97
14) Allyl chloride	4.564	41	45720	19.443	ug/l	96
15) Acrylonitrile	5.258	53	36115	98.742	ug/l	96
16) Acetone	4.028	43	28252	101.138	ug/l	88
17) Carbon Disulfide	4.270	76	117841	21.413	ug/l	99
18) Methyl Acetate	4.570	43	18538	19.668	ug/l	96
19) Methyl tert-butyl Ether	5.328	73	65597	19.527	ug/l	92
20) Methylene Chloride	4.805	84	39761	20.975	ug/l #	94
21) trans-1,2-Dichloroethene	5.311	96	33861	19.533	ug/l	94
22) Diisopropyl ether	6.222	45	102438	20.932	ug/l	98
23) Vinyl Acetate	6.158	43	284407	100.664	ug/l	97
24) 1,1-Dichloroethane	6.111	63	65221	20.331	ug/l	97
25) 2-Butanone	7.087	43	42535	98.170	ug/l	96
26) 2,2-Dichloropropane	7.081	77	53170	19.109	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	37511	19.154	ug/l	98
28) Bromochloromethane	7.428	49	30601	20.903	ug/l #	99
29) Tetrahydrofuran	7.446	42	28333	99.839	ug/l	98
30) Chloroform	7.599	83	66987	20.424	ug/l	96
31) Cyclohexane	7.875	56	50180	19.540	ug/l #	94
32) 1,1,1-Trichloroethane	7.793	97	55104	20.081	ug/l	99
36) 1,1-Dichloropropene	8.011	75	46228	20.694	ug/l	96
37) Ethyl Acetate	7.169	43	23316	21.285	ug/l #	79
38) Carbon Tetrachloride	7.993	117	48435	20.758	ug/l #	90
39) Methylcyclohexane	9.275	83	46434	19.133	ug/l	95
40) Benzene	8.252	78	138015	19.710	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080221.D
 Acq On : 03 Feb 2025 11:21
 Operator : RP/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:31:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:30:02 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.411	41	13551	22.441	ug/l #	86
42) 1,2-Dichloroethane	8.328	62	39294	19.720	ug/l	96
43) Isopropyl Acetate	8.363	43	38746	19.930	ug/l	98
44) Trichloroethene	9.028	130	33558	20.745	ug/l	95
45) 1,2-Dichloropropane	9.305	63	36430	20.684	ug/l	99
46) Dibromomethane	9.393	93	20049	20.432	ug/l	97
47) Bromodichloromethane	9.587	83	50544	20.426	ug/l	94
48) Methyl methacrylate	9.381	41	18387	20.438	ug/l	90
49) 1,4-Dioxane	9.381	88	4101	384.183	ug/l #	93
51) 4-Methyl-2-Pentanone	10.157	43	102940	104.715	ug/l	98
52) Toluene	10.334	92	84644	20.666	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	44852	21.262	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	53290	20.768	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	26092	20.465	ug/l	94
56) Ethyl methacrylate	10.599	69	27975	19.230	ug/l	94
57) 1,3-Dichloropropane	10.875	76	43729	20.736	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	58818	94.728	ug/l	95
59) 2-Hexanone	10.922	43	66419	102.963	ug/l	97
60) Dibromochloromethane	11.075	129	32908	20.940	ug/l	95
61) 1,2-Dibromoethane	11.175	107	23651	20.368	ug/l	96
64) Tetrachloroethene	10.810	164	28898	20.488	ug/l	88
65) Chlorobenzene	11.604	112	94289	20.373	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	32824	20.273	ug/l	97
67) Ethyl Benzene	11.681	91	149799	19.457	ug/l	96
68) m/p-Xylenes	11.793	106	120381	40.276	ug/l	99
69) o-Xylene	12.122	106	53055	19.466	ug/l	100
70) Styrene	12.134	104	96771	19.946	ug/l	99
71) Bromoform	12.299	173	18655	19.545	ug/l #	95
73) Isopropylbenzene	12.422	105	135640	19.711	ug/l	100
74) N-amyl acetate	12.234	43	37273	20.606	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.669	83	29713	20.750	ug/l	99
76) 1,2,3-Trichloropropane	12.716	75	38289	37.208	ug/l #	100
77) Bromobenzene	12.698	156	36319	20.461	ug/l	99
78) n-propylbenzene	12.763	91	174717	19.942	ug/l	99
79) 2-Chlorotoluene	12.846	91	100001	20.091	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	117266	20.377	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.463	75	10265	20.397	ug/l	98
82) 4-Chlorotoluene	12.946	91	111940	21.163	ug/l	99
83) tert-Butylbenzene	13.163	119	89175	18.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	112504	19.206	ug/l	99
85) sec-Butylbenzene	13.346	105	139797	19.434	ug/l	99
86) p-Isopropyltoluene	13.457	119	116302	18.934	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	68932	19.717	ug/l	99
88) 1,4-Dichlorobenzene	13.534	146	70892	20.035	ug/l	99
89) n-Butylbenzene	13.787	91	112138	18.787	ug/l	99
90) Hexachloroethane	14.051	117	26254	19.232	ug/l	97
91) 1,2-Dichlorobenzene	13.828	146	60954	19.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	4283	18.800	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	34807	17.726	ug/l	97
94) Hexachlorobutadiene	15.204	225	18879	17.752	ug/l	99
95) Naphthalene	15.334	128	61307	19.904	ug/l	97
96) 1,2,3-Trichlorobenzene	15.516	180	32108	18.119	ug/l	97

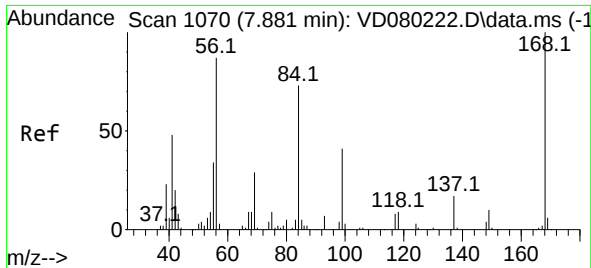
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
Data File : VD080221.D
Acq On : 03 Feb 2025 11:21
Operator : RP/MD
Sample : VSTDICC020
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Feb 04 05:31:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:30:02 2025
Response via : Initial Calibration

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

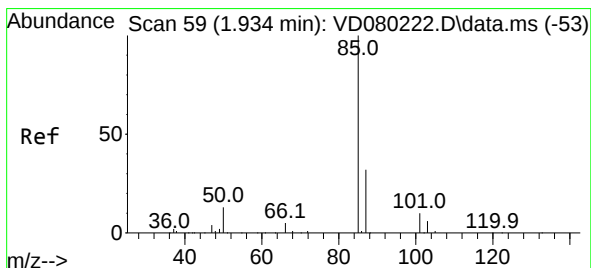
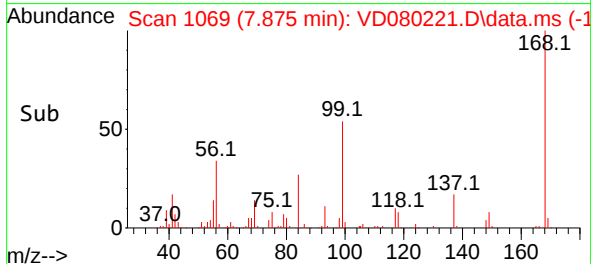
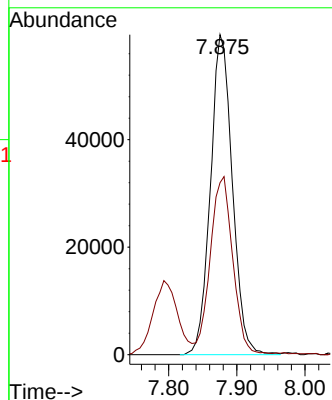
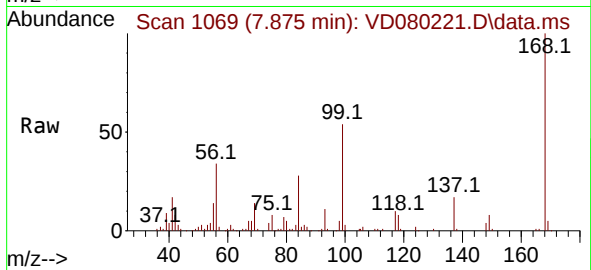
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

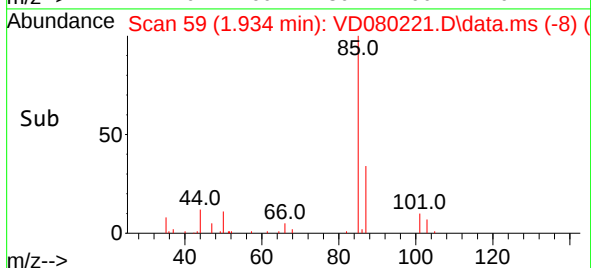
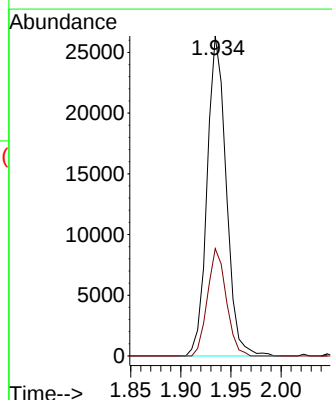
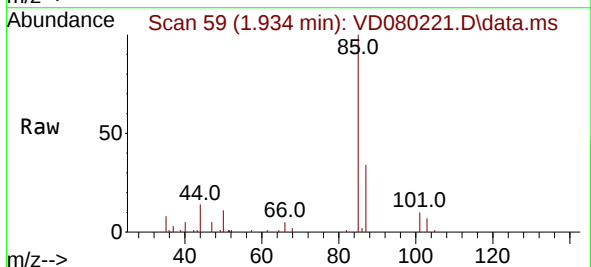
Instrument :
MSVOA_D
ClientSampleId :

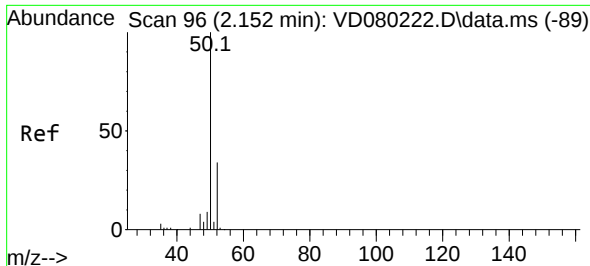
Tgt Ion:168 Resp: 133247
Ion Ratio Lower Upper
168 100
99 53.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 24.445 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

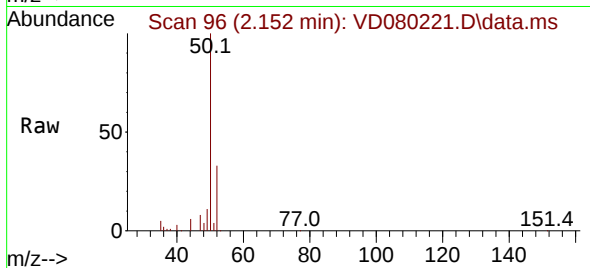
Tgt Ion: 85 Resp: 34967
Ion Ratio Lower Upper
85 100
87 33.5 16.0 47.9



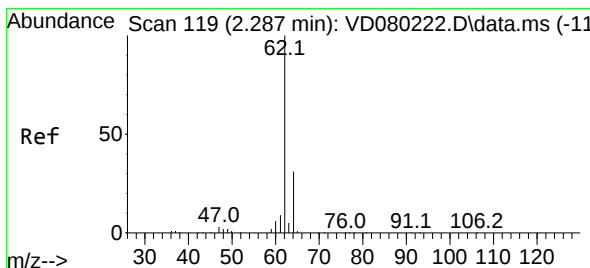
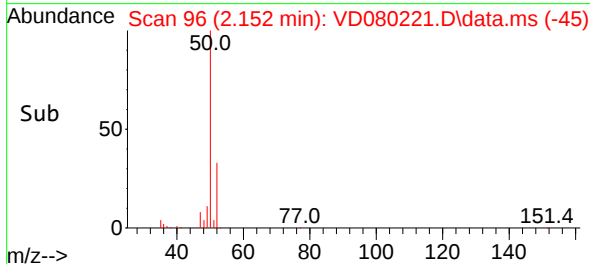
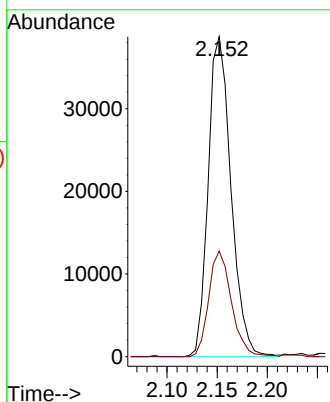


#3
Chloromethane
Concen: 22.039 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

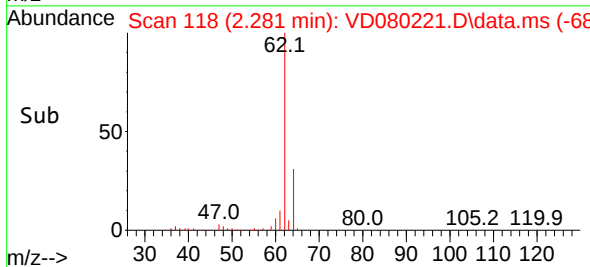
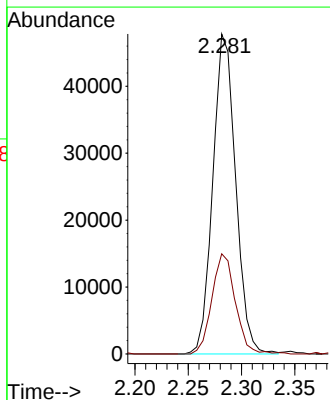
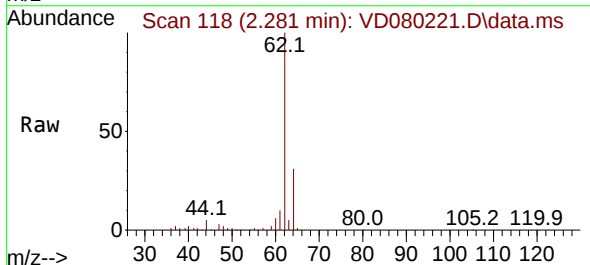


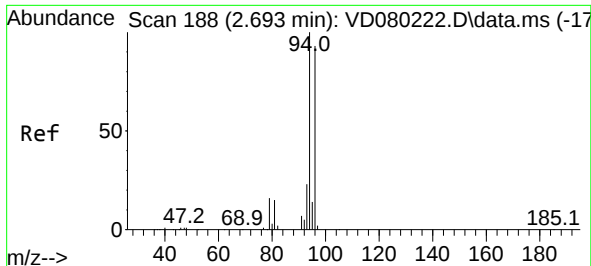
Tgt Ion: 50 Resp: 61174
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8



#4
Vinyl Chloride
Concen: 21.207 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

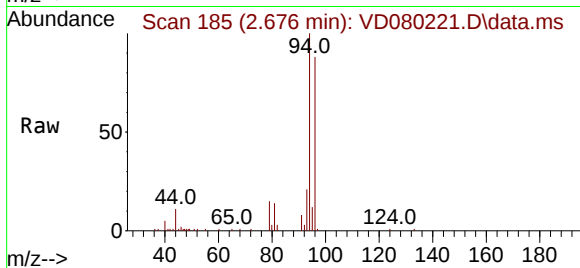
Tgt Ion: 62 Resp: 71211
Ion Ratio Lower Upper
62 100
64 31.3 24.8 37.2



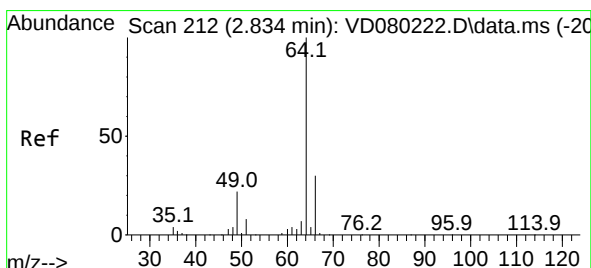
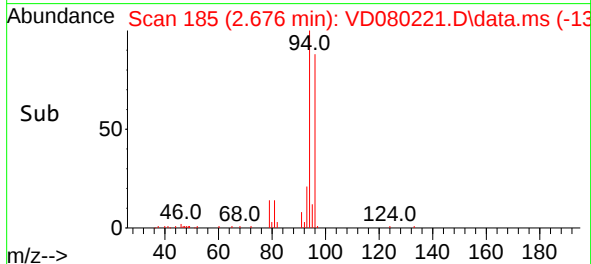
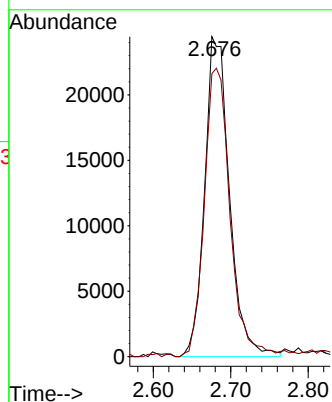


#5
Bromomethane
Concen: 24.223 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

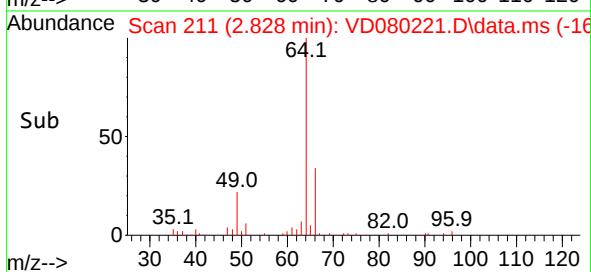
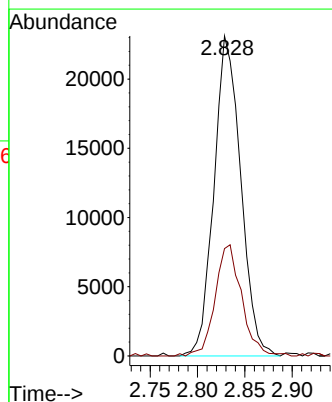
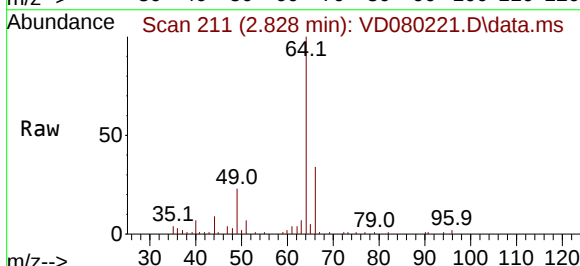


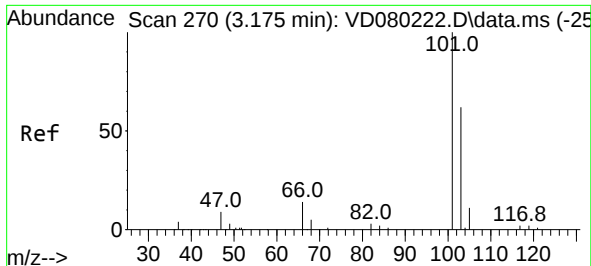
Tgt Ion: 94 Resp: 54429
Ion Ratio Lower Upper
94 100
96 92.7 74.4 111.6



#6
Chloroethane
Concen: 20.320 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 64 Resp: 45447
Ion Ratio Lower Upper
64 100
66 32.9 23.8 35.8

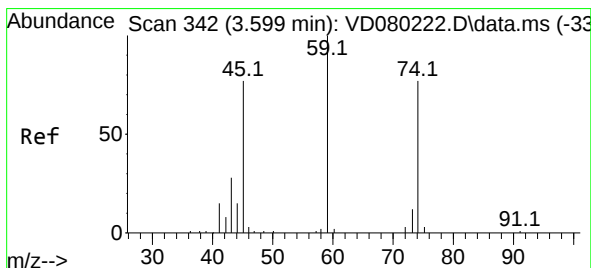
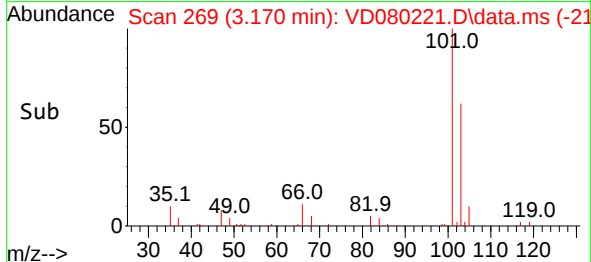
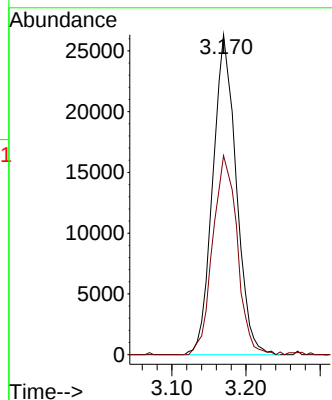
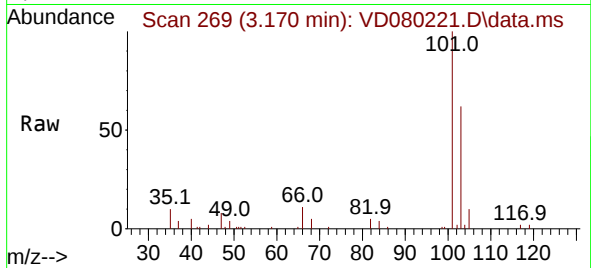




#7
 Trichlorofluoromethane
 Concen: 20.804 ug/l
 RT: 3.170 min Scan# 210
 Delta R.T. -0.005 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

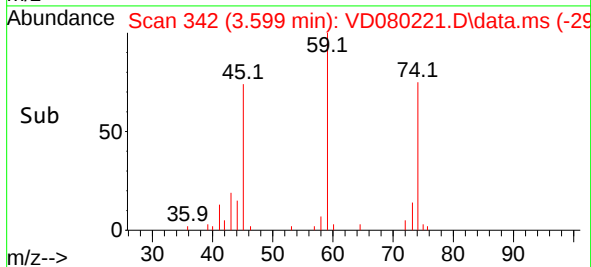
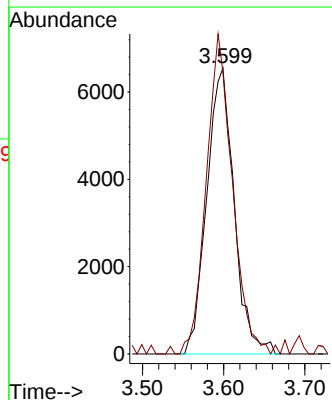
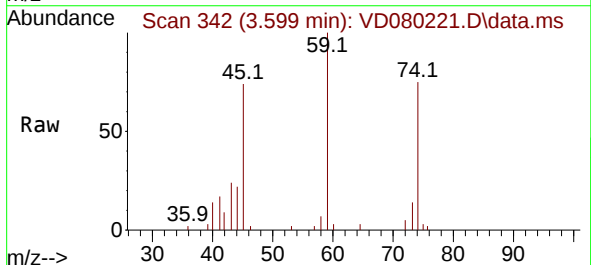
Instrument :
 MSVOA_D
 ClientSampleId :

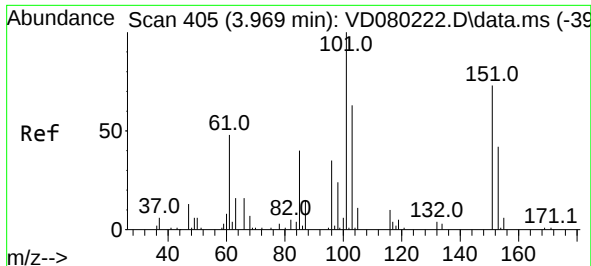
Tgt Ion:101 Resp: 57892
 Ion Ratio Lower Upper
 101 100
 103 62.2 49.9 74.9



#8
 Diethyl Ether
 Concen: 20.184 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

Tgt Ion: 74 Resp: 15366
 Ion Ratio Lower Upper
 74 100
 45 106.6 51.0 153.1

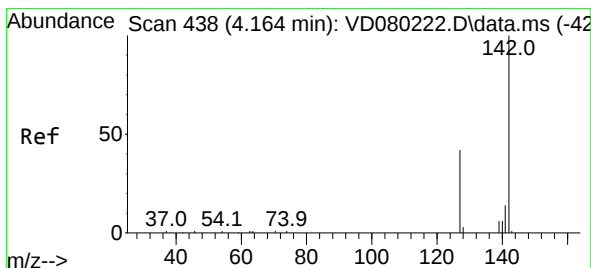
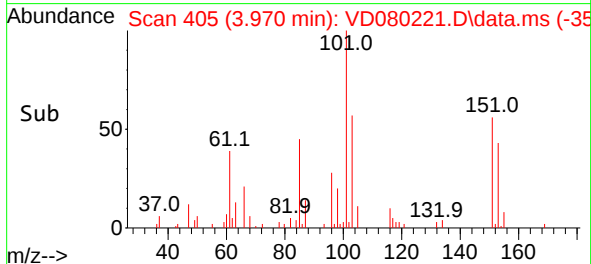
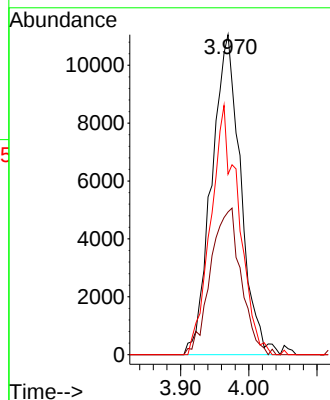
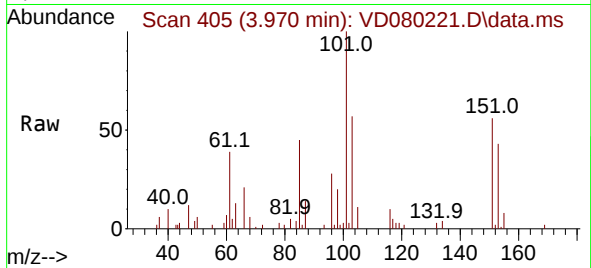




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.290 ug/l
RT: 3.970 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

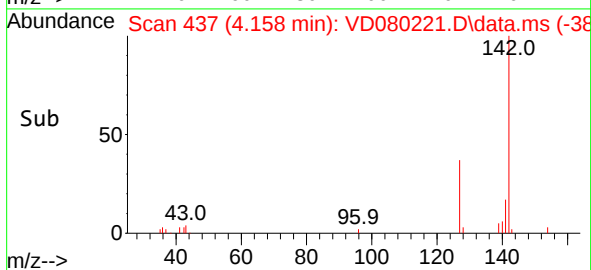
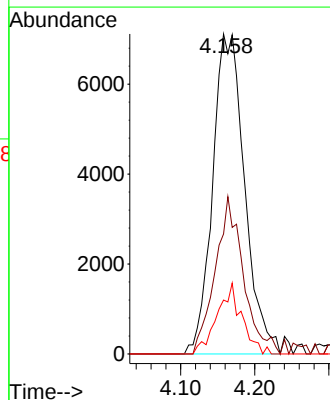
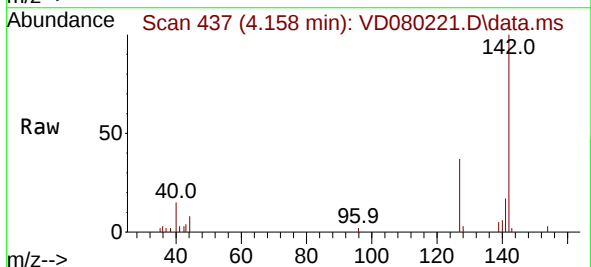
Instrument :
MSVOA_D
ClientSampleId :

