

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020325\
 Data File : VD080219.D
 Acq On : 03 Feb 2025 10:27
 Operator : RP/MD
 Sample : VSTDIC005
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 05:40:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	121220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	206585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100564	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	8296	5.261	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.520%#
35) Dibromofluoromethane	7.811	113	7578	5.176	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	10.360%#
50) Toluene-d8	10.269	98	25598	4.715	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	9.420%#
62) 4-Bromofluorobenzene	12.569	95	8724	5.008	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	10.020%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	9203	4.365	ug/l	91
3) Chloromethane	2.152	50	13905	5.507	ug/l	97
4) Vinyl Chloride	2.287	62	16622	5.441	ug/l	96
5) Bromomethane	2.699	94	15161	6.437	ug/l	99
6) Chloroethane	2.846	64	11574	5.688	ug/l	94
7) Trichlorofluoromethane	3.175	101	14882	5.879	ug/l	93
8) Diethyl Ether	3.605	74	3091	4.463	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.970	101	8543	5.830	ug/l	99
10) Methyl Iodide	4.181	142	1693	5.544	ug/l #	88
11) Tert butyl alcohol	5.058	59	1950	22.388	ug/l #	91
12) 1,1-Dichloroethene	3.946	96	7374	5.312	ug/l	81
13) Acrolein	3.799	56	3614	22.005	ug/l	92
14) Allyl chloride	4.575	41	9413	4.400	ug/l	95
15) Acrylonitrile	5.258	53	7106	21.356	ug/l #	95
16) Acetone	4.034	43	7365	28.982	ug/l	91
17) Carbon Disulfide	4.270	76	27783	5.549	ug/l	99
18) Methyl Acetate	4.564	43	3855	4.496	ug/l #	88
19) Methyl tert-butyl Ether	5.322	73	12006	3.929	ug/l	92
20) Methylene Chloride	4.811	84	9634	5.586	ug/l #	91
21) trans-1,2-Dichloroethene	5.322	96	7565	4.797	ug/l	91
22) Diisopropyl ether	6.222	45	17160	3.854	ug/l #	93
23) Vinyl Acetate	6.158	43	48590	18.904	ug/l #	86
24) 1,1-Dichloroethane	6.116	63	14623	5.010	ug/l	95
25) 2-Butanone	7.093	43	8195	20.790	ug/l #	88
26) 2,2-Dichloropropane	7.087	77	13782	5.445	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	8289	4.653	ug/l	97
28) Bromochloromethane	7.428	49	7025	5.275	ug/l #	93
29) Tetrahydrofuran	7.452	42	5133	19.882	ug/l #	81
30) Chloroform	7.593	83	15145	5.076	ug/l	93
31) Cyclohexane	7.875	56	12203	5.223	ug/l #	77
32) 1,1,1-Trichloroethane	7.793	97	13177	5.279	ug/l	99
36) 1,1-Dichloropropene	8.011	75	10067	4.800	ug/l	94
37) Ethyl Acetate	7.181	43	4446	4.324	ug/l #	87
38) Carbon Tetrachloride	7.999	117	11247	5.135	ug/l	87
39) Methylcyclohexane	9.269	83	10484	4.602	ug/l	96
40) Benzene	8.252	78	31105	4.732	ug/l	95

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Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 04 05:40:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	2116	3.733	ug/l #	56
42) 1,2-Dichloroethane	8.328	62	9317	4.981	ug/l	96
43) Isopropyl Acetate	8.363	43	7573	4.150	ug/l #	60
44) Trichloroethene	9.028	130	7165	4.718	ug/l	90
45) 1,2-Dichloropropane	9.310	63	8278	5.007	ug/l	96
46) Dibromomethane	9.393	93	4651	5.049	ug/l	94
47) Bromodichloromethane	9.587	83	11910	5.127	ug/l	86
48) Methyl methacrylate	9.387	41	3835	4.541	ug/l	89
49) 1,4-Dioxane	9.381	88	717	71.552	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	18133	19.649	ug/l	95
52) Toluene	10.334	92	17254	4.488	ug/l	100
53) t-1,3-Dichloropropene	10.557	75	8473	4.279	ug/l #	83
54) cis-1,3-Dichloropropene	10.016	75	10021	4.160	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	6436	5.377	ug/l #	83
56) Ethyl methacrylate	10.599	69	5170	3.786	ug/l	91
57) 1,3-Dichloropropane	10.881	76	9522	4.810	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	10941	18.770	ug/l	97
59) 2-Hexanone	10.922	43	11107	18.342	ug/l	99
60) Dibromochloromethane	11.069	129	7090	4.806	ug/l	94
61) 1,2-Dibromoethane	11.181	107	5351	4.909	ug/l	94
64) Tetrachloroethene	10.810	164	7147	5.273	ug/l	84
65) Chlorobenzene	11.604	112	22008	4.949	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	7909	5.084	ug/l	97
67) Ethyl Benzene	11.687	91	32642	4.412	ug/l	95
68) m/p-Xylenes	11.799	106	24792	8.632	ug/l	90
69) o-Xylene	12.122	106	10672	4.075	ug/l	96
70) Styrene	12.134	104	18781	4.029	ug/l	98
71) Bromoform	12.299	173	4766	5.197	ug/l #	95
73) Isopropylbenzene	12.422	105	29314	4.310	ug/l	95
74) N-amyl acetate	12.234	43	7041	3.938	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	6917	4.887	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	8470	8.327	ug/l #	100
77) Bromobenzene	12.704	156	7827	4.461	ug/l	93
78) n-propylbenzene	12.763	91	37418	4.321	ug/l	99
79) 2-Chlorotoluene	12.851	91	21852	4.441	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	24173	4.249	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.475	75	2218	4.459	ug/l	90
82) 4-Chlorotoluene	12.946	91	22963	4.392	ug/l	99
83) tert-Butylbenzene	13.163	119	21883	4.705	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	25062	4.328	ug/l	99
85) sec-Butylbenzene	13.346	105	32039	4.506	ug/l	98
86) p-Isopropyltoluene	13.463	119	27223	4.484	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	16985	4.915	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	18347	5.245	ug/l	94
89) n-Butylbenzene	13.787	91	29720	5.037	ug/l	94
90) Hexachloroethane	14.051	117	7078	5.245	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	15067	4.948	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1205	5.351	ug/l	89
93) 1,2,4-Trichlorobenzene	15.098	180	8886	4.578	ug/l	99
94) Hexachlorobutadiene	15.204	225	5322	5.063	ug/l	99
95) Naphthalene	15.328	128	13776	4.179	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.522	180	7665	4.376	ug/l	93

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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 2 Sample Multiplier: 1

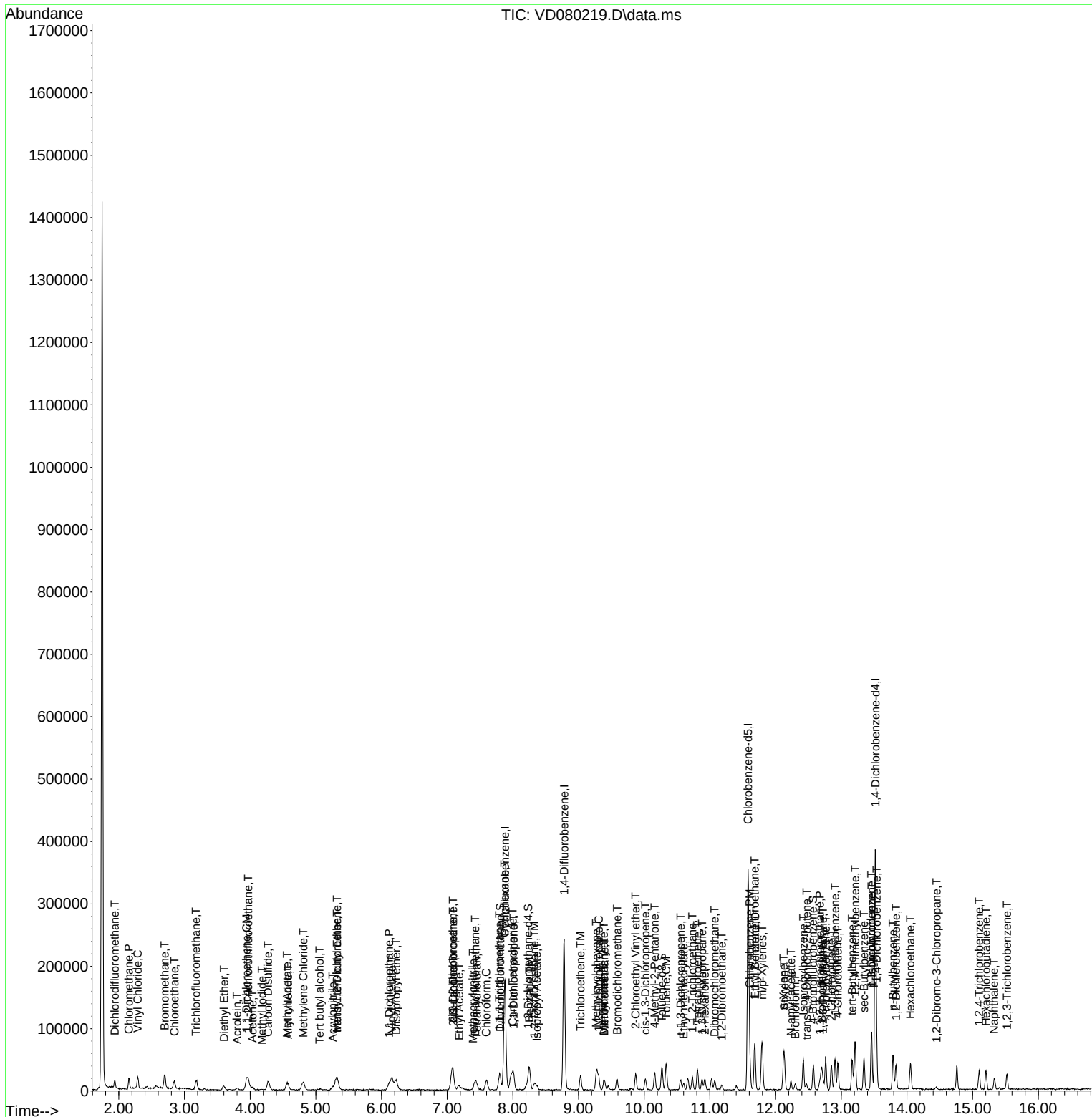
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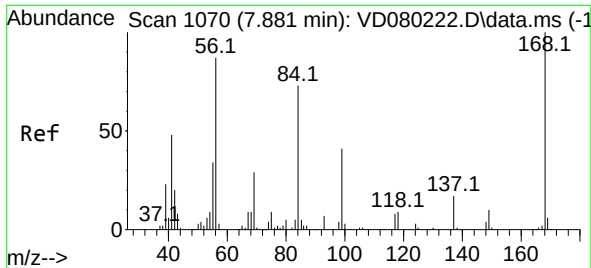
Quant Time: Feb 04 05:40:42 2025
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Quant Title : SW846 8260
QLast Update : Tue Feb 04 05:40:32 2025
Response via : Initial Calibration

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

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Quant Title : SW846 8260
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Response via : Initial Calibration

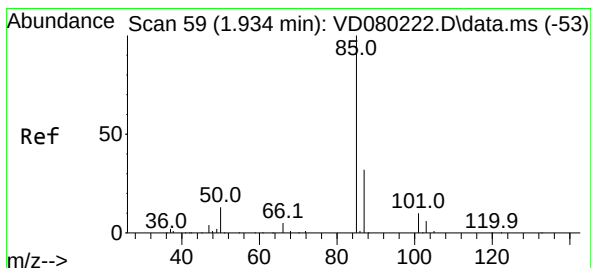
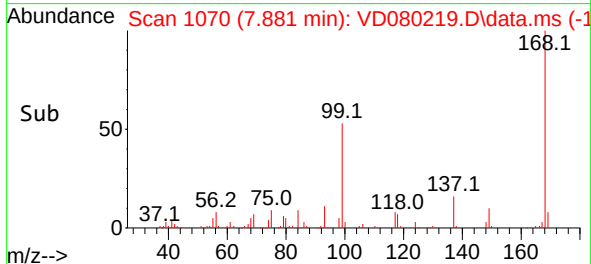
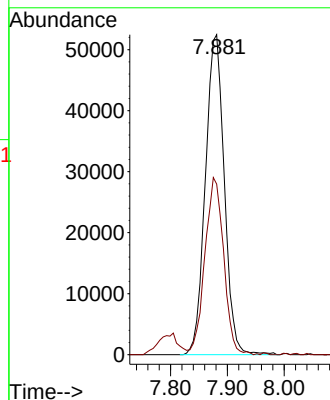
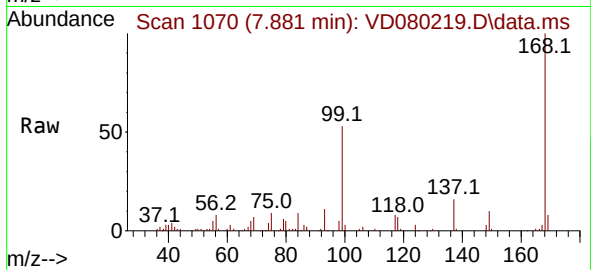




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

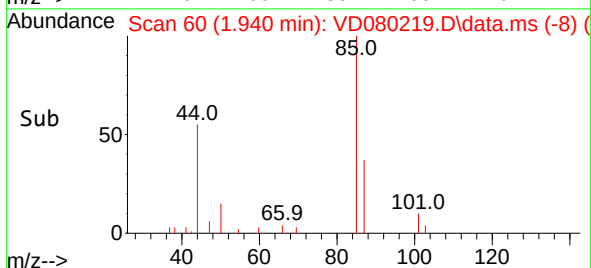
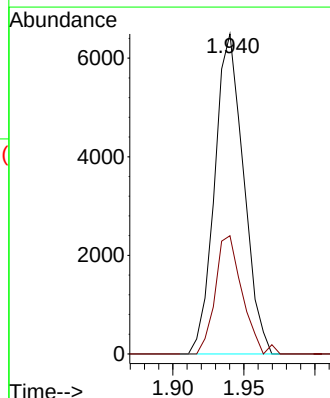
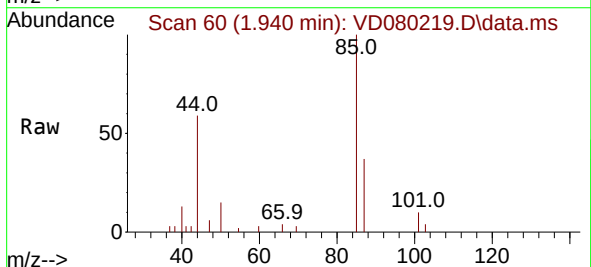
Instrument :
MSVOA_D
ClientSampleId :

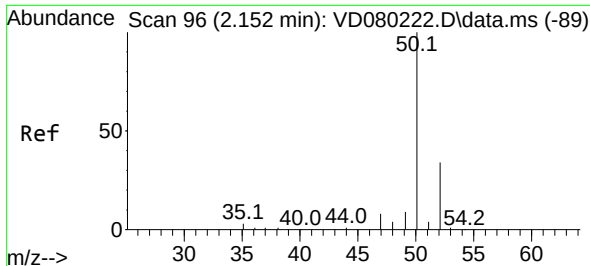
Tgt Ion:168 Resp: 121220
Ion Ratio Lower Upper
168 100
99 53.3 44.4 66.6



#2
Dichlorodifluoromethane
Concen: 4.365 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

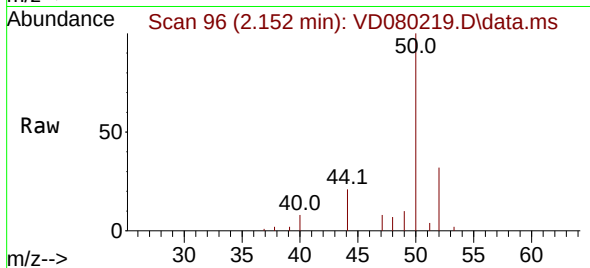
Tgt Ion: 85 Resp: 9203
Ion Ratio Lower Upper
85 100
87 36.9 16.0 47.9



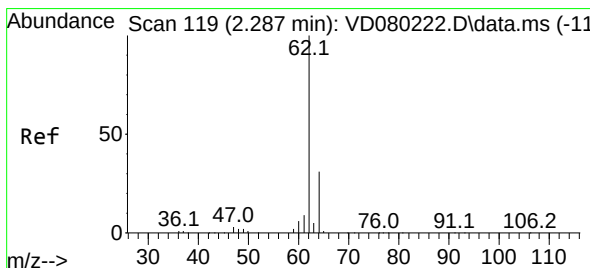
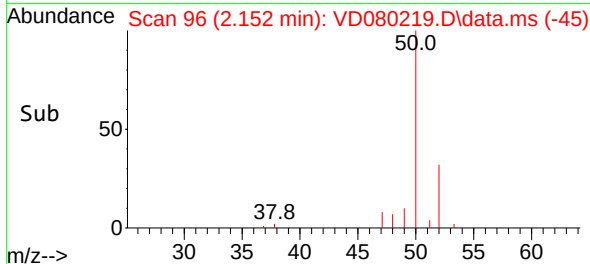
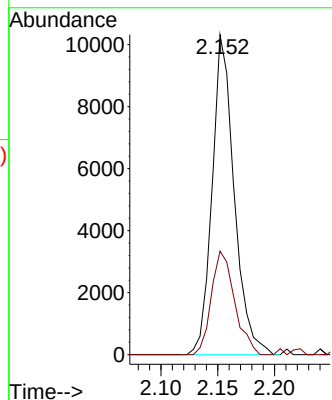


#3
Chloromethane
Concen: 5.507 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

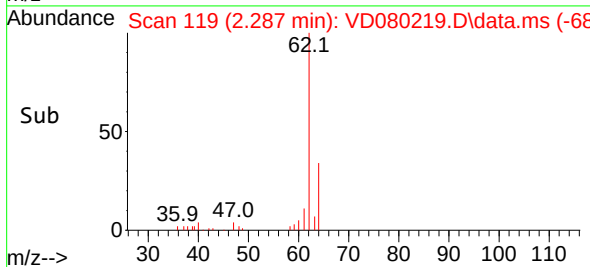
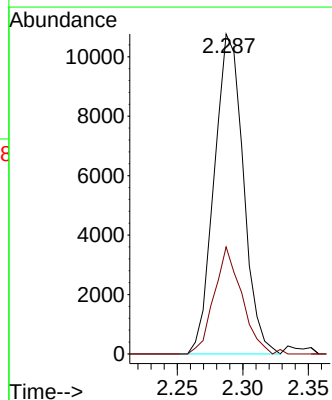
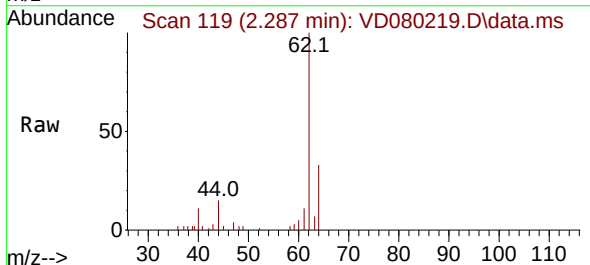


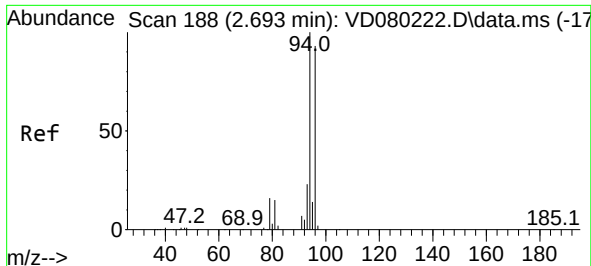
Tgt Ion: 50 Resp: 13905
Ion Ratio Lower Upper
50 100
52 32.4 27.2 40.8



#4
Vinyl Chloride
Concen: 5.441 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 62 Resp: 16622
Ion Ratio Lower Upper
62 100
64 33.4 24.8 37.2

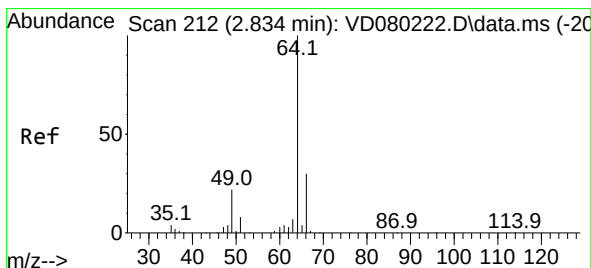
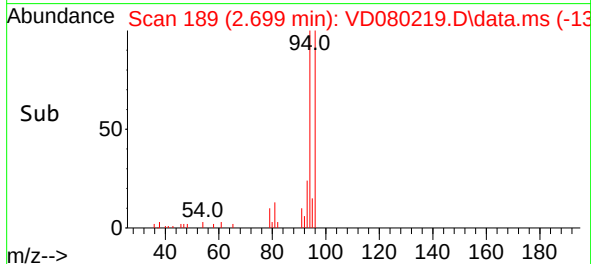
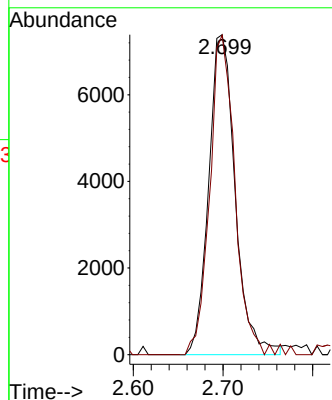
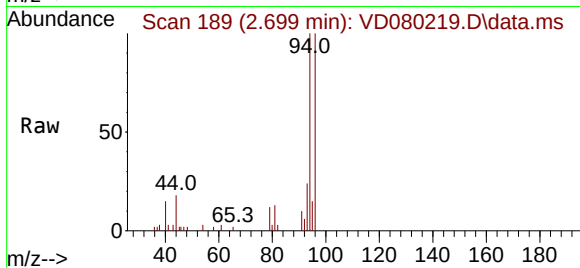




#5
Bromomethane
Concen: 6.437 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

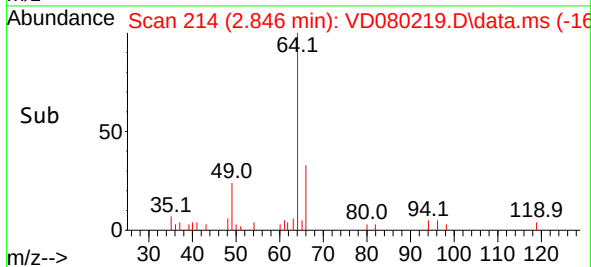
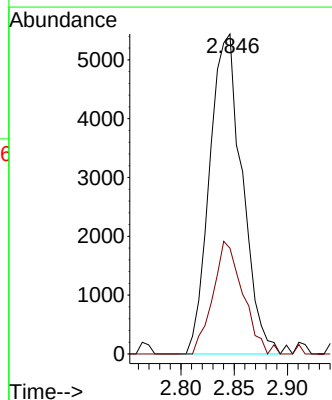
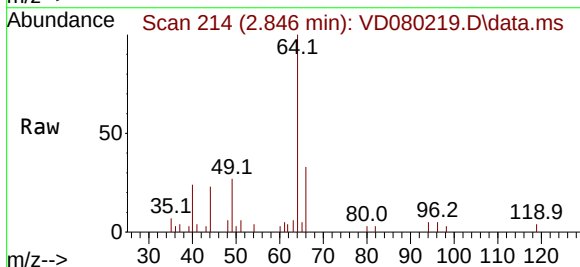
Instrument :
MSVOA_D
ClientSampleId :

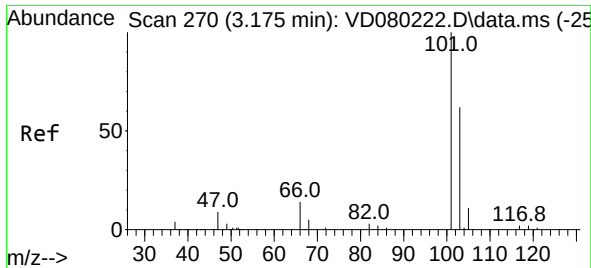
Tgt Ion: 94 Resp: 15161
Ion Ratio Lower Upper
94 100
96 93.9 74.4 111.6



#6
Chloroethane
Concen: 5.688 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 64 Resp: 11574
Ion Ratio Lower Upper
64 100
66 33.1 23.8 35.8

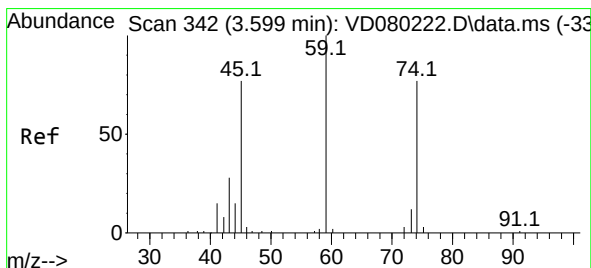
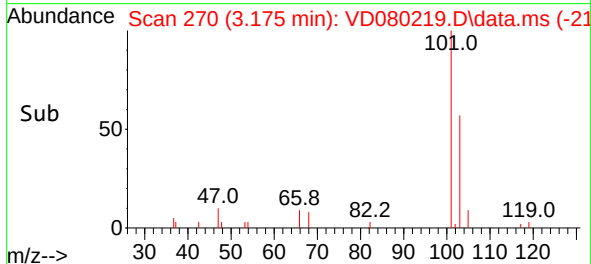
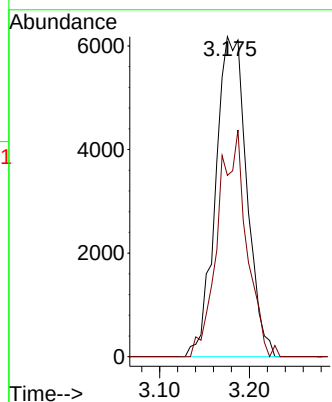
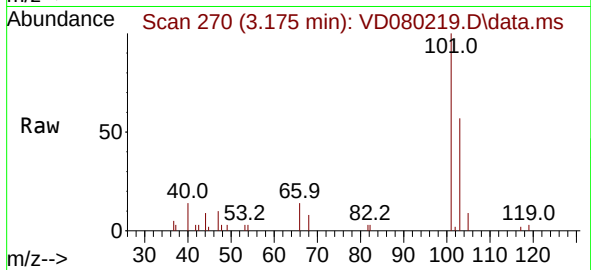




#7
 Trichlorofluoromethane
 Concen: 5.879 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

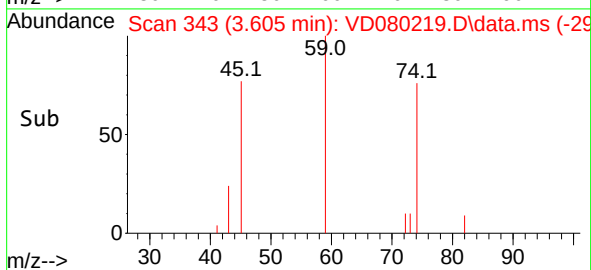
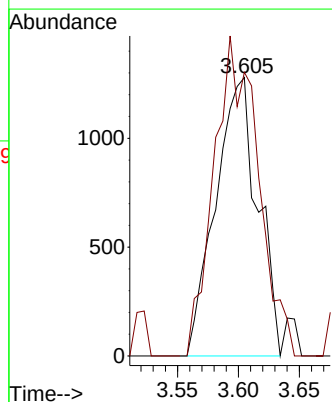
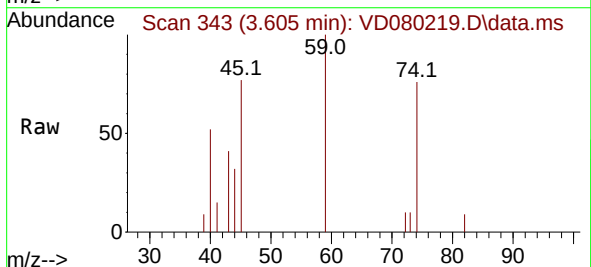
Instrument :
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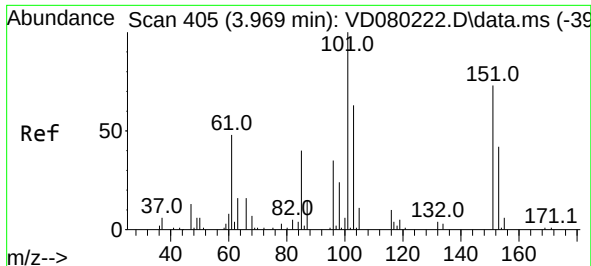
Tgt Ion:101 Resp: 14882
 Ion Ratio Lower Upper
 101 100
 103 56.6 49.9 74.9



