

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031232.D
 Acq On : 13 Dec 2024 12:00
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 14 00:34:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:28:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	701736	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	612447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	287329	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	272795	25.837	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.360%
7) Chloroethane-d5	2.893	69	195597	25.043	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.160%
11) 1,1-Dichloroethene-d2	4.021	65	127212	25.400	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.600%
21) 2-Butanone-d5	7.093	46	93235	46.889	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.780%
24) Chloroform-d	7.648	84	480798	25.006	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.040%
26) 1,2-Dichloroethane-d4	8.307	65	237903	24.638	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.560%
32) Benzene-d6	8.270	84	958861	24.427	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.720%
36) 1,2-Dichloropropane-d6	9.270	67	276468	24.166	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.680%
41) Toluene-d8	10.318	98	902357	24.710	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.840%
43) trans-1,3-Dichloroprop...	10.575	79	127018	24.079	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.320%
47) 2-Hexanone-d5	10.922	63	74982	48.736	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	169680	23.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.480%
66) 1,2-Dichlorobenzene-d4	13.848	152	264444	24.791	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.009	85	171747	27.081	ug/L	94
3) Chloromethane	2.216	50	169994	23.860	ug/L	98
5) Vinyl chloride	2.369	62	250243	25.344	ug/L	98
6) Bromomethane	2.795	94	150293	24.759	ug/L	95
8) Chloroethane	2.930	64	146147	24.889	ug/L	99
9) Trichlorofluoromethane	3.265	101	248216	23.598	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	211487	24.899	ug/L	98
12) 1,1-Dichloroethene	4.039	96	210811	24.505	ug/L	96
13) Acetone	4.173	43	128030	46.234	ug/L #	100
14) Carbon disulfide	4.387	76	694682	24.760	ug/L	99
15) Methyl Acetate	4.685	43	71869	22.850	ug/L	99
16) Methylene chloride	4.911	84	206690	23.409	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	223733	24.127	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	366751	23.658	ug/L	99
19) 1,1-Dichloroethane	6.216	63	429623	24.793	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	243200	24.240	ug/L	98
22) 2-Butanone	7.185	43	151637	45.193	ug/L	99
23) Bromochloromethane	7.514	128	98856	24.706	ug/L	98
25) Chloroform	7.673	83	418252	24.456	ug/L	97

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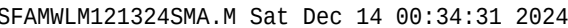
Instrument :
 MSVOA_W
 ClientSampleId :

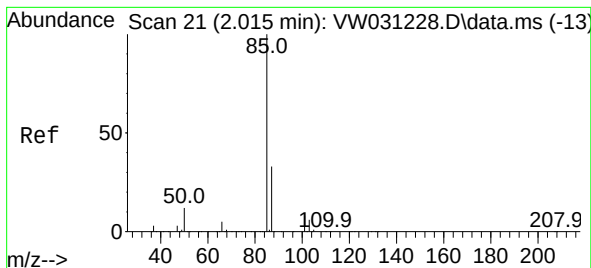
Quant Time: Dec 14 00:34:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:28:54 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	262152	24.382	ug/L	99
29) Cyclohexane	7.953	56	396796	23.890	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	376501	23.784	ug/L	99
31) Carbon tetrachloride	8.069	117	331257	23.488	ug/L	95
33) Benzene	8.319	78	900589	23.795	ug/L	100
34) Trichloroethene	9.087	95	253183	23.695	ug/L	94
35) Methylcyclohexane	9.331	83	450843	24.228	ug/L	98
37) 1,2-Dichloropropane	9.367	63	223588	23.681	ug/L	100
38) Bromodichloromethane	9.642	83	289824	23.612	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	379555	23.789	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	224491	44.815	ug/L	99
42) Toluene	10.386	91	977576	23.724	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	307072	23.571	ug/L	95
45) 1,1,2-Trichloroethane	10.782	97	146508	23.329	ug/L	96
46) Tetrachloroethene	10.861	164	186563	23.836	ug/L	95
48) 2-Hexanone	10.965	43	215410	50.562	ug/L	99
49) Dibromochloromethane	11.123	129	173327	23.283	ug/L	97
50) 1,2-Dibromoethane	11.233	107	140144	23.557	ug/L	99
51) Chlorobenzene	11.654	112	609405	23.587	ug/L	97
52) Ethylbenzene	11.727	91	1148287	24.044	ug/L	97
53) m,p-Xylene	11.836	106	438899	24.141	ug/L	96
54) o-Xylene	12.160	106	405678	23.676	ug/L	92
55) Styrene	12.178	104	677361	23.766	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	158275	23.379	ug/L	98
59) Bromoform	12.349	173	93572	23.182	ug/L	99
60) Isopropylbenzene	12.458	105	1146933	24.392	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	113920	23.170	ug/L	99
62) 1,3,5-Trimethylbenzene	12.934	105	985619	24.724	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	942634	24.465	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	472108	24.782	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	470090	24.905	ug/L	94
67) 1,2-Dichlorobenzene	13.861	146	398812	24.296	ug/L	91
68) 1,2-Dibromo-3-chloropr...	14.476	75	28199	22.601	ug/L	99
69) 1,3,5-Trichlorobenzene	14.616	180	332290	24.905	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	267132	24.069	ug/L	100
71) Naphthalene	15.360	128	461278	23.706	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	216081	24.164	ug/L	98

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

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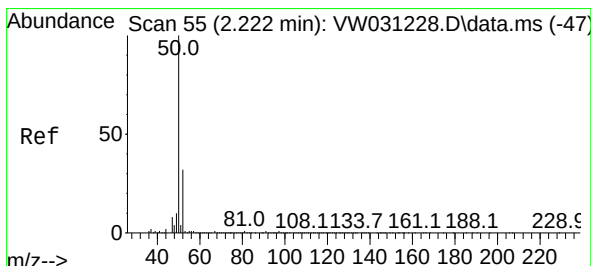
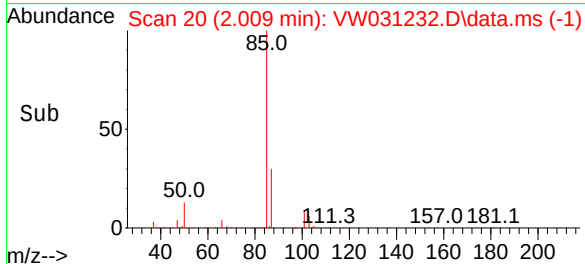
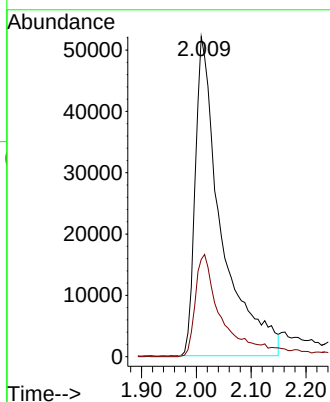
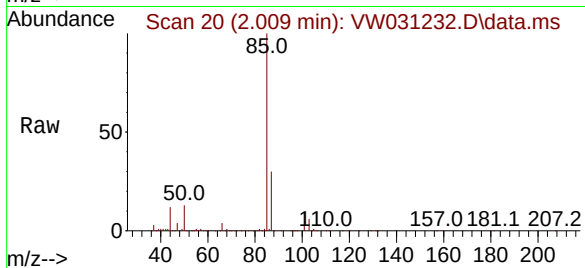




#2
Dichlorodifluoromethane
Concen: 27.081 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

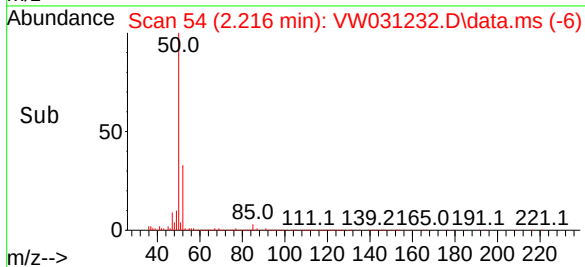
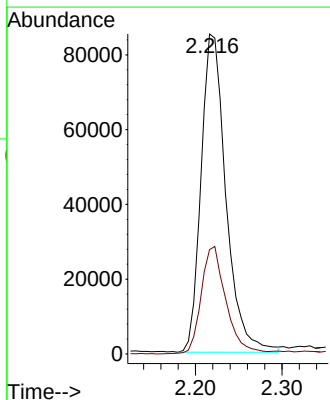
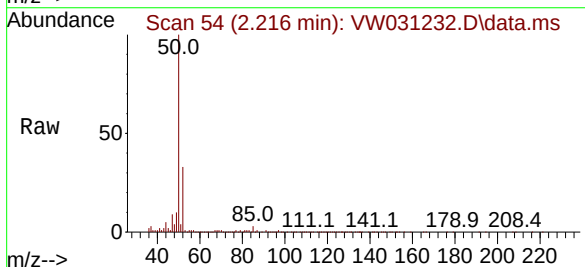
Instrument :
MSVOA_W
ClientSampleId :

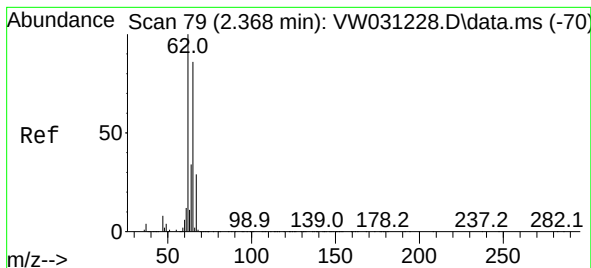
Tgt Ion: 85 Resp: 171747
Ion Ratio Lower Upper
85 100
87 28.0 24.9 37.3



#3
Chloromethane
Concen: 23.860 ug/L
RT: 2.216 min Scan# 54
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion: 50 Resp: 169994
Ion Ratio Lower Upper
50 100
52 32.6 22.0 41.0





#5

Vinyl chloride

Concen: 25.344 ug/L

RT: 2.369 min Scan# 79

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

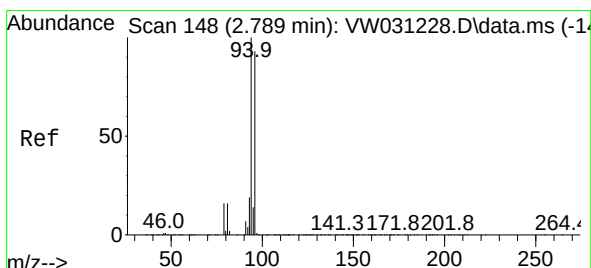
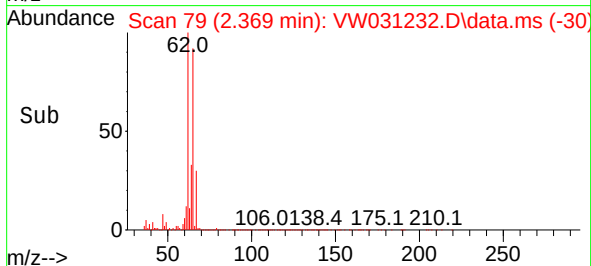
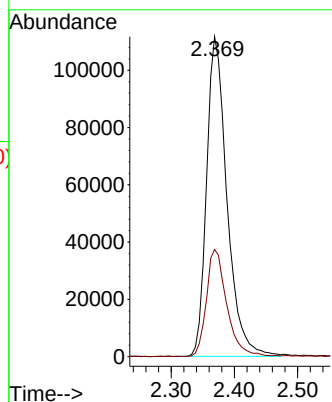
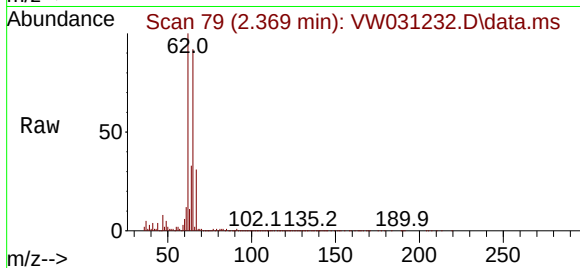
ClientSampleId :

