

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052924\
 Data File : VW028869.D
 Acq On : 29 May 2024 08:45
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 29 23:50:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 29 02:08:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	329047	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	295861	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	152450	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	132734	21.243	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.960%
7) Chloroethane-d5	2.899	69	102420	21.407	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.640%
11) 1,1-Dichloroethene-d2	4.021	65	58295	22.330	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.320%
21) 2-Butanone-d5	7.075	46	54252	33.280	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.560%
24) Chloroform-d	7.648	84	249468	24.263	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.040%
26) 1,2-Dichloroethane-d4	8.301	65	129195	21.948	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.800%
32) Benzene-d6	8.276	84	497068	25.181	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.720%
36) 1,2-Dichloropropane-d6	9.270	67	149935	25.242	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	10.325	98	450290	25.759	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.040%
43) trans-1,3-Dichloroprop...	10.575	79	57183	23.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.720%
47) 2-Hexanone-d5	10.922	63	37792	36.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	73.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	102226	20.524	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.080%
66) 1,2-Dichlorobenzene-d4	13.848	152	134470	23.142	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.015	85	98999	20.703	ug/L	94
3) Chloromethane	2.222	50	112407	18.975	ug/L	99
5) Vinyl chloride	2.375	62	141131	21.161	ug/L	100
6) Bromomethane	2.789	94	84052	21.786	ug/L	96
8) Chloroethane	2.936	64	85274	22.420	ug/L	97
9) Trichlorofluoromethane	3.271	101	117498	21.459	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	122500	24.266	ug/L	93
12) 1,1-Dichloroethene	4.045	96	112054	24.744	ug/L	94
13) Acetone	4.131	43	55382	37.345	ug/L	94
14) Carbon disulfide	4.387	76	306433	20.022	ug/L	100
15) Methyl Acetate	4.679	43	45623	17.683	ug/L	99
16) Methylene chloride	4.923	84	125931	24.746	ug/L	93
17) trans-1,2-Dichloroethene	5.429	96	116929	24.801	ug/L	94
18) Methyl tert-butyl Ether	5.429	73	165310	23.760	ug/L	98
19) 1,1-Dichloroethane	6.216	63	238674	25.529	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	129508	26.247	ug/L	94
22) 2-Butanone	7.167	43	67650	35.540	ug/L	100
23) Bromochloromethane	7.514	128	53170	24.703	ug/L	92
25) Chloroform	7.679	83	240245	26.568	ug/L	95

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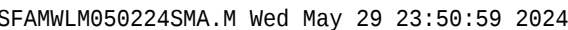
Instrument :
 MSVOA_W
 ClientSampleId :

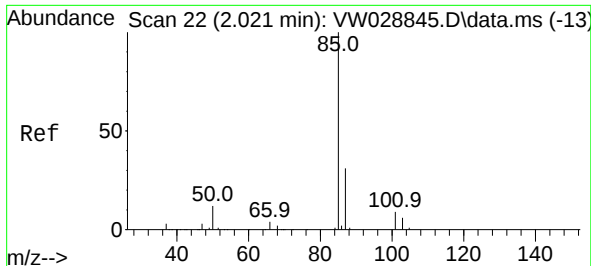
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	153298	23.321	ug/L	100
29) Cyclohexane	7.959	56	197649	23.430	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	193160	26.053	ug/L	98
31) Carbon tetrachloride	8.069	117	174139	25.761	ug/L	100
33) Benzene	8.325	78	510510	26.609	ug/L	100
34) Trichloroethene	9.093	95	134301	26.109	ug/L	93
35) Methylcyclohexane	9.337	83	217714	24.219	ug/L	98
37) 1,2-Dichloropropane	9.368	63	133532	26.711	ug/L	100
38) Bromodichloromethane	9.642	83	162494	26.665	ug/L	93
39) cis-1,3-Dichloropropene	10.075	75	196949	27.486	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	132885	39.056	ug/L	99
42) Toluene	10.386	91	536515	27.076	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	156963	25.981	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	88505	24.439	ug/L	95
46) Tetrachloroethene	10.861	164	99670	26.894	ug/L	94
48) 2-Hexanone	10.965	43	98199	40.881	ug/L	97
49) Dibromochloromethane	11.129	129	97085	26.727	ug/L	94
50) 1,2-Dibromoethane	11.233	107	78848	23.243	ug/L	95
51) Chlorobenzene	11.654	112	336647	27.465	ug/L	99
52) Ethylbenzene	11.727	91	610678	27.232	ug/L	99
53) m,p-Xylene	11.837	106	229248	27.889	ug/L	96
54) o-Xylene	12.160	106	215944	28.397	ug/L	97
55) Styrene	12.178	104	375180	29.117	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	99155	21.823	ug/L	96
59) Bromoform	12.349	173	50732	22.810	ug/L	97
60) Isopropylbenzene	12.458	105	612869	26.498	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	71270	19.344	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	460241	28.125	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	485098	27.512	ug/L	95
64) 1,3-Dichlorobenzene	13.495	146	248203	25.796	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	253473	25.768	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	223392	25.940	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.476	75	14554	16.895	ug/L	97
69) 1,3,5-Trichlorobenzene	14.623	180	160809	24.907	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	129882	24.897	ug/L	100
71) Naphthalene	15.360	128	227278	20.448	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	113745	24.163	ug/L	98

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

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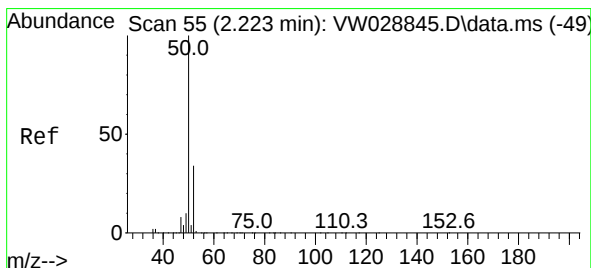
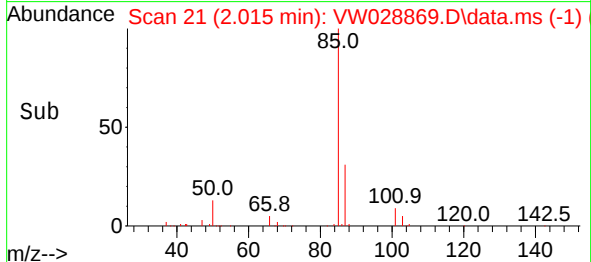
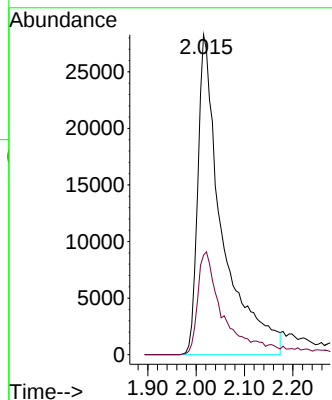
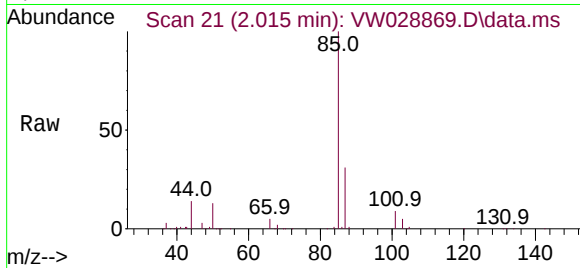




#2
Dichlorodifluoromethane
Concen: 20.703 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

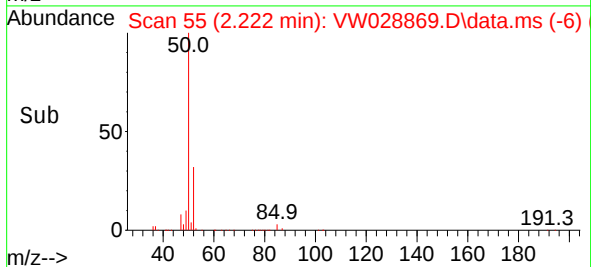
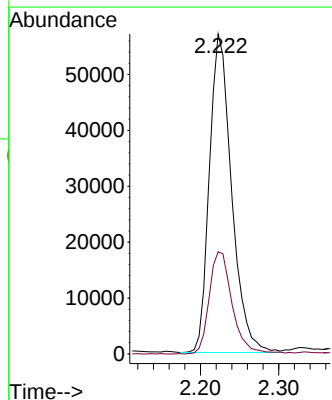
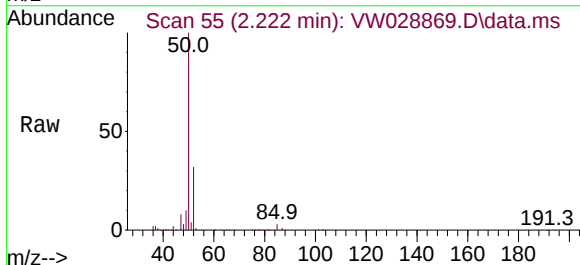
Instrument :
MSVOA_W
ClientSampleId :

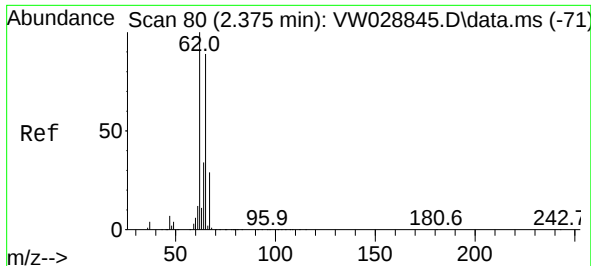
Tgt Ion: 85 Resp: 98999
Ion Ratio Lower Upper
85 100
87 30.5 21.9 32.9



#3
Chloromethane
Concen: 18.975 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

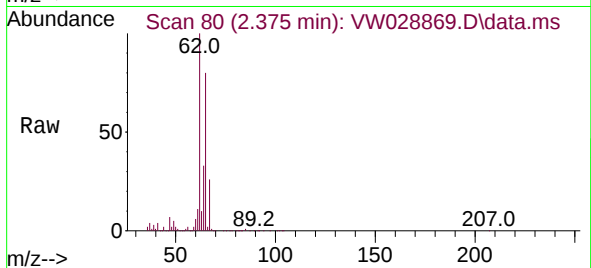
Tgt Ion: 50 Resp: 112407
Ion Ratio Lower Upper
50 100
52 31.9 22.0 41.0



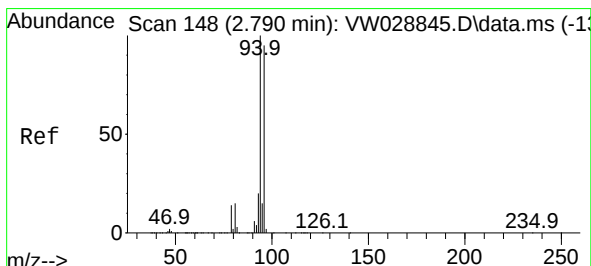
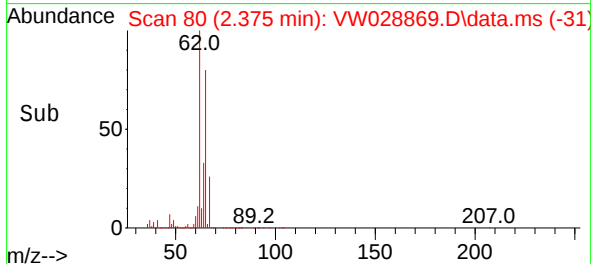
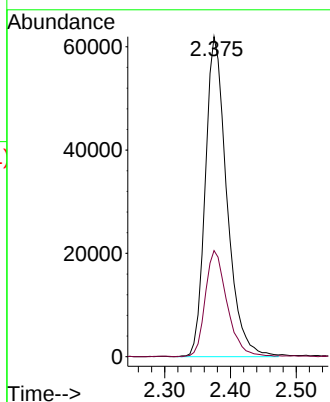


#5
 Vinyl chloride
 Concen: 21.161 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028869.D
 Acq: 29 May 2024 08:45

Instrument :
 MSVOA_W
 ClientSampleId :

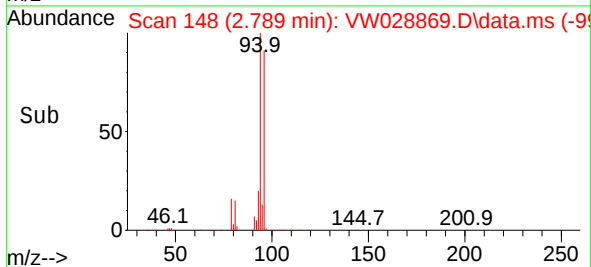
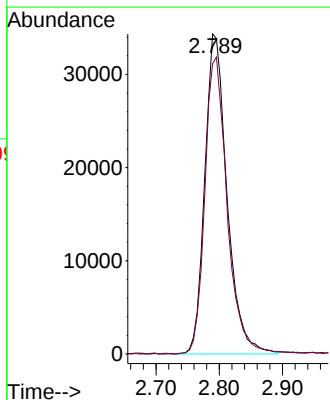
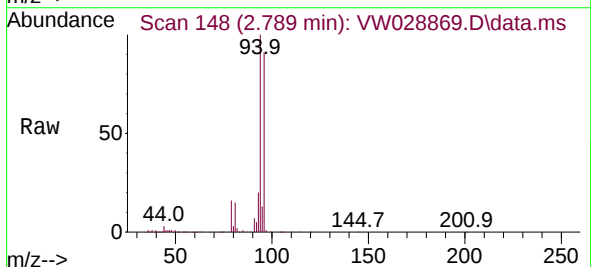


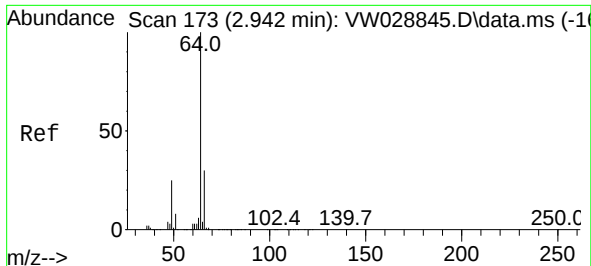
Tgt Ion: 62 Resp: 141131
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.3 43.3



#6
 Bromomethane
 Concen: 21.786 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW028869.D
 Acq: 29 May 2024 08:45

Tgt Ion: 94 Resp: 84052
 Ion Ratio Lower Upper
 94 100
 96 90.7 66.3 123.1

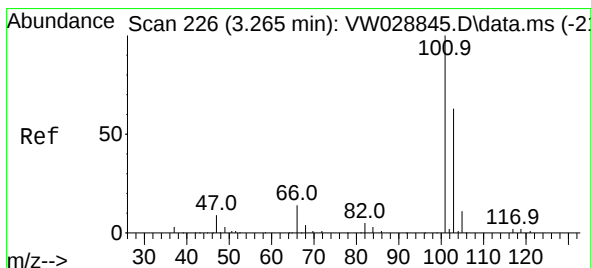
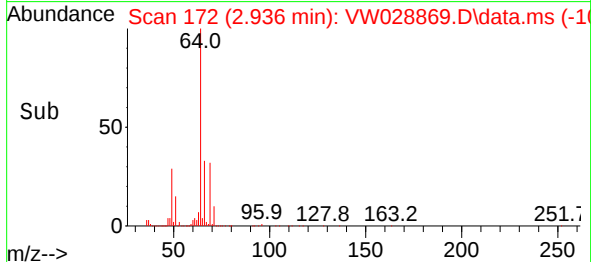
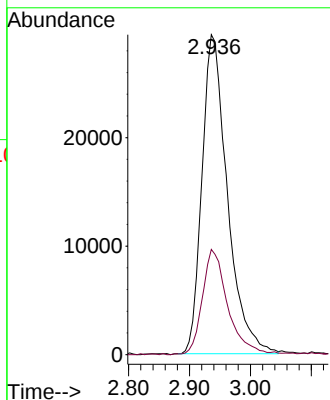
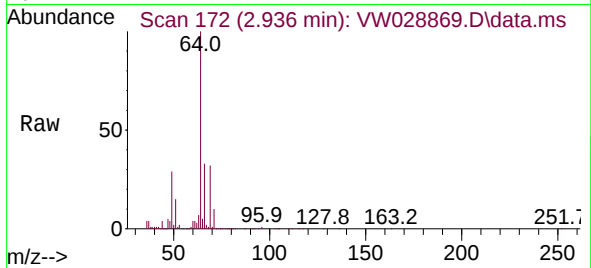