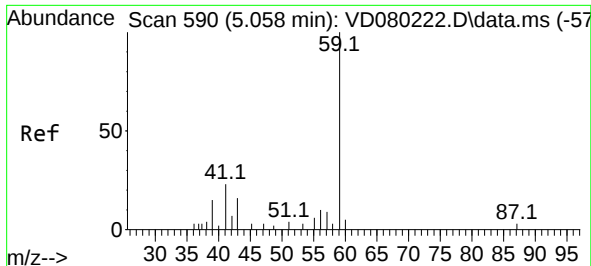
Tgt Ion:101 Resp: 32684
Ion Ratio Lower Upper
101 100
85 48.2 36.2 54.4
151 75.3 59.0 88.6



#10
Methyl Iodide
Concen: 19.419 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:142 Resp: 21299
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.2
141 17.1 12.6 18.8

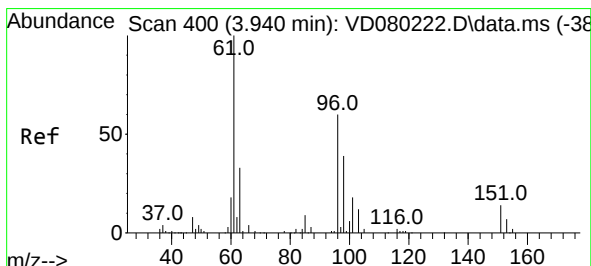
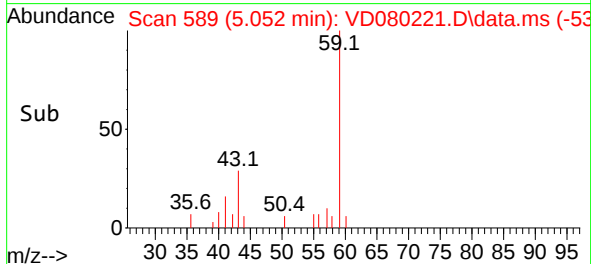
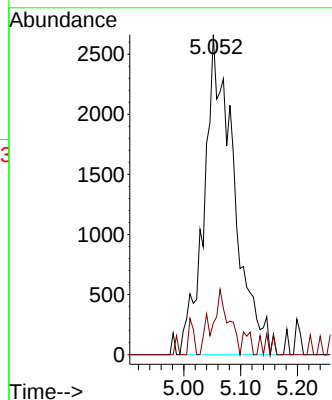
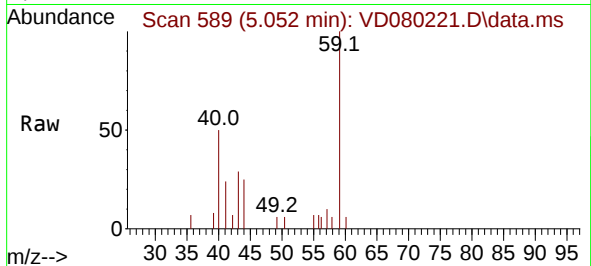




#11
Tert butyl alcohol
Concen: 101.604 ug/l
RT: 5.052 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

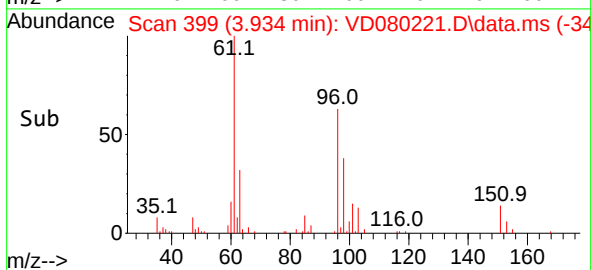
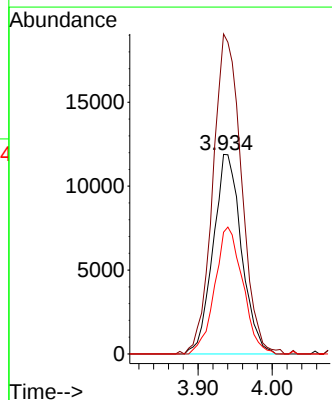
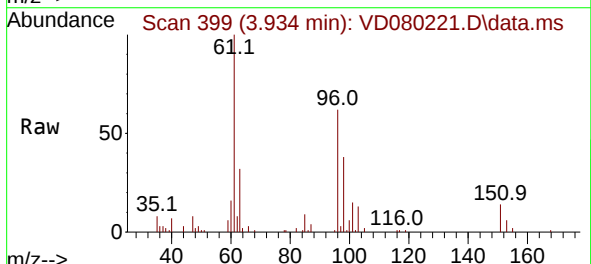
Instrument :
MSVOA_D
ClientSampleId :

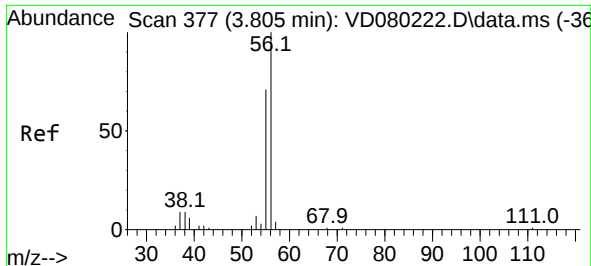
Tgt Ion: 59 Resp: 9728
Ion Ratio Lower Upper
59 100
57 9.0 7.2 10.8



#12
1,1-Dichloroethene
Concen: 20.717 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 96 Resp: 31611
Ion Ratio Lower Upper
96 100
61 159.1 133.8 200.6
98 61.1 52.2 78.2

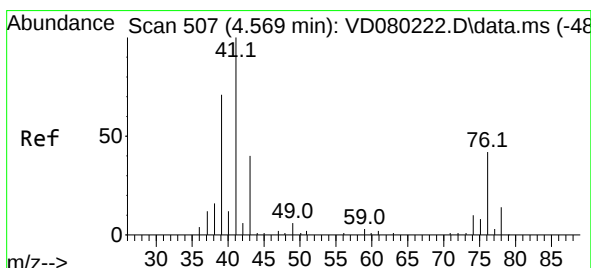
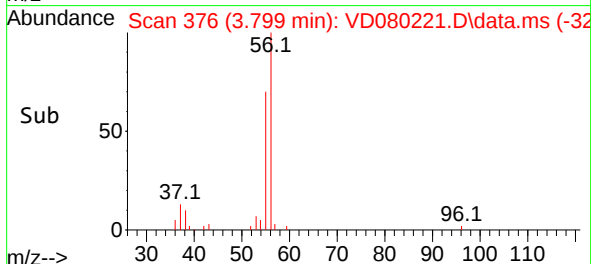
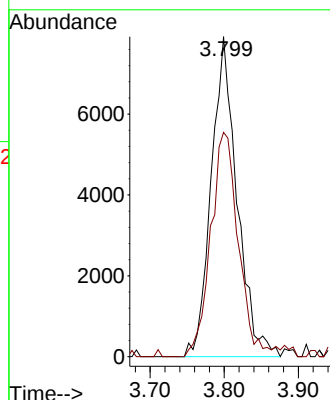
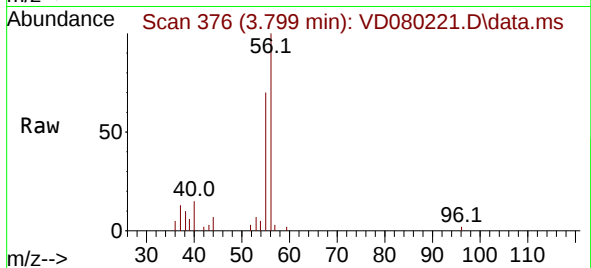




#13
Acrolein
Concen: 105.857 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

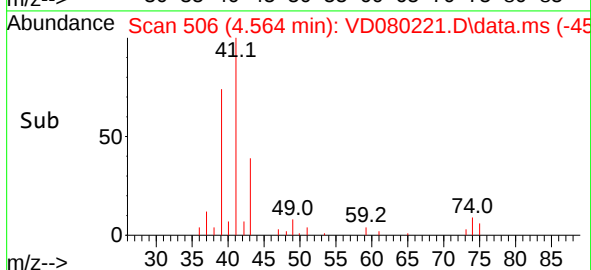
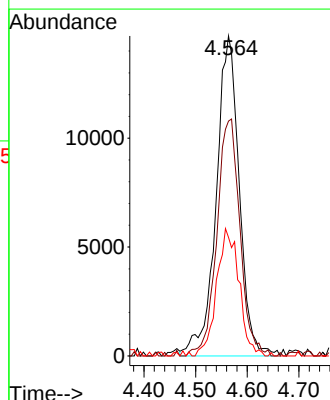
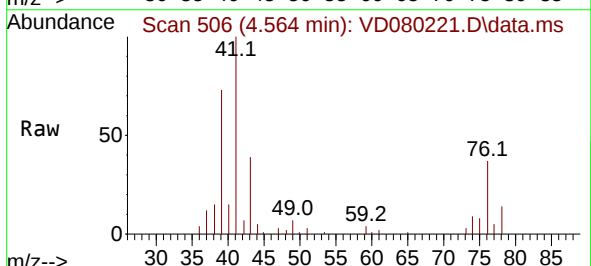
Instrument :
MSVOA_D
ClientSampleId :

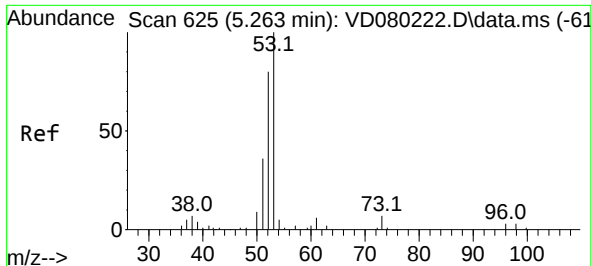
Tgt Ion: 56 Resp: 19110
Ion Ratio Lower Upper
56 100
55 74.8 57.8 86.8



#14
Allyl chloride
Concen: 19.443 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

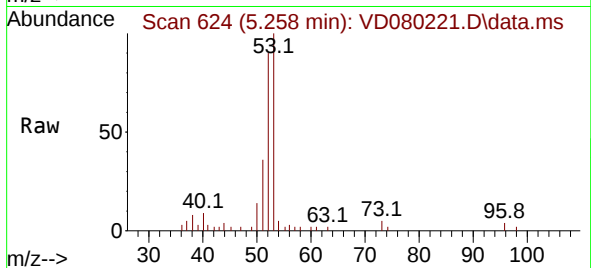
Tgt Ion: 41 Resp: 45720
Ion Ratio Lower Upper
41 100
39 73.9 55.0 82.4
76 38.5 31.0 46.4



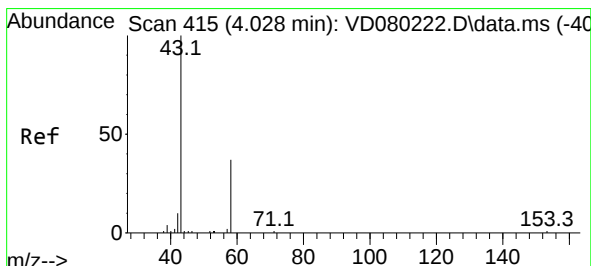
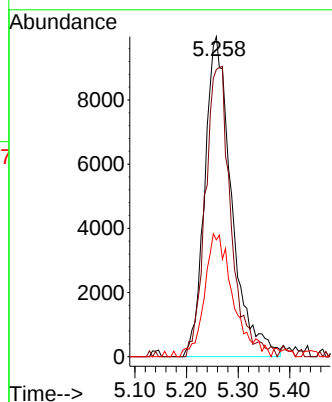
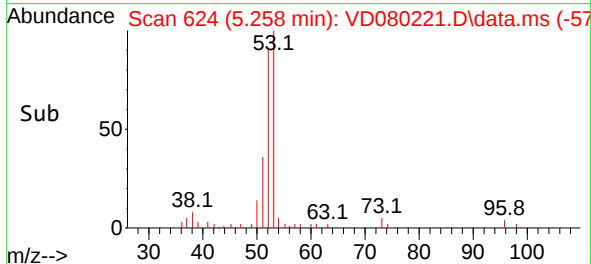


#15
Acrylonitrile
Concen: 98.742 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

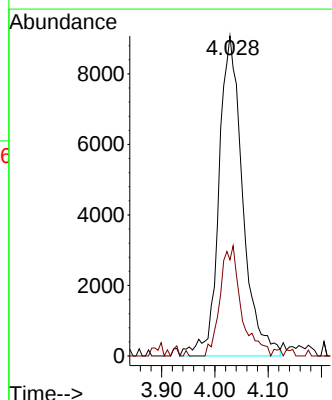
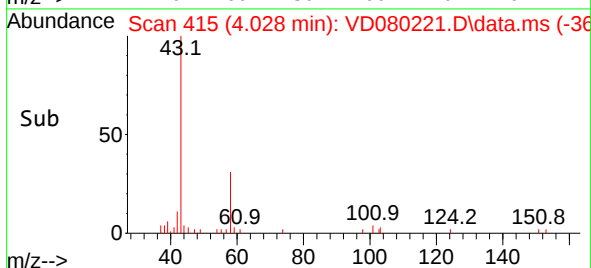
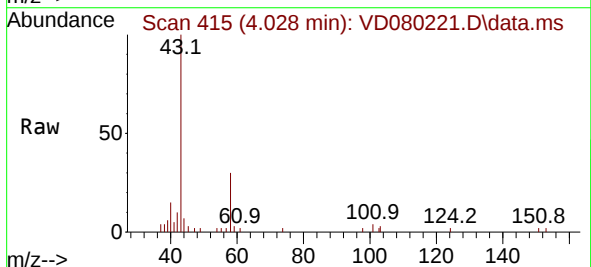


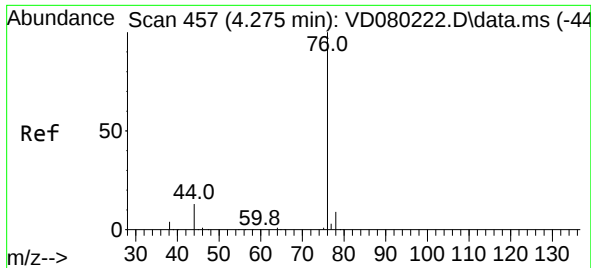
Tgt Ion: 53 Resp: 36115
Ion Ratio Lower Upper
53 100
52 86.0 65.9 98.9
51 40.8 30.1 45.1



#16
Acetone
Concen: 101.138 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 43 Resp: 28252
Ion Ratio Lower Upper
43 100
58 30.0 29.5 44.3

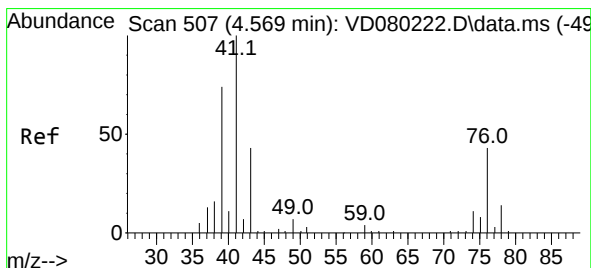
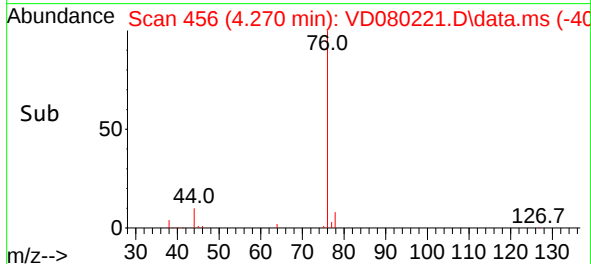
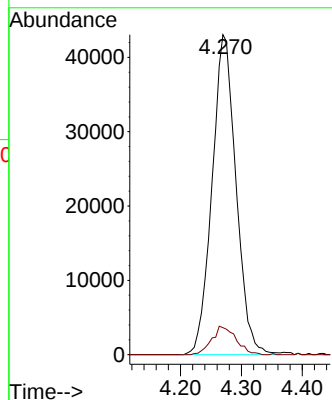
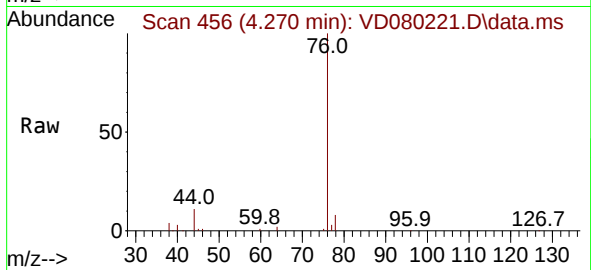




#17
Carbon Disulfide
Concen: 21.413 ug/l
RT: 4.270 min Scan# 457
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

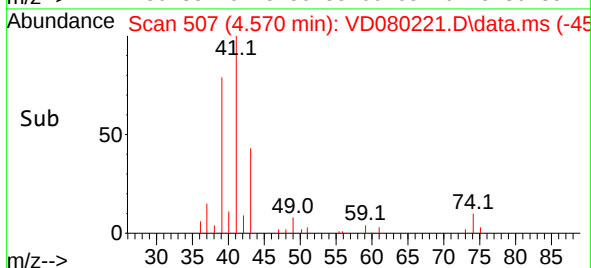
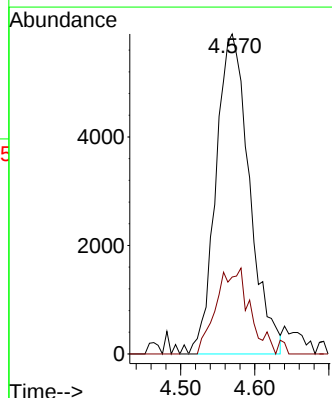
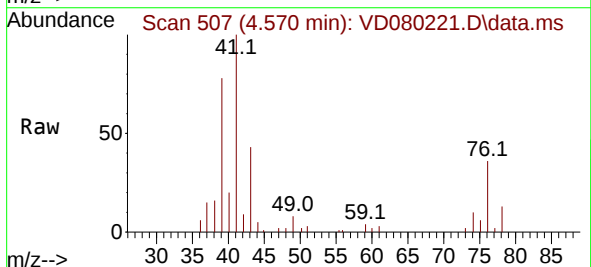
Instrument :
MSVOA_D
ClientSampleId :

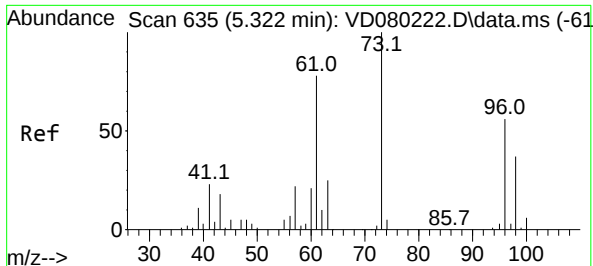
Tgt Ion: 76 Resp: 117841
Ion Ratio Lower Upper
76 100
78 8.4 7.0 10.4



#18
Methyl Acetate
Concen: 19.668 ug/l
RT: 4.570 min Scan# 507
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 43 Resp: 18538
Ion Ratio Lower Upper
43 100
74 26.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 19.527 ug/l

RT: 5.328 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

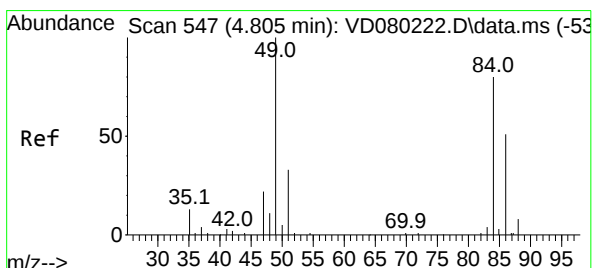
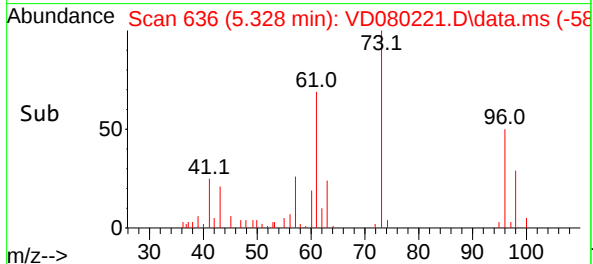
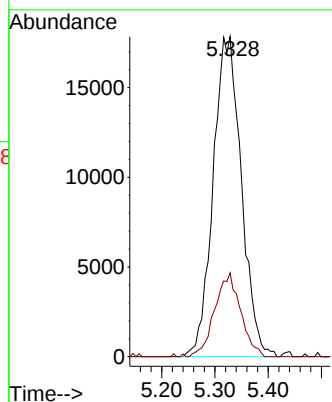
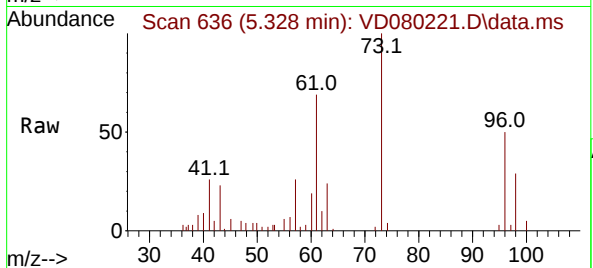
ClientSampleId :

Tgt Ion: 73 Resp: 65597

Ion Ratio Lower Upper

73 100

57 26.2 17.8 26.8



#20

Methylene Chloride

Concen: 20.975 ug/l

RT: 4.805 min Scan# 547

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Tgt Ion: 84 Resp: 39761

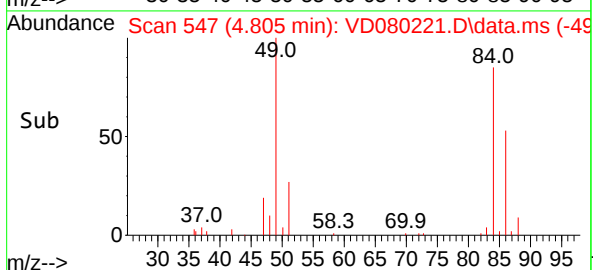
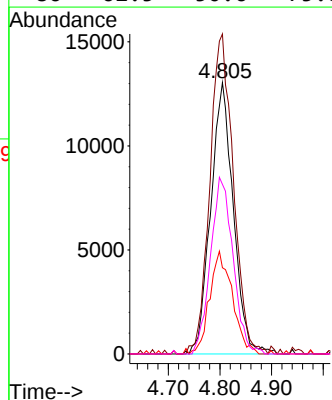
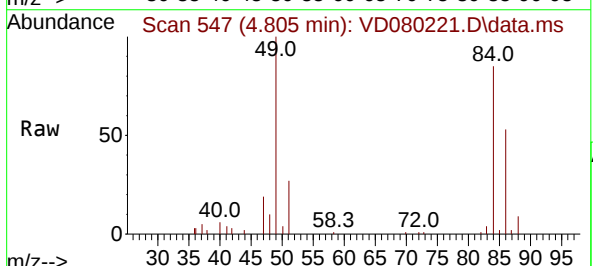
Ion Ratio Lower Upper

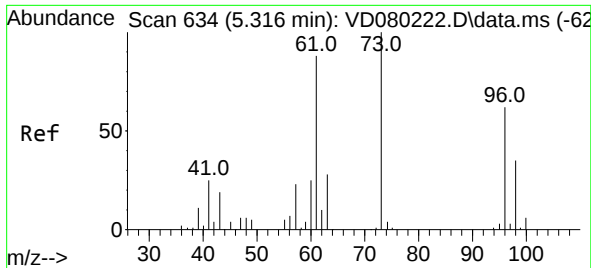
84 100

49 117.9 99.4 149.2

51 31.8 32.6 49.0#

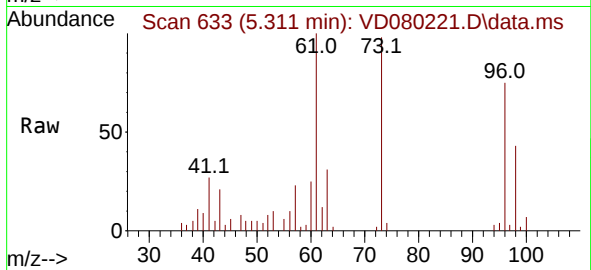
86 62.5 50.6 75.8





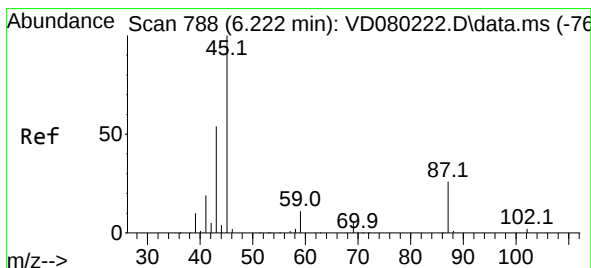
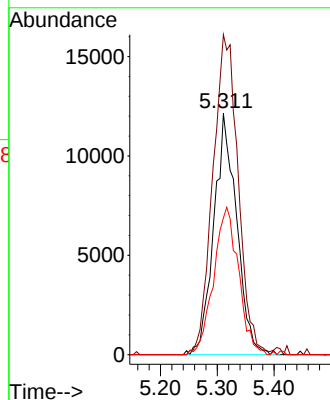
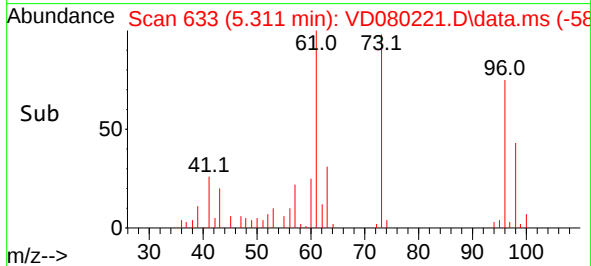
#21
trans-1,2-Dichloroethene
Concen: 19.533 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

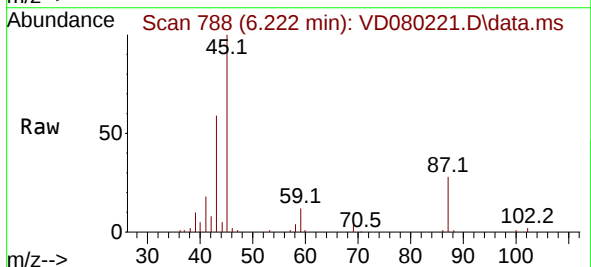


Tgt Ion: 96 Resp: 33861

Ion	Ratio	Lower	Upper
96	100		
61	132.6	113.7	170.5
98	56.7	45.4	68.2

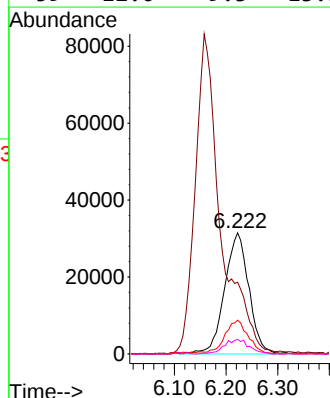
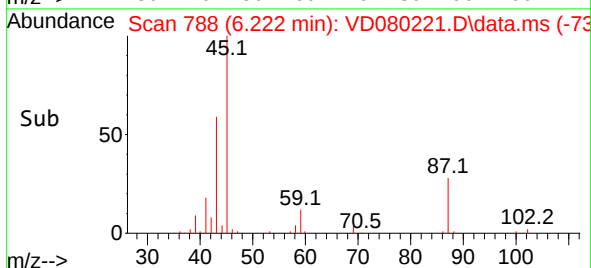