Tgt Ion: 62 Resp: 250243

Ion Ratio Lower Upper

62 100

64 33.5 24.1 44.8



#6

Bromomethane

Concen: 24.759 ug/L

RT: 2.795 min Scan# 149

Delta R.T. 0.006 min

Lab File: VW031232.D

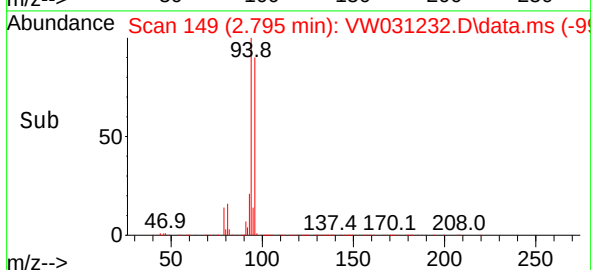
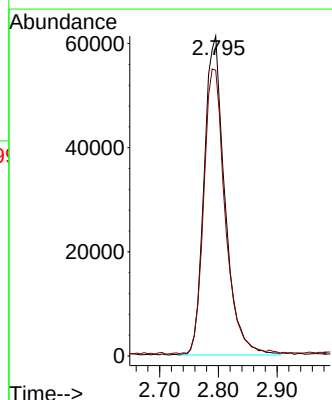
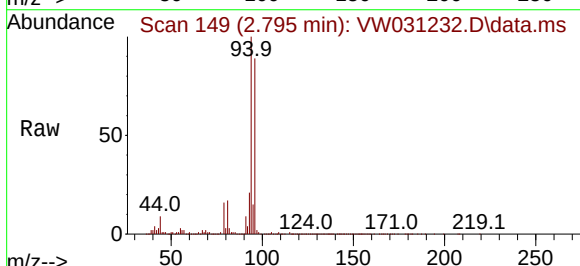
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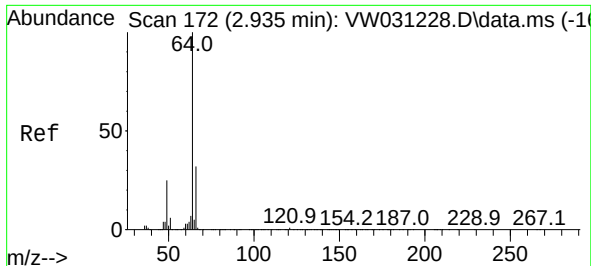
Tgt Ion: 94 Resp: 150293

Ion Ratio Lower Upper

94 100

96 89.3 65.6 121.8

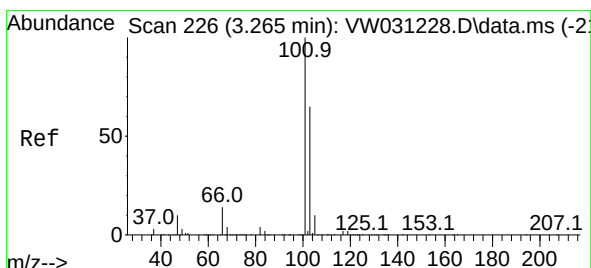
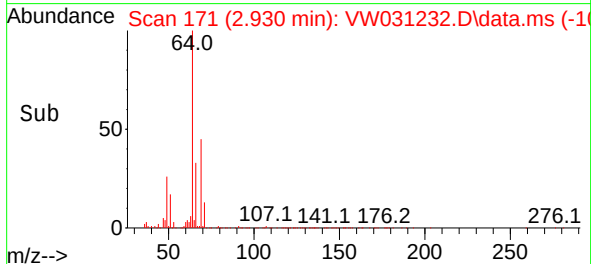
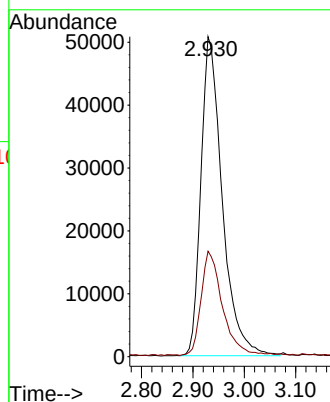
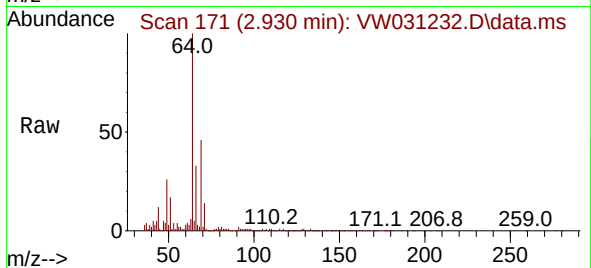




#8
Chloroethane
Concen: 24.889 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

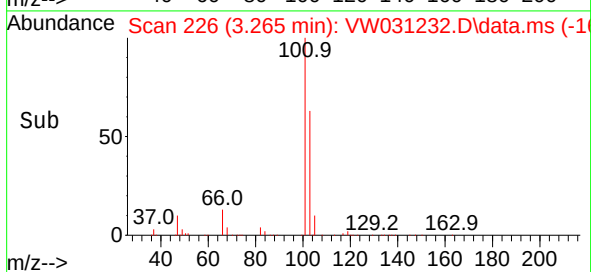
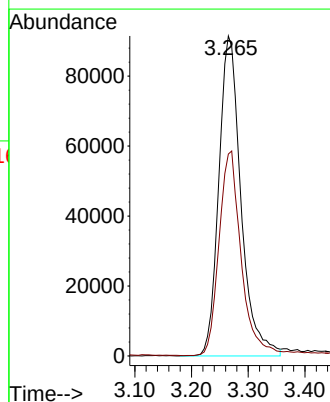
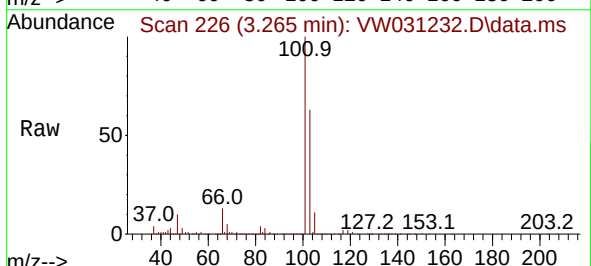
Instrument :
MSVOA_W
ClientSampleId :

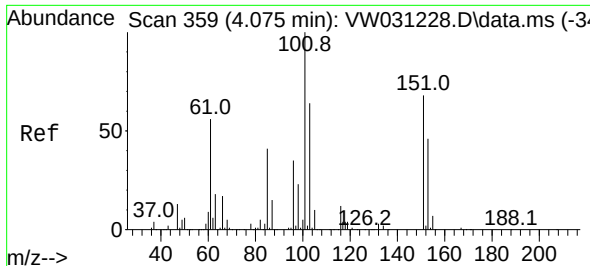
Tgt Ion: 64 Resp: 146147
Ion Ratio Lower Upper
64 100
66 33.0 22.7 42.3



#9
Trichlorofluoromethane
Concen: 23.598 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion:101 Resp: 248216
Ion Ratio Lower Upper
101 100
103 63.9 51.6 77.4





#10

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

Concen: 24.899 ug/L

RT: 4.076 min Scan# 359

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

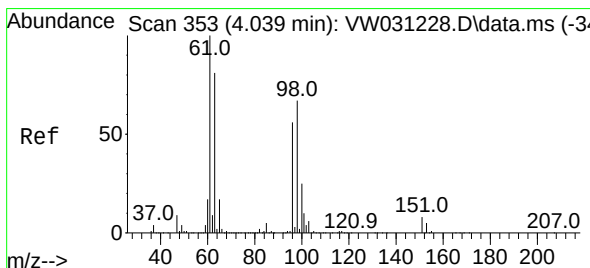
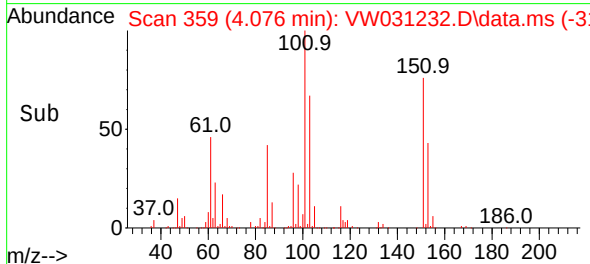
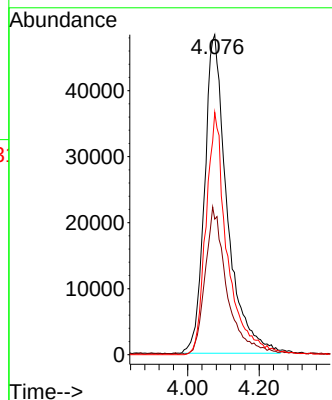
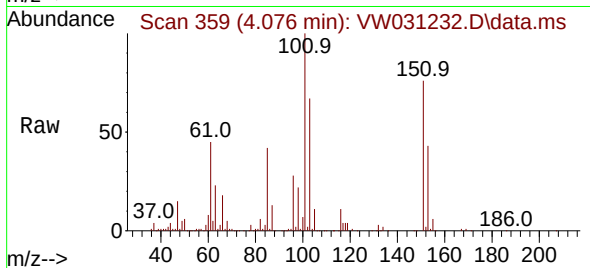
Tgt Ion:101 Resp: 211487

Ion Ratio Lower Upper

101 100

85 43.5 33.0 49.4

151 69.4 54.8 82.2



#12

1,1-Dichloroethene

Concen: 24.505 ug/L

RT: 4.039 min Scan# 353

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

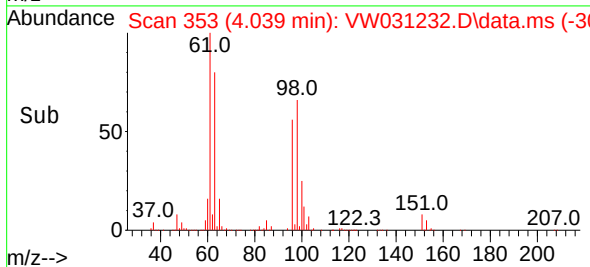
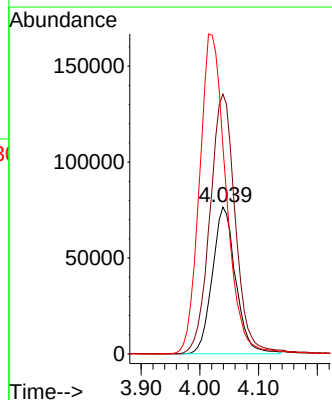
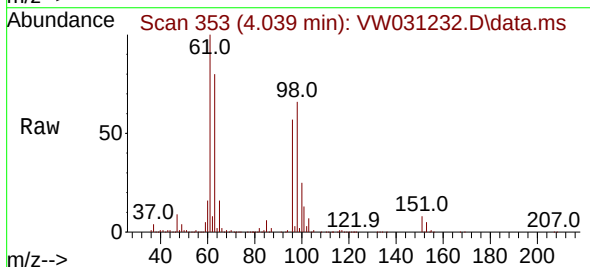
Tgt Ion: 96 Resp: 210811