#8
 Diethyl Ether
 Concen: 4.463 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion: 74 Resp: 3091
 Ion Ratio Lower Upper
 74 100
 45 119.6 51.0 153.1



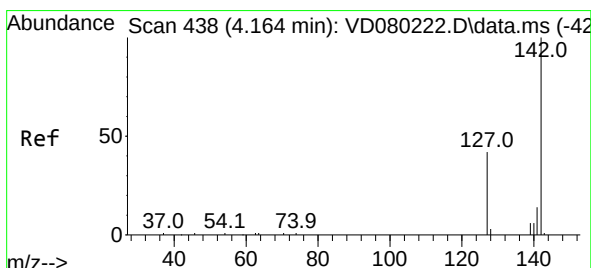
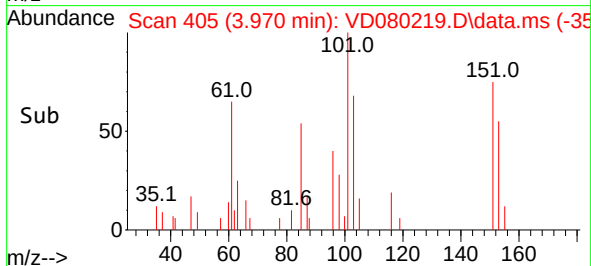
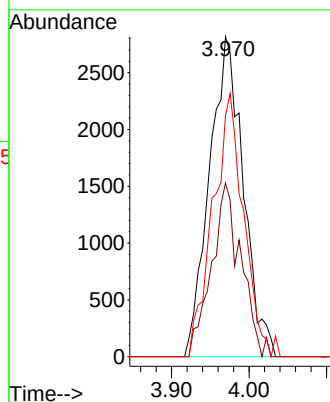
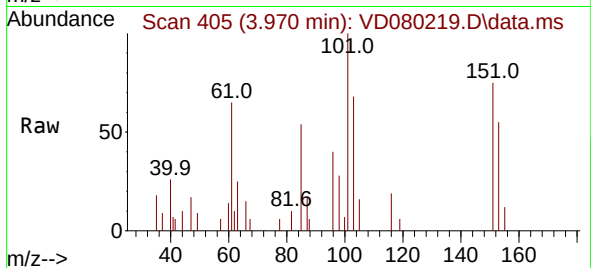


#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.830 ug/l
 RT: 3.970 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD080219.D
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Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 8543

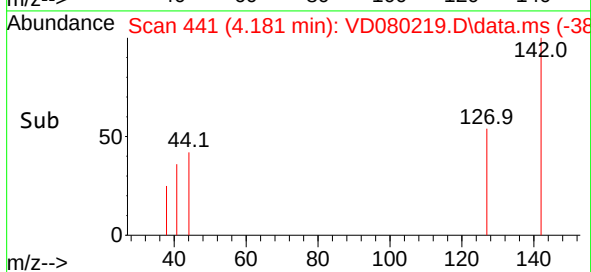
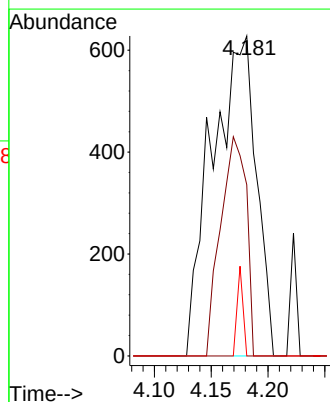
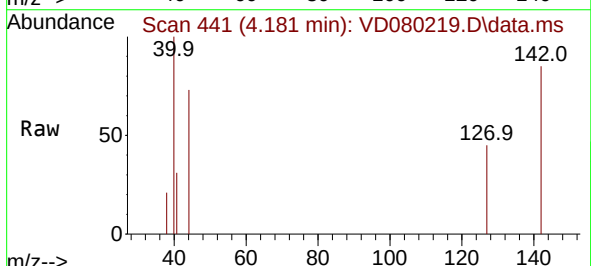
Ion	Ratio	Lower	Upper
101	100		
85	47.2	36.2	54.4
151	74.0	59.0	88.6

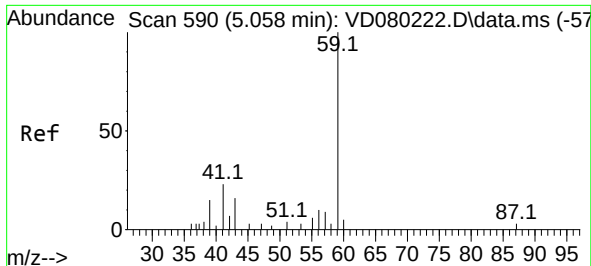


#10
 Methyl Iodide
 Concen: 5.544 ug/l
 RT: 4.181 min Scan# 441
 Delta R.T. 0.017 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion:142 Resp: 1693

Ion	Ratio	Lower	Upper
142	100		
127	39.9	35.4	53.2
141	3.7	12.6	18.8

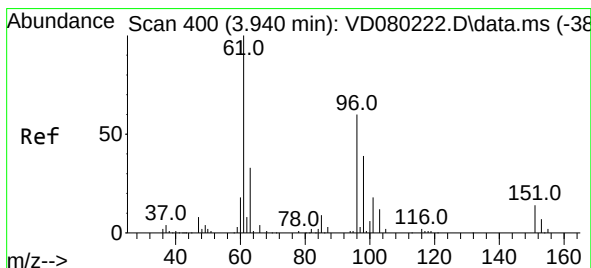
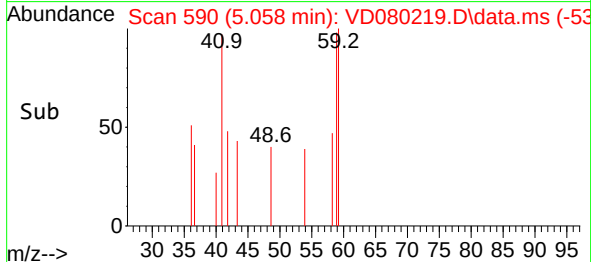
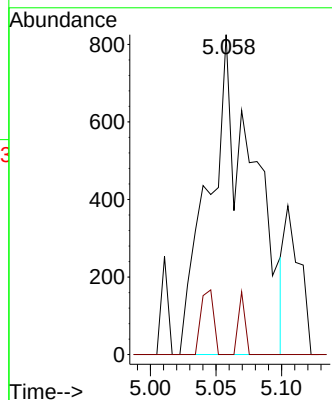
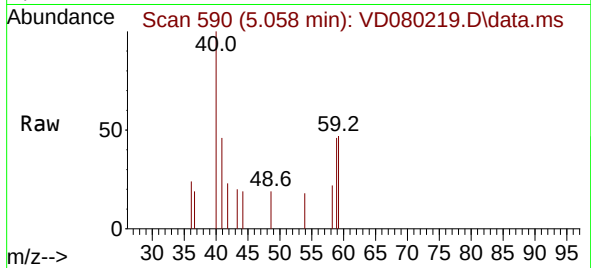




#11
Tert butyl alcohol
Concen: 22.388 ug/l
RT: 5.058 min Scan# 590
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

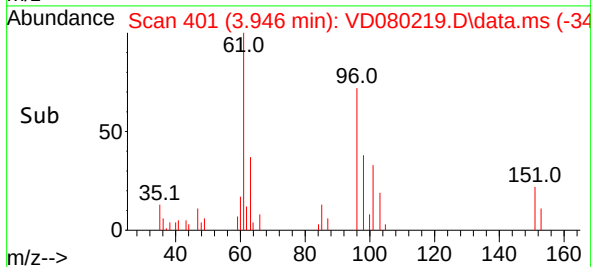
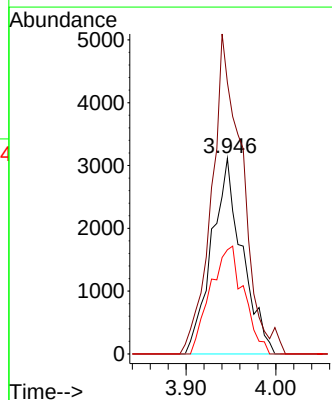
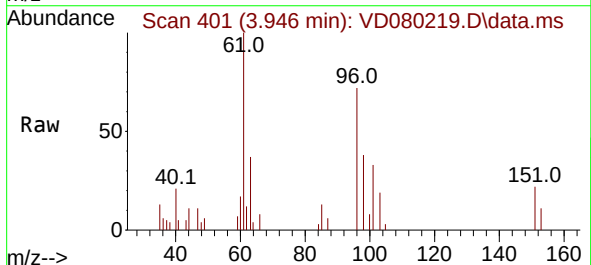
Instrument :
MSVOA_D
ClientSampleId :

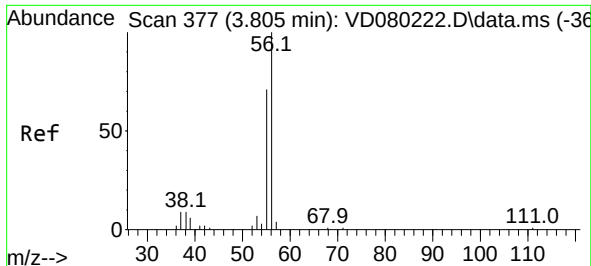
Tgt Ion: 59 Resp: 1950
Ion Ratio Lower Upper
59 100
57 5.8 7.2 10.8#



#12
1,1-Dichloroethene
Concen: 5.312 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

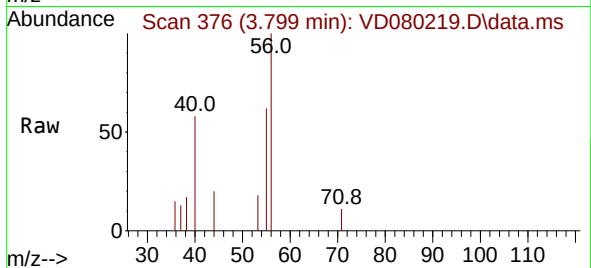
Tgt Ion: 96 Resp: 7374
Ion Ratio Lower Upper
96 100
61 138.7 133.8 200.6
98 53.2 52.2 78.2



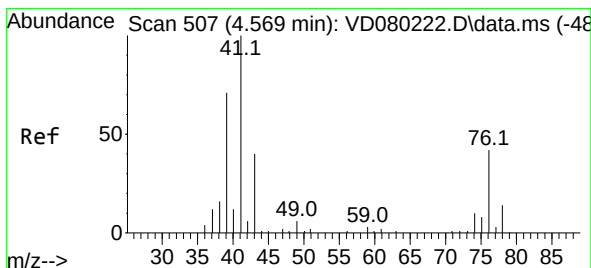
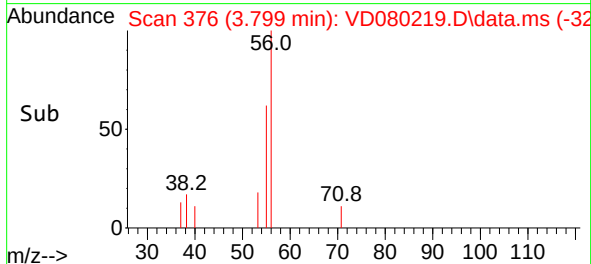
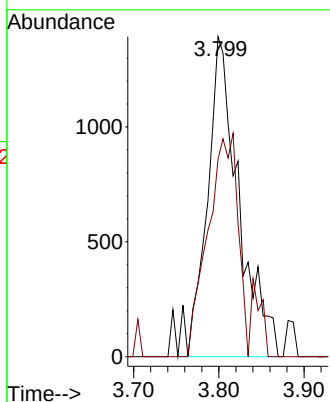


#13
Acrolein
Concen: 22.005 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

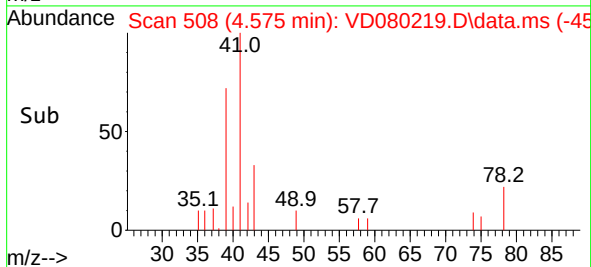
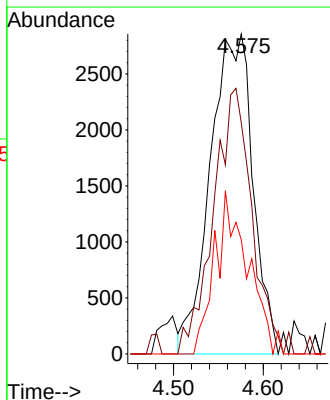
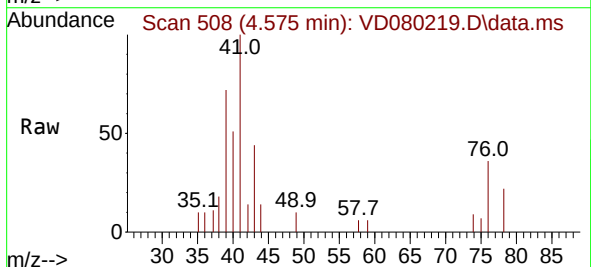


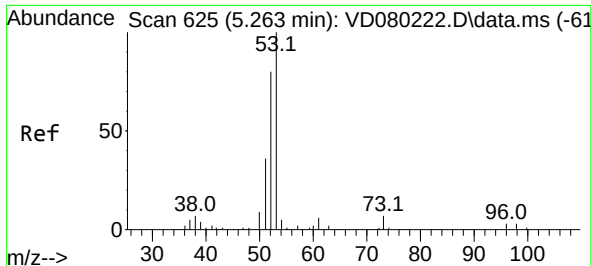
Tgt Ion: 56 Resp: 3614
Ion Ratio Lower Upper
56 100
55 65.3 57.8 86.8



#14
Allyl chloride
Concen: 4.400 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 41 Resp: 9413
Ion Ratio Lower Upper
41 100
39 74.5 55.0 82.4
76 39.5 31.0 46.4





#15

Acrylonitrile

Concen: 21.356 ug/l

RT: 5.258 min Scan# 61

Delta R.T. -0.006 min

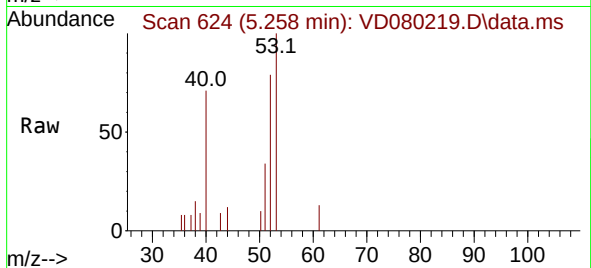
Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

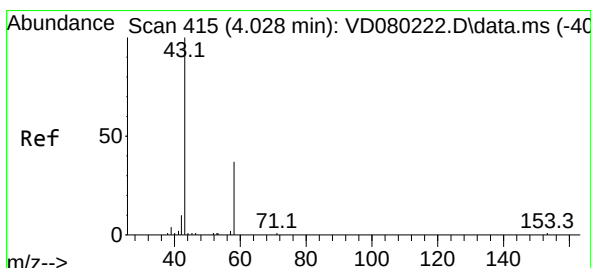
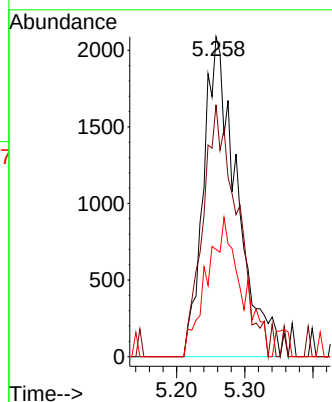
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 53	Resp: 7106
Ion Ratio	Lower Upper
53	100
52	81.7 65.9 98.9
51	45.7 30.1 45.1#



#16

Acetone

Concen: 28.982 ug/l

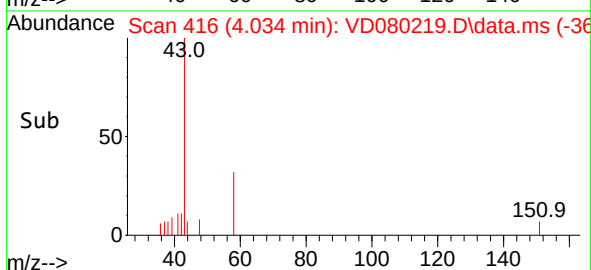
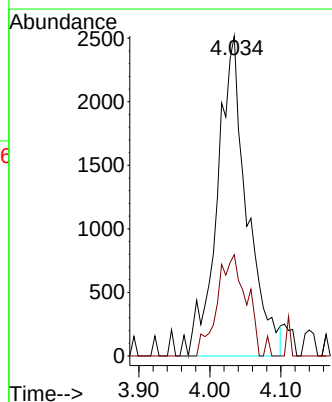
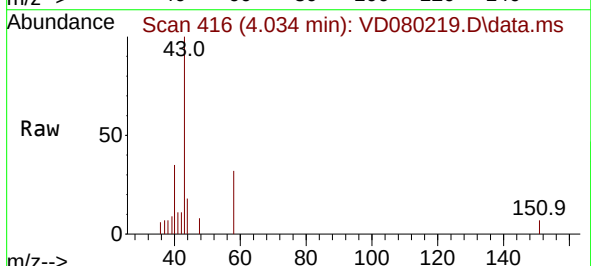
RT: 4.034 min Scan# 416

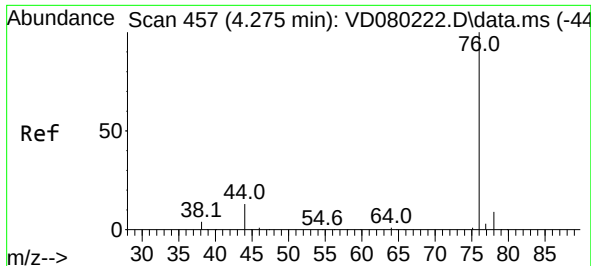
Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

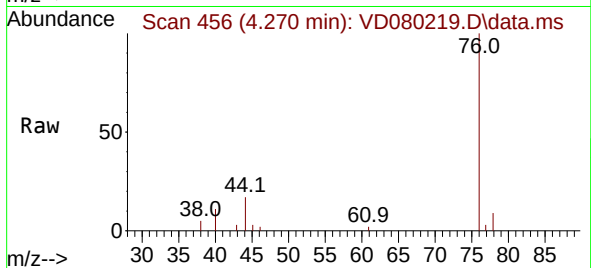
Tgt Ion: 43	Resp: 7365
Ion Ratio	Lower Upper
43	100
58	31.7 29.5 44.3



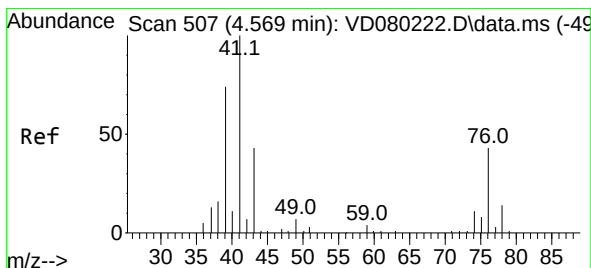
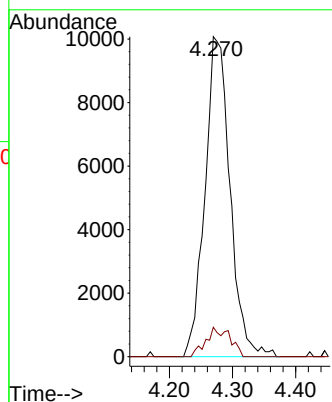
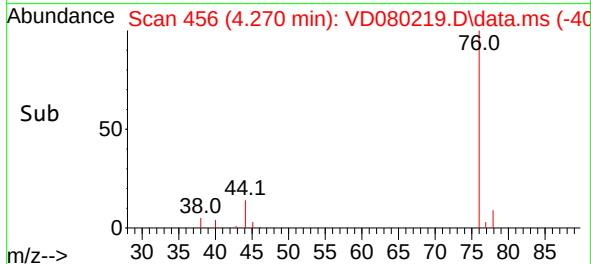


#17
Carbon Disulfide
Concen: 5.549 ug/l
RT: 4.270 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

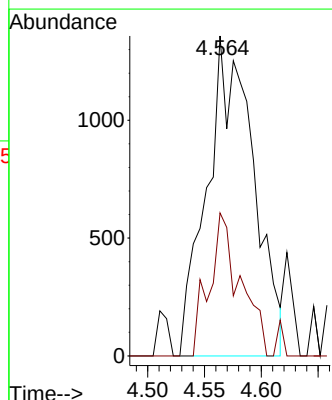
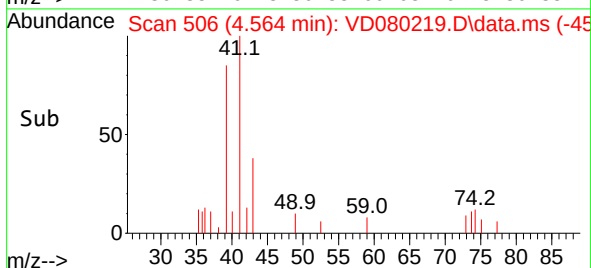
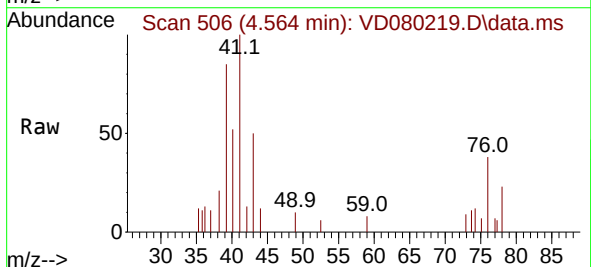


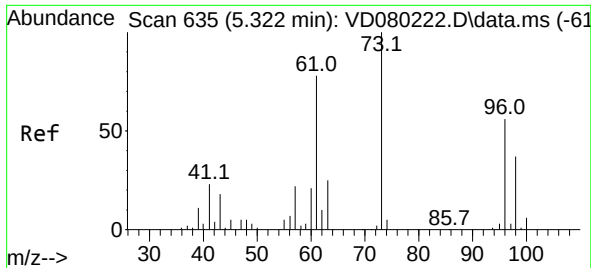
Tgt Ion: 76 Resp: 27783
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#18
Methyl Acetate
Concen: 4.496 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 43 Resp: 3855
Ion Ratio Lower Upper
43 100
74 30.1 19.4 29.2#

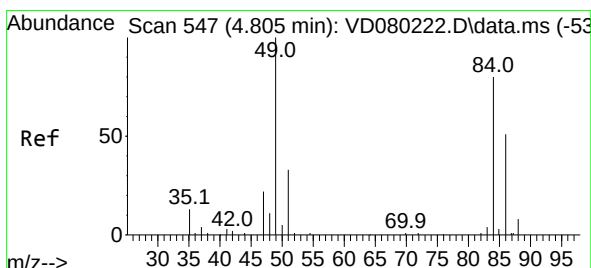
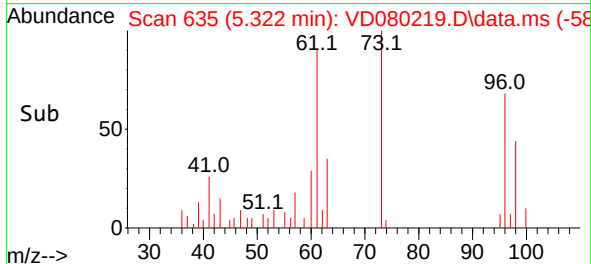
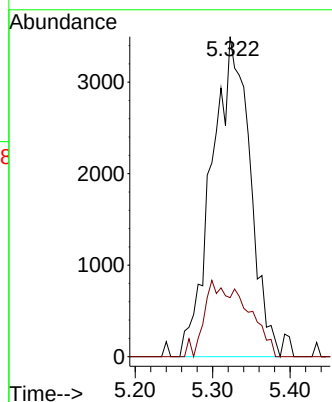
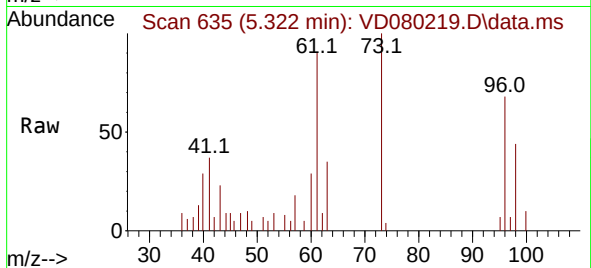




#19
Methyl tert-butyl Ether
Concen: 3.929 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

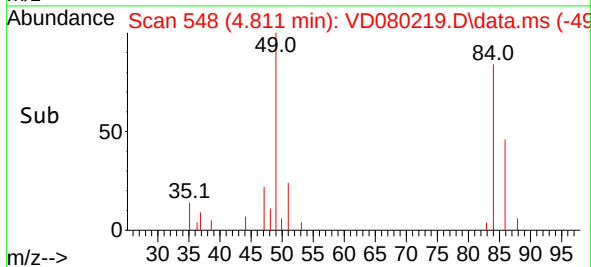
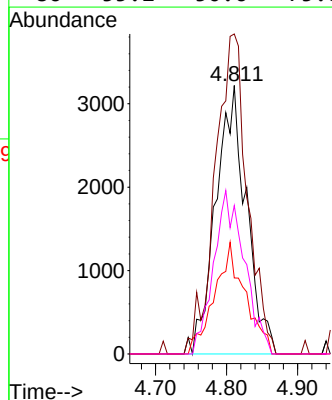
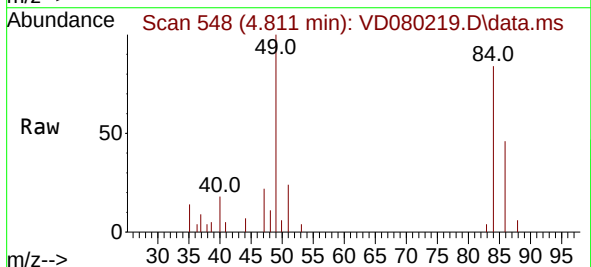
Instrument :
MSVOA_D
ClientSampleId :

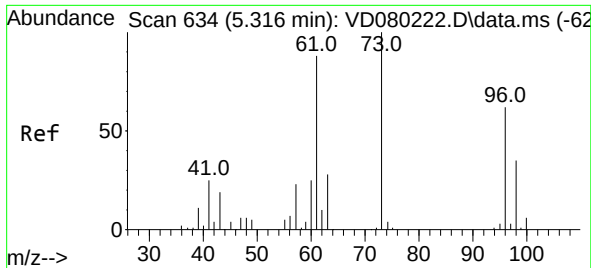
Tgt Ion: 73 Resp: 12006
Ion Ratio Lower Upper
73 100
57 18.5 17.8 26.8



#20
Methylene Chloride
Concen: 5.586 ug/l
RT: 4.811 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

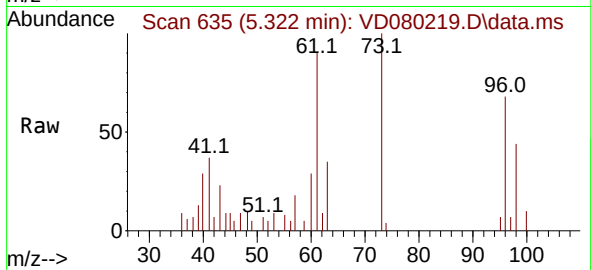
Tgt Ion: 84 Resp: 9634
Ion Ratio Lower Upper
84 100
49 119.2 99.4 149.2
51 28.3 32.6 49.0#
86 55.2 50.6 75.8



