

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111424\
 Data File : VD080009.D
 Acq On : 14 Nov 2024 16:21
 Operator : RP/MD
 Sample : VSTDCCC025EC
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 15 03:42:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM111224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	234501	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	231501	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	127878	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	49508	14.164	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.640%
7) Chloroethane-d5	2.811	69	47146	16.280	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.120%
11) 1,1-Dichloroethene-d2	3.928	65	29246	20.410	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.640%
21) 2-Butanone-d5	6.993	46	40237	54.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.340%
24) Chloroform-d	7.569	84	178757	26.840	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	107.360%
26) 1,2-Dichloroethane-d4	8.234	65	97340	26.953	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.800%
32) Benzene-d6	8.199	84	350720	26.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.360%
36) 1,2-Dichloropropane-d6	9.204	67	116398	27.101	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.400%
41) Toluene-d8	10.269	98	329302	27.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.680%
43) trans-1,3-Dichloroprop...	10.528	79	49184	28.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.800%
47) 2-Hexanone-d5	10.875	63	43653	69.032	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	138.060%#
56) 1,1,2,2-Tetrachloroeth...	12.651	84	107721	31.312	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	125.240%#
66) 1,2-Dichlorobenzene-d4	13.816	152	118727	26.791	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	82087	23.020	ug/L	98
3) Chloromethane	2.152	50	51954	17.813	ug/L	95
5) Vinyl chloride	2.293	62	61816	16.881	ug/L	92
6) Bromomethane	2.699	94	51125	19.761	ug/L	98
8) Chloroethane	2.852	64	40473	17.358	ug/L	100
9) Trichlorofluoromethane	3.181	101	149406	24.395	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	58302	15.742	ug/L #	45
12) 1,1-Dichloroethene	3.946	96	79905	25.432	ug/L	84
13) Acetone	4.022	43	49755	56.997	ug/L	100
14) Carbon disulfide	4.275	76	232034	22.109	ug/L	98
15) Methyl Acetate	4.564	43	34977	25.541	ug/L #	78
16) Methylene chloride	4.805	84	96748	24.865	ug/L	90
17) trans-1,2-Dichloroethene	5.322	96	89650	25.916	ug/L	94
18) Methyl tert-butyl Ether	5.316	73	194356	28.885	ug/L #	94
19) 1,1-Dichloroethane	6.116	63	155004	23.983	ug/L #	96
20) cis-1,2-Dichloroethene	7.081	96	104472	27.685	ug/L	89
22) 2-Butanone	7.081	43	56850	54.872	ug/L	94
23) Bromochloromethane	7.428	128	54452	29.057	ug/L	95
25) Chloroform	7.599	83	210280	28.145	ug/L	95

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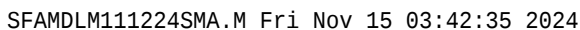
Instrument :
 MSVOA_D
 ClientSampleId :

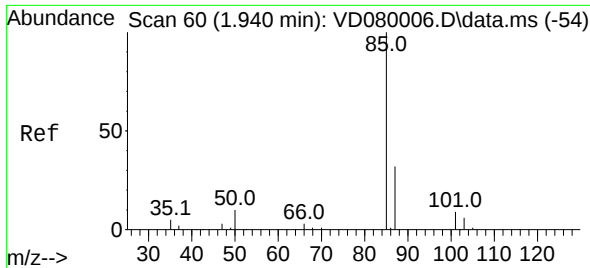
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 Quant Title : SFAM01.0
 QLast Update : Fri Nov 15 03:41:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	120894	27.710	ug/L	96
29) Cyclohexane	7.881	56	128396	25.655	ug/L	98
30) 1,1,1-Trichloroethane	7.793	97	157430	26.576	ug/L	99
31) Carbon tetrachloride	7.993	117	139789	26.876	ug/L	99
33) Benzene	8.252	78	399427	27.609	ug/L	100
34) Trichloroethene	9.028	95	104040	26.817	ug/L	97
35) Methylcyclohexane	9.275	83	147448	26.003	ug/L	99
37) 1,2-Dichloropropane	9.304	63	111254	27.529	ug/L	100
38) Bromodichloromethane	9.587	83	146809	28.507	ug/L	98
39) cis-1,3-Dichloropropene	10.016	75	164941	28.253	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	123252	64.592	ug/L	99
42) Toluene	10.334	91	449306	28.431	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	147830	29.399	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	90949	29.540	ug/L	96
46) Tetrachloroethene	10.810	164	84460	25.594	ug/L	94
48) 2-Hexanone	10.922	43	104430	67.869	ug/L	99
49) Dibromochloromethane	11.075	129	103643	28.583	ug/L	98
50) 1,2-Dibromoethane	11.175	107	83800	29.831	ug/L	99
51) Chlorobenzene	11.604	112	288101	27.807	ug/L	95
52) Ethylbenzene	11.681	91	479000	28.086	ug/L	100
53) m,p-Xylene	11.793	106	186780	29.208	ug/L	91
54) o-Xylene	12.122	106	177027	29.044	ug/L	95
55) Styrene	12.134	104	329520	30.051	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.675	83	107727	30.124	ug/L	99
59) Bromoform	12.298	173	68838	29.167	ug/L	99
60) Isopropylbenzene	12.422	105	473385	27.081	ug/L	99
61) 1,2,3-Trichloropropane	12.722	75	73794	29.607	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	373368	27.197	ug/L	100
63) 1,2,4-Trimethylbenzene	13.210	105	375735	27.488	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	232032	27.042	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	242139	26.939	ug/L	98
67) 1,2-Dichlorobenzene	13.828	146	214443	27.050	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	16360	30.121	ug/L	93
69) 1,3,5-Trichlorobenzene	14.592	180	153902	26.554	ug/L	100
70) 1,2,4-trichlorobenzene	15.098	180	128189	26.249	ug/L	100
71) Naphthalene	15.334	128	240439	28.818	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	125244	29.049	ug/L	98

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

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Response via : Initial Calibration

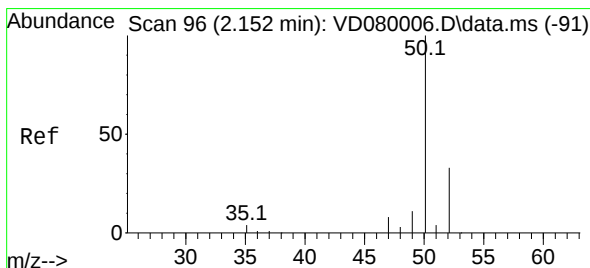
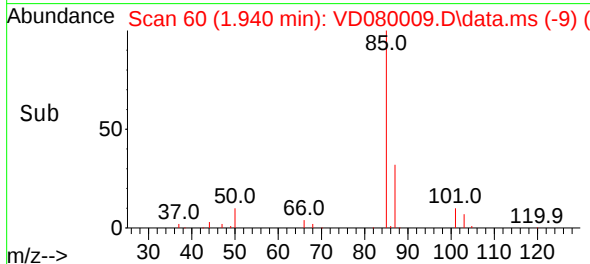
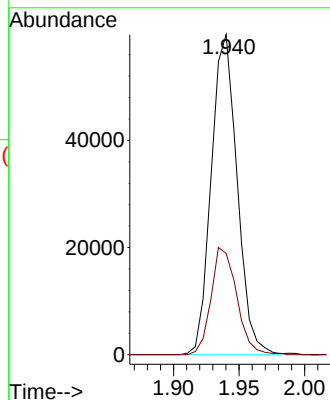
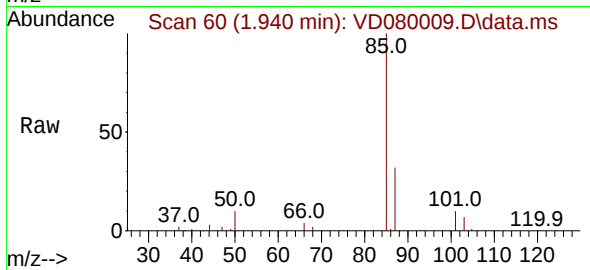




#2
Dichlorodifluoromethane
Concen: 23.020 ug/L
RT: 1.940 min Scan# 60
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

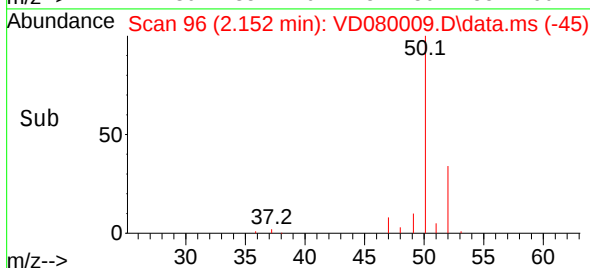
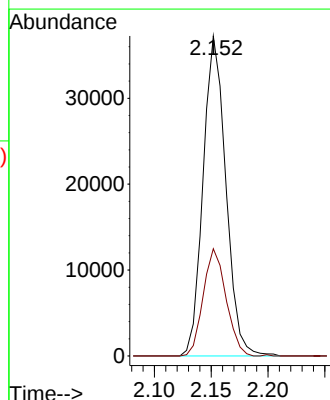
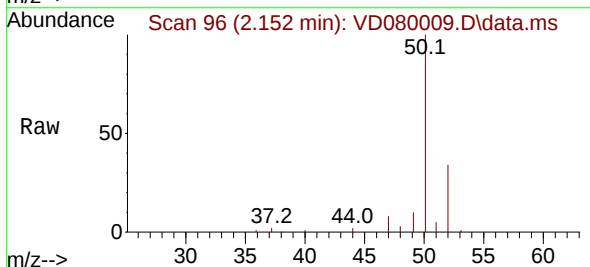
Instrument :
MSVOA_D
ClientSampleId :

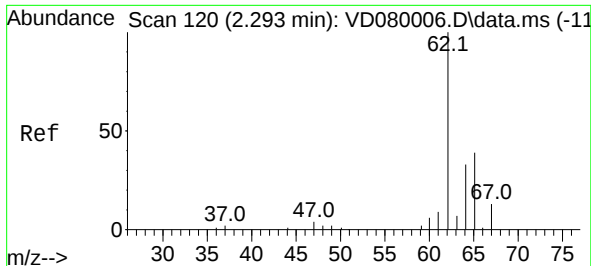
Tgt Ion: 85 Resp: 82087
Ion Ratio Lower Upper
85 100
87 33.2 25.4 38.2



#3
Chloromethane
Concen: 17.813 ug/L
RT: 2.152 min Scan# 96
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 50 Resp: 51954
Ion Ratio Lower Upper
50 100
52 33.5 21.6 40.0

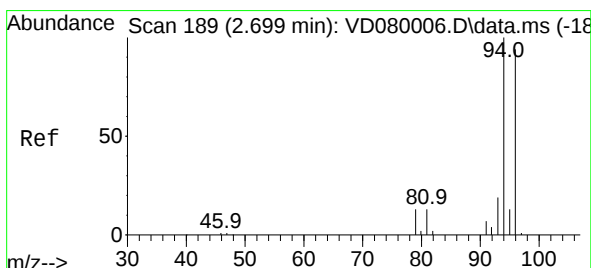
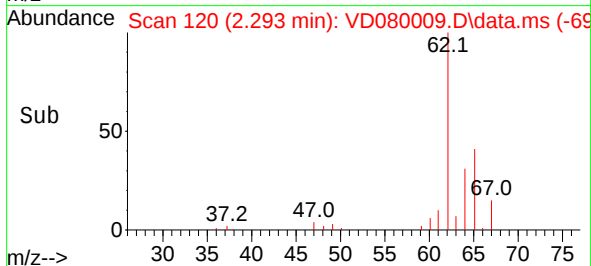
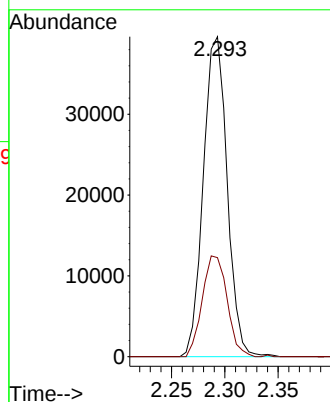
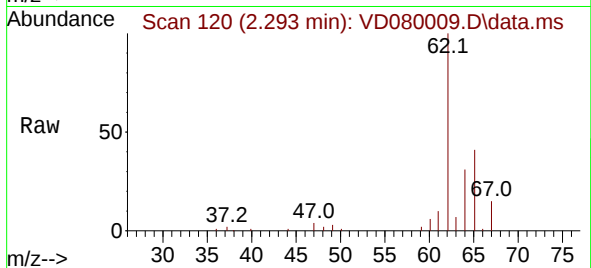




#5
 Vinyl chloride
 Concen: 16.881 ug/L
 RT: 2.293 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD080009.D
 Acq: 14 Nov 2024 16:21

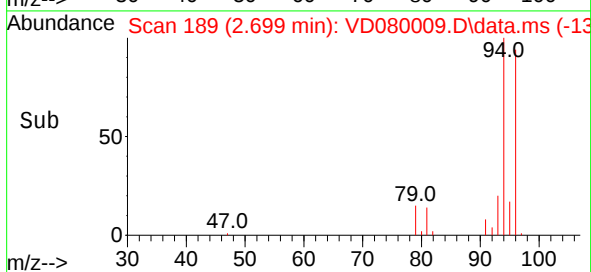
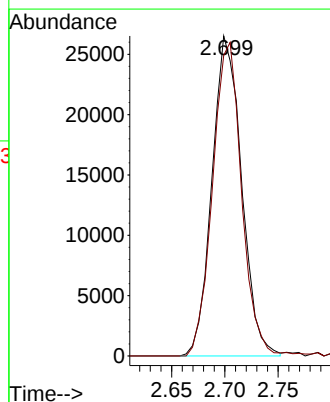
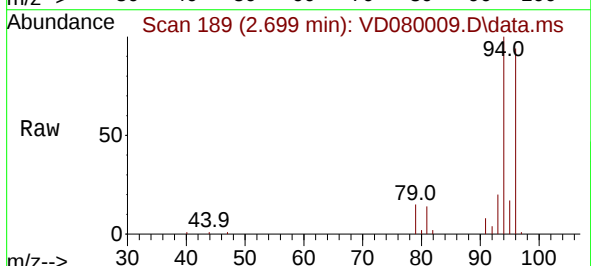
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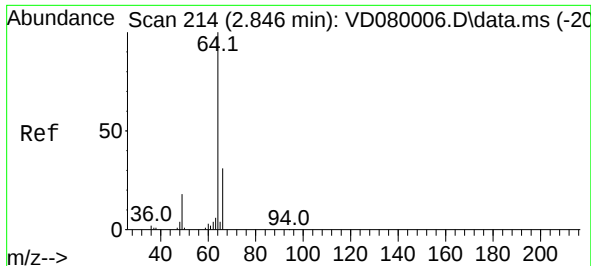
Tgt Ion: 62 Resp: 61816
 Ion Ratio Lower Upper
 62 100
 64 30.9 25.1 46.7



#6
 Bromomethane
 Concen: 19.761 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. 0.000 min
 Lab File: VD080009.D
 Acq: 14 Nov 2024 16:21

Tgt Ion: 94 Resp: 51125
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.5 119.7

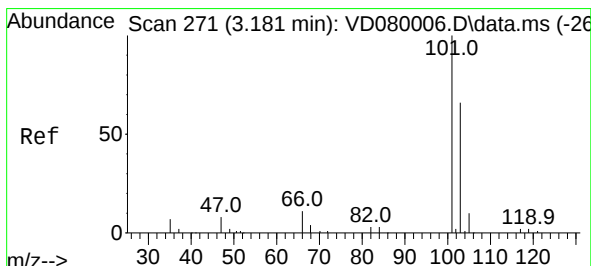
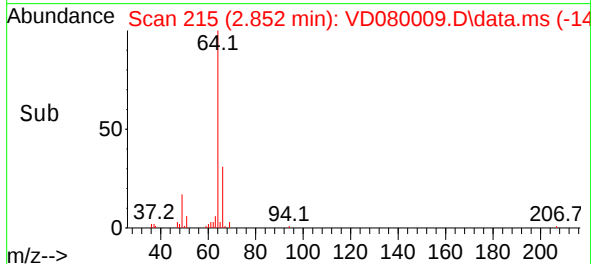
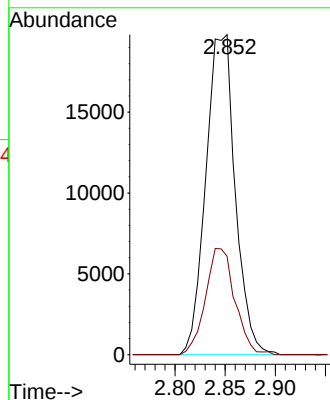
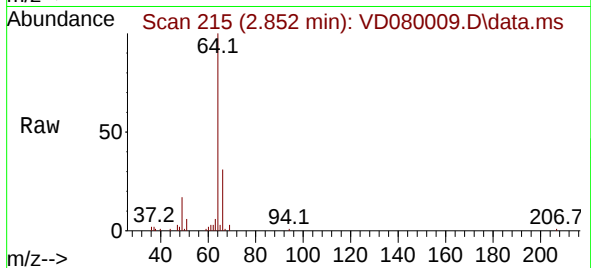