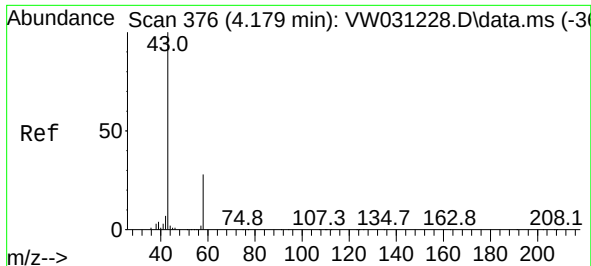
Ion Ratio Lower Upper

96 100

61 176.9 125.3 232.7

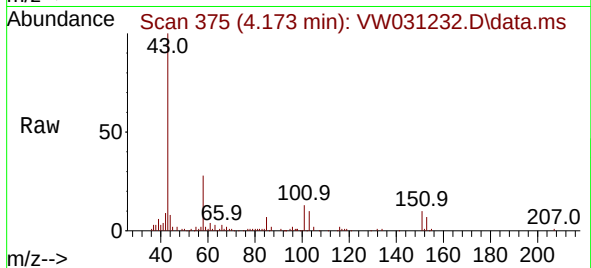
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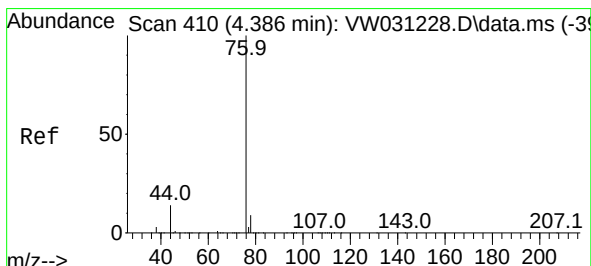
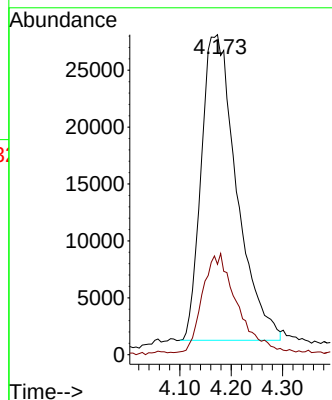
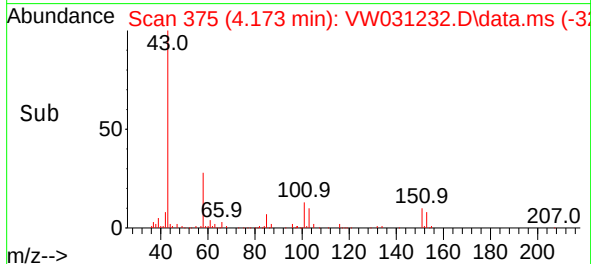


#13
Acetone
Concen: 46.234 ug/L
RT: 4.173 min Scan# 375
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Instrument :
MSVOA_W
ClientSampleId :

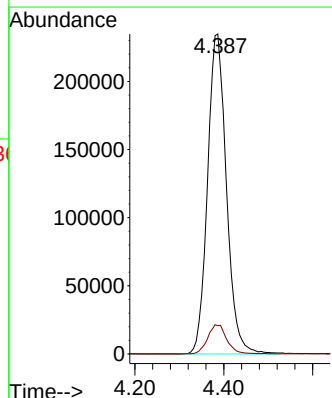
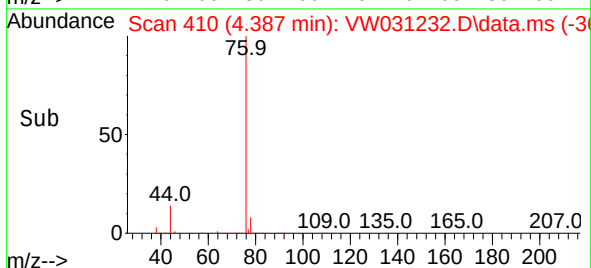
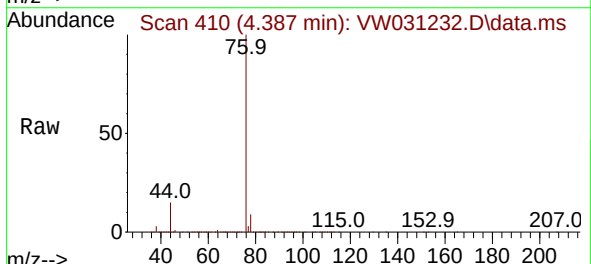


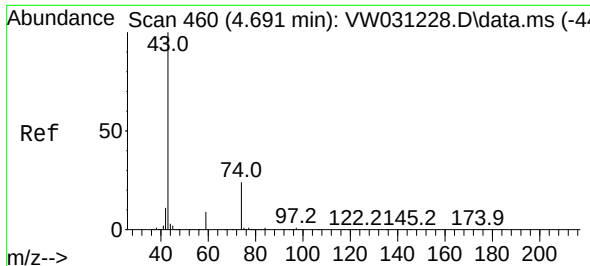
Tgt Ion: 43 Resp: 128030
Ion Ratio Lower Upper
43 100
58 14.5 0.0 0.0#



#14
Carbon disulfide
Concen: 24.760 ug/L
RT: 4.387 min Scan# 410
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion: 76 Resp: 694682
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9

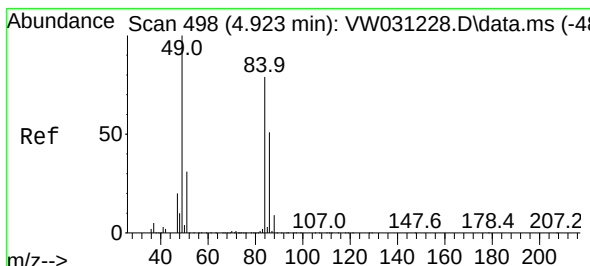
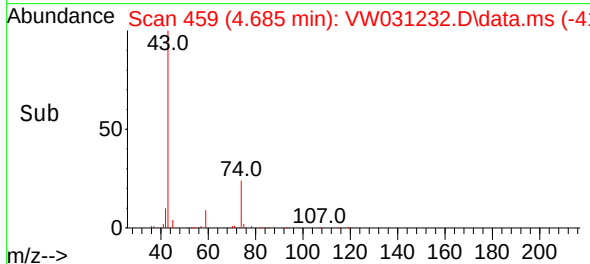
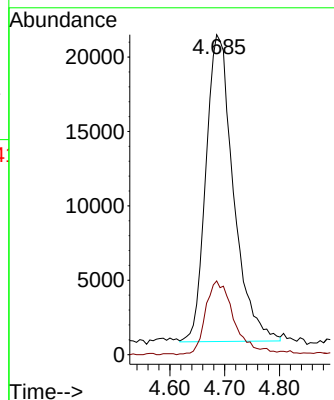
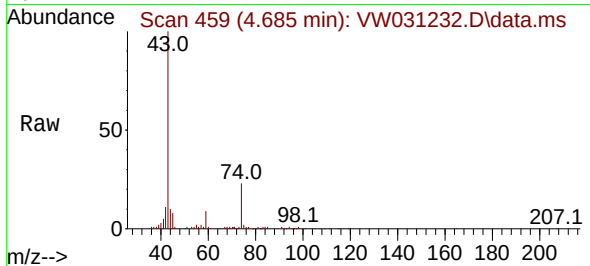




#15
Methyl Acetate
Concen: 22.850 ug/L
RT: 4.685 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

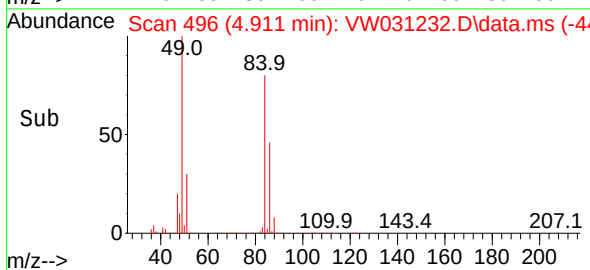
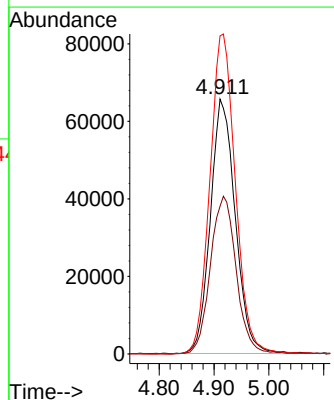
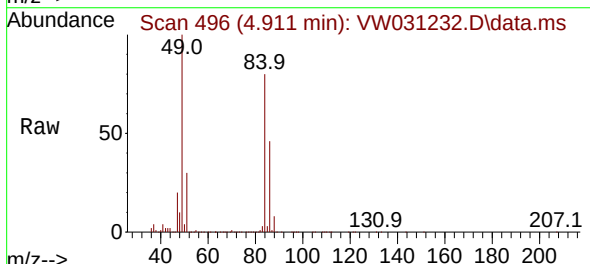
Instrument :
MSVOA_W
ClientSampleId :

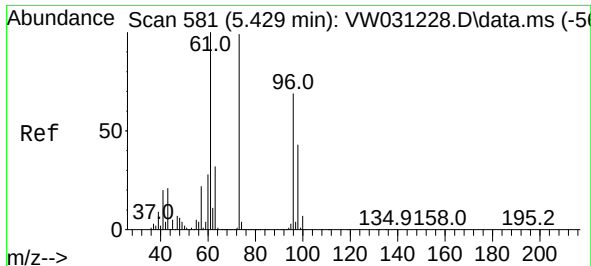
Tgt Ion: 43 Resp: 71869
Ion Ratio Lower Upper
43 100
74 24.3 18.9 28.3



#16
Methylene chloride
Concen: 23.409 ug/L
RT: 4.911 min Scan# 496
Delta R.T. -0.012 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion: 84 Resp: 206690
Ion Ratio Lower Upper
84 100
86 57.9 44.7 82.9
49 124.8 88.3 164.1





#17

trans-1,2-Dichloroethene

Concen: 24.127 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

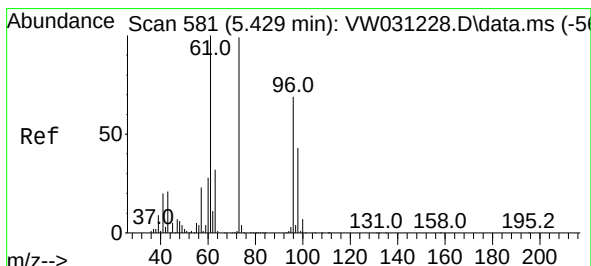
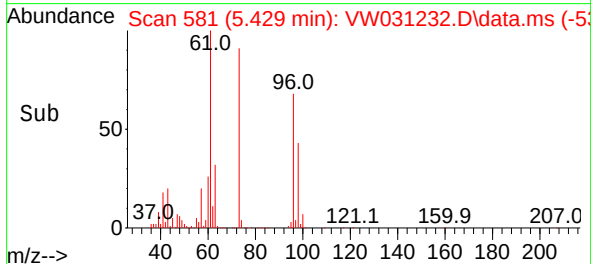
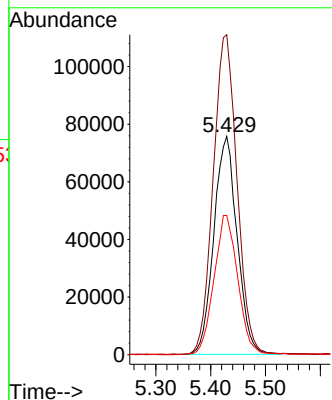
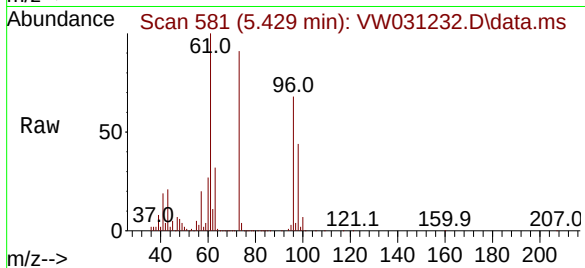
Tgt Ion: 96 Resp: 223733