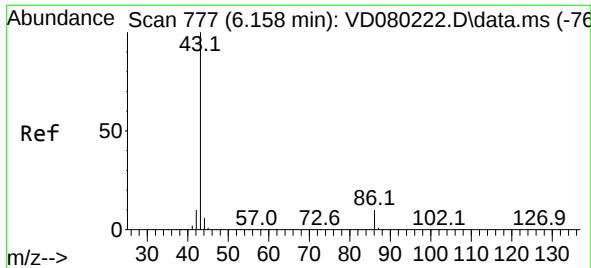
#22
Diisopropyl ether
Concen: 20.932 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21



Tgt Ion: 45 Resp: 102438

Ion	Ratio	Lower	Upper
45	100		
43	56.8	44.3	66.5
87	27.8	20.5	30.7
59	12.0	9.3	13.9

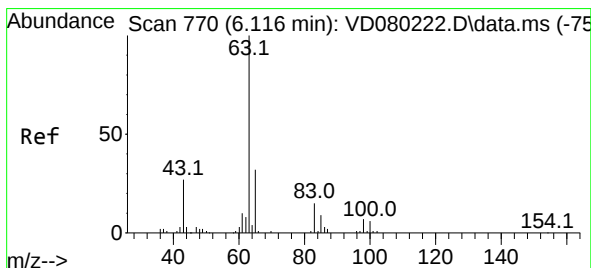
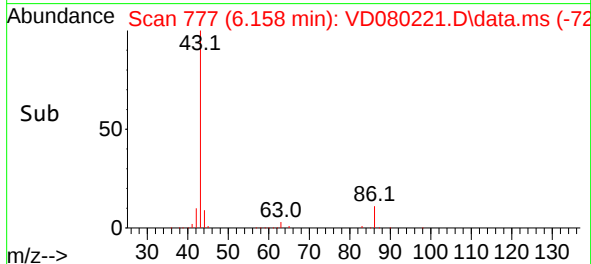
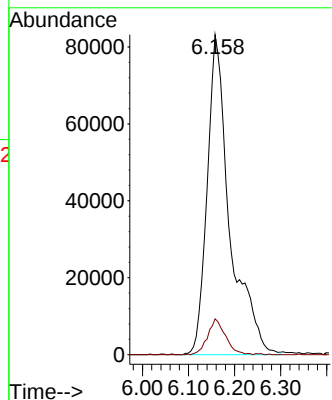
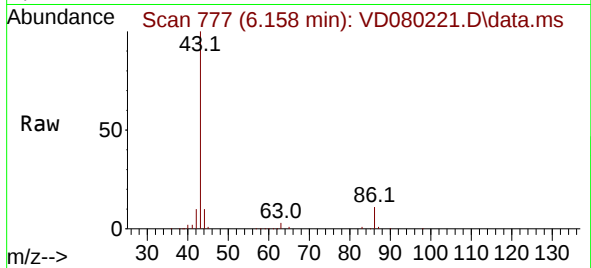




#23
 Vinyl Acetate
 Concen: 100.664 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

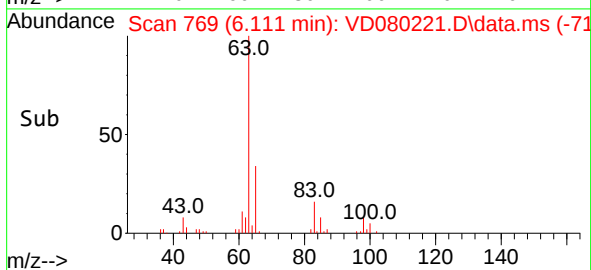
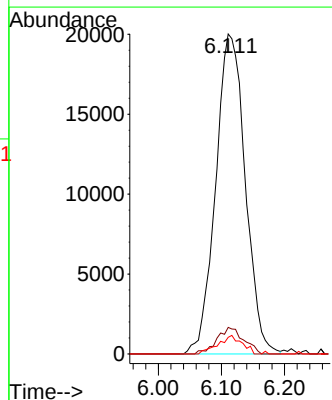
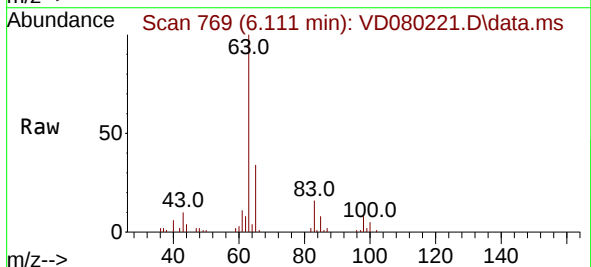
Instrument :
 MSVOA_D
 ClientSampleId :

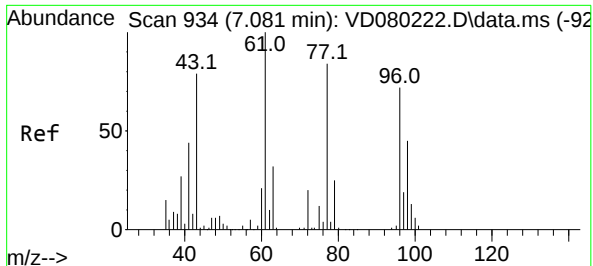
Tgt Ion: 43 Resp: 284407
 Ion Ratio Lower Upper
 43 100
 86 11.2 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.331 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

Tgt Ion: 63 Resp: 65221
 Ion Ratio Lower Upper
 63 100
 98 8.3 3.5 10.5
 100 5.2 2.8 8.4

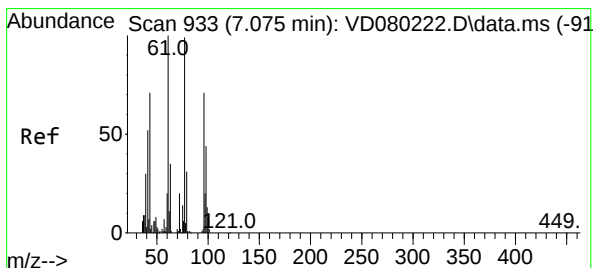
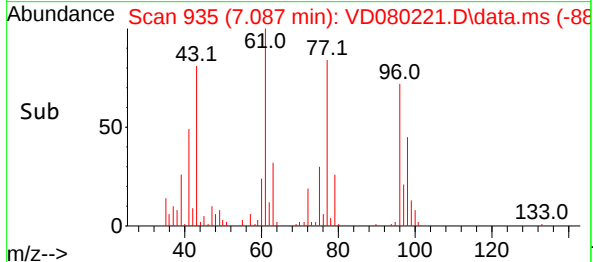
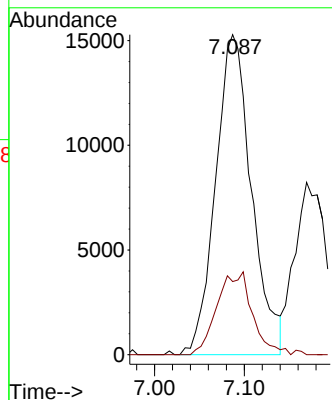
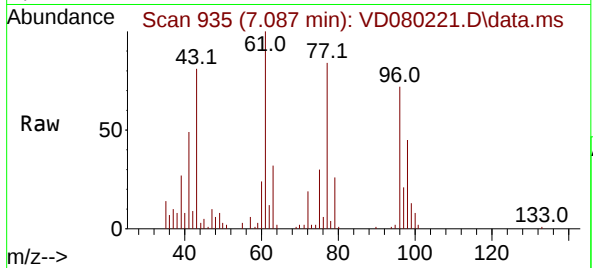




#25
2-Butanone
Concen: 98.170 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

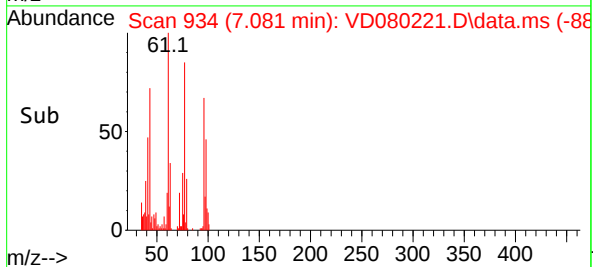
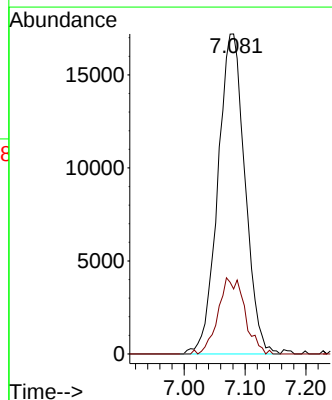
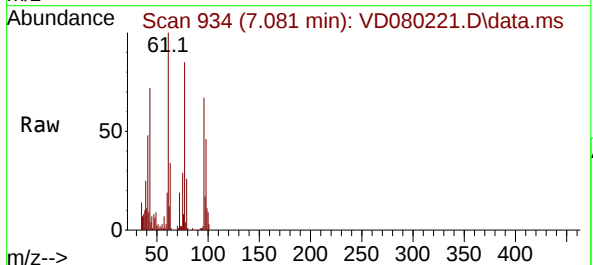
Instrument :
MSVOA_D
ClientSampleId :

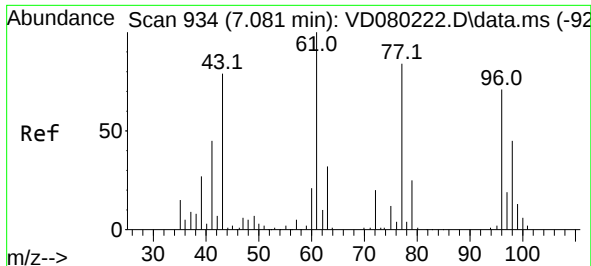
Tgt Ion: 43 Resp: 42535
Ion Ratio Lower Upper
43 100
72 22.8 19.9 29.9



#26
2,2-Dichloropropane
Concen: 19.109 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 77 Resp: 53170
Ion Ratio Lower Upper
77 100
97 23.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 19.154 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

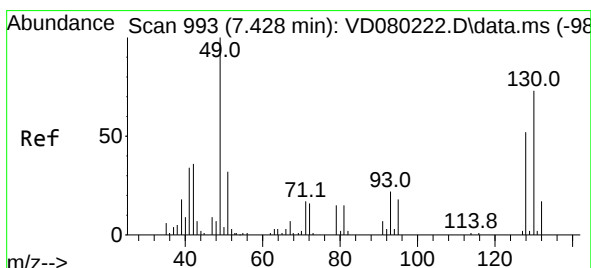
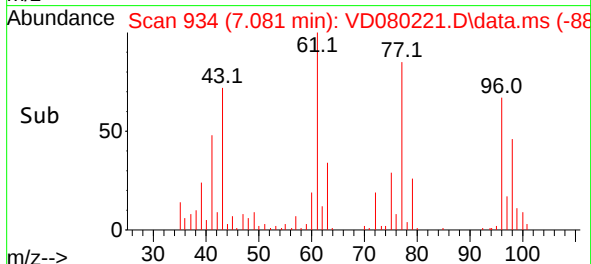
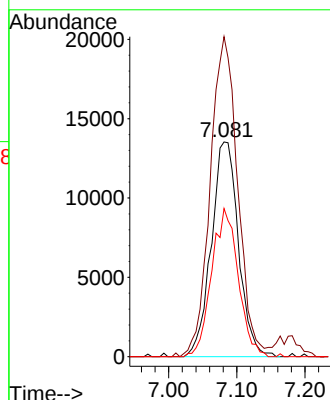
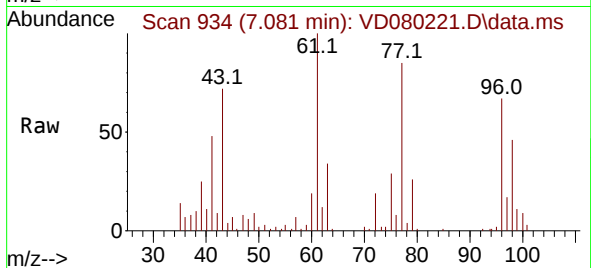
Tgt Ion: 96 Resp: 37511

Ion Ratio Lower Upper

96 100

61 150.3 0.0 297.4

98 67.5 0.0 131.0



#28

Bromochloromethane

Concen: 20.903 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

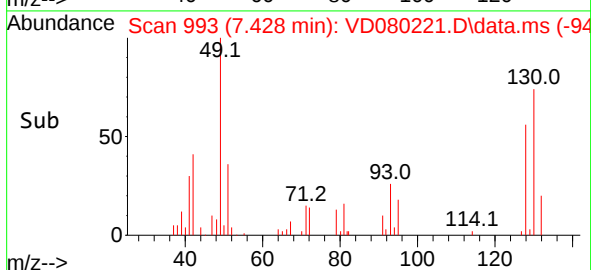
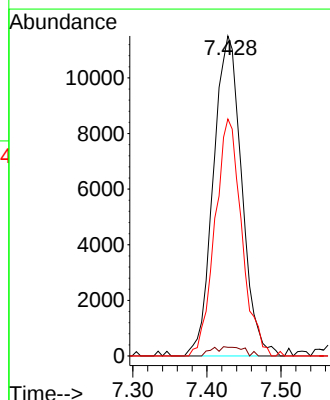
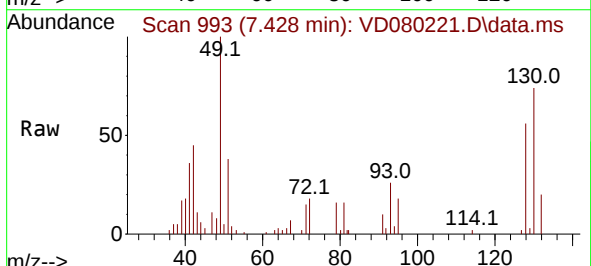
Tgt Ion: 49 Resp: 30601

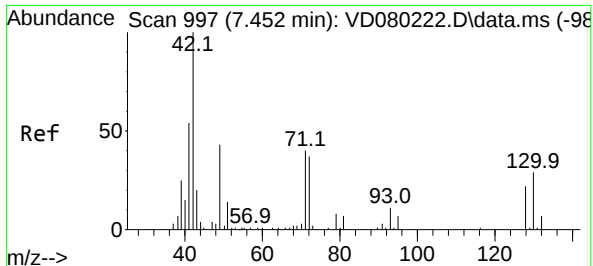
Ion Ratio Lower Upper

49 100

129 2.2 0.0 1.8#

130 69.8 55.3 82.9





#29

Tetrahydrofuran

Concen: 99.839 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.006 min

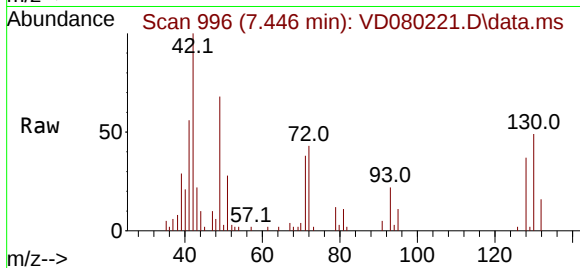
Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

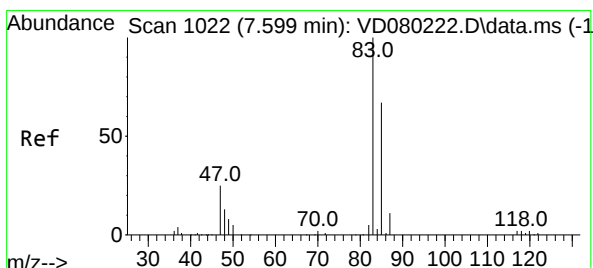
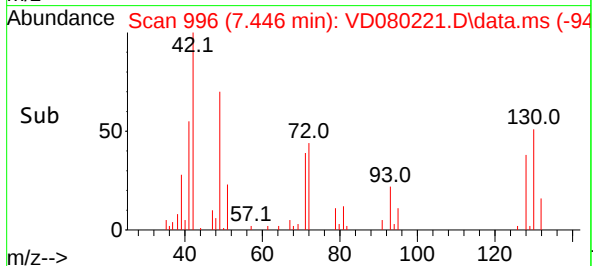
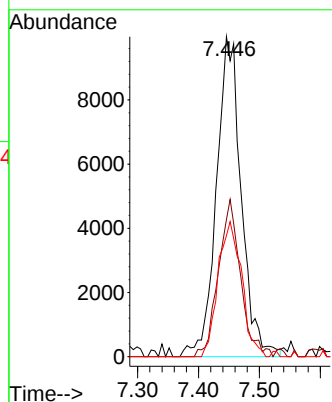
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	28333
Ion	Ratio	Lower	Upper
42	100		
72	43.7	33.5	50.3
71	40.0	32.9	49.3



#30

Chloroform

Concen: 20.424 ug/l

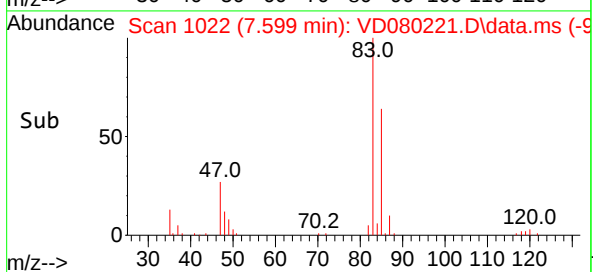
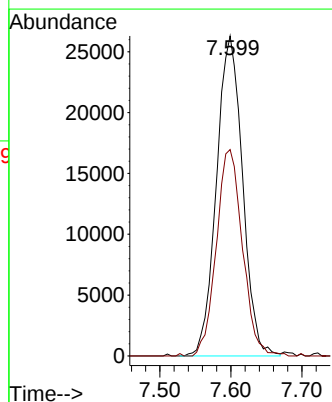
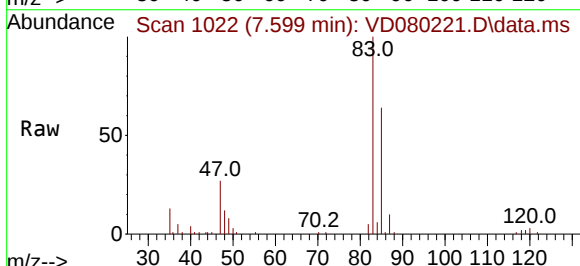
RT: 7.599 min Scan# 1022

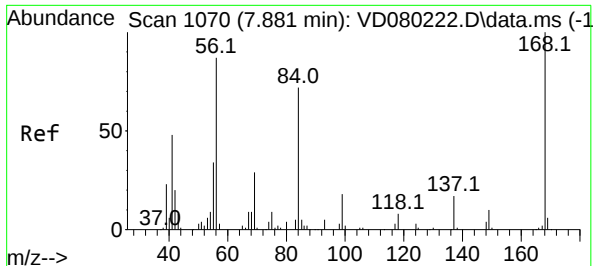
Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Tgt Ion:	83	Resp:	66987
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.7	80.5

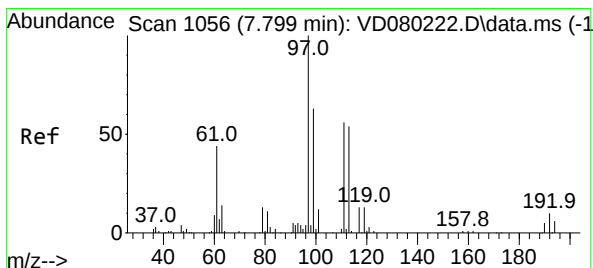
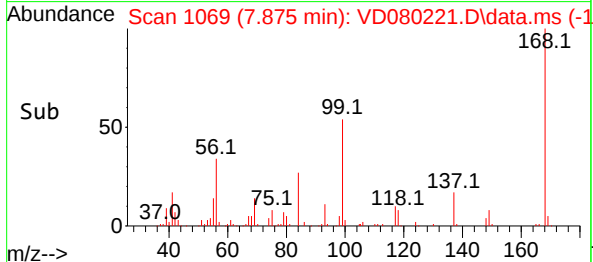
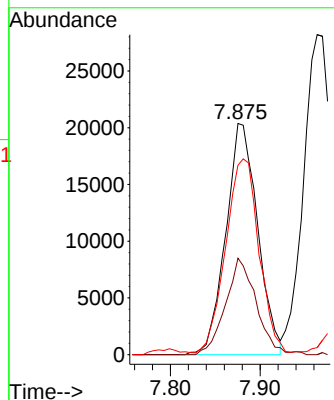
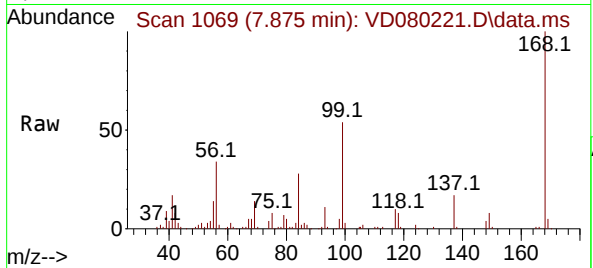




#31
Cyclohexane
Concen: 19.540 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

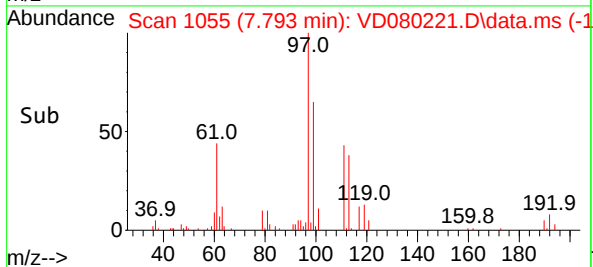
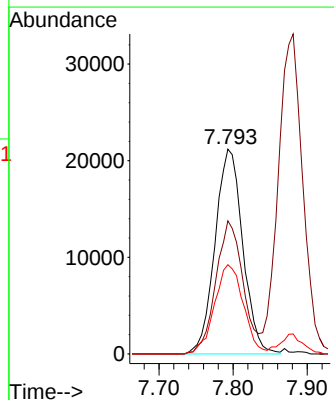
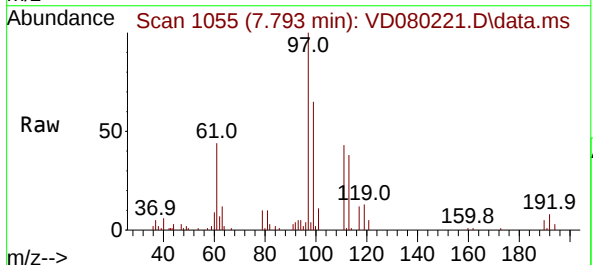
Instrument :
MSVOA_D
ClientSampleId :

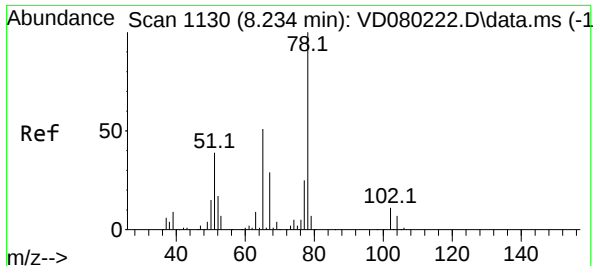
Tgt Ion: 56 Resp: 50180
Ion Ratio Lower Upper
56 100
69 41.8 27.0 40.4#
84 80.8 66.3 99.5



#32
1,1,1-Trichloroethane
Concen: 20.081 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 97 Resp: 55104
Ion Ratio Lower Upper
97 100
99 63.4 51.3 76.9
61 45.4 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 20.993 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

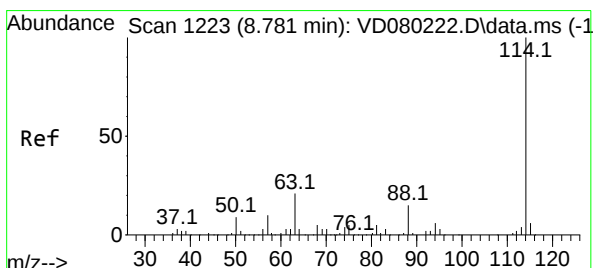
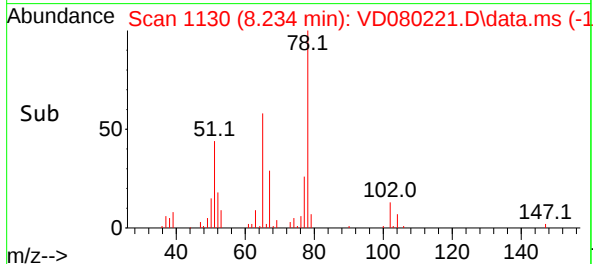
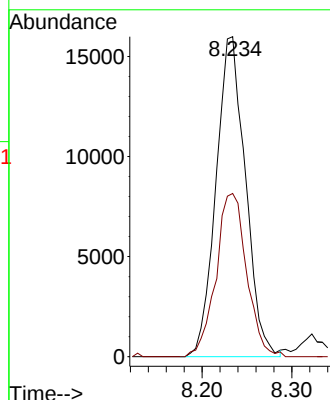
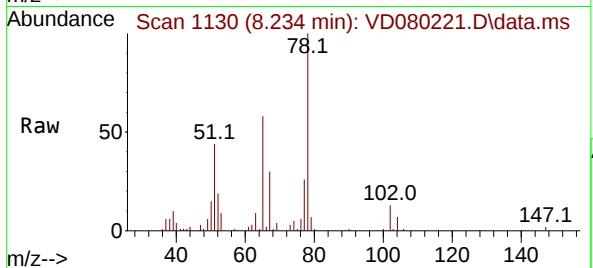
ClientSampleId :

Tgt Ion: 65 Resp: 36387

Ion Ratio Lower Upper

65 100

67 53.1 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: VD080221.D

Acq: 03 Feb 2025 11:21

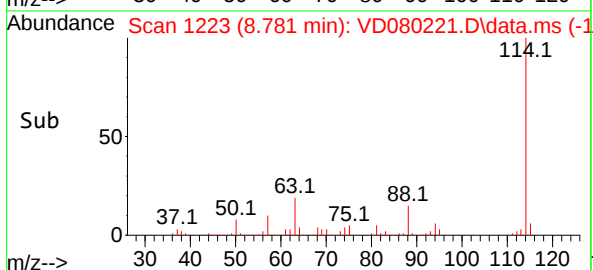
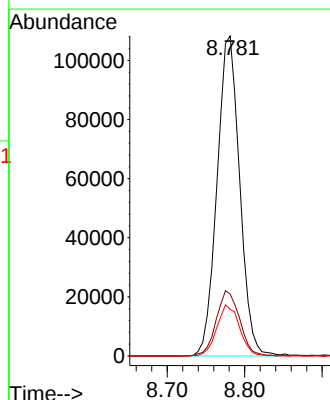
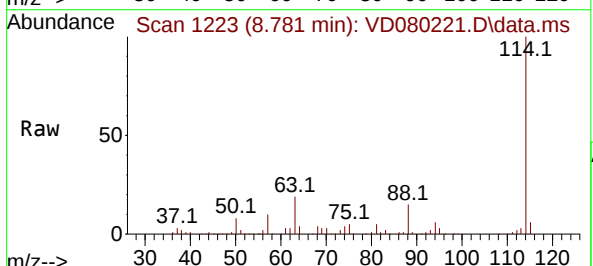
Tgt Ion: 114 Resp: 220065

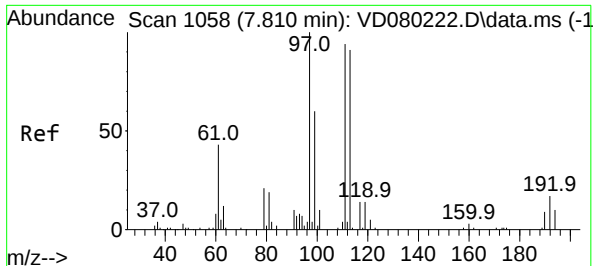
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.8