#8
Chloroethane
Concen: 17.358 ug/L
RT: 2.852 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

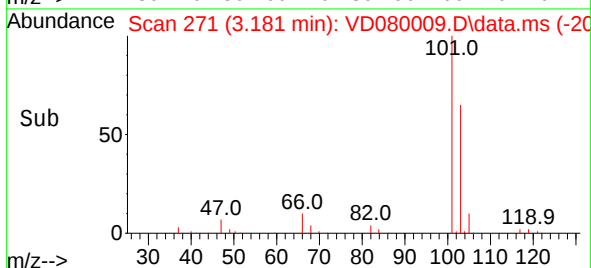
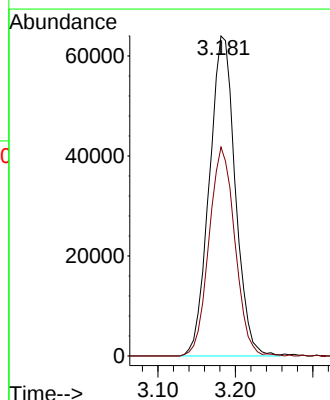
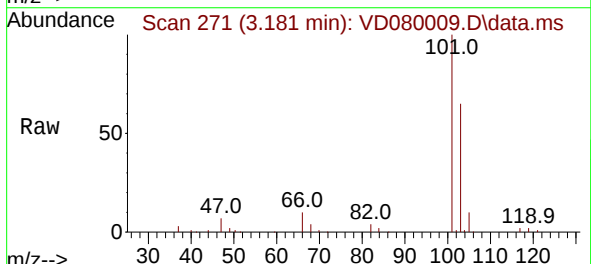
Instrument :
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ClientSampleId :

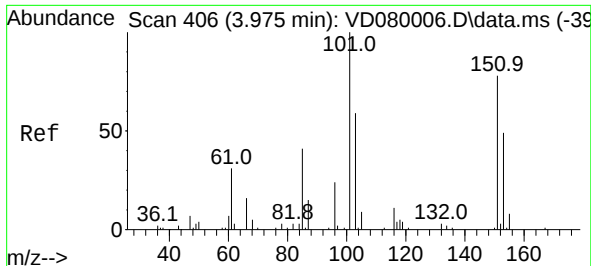
Tgt Ion: 64 Resp: 40473
Ion Ratio Lower Upper
64 100
66 30.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 24.395 ug/L
RT: 3.181 min Scan# 271
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:101 Resp: 149406
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 15.742 ug/L

RT: 3.969 min Scan# 405

Delta R.T. -0.006 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

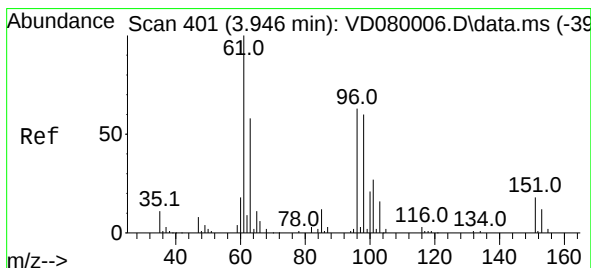
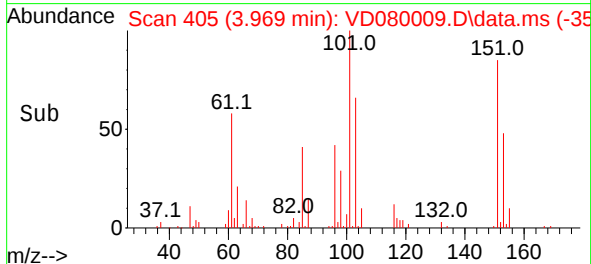
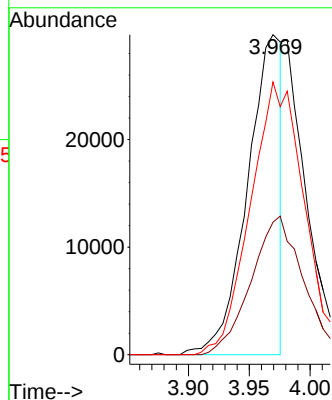
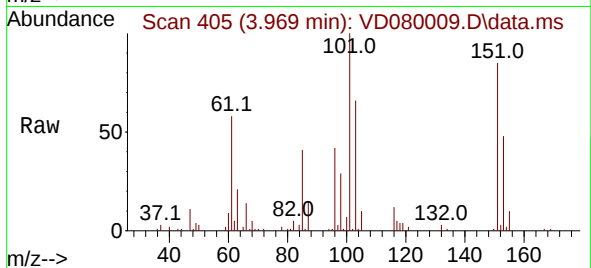
Tgt Ion:101 Resp: 58302

Ion Ratio Lower Upper

101 100

85 65.7 34.9 52.3#

151 133.5 60.7 91.1#



#12

1,1-Dichloroethene

Concen: 25.432 ug/L

RT: 3.946 min Scan# 401

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

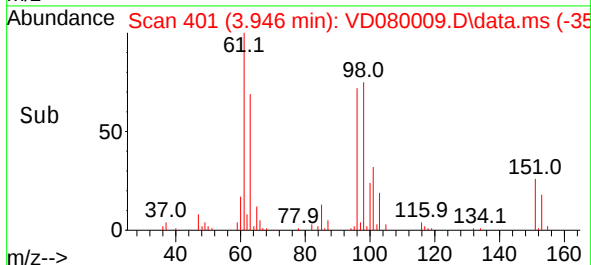
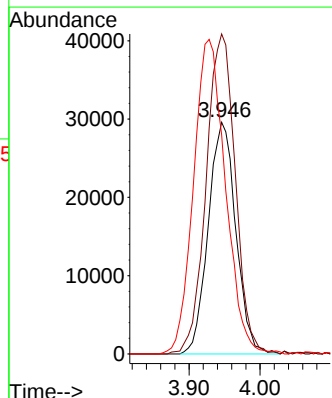
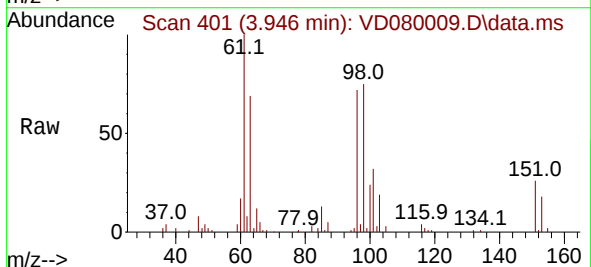
Tgt Ion: 96 Resp: 79905

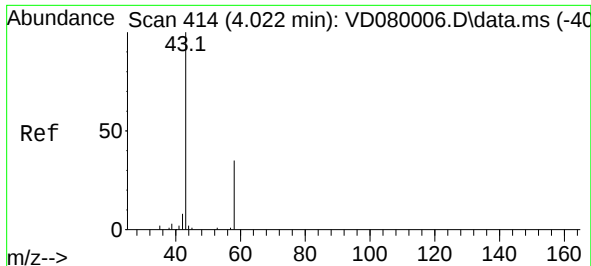
Ion Ratio Lower Upper

96 100

61 138.2 111.2 206.6

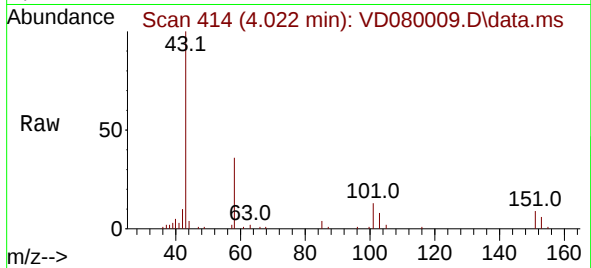
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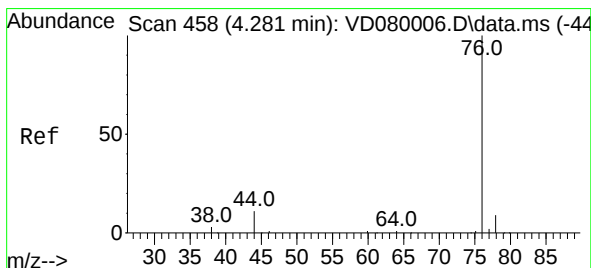
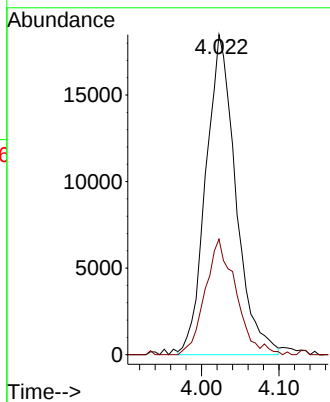
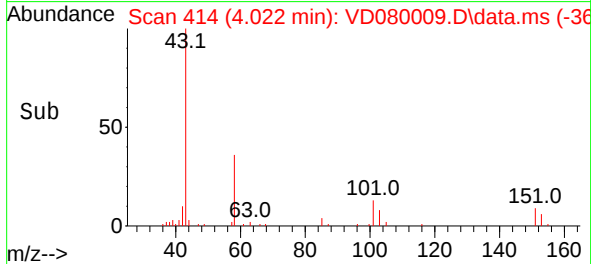


#13
Acetone
Concen: 56.997 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :

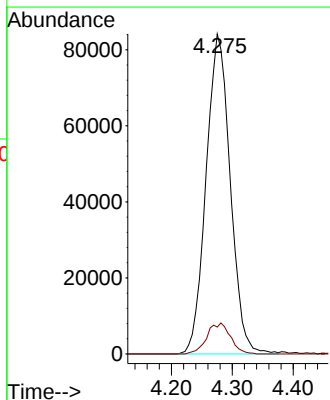
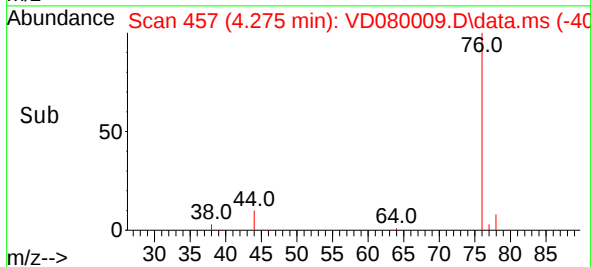
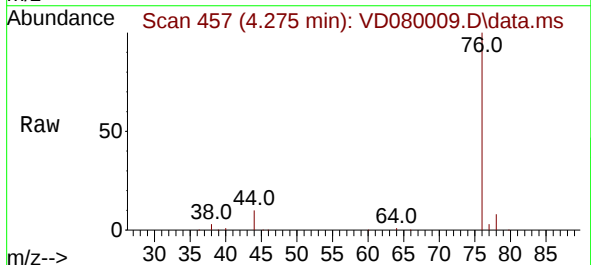


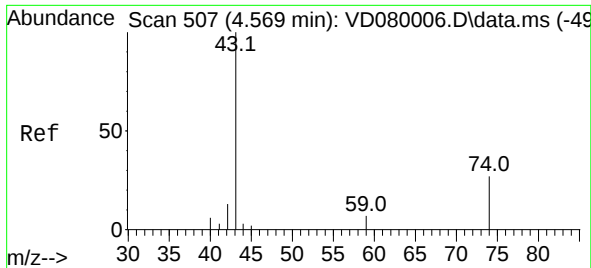
Tgt Ion: 43 Resp: 49755
Ion Ratio Lower Upper
43 100
58 36.1 0.0 71.8



#14
Carbon disulfide
Concen: 22.109 ug/L
RT: 4.275 min Scan# 457
Delta R.T. -0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 76 Resp: 232034
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.2

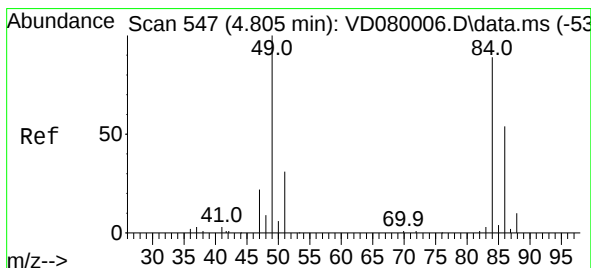
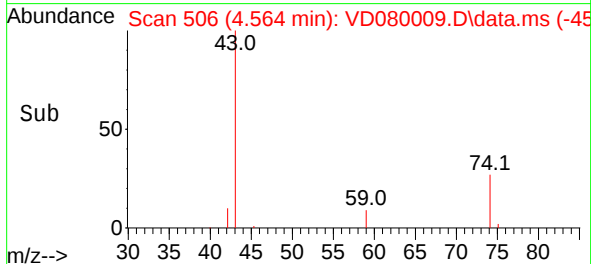
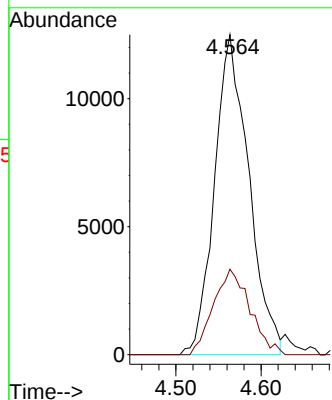
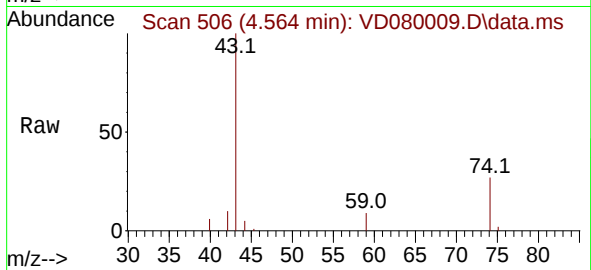




#15
Methyl Acetate
Concen: 25.541 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

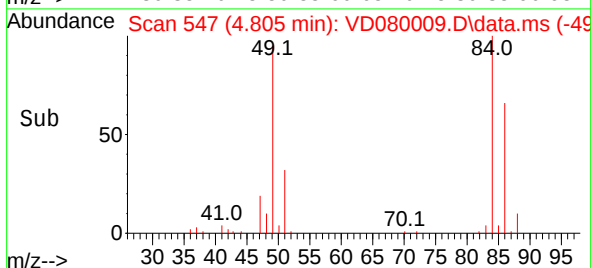
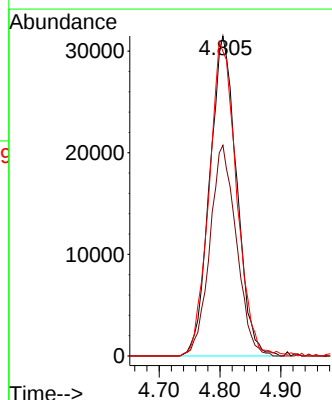
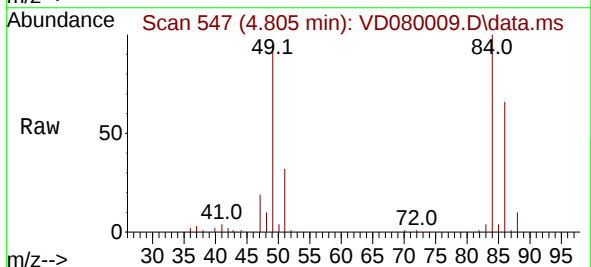
Instrument :
MSVOA_D
ClientSampleId :

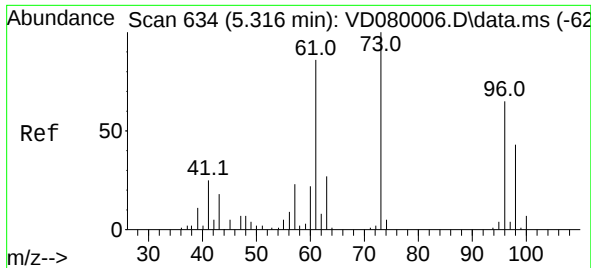
Tgt Ion: 43 Resp: 34977
Ion Ratio Lower Upper
43 100
74 27.9 0.2 0.2#