Ion Ratio Lower Upper

96 100

61 146.7 100.7 187.1

98 63.8 43.8 81.3



#18

Methyl tert-butyl Ether

Concen: 23.658 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

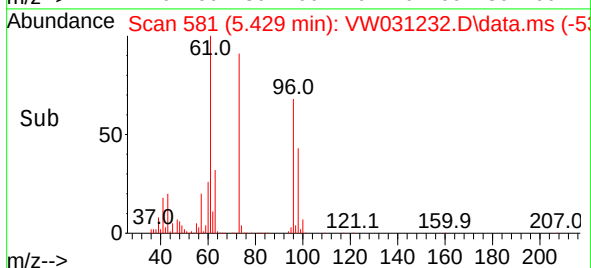
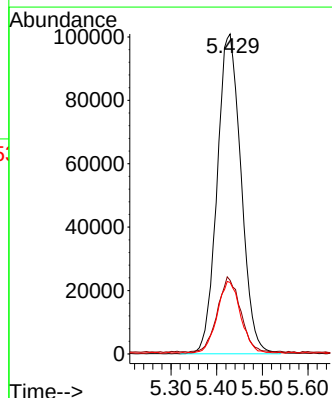
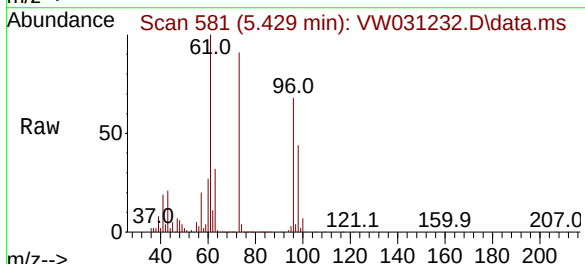
Tgt Ion: 73 Resp: 366751

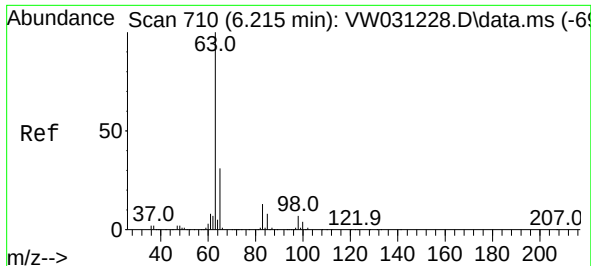
Ion Ratio Lower Upper

73 100

43 22.8 17.9 26.9

57 21.8 17.9 26.9





#19

1,1-Dichloroethane

Concen: 24.793 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

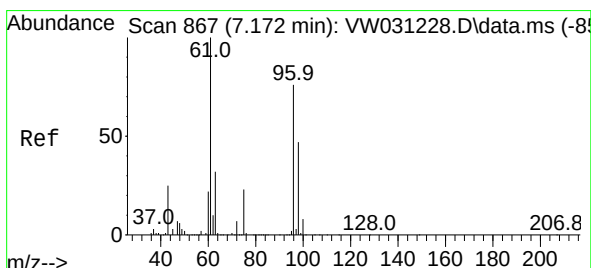
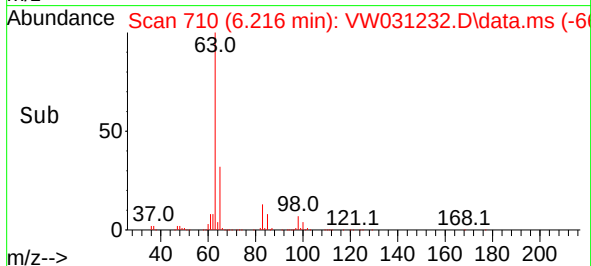
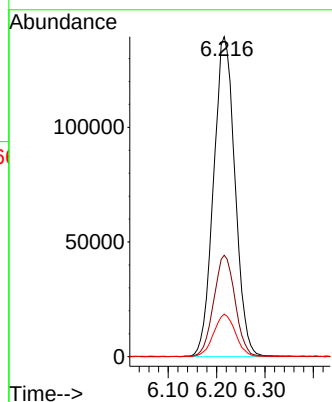
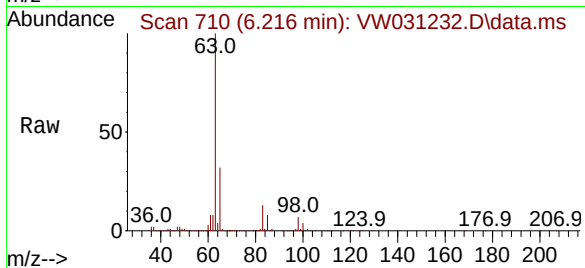
Tgt Ion: 63 Resp: 429623

Ion Ratio Lower Upper

63 100

65 31.7 21.9 40.7

83 13.3 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 24.240 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

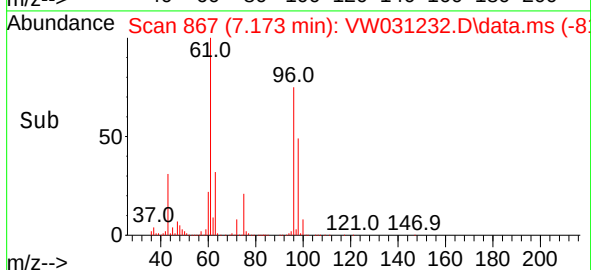
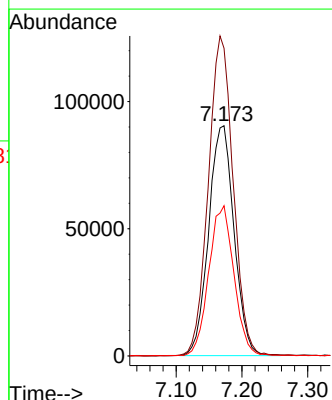
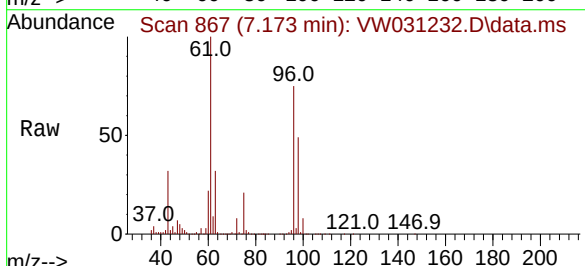
Tgt Ion: 96 Resp: 243200

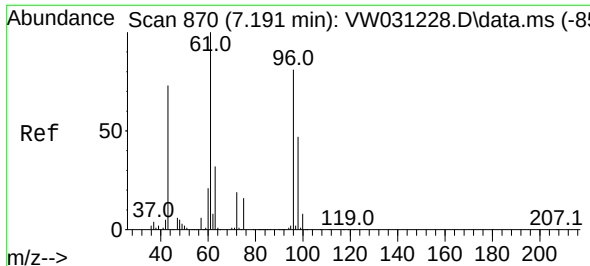
Ion Ratio Lower Upper

96 100

61 133.7 92.2 171.2

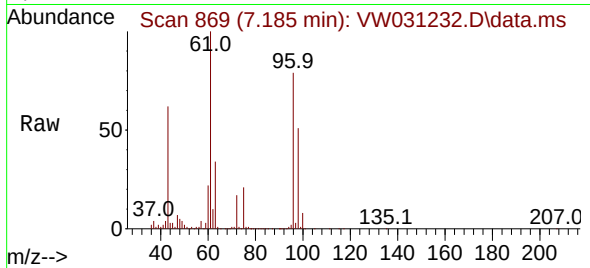
98 65.3 43.7 81.1



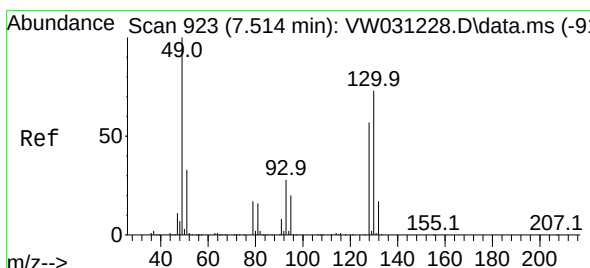
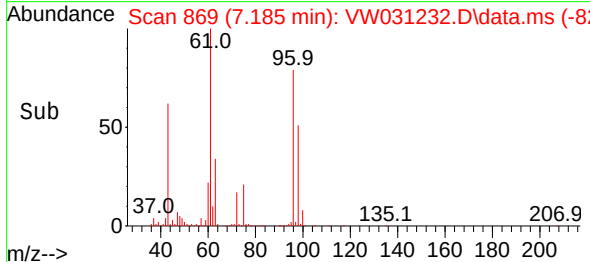
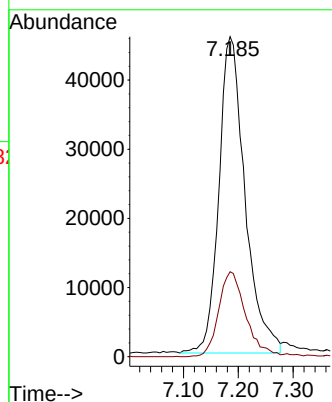


#22
2-Butanone
Concen: 45.193 ug/L
RT: 7.185 min Scan# 870
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Instrument :
MSVOA_W
ClientSampleId :

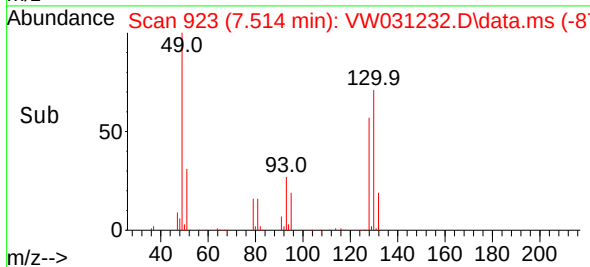
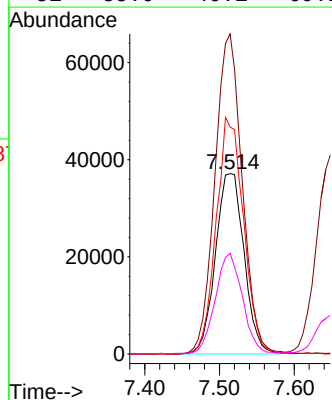
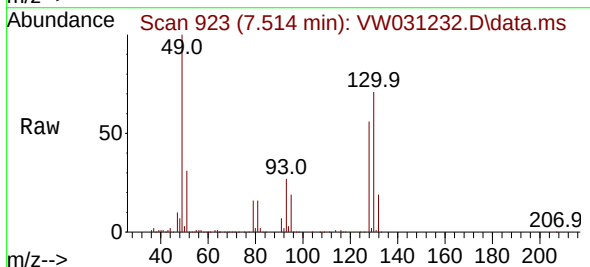


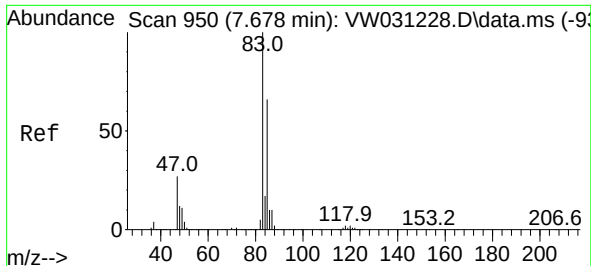
Tgt Ion: 43 Resp: 151637
Ion Ratio Lower Upper
43 100
72 26.8 13.3 39.8



#23
Bromochloromethane
Concen: 24.706 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion:128 Resp: 98856
Ion Ratio Lower Upper
128 100
49 177.5 123.7 229.7
130 125.8 90.3 167.7
51 55.9 46.1 69.1





#25

Chloroform

Concen: 24.456 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

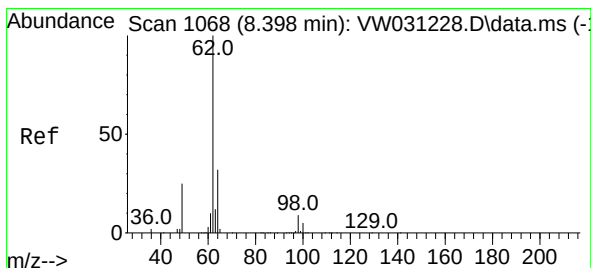
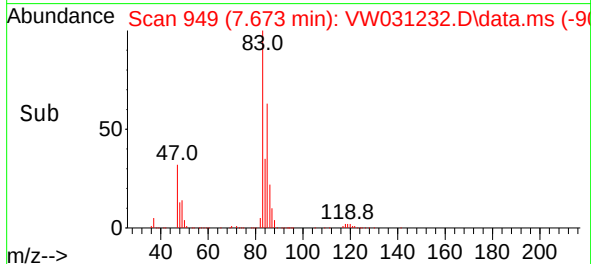
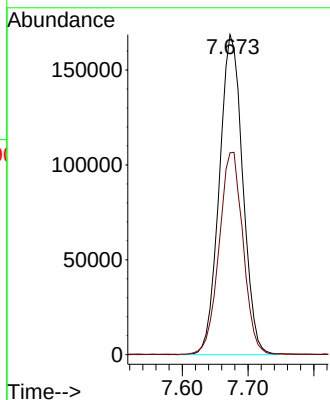
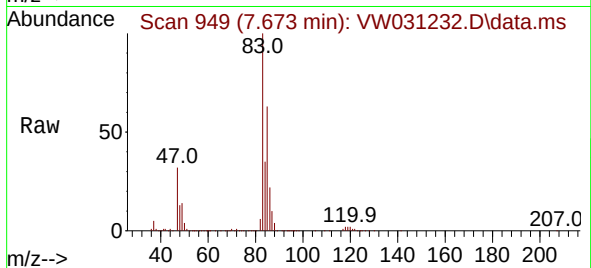
ClientSampleId :