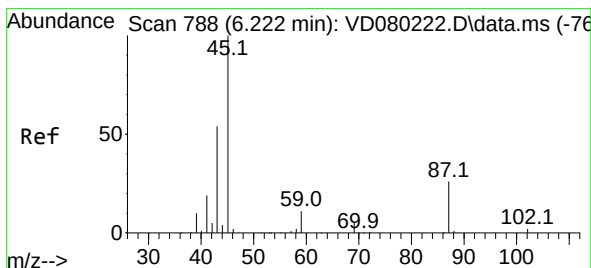
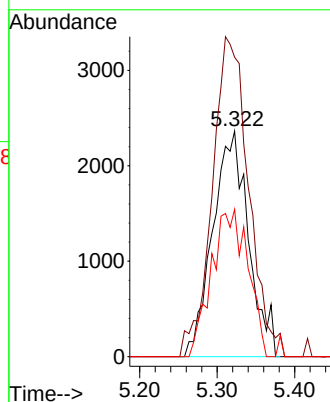
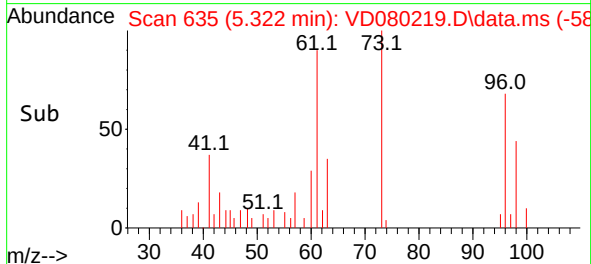


#21
trans-1,2-Dichloroethene
Concen: 4.797 ug/l
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

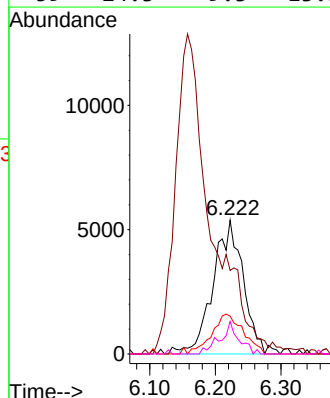
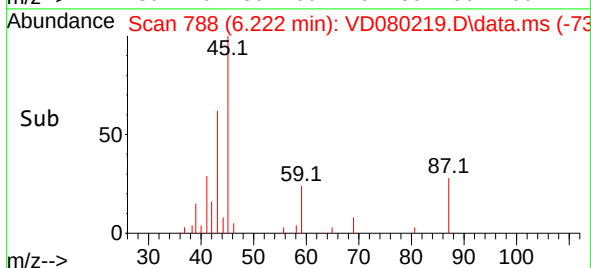
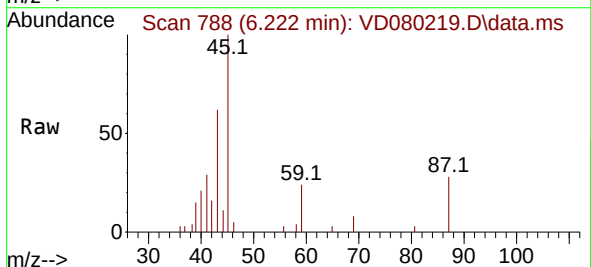


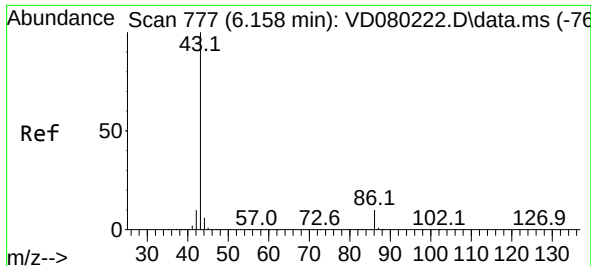
Tgt Ion:	96	Resp:	7565
Ion	Ratio	Lower	Upper
96	100		
61	132.7	113.7	170.5
98	65.3	45.4	68.2



#22
Diisopropyl ether
Concen: 3.854 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:	45	Resp:	17160
Ion	Ratio	Lower	Upper
45	100		
43	57.3	44.3	66.5
87	28.3	20.5	30.7
59	24.3	9.3	13.9

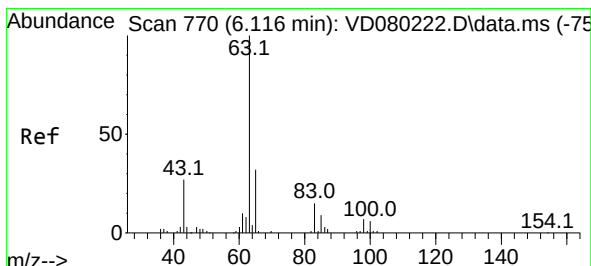
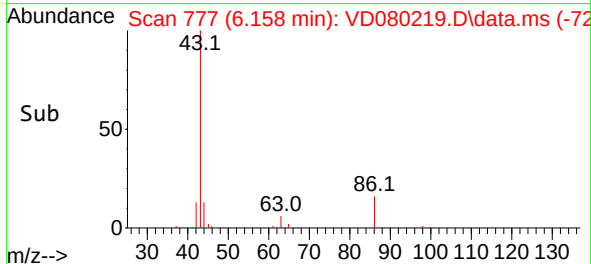
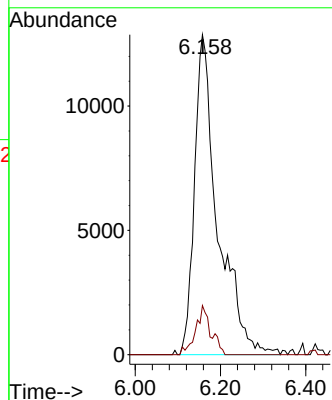
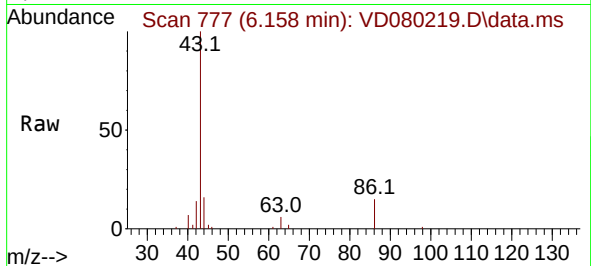




#23
 Vinyl Acetate
 Concen: 18.904 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

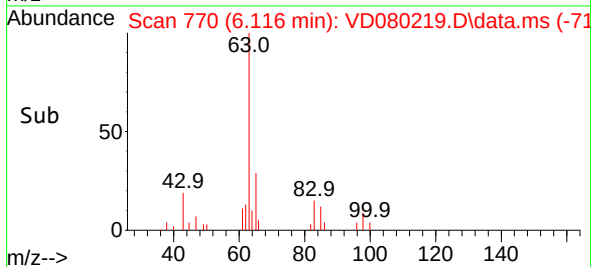
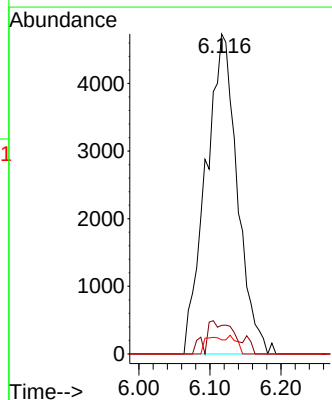
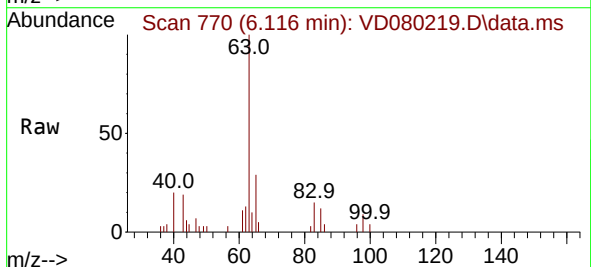
Instrument :
 MSVOA_D
 ClientSampleId :

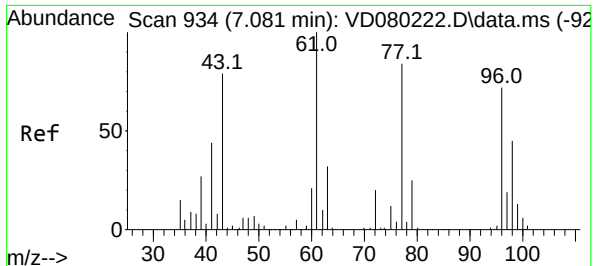
Tgt Ion: 43 Resp: 48590
 Ion Ratio Lower Upper
 43 100
 86 15.3 8.1 12.1#



#24
 1,1-Dichloroethane
 Concen: 5.010 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion: 63 Resp: 14623
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.5 10.5
 100 4.4 2.8 8.4





#25

2-Butanone

Concen: 20.790 ug/l

RT: 7.093 min Scan# 91

Delta R.T. 0.012 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

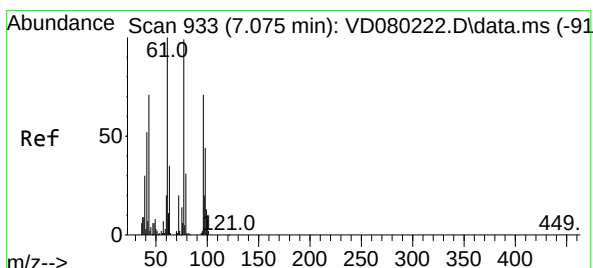
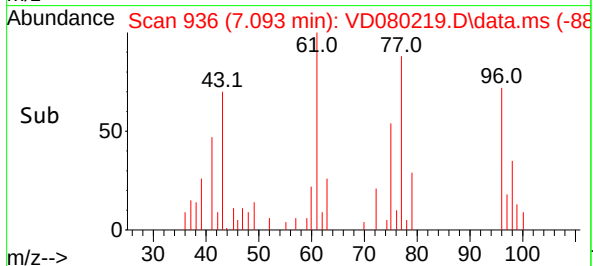
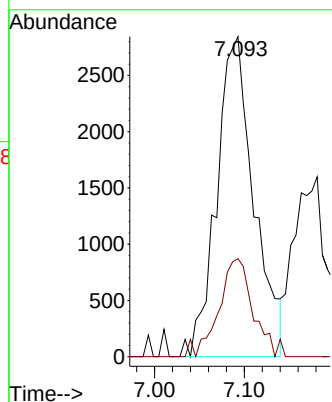
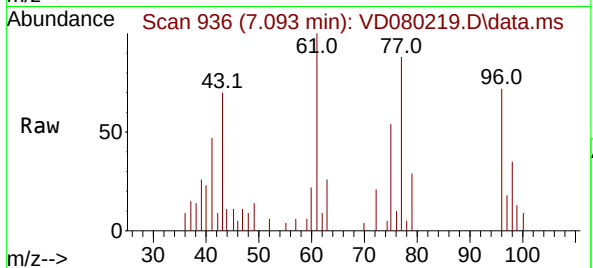
ClientSampleId :

Tgt Ion: 43 Resp: 8195

Ion Ratio Lower Upper

43 100

72 30.7 19.9 29.9#



#26

2,2-Dichloropropane

Concen: 5.445 ug/l

RT: 7.087 min Scan# 935

Delta R.T. 0.012 min

Lab File: VD080219.D

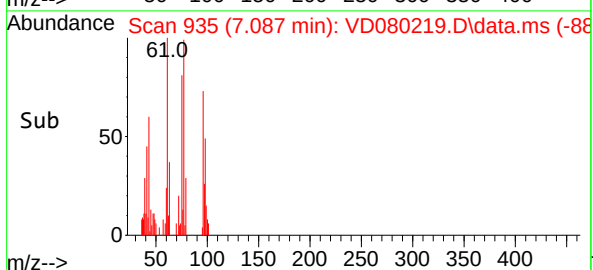
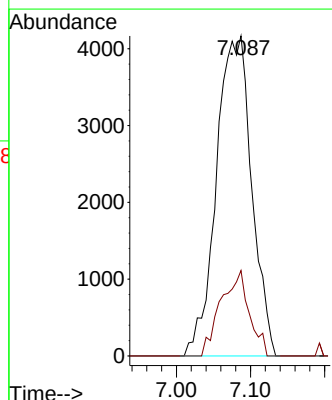
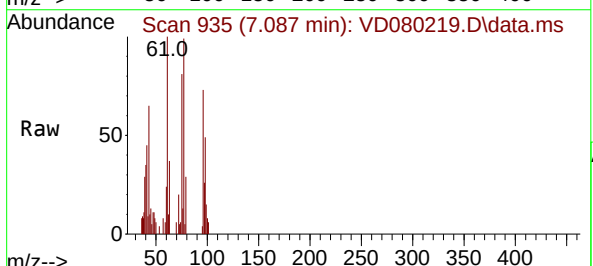
Acq: 03 Feb 2025 10:27

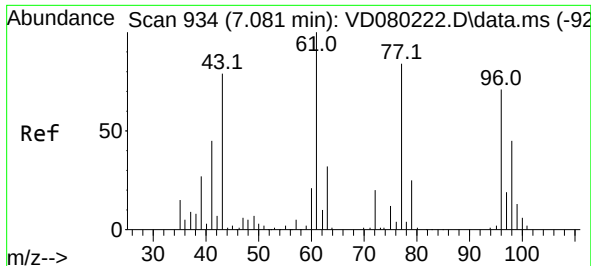
Tgt Ion: 77 Resp: 13782

Ion Ratio Lower Upper

77 100

97 21.4 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 4.653 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

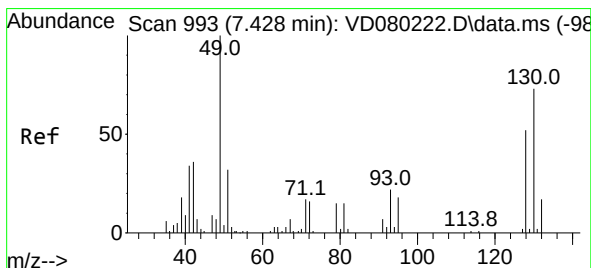
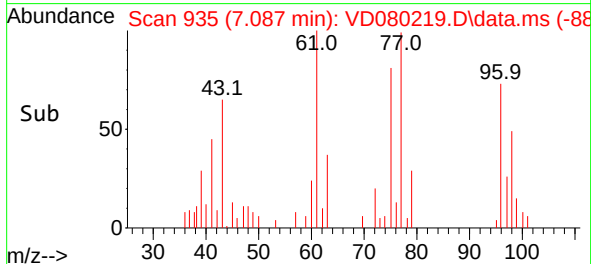
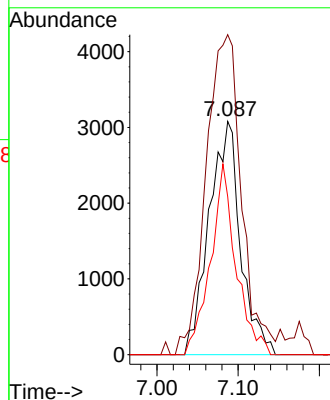
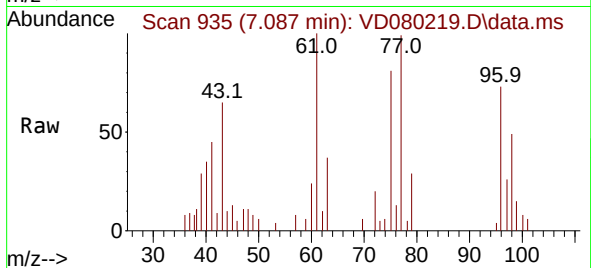
Tgt Ion: 96 Resp: 8289

Ion Ratio Lower Upper

96 100

61 154.0 0.0 297.4

98 66.3 0.0 131.0



#28

Bromochloromethane

Concen: 5.275 ug/l

RT: 7.428 min Scan# 993

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

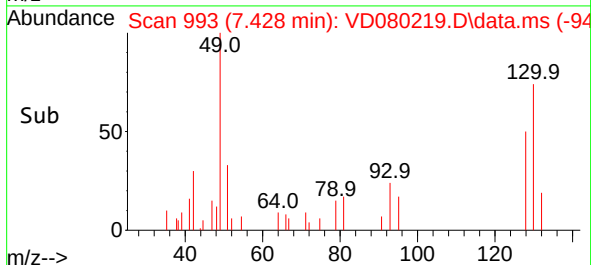
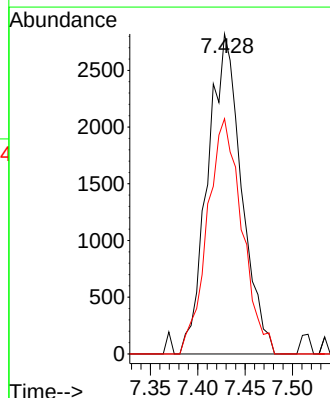
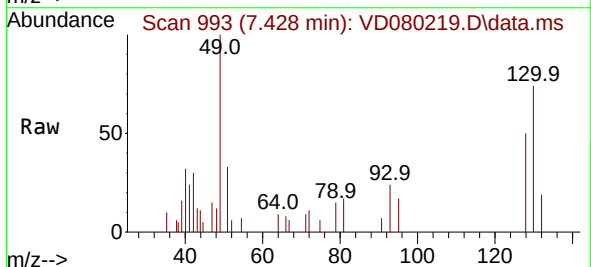
Tgt Ion: 49 Resp: 7025

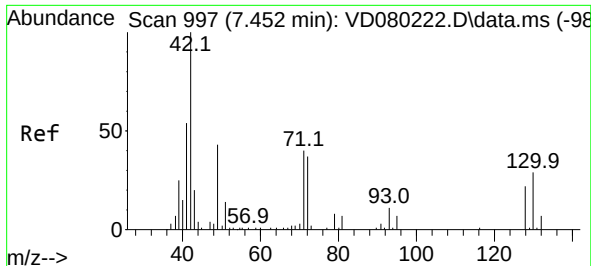
Ion Ratio Lower Upper

49 100

129 0.0 0.0 1.8

130 75.3 55.3 82.9





#29

Tetrahydrofuran

Concen: 19.882 ug/l

RT: 7.452 min Scan# 997

Delta R.T. 0.000 min

Lab File: VD080219.D

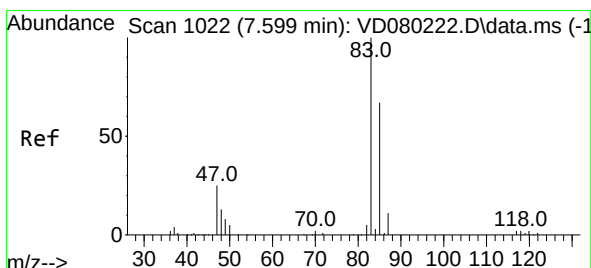
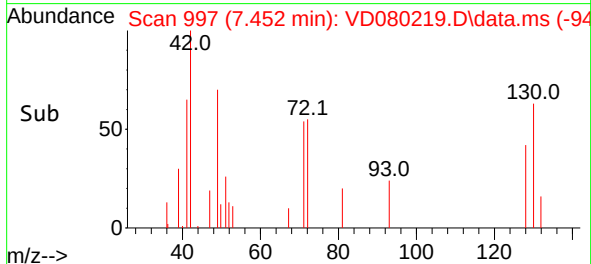
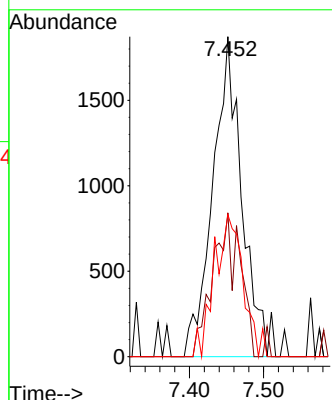
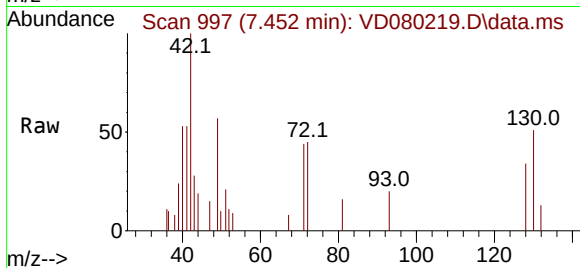
Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	42	Resp:	5133
Ion	Ratio	Lower	Upper
42	100		
72	20.3	33.5	50.3#
71	43.8	32.9	49.3



#30

Chloroform

Concen: 5.076 ug/l

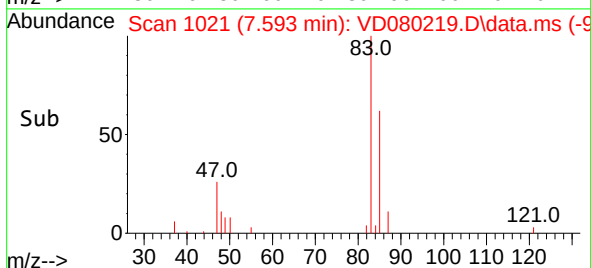
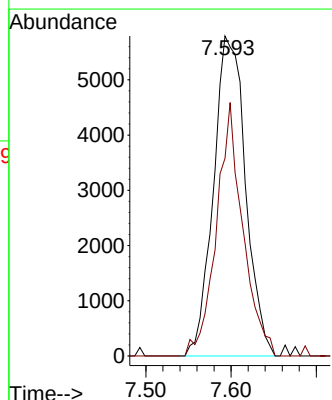
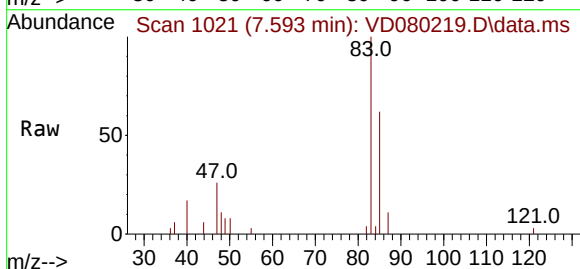
RT: 7.593 min Scan# 1021

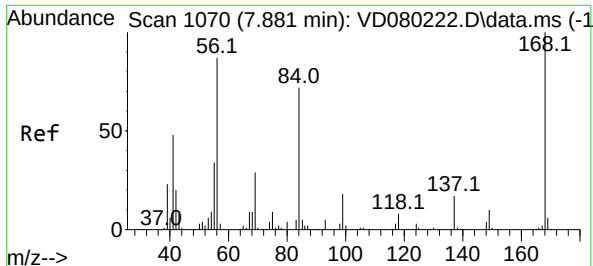
Delta R.T. -0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

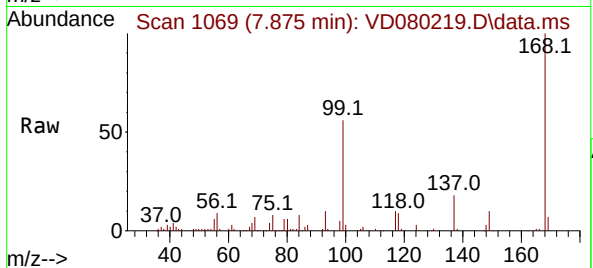
Tgt Ion:	83	Resp:	15145
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.7	80.5



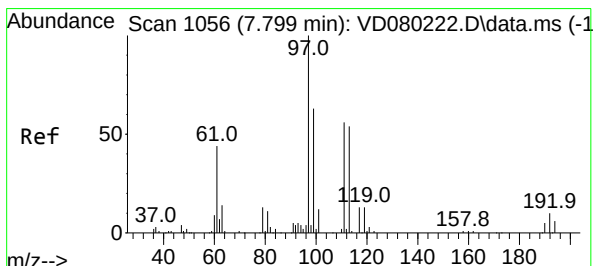
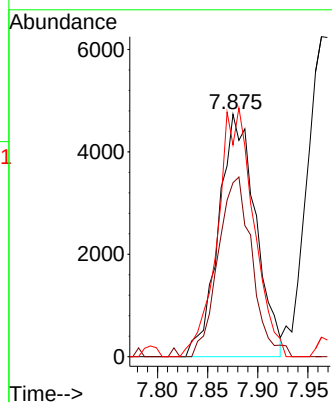
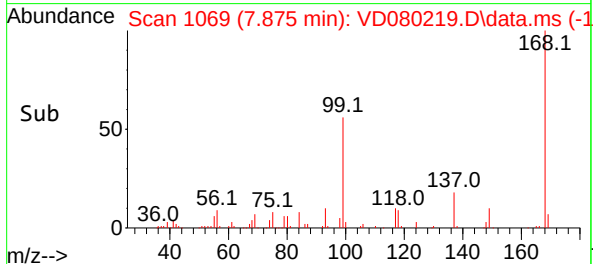


#31
Cyclohexane
Concen: 5.223 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

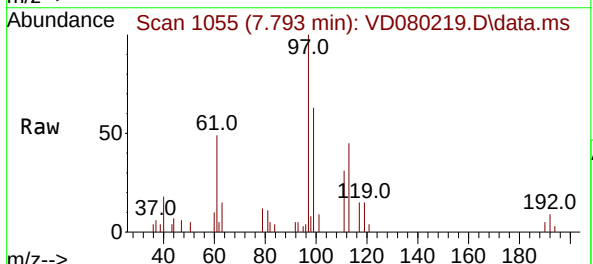
Instrument :
MSVOA_D
ClientSampleId :



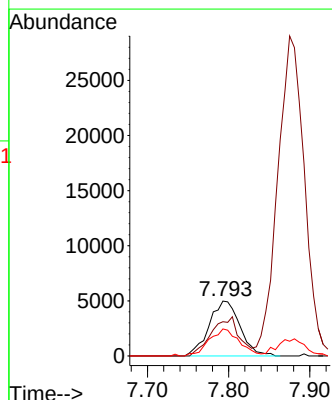
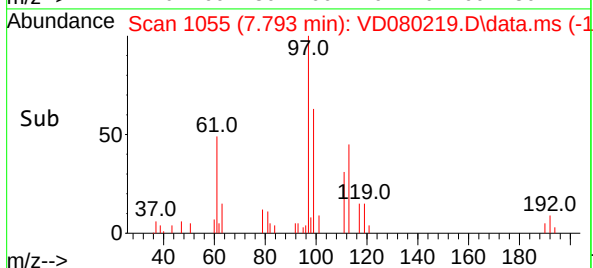
Tgt Ion: 56 Resp: 12203
Ion Ratio Lower Upper
56 100
69 71.8 27.0 40.4#
84 87.3 66.3 99.5

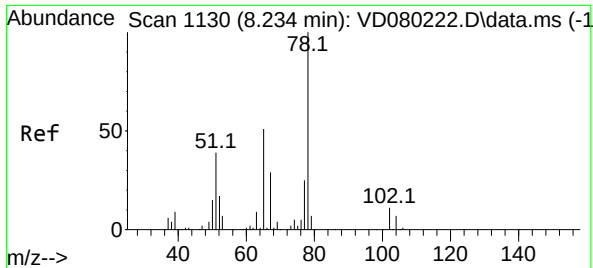


#32
1,1,1-Trichloroethane
Concen: 5.279 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion: 97 Resp: 13177
Ion Ratio Lower Upper
97 100
99 63.8 51.3 76.9
61 47.7 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 5.261 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

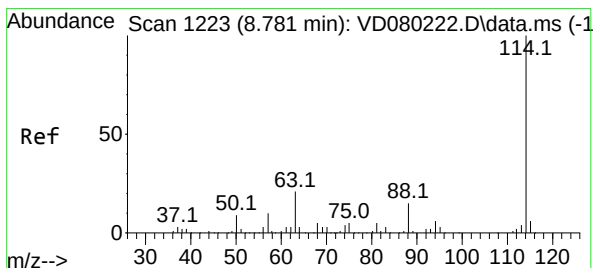
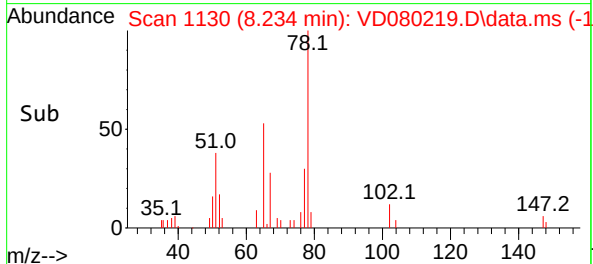
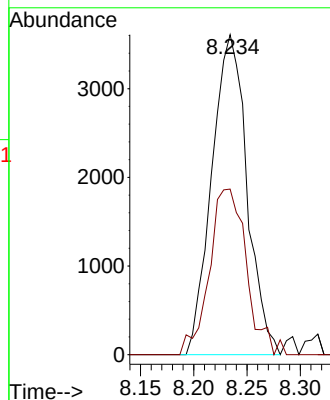
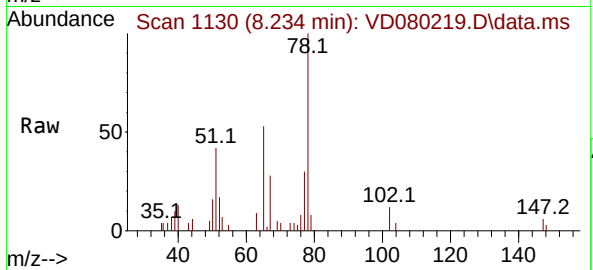
ClientSampleId :