#16
Methylene chloride
Concen: 24.865 ug/L
RT: 4.805 min Scan# 547
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

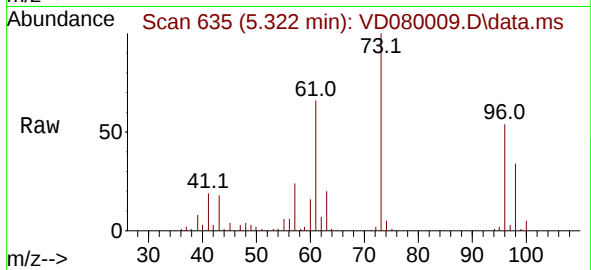
Tgt Ion: 84 Resp: 96748
Ion Ratio Lower Upper
84 100
86 65.9 45.4 84.4
49 95.1 77.3 143.7



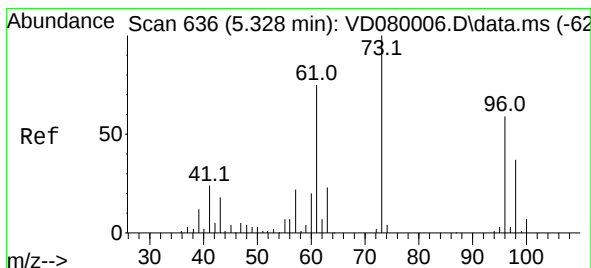
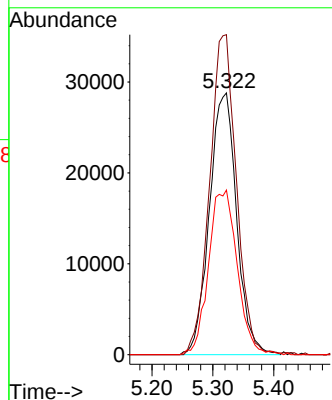
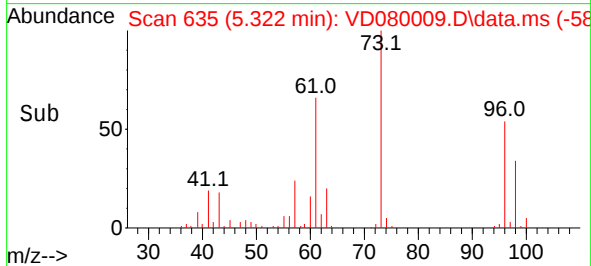


#17
trans-1,2-Dichloroethene
Concen: 25.916 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :

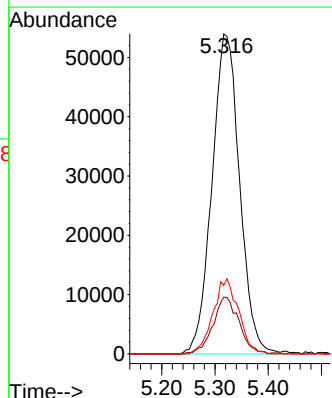
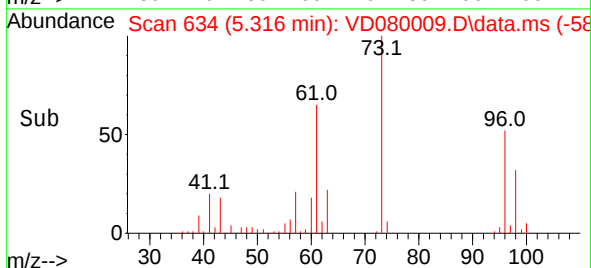
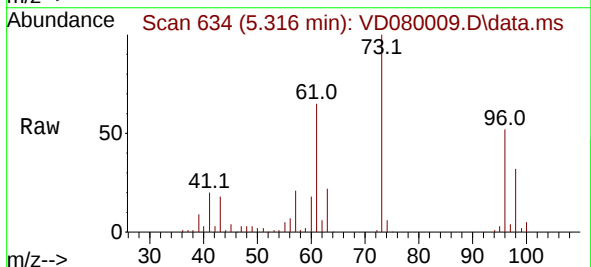


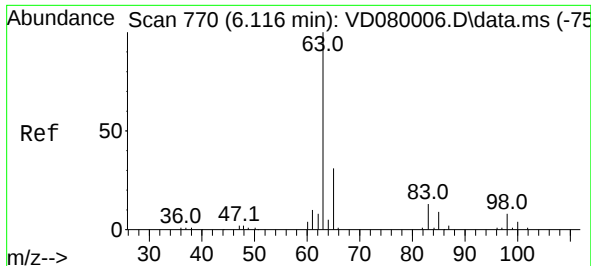
Tgt Ion: 96 Resp: 89650
Ion Ratio Lower Upper
96 100
61 122.2 91.1 169.3
98 62.9 41.6 77.2



#18
Methyl tert-butyl Ether
Concen: 28.885 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.012 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 73 Resp: 194356
Ion Ratio Lower Upper
73 100
43 15.7 16.1 24.1#
57 21.7 18.5 27.7





#19

1,1-Dichloroethane

Concen: 23.983 ug/L

RT: 6.116 min Scan# 71

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

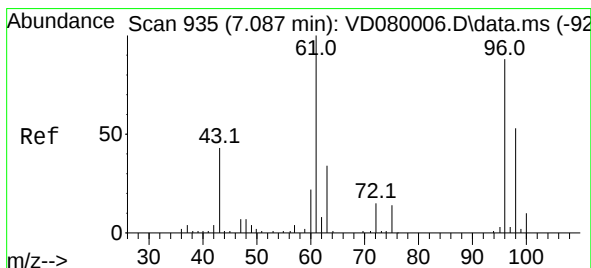
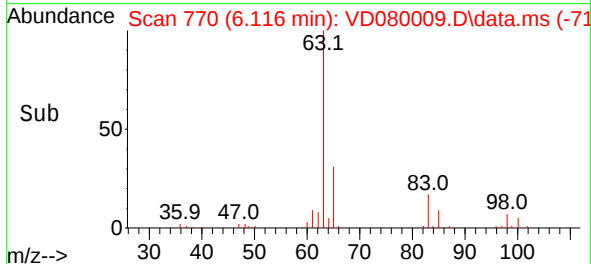
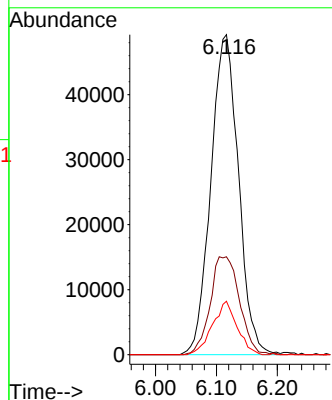
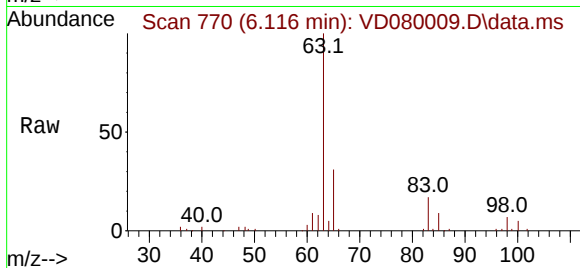
Tgt Ion: 63 Resp: 155004

Ion Ratio Lower Upper

63 100

65 30.6 21.9 40.7

83 16.7 9.0 16.6#



#20

cis-1,2-Dichloroethene

Concen: 27.685 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.006 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

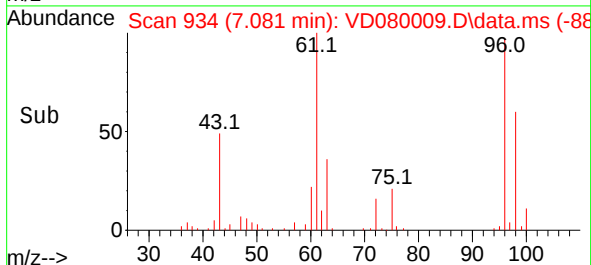
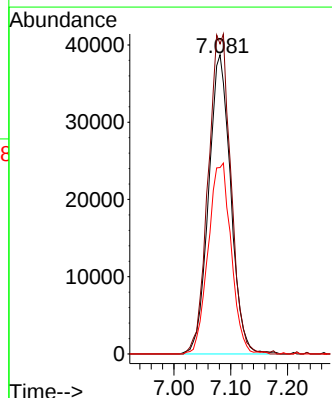
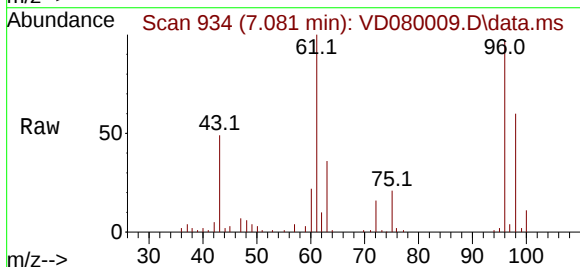
Tgt Ion: 96 Resp: 104472

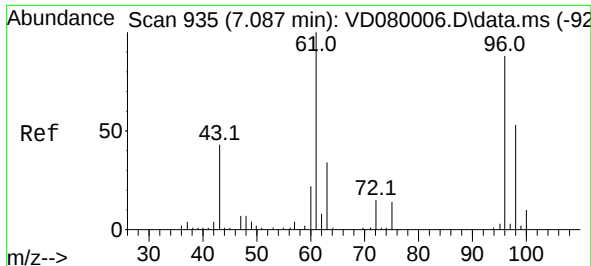
Ion Ratio Lower Upper

96 100

61 103.6 84.8 157.4

98 62.3 44.4 82.5





#22

2-Butanone

Concen: 54.872 ug/L

RT: 7.081 min Scan# 90

Delta R.T. -0.006 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

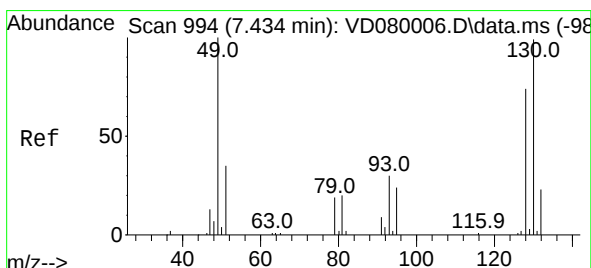
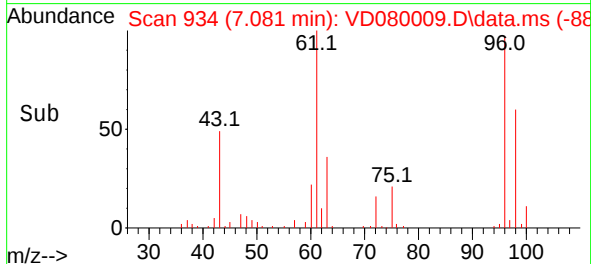
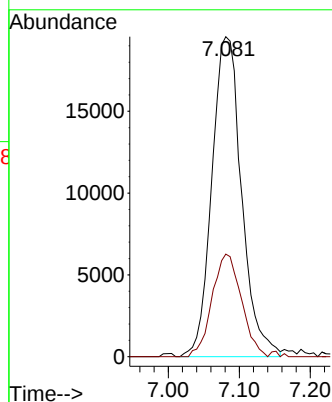
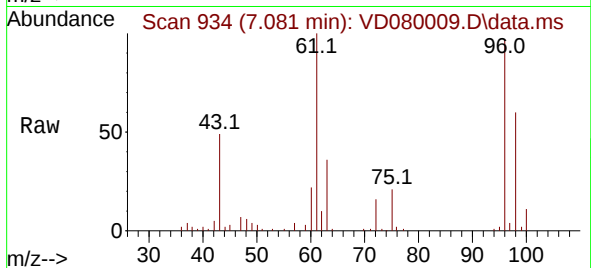
ClientSampleId :

Tgt Ion: 43 Resp: 56850

Ion Ratio Lower Upper

43 100

72 31.5 14.3 42.9



#23

Bromochloromethane

Concen: 29.057 ug/L

RT: 7.428 min Scan# 993

Delta R.T. -0.006 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Tgt Ion:128 Resp: 54452

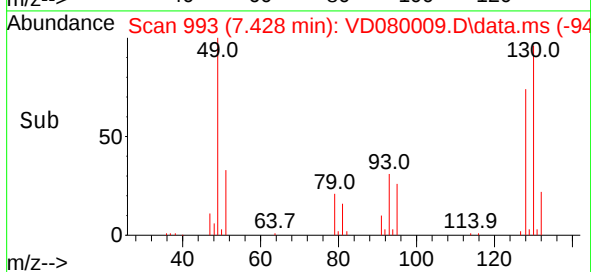
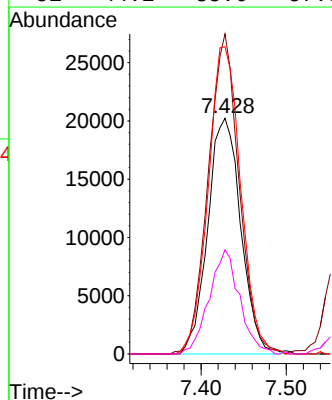
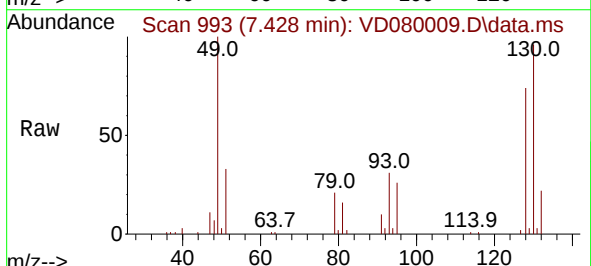
Ion Ratio Lower Upper

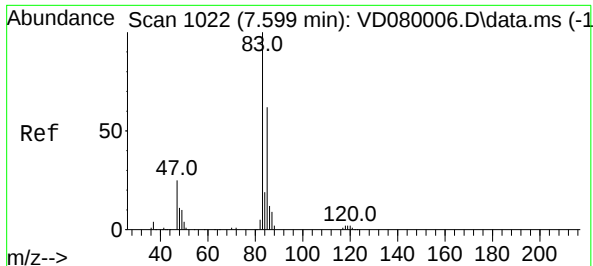
128 100

49 135.7 103.2 191.6

130 130.3 90.6 168.2

51 44.2 38.6 57.8





#25

Chloroform

Concen: 28.145 ug/L

RT: 7.599 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

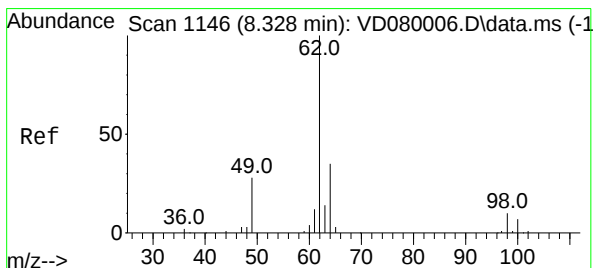
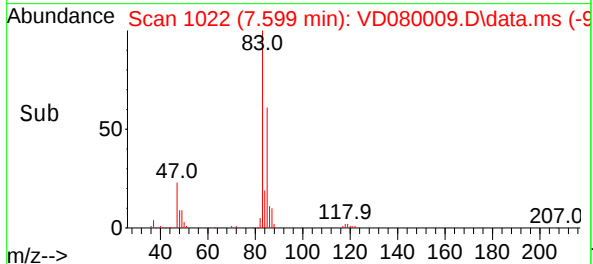
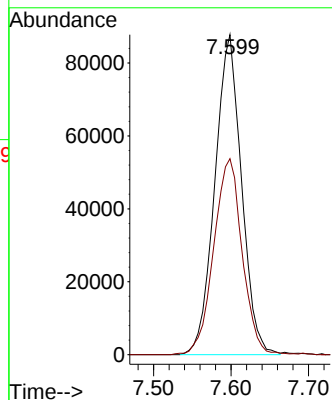
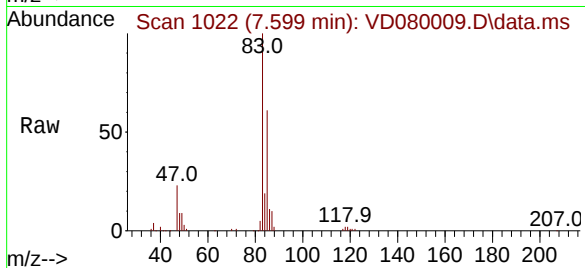
ClientSampleId :