Tgt Ion: 83 Resp: 418252

Ion Ratio Lower Upper

83 100

85 63.1 46.1 85.5



#27

1,2-Dichloroethane

Concen: 24.382 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW031232.D

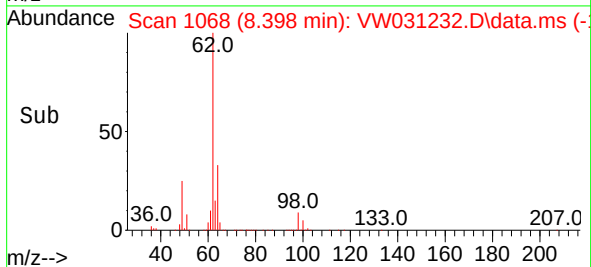
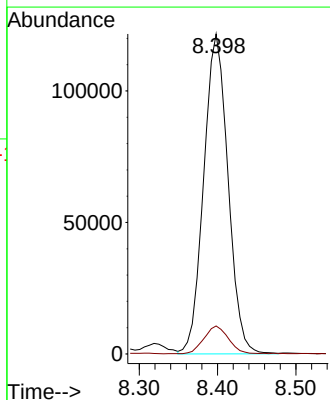
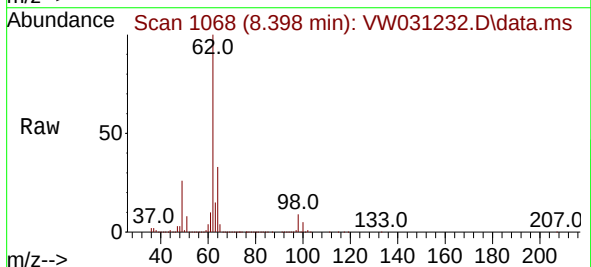
Acq: 13 Dec 2024 12:00

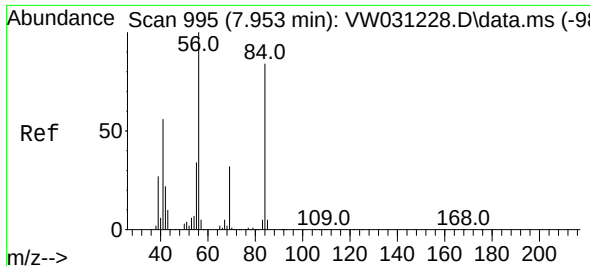
Tgt Ion: 62 Resp: 262152

Ion Ratio Lower Upper

62 100

98 8.8 7.2 10.8





#29

Cyclohexane

Concen: 23.890 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

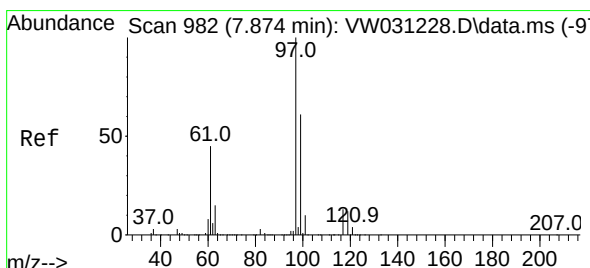
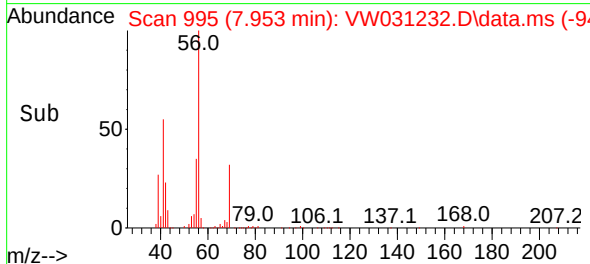
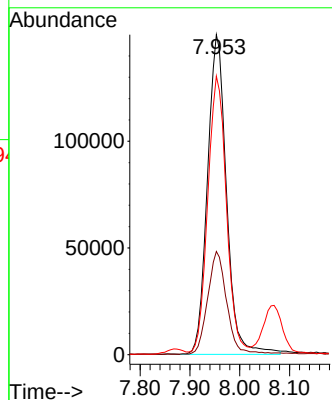
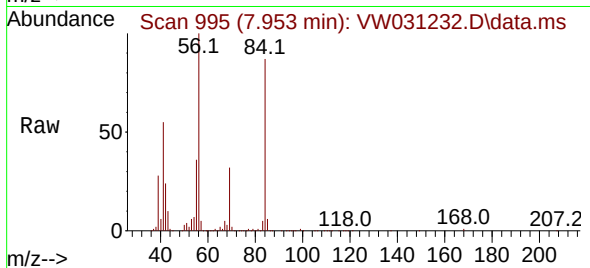
Tgt Ion: 56 Resp: 396796

Ion Ratio Lower Upper

56 100

69 31.4 25.0 37.4

84 85.3 68.9 103.3



#30

1,1,1-Trichloroethane

Concen: 23.784 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

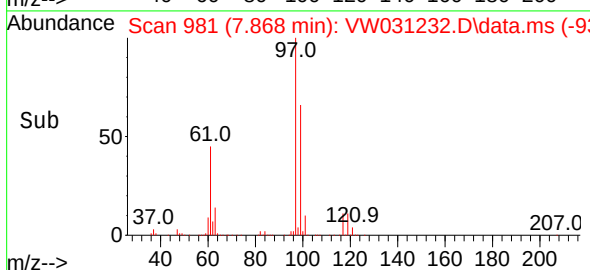
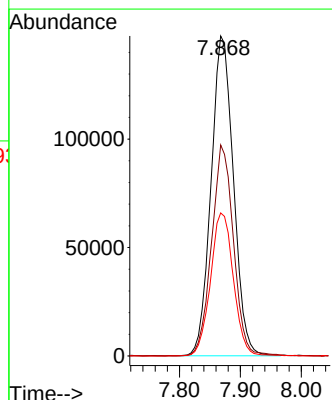
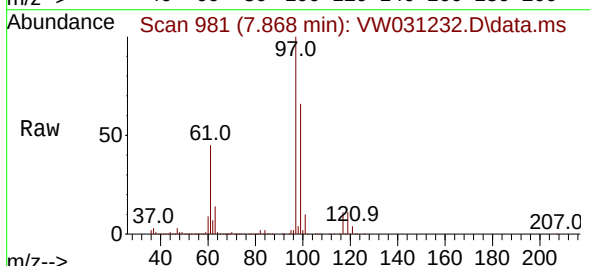
Tgt Ion: 97 Resp: 376501

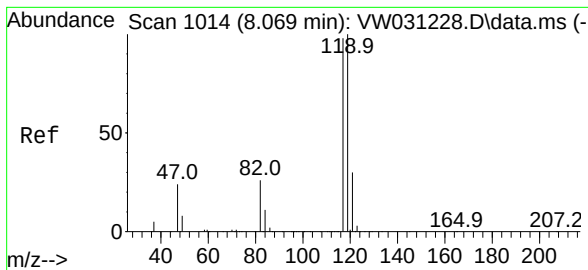
Ion Ratio Lower Upper

97 100

99 64.7 51.1 76.7

61 45.7 36.3 54.5

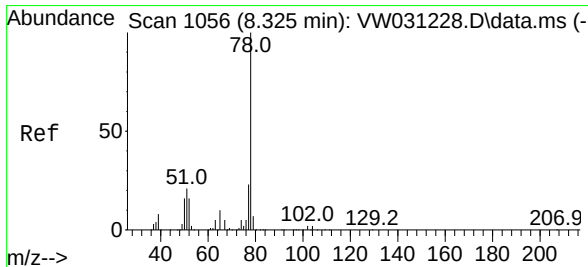
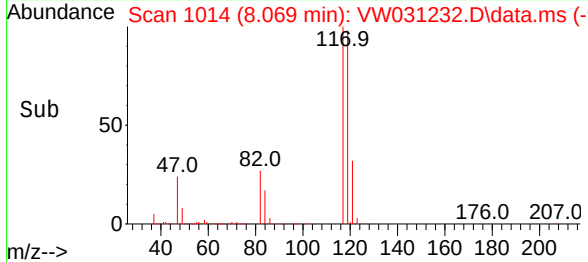
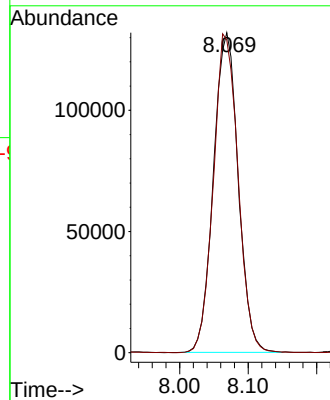
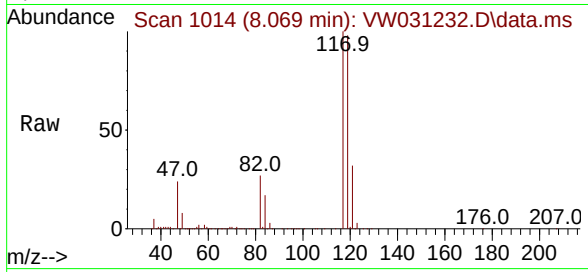




#31
Carbon tetrachloride
Concen: 23.488 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

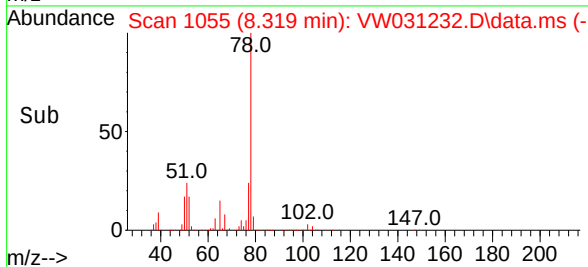
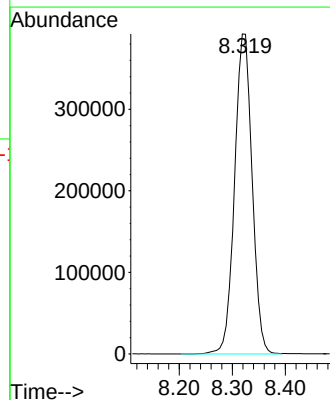
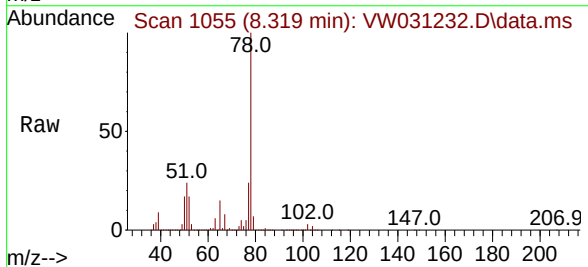
Instrument :
MSVOA_W
ClientSampleId :

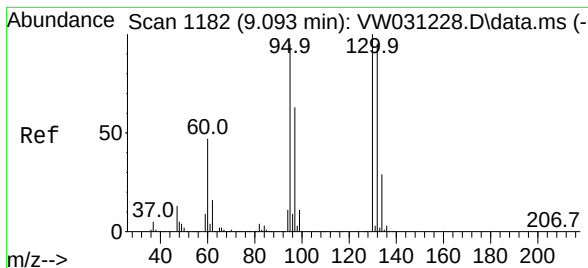
Tgt Ion:117 Resp: 331257
Ion Ratio Lower Upper
117 100
119 99.5 76.0 114.0