Tgt Ion: 65 Resp: 8296

Ion Ratio Lower Upper

65 100

67 54.4 0.0 107.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

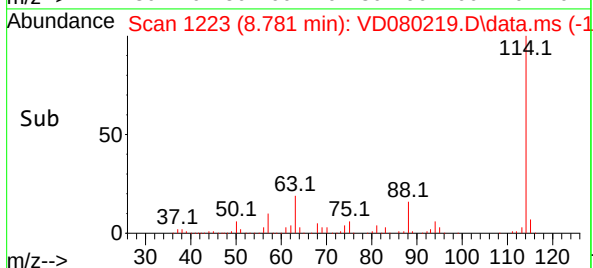
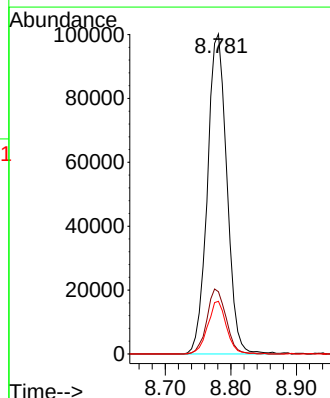
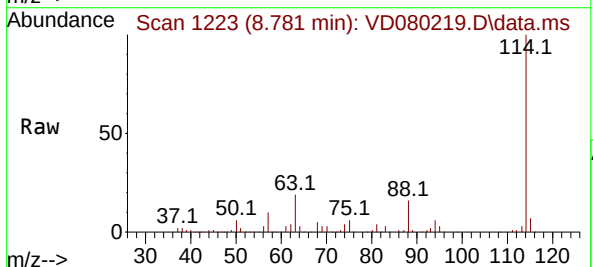
Tgt Ion: 114 Resp: 206585

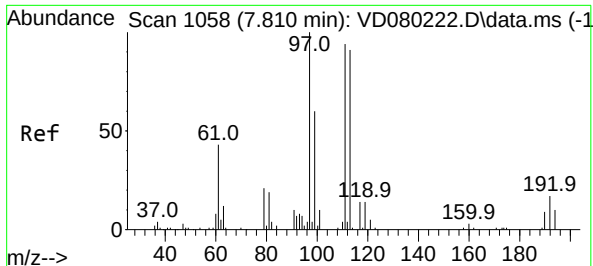
Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.8

88 16.4 0.0 30.4





#35

Dibromofluoromethane

Concen: 5.176 ug/l

RT: 7.811 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD080219.D

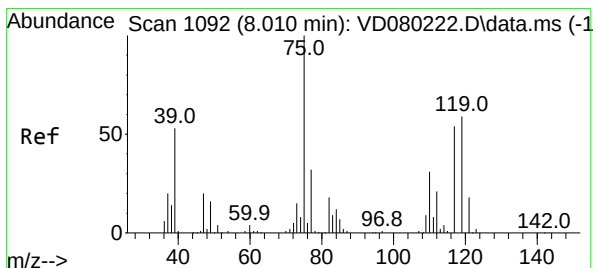
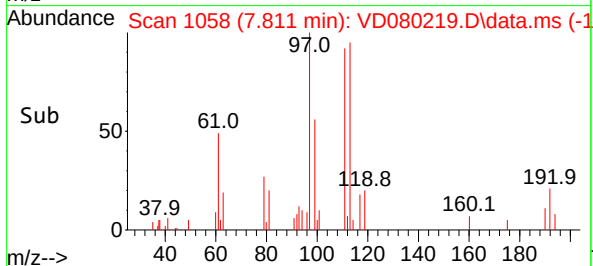
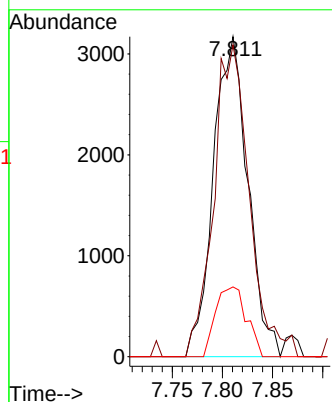
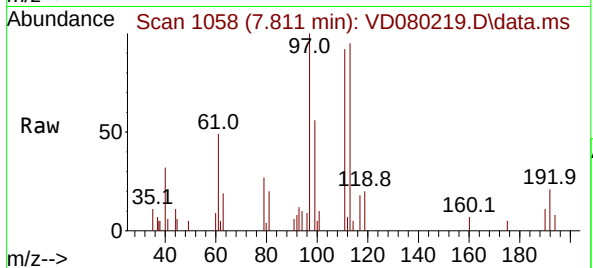
Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	113	Resp:	7578
Ion	Ratio	Lower	Upper
113	100		
111	100.8	85.0	127.4
192	19.5	15.5	23.3



#36

1,1-Dichloropropene

Concen: 4.800 ug/l

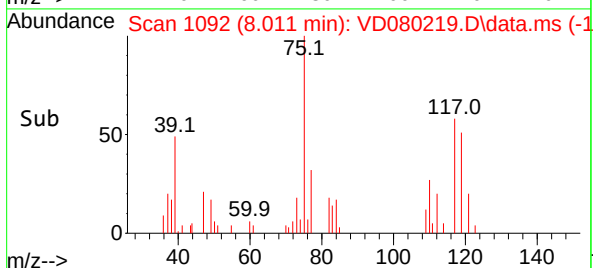
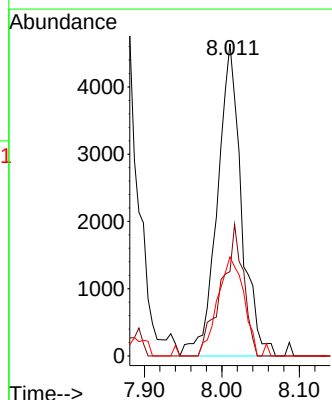
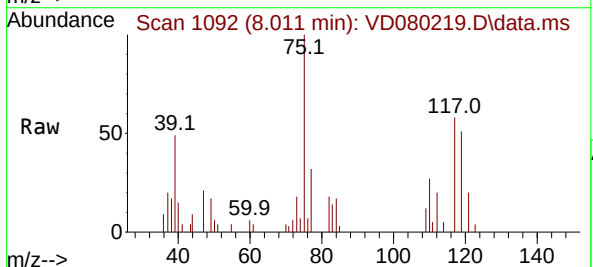
RT: 8.011 min Scan# 1092

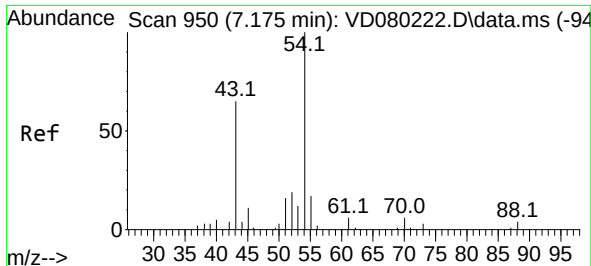
Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Tgt Ion:	75	Resp:	10067
Ion	Ratio	Lower	Upper
75	100		
110	38.3	17.1	51.2
77	34.2	25.6	38.4





#37

Ethyl Acetate

Concen: 4.324 ug/l

RT: 7.181 min Scan# 91

Delta R.T. 0.006 min

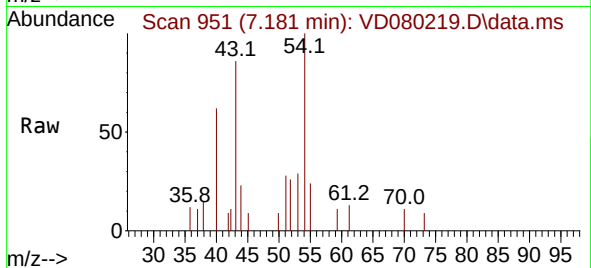
Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :



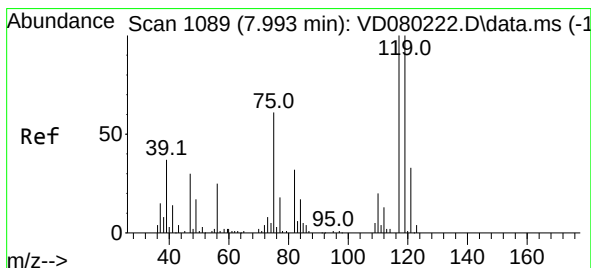
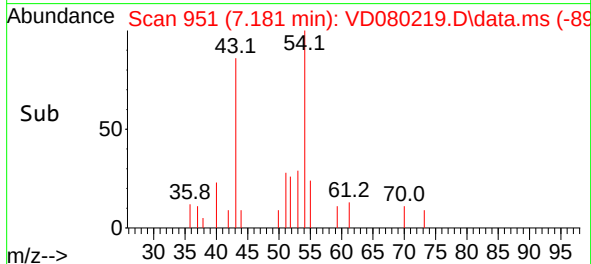
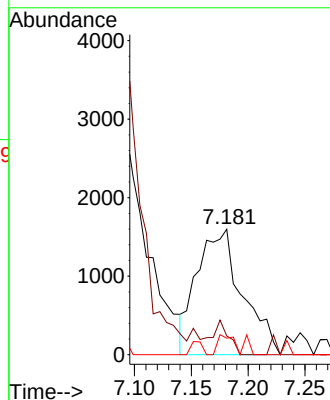
Tgt Ion: 43 Resp: 4446

Ion Ratio Lower Upper

43 100

61 8.6 11.4 17.0#

70 5.5 8.2 12.2#



#38

Carbon Tetrachloride

Concen: 5.135 ug/l

RT: 7.999 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

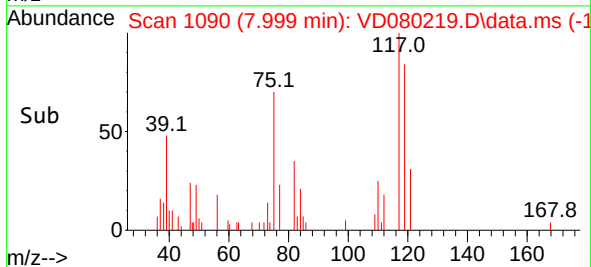
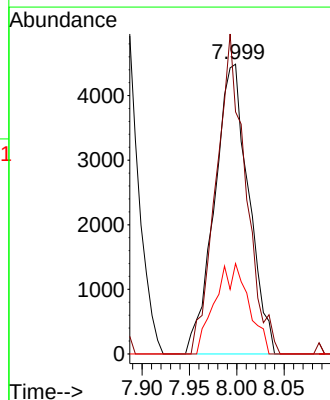
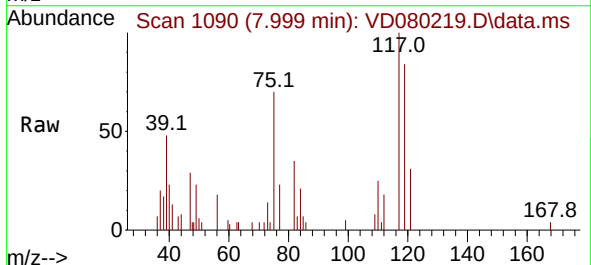
Tgt Ion: 117 Resp: 11247

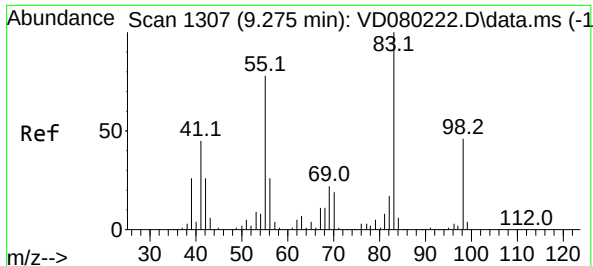
Ion Ratio Lower Upper

117 100

119 83.5 79.8 119.6

121 31.2 26.6 39.8





#39

Methylcyclohexane

Concen: 4.602 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

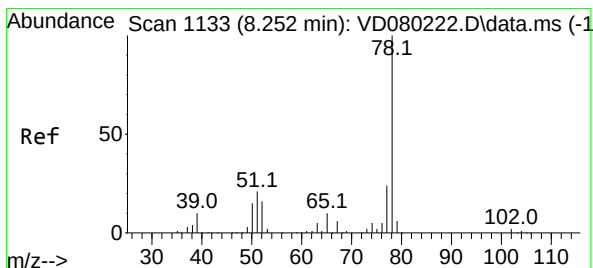
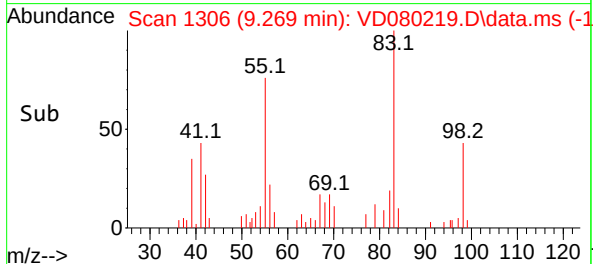
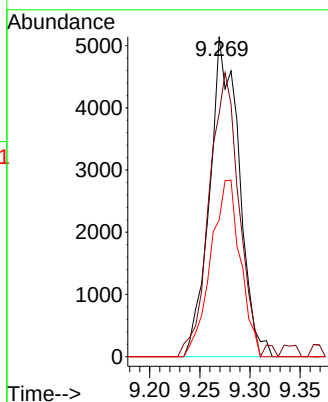
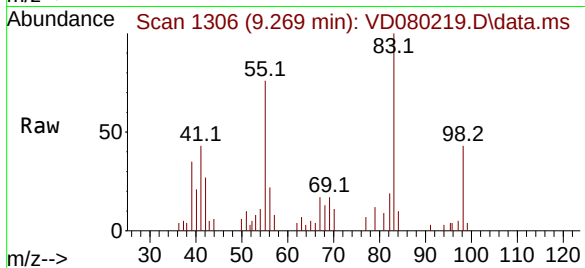
Tgt Ion: 83 Resp: 10484

Ion Ratio Lower Upper

83 100

55 76.0 62.5 93.7

98 42.7 37.1 55.7



#40

Benzene

Concen: 4.732 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD080219.D

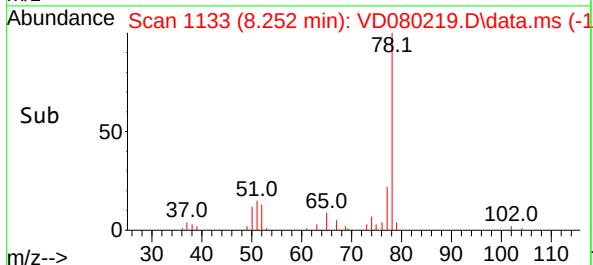
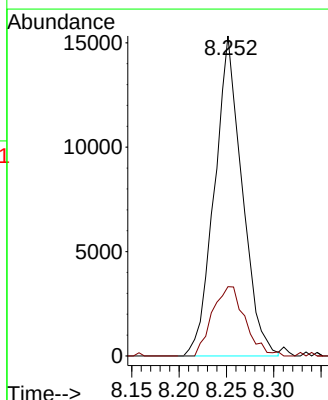
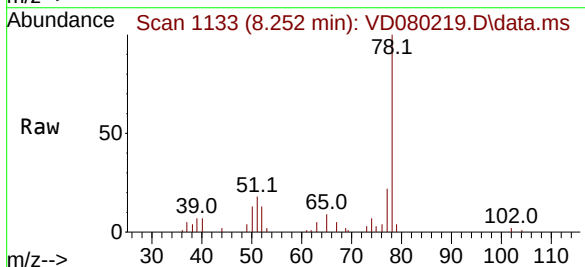
Acq: 03 Feb 2025 10:27

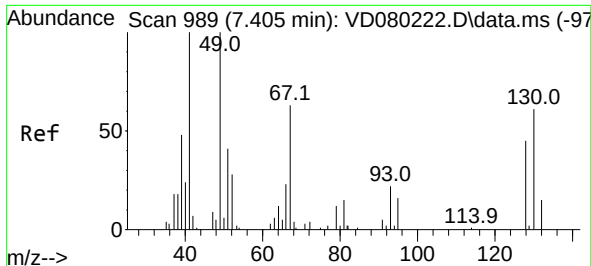
Tgt Ion: 78 Resp: 31105

Ion Ratio Lower Upper

78 100

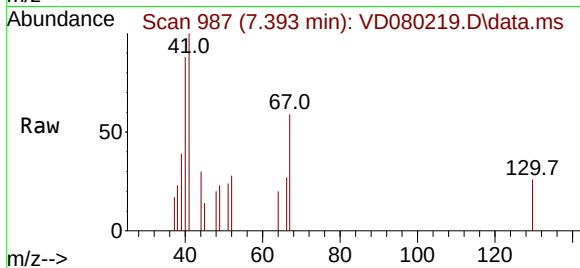
77 21.7 19.2 28.8



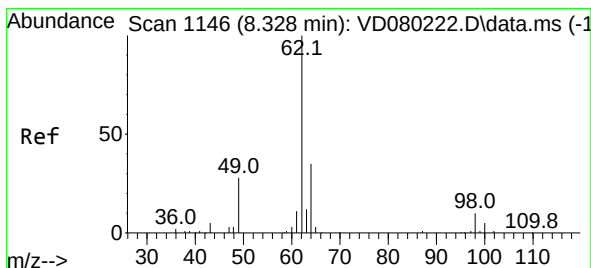
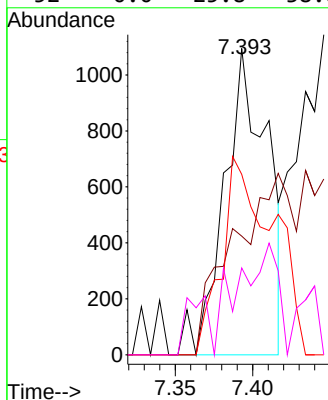
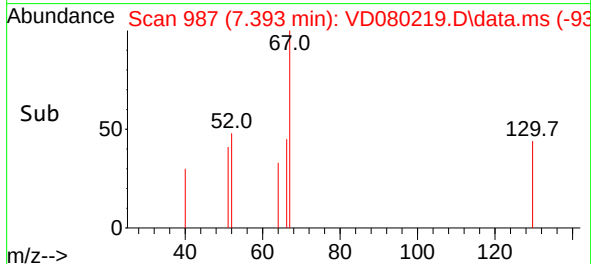


#41
Methacrylonitrile
Concen: 3.733 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

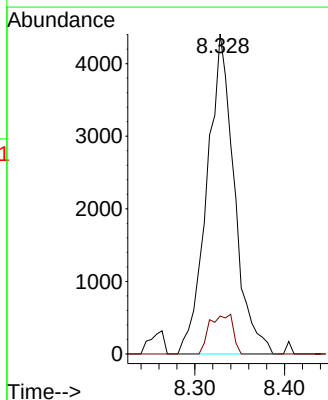
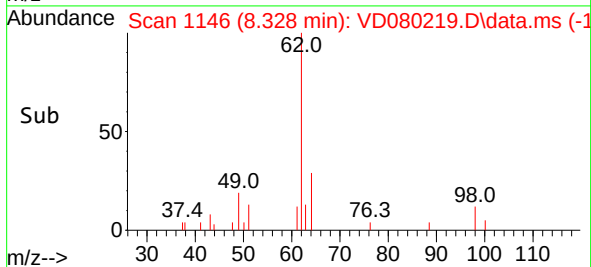
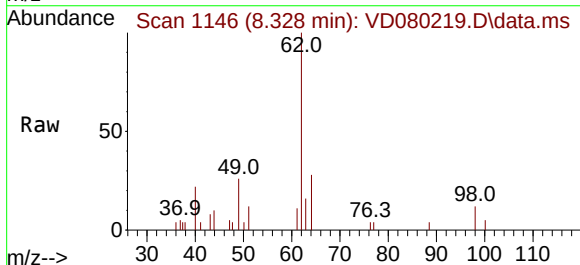


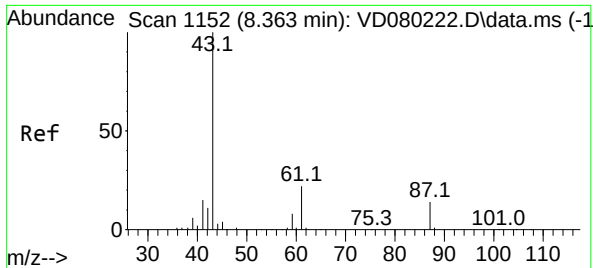
Tgt Ion:	41	Resp:	2116
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.7	67.1#
67	76.8	55.0	82.4
52	0.0	25.8	38.8#



#42
1,2-Dichloroethane
Concen: 4.981 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:	62	Resp:	9317
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.4

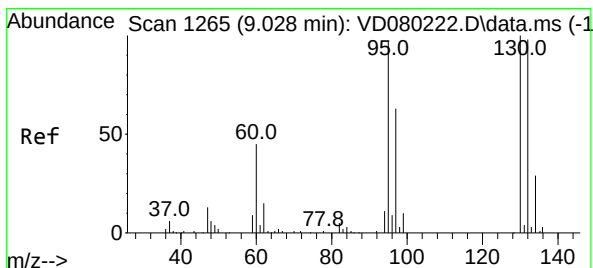
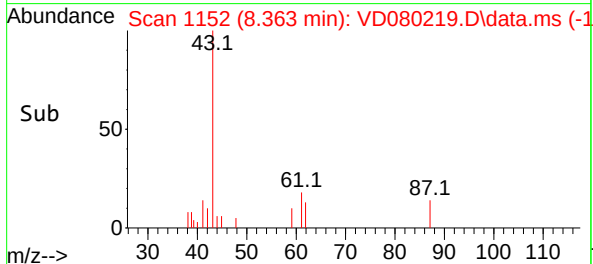
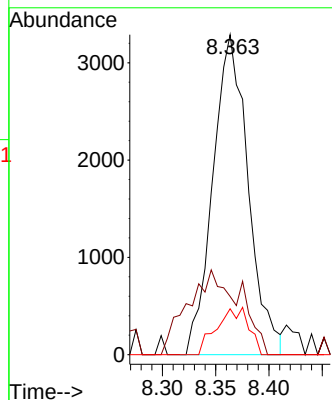
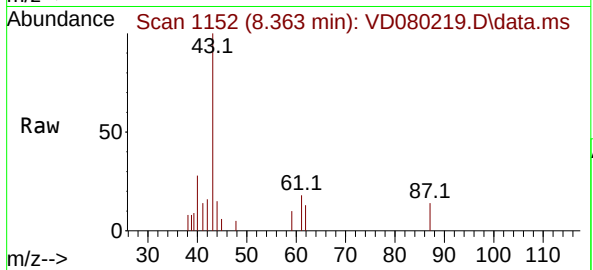




#43
Isopropyl Acetate
Concen: 4.150 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

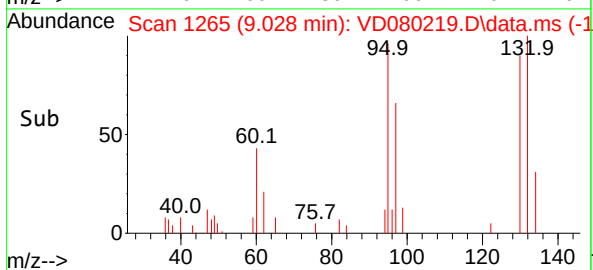
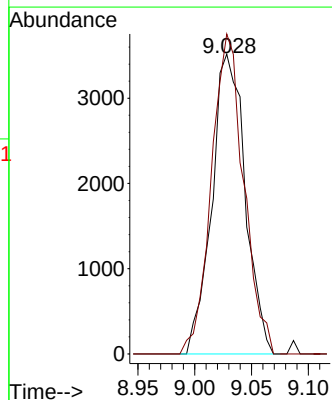
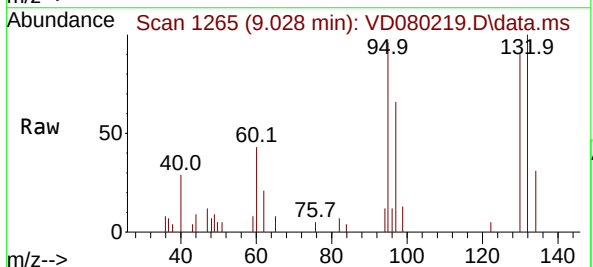
Instrument :
MSVOA_D
ClientSampleId :

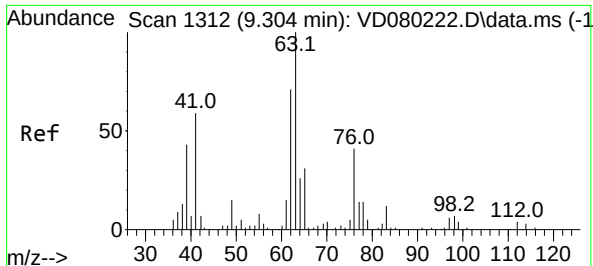
Tgt Ion: 43 Resp: 7573
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4#
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 4.718 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:130 Resp: 7165
Ion Ratio Lower Upper
130 100
95 106.7 0.0 194.2





#45

1,2-Dichloropropane

Concen: 5.007 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

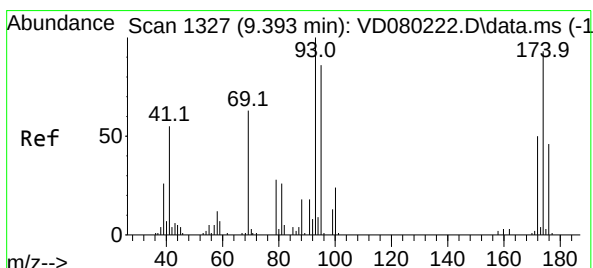
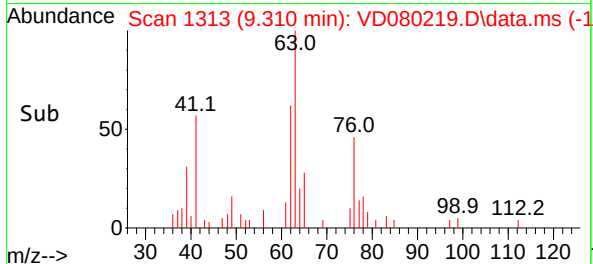
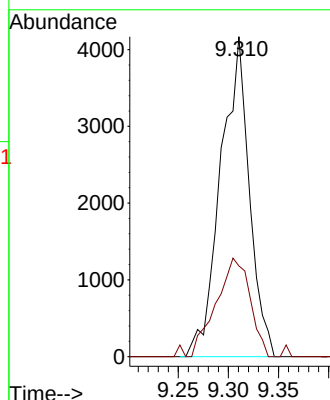
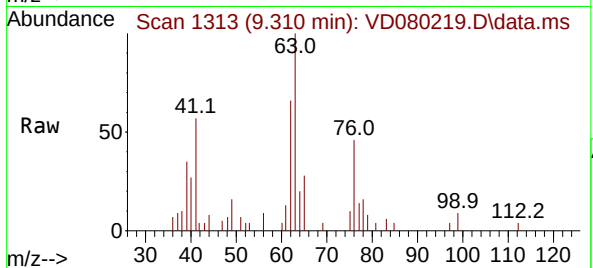
ClientSampleId :