Tgt Ion: 83 Resp: 210280

Ion Ratio Lower Upper

83 100

85 61.3 45.6 84.6



#27

1,2-Dichloroethane

Concen: 27.710 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD080009.D

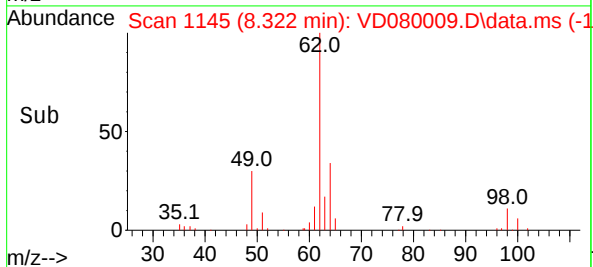
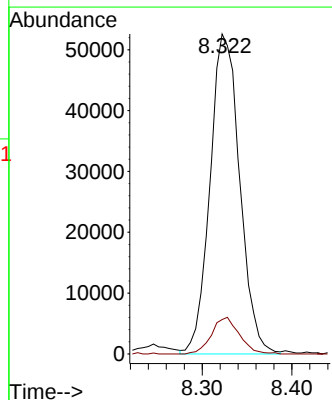
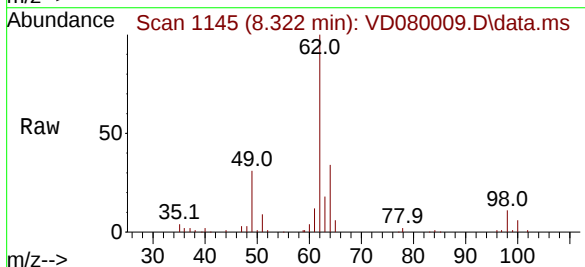
Acq: 14 Nov 2024 16:21

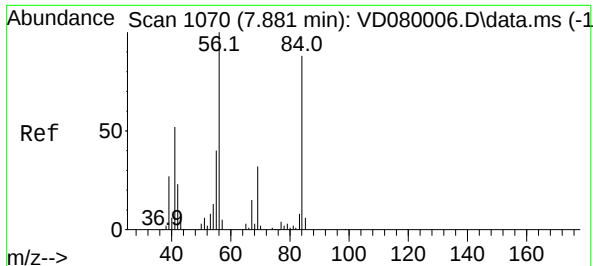
Tgt Ion: 62 Resp: 120894

Ion Ratio Lower Upper

62 100

98 10.8 7.5 11.3

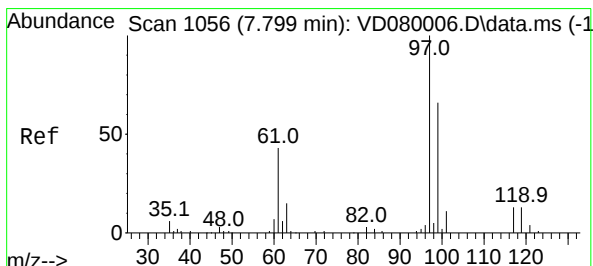
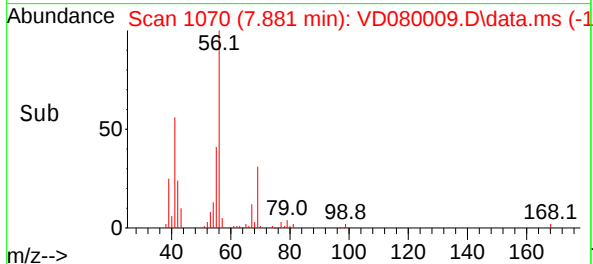
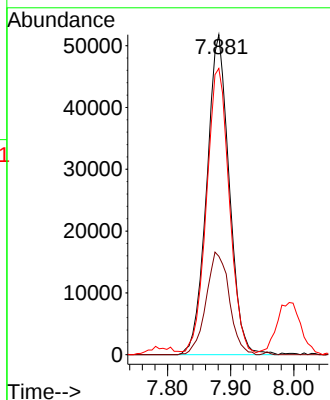
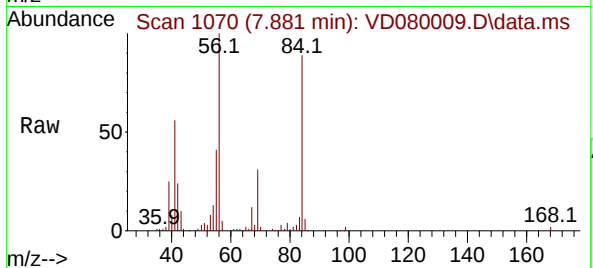




#29
Cyclohexane
Concen: 25.655 ug/L
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

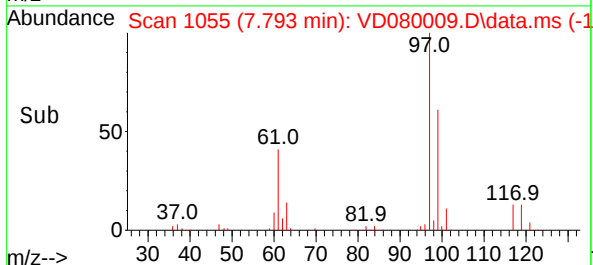
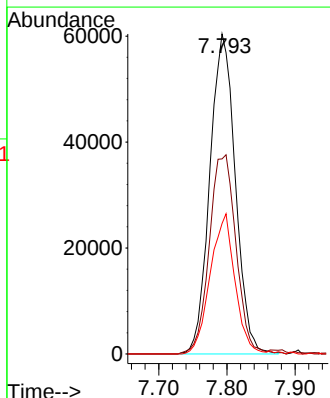
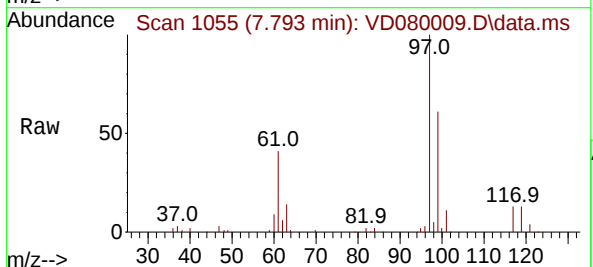
Instrument :
MSVOA_D
ClientSampleId :

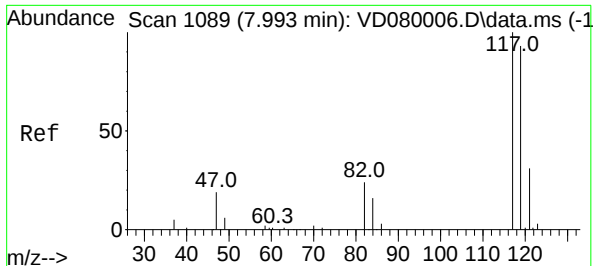
Tgt Ion: 56 Resp: 128396
Ion Ratio Lower Upper
56 100
69 32.9 25.6 38.4
84 91.1 71.0 106.6



#30
1,1,1-Trichloroethane
Concen: 26.576 ug/L
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 97 Resp: 157430
Ion Ratio Lower Upper
97 100
99 65.1 51.5 77.3
61 42.4 34.3 51.5

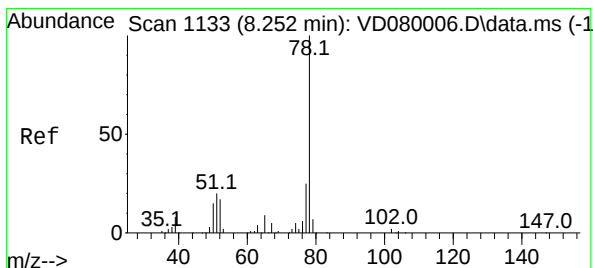
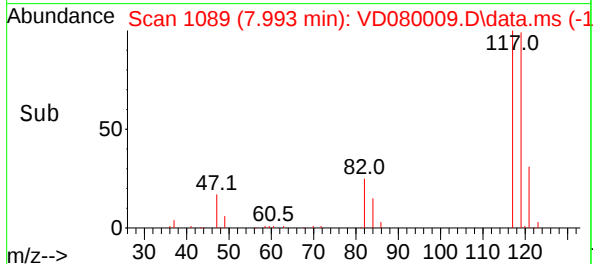
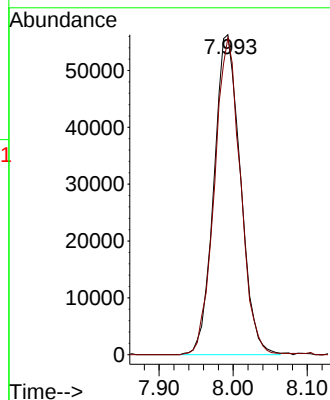
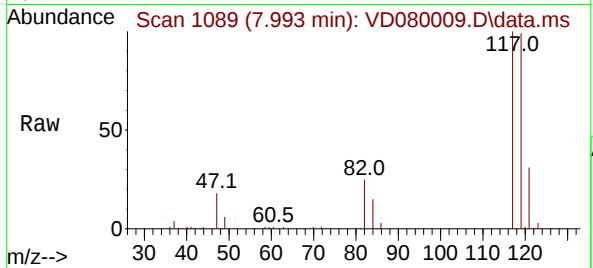




#31
Carbon tetrachloride
Concen: 26.876 ug/L
RT: 7.993 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

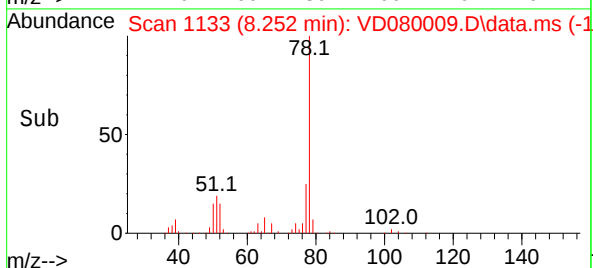
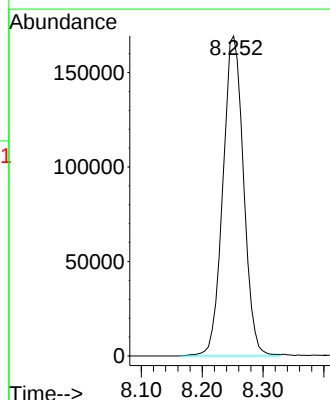
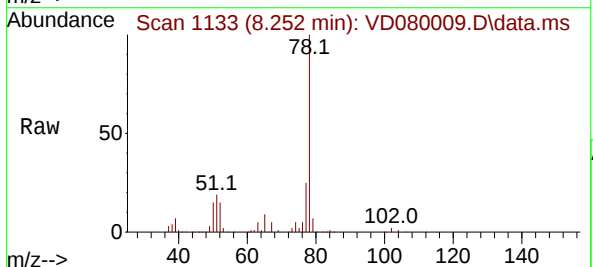
Instrument :
MSVOA_D
ClientSampleId :

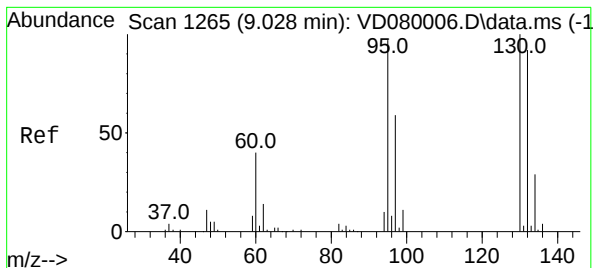
Tgt Ion:117 Resp: 139789
Ion Ratio Lower Upper
117 100
119 96.9 76.8 115.2



#33
Benzene
Concen: 27.609 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 78 Resp: 399427





#34

Trichloroethene

Concen: 26.817 ug/L

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 95 Resp: 104040

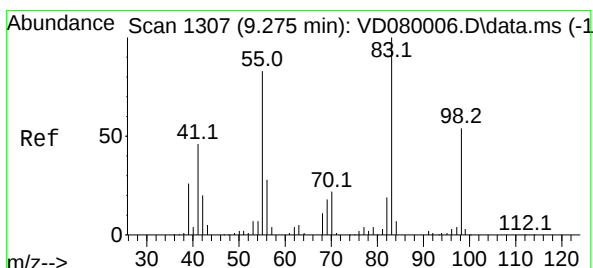
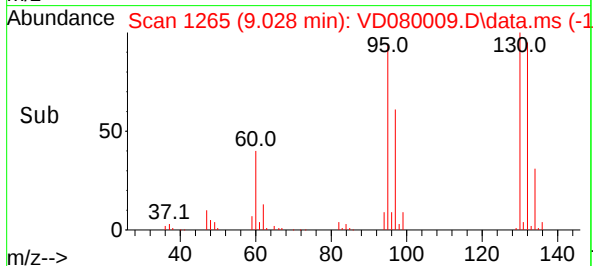
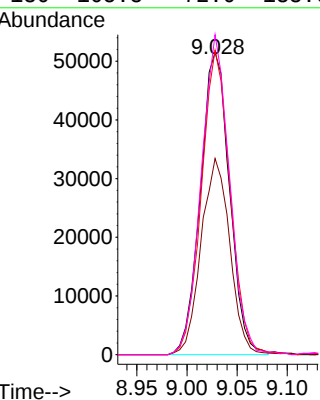
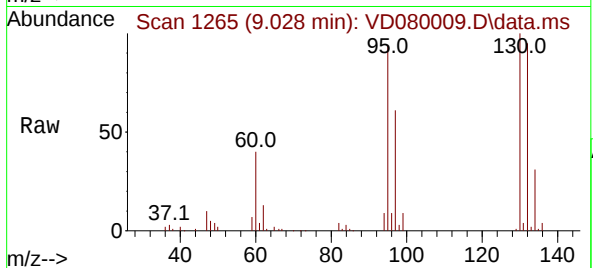
Ion Ratio Lower Upper

95 100

97 64.9 47.7 88.5

132 100.7 72.8 135.2

130 105.8 72.0 133.6



#35

Methylcyclohexane

Concen: 26.003 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

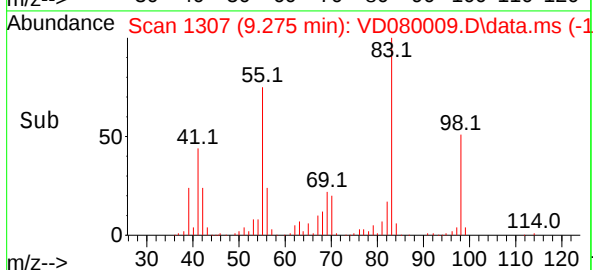
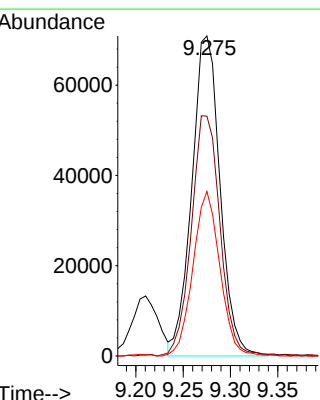
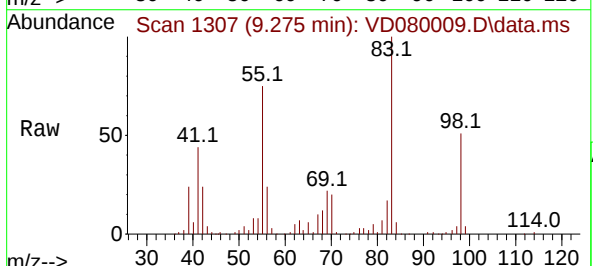
Tgt Ion: 83 Resp: 147448