88 14.5 0.0 30.4





#35

Dibromofluoromethane

Concen: 21.942 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

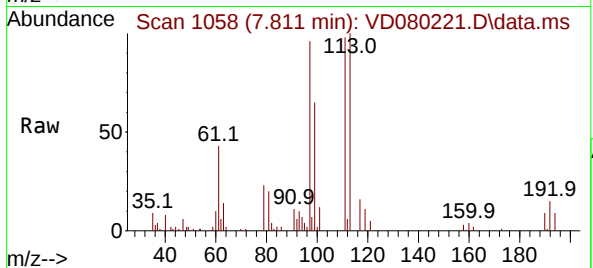
Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :



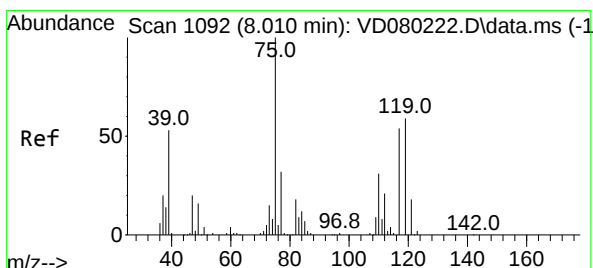
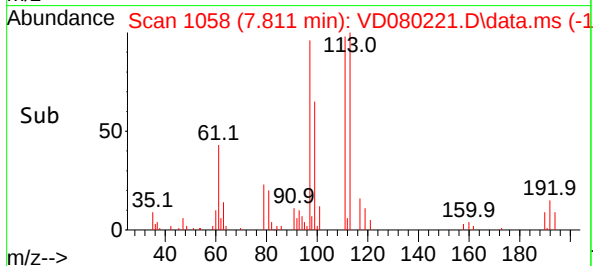
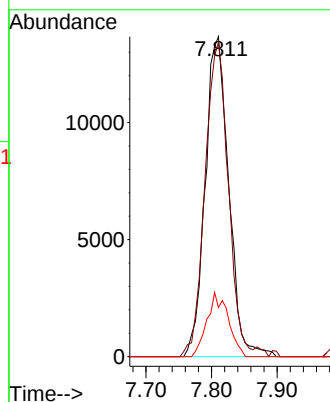
Tgt Ion:113 Resp: 34223

Ion Ratio Lower Upper

113 100

111 96.7 85.0 127.4

192 18.0 15.5 23.3



#36

1,1-Dichloropropene

Concen: 20.694 ug/l

RT: 8.011 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

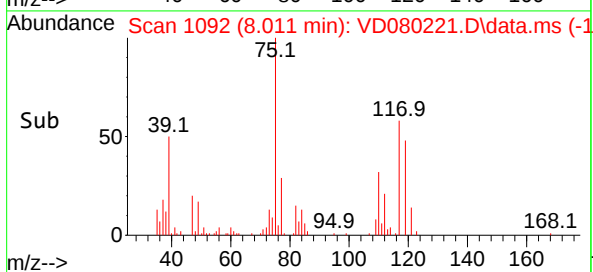
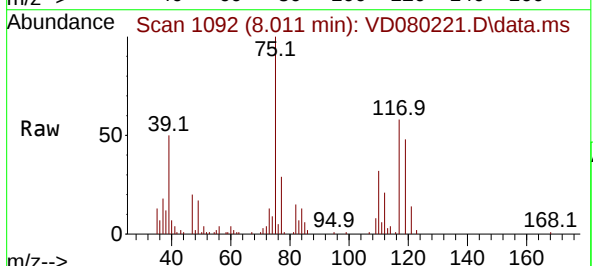
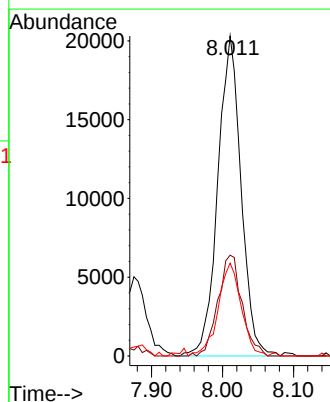
Tgt Ion: 75 Resp: 46228

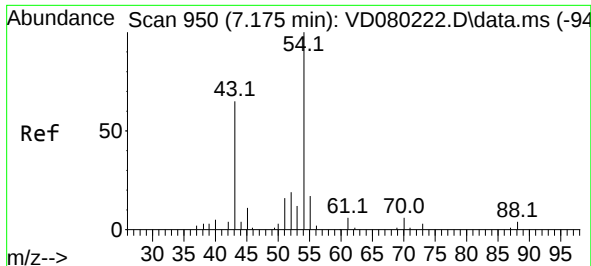
Ion Ratio Lower Upper

75 100

110 32.5 17.1 51.2

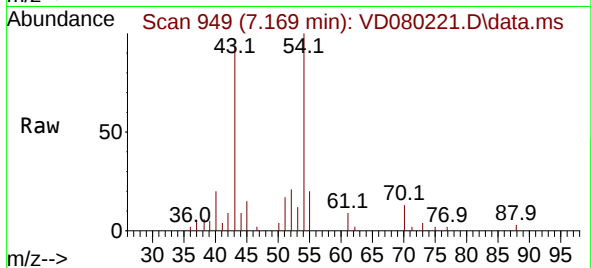
77 28.6 25.6 38.4



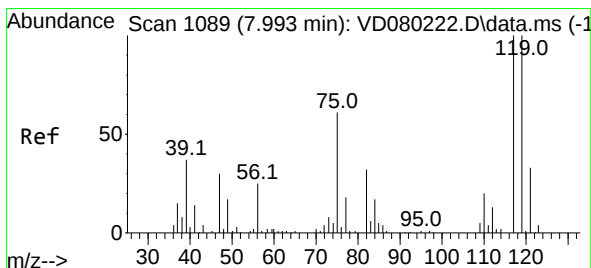
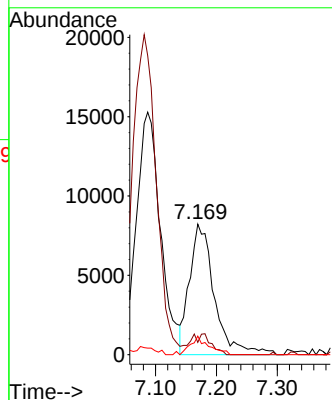
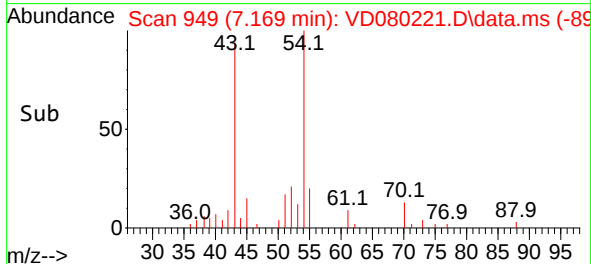


#37
Ethyl Acetate
Concen: 21.285 ug/l
RT: 7.169 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

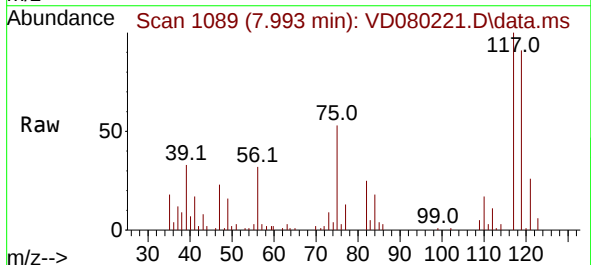
Instrument :
MSVOA_D
ClientSampleId :



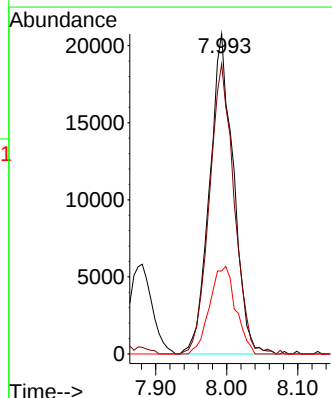
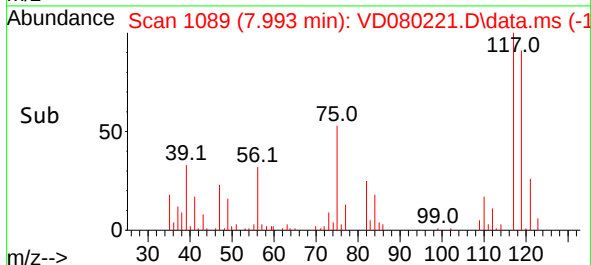
Tgt Ion: 43 Resp: 23316
Ion Ratio Lower Upper
43 100
61 0.0 11.4 17.0#
70 10.6 8.2 12.2

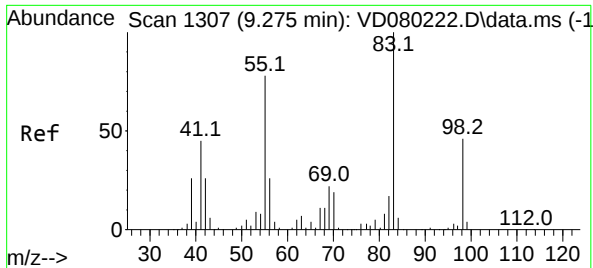


#38
Carbon Tetrachloride
Concen: 20.758 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21



Tgt Ion: 117 Resp: 48435
Ion Ratio Lower Upper
117 100
119 90.6 79.8 119.6
121 26.0 26.6 39.8#

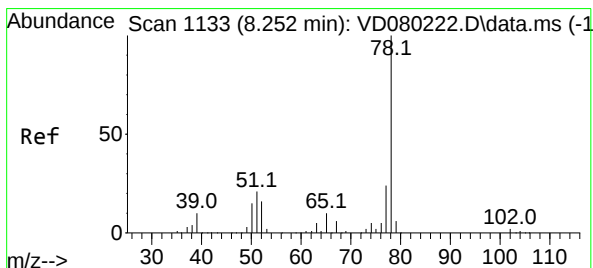
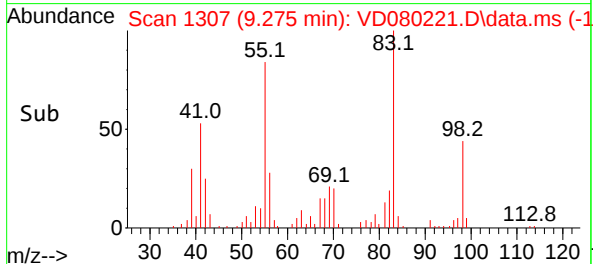
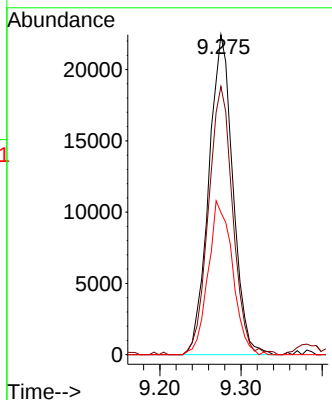
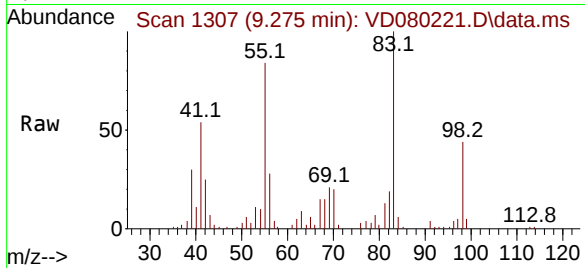




#39
Methylcyclohexane
Concen: 19.133 ug/l
RT: 9.275 min Scan# 1137
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

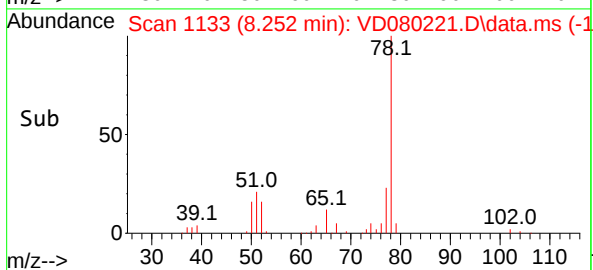
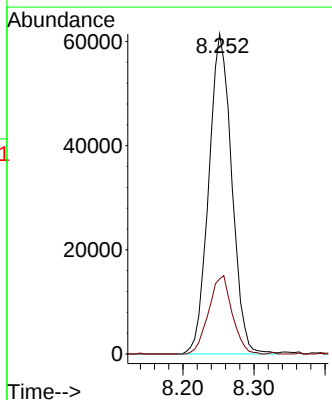
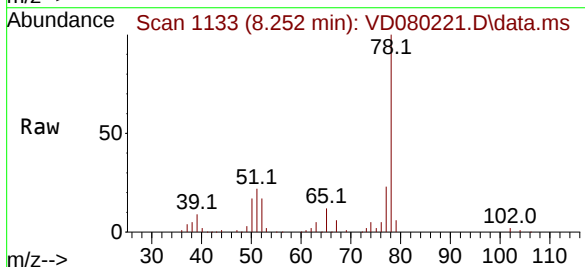
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 83 Resp: 46434
Ion Ratio Lower Upper
83 100
55 83.8 62.5 93.7
98 44.4 37.1 55.7



#40
Benzene
Concen: 19.710 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

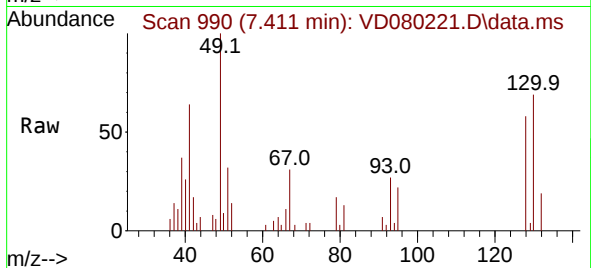
Tgt Ion: 78 Resp: 138015
Ion Ratio Lower Upper
78 100
77 23.5 19.2 28.8



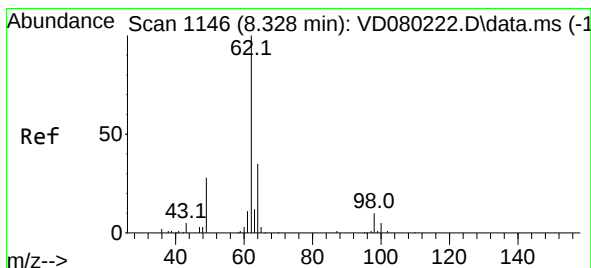
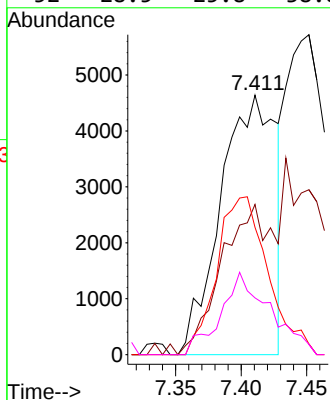
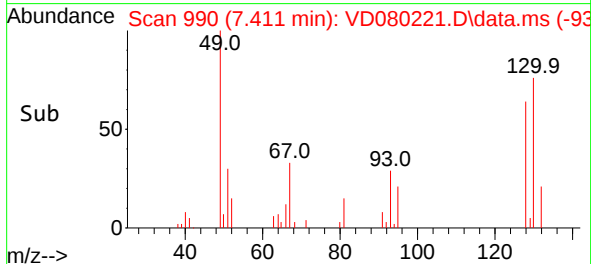


#41
Methacrylonitrile
Concen: 22.441 ug/l
RT: 7.411 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

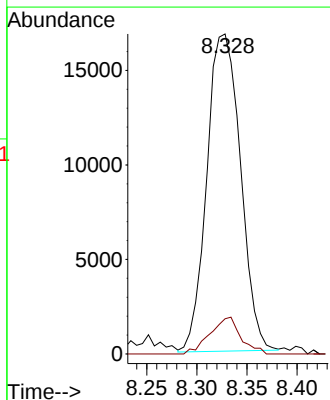
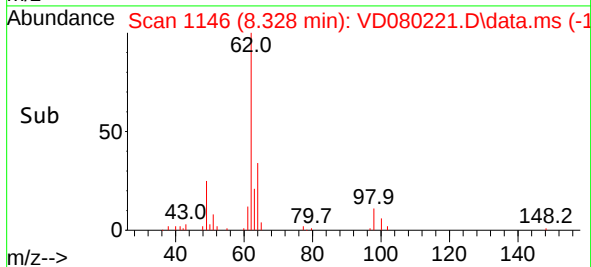
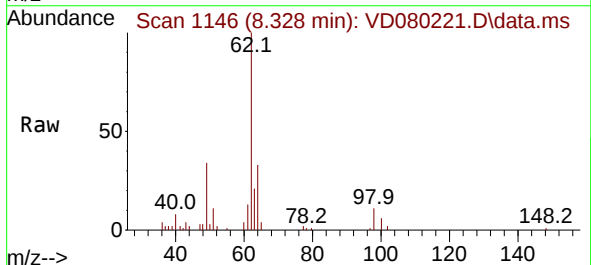


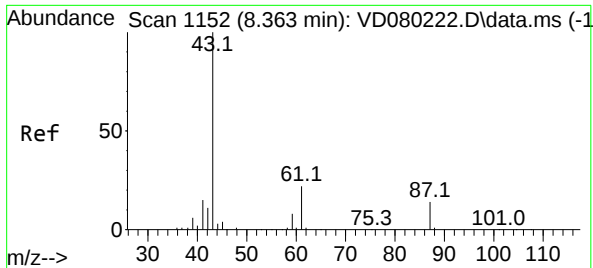
Tgt Ion: 41 Resp: 13551
Ion Ratio Lower Upper
41 100
39 43.2 44.7 67.1#
67 56.5 55.0 82.4
52 28.5 25.8 38.8



#42
1,2-Dichloroethane
Concen: 19.720 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 62 Resp: 39294
Ion Ratio Lower Upper
62 100
98 10.5 0.0 18.4

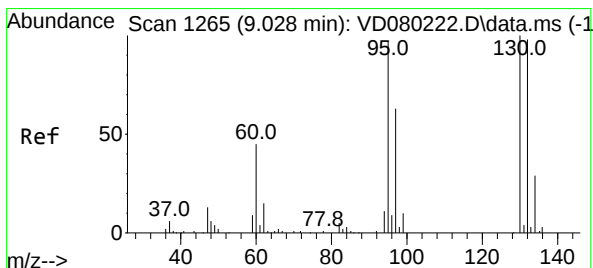
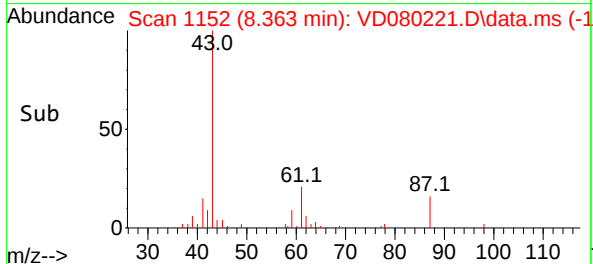
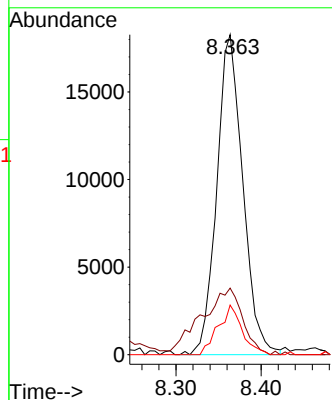
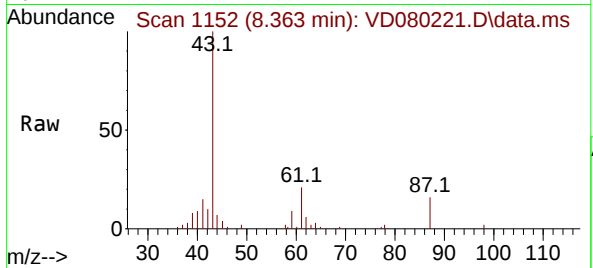




#43
Isopropyl Acetate
Concen: 19.930 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

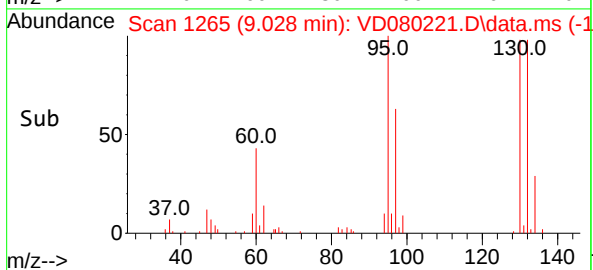
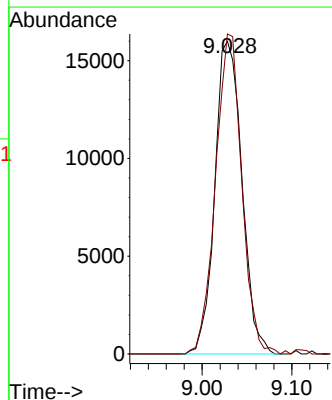
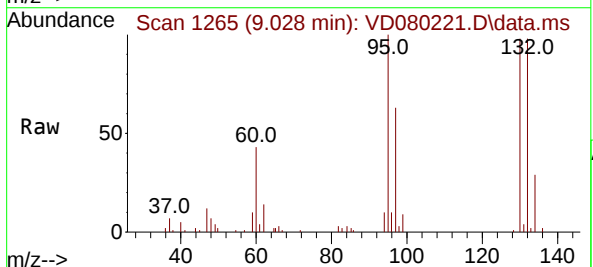
Instrument :
MSVOA_D
ClientSampleId :

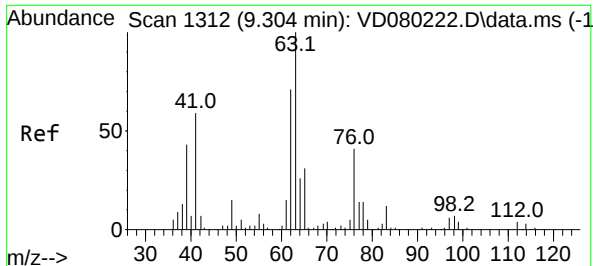
Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.7	25.0	37.4
87	14.2	10.7	16.1



#44
Trichloroethene
Concen: 20.745 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	102.4	0.0	194.2





#45

1,2-Dichloropropane

Concen: 20.684 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

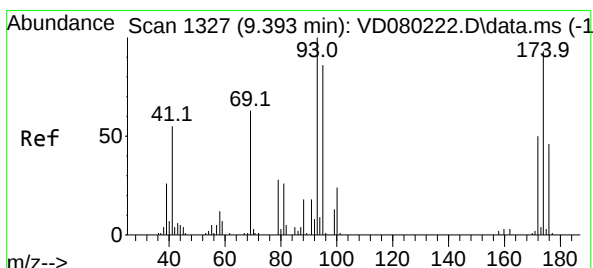
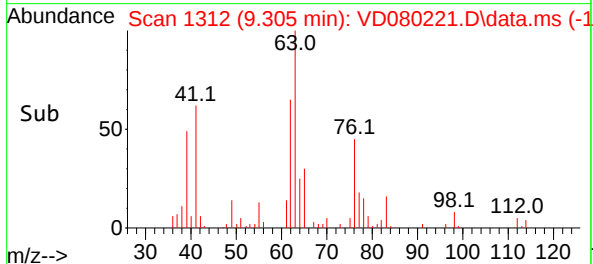
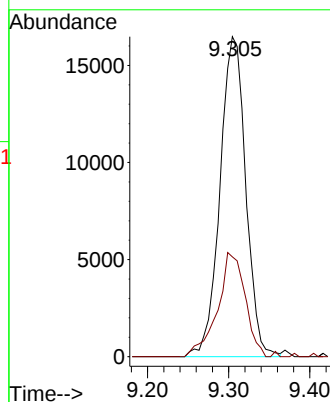
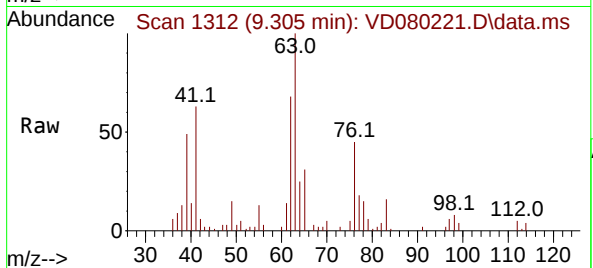
ClientSampleId :

Tgt Ion: 63 Resp: 36430

Ion Ratio Lower Upper

63 100

65 31.2 24.6 36.8



#46

Dibromomethane

Concen: 20.432 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

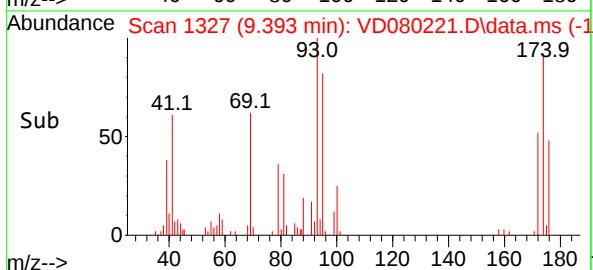
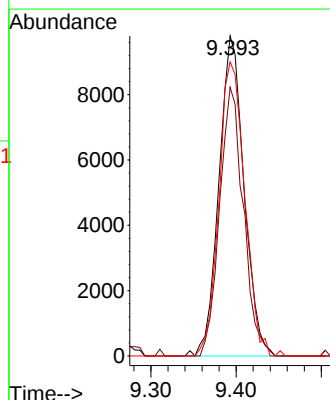
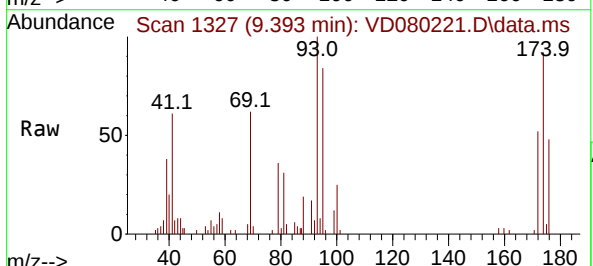
Tgt Ion: 93 Resp: 20049

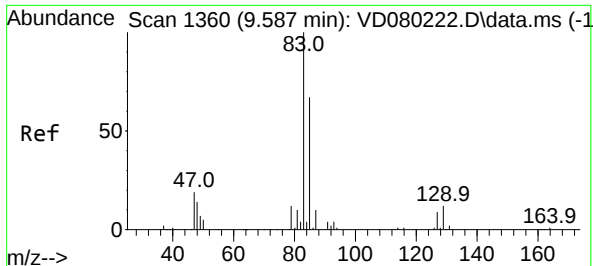
Ion Ratio Lower Upper

93 100

95 79.6 66.8 100.2

174 93.9 76.8 115.2

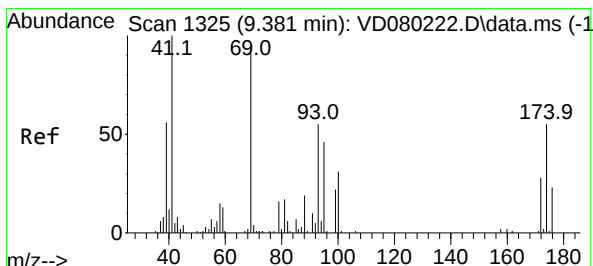
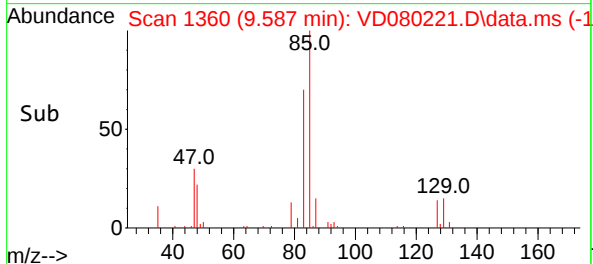
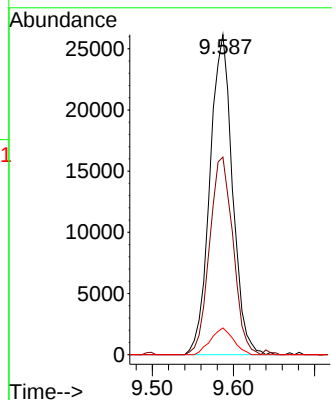
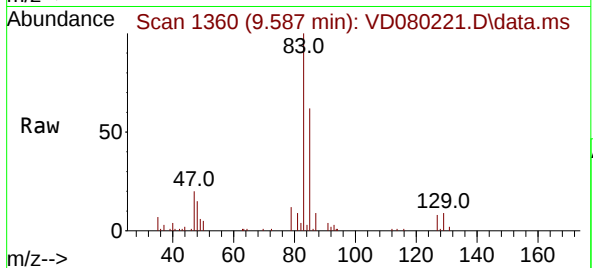