Tgt Ion: 63 Resp: 8278

Ion Ratio Lower Upper

63 100

65 28.4 24.6 36.8



#46

Dibromomethane

Concen: 5.049 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

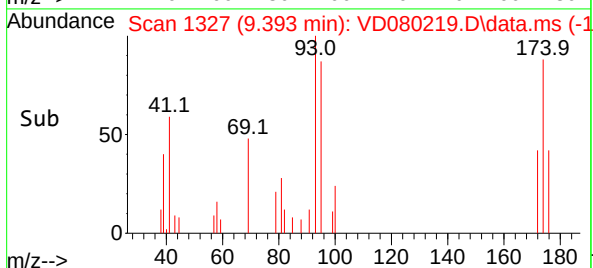
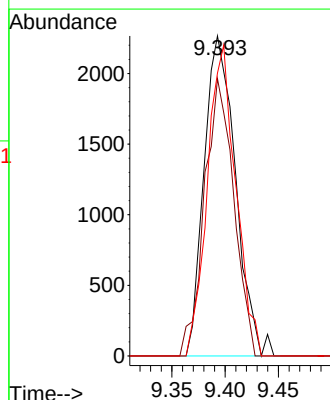
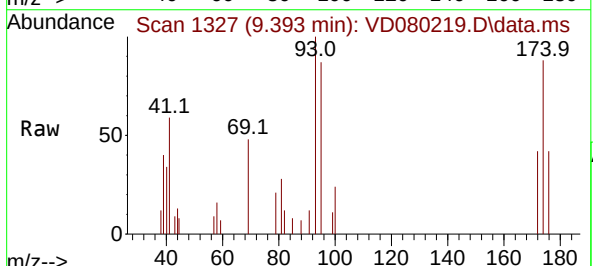
Tgt Ion: 93 Resp: 4651

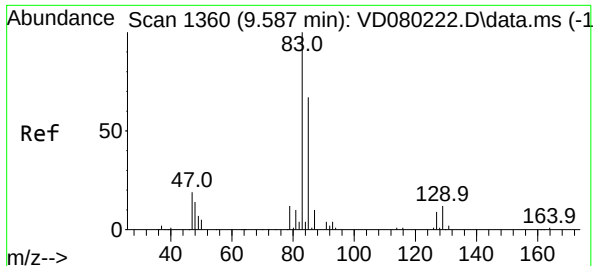
Ion Ratio Lower Upper

93 100

95 80.9 66.8 100.2

174 88.4 76.8 115.2

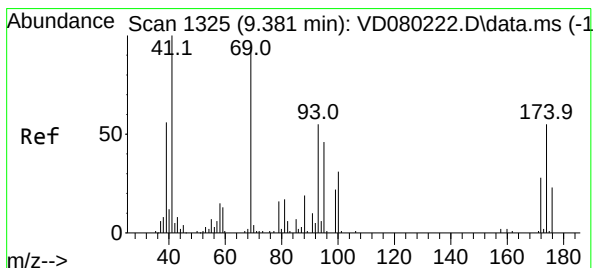
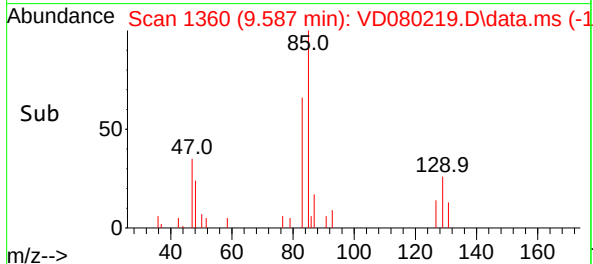
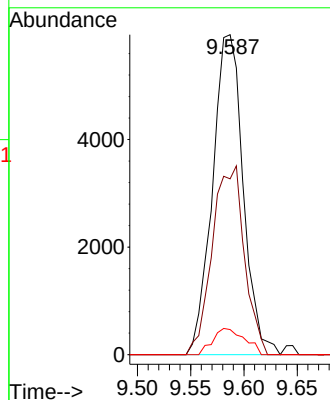
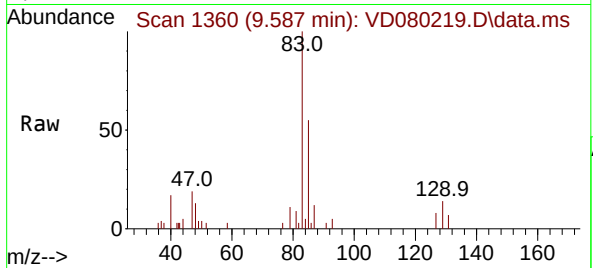




#47
Bromodichloromethane
Concen: 5.127 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

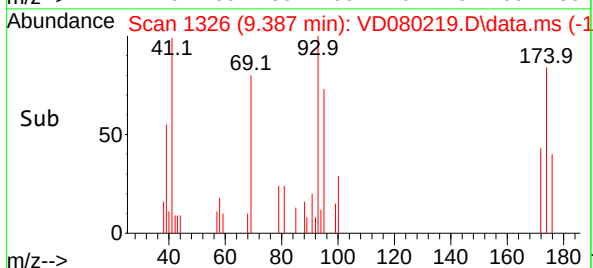
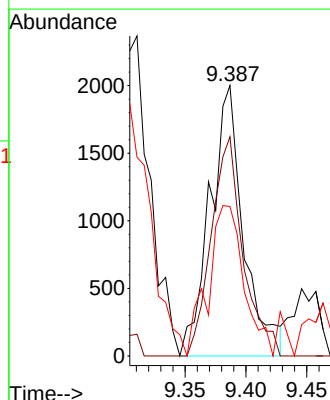
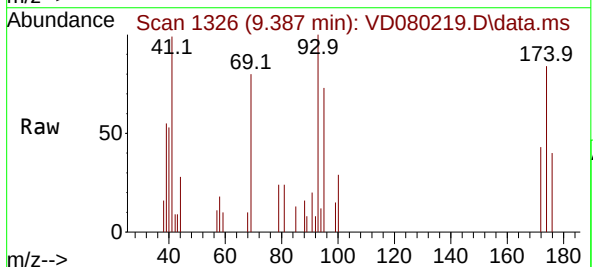
Instrument :
MSVOA_D
ClientSampleId :

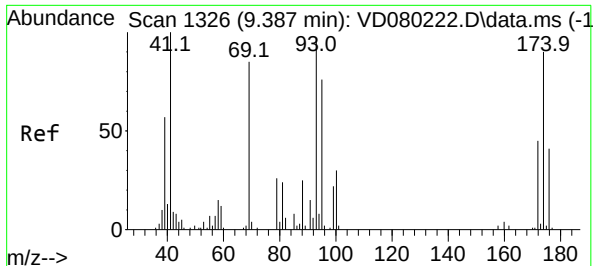
Tgt Ion: 83 Resp: 11910
Ion Ratio Lower Upper
83 100
85 55.0 53.6 80.4
127 7.9 7.4 11.2



#48
Methyl methacrylate
Concen: 4.541 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 41 Resp: 3835
Ion Ratio Lower Upper
41 100
69 76.7 73.7 110.5
39 59.0 49.4 74.2





#49

1,4-Dioxane

Concen: 71.552 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

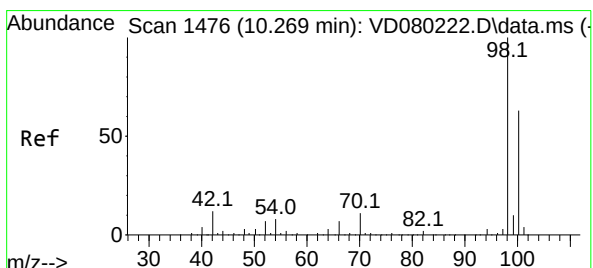
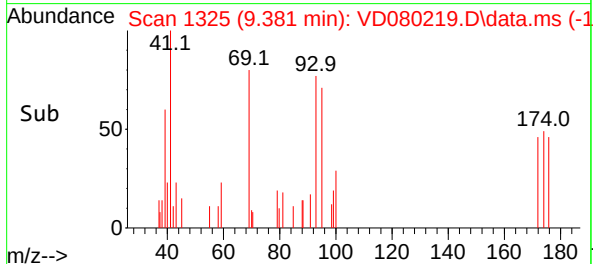
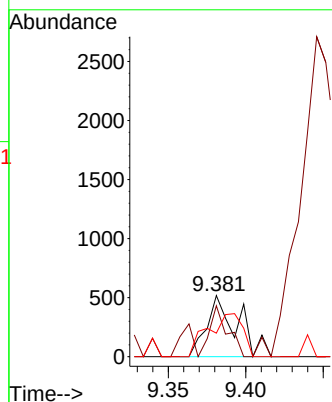
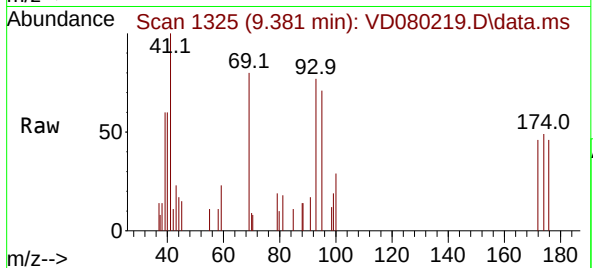
Tgt Ion: 88 Resp: 717

Ion Ratio Lower Upper

88 100

43 48.3 28.5 42.7#

58 79.6 56.3 84.5



#50

Toluene-d8

Concen: 4.715 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD080219.D

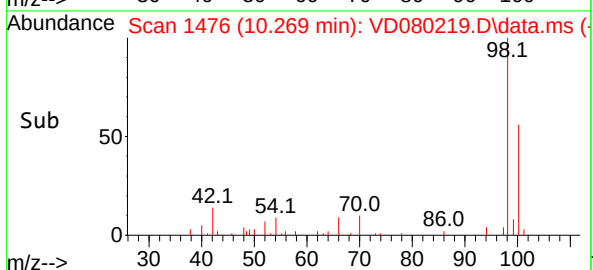
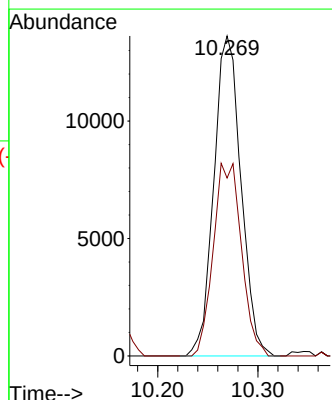
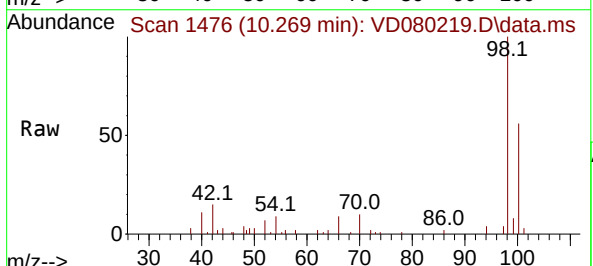
Acq: 03 Feb 2025 10:27

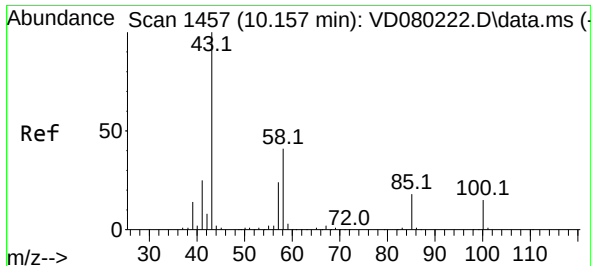
Tgt Ion: 98 Resp: 25598

Ion Ratio Lower Upper

98 100

100 62.5 50.2 75.4

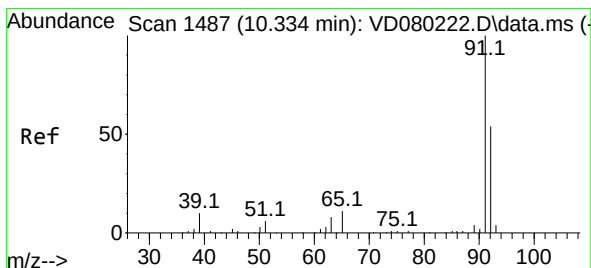
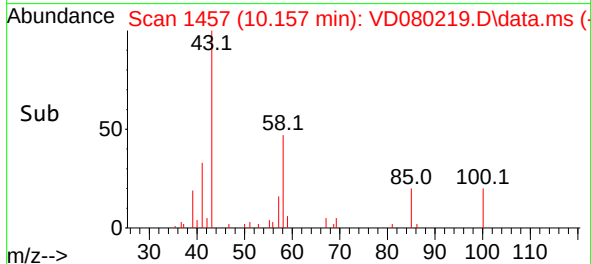
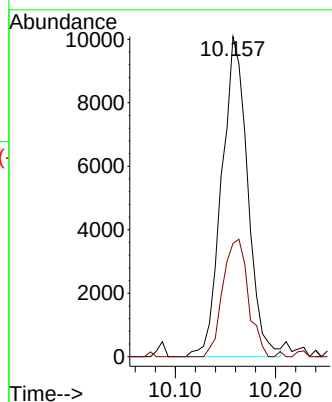
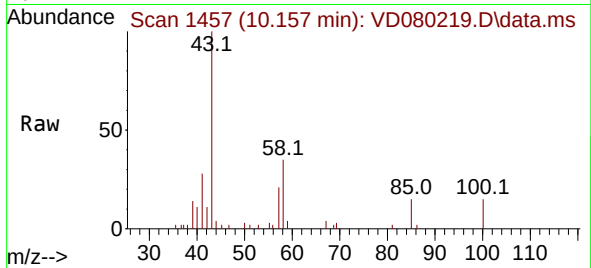




#51
4-Methyl-2-Pentanone
Concen: 19.649 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

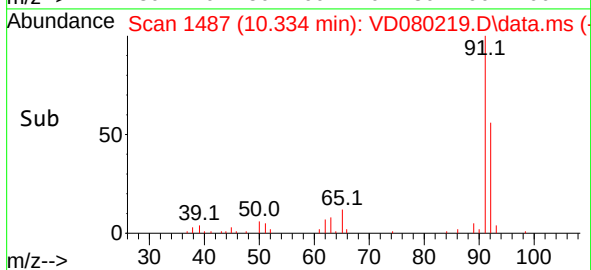
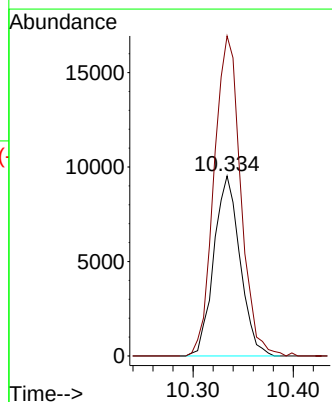
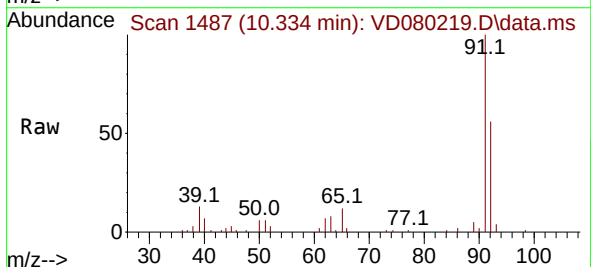
Instrument :
MSVOA_D
ClientSampleId :

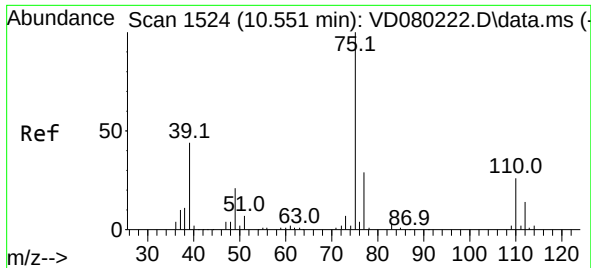
Tgt Ion: 43 Resp: 18133
Ion Ratio Lower Upper
43 100
58 35.9 31.1 46.7



#52
Toluene
Concen: 4.488 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 92 Resp: 17254
Ion Ratio Lower Upper
92 100
91 181.6 144.7 217.1

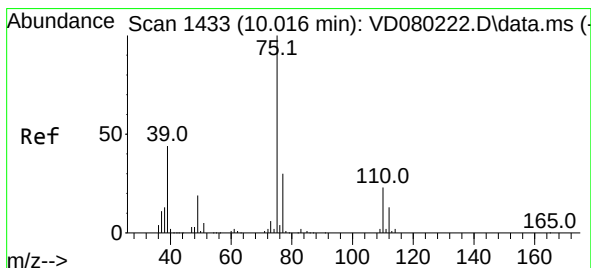
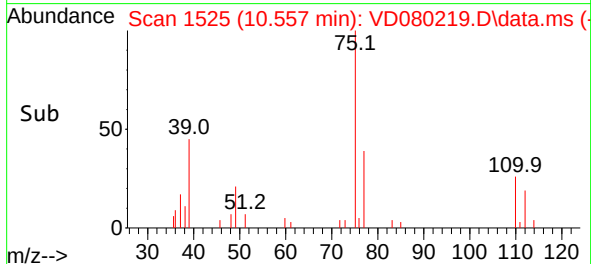
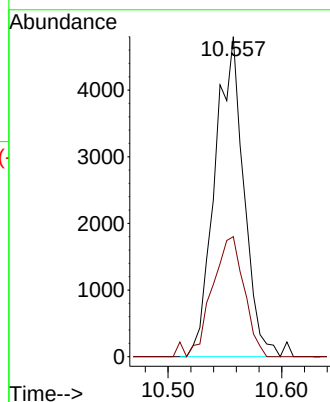
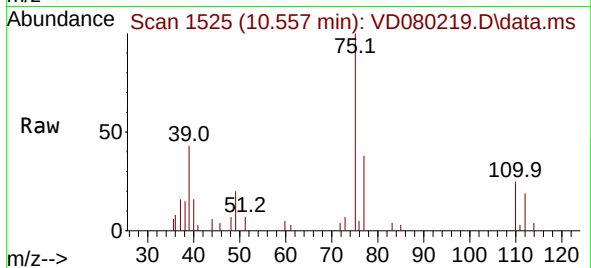




#53
 t-1,3-Dichloropropene
 Concen: 4.279 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

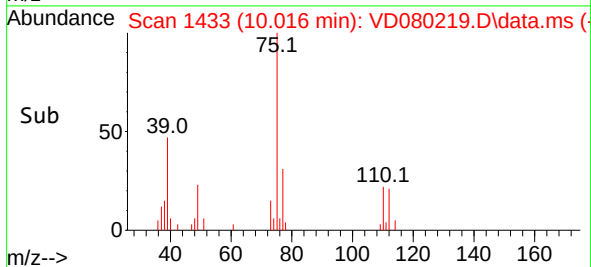
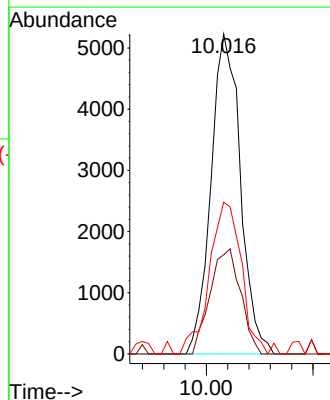
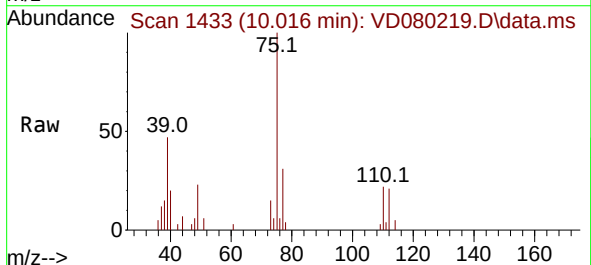
Instrument :
 MSVOA_D
 ClientSampleId :

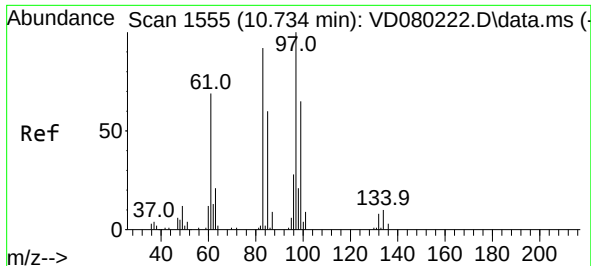
Tgt Ion: 75 Resp: 8473
 Ion Ratio Lower Upper
 75 100
 77 37.5 23.0 34.4#



#54
 cis-1,3-Dichloropropene
 Concen: 4.160 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion: 75 Resp: 10021
 Ion Ratio Lower Upper
 75 100
 77 31.0 24.1 36.1
 39 47.5 35.1 52.7

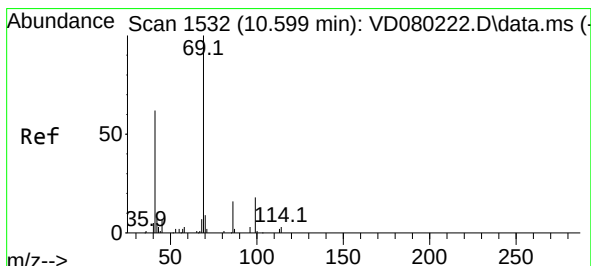
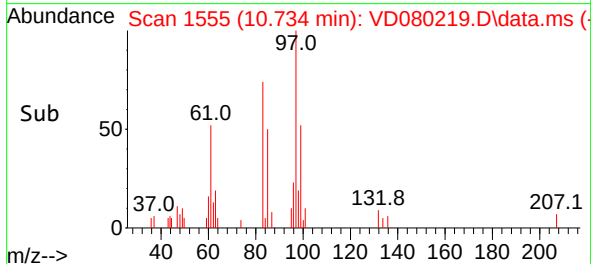
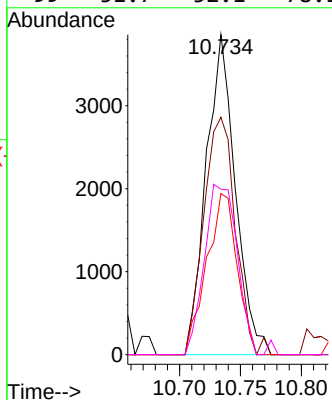
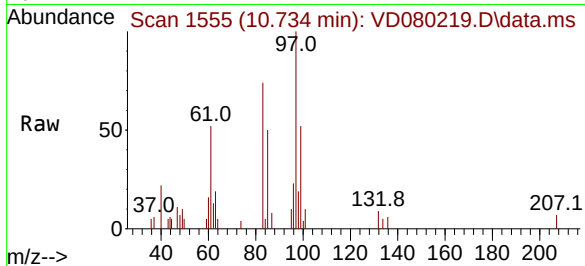




#55
1,1,2-Trichloroethane
Concen: 5.377 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

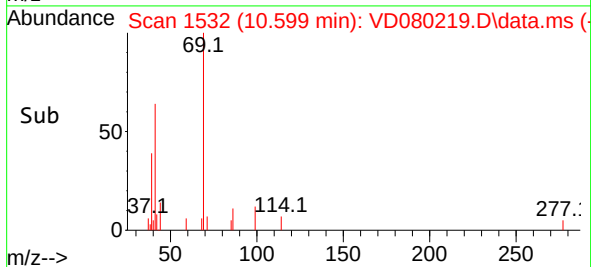
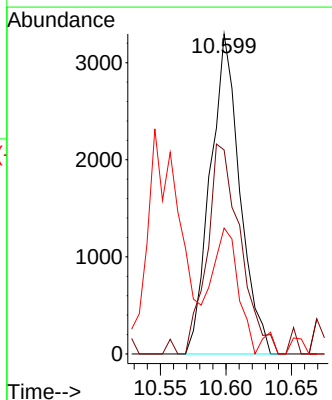
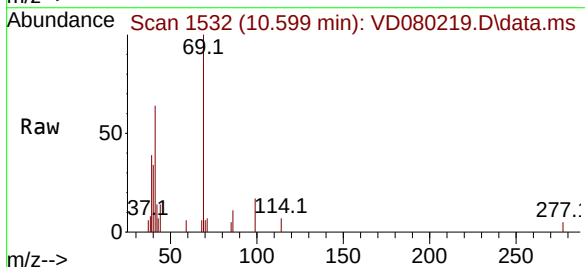
Instrument :
MSVOA_D
ClientSampleId :

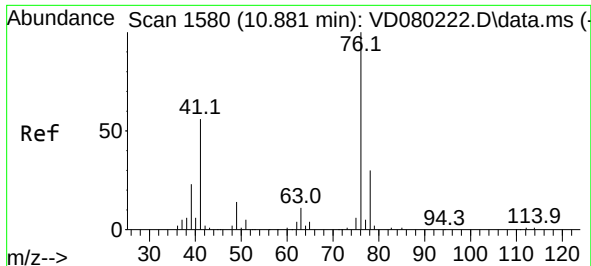
Tgt Ion:	97	Resp:	6436
Ion	Ratio	Lower	Upper
97	100		
83	74.2	73.9	110.9
85	50.4	48.2	72.2
99	51.7	52.1	78.1#



#56
Ethyl methacrylate
Concen: 3.786 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:	69	Resp:	5170
Ion	Ratio	Lower	Upper
69	100		
41	74.6	51.8	77.6
39	37.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 4.810 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

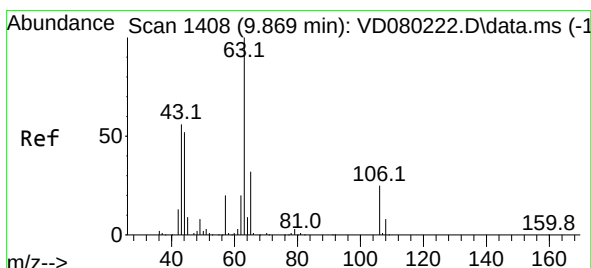
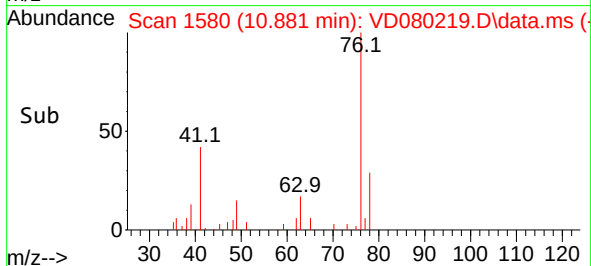
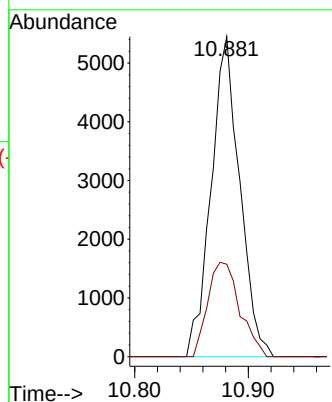
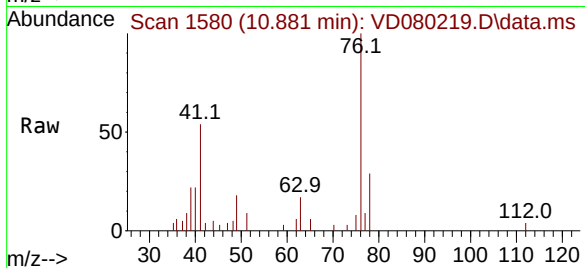
ClientSampleId :

Tgt Ion: 76 Resp: 9522

Ion Ratio Lower Upper

76 100

78 33.0 25.0 37.4



#58

2-Chloroethyl Vinyl ether

Concen: 18.770 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD080219.D

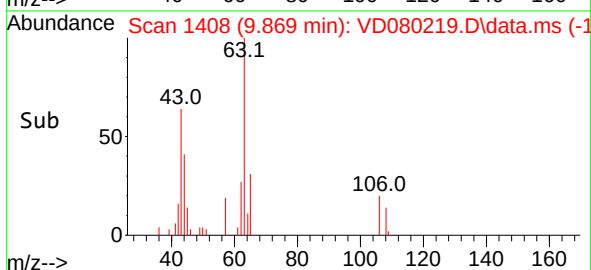
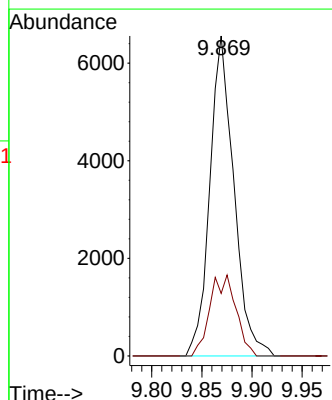
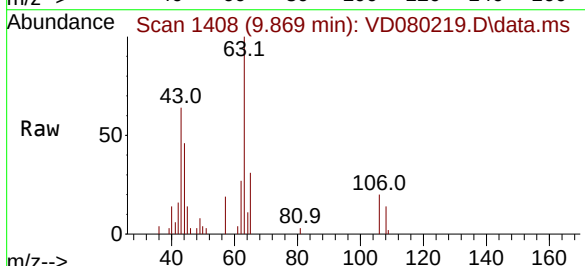
Acq: 03 Feb 2025 10:27