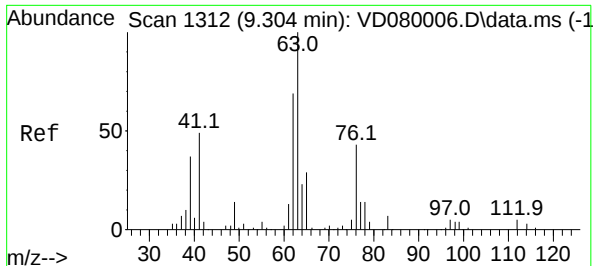
Ion Ratio Lower Upper

83 100

55 76.1 61.2 91.8

98 48.9 38.2 57.2

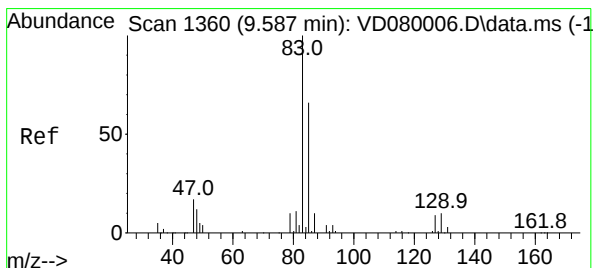
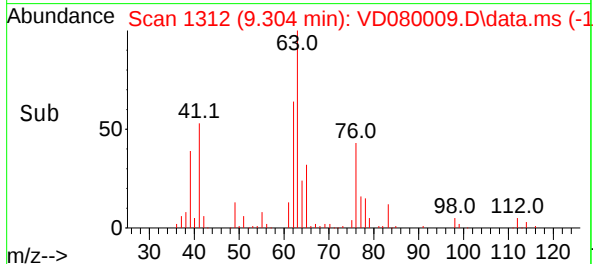
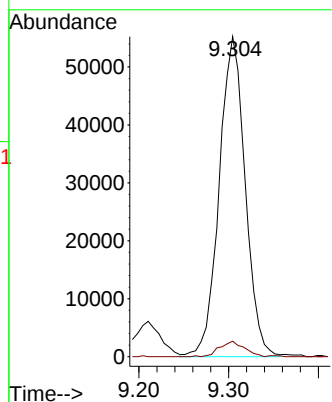
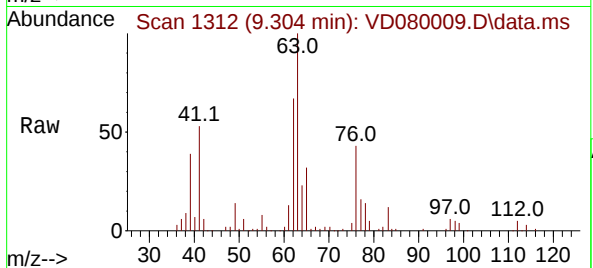




#37
1,2-Dichloropropane
Concen: 27.529 ug/L
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

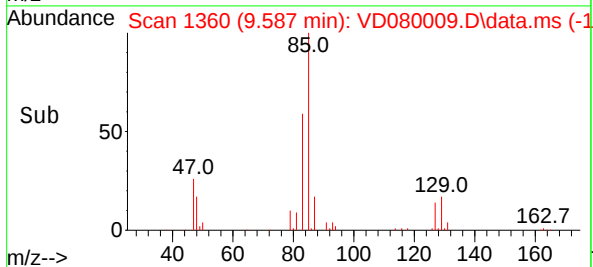
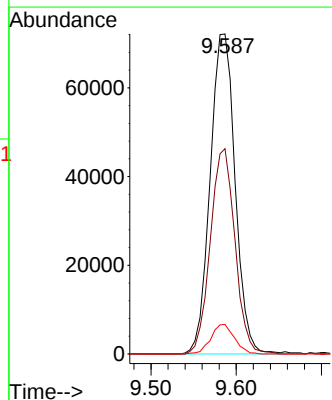
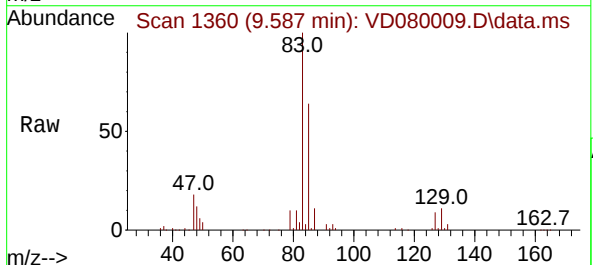
Instrument :
MSVOA_D
ClientSampleId :

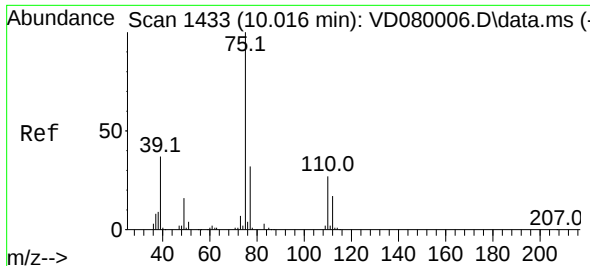
Tgt Ion: 63 Resp: 111254
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.6



#38
Bromodichloromethane
Concen: 28.507 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 83 Resp: 146809
Ion Ratio Lower Upper
83 100
85 64.2 46.0 85.4
127 9.2 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 28.253 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

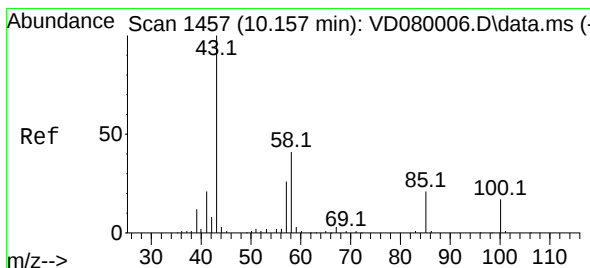
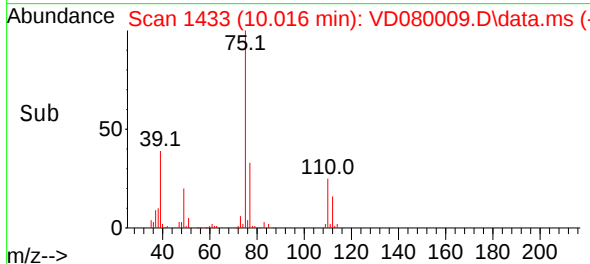
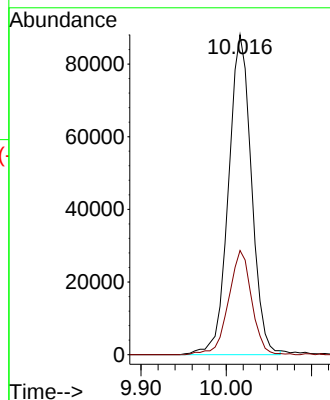
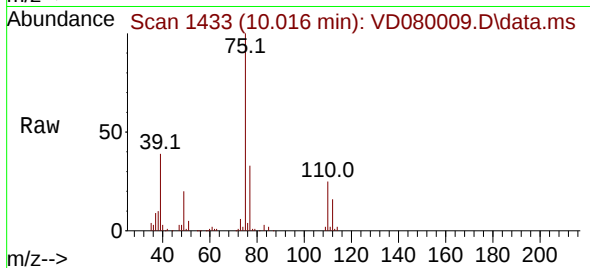
ClientSampleId :

Tgt Ion: 75 Resp: 164941

Ion Ratio Lower Upper

75 100

77 32.5 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 64.592 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

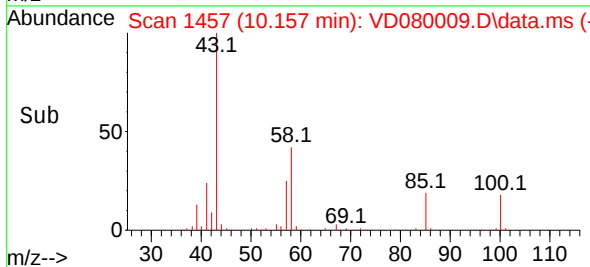
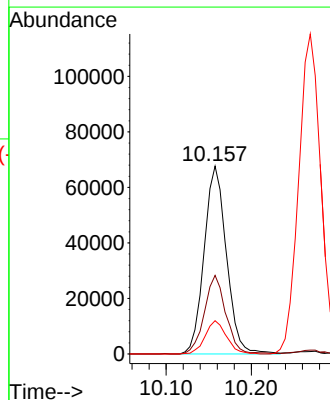
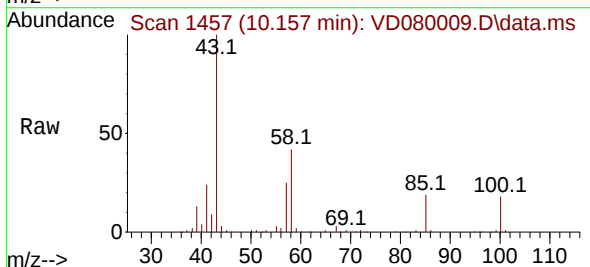
Tgt Ion: 43 Resp: 123252

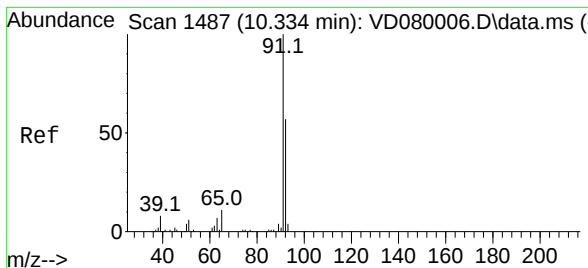
Ion Ratio Lower Upper

43 100

58 39.7 31.5 47.3

100 16.9 12.7 19.1





#42

Toluene

Concen: 28.431 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

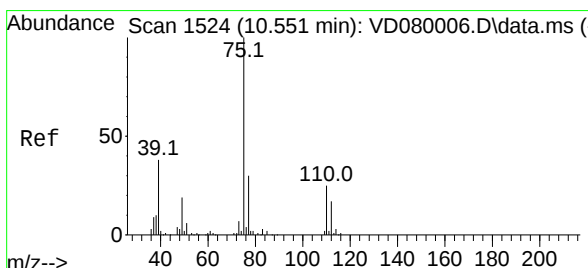
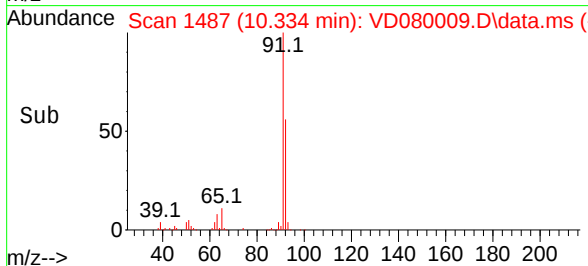
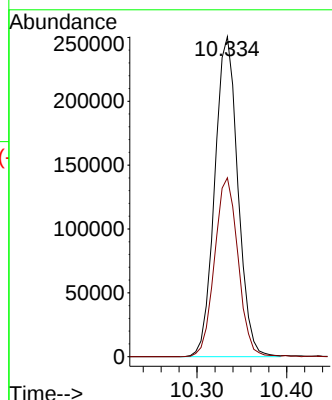
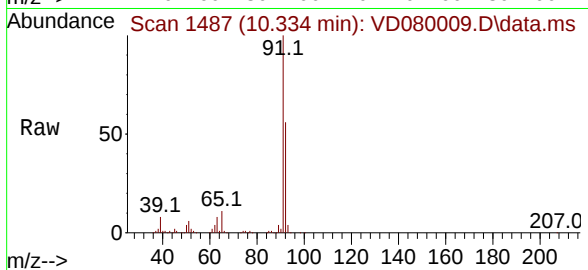
ClientSampleId :

Tgt Ion: 91 Resp: 449306

Ion Ratio Lower Upper

91 100

92 55.9 39.4 73.2



#44

trans-1,3-Dichloropropene

Concen: 29.399 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. 0.000 min

Lab File: VD080009.D

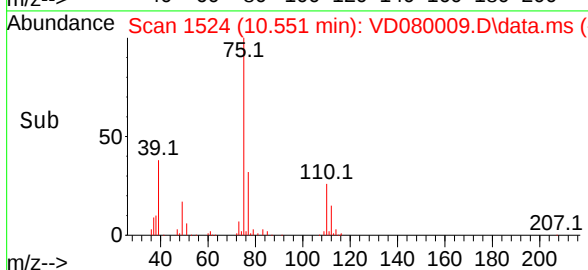
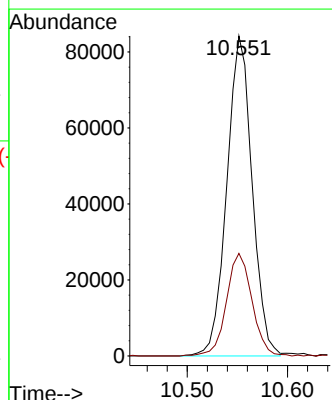
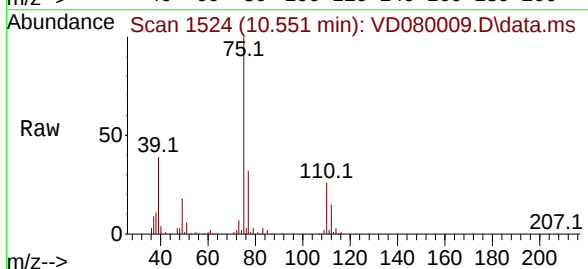
Acq: 14 Nov 2024 16:21

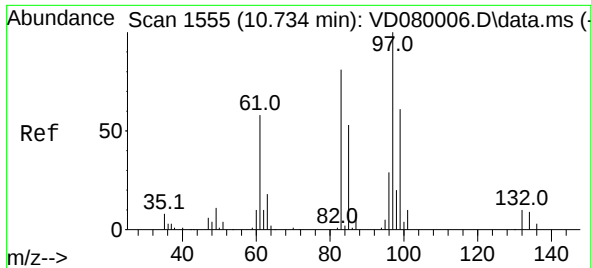
Tgt Ion: 75 Resp: 147830

Ion Ratio Lower Upper

75 100

77 32.1 21.0 39.0

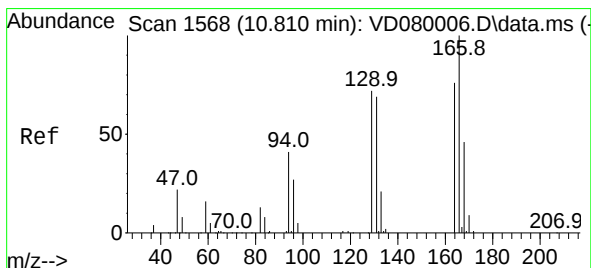
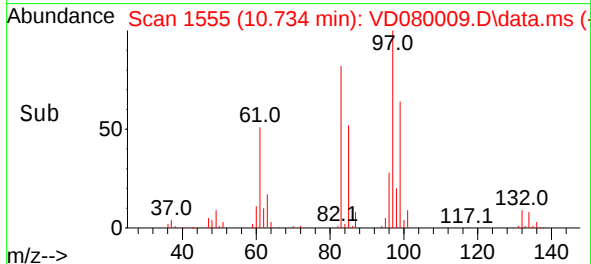
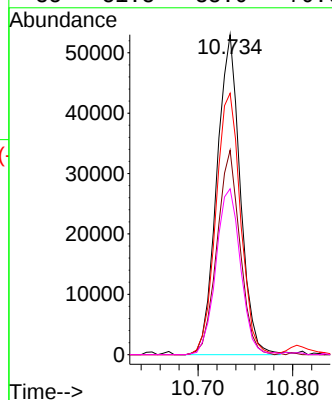
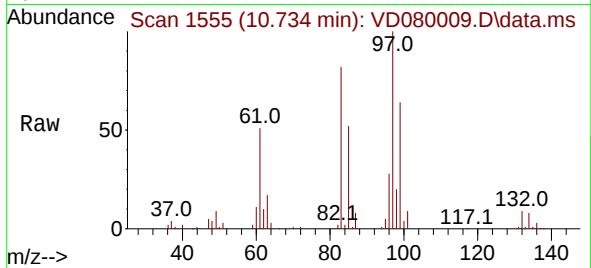




#45
1,1,2-Trichloroethane
Concen: 29.540 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

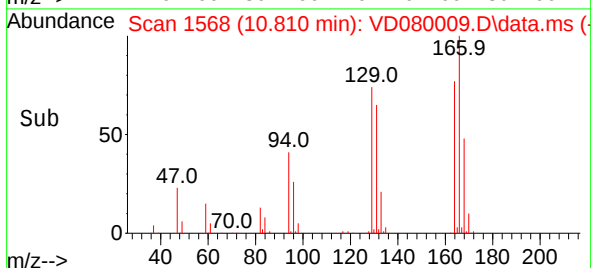
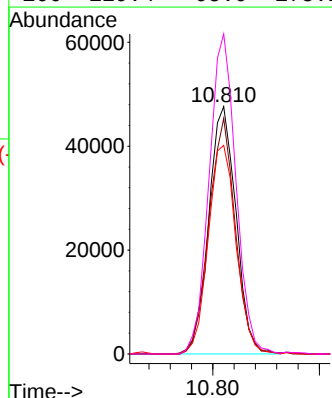
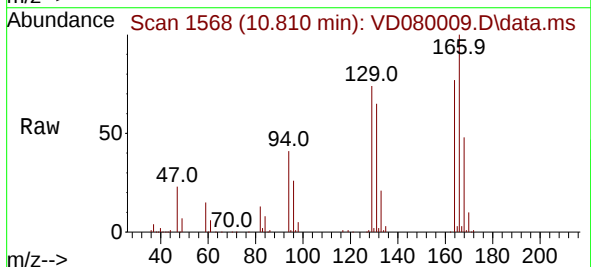
Instrument :
MSVOA_D
ClientSampleId :