#47
Bromodichloromethane
Concen: 20.426 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

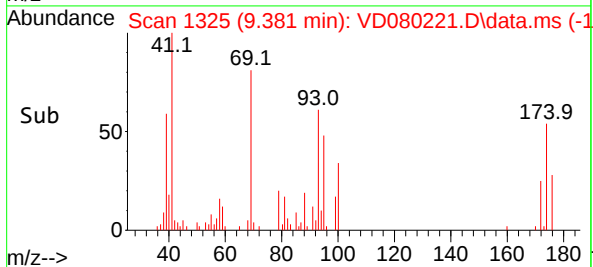
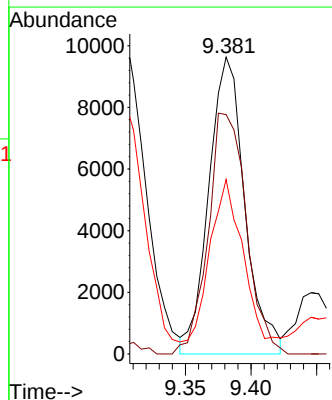
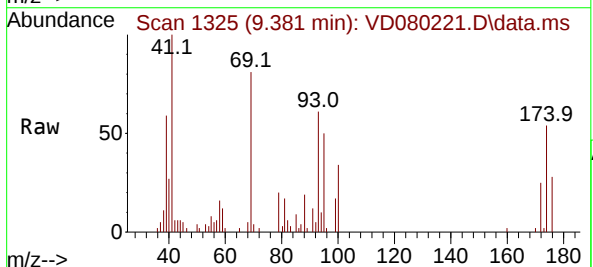
Instrument :
MSVOA_D
ClientSampleId :

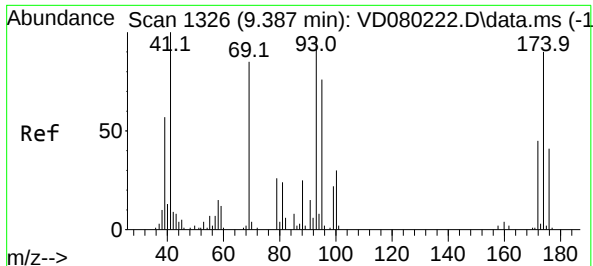
Tgt Ion: 83 Resp: 50544
Ion Ratio Lower Upper
83 100
85 61.8 53.6 80.4
127 8.4 7.4 11.2



#48
Methyl methacrylate
Concen: 20.438 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 41 Resp: 18387
Ion Ratio Lower Upper
41 100
69 85.6 73.7 110.5
39 50.7 49.4 74.2





#49

1,4-Dioxane

Concen: 384.183 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

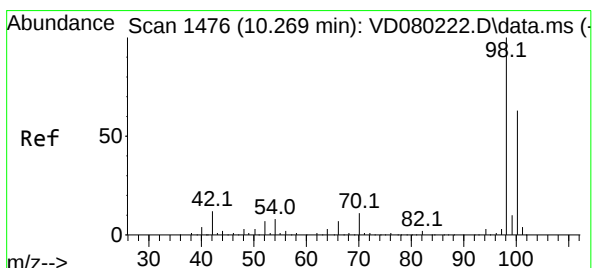
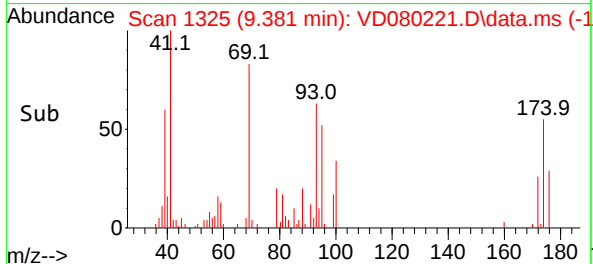
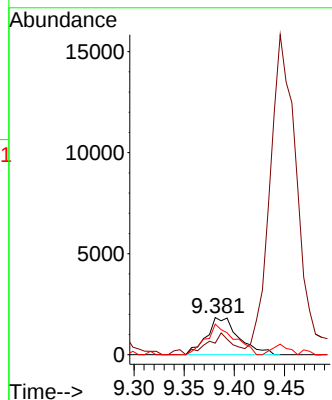
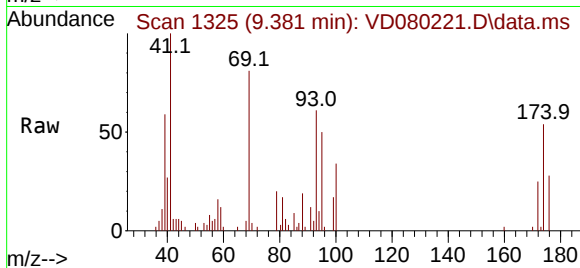
Tgt Ion: 88 Resp: 4101

Ion Ratio Lower Upper

88 100

43 44.6 28.5 42.7#

58 72.3 56.3 84.5



#50

Toluene-d8

Concen: 21.101 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080221.D

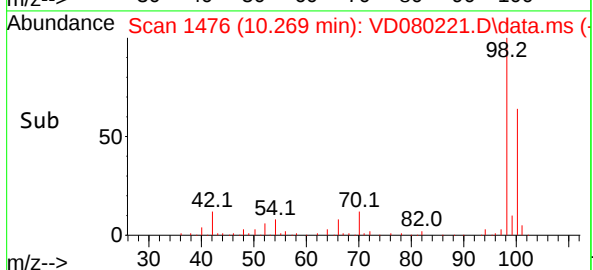
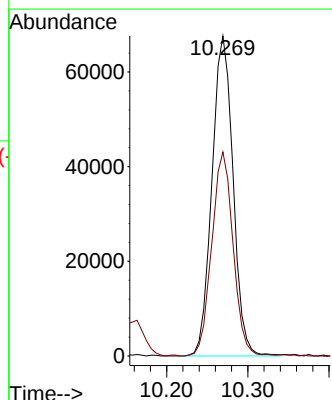
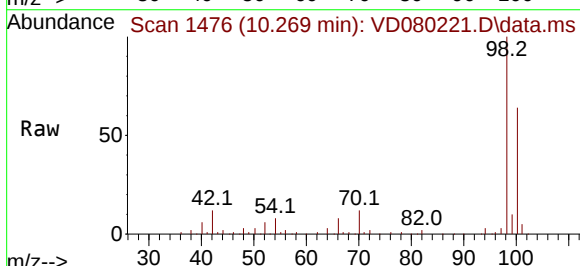
Acq: 03 Feb 2025 11:21

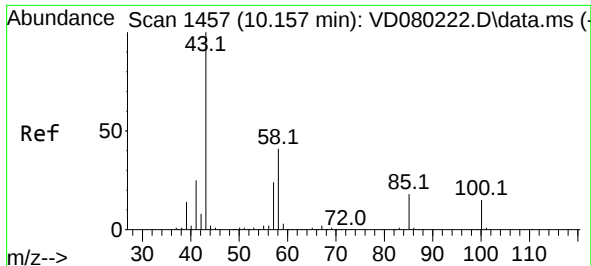
Tgt Ion: 98 Resp: 122045

Ion Ratio Lower Upper

98 100

100 64.4 50.2 75.4

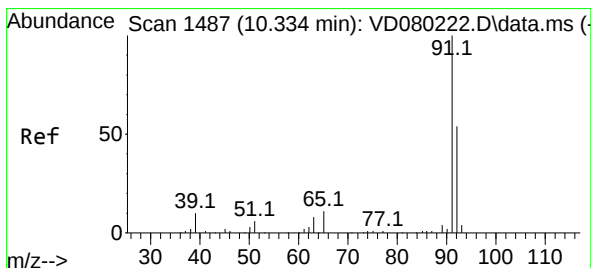
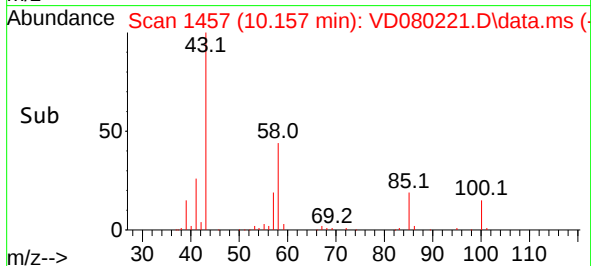
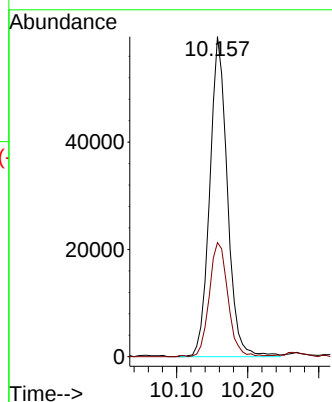
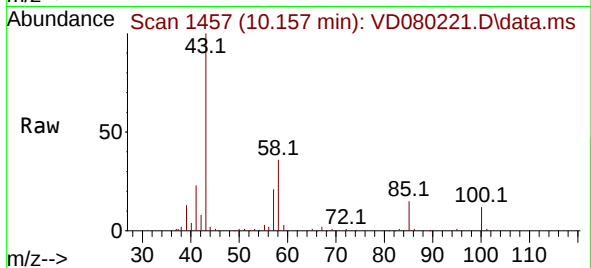




#51
4-Methyl-2-Pentanone
Concen: 104.715 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

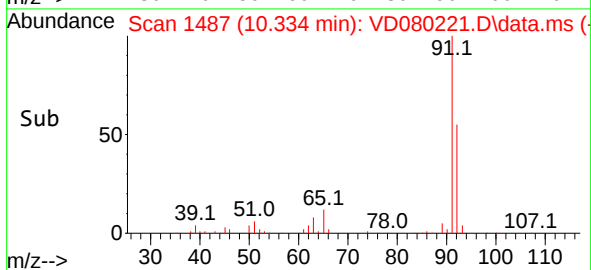
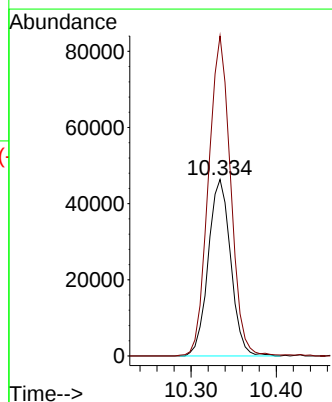
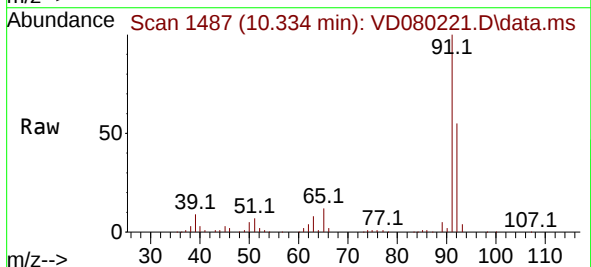
Instrument :
MSVOA_D
ClientSampleId :

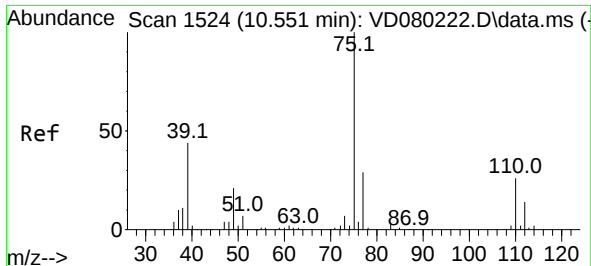
Tgt Ion: 43 Resp: 102940
Ion Ratio Lower Upper
43 100
58 37.6 31.1 46.7



#52
Toluene
Concen: 20.666 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 92 Resp: 84644
Ion Ratio Lower Upper
92 100
91 179.5 144.7 217.1

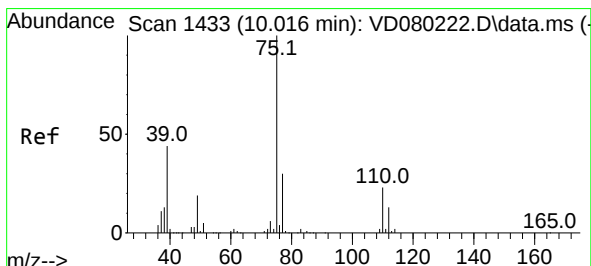
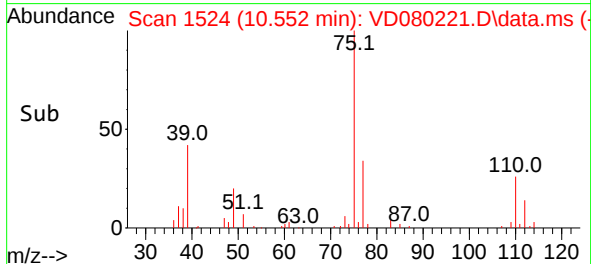
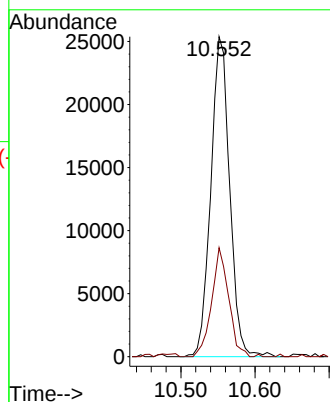
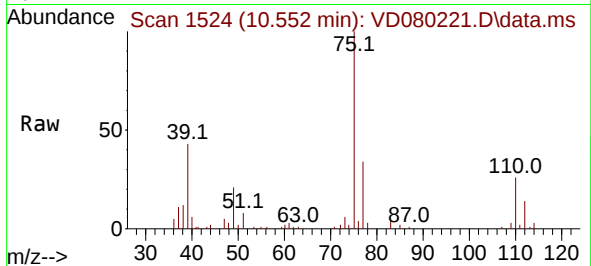




#53
 t-1,3-Dichloropropene
 Concen: 21.262 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

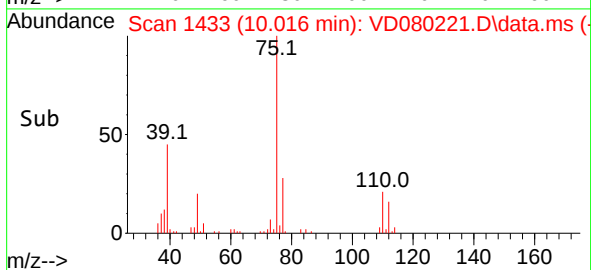
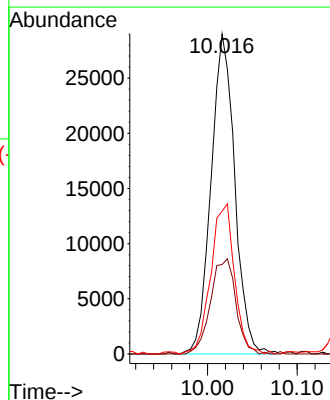
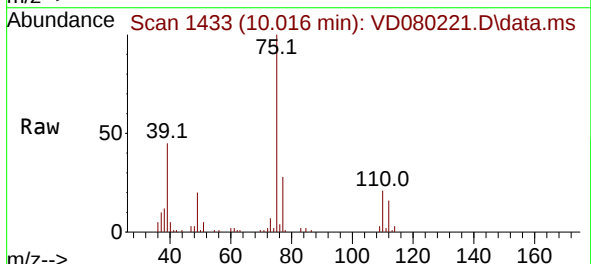
Instrument :
 MSVOA_D
 ClientSampleId :

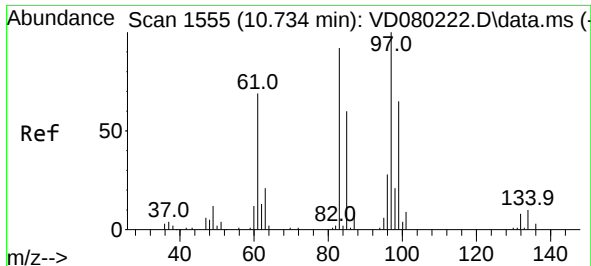
Tgt Ion: 75 Resp: 44852
 Ion Ratio Lower Upper
 75 100
 77 34.1 23.0 34.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.768 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

Tgt Ion: 75 Resp: 53290
 Ion Ratio Lower Upper
 75 100
 77 27.9 24.1 36.1
 39 44.6 35.1 52.7

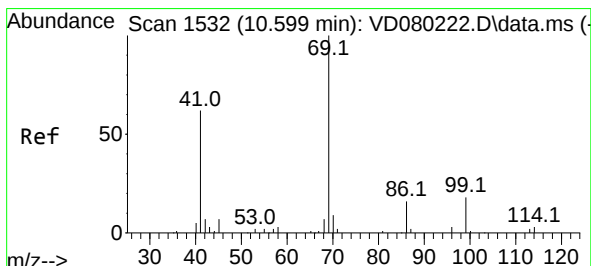
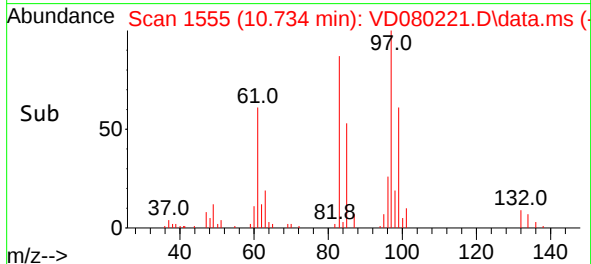
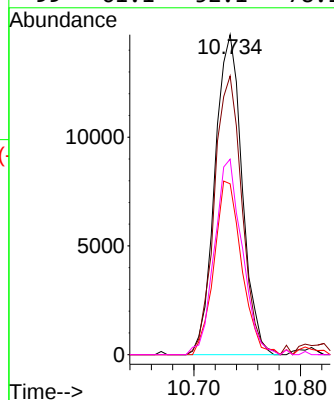
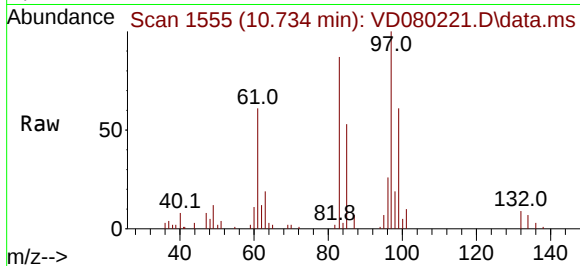




#55
1,1,2-Trichloroethane
Concen: 20.465 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

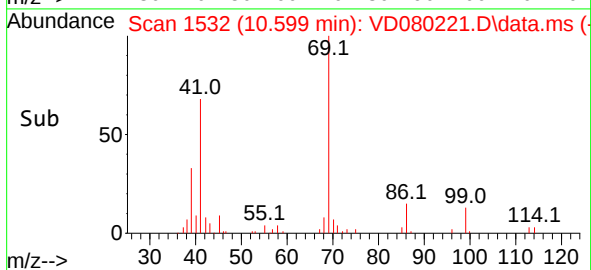
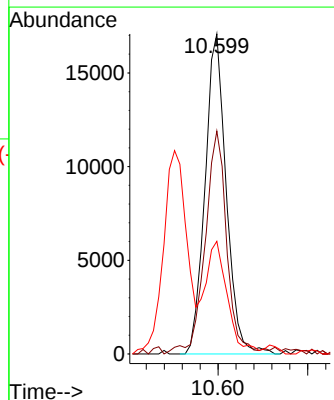
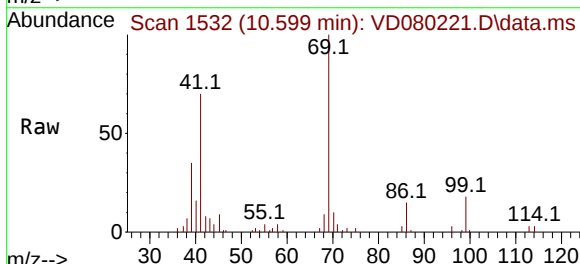
Instrument :
MSVOA_D
ClientSampleId :

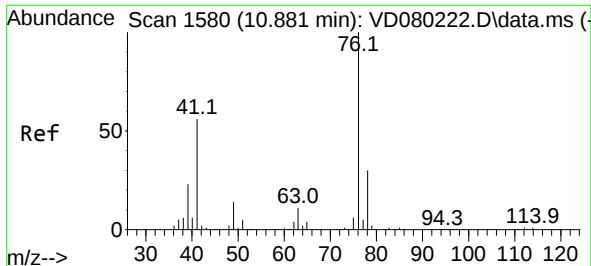
Tgt Ion: 97	Resp: 26092
Ion Ratio	Lower Upper
97 100	
83 87.1	73.9 110.9
85 53.4	48.2 72.2
99 61.1	52.1 78.1



#56
Ethyl methacrylate
Concen: 19.230 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 69	Resp: 27975
Ion Ratio	Lower Upper
69 100	
41 71.0	51.8 77.6
39 37.5	28.7 43.1





#57

1,3-Dichloropropane

Concen: 20.736 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

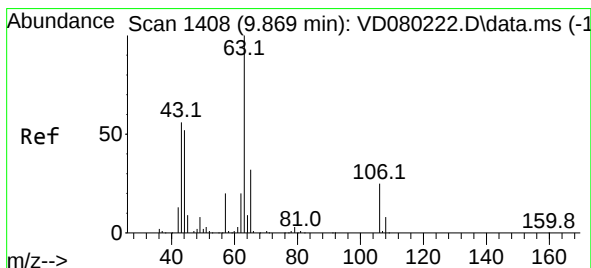
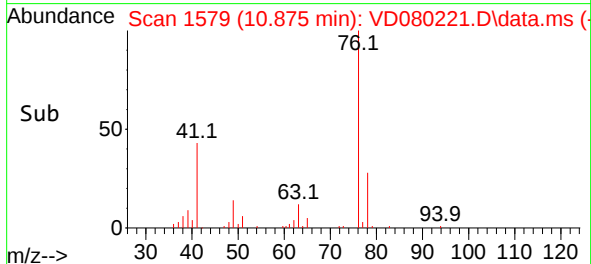
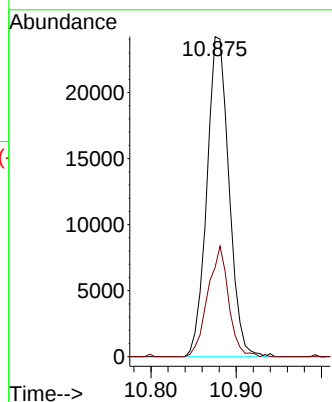
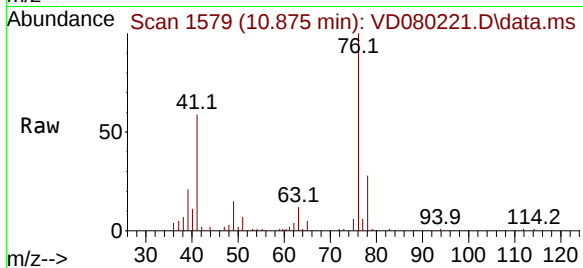
ClientSampleId :

Tgt Ion: 76 Resp: 43729

Ion Ratio Lower Upper

76 100

78 32.5 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.728 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080221.D

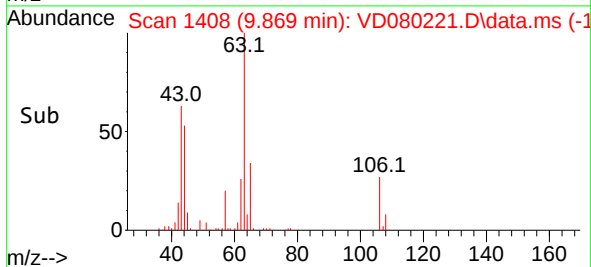
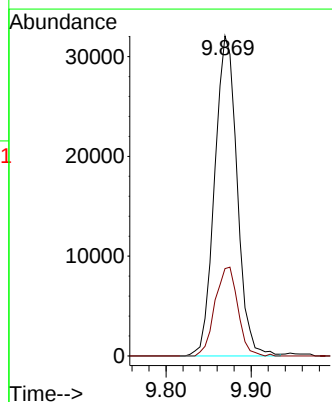
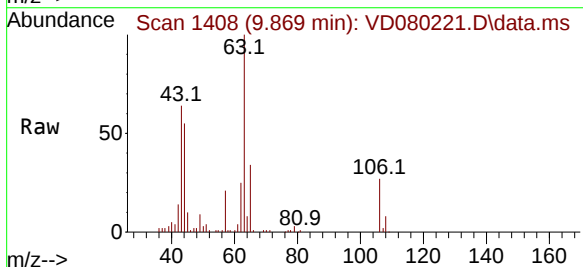
Acq: 03 Feb 2025 11:21

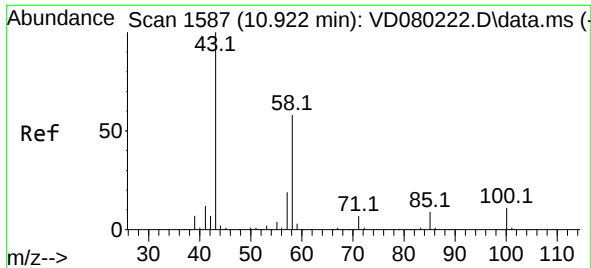
Tgt Ion: 63 Resp: 58818

Ion Ratio Lower Upper

63 100

106 28.3 20.6 30.8

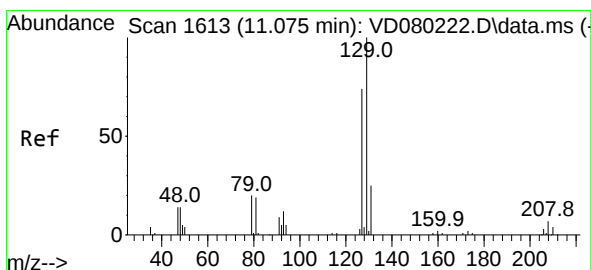
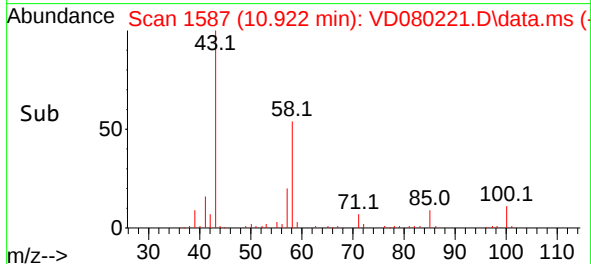
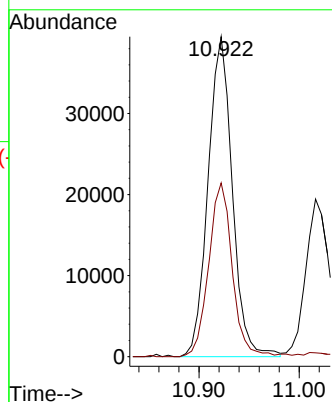
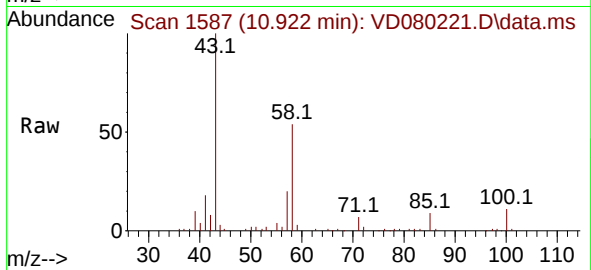