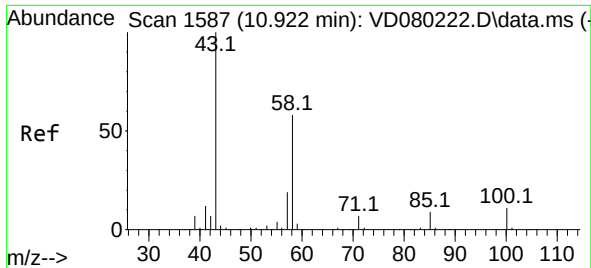
Tgt Ion: 63 Resp: 10941

Ion Ratio Lower Upper

63 100

106 27.4 20.6 30.8

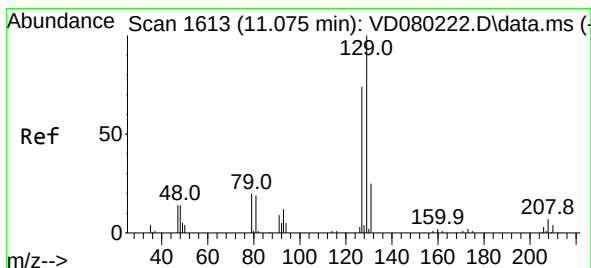
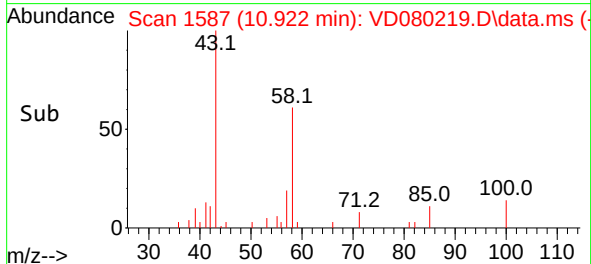
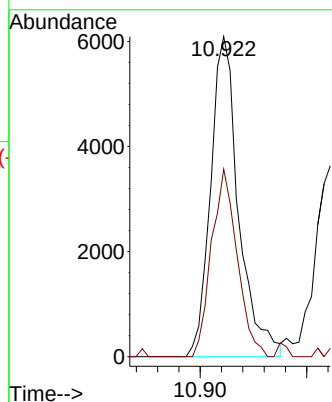
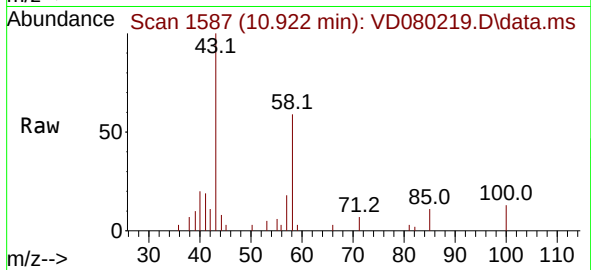




#59
2-Hexanone
Concen: 18.342 ug/l
RT: 10.922 min Scan# 11107
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

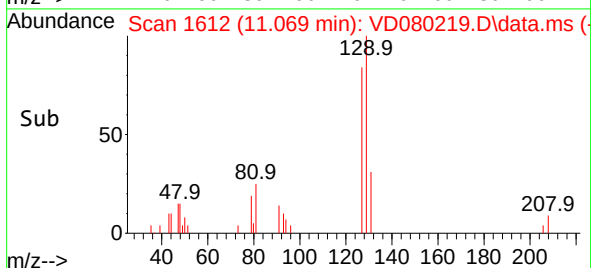
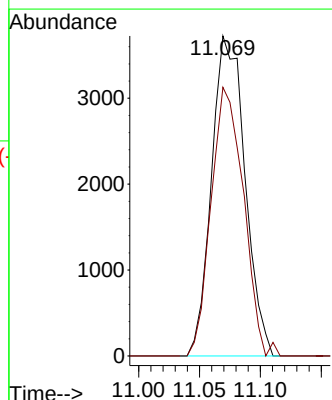
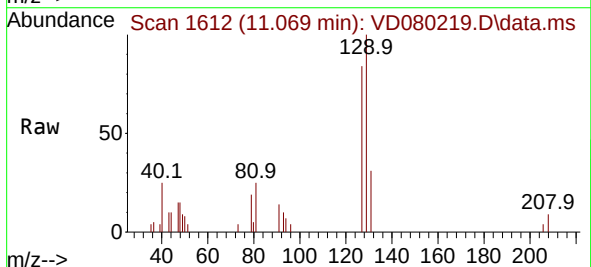
Instrument :
MSVOA_D
ClientSampleId :

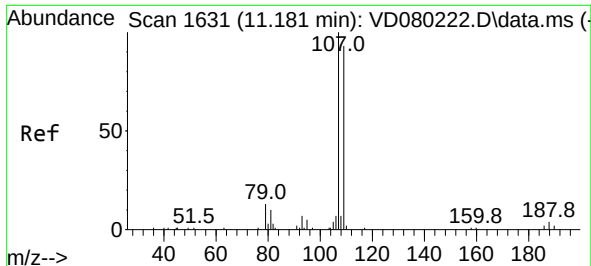
Tgt Ion:	43	Resp:	11107
Ion Ratio	Lower	Upper	
43	100		
58	53.8	27.4	82.2



#60
Dibromochloromethane
Concen: 4.806 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:	129	Resp:	7090
Ion Ratio	Lower	Upper	
129	100		
127	81.6	38.1	114.5

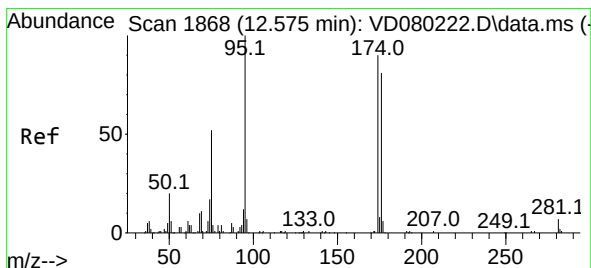
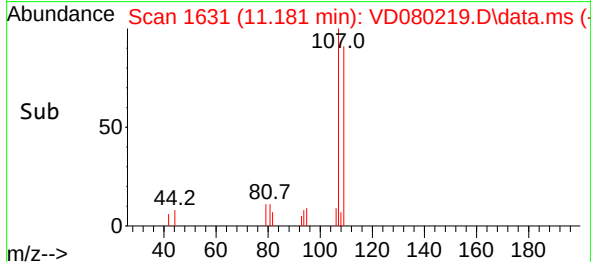
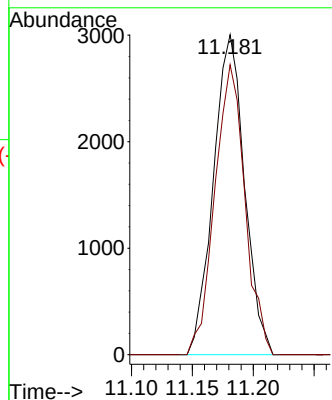
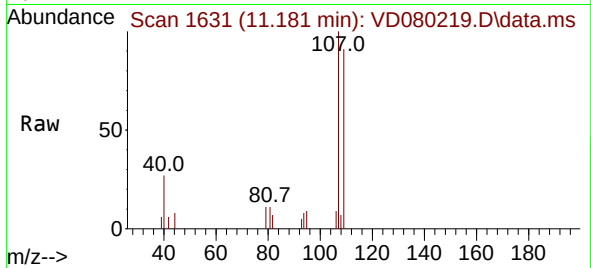




#61
1,2-Dibromoethane
Concen: 4.909 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

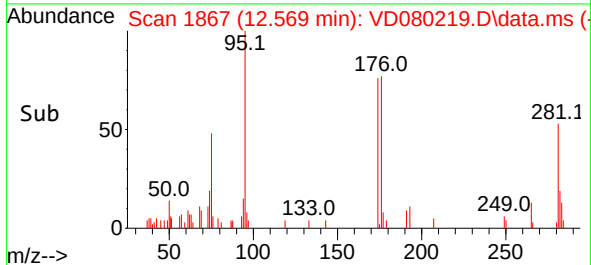
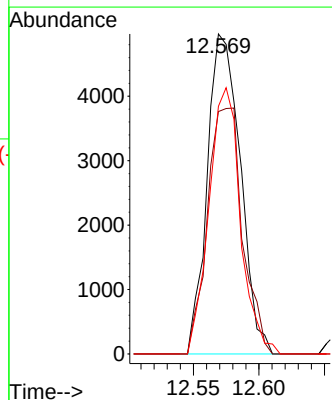
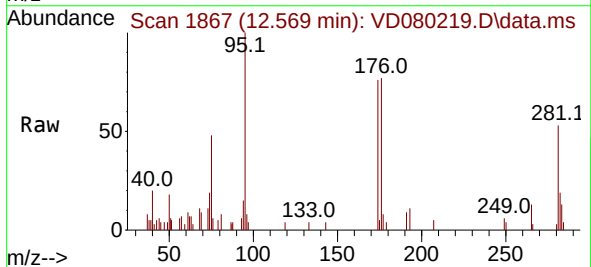
Instrument :
MSVOA_D
ClientSampleId :

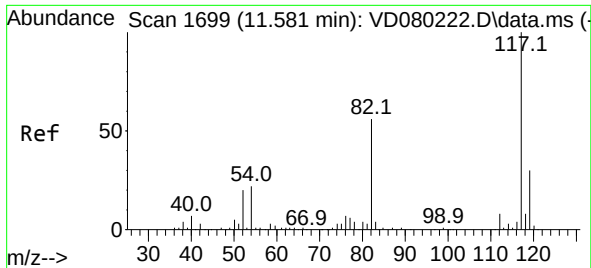
Tgt Ion:107 Resp: 5351
Ion Ratio Lower Upper
107 100
109 87.6 75.1 112.7



#62
4-Bromofluorobenzene
Concen: 5.008 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 95 Resp: 8724
Ion Ratio Lower Upper
95 100
174 81.3 0.0 171.8
176 78.9 0.0 159.6

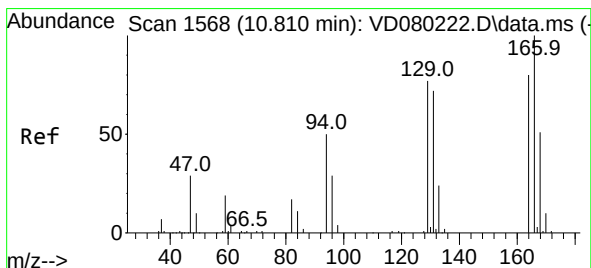
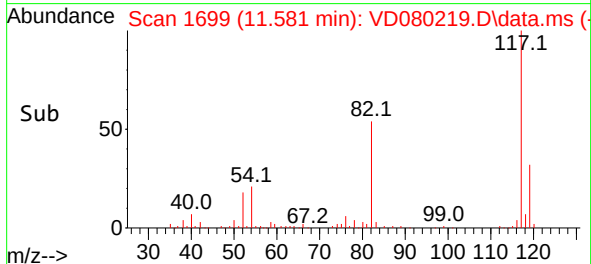
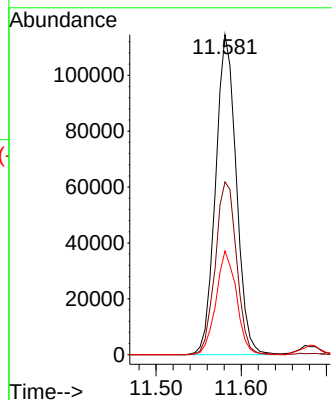
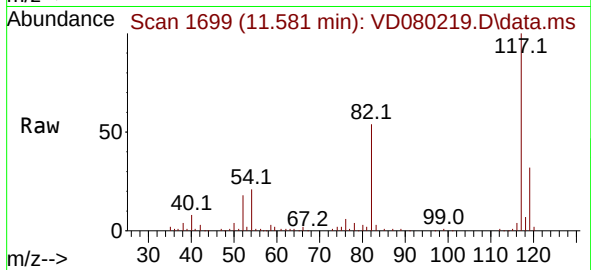




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

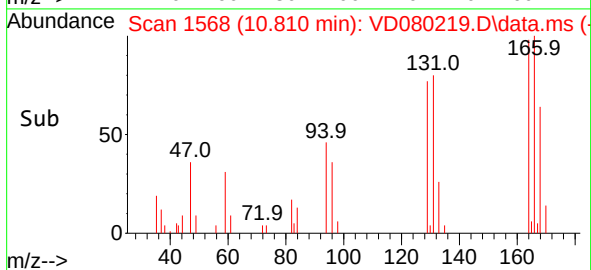
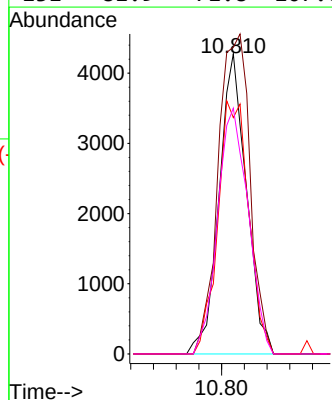
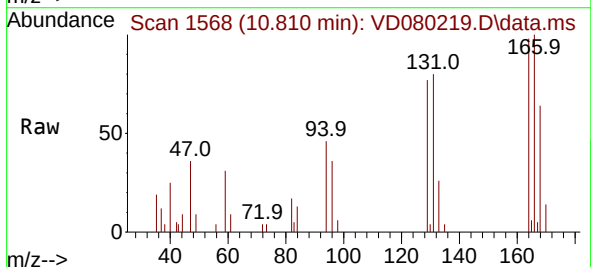
Instrument :
MSVOA_D
ClientSampleId :

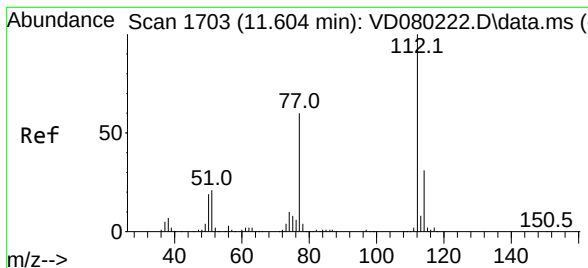
Tgt Ion:117 Resp: 194009
Ion Ratio Lower Upper
117 100
82 54.0 45.0 67.6
119 32.4 24.3 36.5



#64
Tetrachloroethene
Concen: 5.273 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:164 Resp: 7147
Ion Ratio Lower Upper
164 100
166 102.2 99.4 149.2
129 78.7 76.3 114.5
131 81.9 71.8 107.6

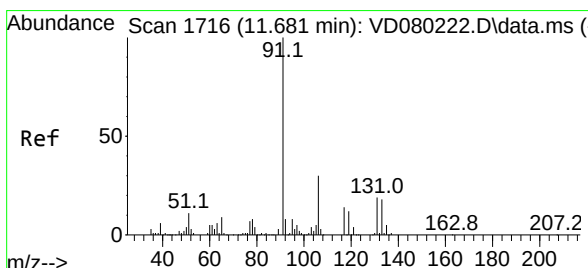
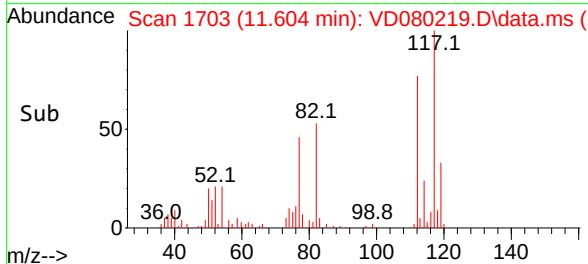
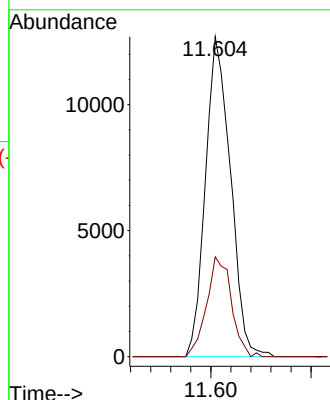
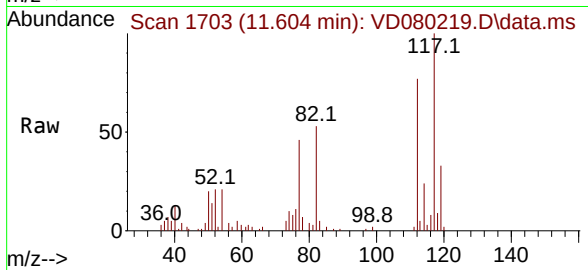




#65
Chlorobenzene
Concen: 4.949 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

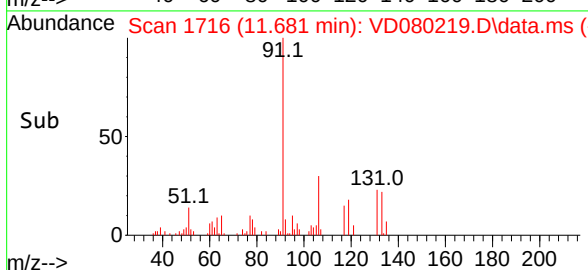
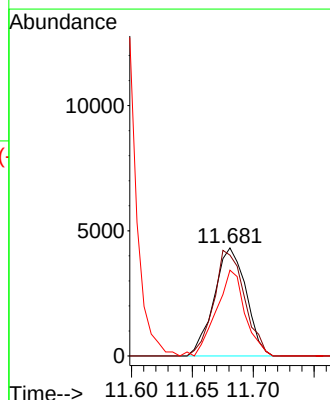
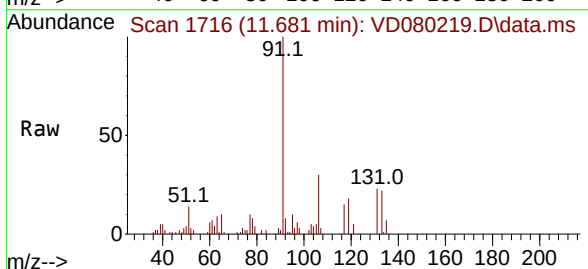
Instrument :
MSVOA_D
ClientSampleId :

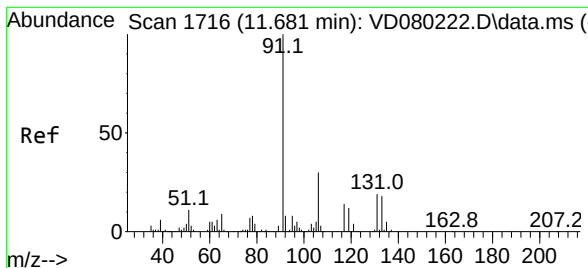
Tgt Ion:112 Resp: 22008
Ion Ratio Lower Upper
112 100
114 31.2 24.5 36.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.084 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:131 Resp: 7909
Ion Ratio Lower Upper
131 100
133 93.7 45.9 137.7
119 71.2 33.9 101.6





#67

Ethyl Benzene

Concen: 4.412 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

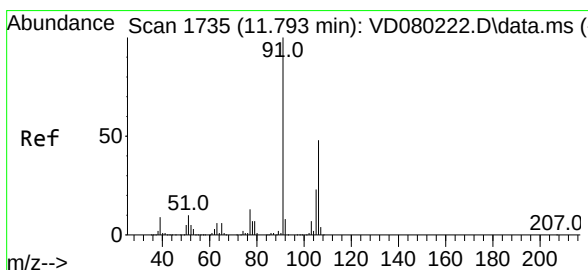
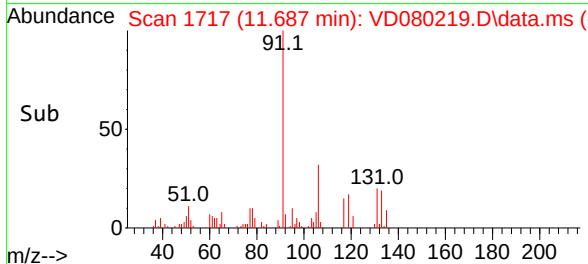
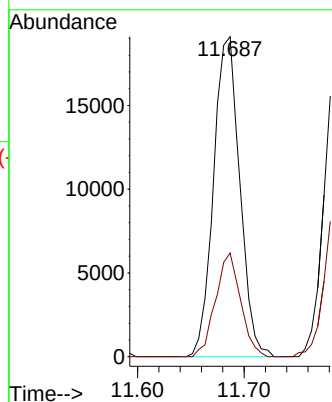
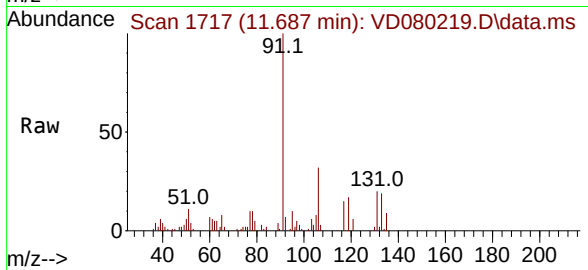
ClientSampleId :

Tgt Ion: 91 Resp: 32642

Ion Ratio Lower Upper

91 100

106 32.4 23.9 35.9



#68

m/p-Xylenes

Concen: 8.632 ug/l

RT: 11.799 min Scan# 1736

Delta R.T. 0.006 min

Lab File: VD080219.D

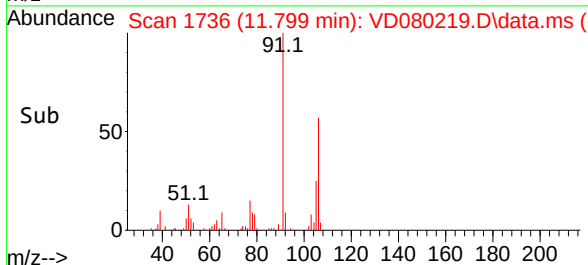
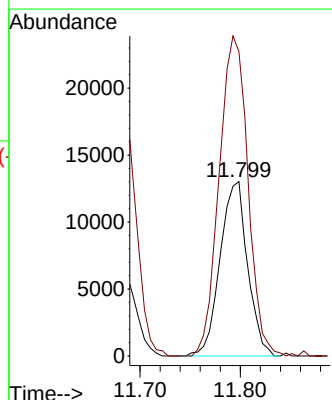
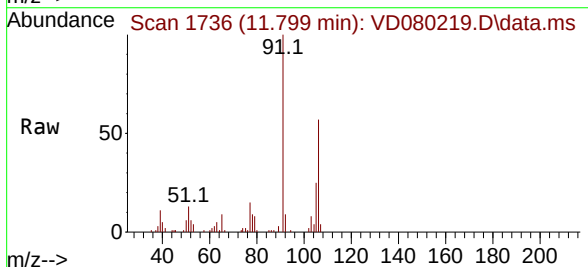
Acq: 03 Feb 2025 10:27

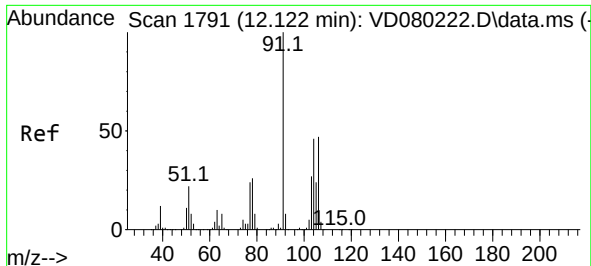
Tgt Ion:106 Resp: 24792

Ion Ratio Lower Upper

106 100

91 192.1 165.8 248.8

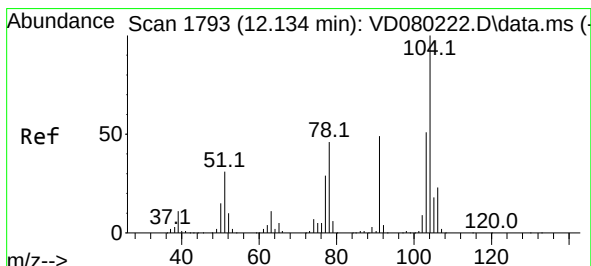
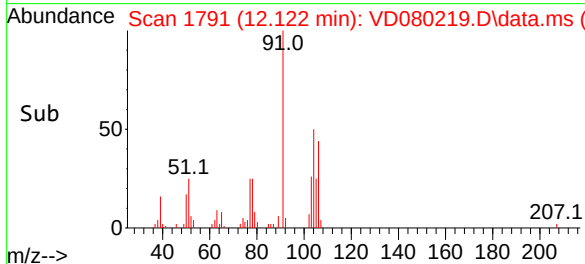
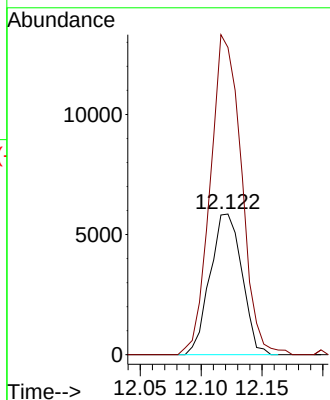
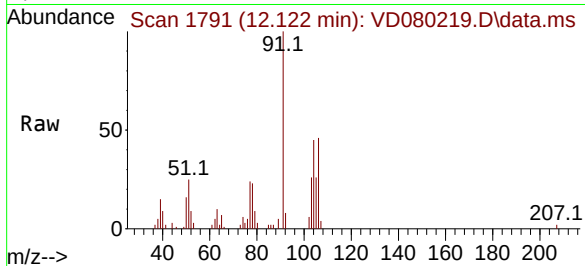




#69
o-Xylene
Concen: 4.075 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

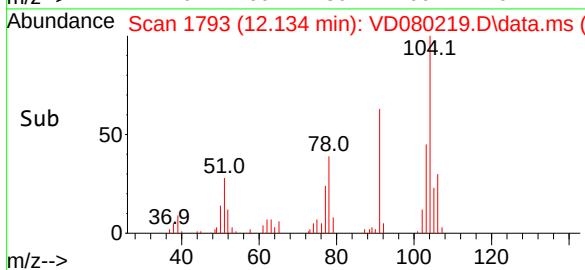
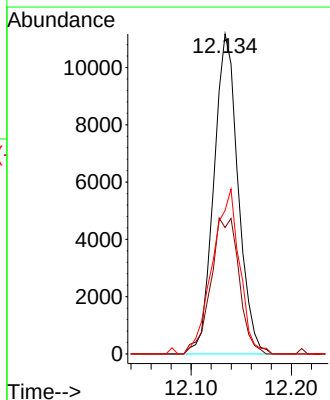
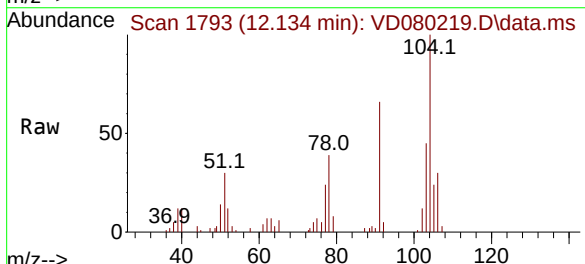
Instrument :
MSVOA_D
ClientSampleId :

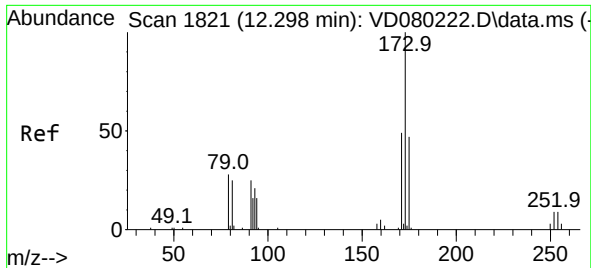
Tgt Ion:106 Resp: 10672
Ion Ratio Lower Upper
106 100
91 222.4 107.7 323.3



#70
Styrene
Concen: 4.029 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:104 Resp: 18781
Ion Ratio Lower Upper
104 100
78 49.4 40.7 61.1
103 57.5 45.0 67.4