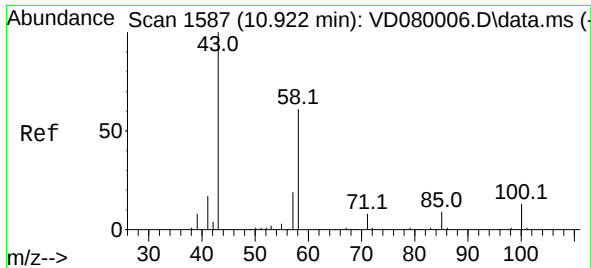
Tgt Ion:	97	Resp:	90949
Ion	Ratio	Lower	Upper
97	100		
99	63.9	45.2	84.0
83	81.7	61.5	114.3
85	51.8	38.0	70.6



#46
Tetrachloroethene
Concen: 25.594 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:	164	Resp:	84460
Ion	Ratio	Lower	Upper
164	100		
129	95.2	69.1	128.3
131	84.3	65.4	121.4
166	129.4	95.9	178.1

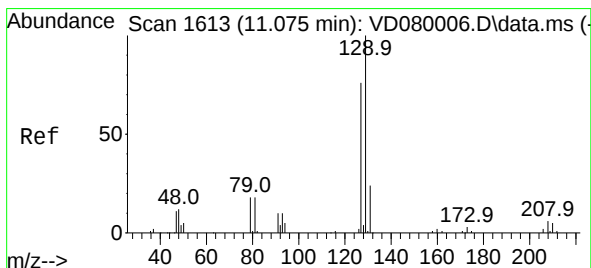
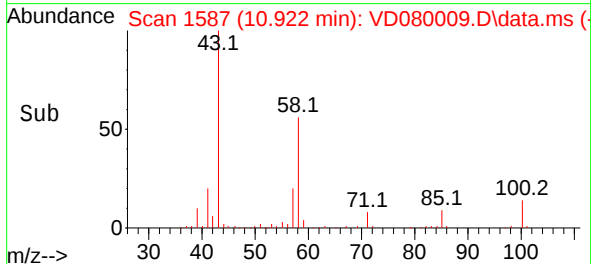
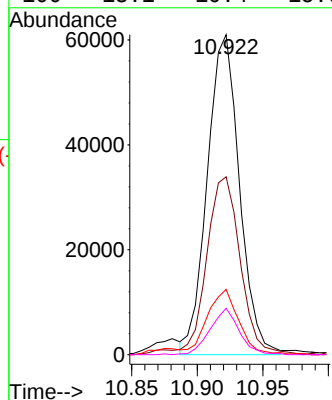
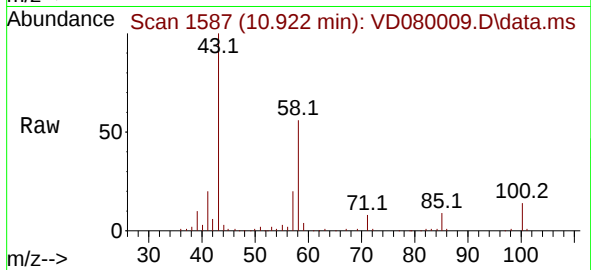




#48
2-Hexanone
Concen: 67.869 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

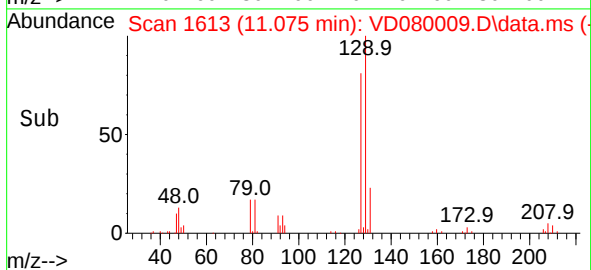
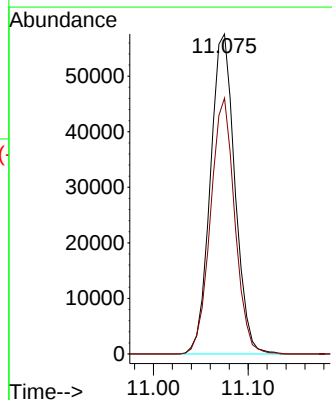
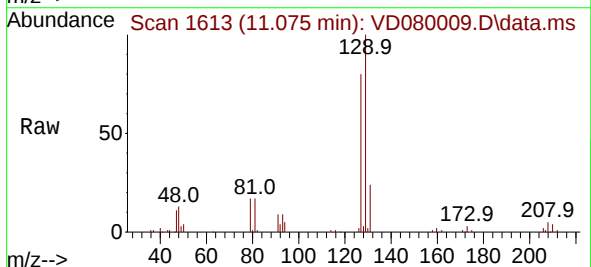
Instrument :
MSVOA_D
ClientSampleId :

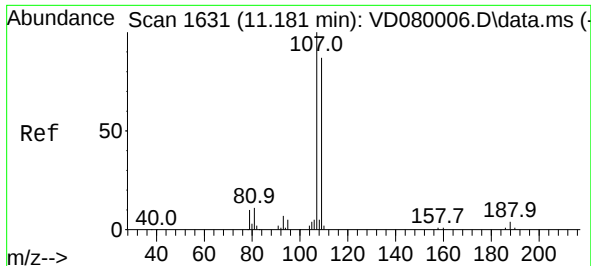
Tgt Ion: 43 Resp: 104430
Ion Ratio Lower Upper
43 100
58 57.6 45.9 68.9
57 20.1 15.2 22.8
100 13.1 10.4 15.6



#49
Dibromochloromethane
Concen: 28.583 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:129 Resp: 103643
Ion Ratio Lower Upper
129 100
127 79.9 54.9 102.1





#50

1,2-Dibromoethane

Concen: 29.831 ug/L

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD080009.D

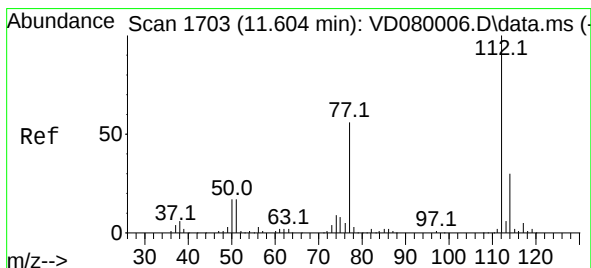
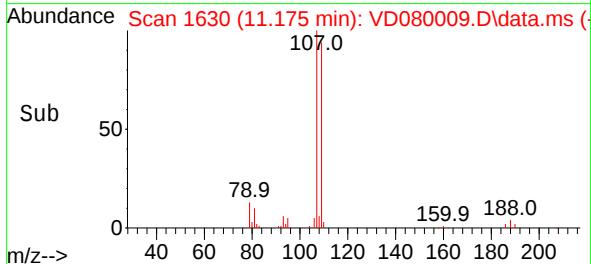
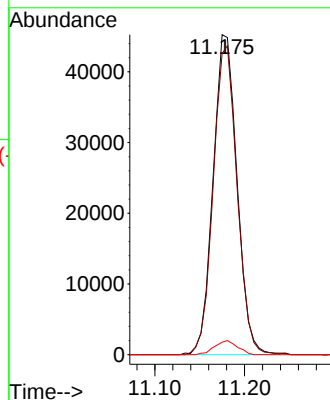
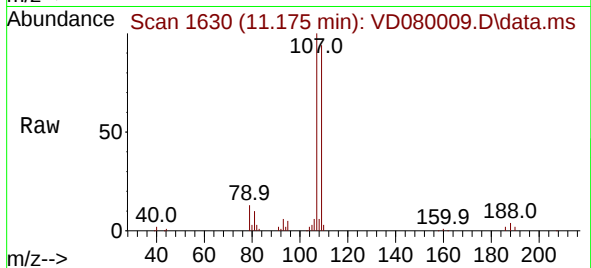
Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:107	Resp:	83800
Ion Ratio	Lower	Upper
107	100	
109	94.1	66.6 123.8
188	3.9	2.8 4.2



#51

Chlorobenzene

Concen: 27.807 ug/L

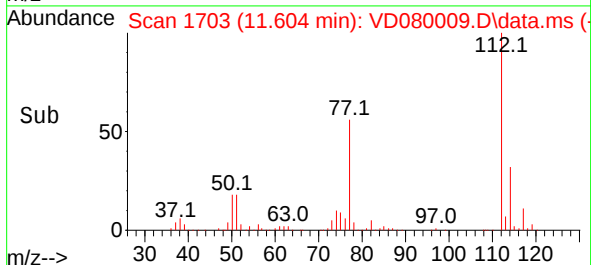
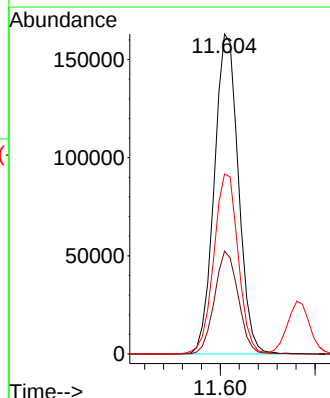
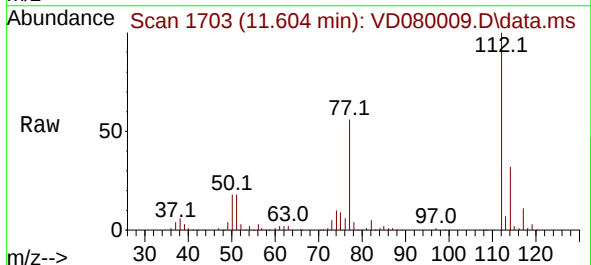
RT: 11.604 min Scan# 1703

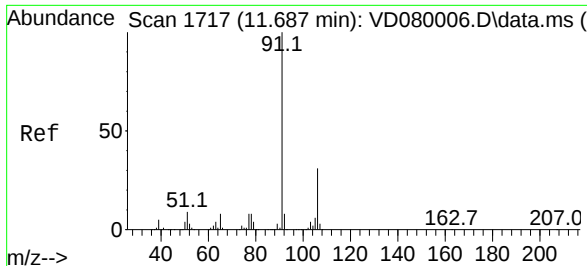
Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Tgt Ion:112	Resp:	288101
Ion Ratio	Lower	Upper
112	100	
114	32.1	21.8 40.4
77	56.3	49.1 73.7

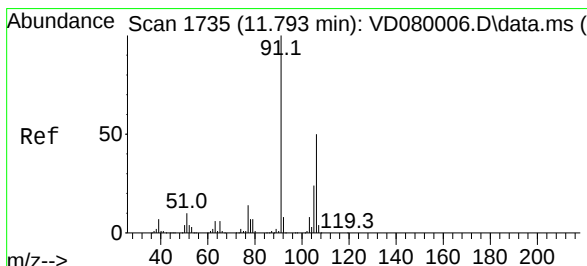
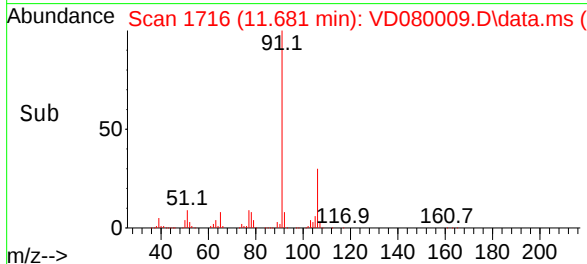
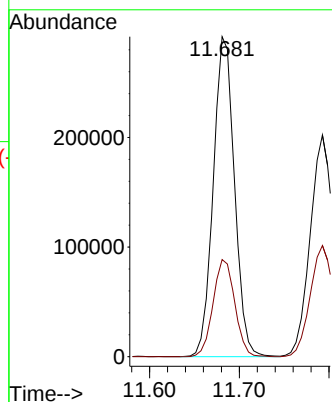
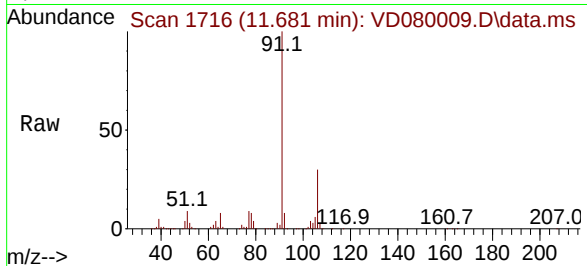




#52
Ethylbenzene
Concen: 28.086 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

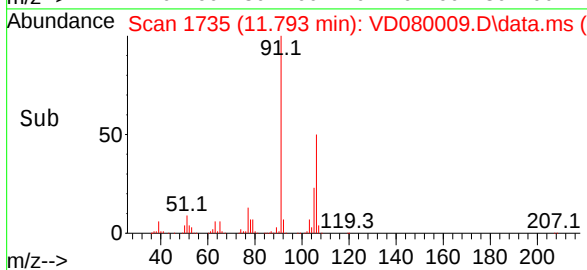
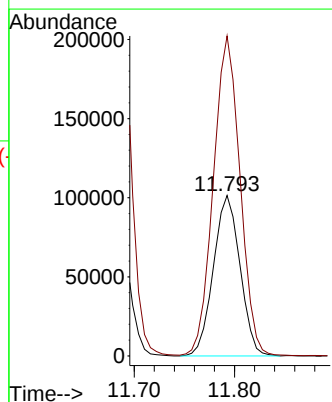
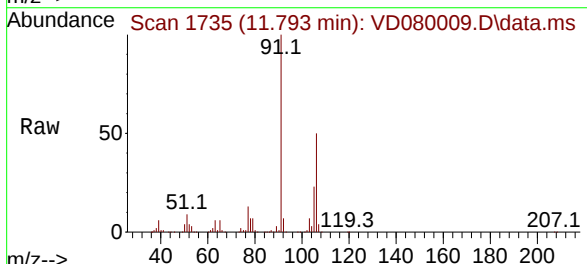
Instrument :
MSVOA_D
ClientSampleId :

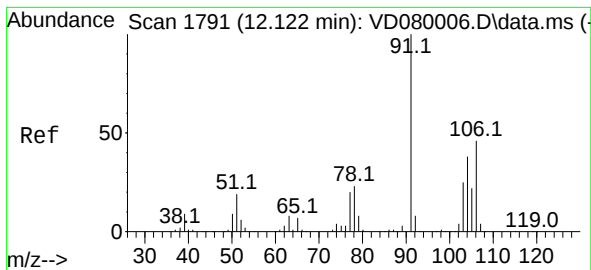
Tgt Ion: 91 Resp: 479000
Ion Ratio Lower Upper
91 100
106 30.4 21.2 39.4



#53
m,p-Xylene
Concen: 29.208 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:106 Resp: 186780
Ion Ratio Lower Upper
106 100
91 199.4 149.3 277.3

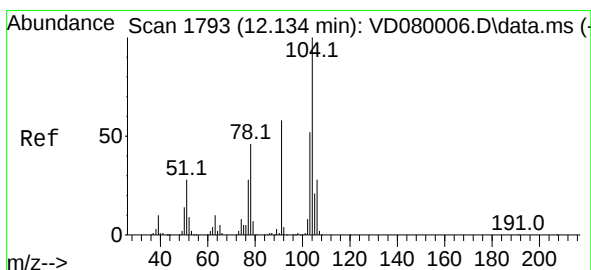
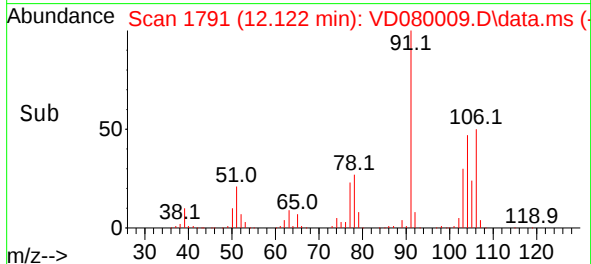
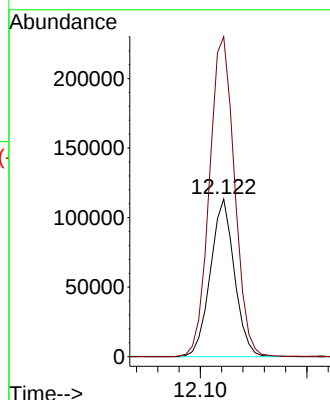
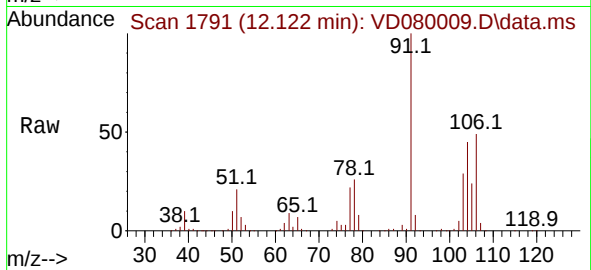