#8
Chloroethane
Concen: 22.420 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

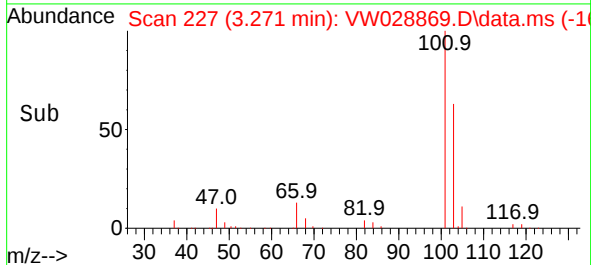
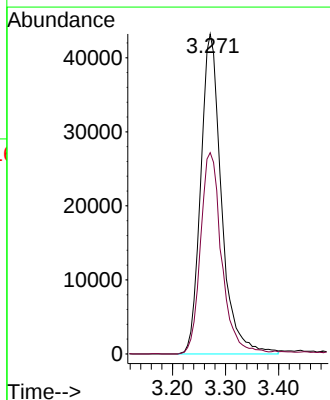
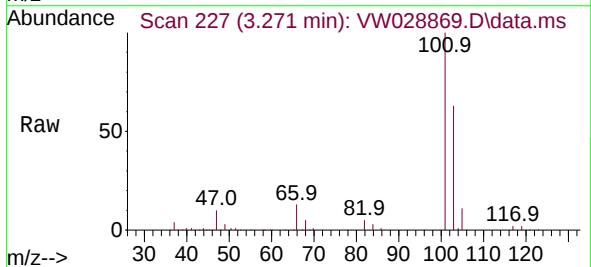
Instrument :
MSVOA_W
ClientSampleId :

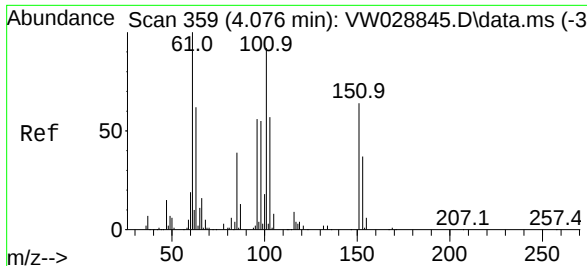
Tgt Ion: 64 Resp: 85274
Ion Ratio Lower Upper
64 100
66 32.9 21.7 40.3



#9
Trichlorofluoromethane
Concen: 21.459 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion:101 Resp: 117498
Ion Ratio Lower Upper
101 100
103 64.1 50.4 75.6





#10

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

Concen: 24.266 ug/L

RT: 4.082 min Scan# 3

Delta R.T. 0.006 min

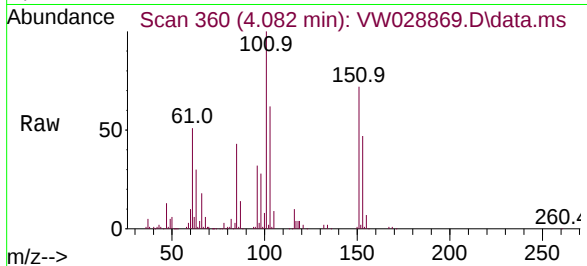
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Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :



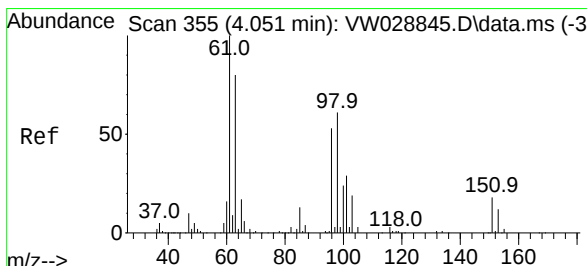
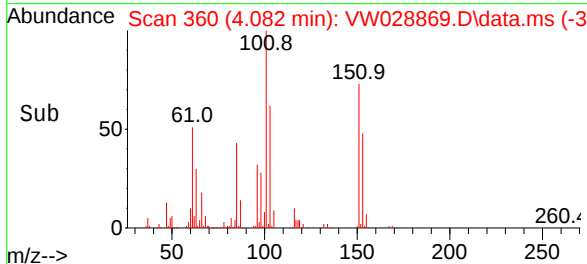
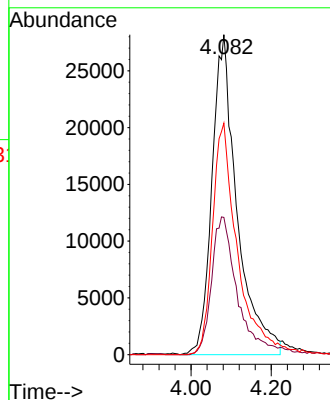
Tgt Ion:101 Resp: 122500

Ion Ratio Lower Upper

101 100

85 43.1 35.8 53.8

151 70.0 49.6 74.4



#12

1,1-Dichloroethene

Concen: 24.744 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

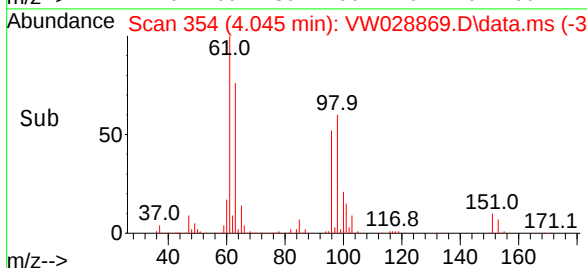
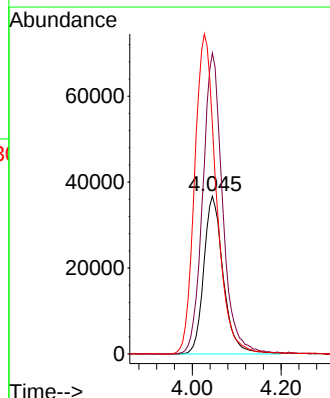
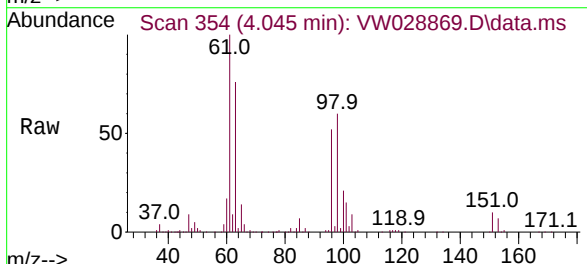
Tgt Ion: 96 Resp: 112054

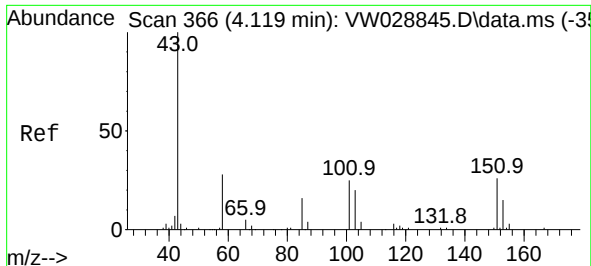
Ion Ratio Lower Upper

96 100

61 190.8 131.6 244.4

63 145.8 111.4 206.8

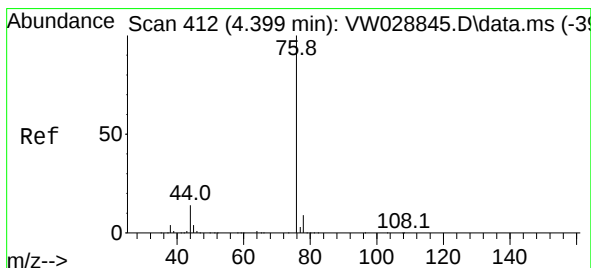
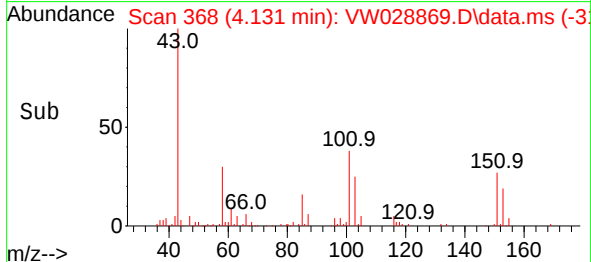
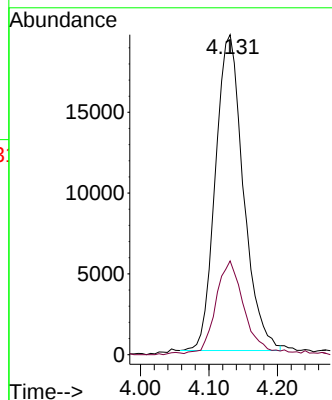
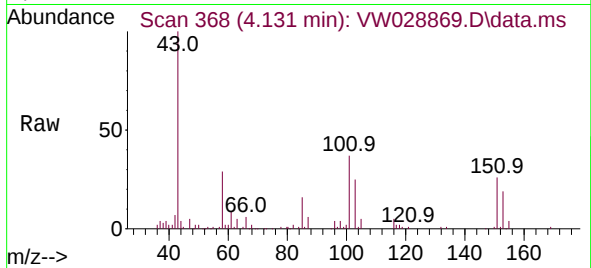




#13
Acetone
Concen: 37.345 ug/L
RT: 4.131 min Scan# 30
Delta R.T. 0.012 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

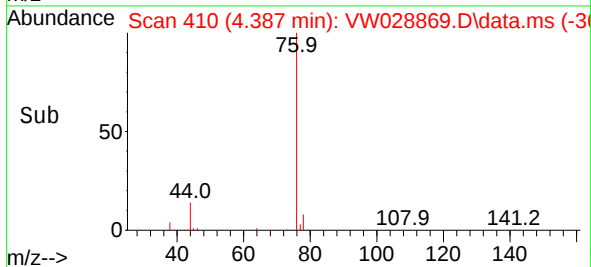
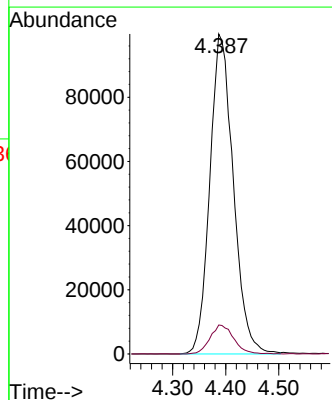
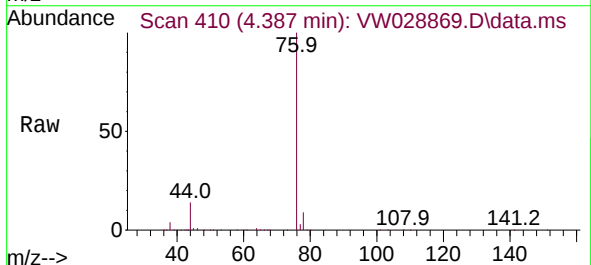
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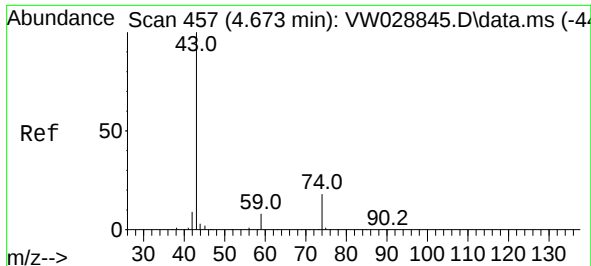
Tgt Ion: 43 Resp: 55382
Ion Ratio Lower Upper
43 100
58 30.1 0.0 54.4



#14
Carbon disulfide
Concen: 20.022 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.012 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion: 76 Resp: 306433
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

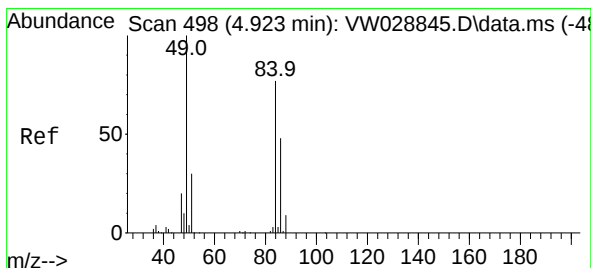
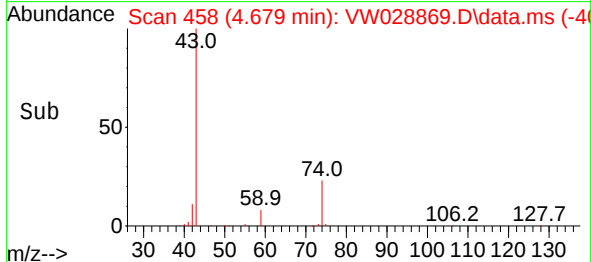
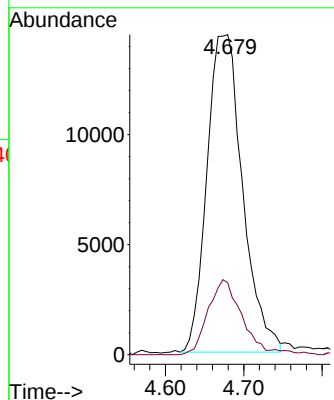
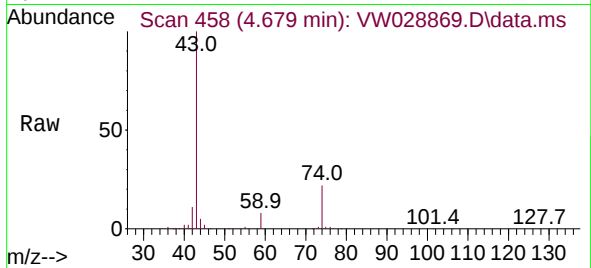




#15
Methyl Acetate
Concen: 17.683 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

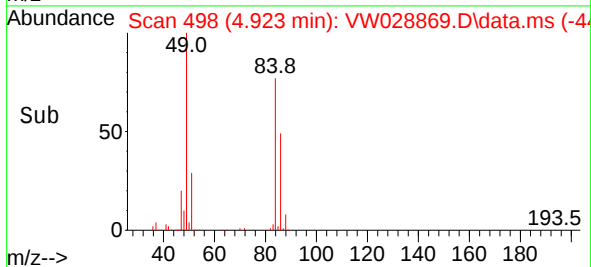
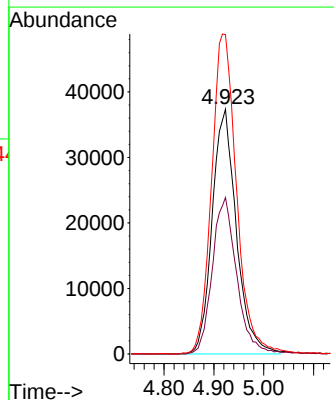
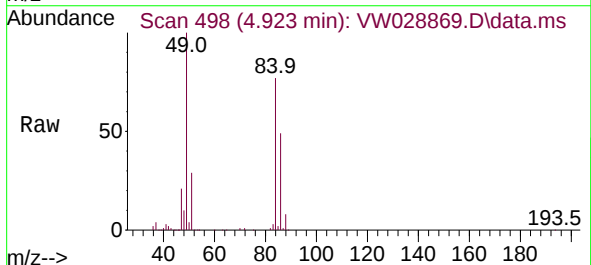
Instrument :
MSVOA_W
ClientSampleId :

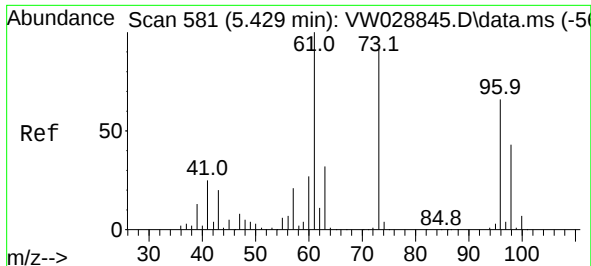
Tgt Ion: 43 Resp: 45623
Ion Ratio Lower Upper
43 100
74 21.7 17.6 26.4



#16
Methylene chloride
Concen: 24.746 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion: 84 Resp: 125931
Ion Ratio Lower Upper
84 100
86 63.9 44.4 82.4
49 130.5 100.2 186.2





#17

trans-1,2-Dichloroethene

Concen: 24.801 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :

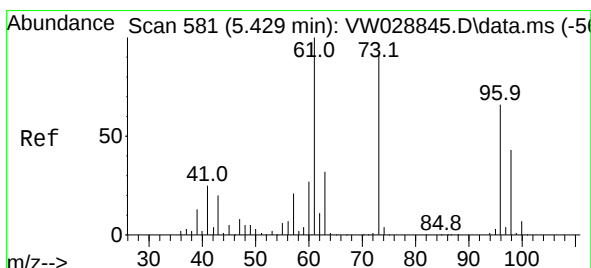
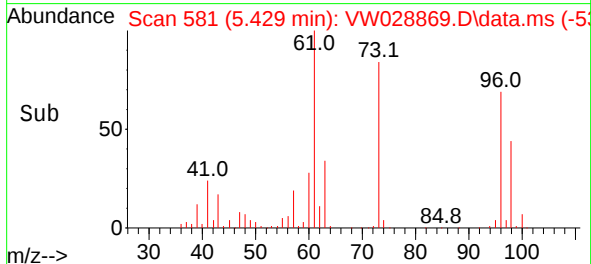
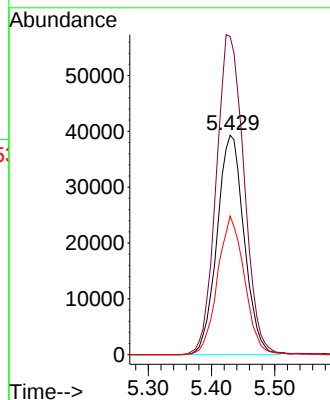
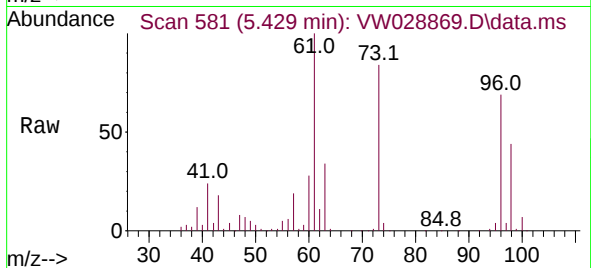
Tgt Ion: 96 Resp: 116929

Ion Ratio Lower Upper

96 100

61 144.9 109.0 202.4

98 63.1 44.2 82.0



#18

Methyl tert-butyl Ether

Concen: 23.760 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

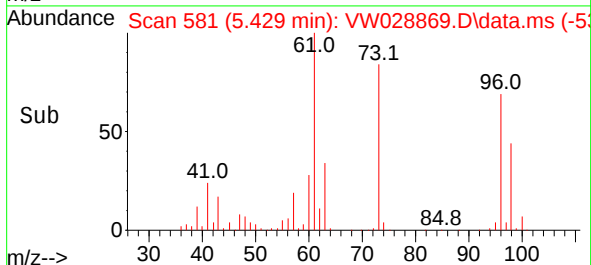
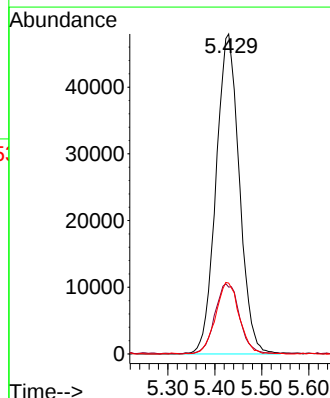
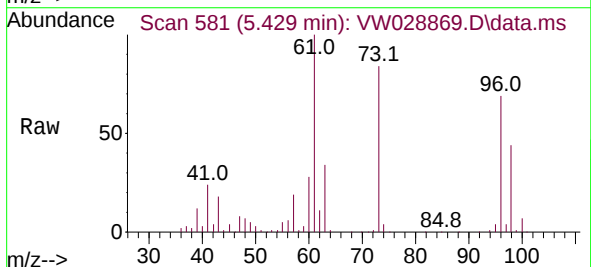
Tgt Ion: 73 Resp: 165310

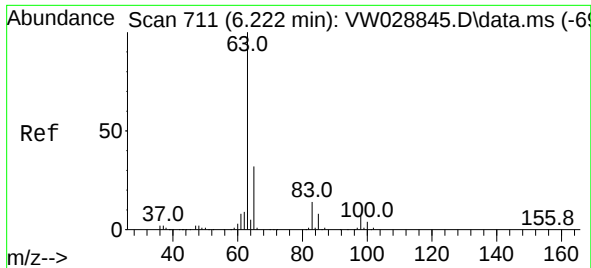
Ion Ratio Lower Upper

73 100

43 22.9 19.2 28.8

57 22.6 18.5 27.7





#19

1,1-Dichloroethane

Concen: 25.529 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

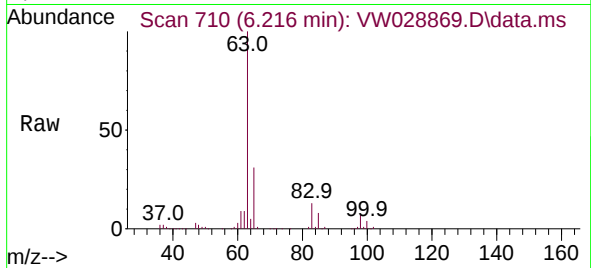
Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :



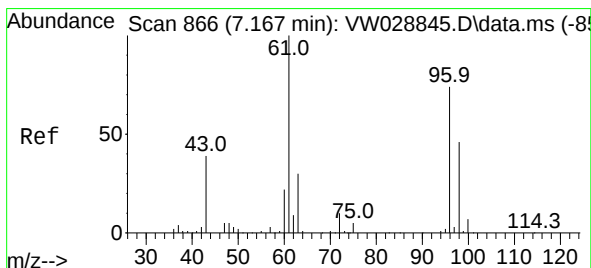
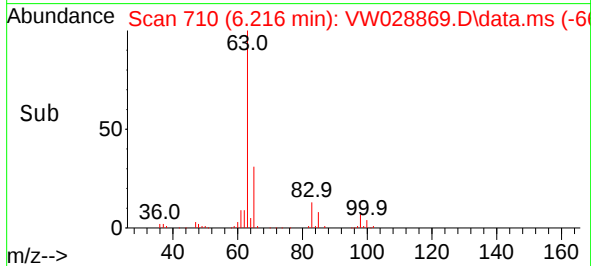
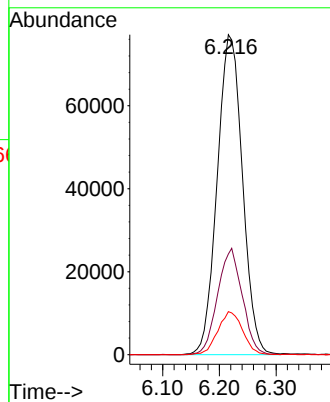
Tgt Ion: 63 Resp: 238674

Ion Ratio Lower Upper

63 100

65 31.5 22.9 42.5

83 13.5 9.0 16.8



#20

cis-1,2-Dichloroethene

Concen: 26.247 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

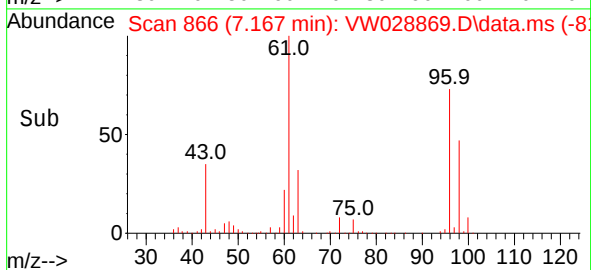
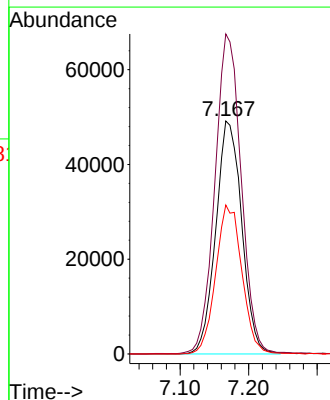
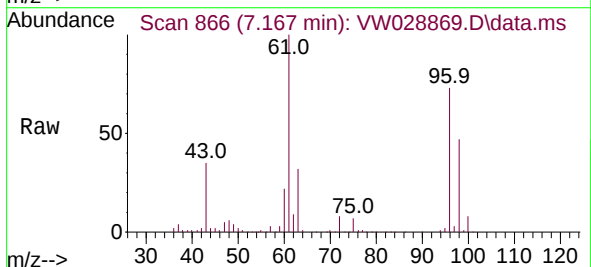
Tgt Ion: 96 Resp: 129508

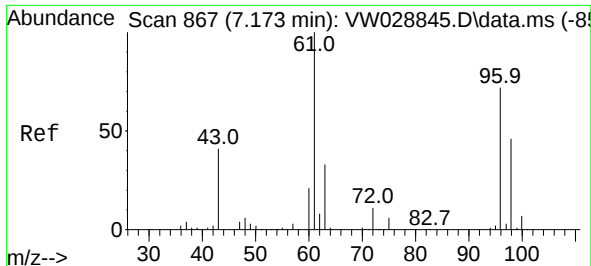
Ion Ratio Lower Upper

96 100

61 137.4 102.8 191.0

98 64.0 44.3 82.3





#22

2-Butanone

Concen: 35.540 ug/L

RT: 7.167 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

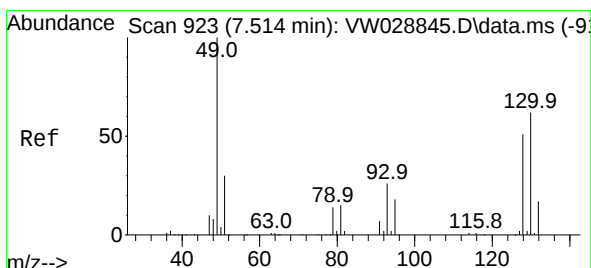
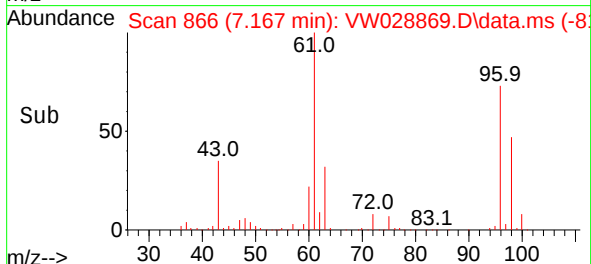
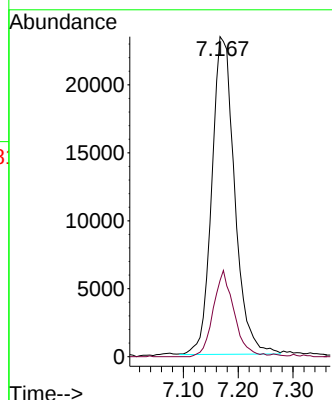
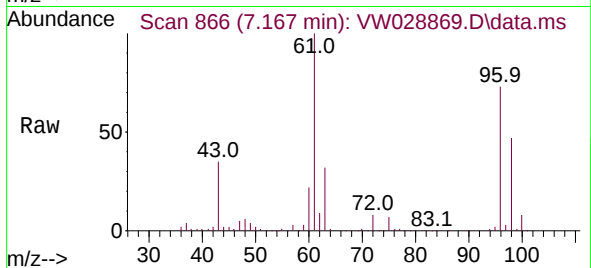
ClientSampleId :

Tgt Ion: 43 Resp: 67650

Ion Ratio Lower Upper

43 100

72 24.6 12.2 36.6



#23

Bromochloromethane

Concen: 24.703 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Tgt Ion: 128 Resp: 53170

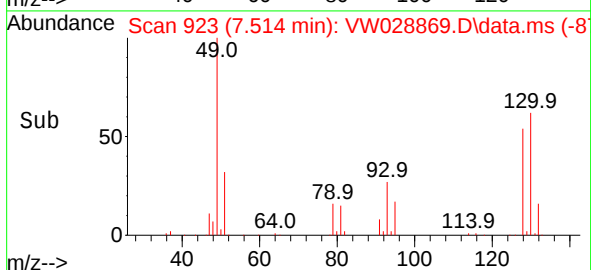
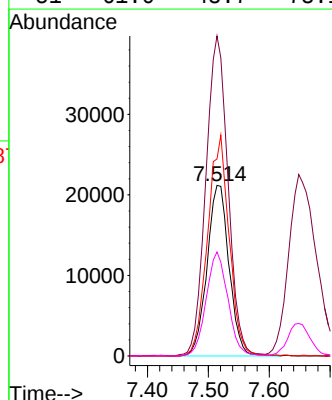
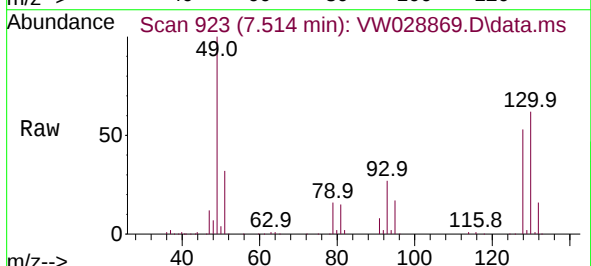
Ion Ratio Lower Upper

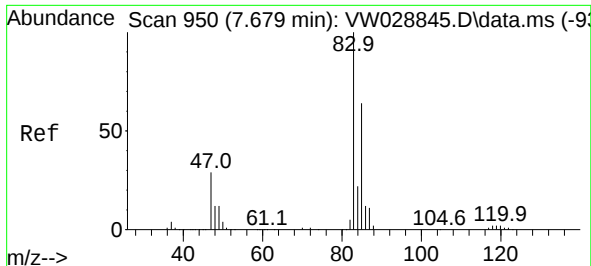
128 100

49 187.6 139.6 259.2

130 115.5 91.2 169.4

51 61.0 48.7 73.1





#25

Chloroform

Concen: 26.568 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

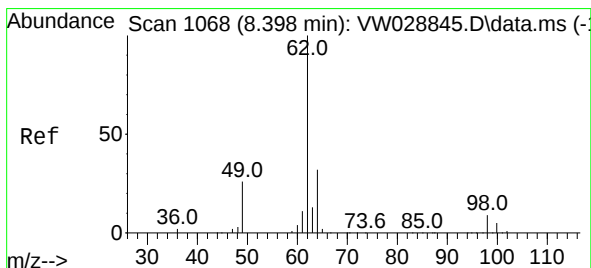
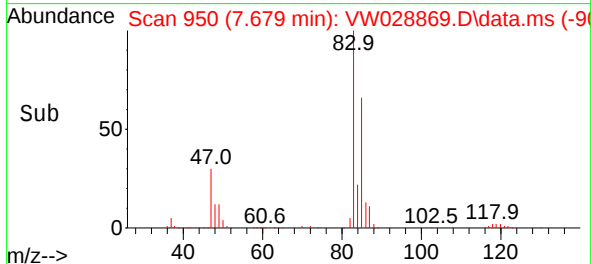
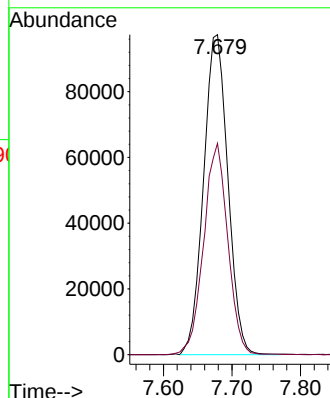
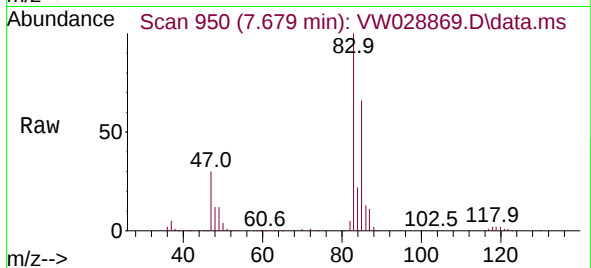
ClientSampleId :