#59
2-Hexanone
Concen: 102.963 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

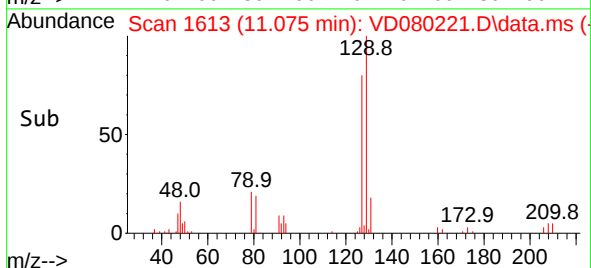
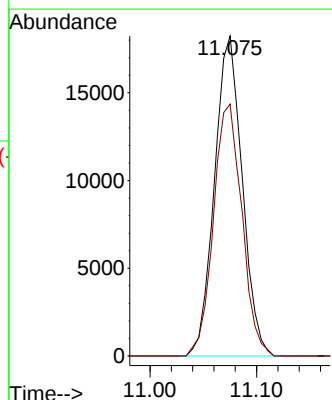
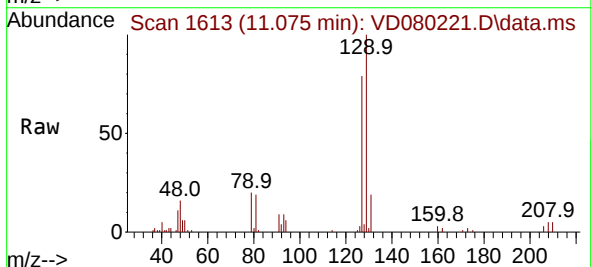
Instrument :
MSVOA_D
ClientSampleId :

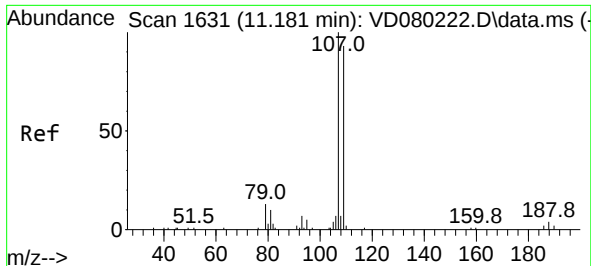
Tgt Ion: 43 Resp: 66419
Ion Ratio Lower Upper
43 100
58 52.9 27.4 82.2



#60
Dibromochloromethane
Concen: 20.940 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:129 Resp: 32908
Ion Ratio Lower Upper
129 100
127 80.8 38.1 114.5

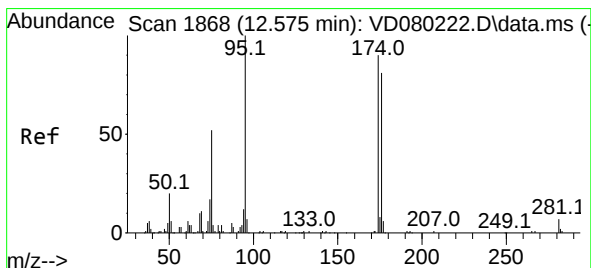
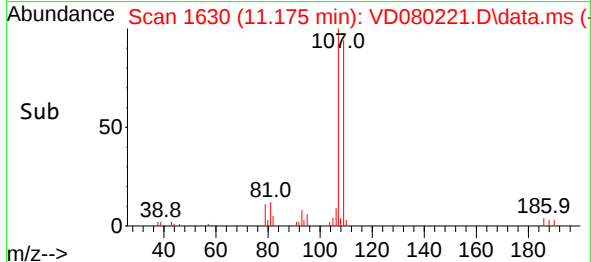
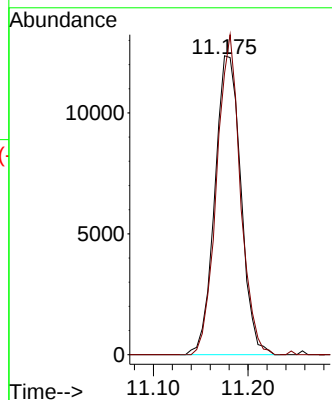
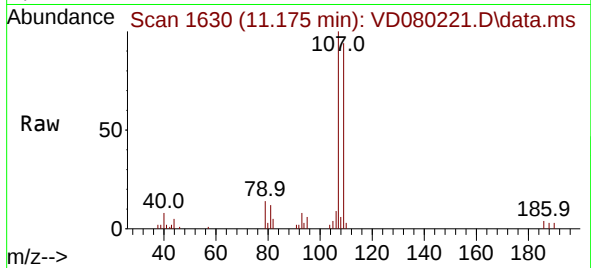




#61
1,2-Dibromoethane
Concen: 20.368 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

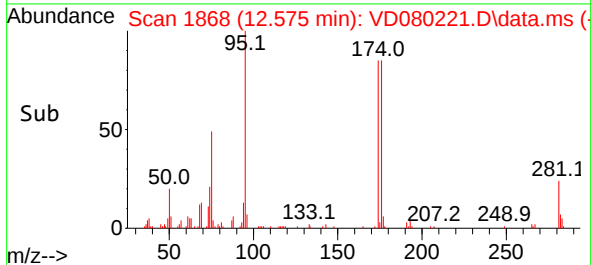
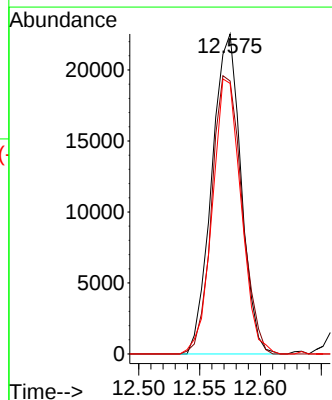
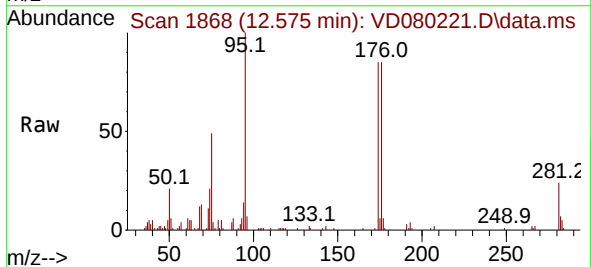
Instrument :
MSVOA_D
ClientSampleId :

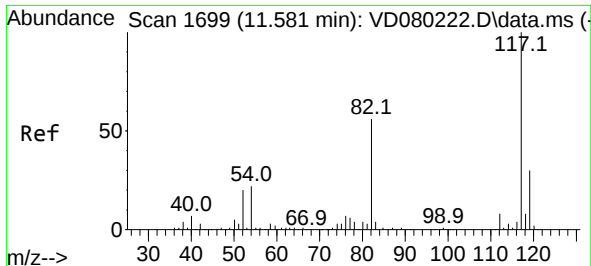
Tgt Ion:107 Resp: 23651
Ion Ratio Lower Upper
107 100
109 97.4 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 20.279 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 95 Resp: 37635
Ion Ratio Lower Upper
95 100
174 89.2 0.0 171.8
176 84.2 0.0 159.6

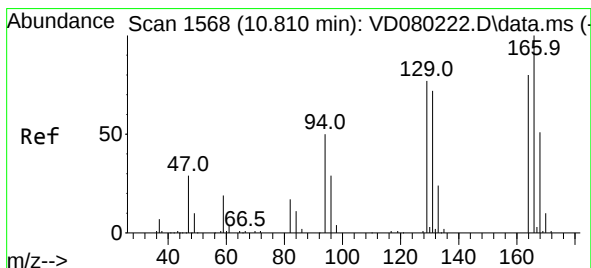
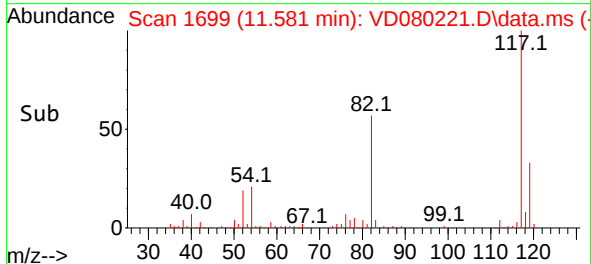
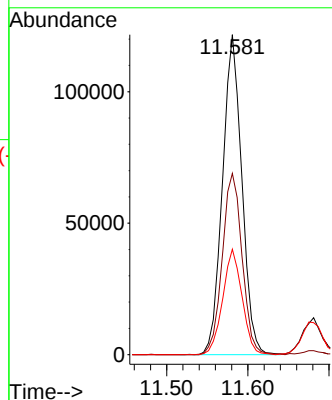
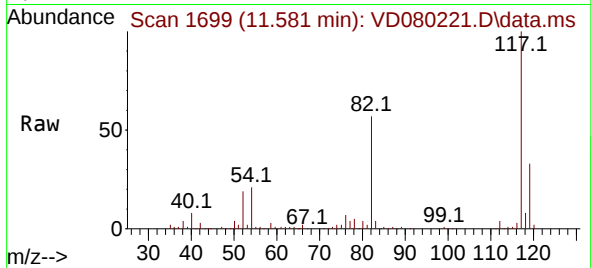




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

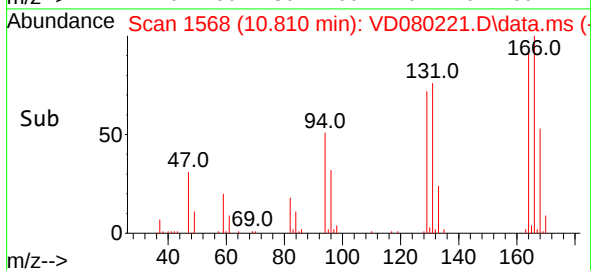
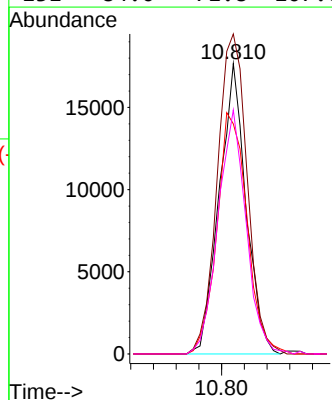
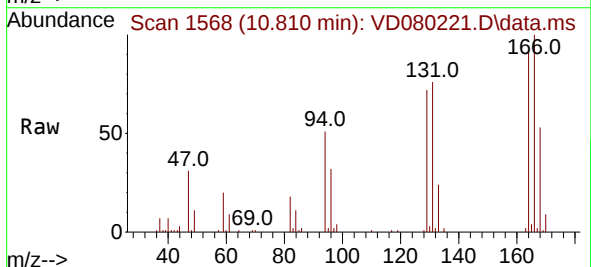
Instrument :
MSVOA_D
ClientSampleId :

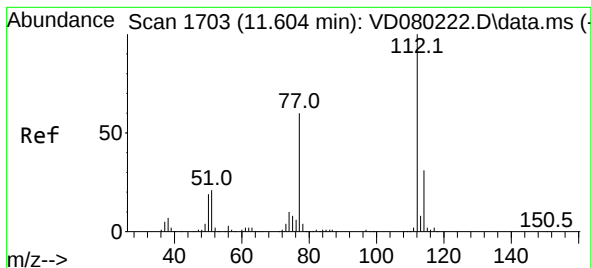
Tgt Ion:117 Resp: 201909
Ion Ratio Lower Upper
117 100
82 56.7 45.0 67.6
119 33.0 24.3 36.5



#64
Tetrachloroethene
Concen: 20.488 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:164 Resp: 28898
Ion Ratio Lower Upper
164 100
166 110.2 99.4 149.2
129 79.2 76.3 114.5
131 84.0 71.8 107.6





#65

Chlorobenzene

Concen: 20.373 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

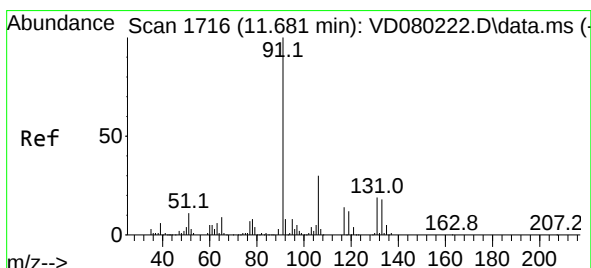
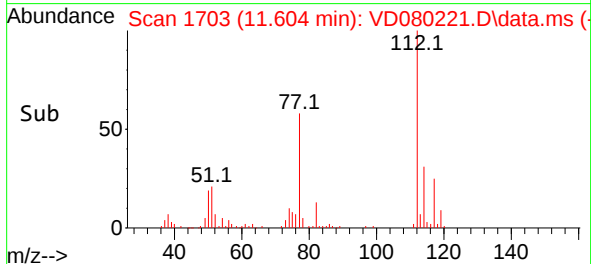
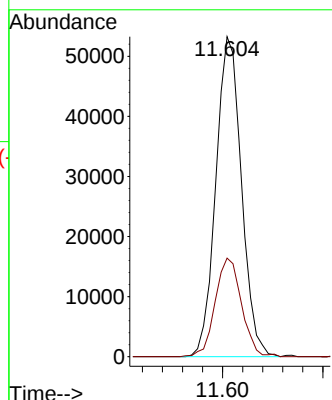
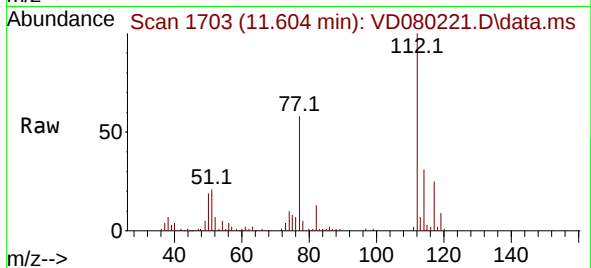
ClientSampleId :

Tgt Ion:112 Resp: 94289

Ion Ratio Lower Upper

112 100

114 30.8 24.5 36.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.273 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

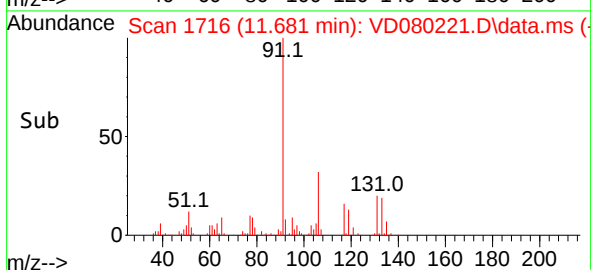
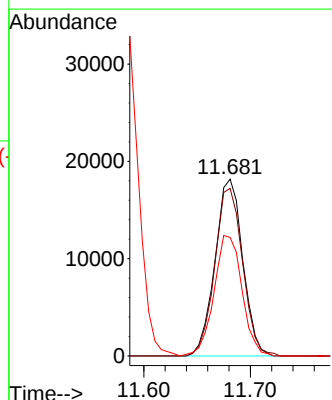
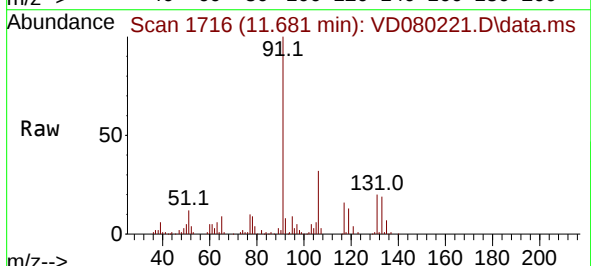
Tgt Ion:131 Resp: 32824

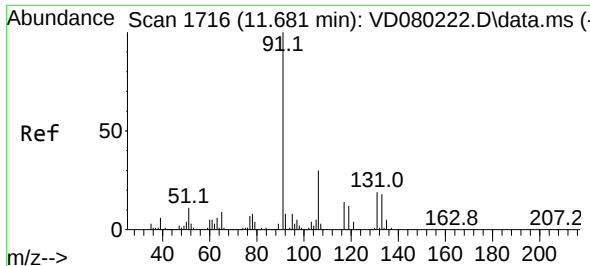
Ion Ratio Lower Upper

131 100

133 95.3 45.9 137.7

119 68.7 33.9 101.6

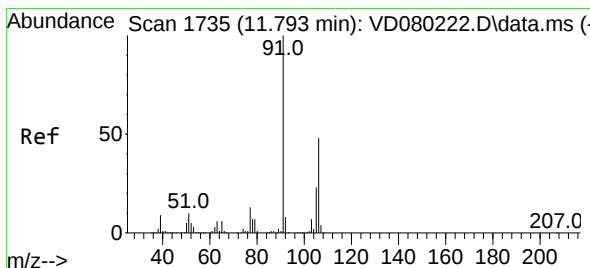
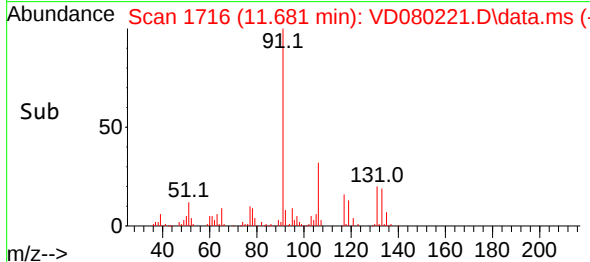
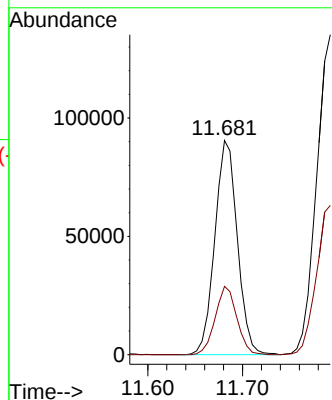
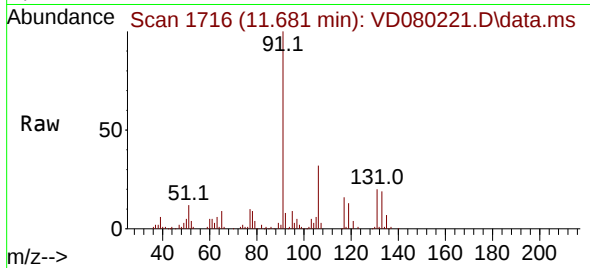




#67
Ethyl Benzene
Concen: 19.457 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

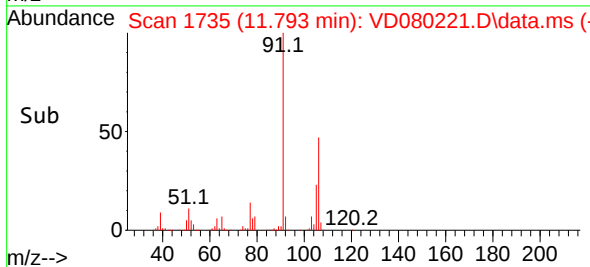
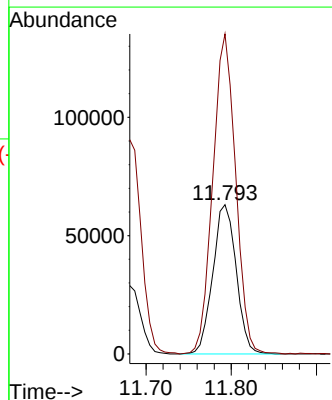
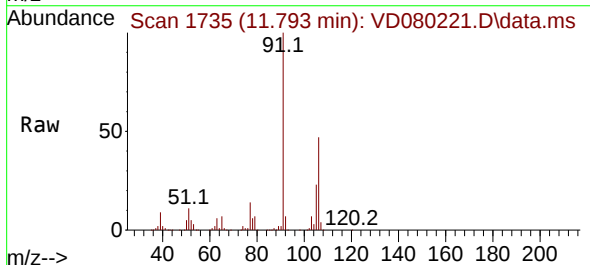
Instrument :
MSVOA_D
ClientSampleId :

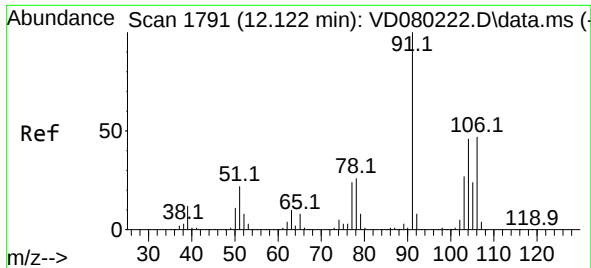
Tgt Ion: 91 Resp: 149799
Ion Ratio Lower Upper
91 100
106 31.9 23.9 35.9



#68
m/p-Xylenes
Concen: 40.276 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 106 Resp: 120381
Ion Ratio Lower Upper
106 100
91 209.1 165.8 248.8

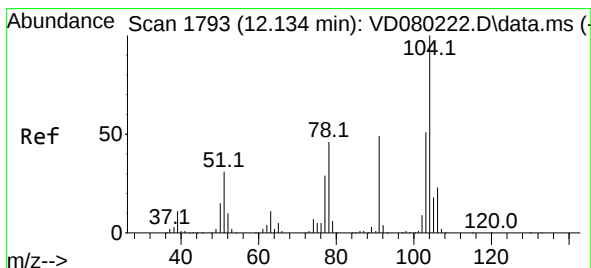
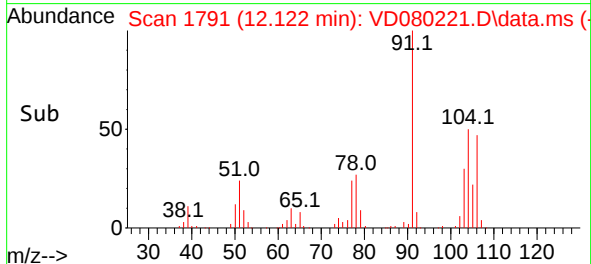
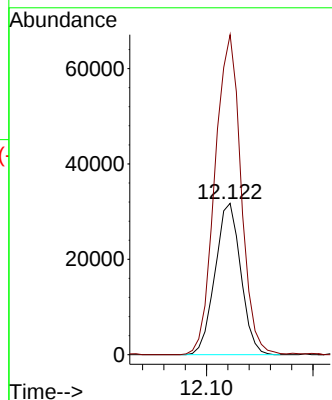
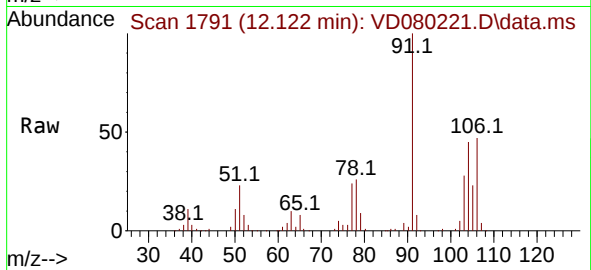




#69
o-Xylene
Concen: 19.466 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

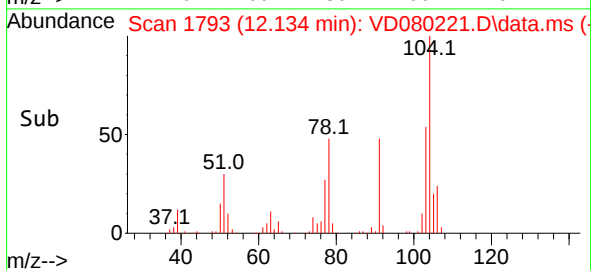
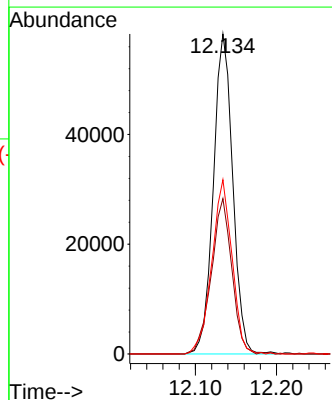
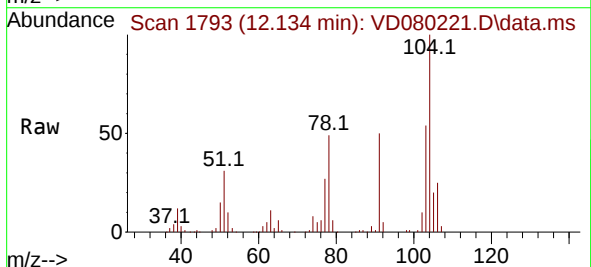
Instrument :
MSVOA_D
ClientSampleId :

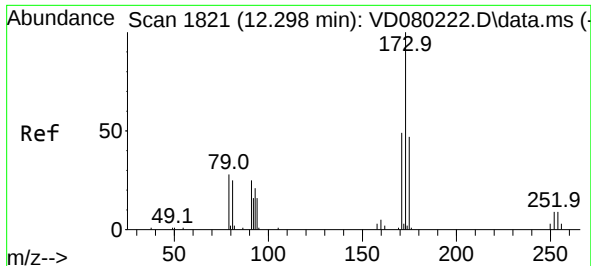
Tgt Ion:106 Resp: 53055
Ion Ratio Lower Upper
106 100
91 214.9 107.7 323.3



#70
Styrene
Concen: 19.946 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

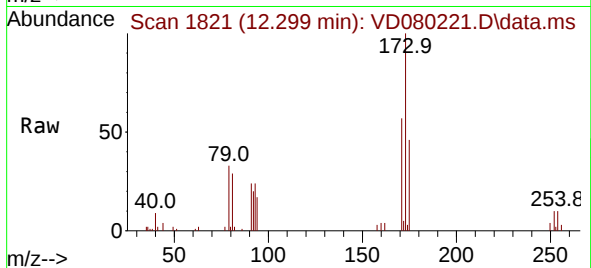
Tgt Ion:104 Resp: 96771
Ion Ratio Lower Upper
104 100
78 51.1 40.7 61.1
103 56.8 45.0 67.4



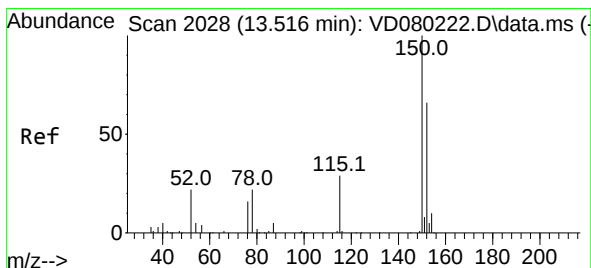
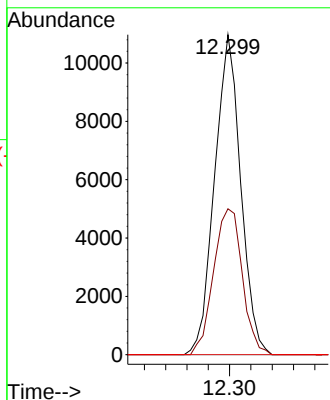
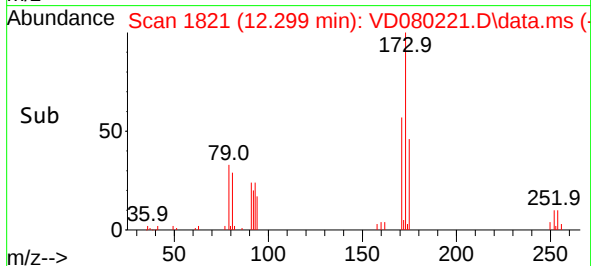