#33
Benzene
Concen: 23.795 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion: 78 Resp: 900589





#34

Trichloroethene

Concen: 23.695 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 253183

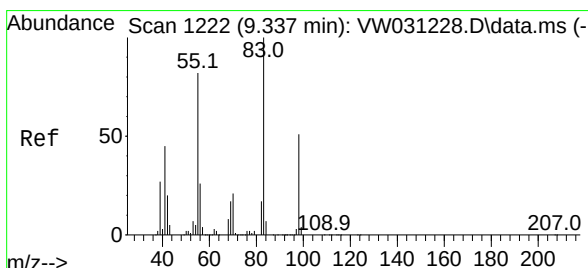
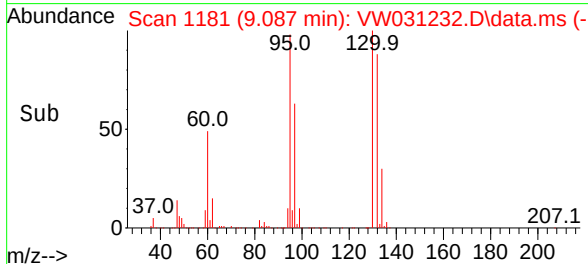
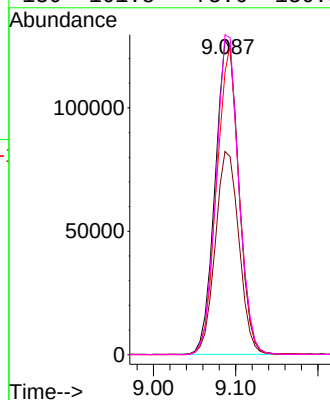
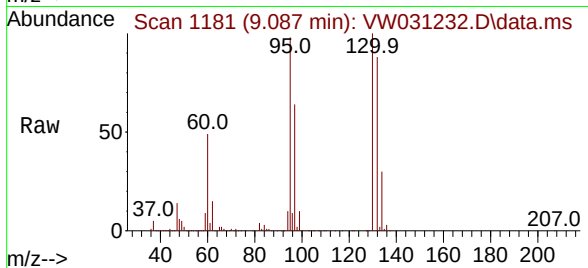
Ion Ratio Lower Upper

95 100

97 64.7 46.5 86.3

132 89.9 70.3 130.5

130 101.8 73.6 136.8



#35

Methylcyclohexane

Concen: 24.228 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

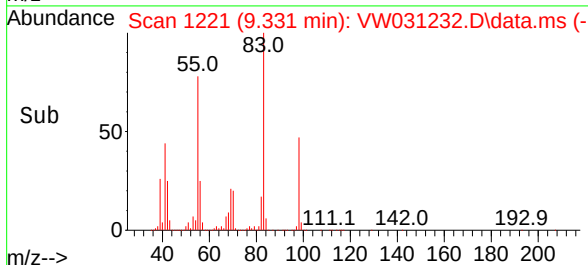
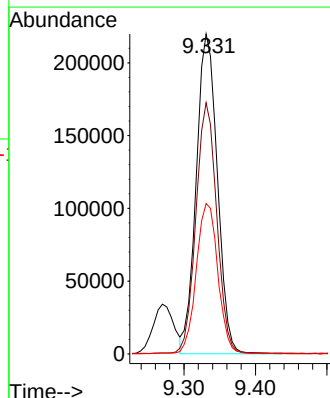
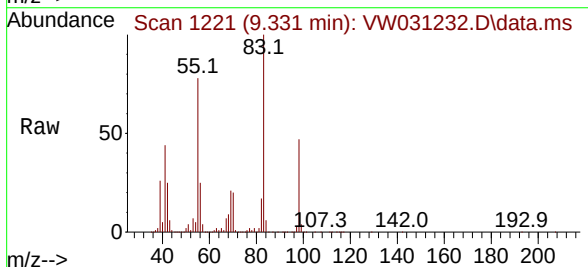
Tgt Ion: 83 Resp: 450843

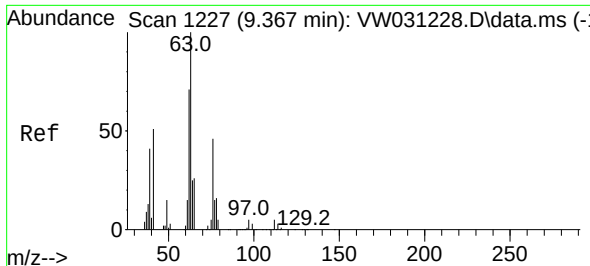
Ion Ratio Lower Upper

83 100

55 76.9 62.6 93.8

98 47.9 39.8 59.6





#37

1,2-Dichloropropane

Concen: 23.681 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

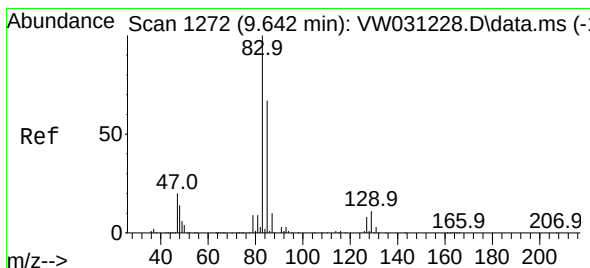
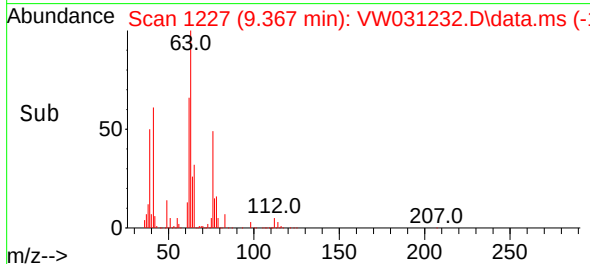
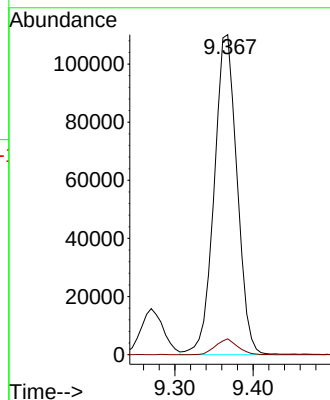
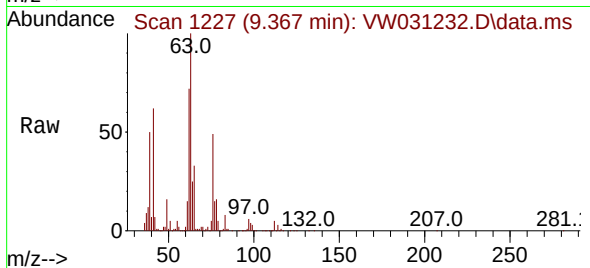
ClientSampleId :

Tgt Ion: 63 Resp: 223588

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#38

Bromodichloromethane

Concen: 23.612 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

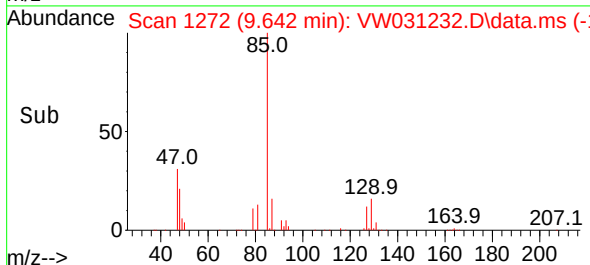
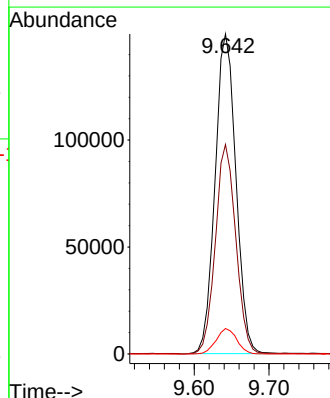
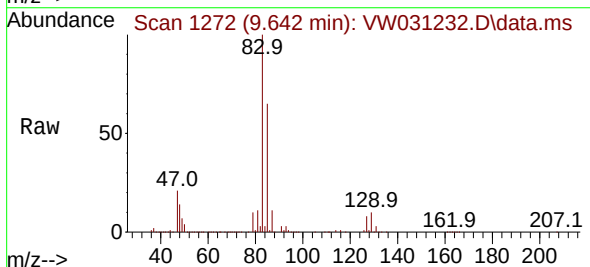
Tgt Ion: 83 Resp: 289824

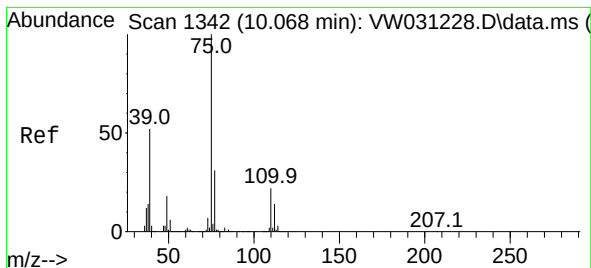
Ion Ratio Lower Upper

83 100

85 65.5 46.5 86.5

127 8.0 6.2 9.4

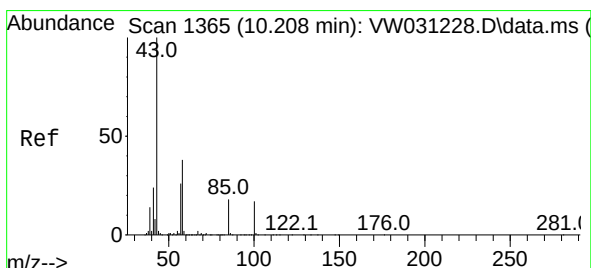
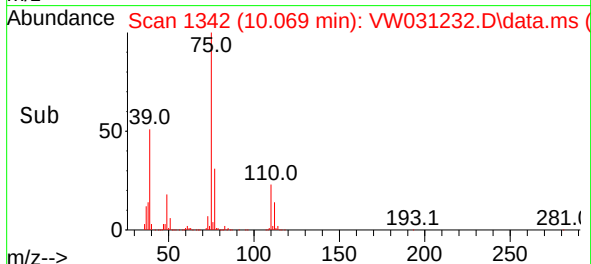
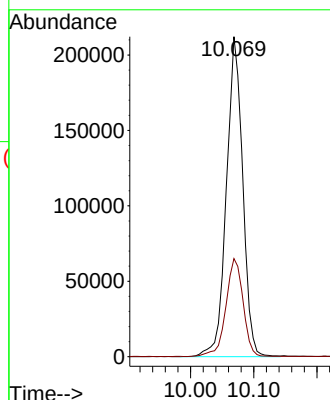
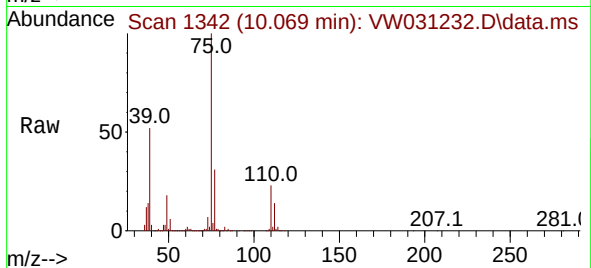




#39
cis-1,3-Dichloropropene
Concen: 23.789 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