#54
o-Xylene
Concen: 29.044 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

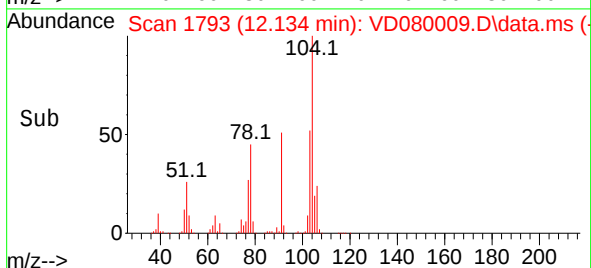
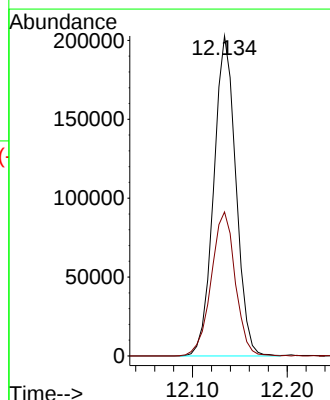
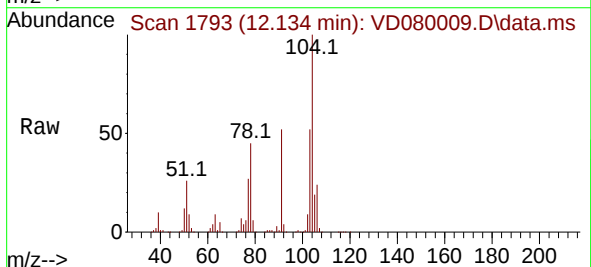
Instrument :
MSVOA_D
ClientSampleId :

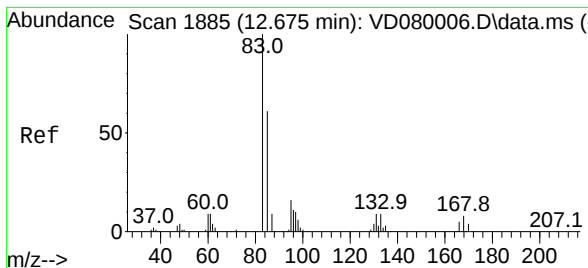
Tgt Ion:106 Resp: 177027
Ion Ratio Lower Upper
106 100
91 203.1 148.0 274.8



#55
Styrene
Concen: 30.051 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:104 Resp: 329520
Ion Ratio Lower Upper
104 100
78 45.0 31.6 58.6

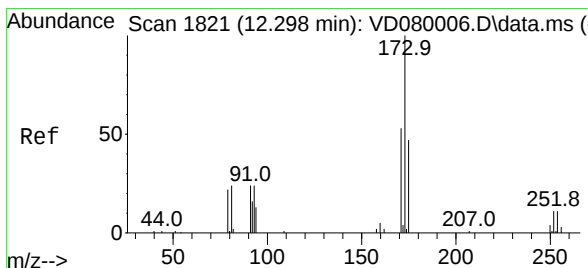
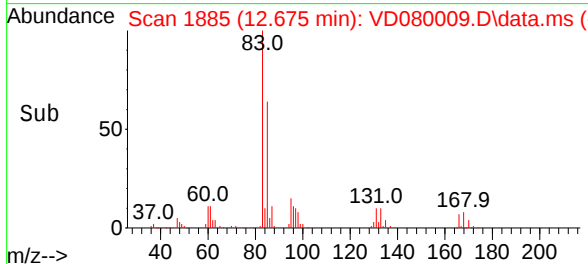
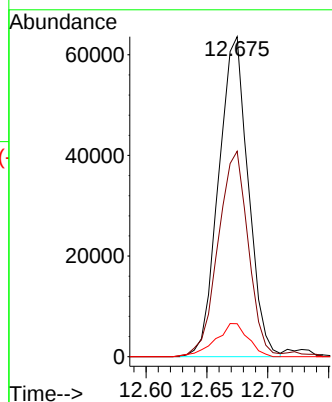
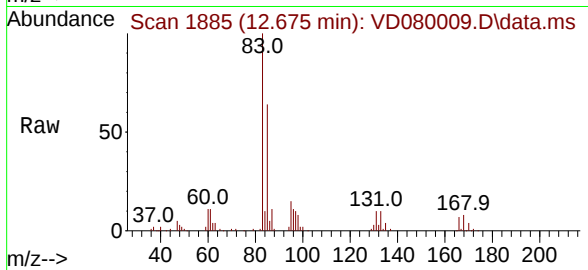




#57
1,1,2,2-Tetrachloroethane
Concen: 30.124 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

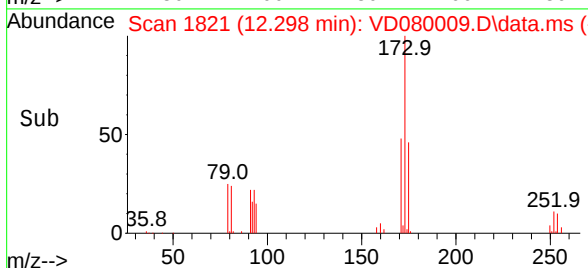
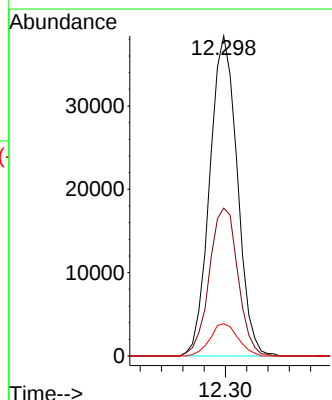
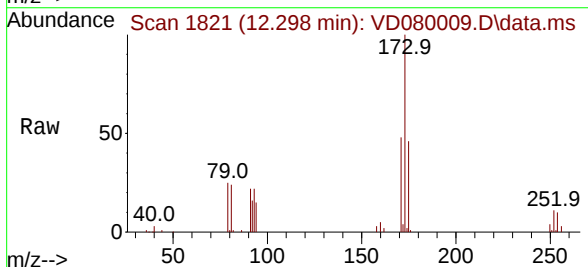
Instrument :
MSVOA_D
ClientSampleId :

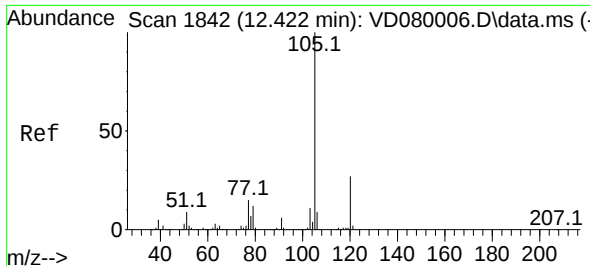
Tgt Ion: 83 Resp: 107727
Ion Ratio Lower Upper
83 100
85 64.2 44.4 82.4
131 10.3 8.6 13.0



#59
Bromoform
Concen: 29.167 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

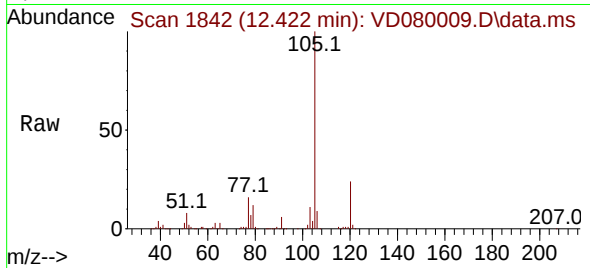
Tgt Ion:173 Resp: 68838
Ion Ratio Lower Upper
173 100
175 48.0 39.0 58.6
254 10.3 8.3 12.5



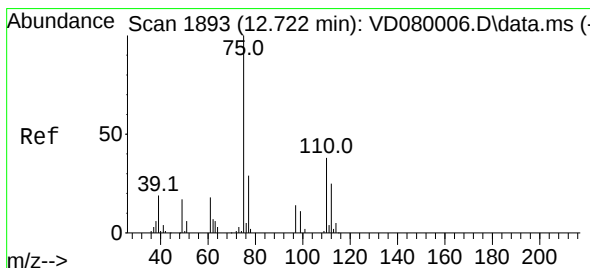
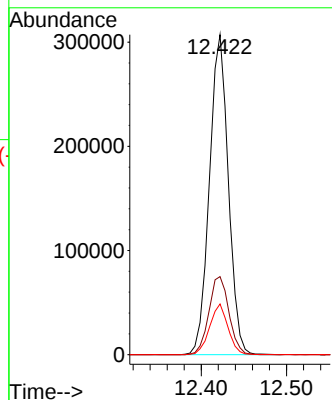
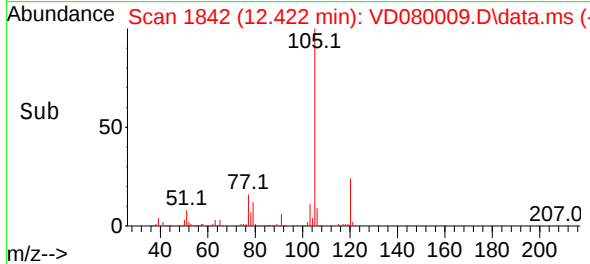


#60
Isopropylbenzene
Concen: 27.081 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Instrument :
MSVOA_D
ClientSampleId :

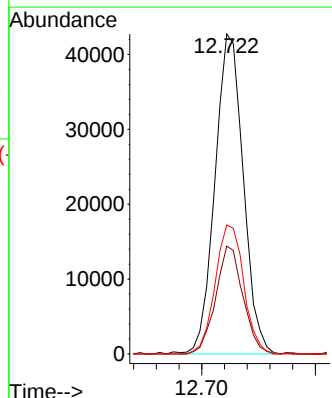
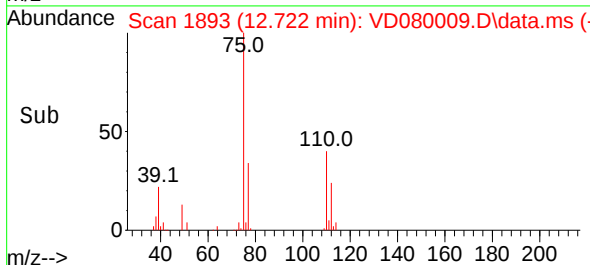
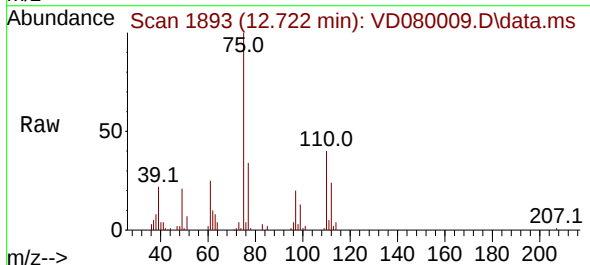


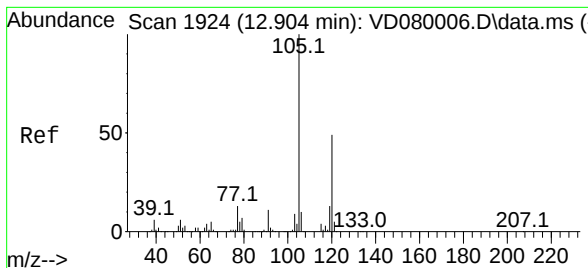
Tgt Ion:105 Resp: 473385
Ion Ratio Lower Upper
105 100
120 25.9 21.3 31.9
77 15.4 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 29.607 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion: 75 Resp: 73794
Ion Ratio Lower Upper
75 100
77 32.4 26.3 39.5
110 40.8 30.2 45.2

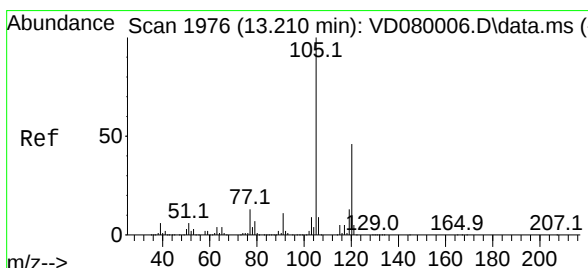
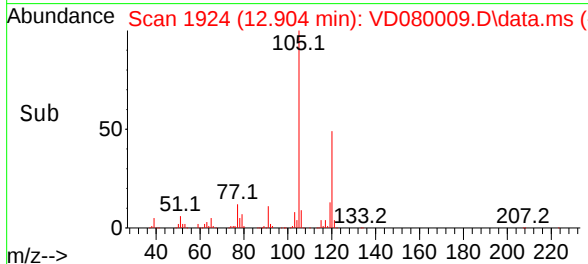
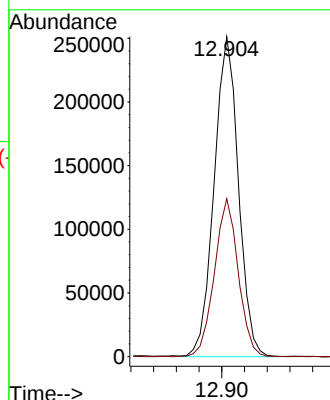
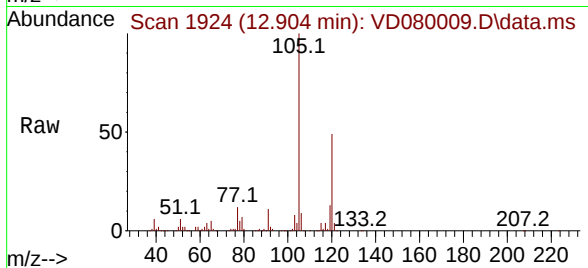




#62
1,3,5-Trimethylbenzene
Concen: 27.197 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

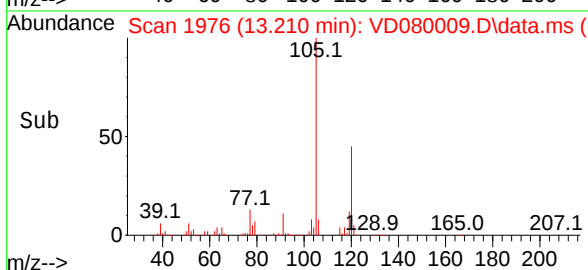
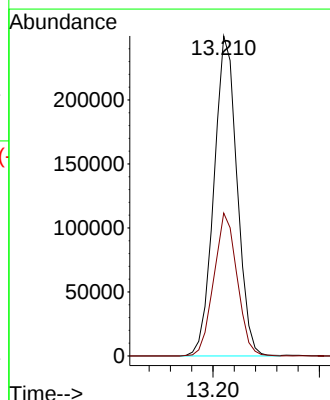
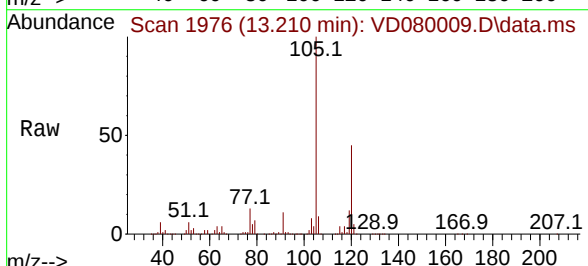
Instrument :
MSVOA_D
ClientSampleId :

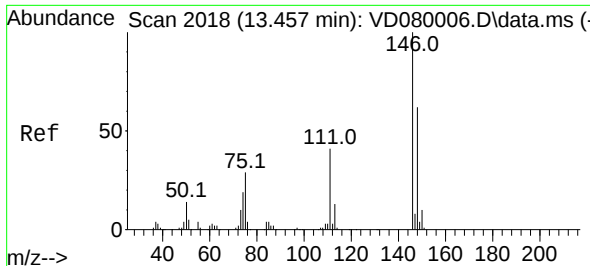
Tgt Ion:105 Resp: 373368
Ion Ratio Lower Upper
105 100
120 48.3 38.8 58.2