#71
Bromoform
Concen: 19.545 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

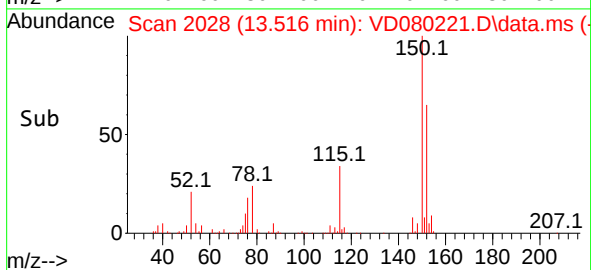
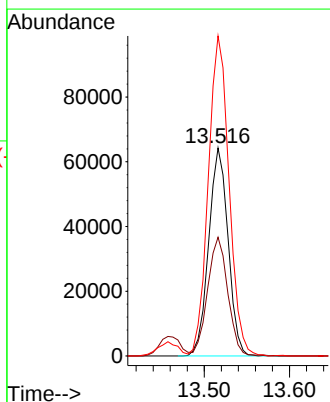
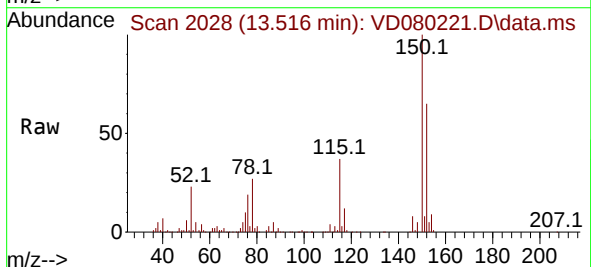


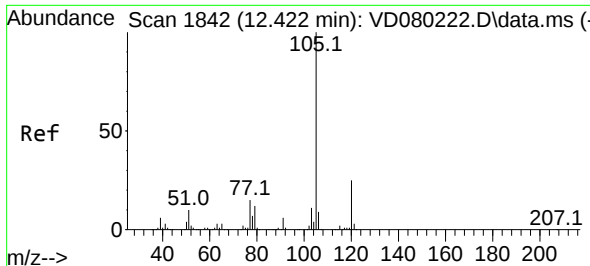
Tgt Ion:173 Resp: 18655
Ion Ratio Lower Upper
173 100
175 50.2 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:152 Resp: 101736
Ion Ratio Lower Upper
152 100
115 58.9 30.0 90.1
150 164.4 0.0 350.4

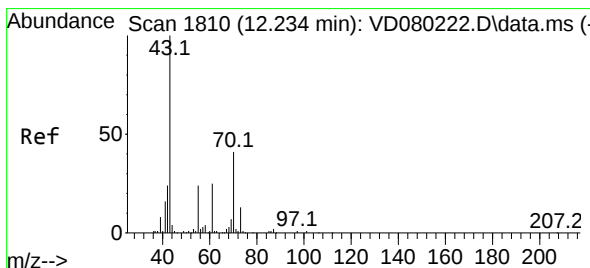
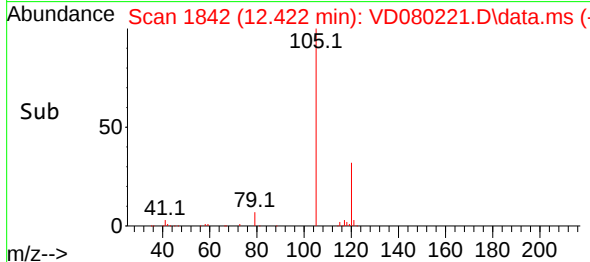
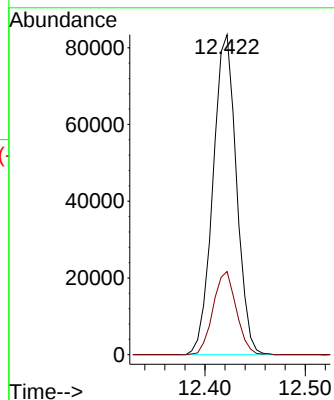
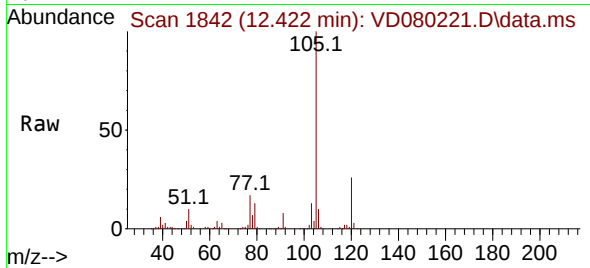




#73
Isopropylbenzene
Concen: 19.711 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

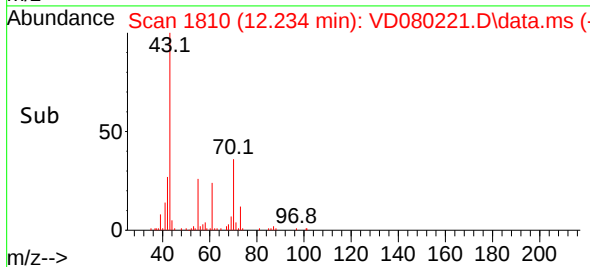
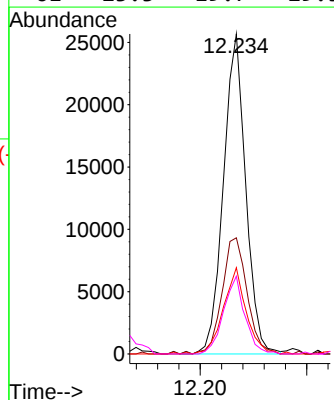
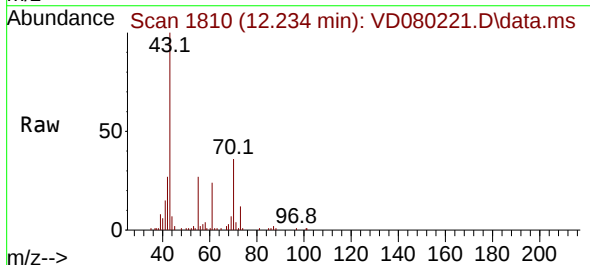
Instrument :
MSVOA_D
ClientSampleId :

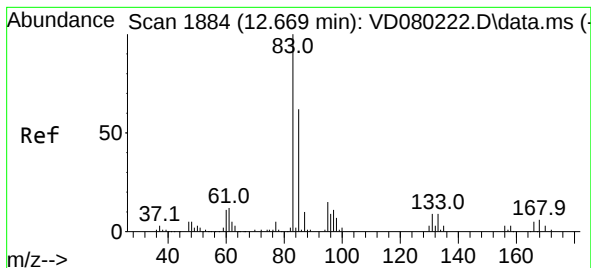
Tgt Ion:105 Resp: 135640
Ion Ratio Lower Upper
105 100
120 25.7 12.9 38.6



#74
N-ethyl acetate
Concen: 20.606 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 43 Resp: 37273
Ion Ratio Lower Upper
43 100
70 40.6 33.6 50.4
55 27.9 21.4 32.0
61 23.3 19.7 29.5

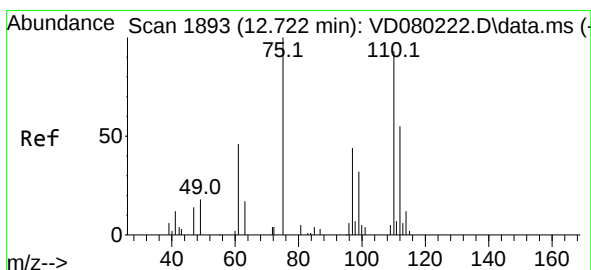
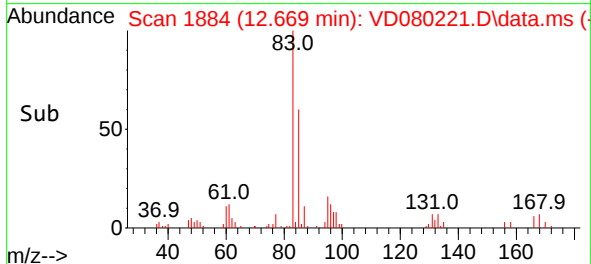
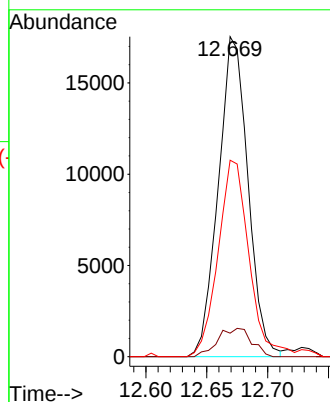
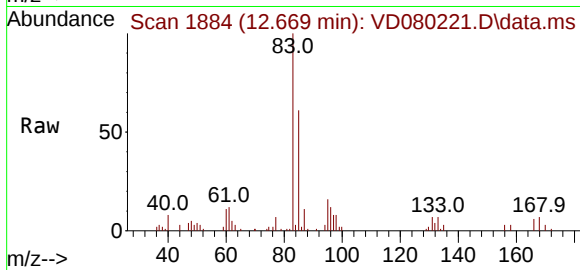




#75
1,1,2,2-Tetrachloroethane
Concen: 20.750 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

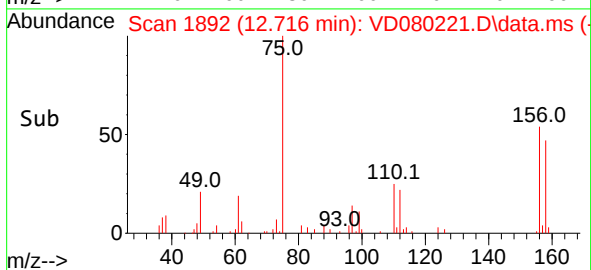
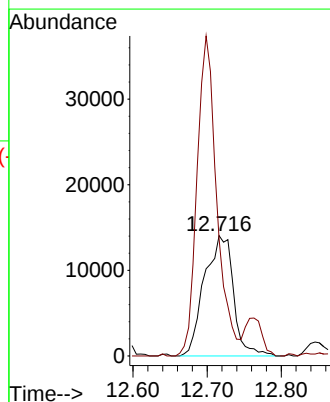
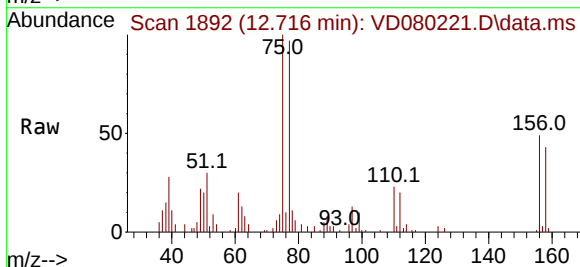
Instrument :
MSVOA_D
ClientSampleId :

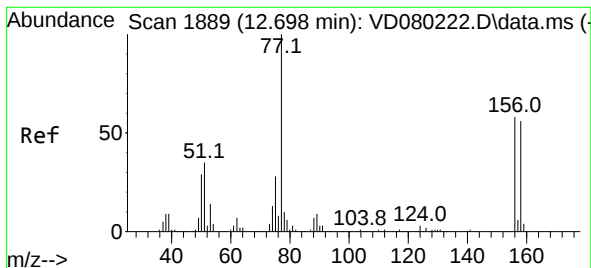
Tgt Ion:	83	Resp:	29713
Ion Ratio	Lower	Upper	
83	100		
131	10.1	4.9	14.6
85	64.0	32.4	97.0



#76
1,2,3-Trichloropropane
Concen: 37.208 ug/l
RT: 12.716 min Scan# 1892
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:	75	Resp:	38289
Ion Ratio	Lower	Upper	
75	100		
77	181.8	0.0	0.0#





#77

Bromobenzene

Concen: 20.461 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD080221.D

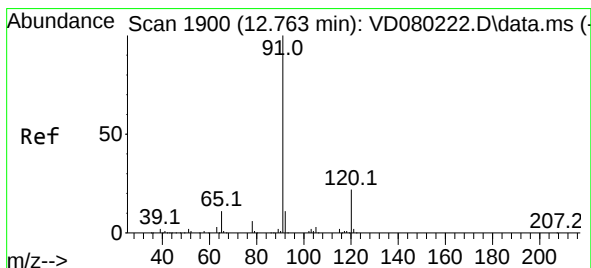
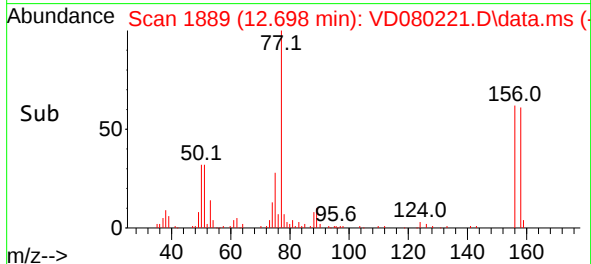
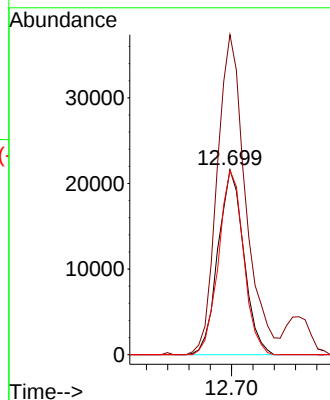
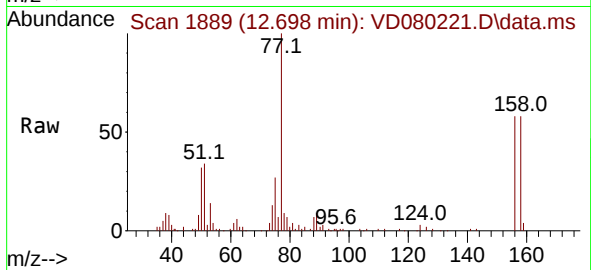
Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	36319
Ion Ratio	Lower	Upper	
156	100		
77	191.6	95.2	285.4
158	96.2	47.8	143.3



#78

n-propylbenzene

Concen: 19.942 ug/l

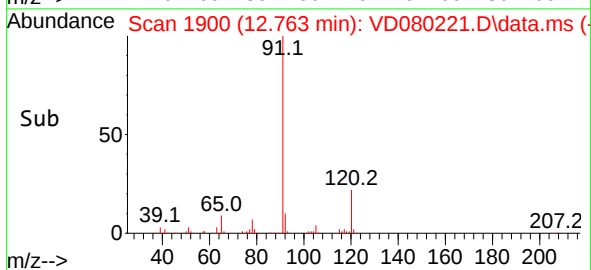
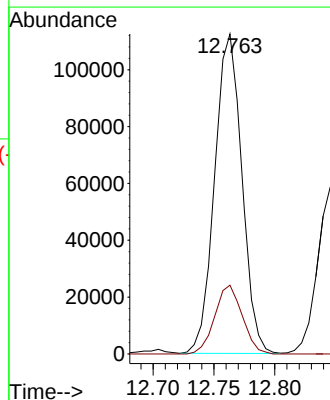
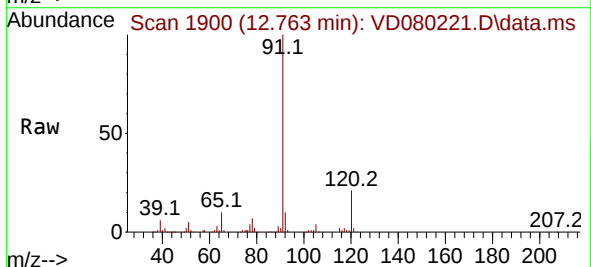
RT: 12.763 min Scan# 1900

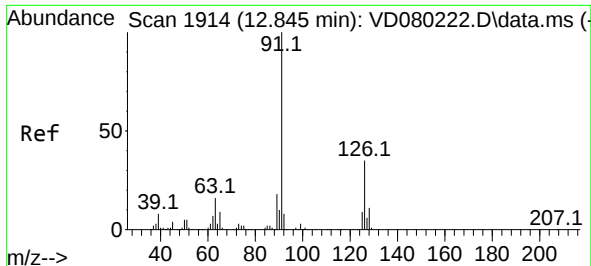
Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Tgt Ion:	91	Resp:	174717
Ion Ratio	Lower	Upper	
91	100		
120	21.7	11.0	33.0

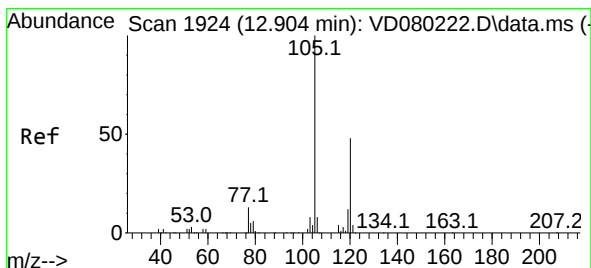
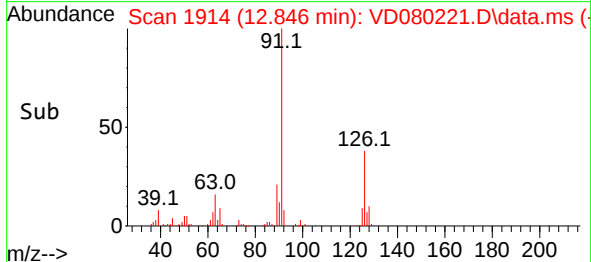
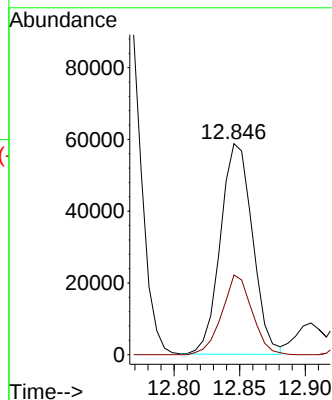
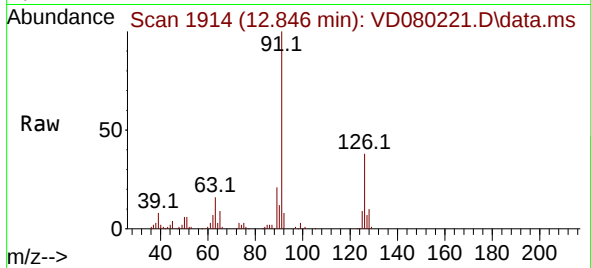




#79
2-Chlorotoluene
Concen: 20.091 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

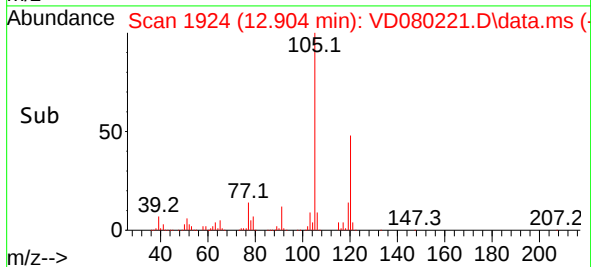
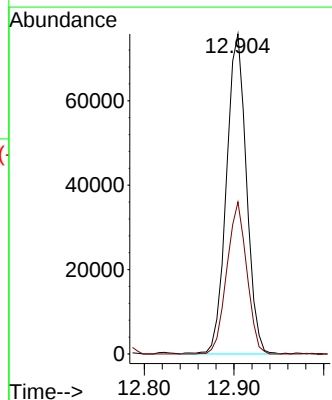
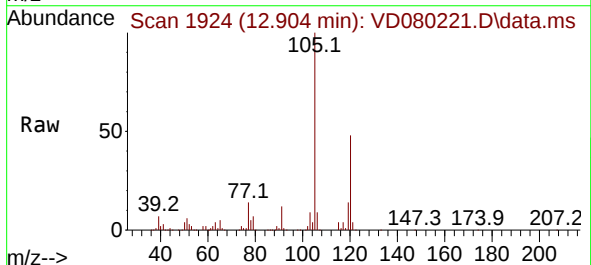
Instrument :
MSVOA_D
ClientSampleId :

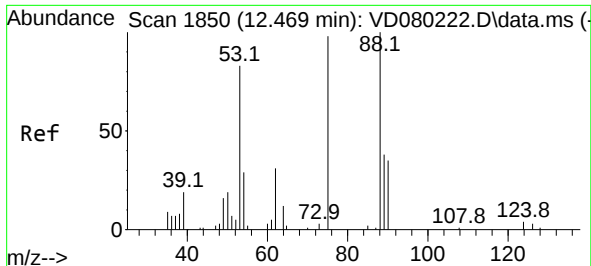
Tgt Ion: 91 Resp: 100001
Ion Ratio Lower Upper
91 100
126 35.5 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 20.377 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 105 Resp: 117266
Ion Ratio Lower Upper
105 100
120 47.3 23.5 70.5

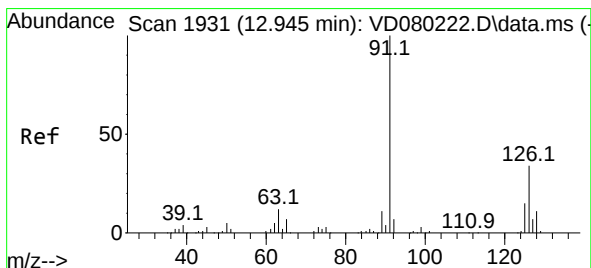
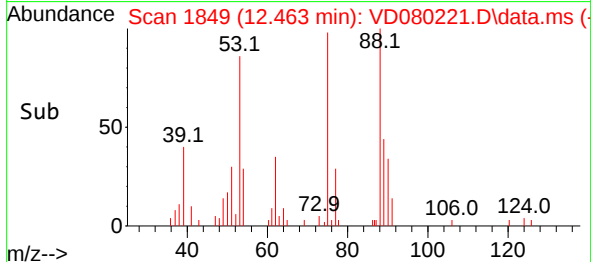
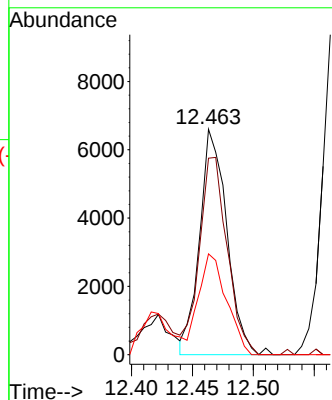
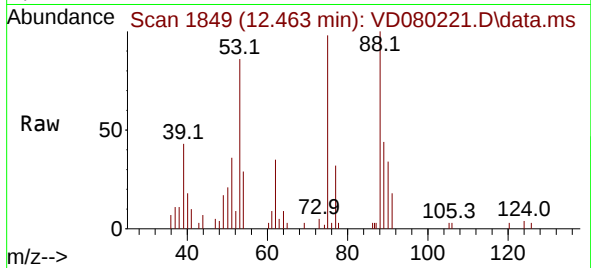




#81
trans-1,4-Dichloro-2-butene
Concen: 20.397 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

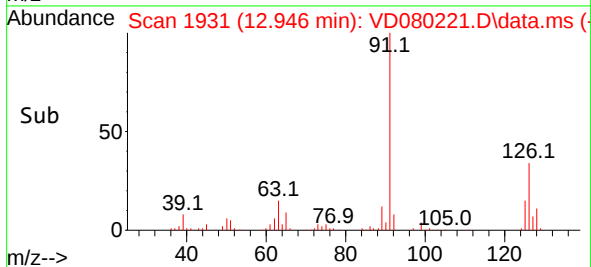
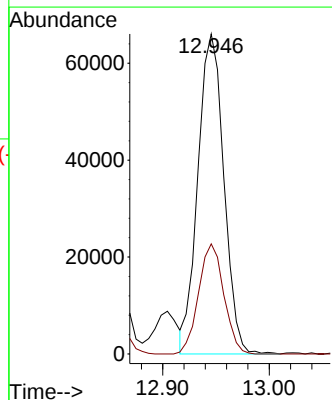
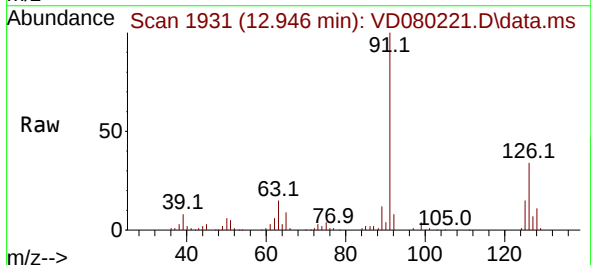
Instrument :
MSVOA_D
ClientSampleId :

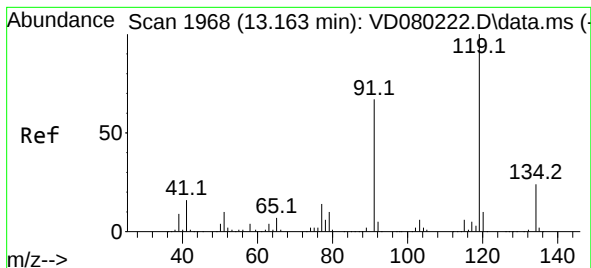
Tgt Ion: 75 Resp: 10265
Ion Ratio Lower Upper
75 100
53 89.6 69.1 103.7
89 45.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.163 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion: 91 Resp: 111940
Ion Ratio Lower Upper
91 100
126 33.4 16.9 50.6





#83

tert-Butylbenzene

Concen: 18.954 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

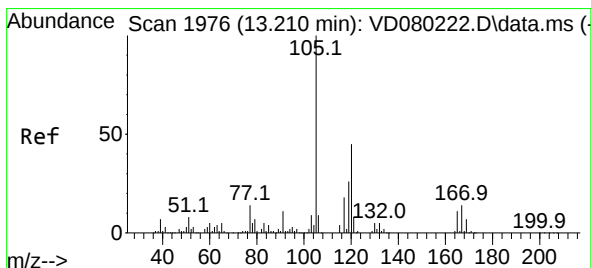
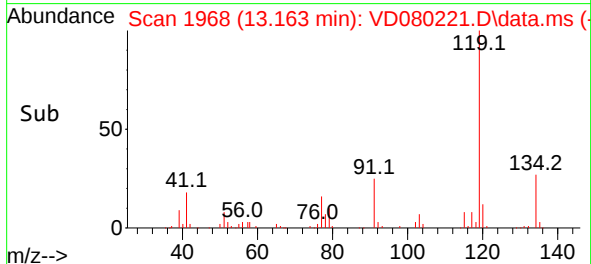
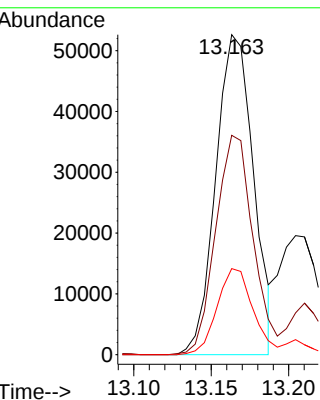
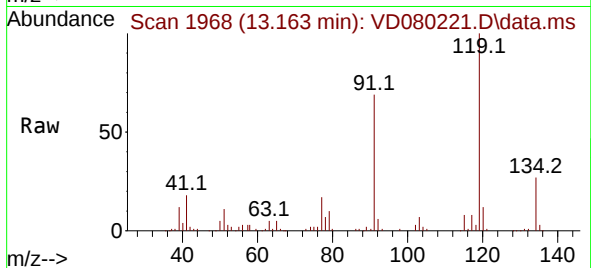
Tgt Ion:119 Resp: 89175