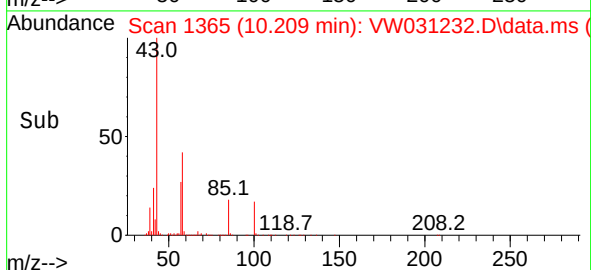
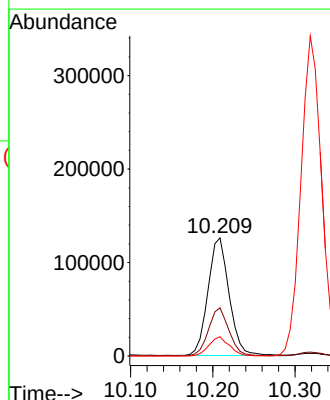
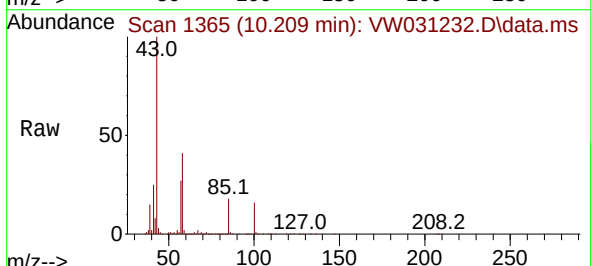
Instrument :
MSVOA_W
ClientSampleId :

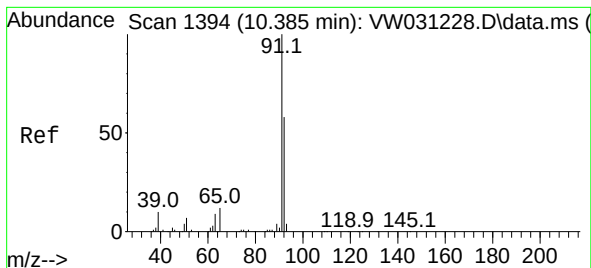
Tgt Ion: 75 Resp: 379555
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.4



#40
4-Methyl-2-pentanone
Concen: 44.815 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Tgt Ion: 43 Resp: 224491
Ion Ratio Lower Upper
43 100
58 39.5 31.1 46.7
100 15.9 13.0 19.6





#42

Toluene

Concen: 23.724 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

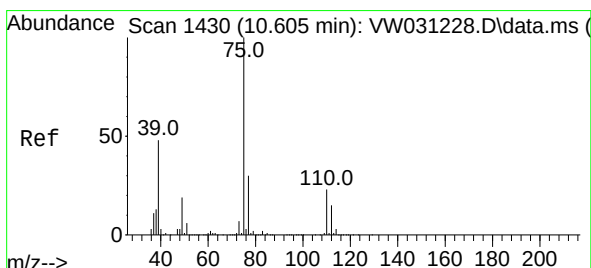
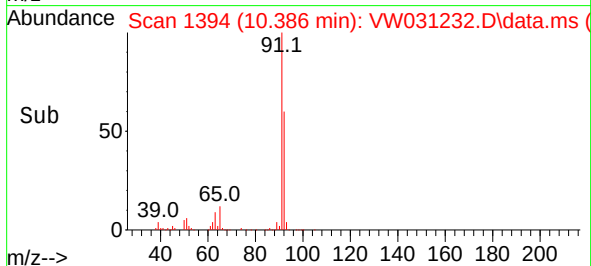
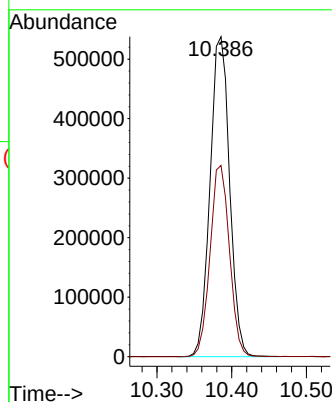
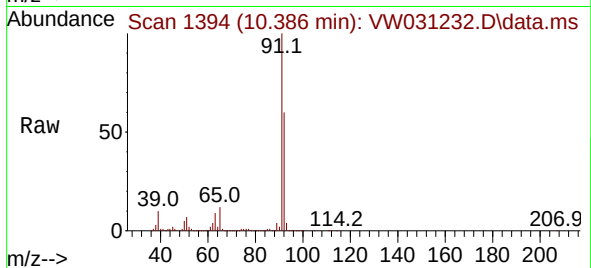
ClientSampleId :

Tgt Ion: 91 Resp: 977576

Ion Ratio Lower Upper

91 100

92 59.7 40.3 74.9



#44

trans-1,3-Dichloropropene

Concen: 23.571 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW031232.D

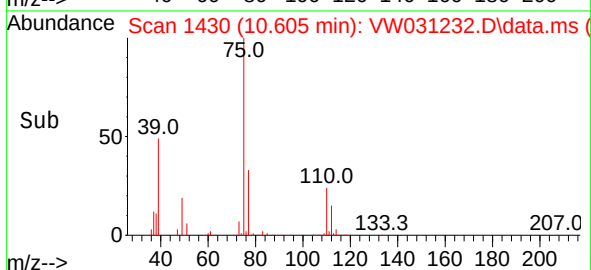
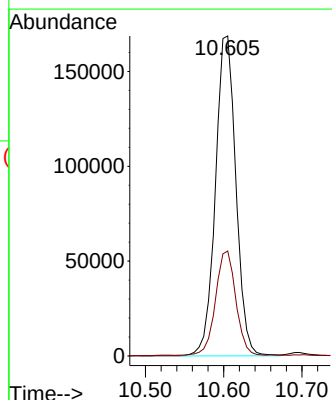
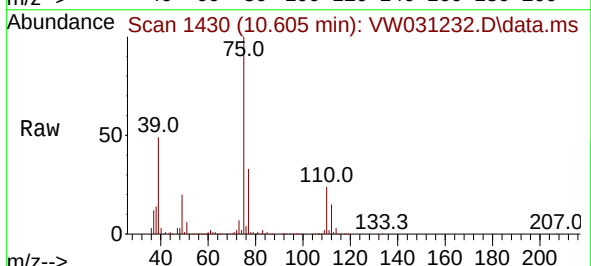
Acq: 13 Dec 2024 12:00

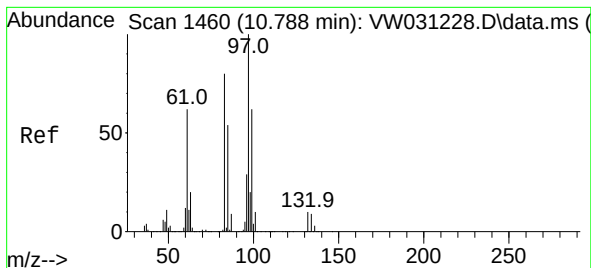
Tgt Ion: 75 Resp: 307072

Ion Ratio Lower Upper

75 100

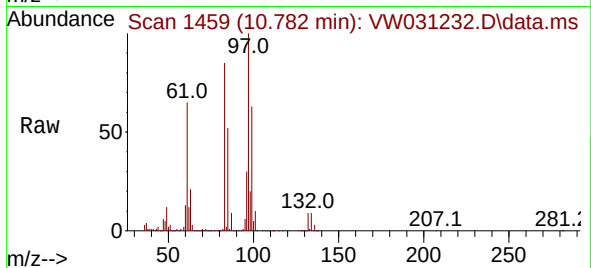
77 32.8 21.2 39.4





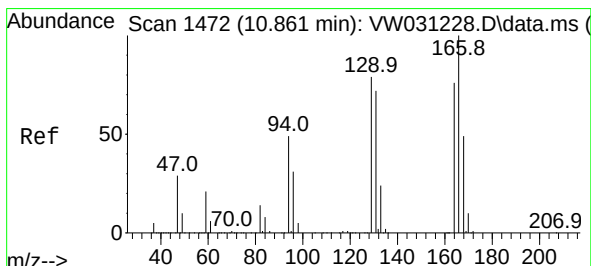
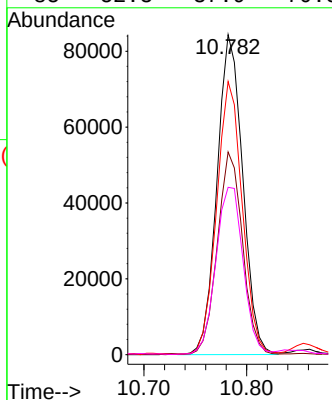
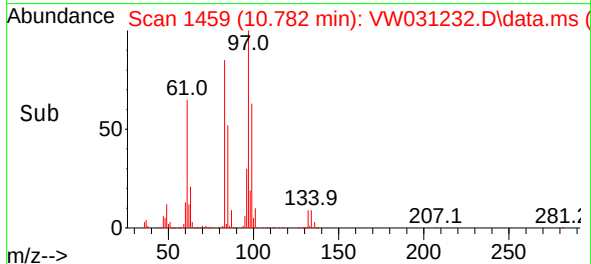
#45
1,1,2-Trichloroethane
Concen: 23.329 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

Instrument :
MSVOA_W
ClientSampleId :

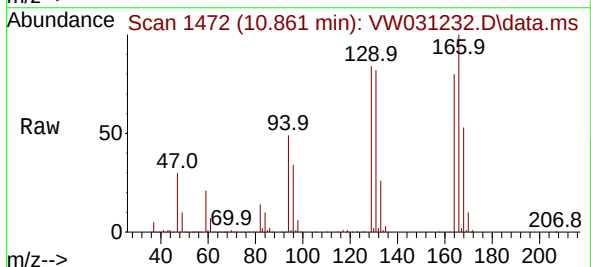


Tgt Ion: 97 Resp: 146508

Ion	Ratio	Lower	Upper
97	100		
99	63.3	43.0	80.0
83	85.4	56.4	104.7
85	52.3	37.9	70.3

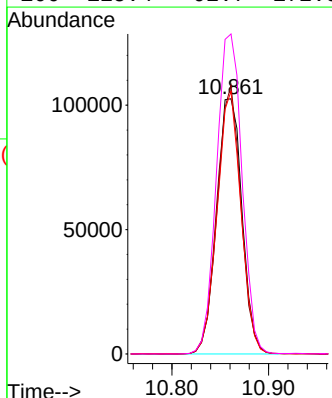
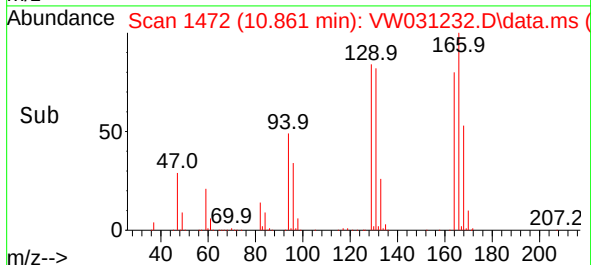


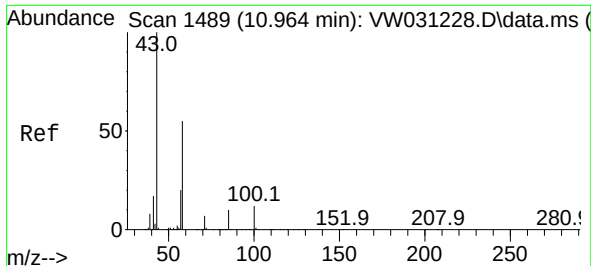
#46
Tetrachloroethene
Concen: 23.836 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00



Tgt Ion: 164 Resp: 186563

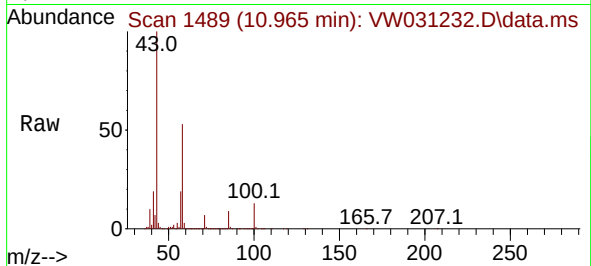
Ion	Ratio	Lower	Upper
164	100		
129	105.2	73.5	136.5
131	102.9	66.6	123.8
166	125.4	92.7	172.3