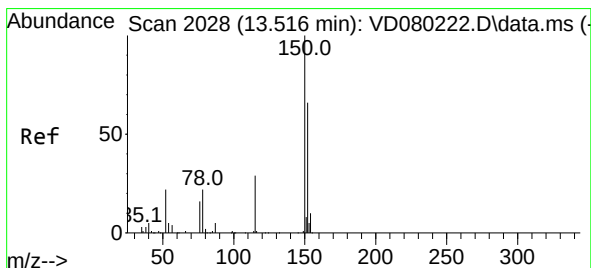
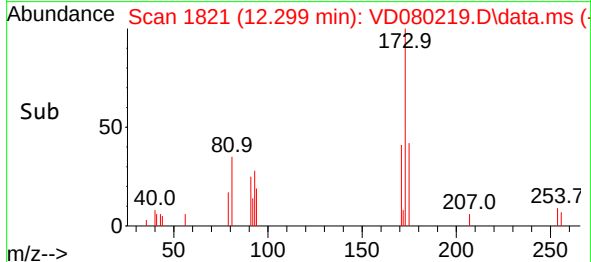
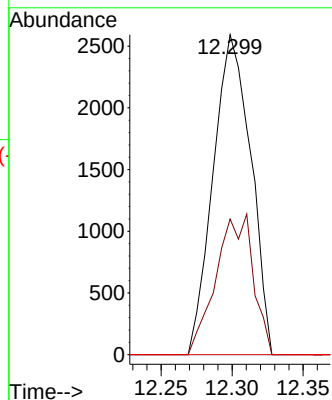
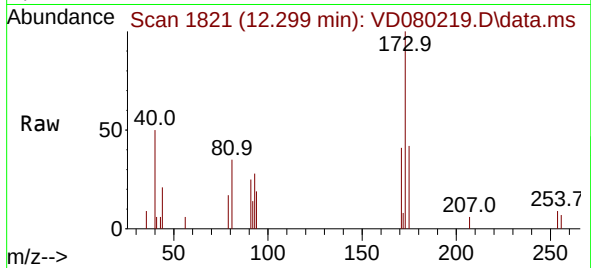




#71
Bromoform
Concen: 5.197 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

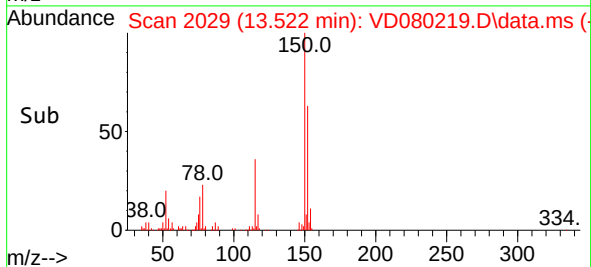
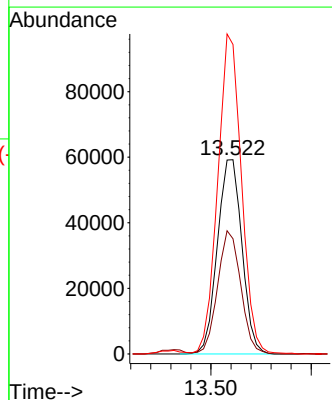
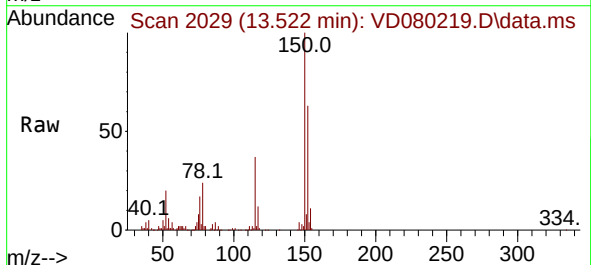
Instrument :
MSVOA_D
ClientSampleId :

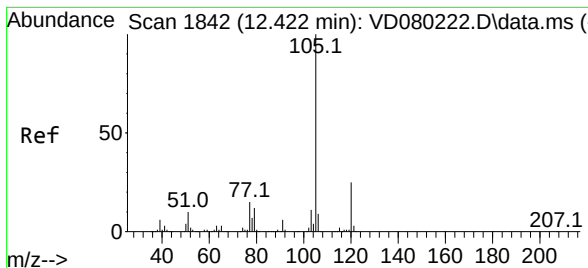
Tgt Ion:173 Resp: 4766
Ion Ratio Lower Upper
173 100
175 43.3 23.4 70.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:152 Resp: 100564
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.1
150 159.1 0.0 350.4





#73

Isopropylbenzene

Concen: 4.310 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

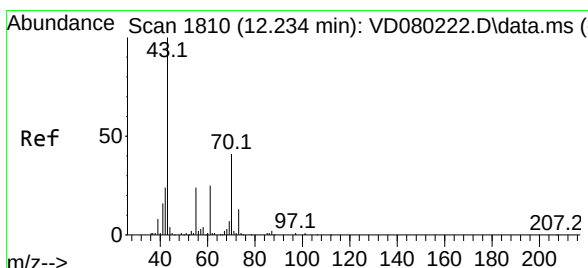
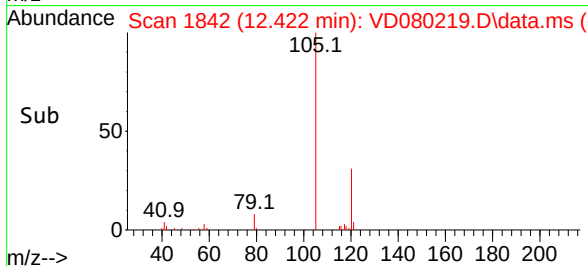
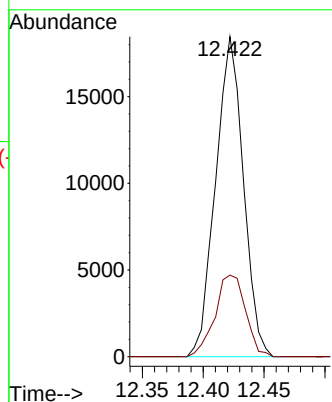
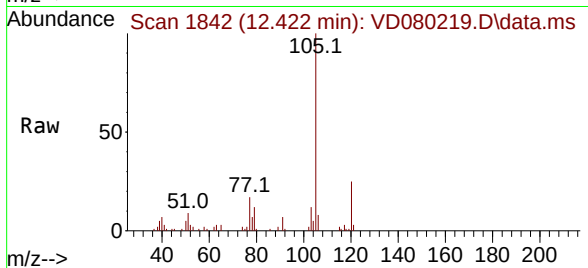
ClientSampleId :

Tgt Ion:105 Resp: 29314

Ion Ratio Lower Upper

105 100

120 28.0 12.9 38.6



#74

N-ethyl acetate

Concen: 3.938 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Tgt Ion: 43 Resp: 7041

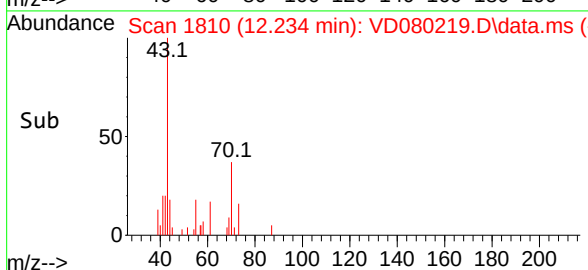
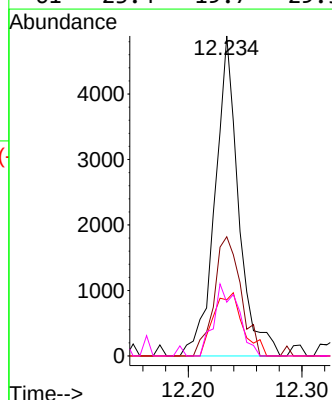
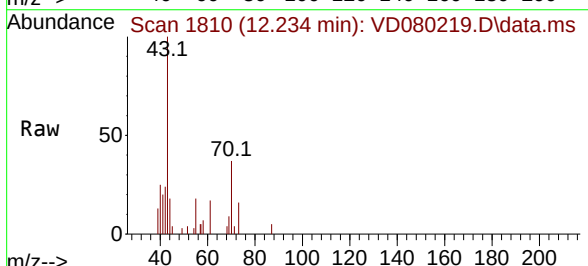
Ion Ratio Lower Upper

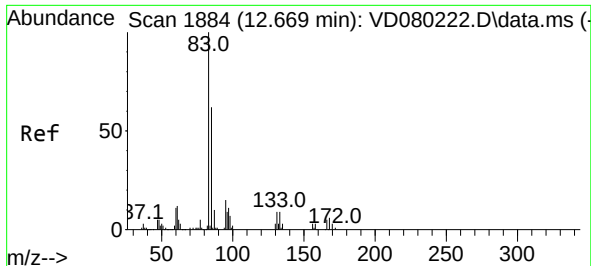
43 100

70 42.1 33.6 50.4

55 24.6 21.4 32.0

61 23.4 19.7 29.5

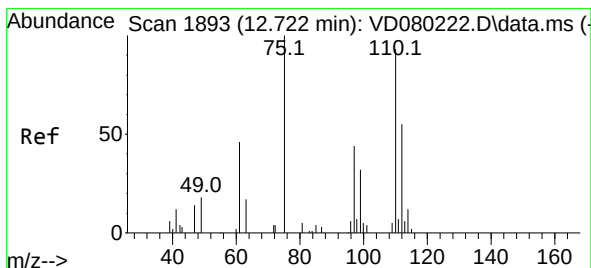
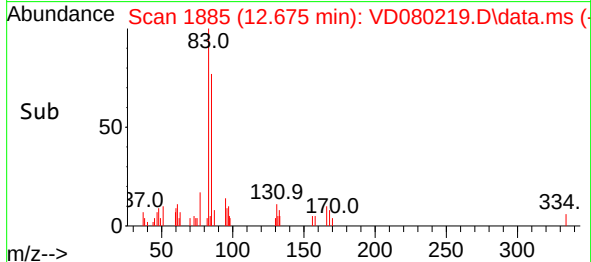
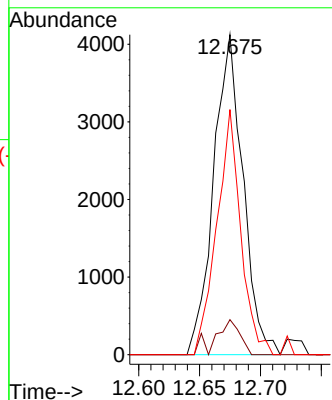
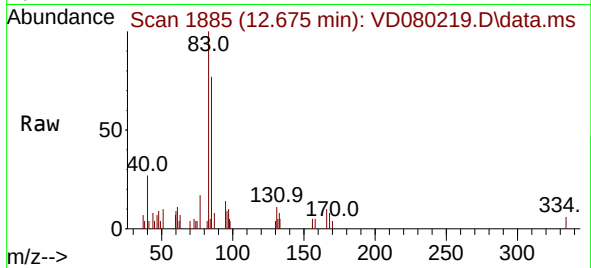




#75
 1,1,2,2-Tetrachloroethane
 Concen: 4.887 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

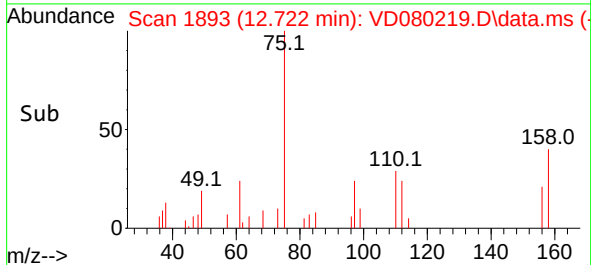
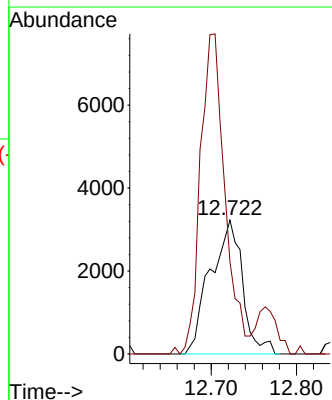
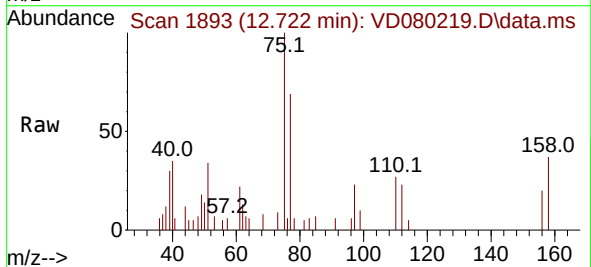
Instrument :
 MSVOA_D
 ClientSampleId :

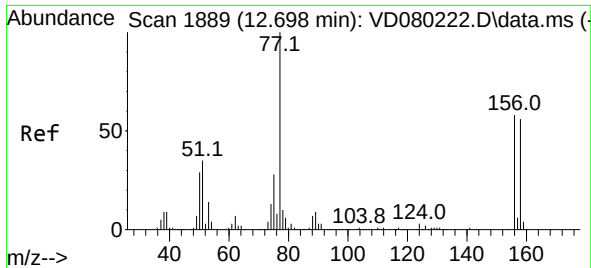
Tgt Ion: 83 Resp: 6917
 Ion Ratio Lower Upper
 83 100
 131 9.1 4.9 14.6
 85 62.6 32.4 97.0



#76
 1,2,3-Trichloropropane
 Concen: 8.327 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion: 75 Resp: 8470
 Ion Ratio Lower Upper
 75 100
 77 183.2 0.0 0.0#

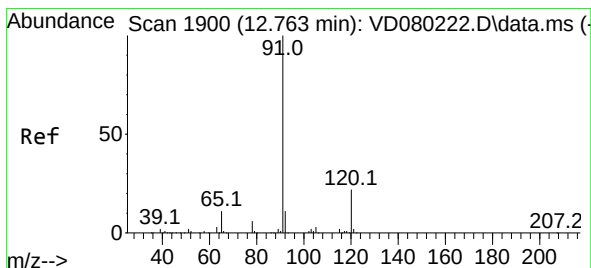
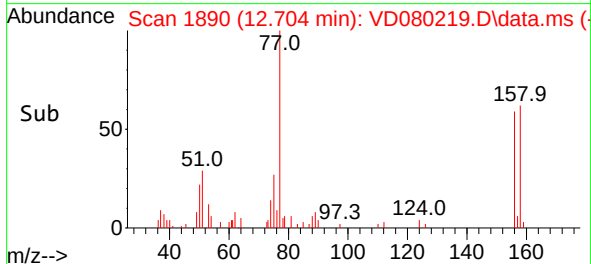
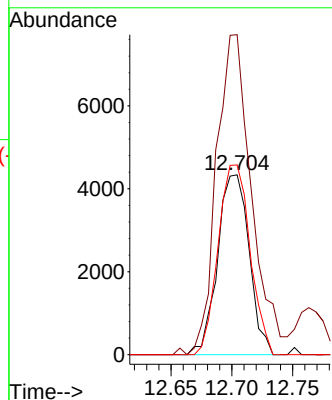
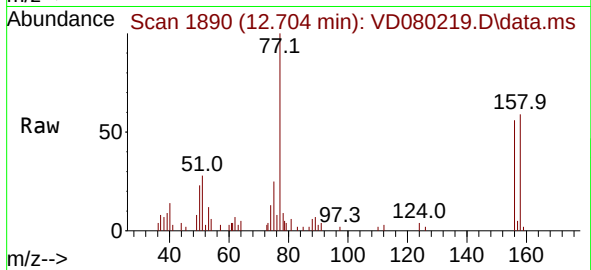




#77
Bromobenzene
Concen: 4.461 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

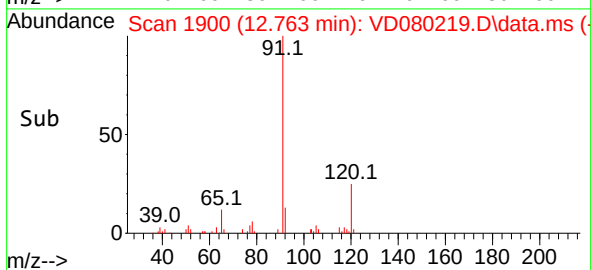
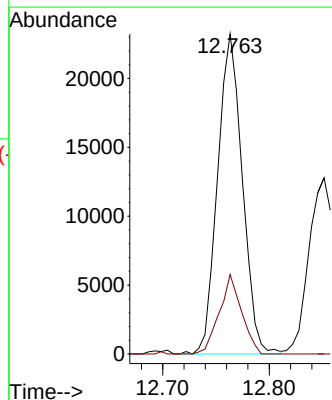
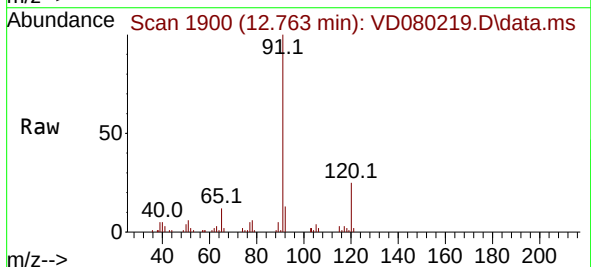
Instrument :
MSVOA_D
ClientSampleId :

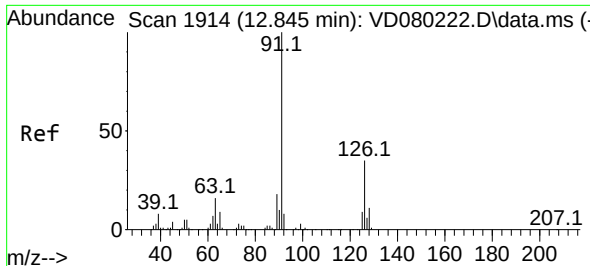
Tgt Ion:156 Resp: 7827
Ion Ratio Lower Upper
156 100
77 198.3 95.2 285.4
158 106.8 47.8 143.3



#78
n-propylbenzene
Concen: 4.321 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 91 Resp: 37418
Ion Ratio Lower Upper
91 100
120 22.3 11.0 33.0

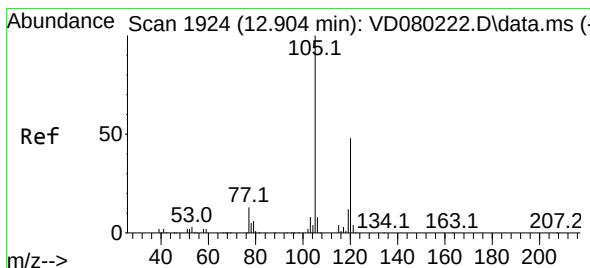
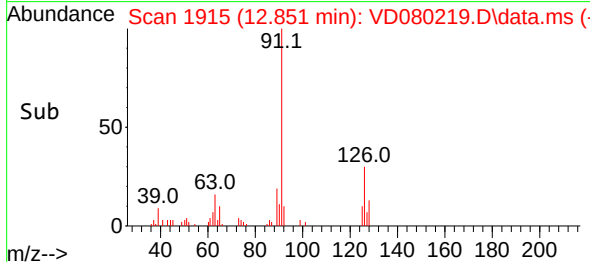
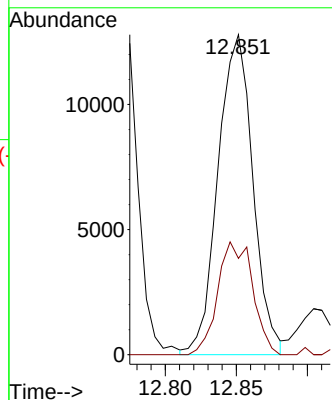
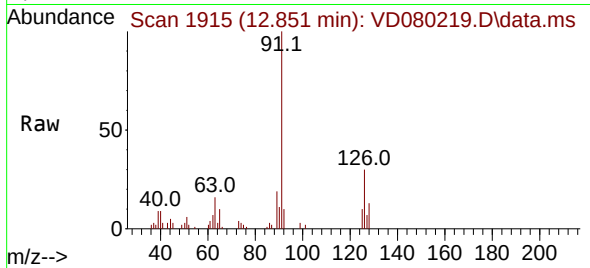




#79
2-Chlorotoluene
Concen: 4.441 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

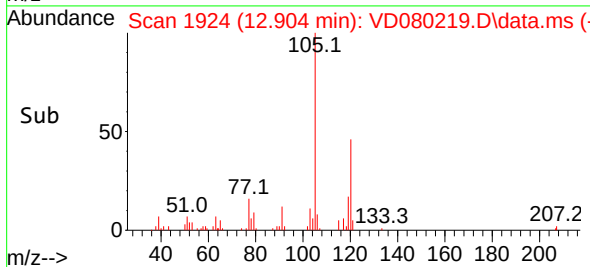
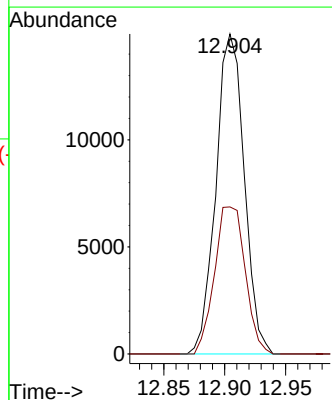
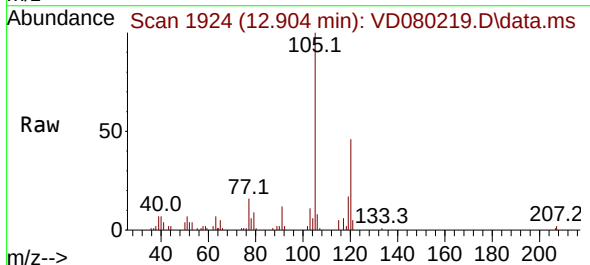
Instrument :
MSVOA_D
ClientSampleId :

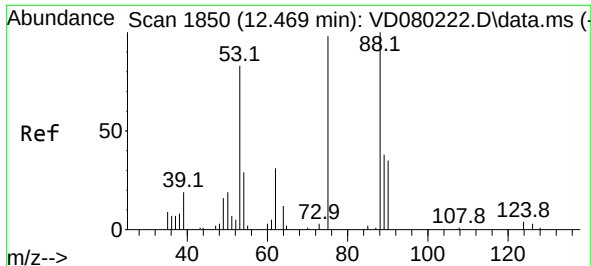
Tgt Ion: 91 Resp: 21852
Ion Ratio Lower Upper
91 100
126 35.2 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 4.249 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 105 Resp: 24173
Ion Ratio Lower Upper
105 100
120 49.9 23.5 70.5

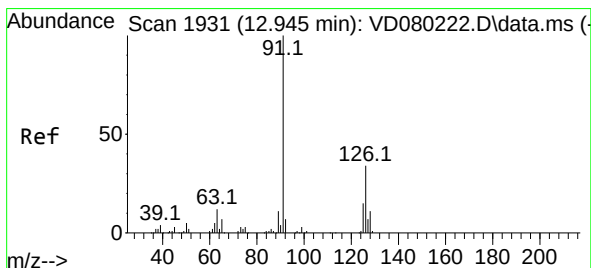
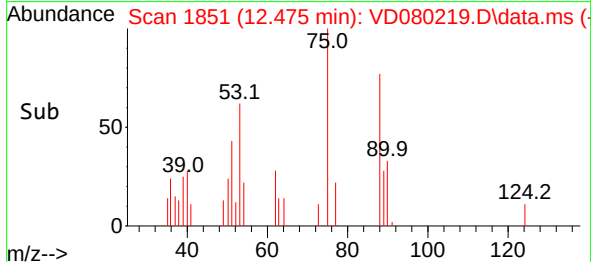
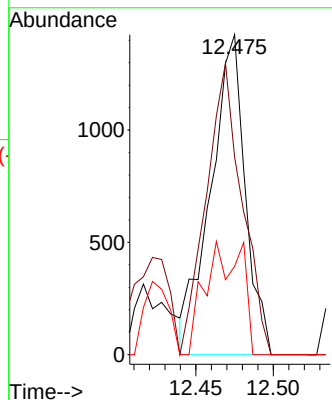
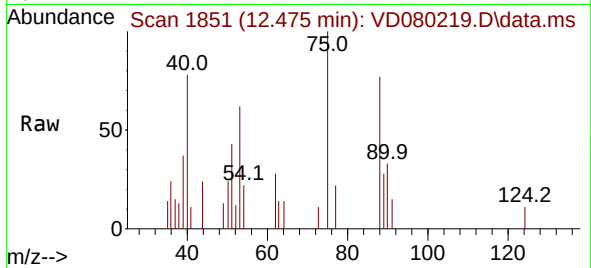




#81
trans-1,4-Dichloro-2-butene
Concen: 4.459 ug/l
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

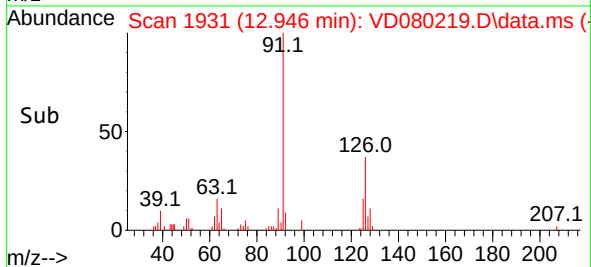
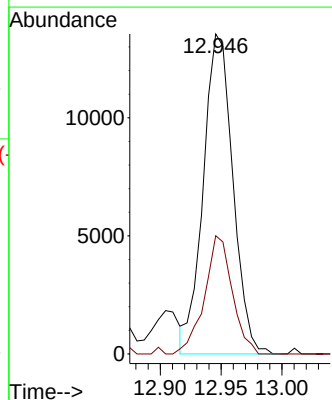
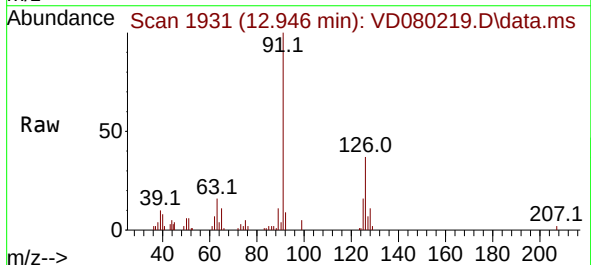
Instrument :
MSVOA_D
ClientSampleId :

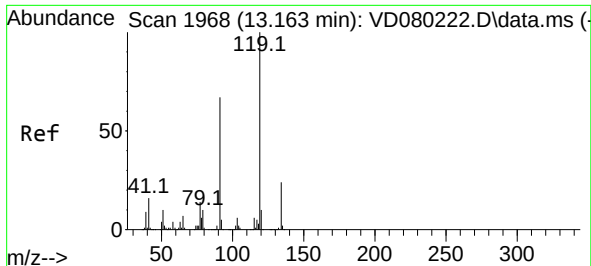
Tgt Ion: 75 Resp: 2218
Ion Ratio Lower Upper
75 100
53 94.0 69.1 103.7
89 36.9 36.5 54.7



#82
4-Chlorotoluene
Concen: 4.392 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion: 91 Resp: 22963
Ion Ratio Lower Upper
91 100
126 34.6 16.9 50.6

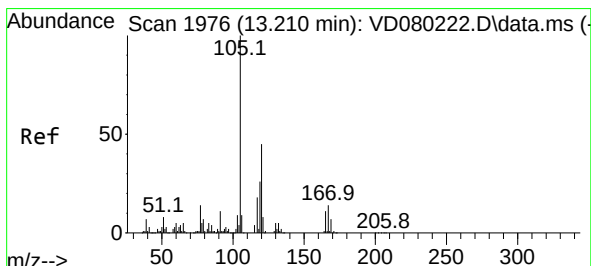
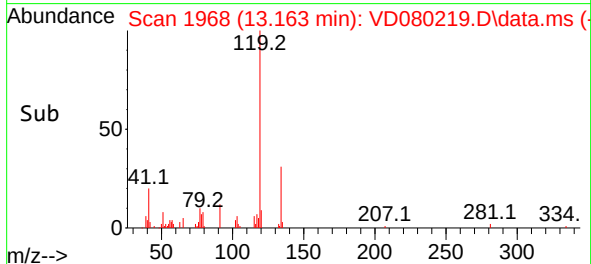
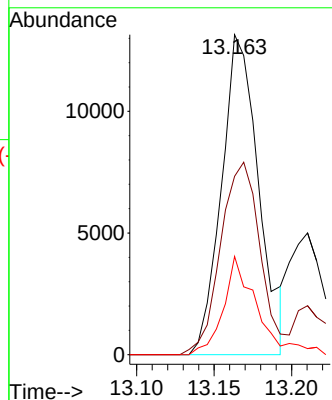
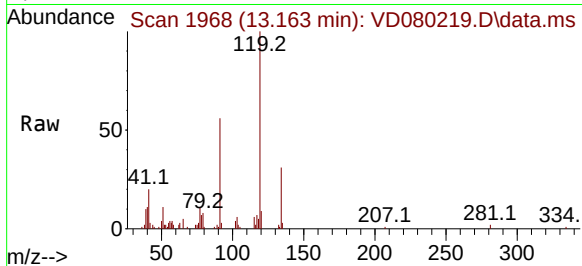