Tgt Ion: 83 Resp: 240245

Ion Ratio Lower Upper

83 100

85 66.1 43.4 80.6



#27

1,2-Dichloroethane

Concen: 23.321 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW028869.D

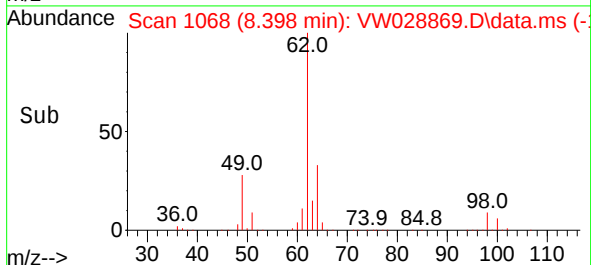
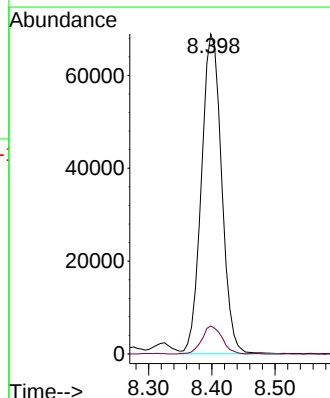
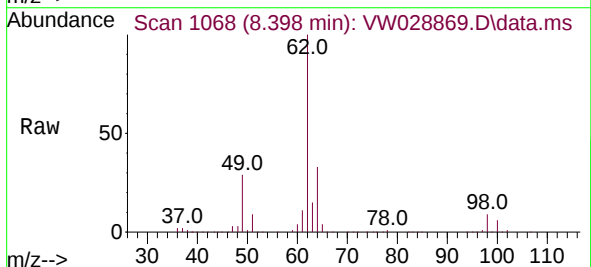
Acq: 29 May 2024 08:45

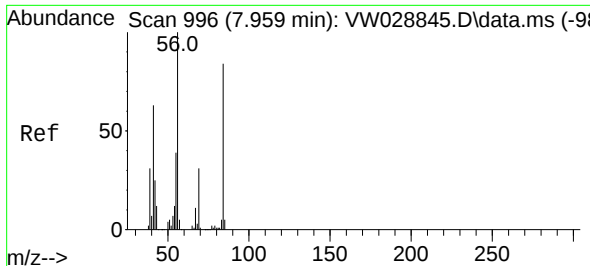
Tgt Ion: 62 Resp: 153298

Ion Ratio Lower Upper

62 100

98 8.8 7.0 10.6





#29

Cyclohexane

Concen: 23.430 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

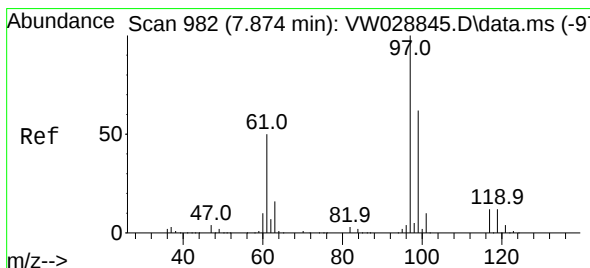
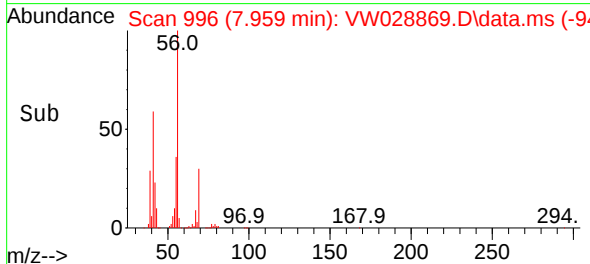
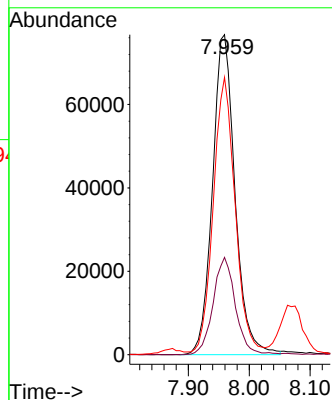
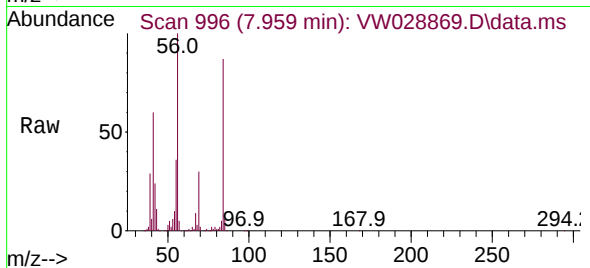
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 197649

Ion	Ratio	Lower	Upper
56	100		
69	29.8	23.4	35.0
84	84.5	65.8	98.8



#30

1,1,1-Trichloroethane

Concen: 26.053 ug/L

RT: 7.874 min Scan# 982

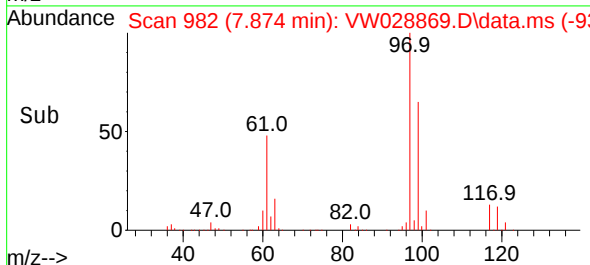
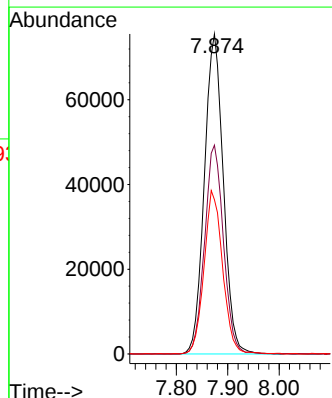
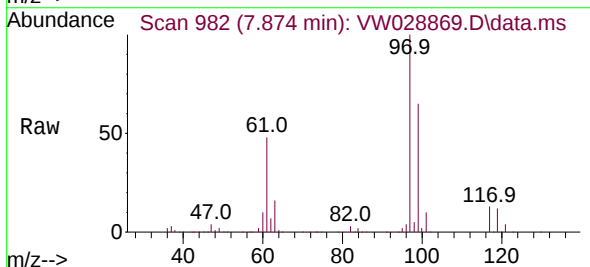
Delta R.T. -0.000 min

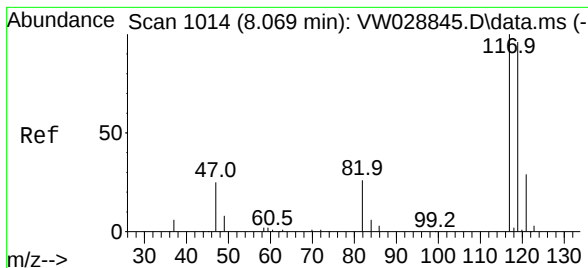
Lab File: VW028869.D

Acq: 29 May 2024 08:45

Tgt Ion: 97 Resp: 193160

Ion	Ratio	Lower	Upper
97	100		
99	64.8	50.9	76.3
61	50.1	41.0	61.6





#31

Carbon tetrachloride

Concen: 25.761 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

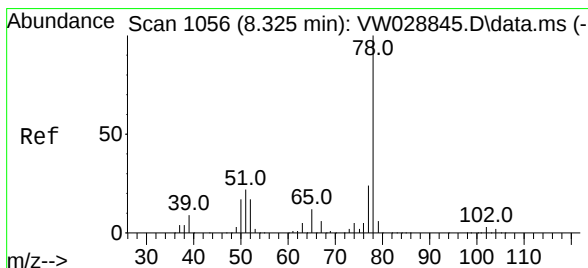
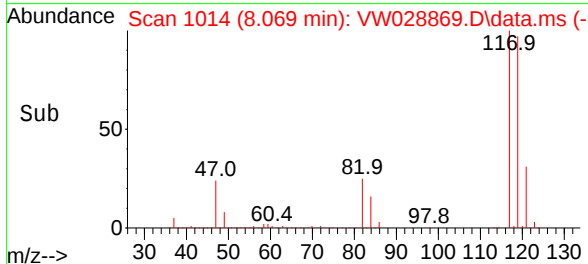
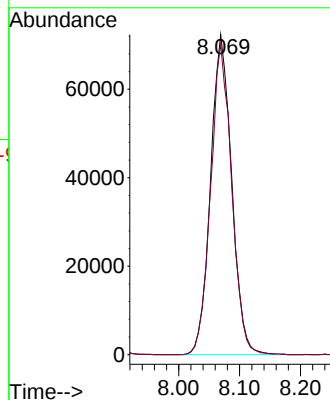
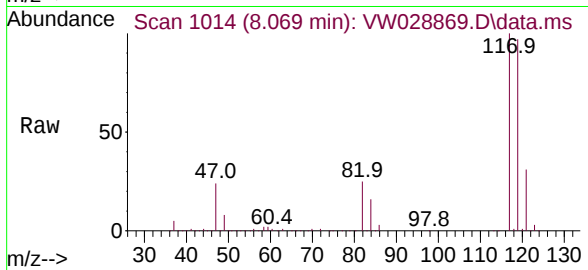
ClientSampleId :

Tgt Ion:117 Resp: 174139

Ion Ratio Lower Upper

117 100

119 96.4 77.2 115.8



#33

Benzene

Concen: 26.609 ug/L

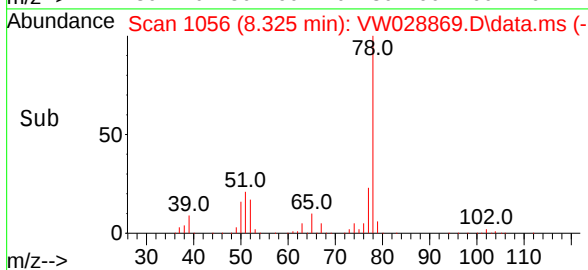
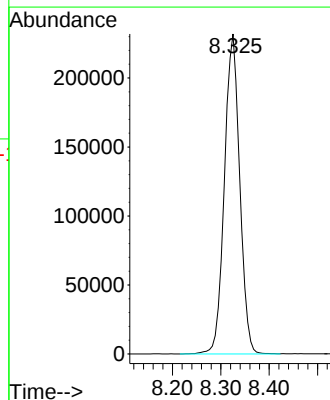
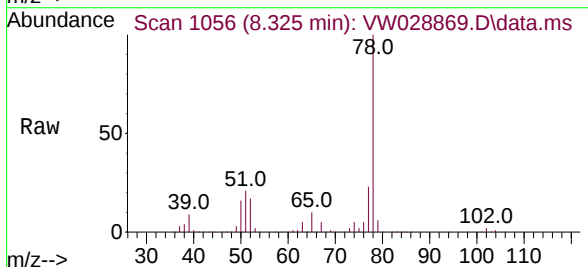
RT: 8.325 min Scan# 1056

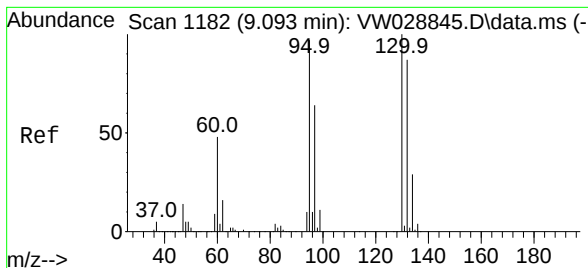
Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Tgt Ion: 78 Resp: 510510





#34

Trichloroethene

Concen: 26.109 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

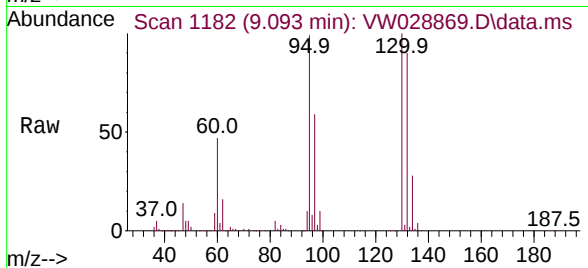
Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 134301

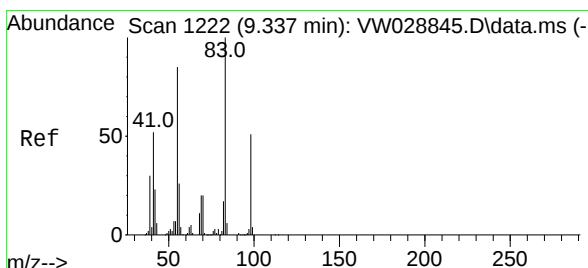
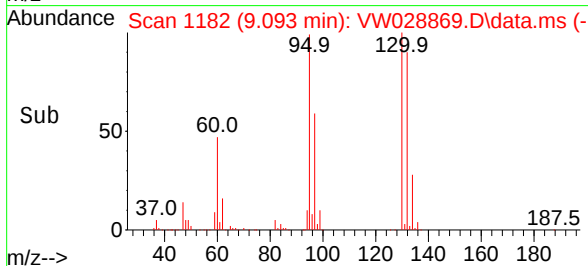
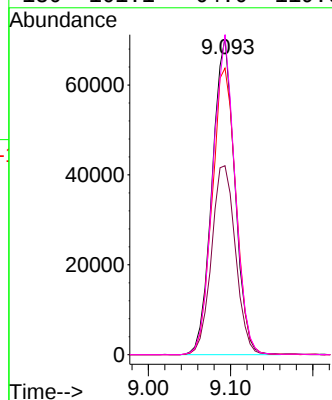
Ion Ratio Lower Upper

95 100

97 59.7 44.9 83.3

132 90.5 59.7 110.9

130 101.1 64.0 119.0



#35

Methylcyclohexane

Concen: 24.219 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

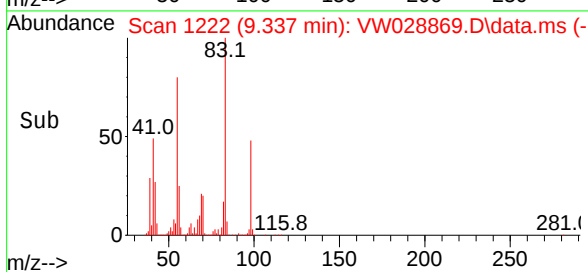
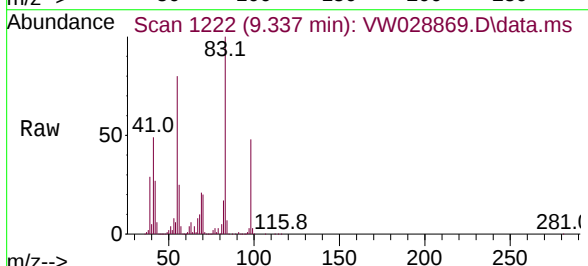
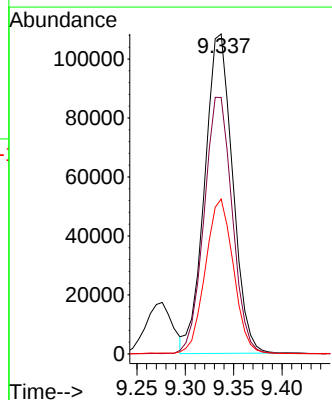
Tgt Ion: 83 Resp: 217714

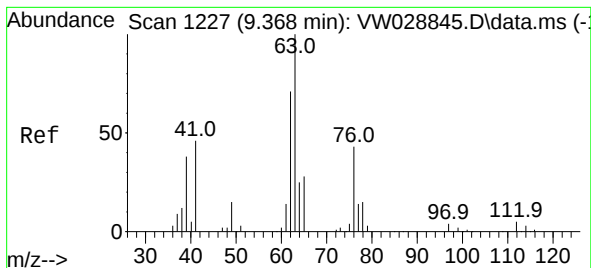
Ion Ratio Lower Upper

83 100

55 81.4 66.9 100.3

98 49.0 37.9 56.9





#37

1,2-Dichloropropane

Concen: 26.711 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

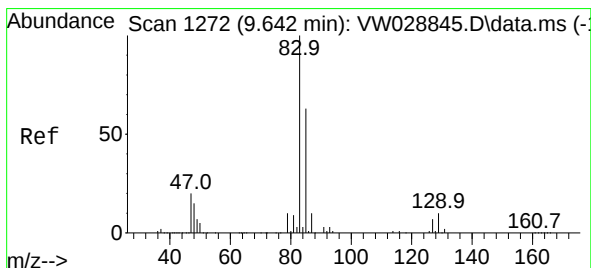
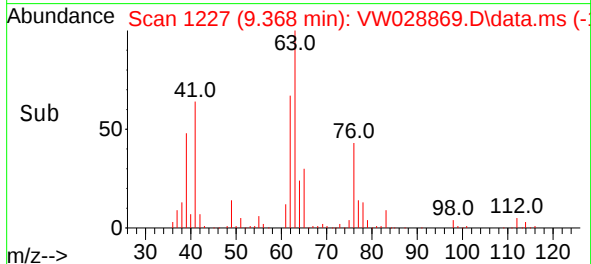
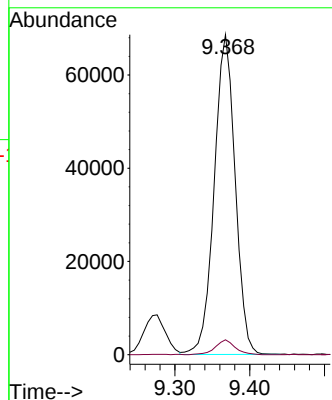
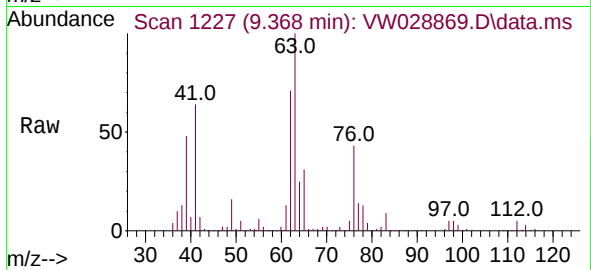
ClientSampleId :