#63
1,2,4-Trimethylbenzene
Concen: 27.488 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:105 Resp: 375735
Ion Ratio Lower Upper
105 100
120 45.0 36.8 55.2

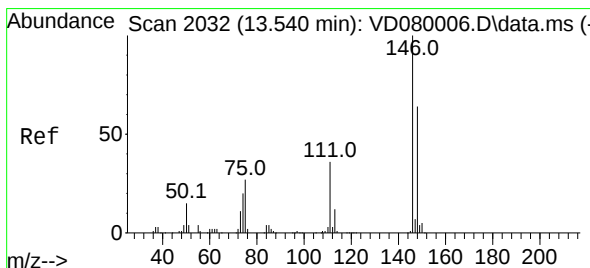
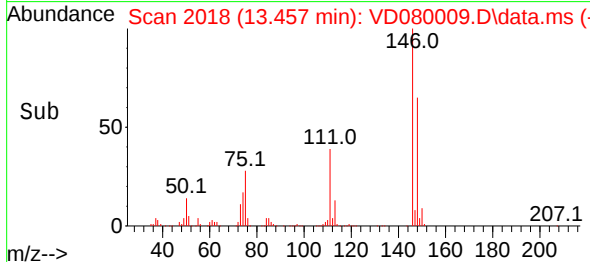
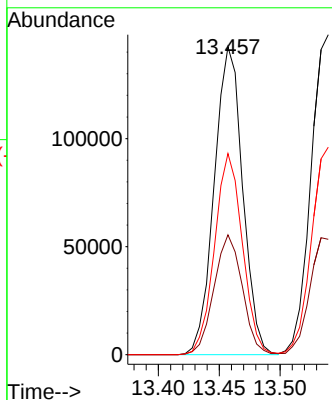
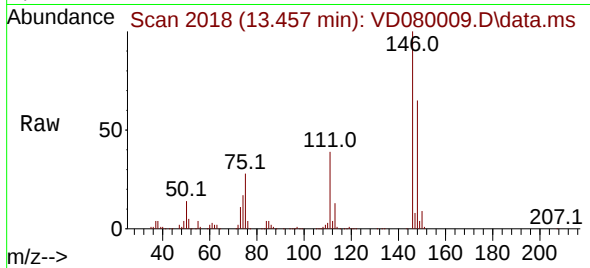




#64
1,3-Dichlorobenzene
Concen: 27.042 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

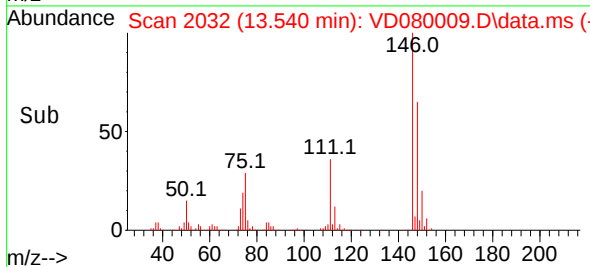
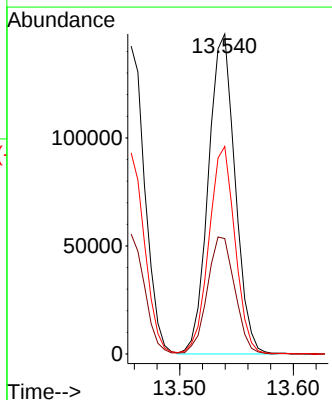
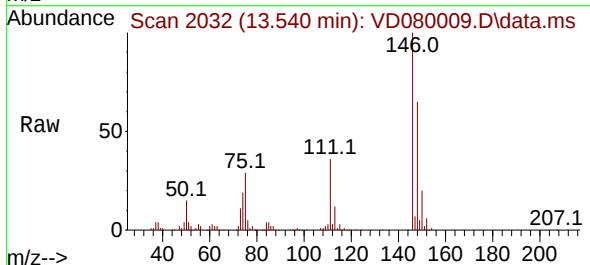
Instrument :
MSVOA_D
ClientSampleId :

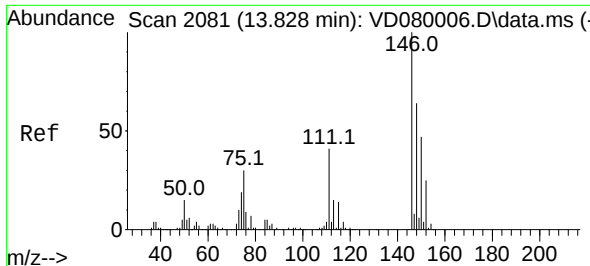
Tgt Ion:146 Resp: 232032
Ion Ratio Lower Upper
146 100
111 38.9 28.2 52.4
148 65.3 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 26.939 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:146 Resp: 242139
Ion Ratio Lower Upper
146 100
111 36.1 26.2 48.8
148 64.9 46.1 85.5





#67

1,2-Dichlorobenzene

Concen: 27.050 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

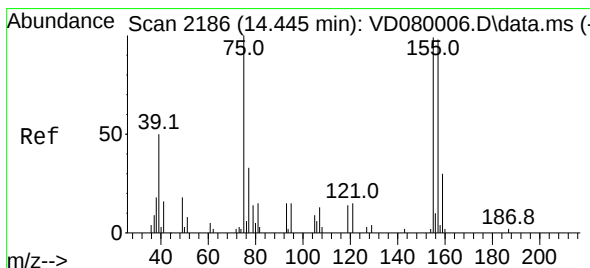
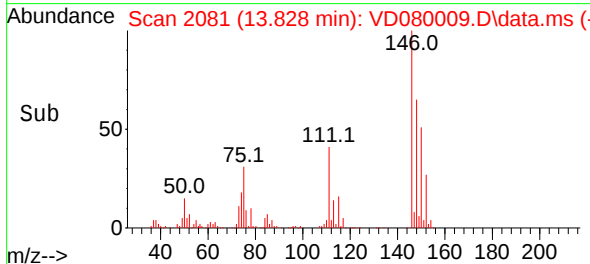
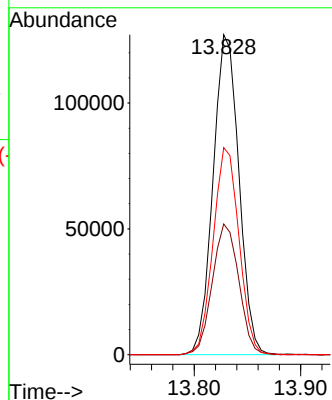
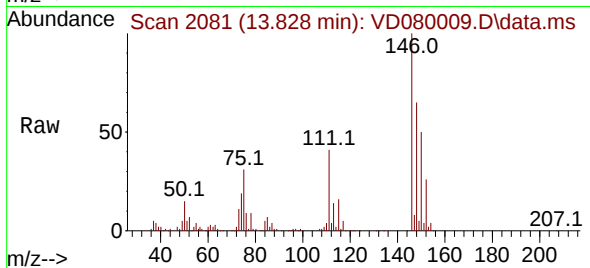
Tgt Ion:146 Resp: 214443

Ion Ratio Lower Upper

146 100

111 40.8 33.0 49.6

148 64.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 30.121 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

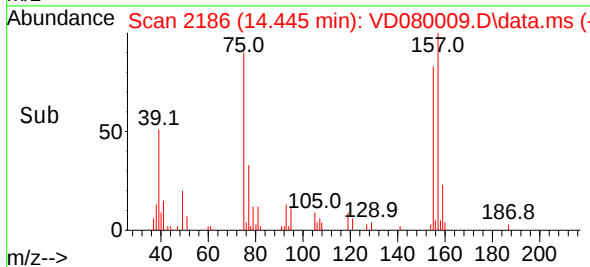
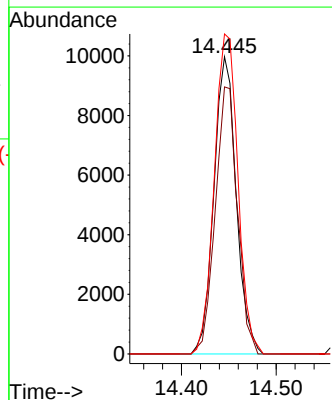
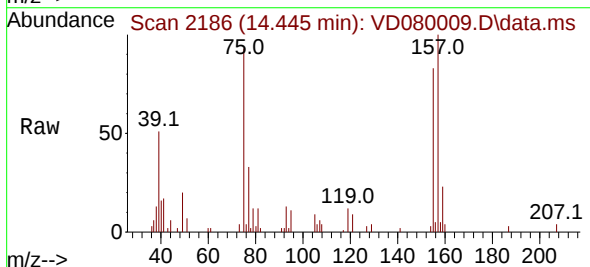
Tgt Ion: 75 Resp: 16360

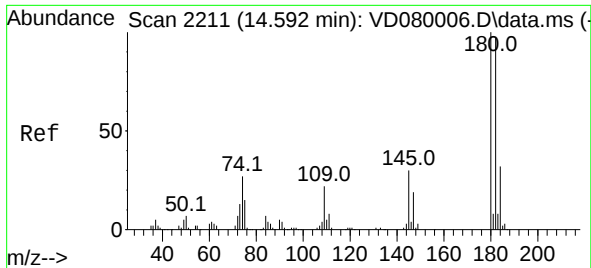
Ion Ratio Lower Upper

75 100

155 89.9 68.7 103.1

157 107.7 79.4 119.2





#69

1,3,5-Trichlorobenzene

Concen: 26.554 ug/L

RT: 14.592 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:180 Resp: 153902

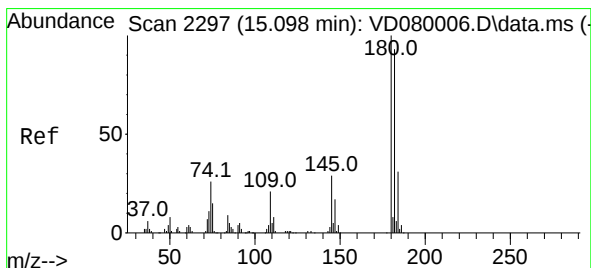
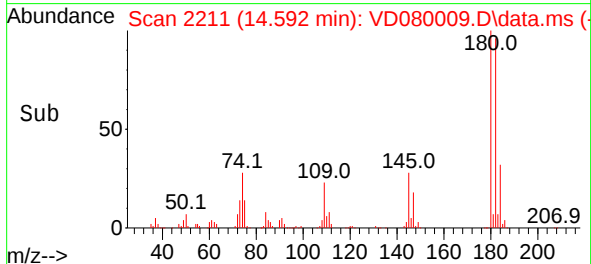
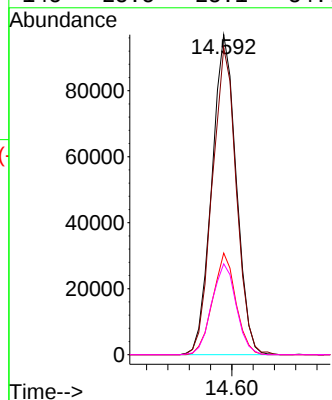
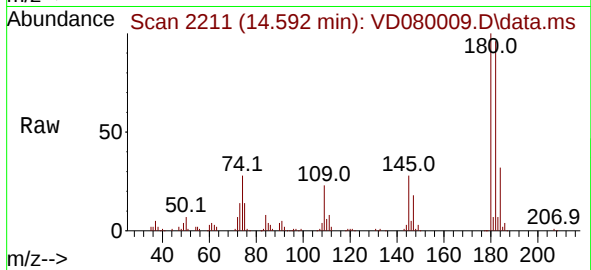
Ion Ratio Lower Upper

180 100

182 94.8 75.8 113.6

184 30.1 24.6 36.8

145 28.5 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 26.249 ug/L

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080009.D

Acq: 14 Nov 2024 16:21

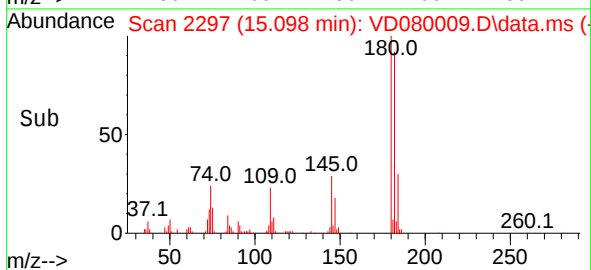
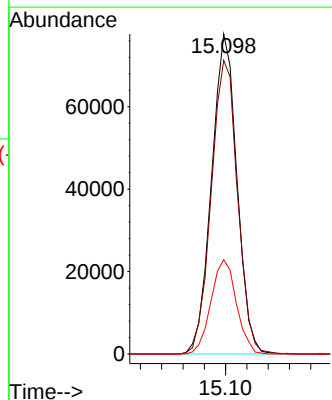
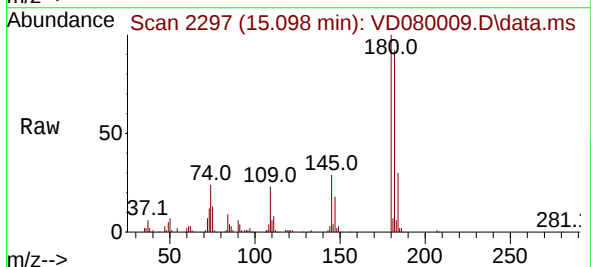
Tgt Ion:180 Resp: 128189

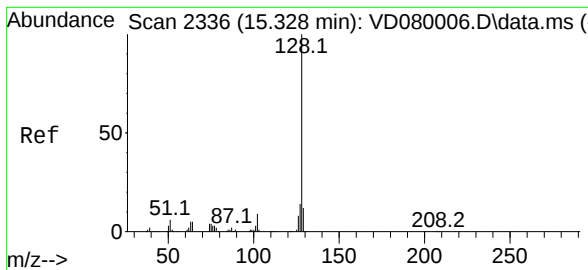
Ion Ratio Lower Upper

180 100

182 95.0 75.9 113.9

145 29.5 23.0 34.4





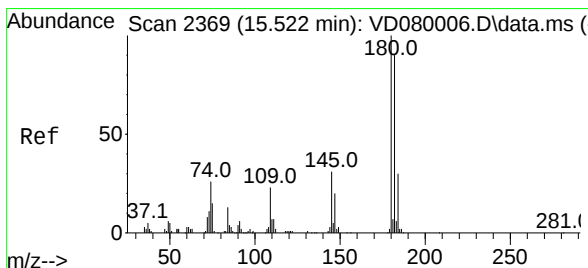
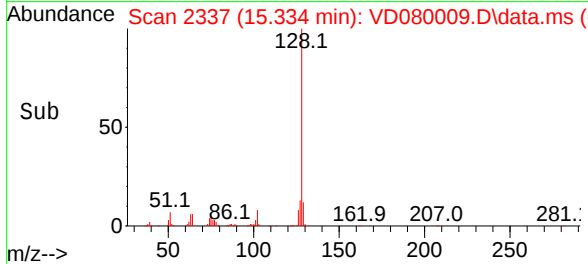
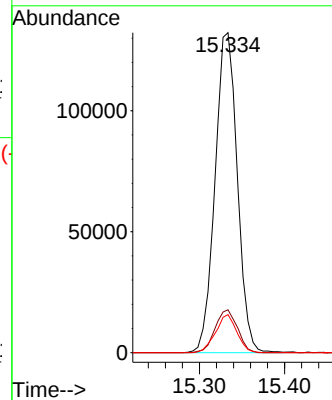
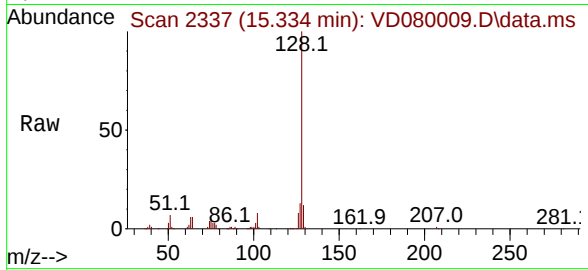
#71
Naphthalene
Concen: 28.818 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:128 Resp: 240439
Ion Ratio Lower Upper
128 100
127 13.4 11.0 16.6
129 11.4 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 29.049 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080009.D
Acq: 14 Nov 2024 16:21

Tgt Ion:180 Resp: 125244
Ion Ratio Lower Upper
180 100
182 92.7 75.8 113.8
145 29.8 24.9 37.3