#83
tert-Butylbenzene
Concen: 4.705 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

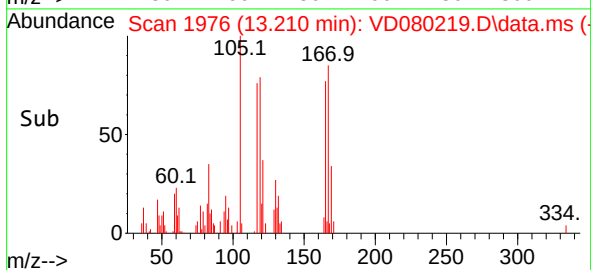
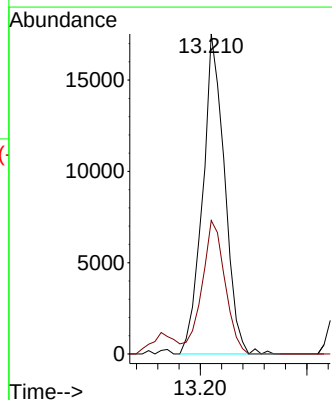
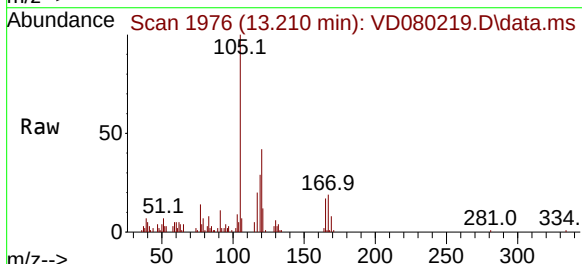
Instrument :
MSVOA_D
ClientSampleId :

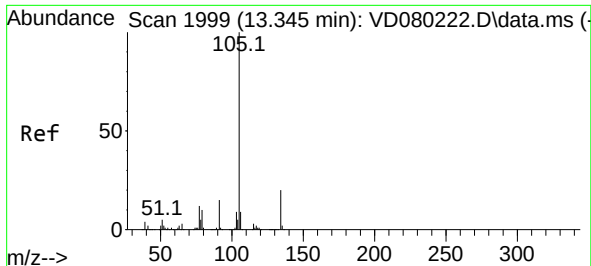
Tgt Ion:119 Resp: 21883
Ion Ratio Lower Upper
119 100
91 64.9 34.5 103.5
134 27.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 4.328 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Tgt Ion:105 Resp: 25062
Ion Ratio Lower Upper
105 100
120 43.9 22.1 66.5

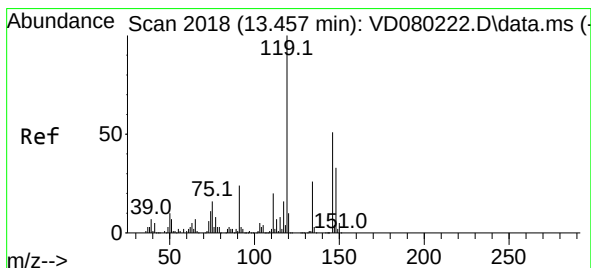
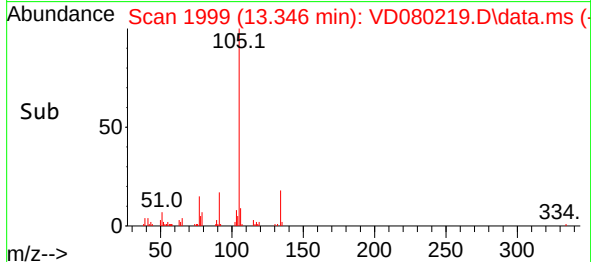
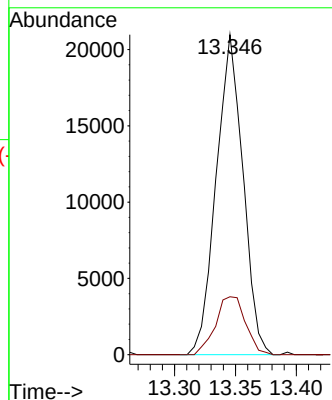
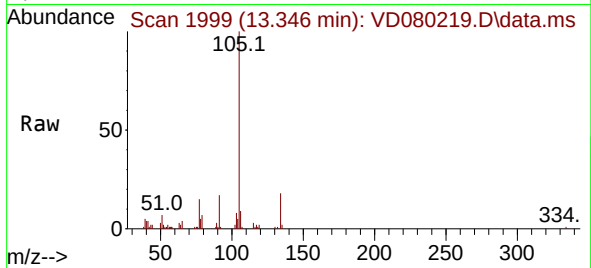




#85
 sec-Butylbenzene
 Concen: 4.506 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

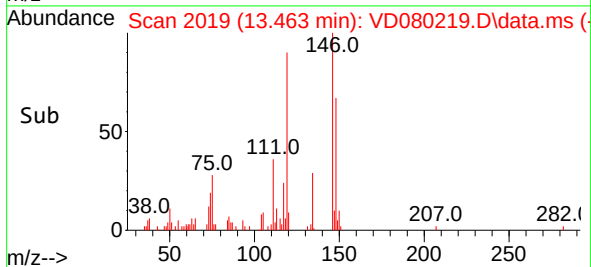
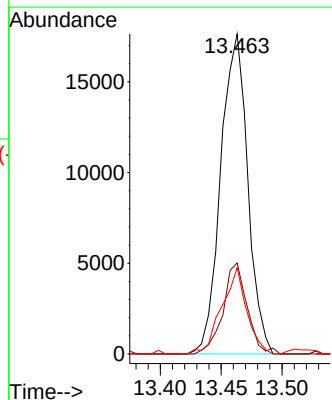
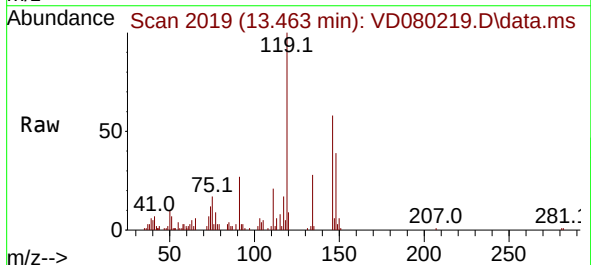
Instrument :
 MSVOA_D
 ClientSampleId :

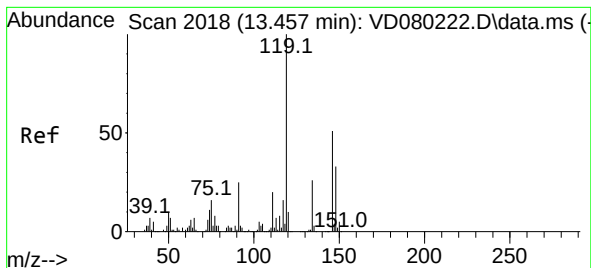
Tgt Ion:105 Resp: 32039
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 4.484 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

Tgt Ion:119 Resp: 27223
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.3 39.9
 91 24.9 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 4.915 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

Instrument :

MSVOA_D

ClientSampleId :

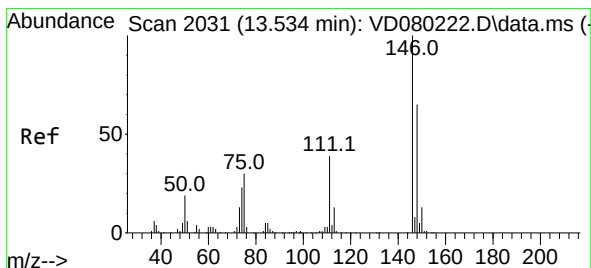
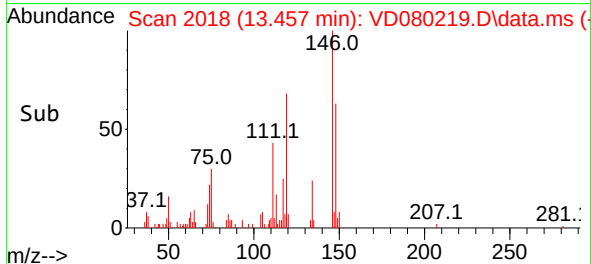
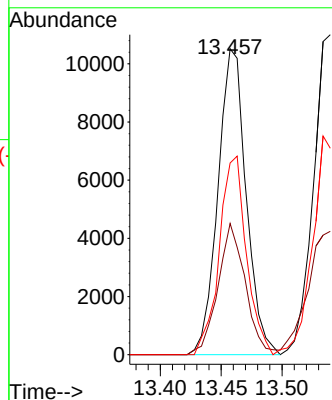
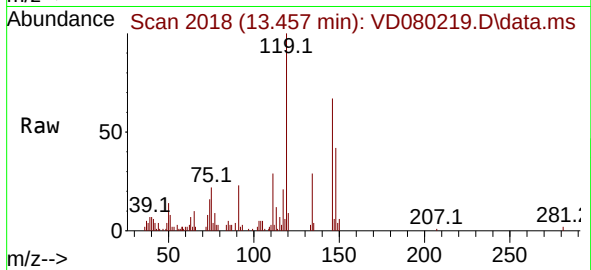
Tgt Ion:146 Resp: 16985

Ion Ratio Lower Upper

146 100

111 41.8 20.5 61.6

148 62.5 32.2 96.6



#88

1,4-Dichlorobenzene

Concen: 5.245 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.006 min

Lab File: VD080219.D

Acq: 03 Feb 2025 10:27

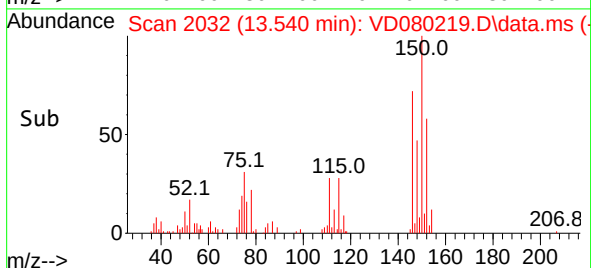
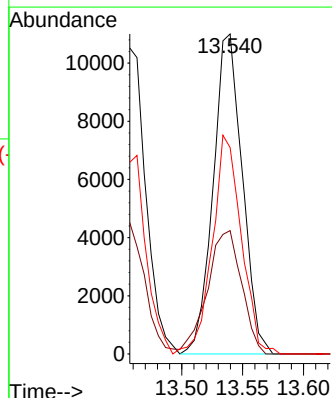
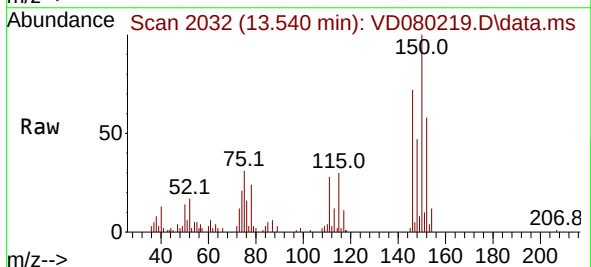
Tgt Ion:146 Resp: 18347

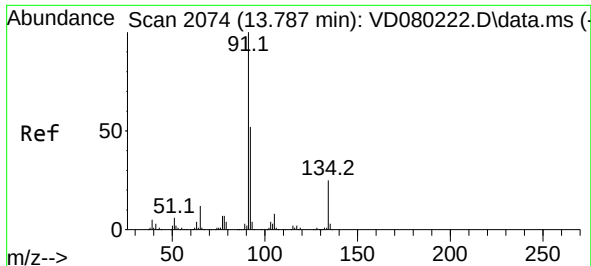
Ion Ratio Lower Upper

146 100

111 45.2 19.7 59.0

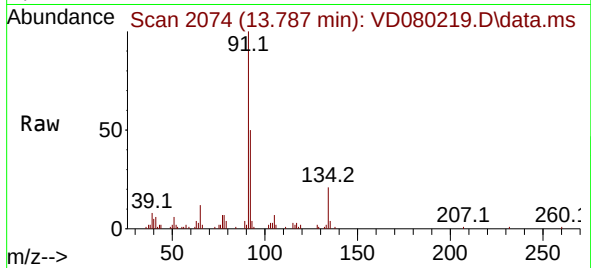
148 67.9 32.3 96.8



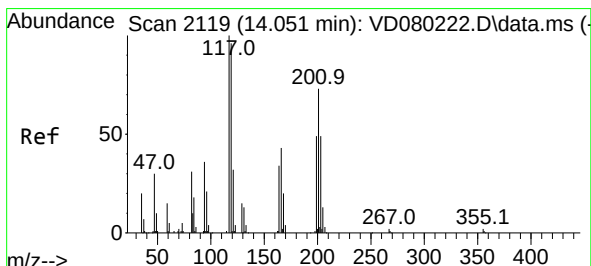
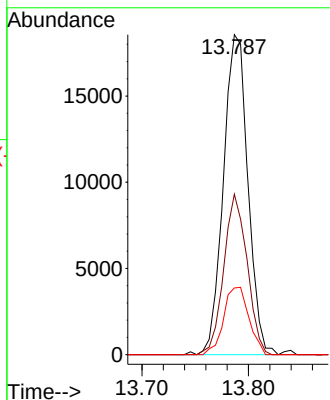
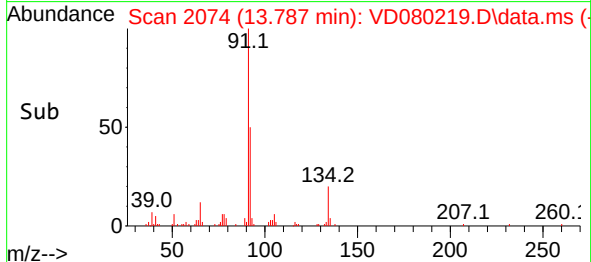


#89
n-Butylbenzene
Concen: 5.037 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

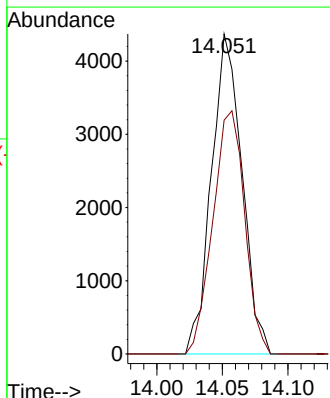
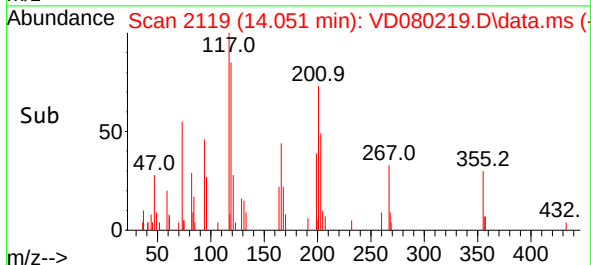
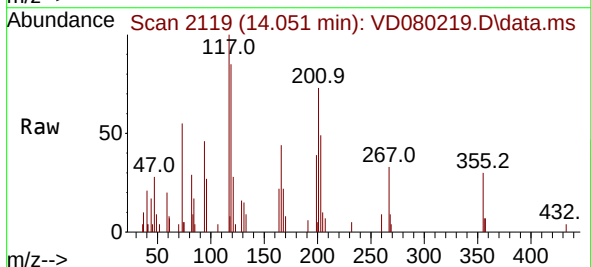


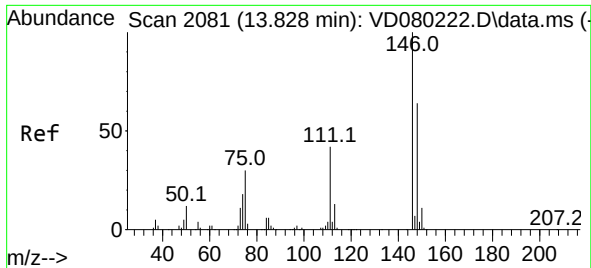
Tgt Ion: 91 Resp: 29720
Ion Ratio Lower Upper
91 100
92 47.7 26.1 78.2
134 21.7 12.4 37.0



#90
Hexachloroethane
Concen: 5.245 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

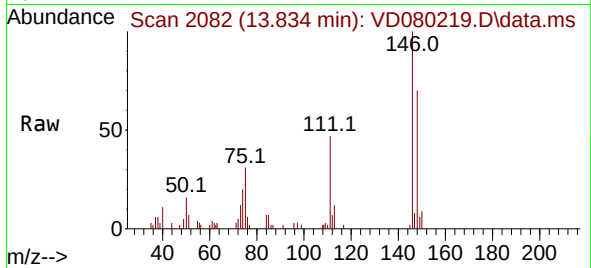
Tgt Ion: 117 Resp: 7078
Ion Ratio Lower Upper
117 100
201 79.1 36.0 108.0



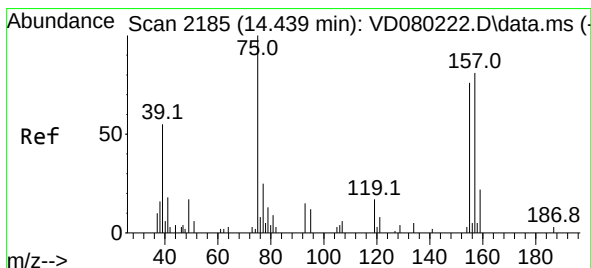
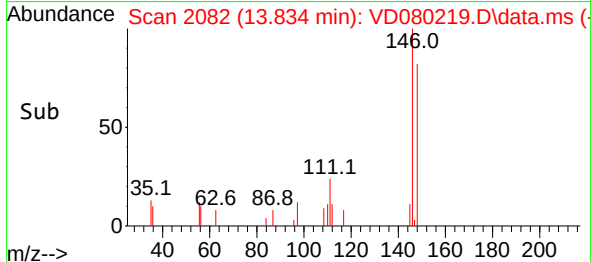
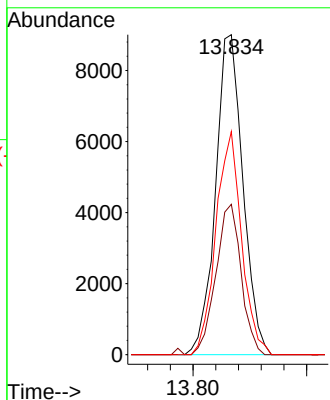


#91
1,2-Dichlorobenzene
Concen: 4.948 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

Instrument :
MSVOA_D
ClientSampleId :

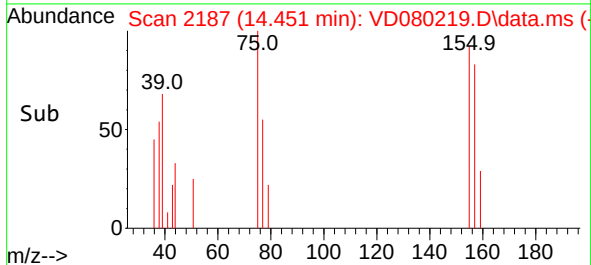
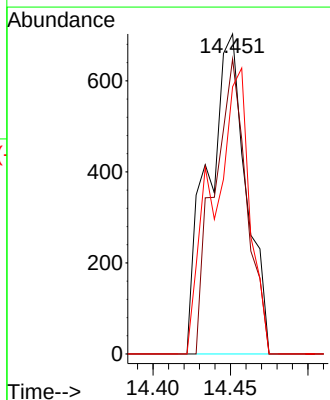
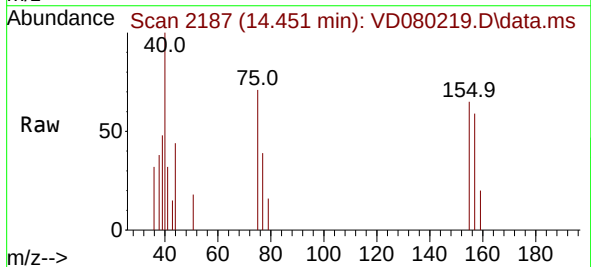


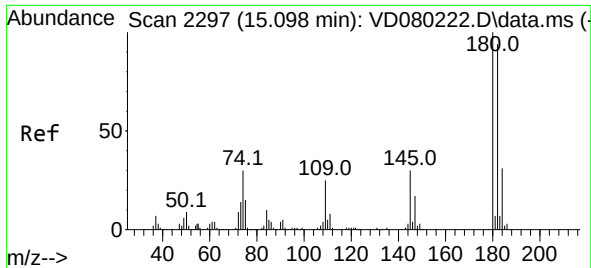
Tgt Ion:146 Resp: 15067
Ion Ratio Lower Upper
146 100
111 43.4 21.0 63.0
148 65.4 32.5 97.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.351 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.012 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

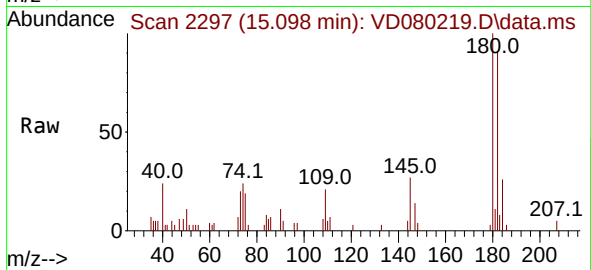
Tgt Ion: 75 Resp: 1205
Ion Ratio Lower Upper
75 100
155 78.8 41.5 124.6
157 85.6 50.5 151.5



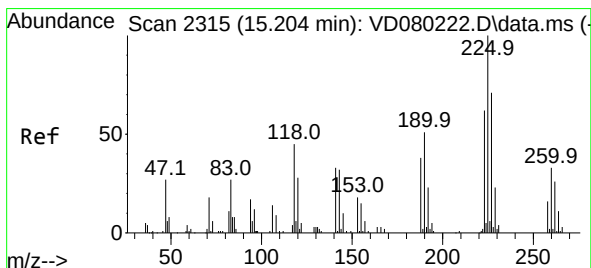
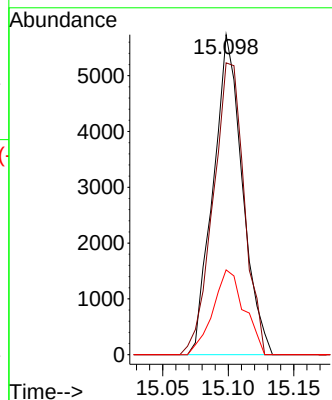
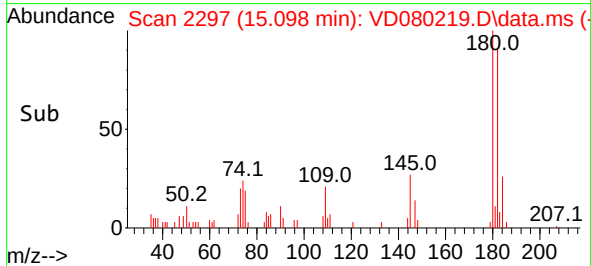


#93
 1,2,4-Trichlorobenzene
 Concen: 4.578 ug/l
 RT: 15.098 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27

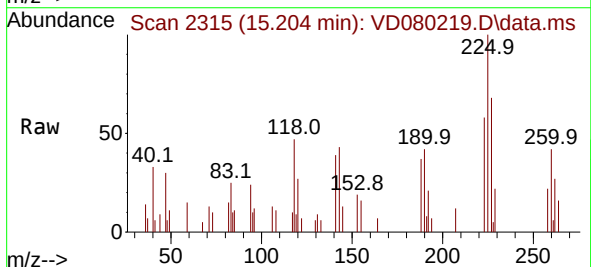
Instrument :
 MSVOA_D
 ClientSampleId :



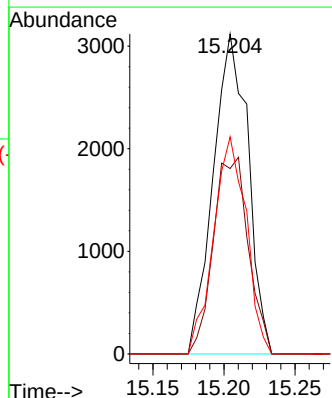
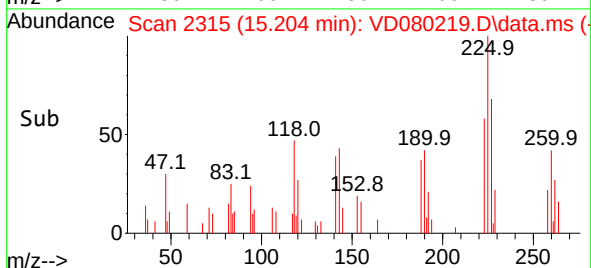
Tgt Ion:180 Resp: 8886
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.5
 145 28.5 14.6 44.0

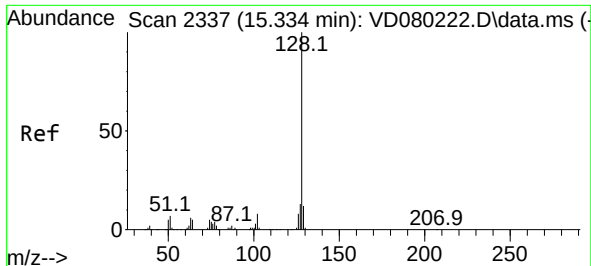


#94
 Hexachlorobutadiene
 Concen: 5.063 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD080219.D
 Acq: 03 Feb 2025 10:27



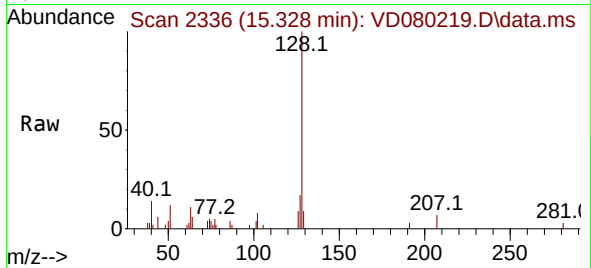
Tgt Ion:225 Resp: 5322
 Ion Ratio Lower Upper
 225 100
 223 61.9 31.3 93.8
 227 63.4 32.4 97.2



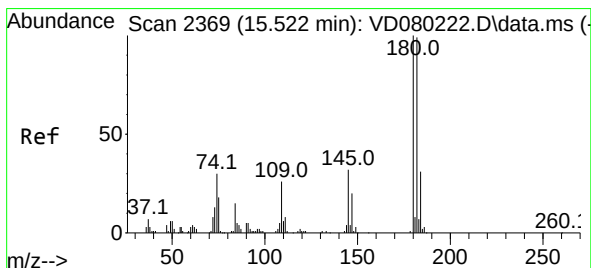
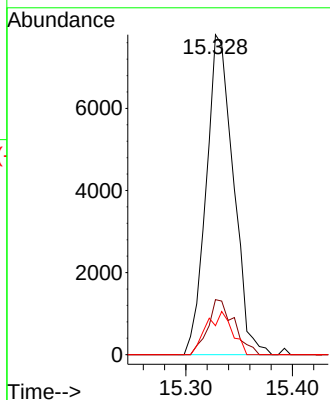
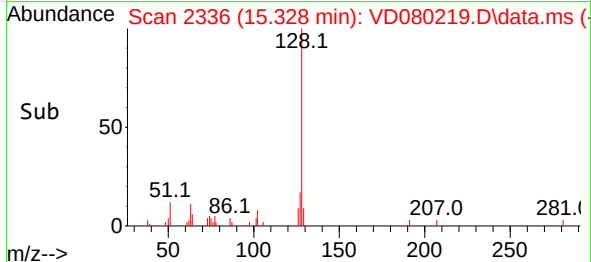


#95
Naphthalene
Concen: 4.179 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27

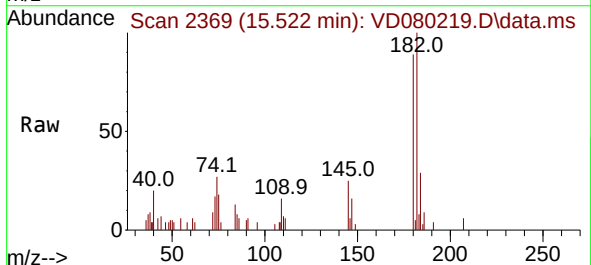
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 13776
Ion Ratio Lower Upper
128 100
127 17.2 10.6 15.8#
129 9.1 9.4 14.0#



#96
1,2,3-Trichlorobenzene
Concen: 4.376 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080219.D
Acq: 03 Feb 2025 10:27



Tgt Ion:180 Resp: 7665
Ion Ratio Lower Upper
180 100
182 103.1 47.3 142.0
145 29.0 15.6 46.7