Tgt Ion: 63 Resp: 133532

Ion Ratio Lower Upper

63 100

112 4.4 3.5 5.3



#38

Bromodichloromethane

Concen: 26.665 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

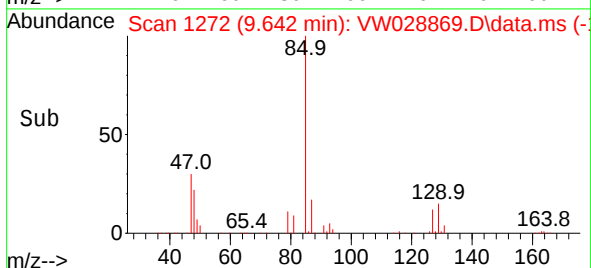
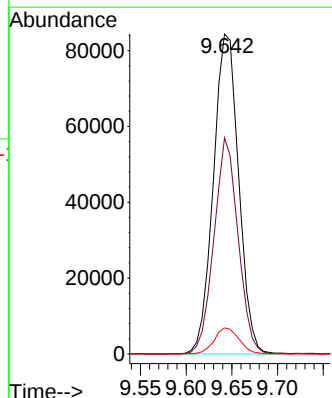
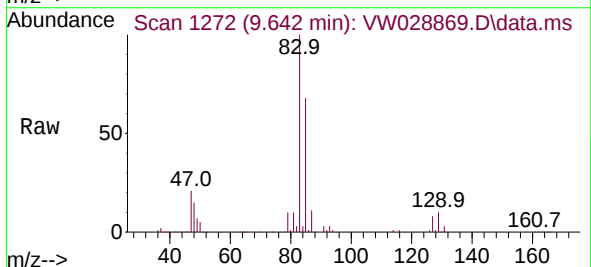
Tgt Ion: 83 Resp: 162494

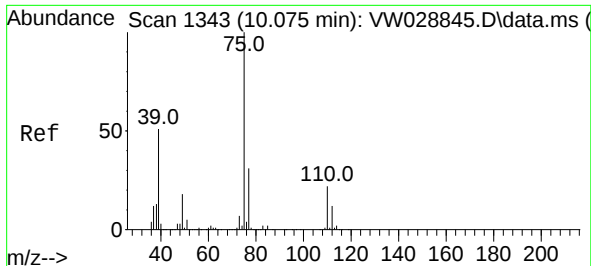
Ion Ratio Lower Upper

83 100

85 67.5 43.0 80.0

127 8.2 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 27.486 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

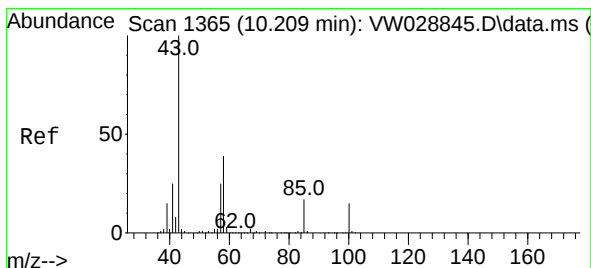
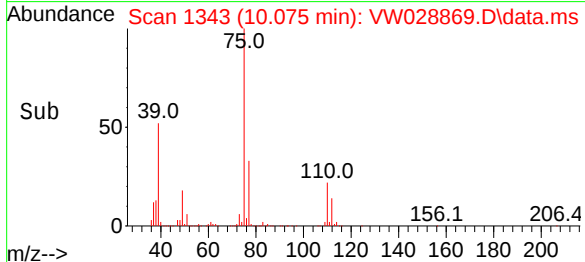
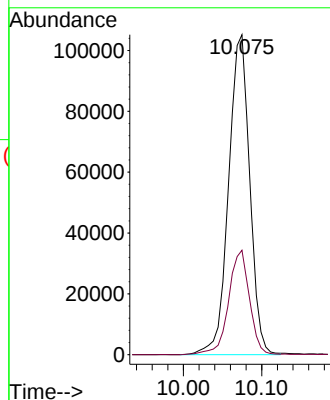
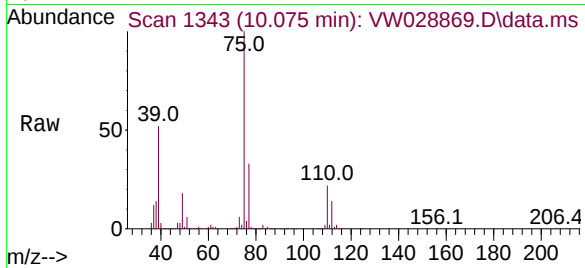
ClientSampleId :

Tgt Ion: 75 Resp: 196949

Ion Ratio Lower Upper

75 100

77 32.6 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 39.056 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

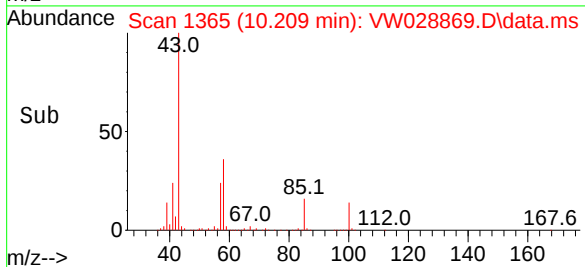
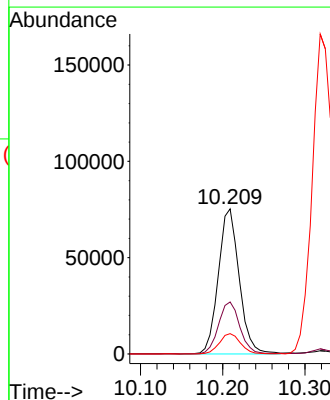
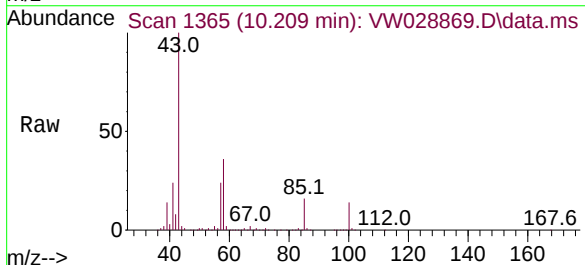
Tgt Ion: 43 Resp: 132885

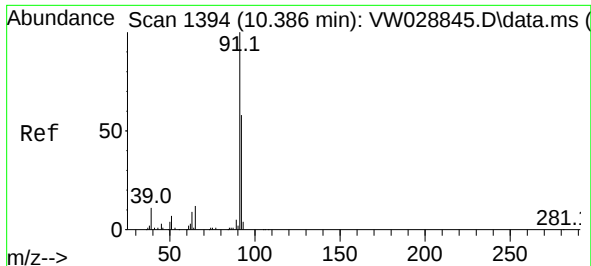
Ion Ratio Lower Upper

43 100

58 36.8 29.2 43.8

100 14.3 11.0 16.4





#42

Toluene

Concen: 27.076 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

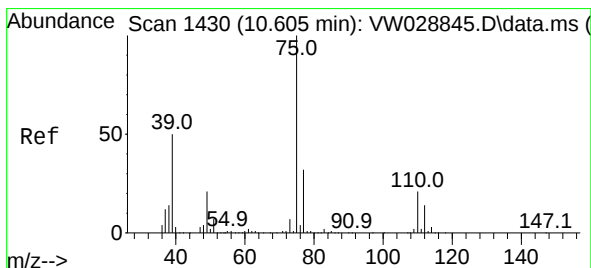
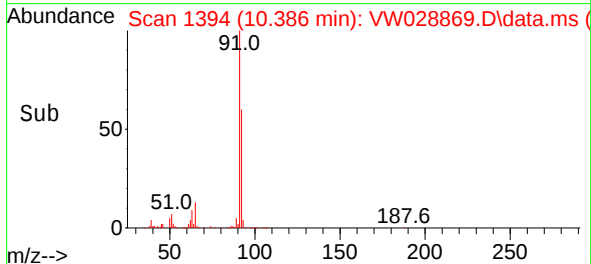
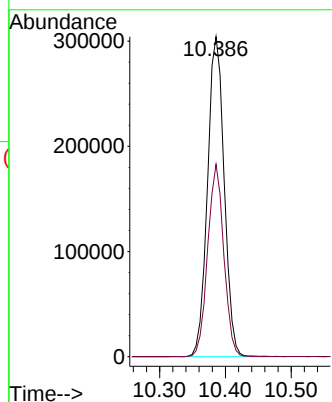
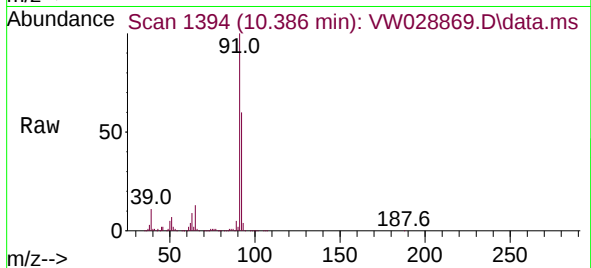
ClientSampleId :

Tgt Ion: 91 Resp: 536515

Ion Ratio Lower Upper

91 100

92 60.1 42.5 78.9



#44

trans-1,3-Dichloropropene

Concen: 25.981 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW028869.D

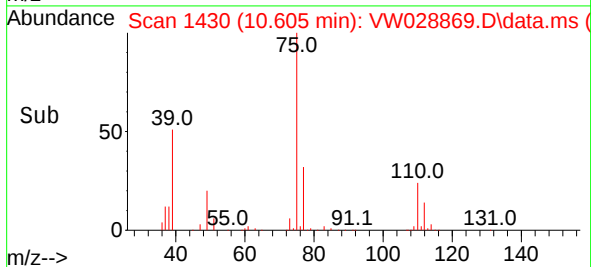
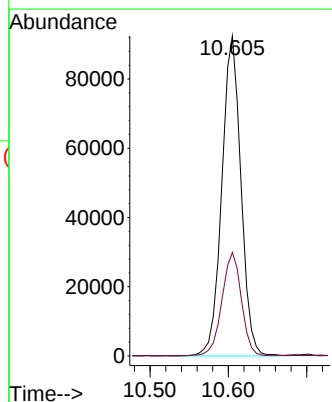
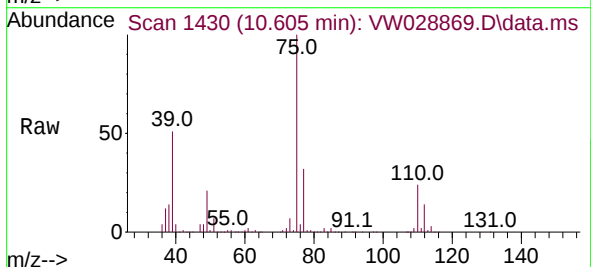
Acq: 29 May 2024 08:45

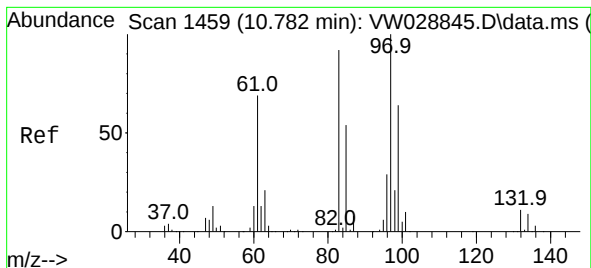
Tgt Ion: 75 Resp: 156963

Ion Ratio Lower Upper

75 100

77 32.3 22.5 41.9





#45

1,1,2-Trichloroethane

Concen: 24.439 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

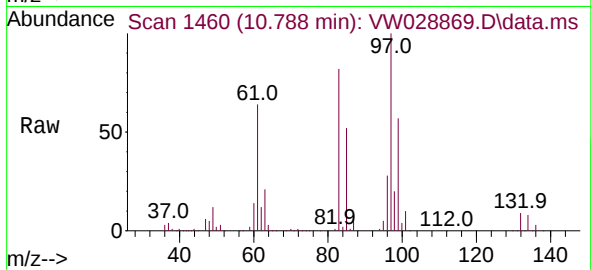
Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 88505

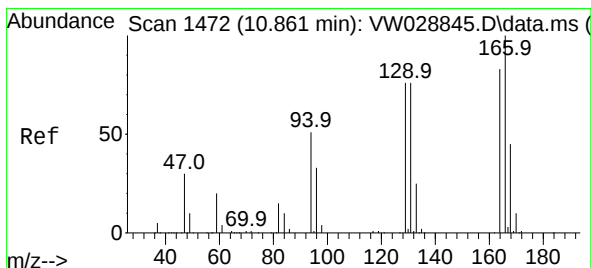
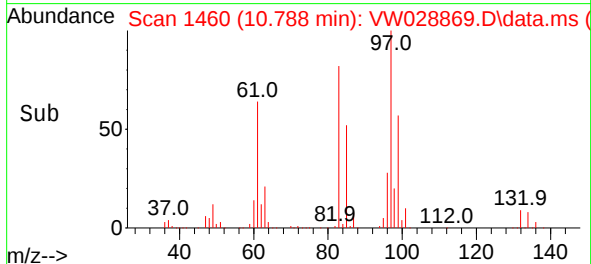
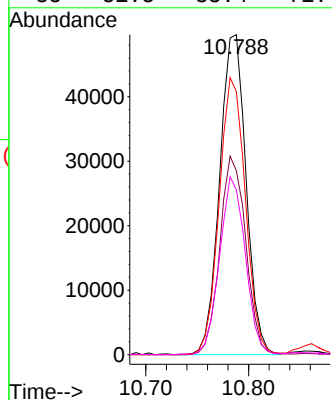
Ion Ratio Lower Upper

97 100

99 57.4 41.9 77.9

83 82.2 62.1 115.3

85 51.5 38.4 71.4



#46

Tetrachloroethene

Concen: 26.894 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Tgt Ion:164 Resp: 99670

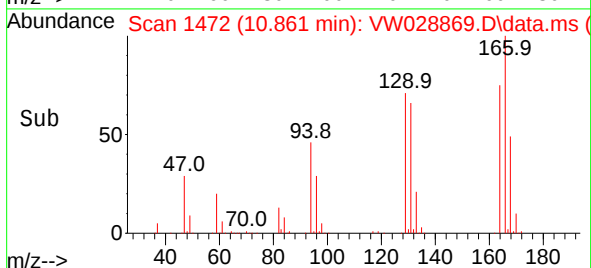
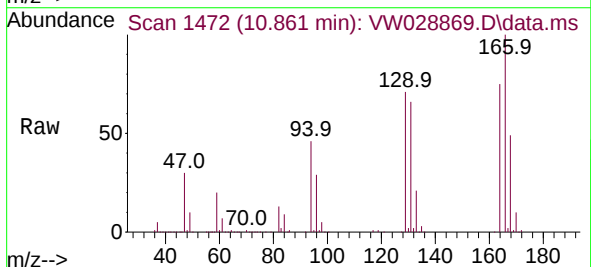
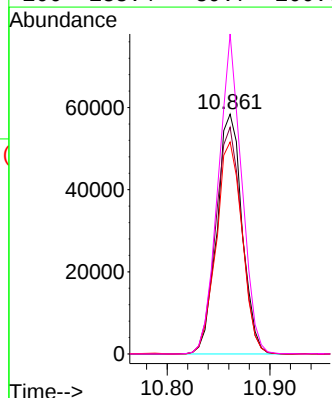
Ion Ratio Lower Upper