Ion Ratio Lower Upper

119 100

91 68.0 34.5 103.5

134 25.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.206 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD080221.D

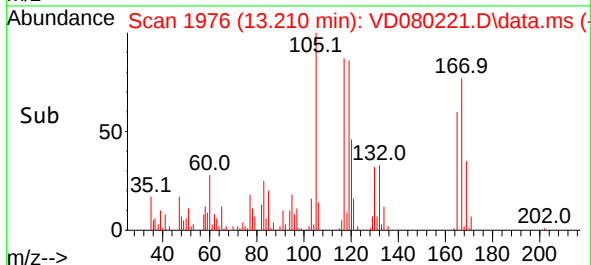
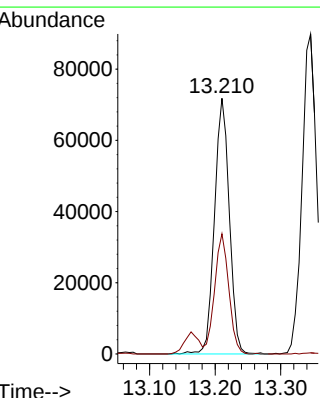
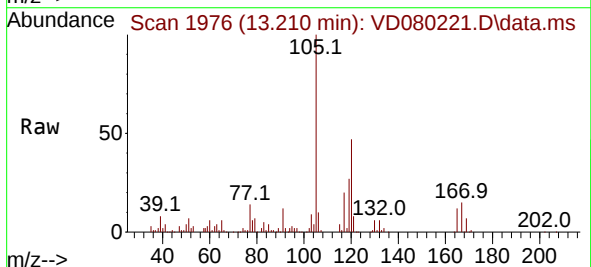
Acq: 03 Feb 2025 11:21

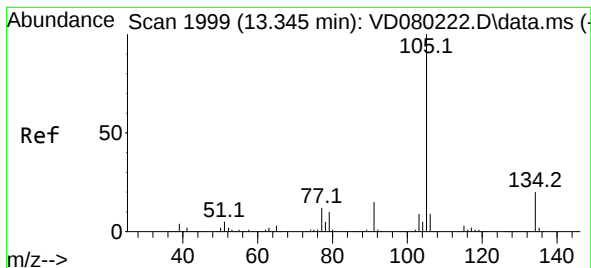
Tgt Ion:105 Resp: 112504

Ion Ratio Lower Upper

105 100

120 44.9 22.1 66.5





#85

sec-Butylbenzene

Concen: 19.434 ug/l

RT: 13.346 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

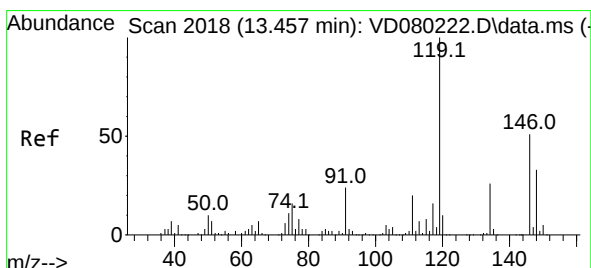
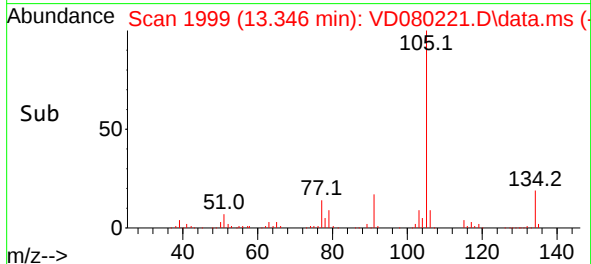
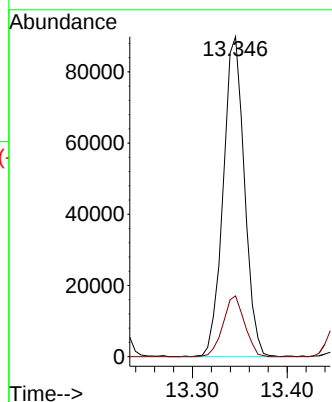
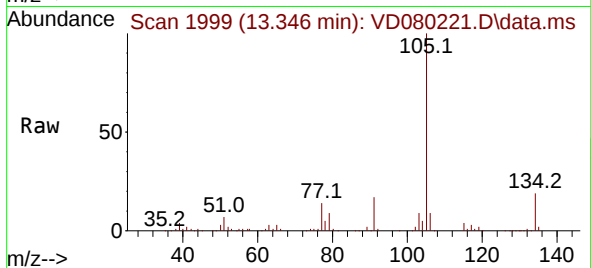
ClientSampleId :

Tgt Ion:105 Resp: 139797

Ion Ratio Lower Upper

105 100

134 19.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 18.934 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

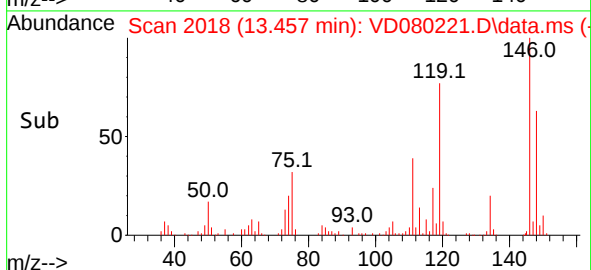
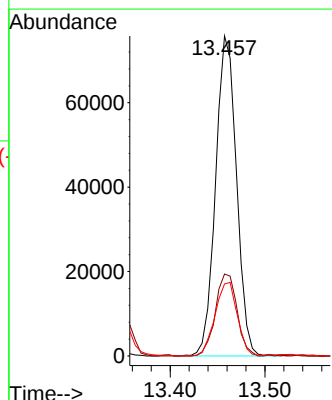
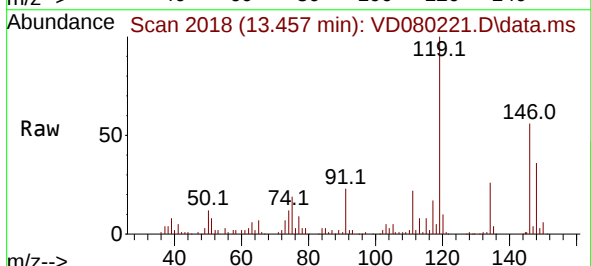
Tgt Ion:119 Resp: 116302

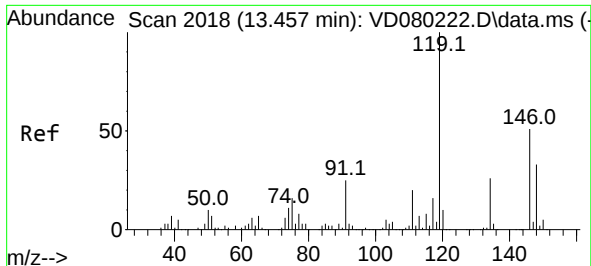
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.9

91 24.5 12.4 37.2

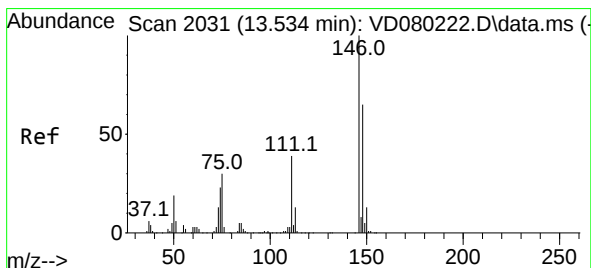
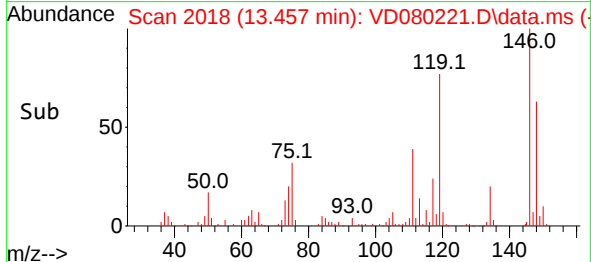
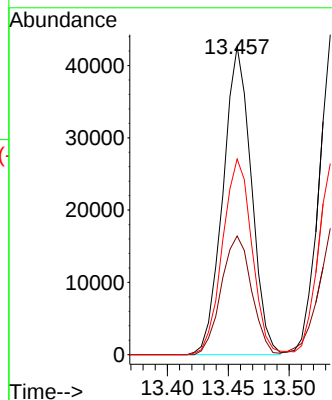
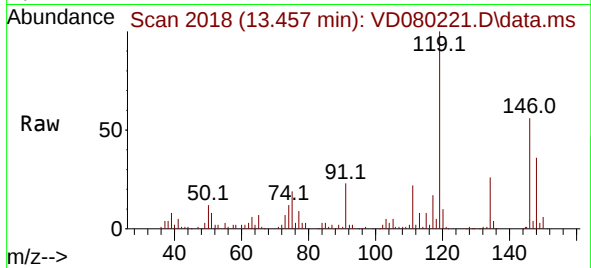




#87
 1,3-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

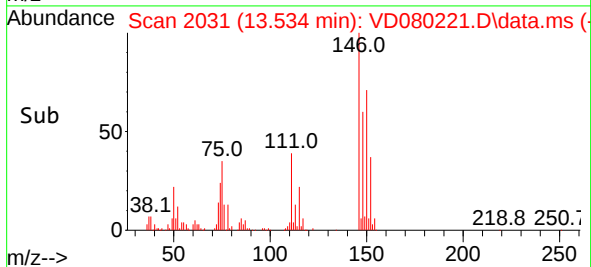
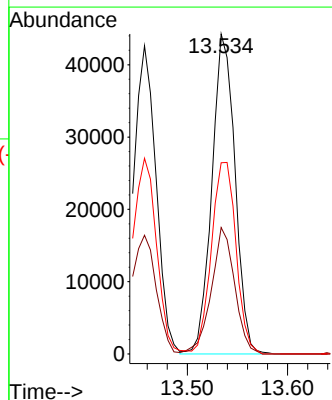
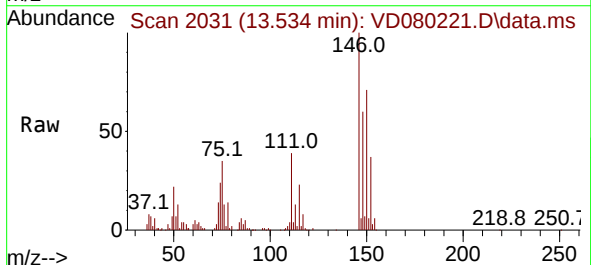
Instrument :
 MSVOA_D
 ClientSampleId :

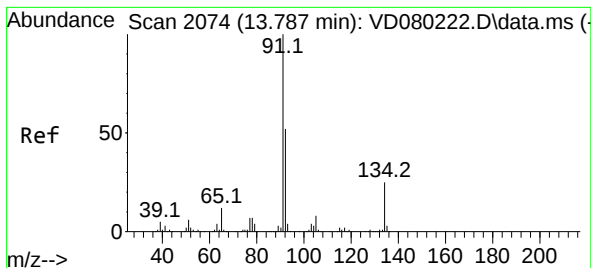
Tgt Ion:146 Resp: 68932
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.5 61.6
 148 66.2 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 20.035 ug/l
 RT: 13.534 min Scan# 2031
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

Tgt Ion:146 Resp: 70892
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.7 59.0
 148 63.6 32.3 96.8





#89

n-Butylbenzene

Concen: 18.787 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD080221.D

Acq: 03 Feb 2025 11:21

Instrument :

MSVOA_D

ClientSampleId :

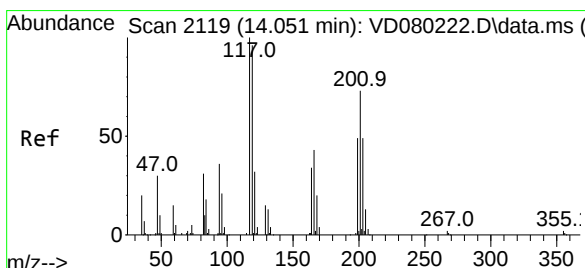
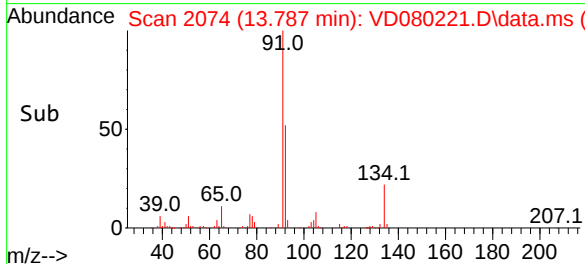
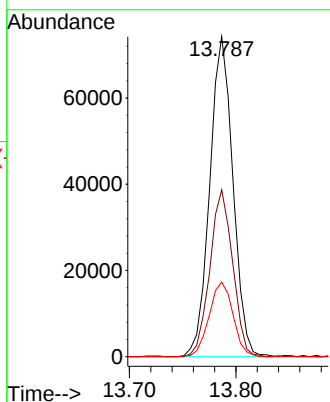
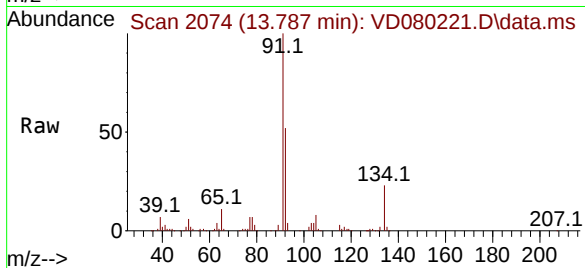
Tgt Ion: 91 Resp: 112138

Ion Ratio Lower Upper

91 100

92 51.2 26.1 78.2

134 24.0 12.4 37.0



#90

Hexachloroethane

Concen: 19.232 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD080221.D

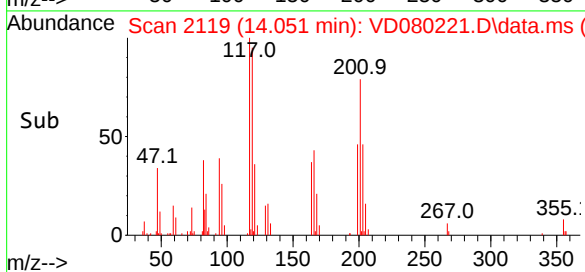
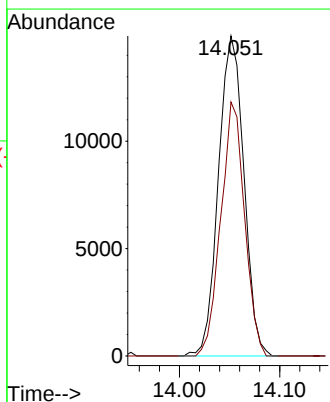
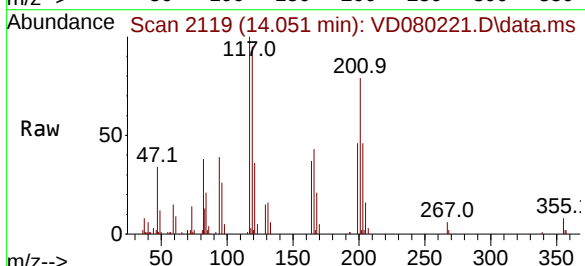
Acq: 03 Feb 2025 11:21

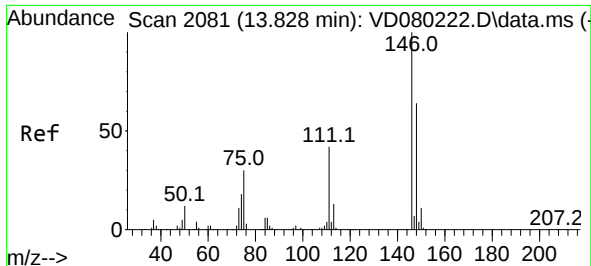
Tgt Ion: 117 Resp: 26254

Ion Ratio Lower Upper

117 100

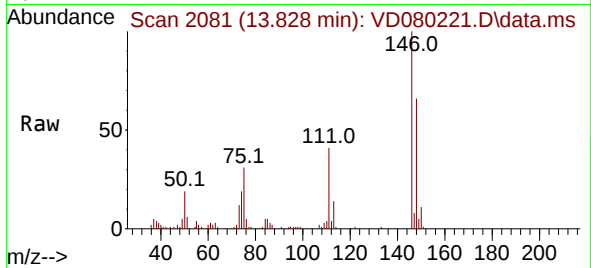
201 74.2 36.0 108.0



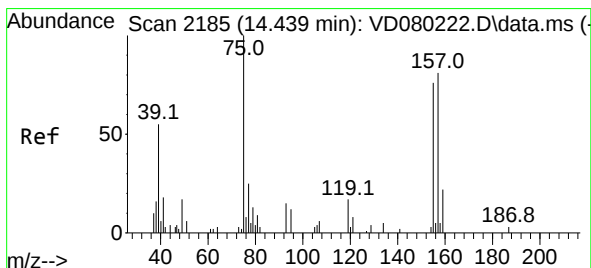
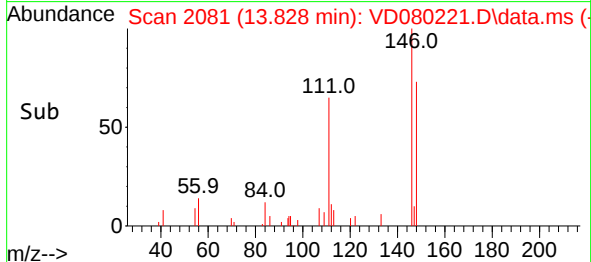
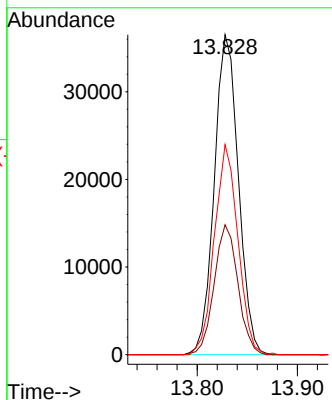


#91
1,2-Dichlorobenzene
Concen: 19.787 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

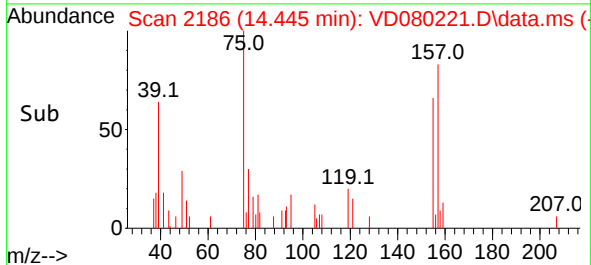
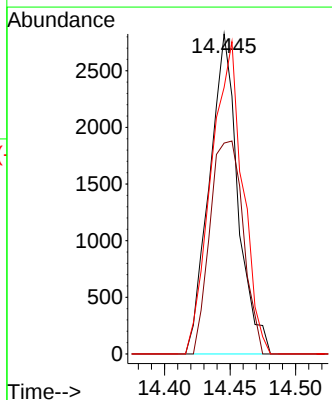
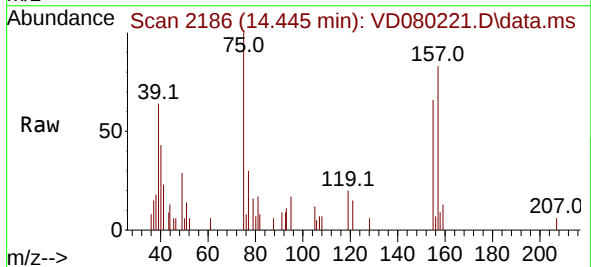


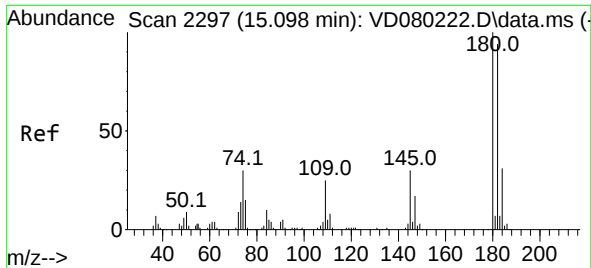
Tgt Ion:146 Resp: 60954
Ion Ratio Lower Upper
146 100
111 40.1 21.0 63.0
148 64.1 32.5 97.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.800 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

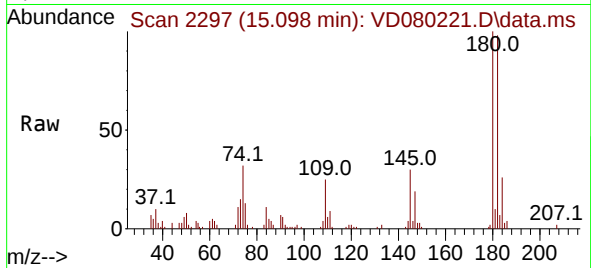
Tgt Ion: 75 Resp: 4283
Ion Ratio Lower Upper
75 100
155 77.6 41.5 124.6
157 107.8 50.5 151.5



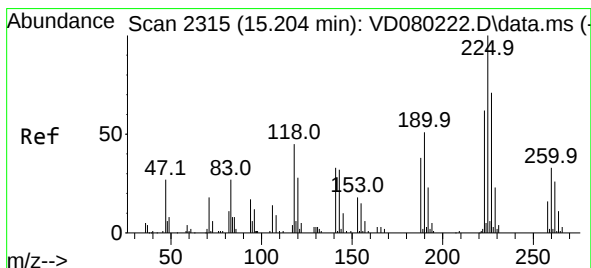
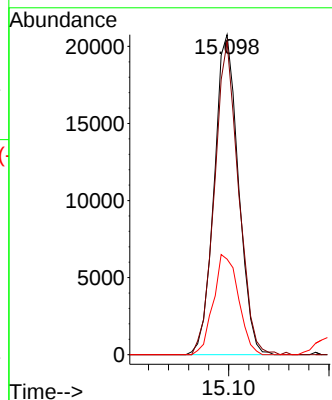
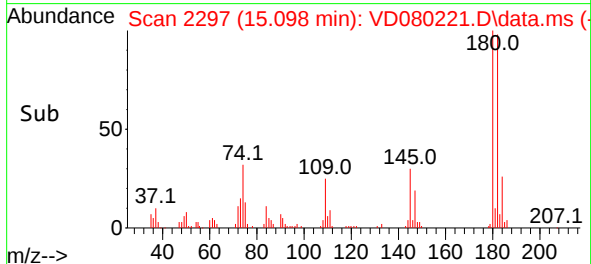


#93
 1,2,4-Trichlorobenzene
 Concen: 17.726 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21

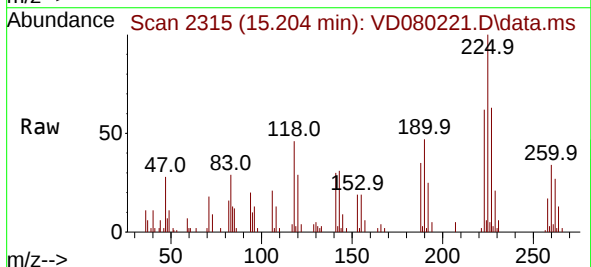
Instrument :
 MSVOA_D
 ClientSampleId :



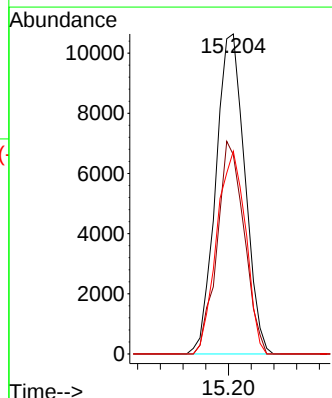
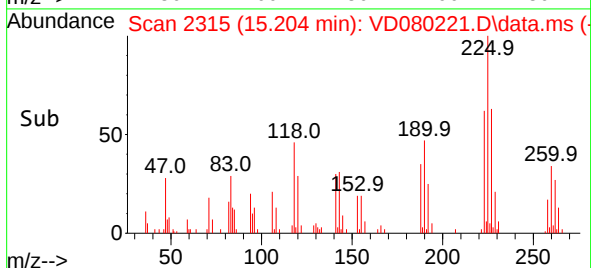
Tgt Ion:180 Resp: 34807
 Ion Ratio Lower Upper
 180 100
 182 97.0 47.5 142.5
 145 32.4 14.6 44.0

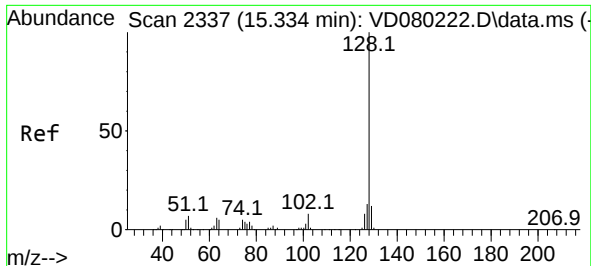


#94
 Hexachlorobutadiene
 Concen: 17.752 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD080221.D
 Acq: 03 Feb 2025 11:21



Tgt Ion:225 Resp: 18879
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.3 93.8
 227 63.1 32.4 97.2

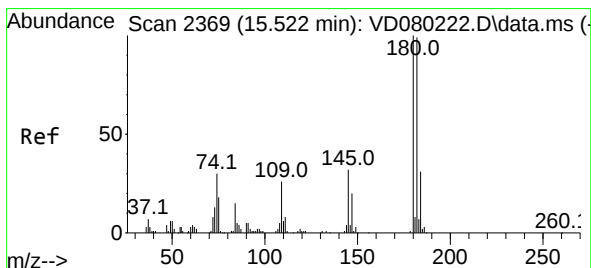
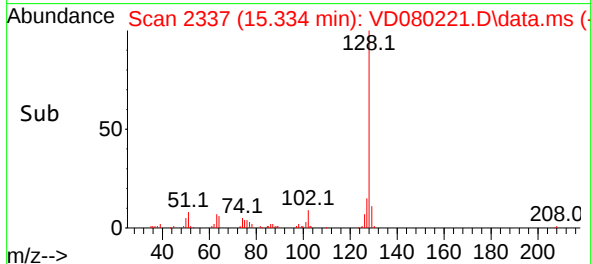
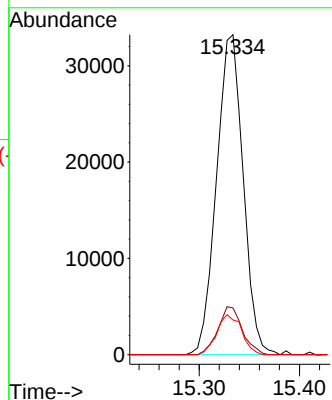
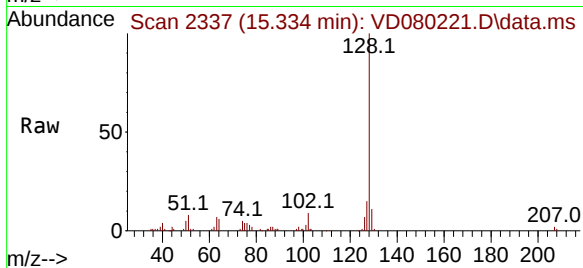




#95
Naphthalene
Concen: 19.904 ug/l
RT: 15.334 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 61307
Ion Ratio Lower Upper
128 100
127 14.6 10.6 15.8
129 10.9 9.4 14.0



#96
1,2,3-Trichlorobenzene
Concen: 18.119 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD080221.D
Acq: 03 Feb 2025 11:21

Tgt Ion:180 Resp: 32108
Ion Ratio Lower Upper
180 100
182 97.3 47.3 142.0
145 32.8 15.6 46.7