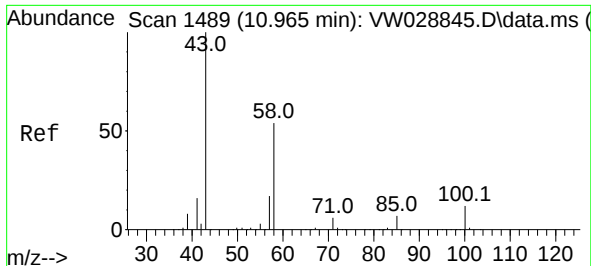
164 100

129 94.5 69.2 128.6

131 88.4 67.7 125.7

166 133.4 89.7 166.7

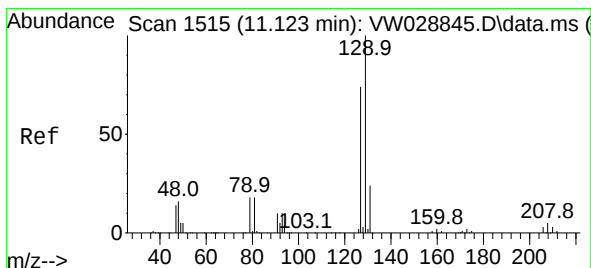
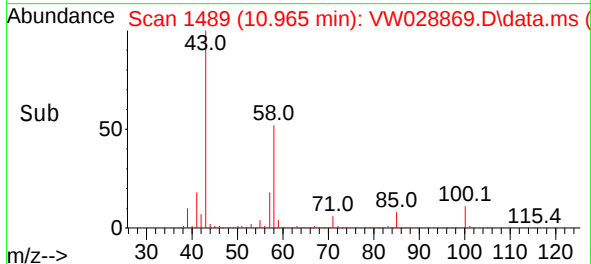
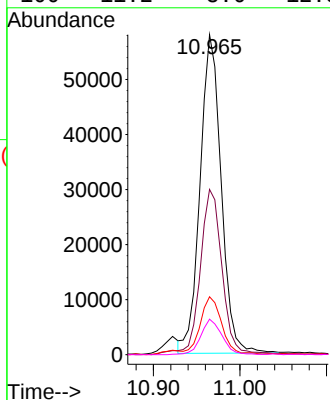
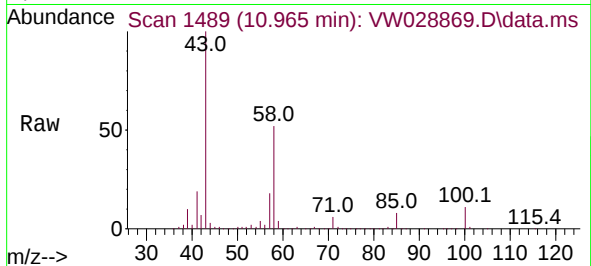




#48
2-Hexanone
Concen: 40.881 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

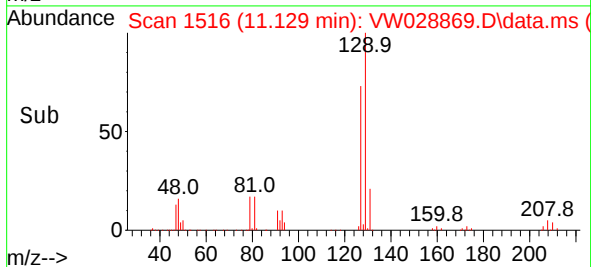
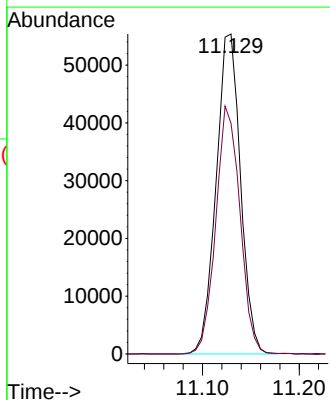
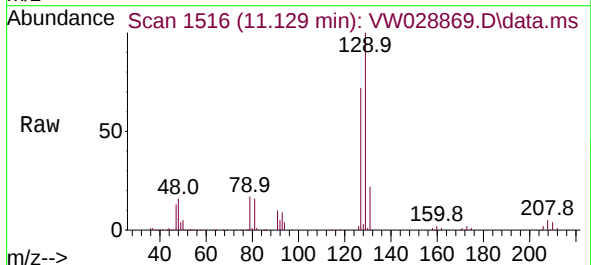
Instrument :
MSVOA_W
ClientSampleId :

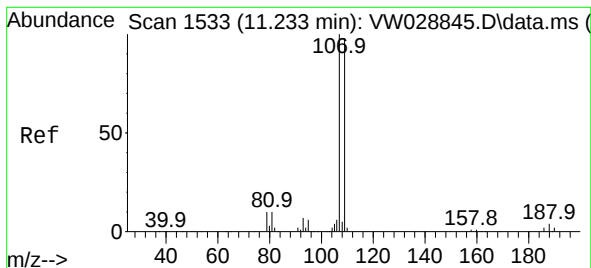
Tgt Ion:	43	Resp:	98199
Ion	Ratio	Lower	Upper
43	100		
58	53.9	41.0	61.4
57	17.9	14.8	22.2
100	11.2	8.6	12.8



#49
Dibromochloromethane
Concen: 26.727 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion:	129	Resp:	97085
Ion	Ratio	Lower	Upper
129	100		
127	72.1	54.3	100.8





#50

1,2-Dibromoethane

Concen: 23.243 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

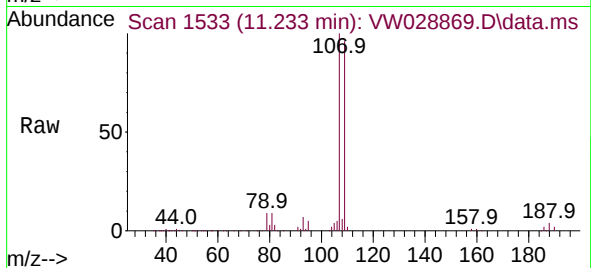
Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :



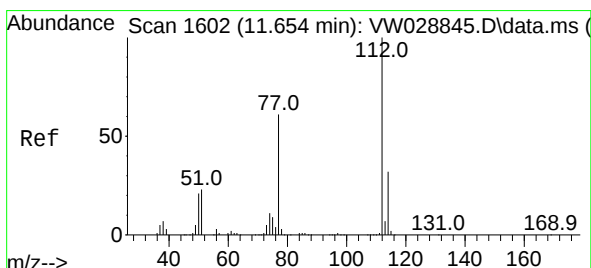
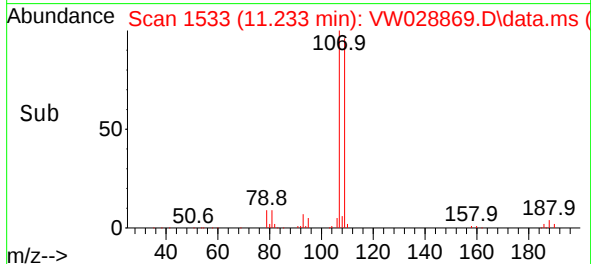
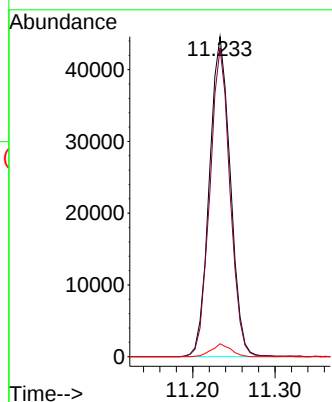
Tgt Ion:107 Resp: 78848

Ion Ratio Lower Upper

107 100

109 96.4 64.2 119.2

188 4.0 3.1 4.7



#51

Chlorobenzene

Concen: 27.465 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

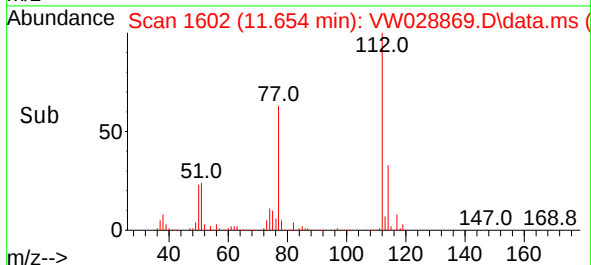
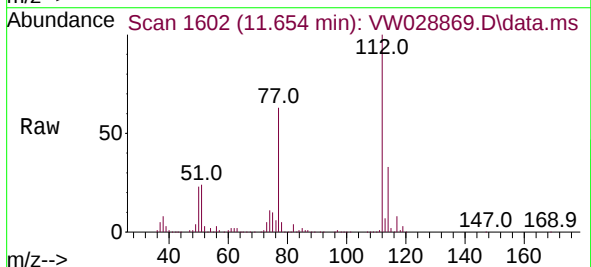
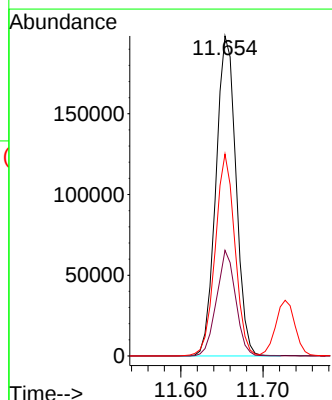
Tgt Ion:112 Resp: 336647

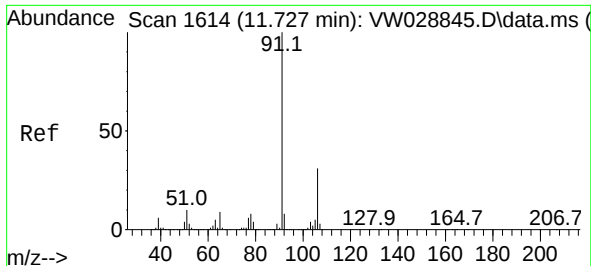
Ion Ratio Lower Upper

112 100

114 33.0 22.2 41.2

77 63.1 50.8 76.2





#52

Ethylbenzene

Concen: 27.232 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

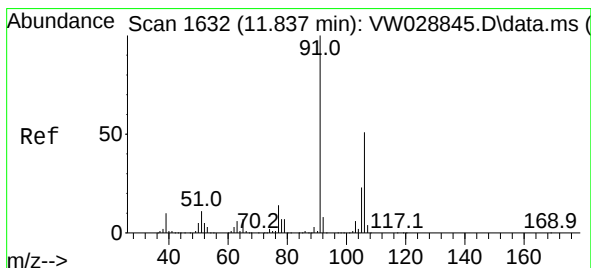
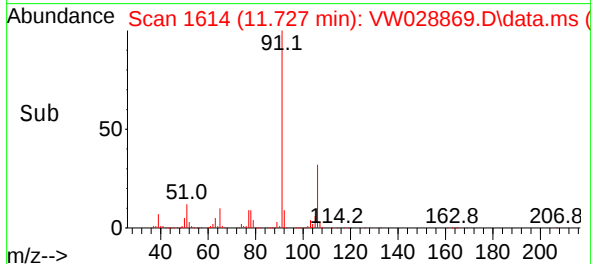
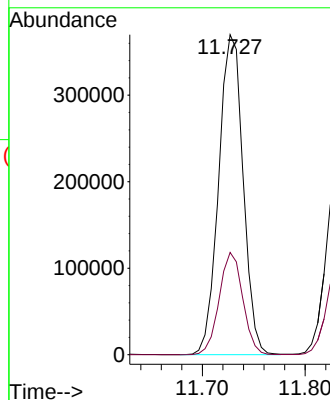
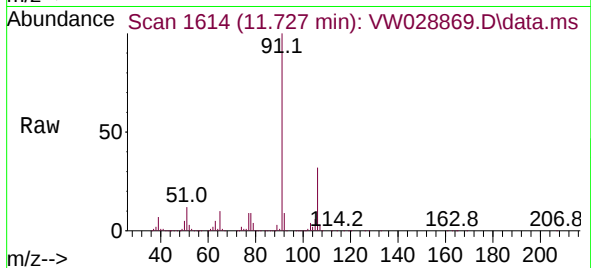
ClientSampleId :

Tgt Ion: 91 Resp: 610678

Ion Ratio Lower Upper

91 100

106 31.9 22.7 42.1



#53

m,p-Xylene

Concen: 27.889 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW028869.D

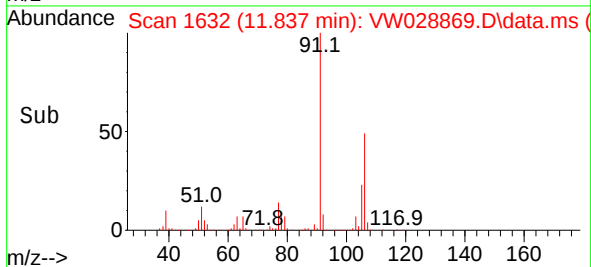
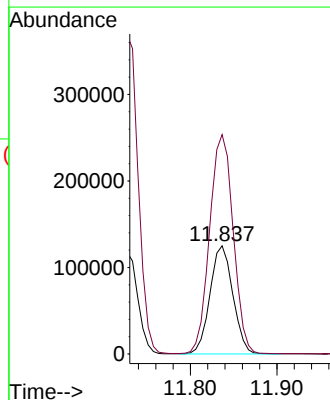
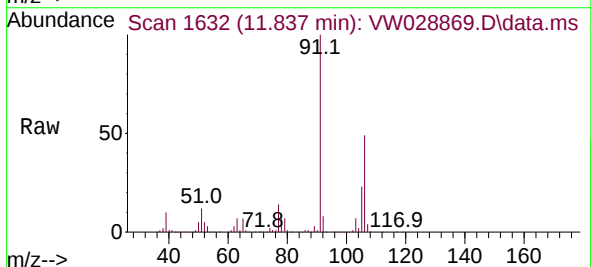
Acq: 29 May 2024 08:45

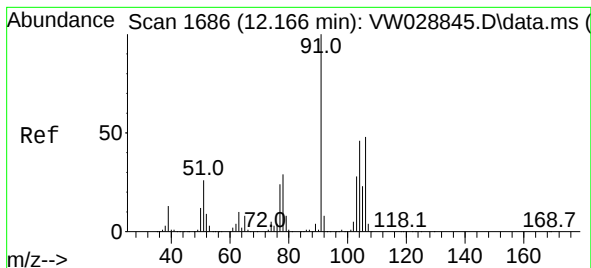
Tgt Ion:106 Resp: 229248

Ion Ratio Lower Upper

106 100

91 203.0 146.6 272.2

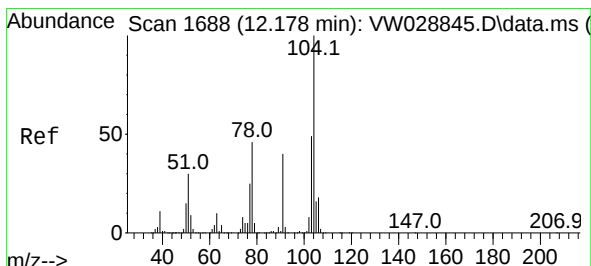
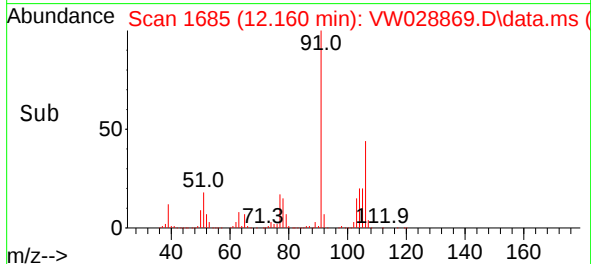
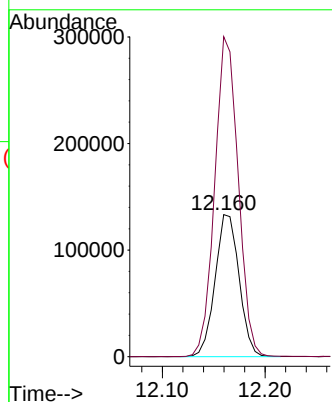
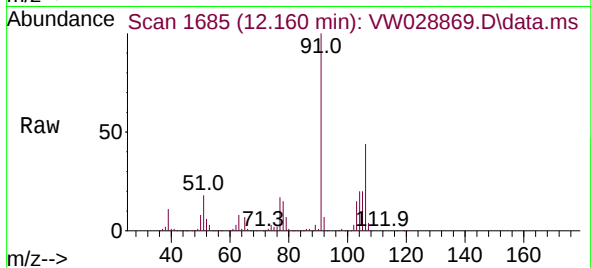




#54
o-Xylene
Concen: 28.397 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

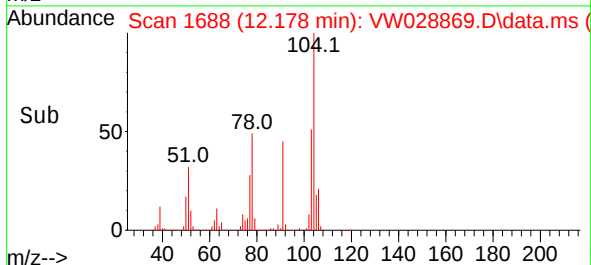
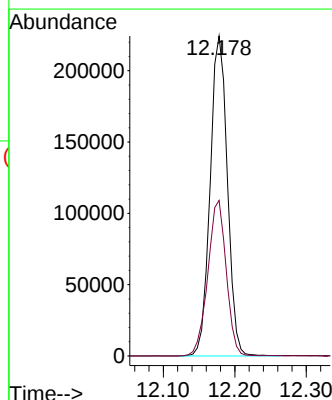
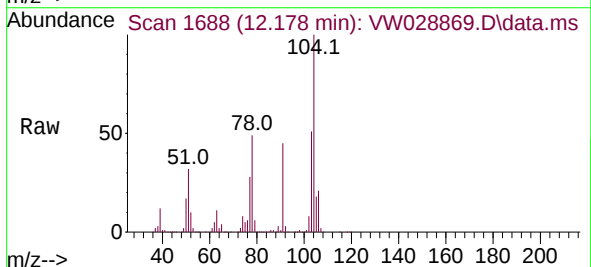
Instrument :
MSVOA_W
ClientSampleId :

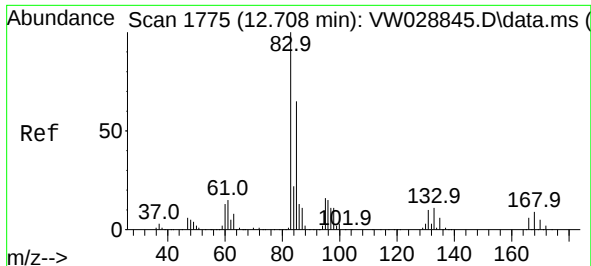
Tgt Ion:106 Resp: 215944
Ion Ratio Lower Upper
106 100
91 225.2 154.3 286.5



#55
Styrene
Concen: 29.117 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion:104 Resp: 375180
Ion Ratio Lower Upper
104 100
78 48.6 34.1 63.3





#57

1,1,2,2-Tetrachloroethane

Concen: 21.823 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028869.D

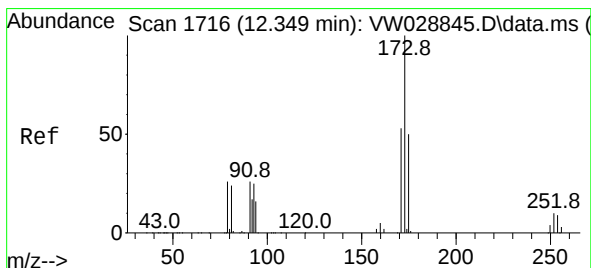
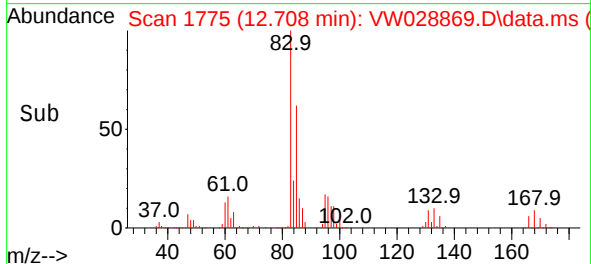
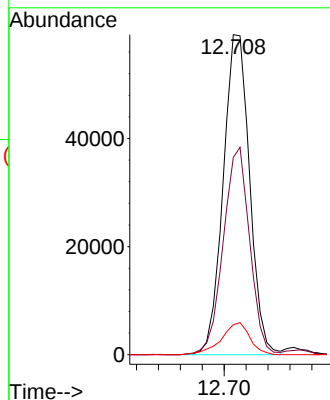
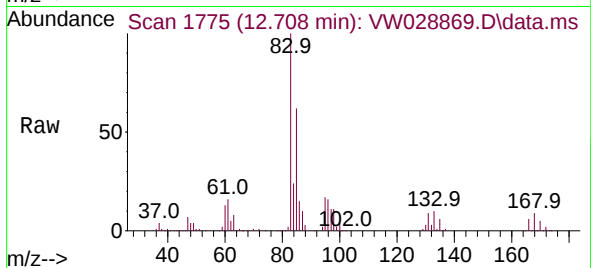
Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	99155
Ion Ratio	Lower	Upper	
83	100		
85	61.7	45.6	84.6
131	9.3	7.3	10.9



#59

Bromoform

Concen: 22.810 ug/L

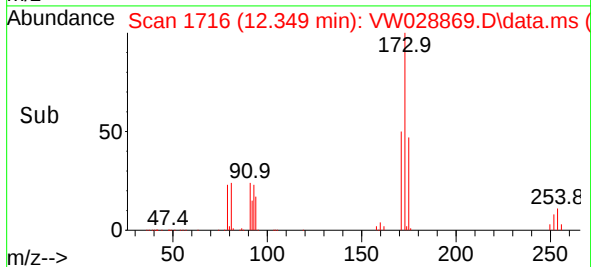
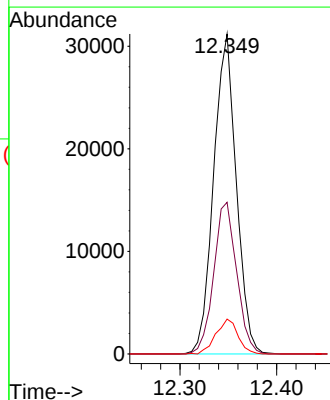
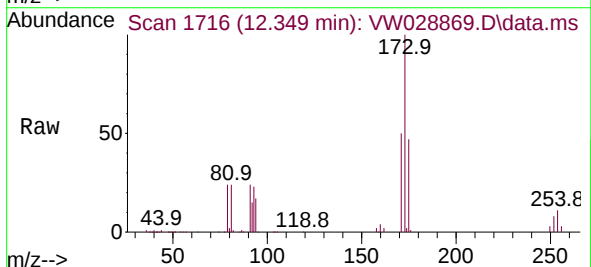
RT: 12.349 min Scan# 1716

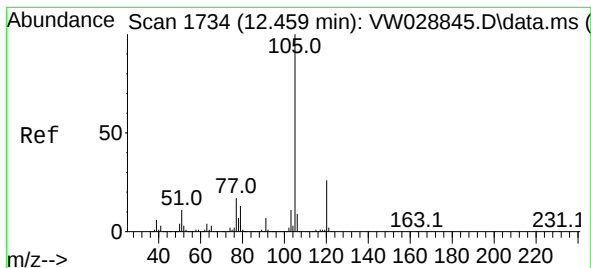
Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

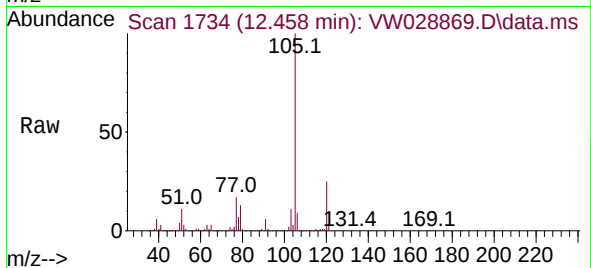
Tgt Ion:	173	Resp:	50732
Ion Ratio	Lower	Upper	
173	100		
175	47.9	39.8	59.8
254	10.6	7.1	10.7



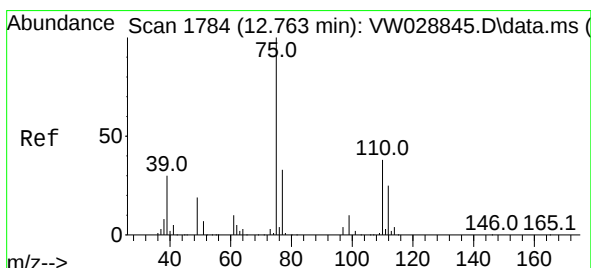
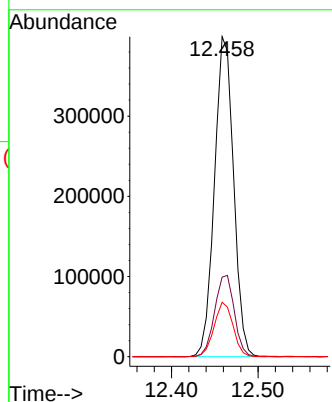
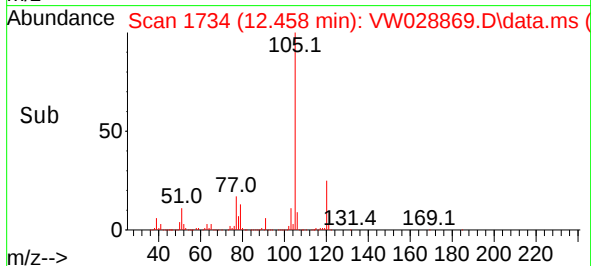


#60
Isopropylbenzene
Concen: 26.498 ug/L
RT: 12.458 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

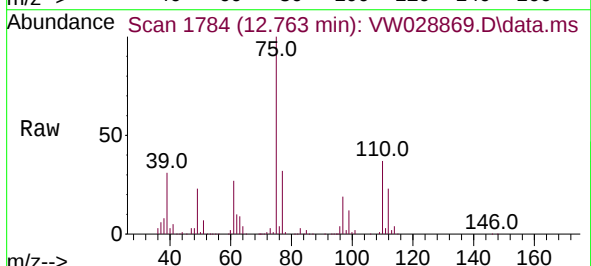
Instrument :
MSVOA_W
ClientSampleId :



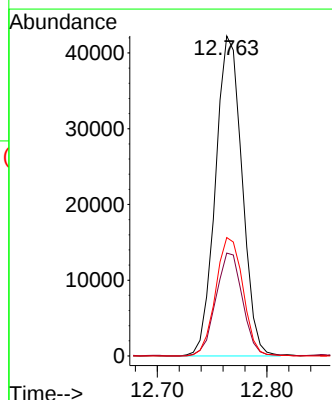
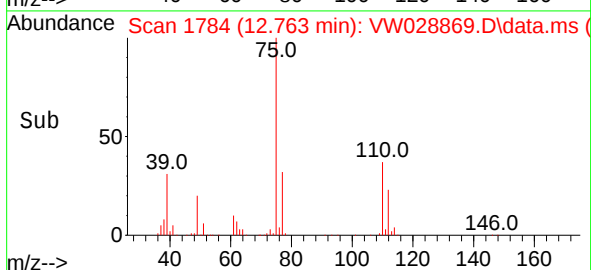
Tgt Ion:105 Resp: 612869
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 16.8 13.4 20.2

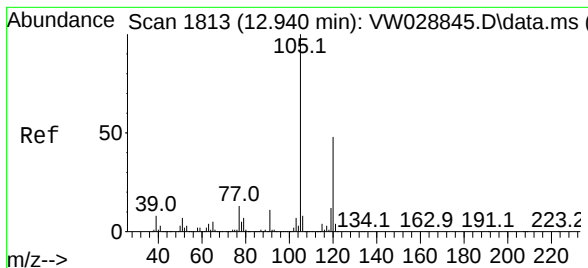


#61
1,2,3-Trichloropropane
Concen: 19.344 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45



Tgt Ion: 75 Resp: 71270
Ion Ratio Lower Upper
75 100
77 32.4 25.9 38.9
110 38.0 30.6 45.8

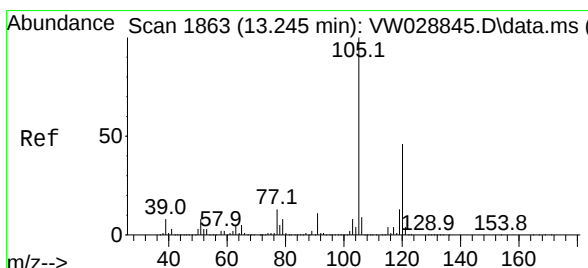
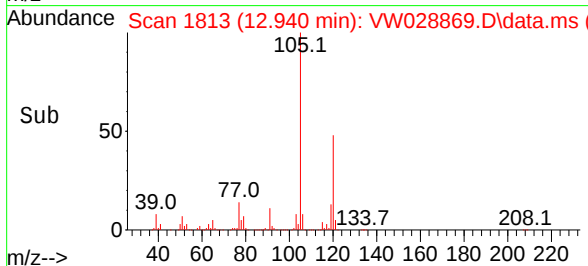
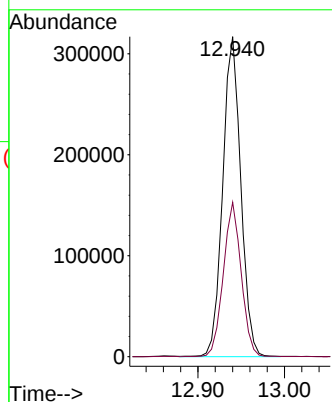
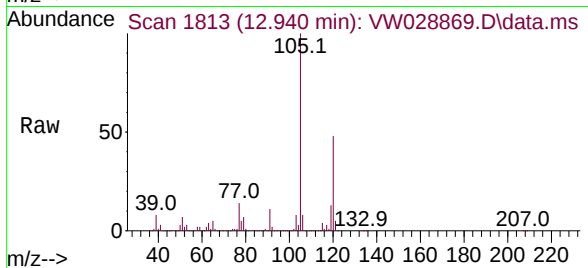




#62
1,3,5-Trimethylbenzene
Concen: 28.125 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

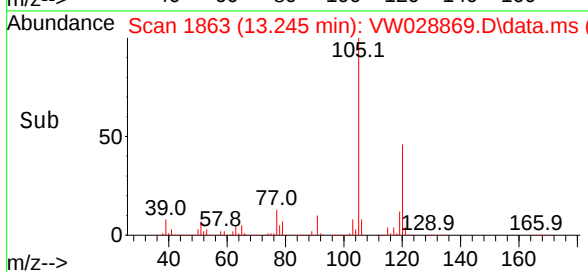
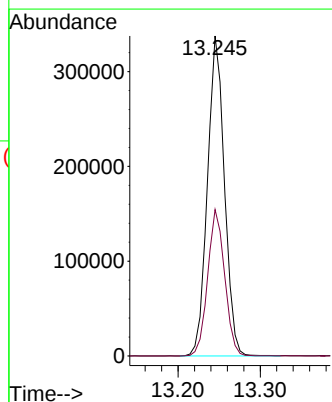
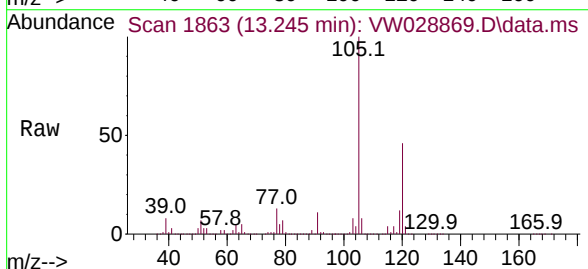
Instrument :
MSVOA_W
ClientSampleId :

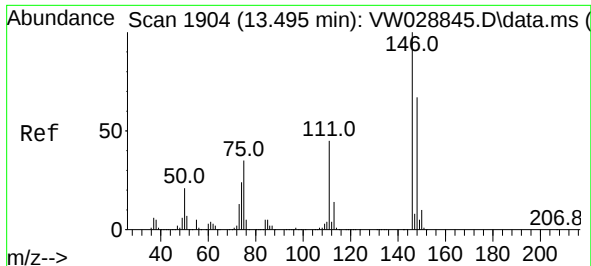
Tgt Ion:105 Resp: 460241
Ion Ratio Lower Upper
105 100
120 47.6 37.4 56.2



#63
1,2,4-Trimethylbenzene
Concen: 27.512 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion:105 Resp: 485098
Ion Ratio Lower Upper
105 100
120 45.7 34.1 51.1

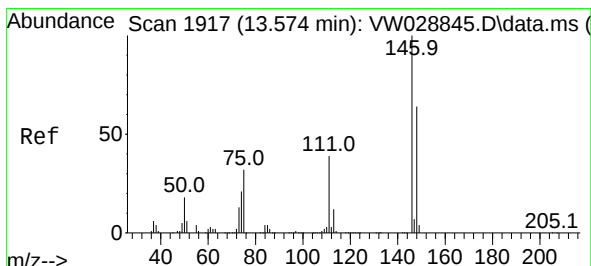
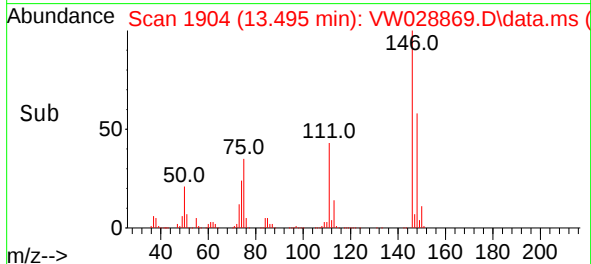
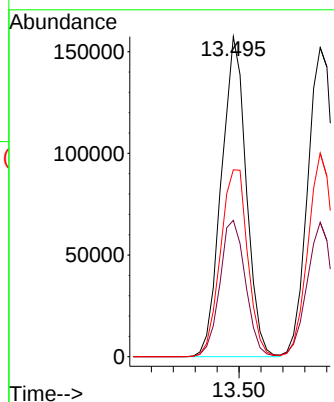
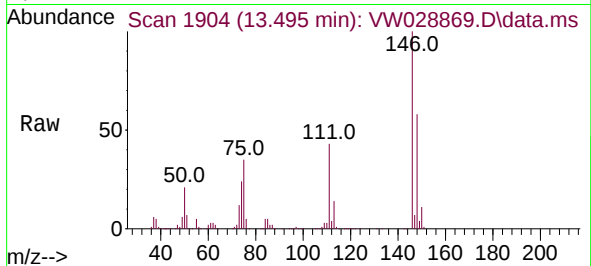




#64
1,3-Dichlorobenzene
Concen: 25.796 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

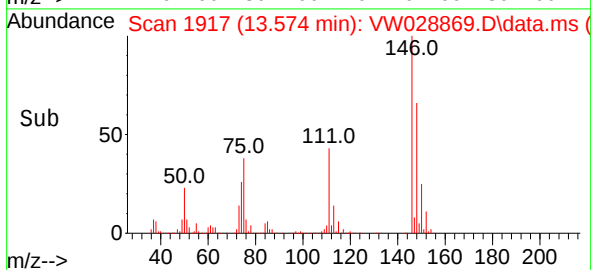
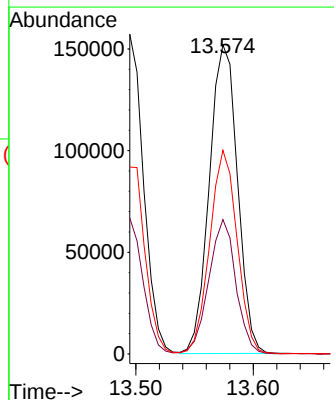
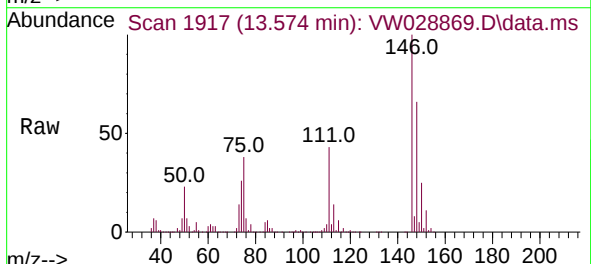
Instrument :
MSVOA_W
ClientSampleId :

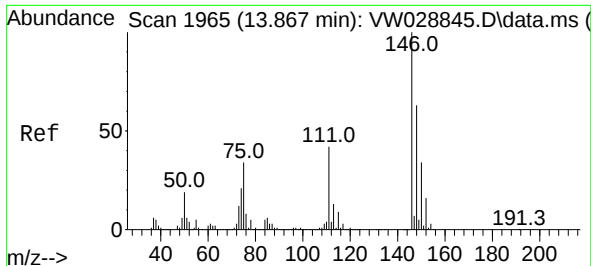
Tgt Ion:146 Resp: 248203
Ion Ratio Lower Upper
146 100
111 42.6 30.7 57.1
148 58.4 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 25.768 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

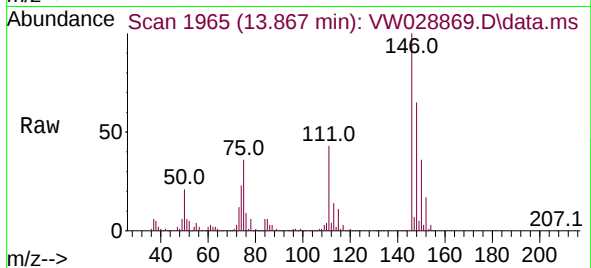
Tgt Ion:146 Resp: 253473
Ion Ratio Lower Upper
146 100
111 43.5 29.1 54.1
148 65.9 41.2 76.6



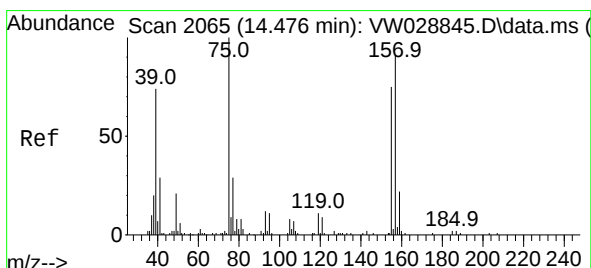
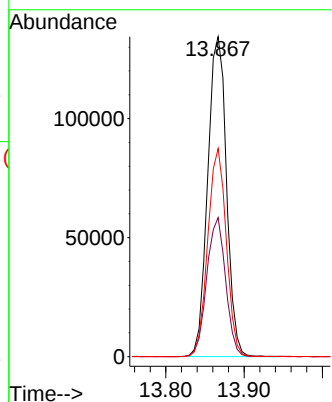
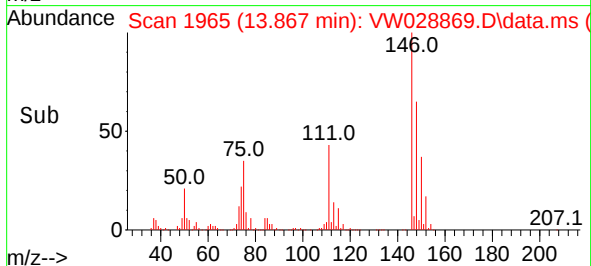


#67
1,2-Dichlorobenzene
Concen: 25.940 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

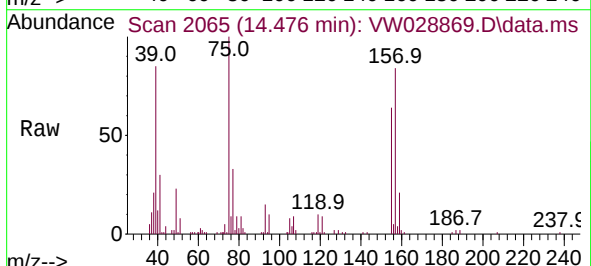
Instrument :
MSVOA_W
ClientSampleId :



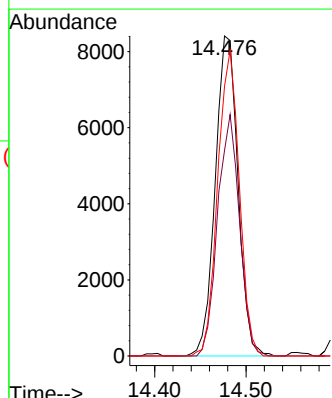
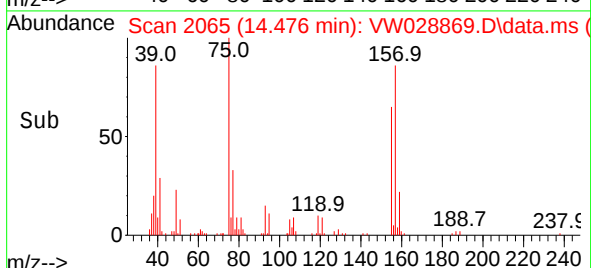
Tgt Ion:146 Resp: 223392
Ion Ratio Lower Upper
146 100
111 43.5 34.7 52.1
148 65.0 51.8 77.8

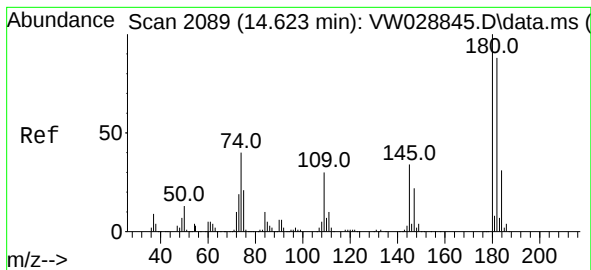


#68
1,2-Dibromo-3-chloropropane
Concen: 16.895 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45



Tgt Ion: 75 Resp: 14554
Ion Ratio Lower Upper
75 100
155 64.2 55.1 82.7
157 84.2 68.6 102.8





#69

1,3,5-Trichlorobenzene

Concen: 24.907 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 160809

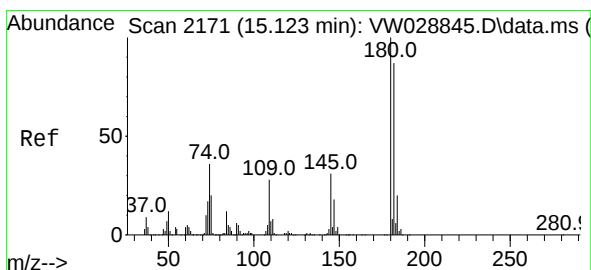
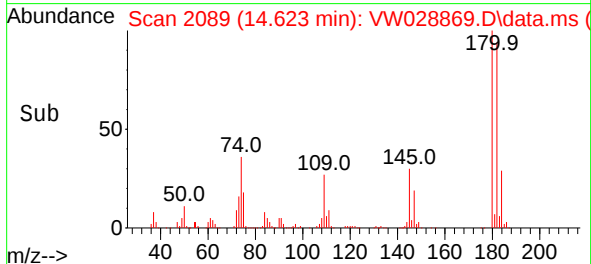
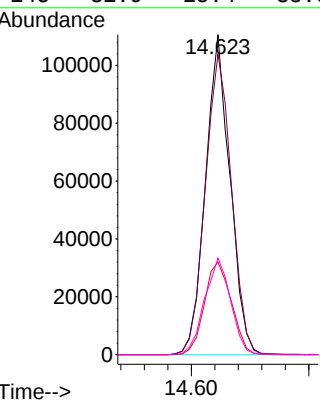
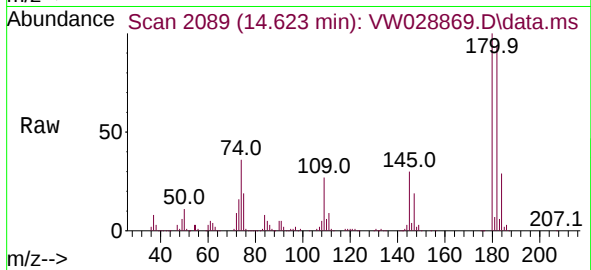
Ion Ratio Lower Upper

180 100

182 100.1 75.4 113.2

184 31.7 24.0 36.0

145 31.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.897 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW028869.D

Acq: 29 May 2024 08:45

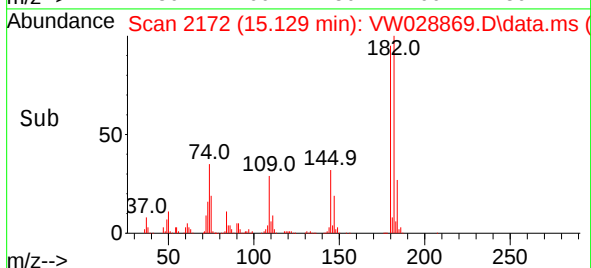
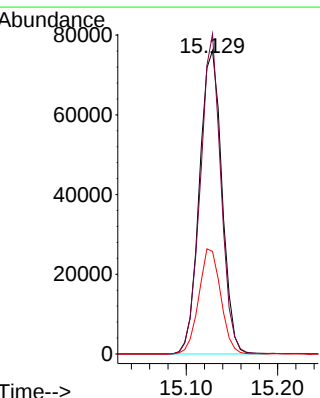
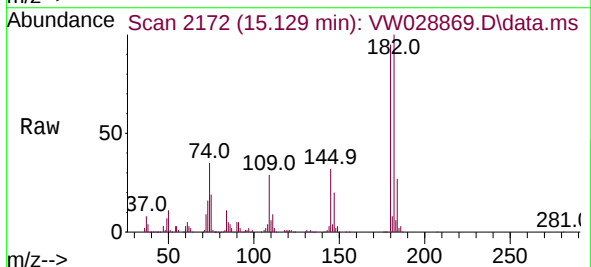
Tgt Ion:180 Resp: 129882

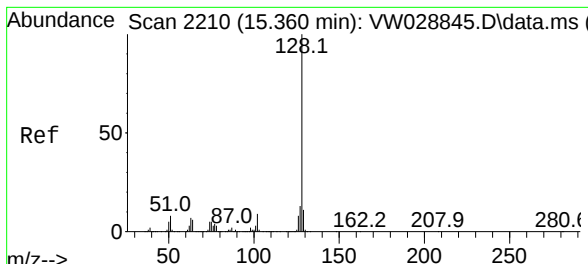
Ion Ratio Lower Upper

180 100

182 96.7 77.2 115.8

145 33.9 26.6 39.8



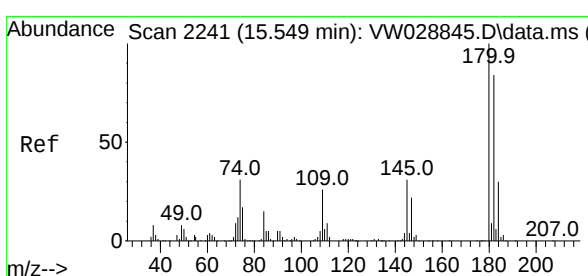
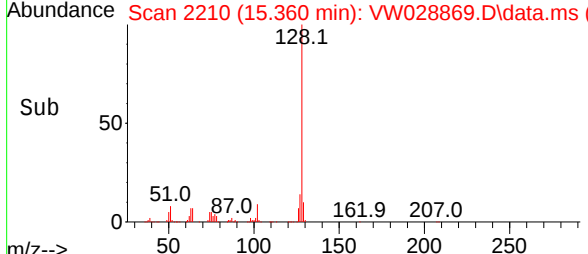
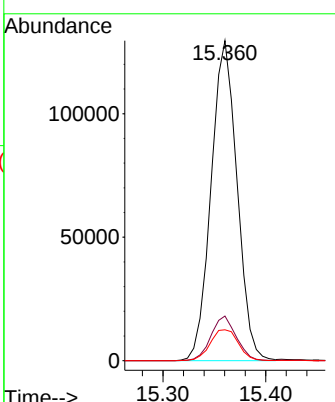
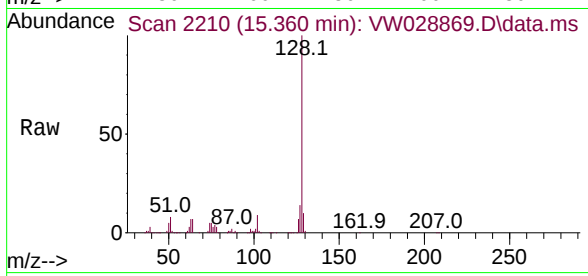


#71
Naphthalene
Concen: 20.448 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 227278

Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.6	15.8
129	10.5	8.5	12.7



#72
1,2,3-Trichlorobenzene
Concen: 24.163 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW028869.D
Acq: 29 May 2024 08:45

Tgt Ion:180 Resp: 113745

Ion	Ratio	Lower	Upper
180	100		
182	93.1	76.1	114.1
145	33.4	28.3	42.5