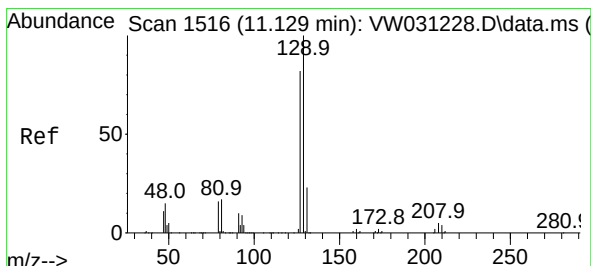
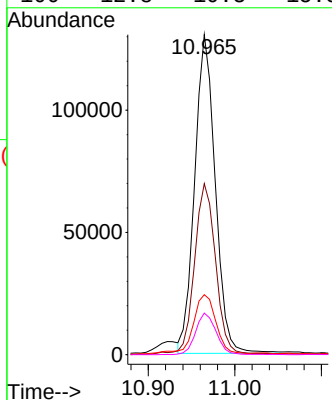
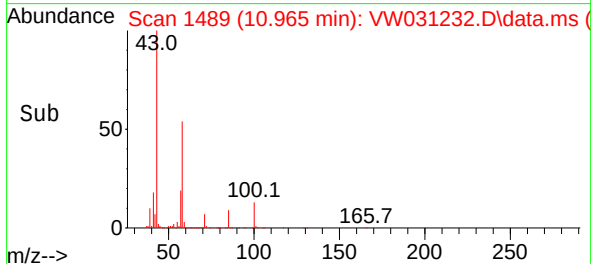


#48
2-Hexanone
Concen: 50.562 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00

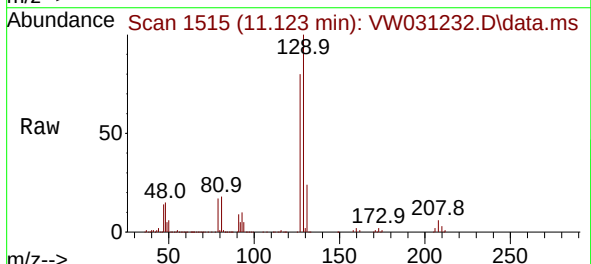
Instrument :
MSVOA_W
ClientSampleId :



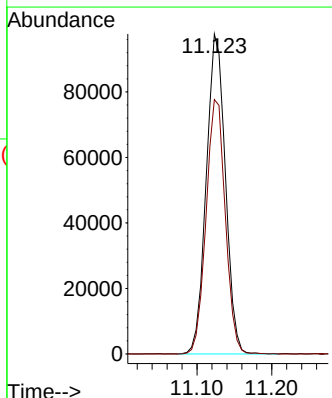
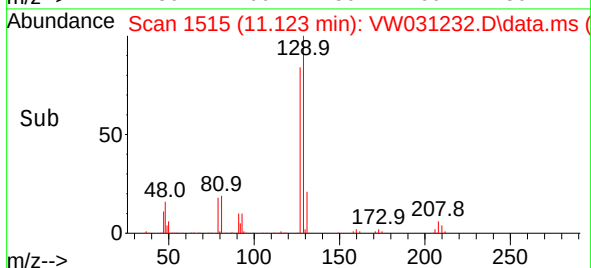
Tgt Ion: 43 Resp: 215410
Ion Ratio Lower Upper
43 100
58 54.4 43.0 64.6
57 20.8 15.7 23.5
100 12.8 10.3 15.5

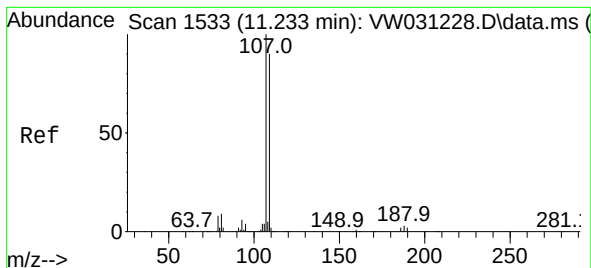


#49
Dibromochloromethane
Concen: 23.283 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW031232.D
Acq: 13 Dec 2024 12:00



Tgt Ion: 129 Resp: 173327
Ion Ratio Lower Upper
129 100
127 79.5 57.6 107.0





#50

1,2-Dibromoethane

Concen: 23.557 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW031232.D

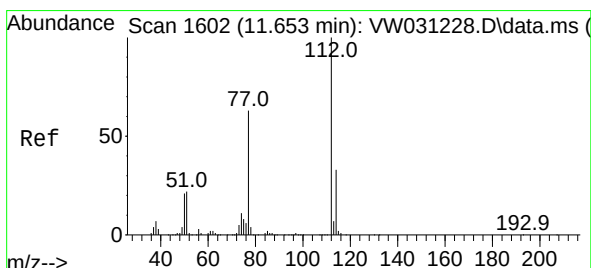
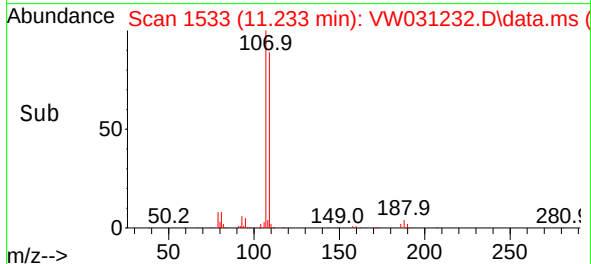
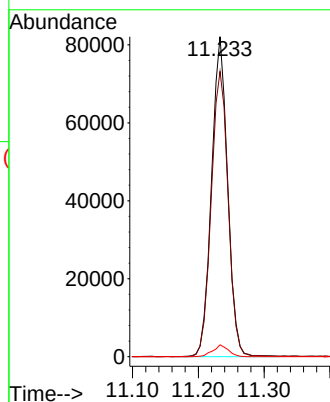
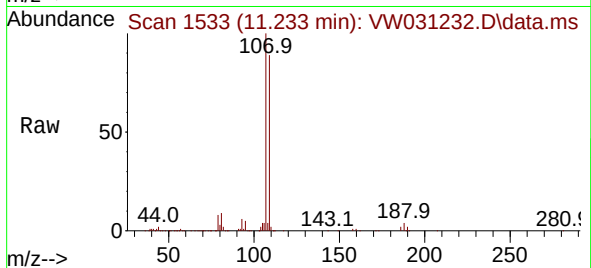
Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	140144
Ion Ratio	Lower	Upper
107	100	
109	89.1	63.2 117.4
188	3.7	2.6 4.0



#51

Chlorobenzene

Concen: 23.587 ug/L

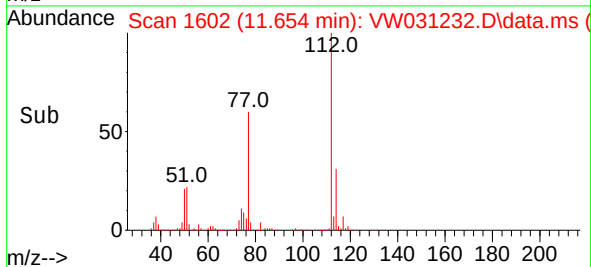
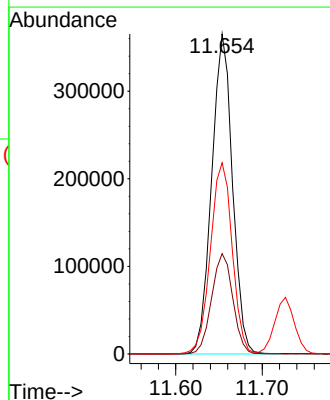
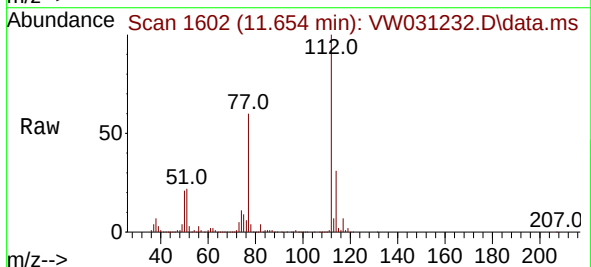
RT: 11.654 min Scan# 1602

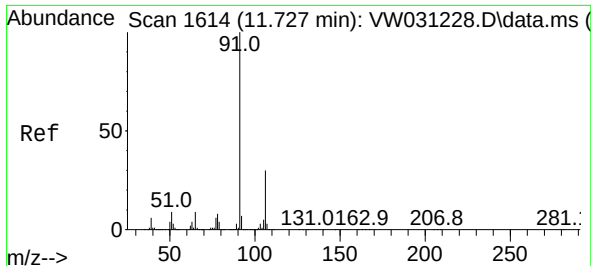
Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Tgt Ion:112	Resp:	609405
Ion Ratio	Lower	Upper
112	100	
114	31.4	22.7 42.3
77	59.7	50.2 75.4





#52

Ethylbenzene

Concen: 24.044 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

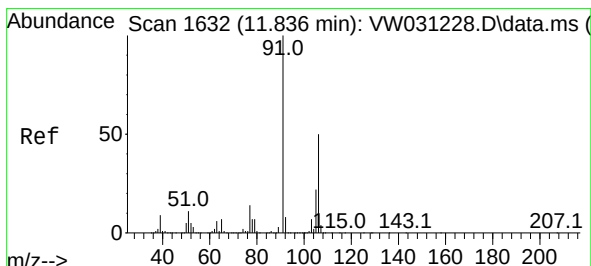
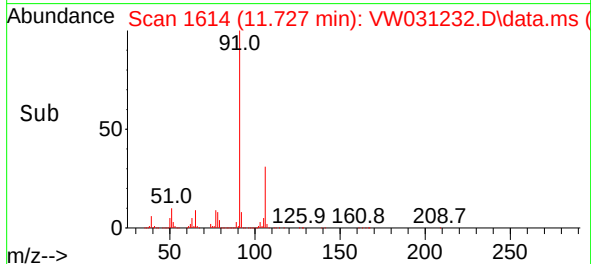
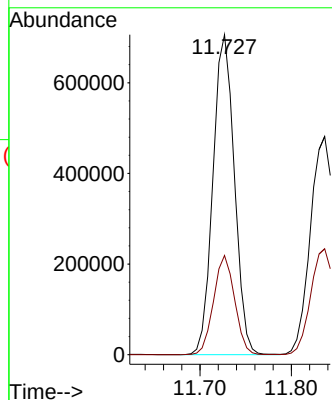
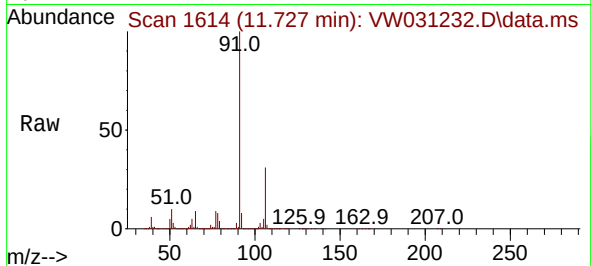
ClientSampleId :

Tgt Ion: 91 Resp: 1148287

Ion Ratio Lower Upper

91 100

106 31.0 20.7 38.5



#53

m,p-Xylene

Concen: 24.141 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW031232.D

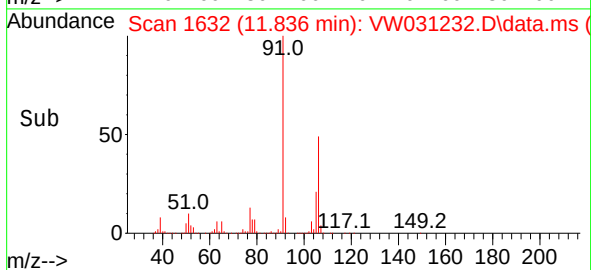
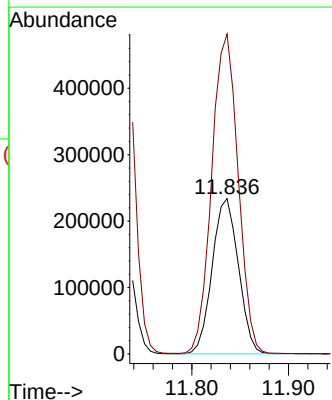
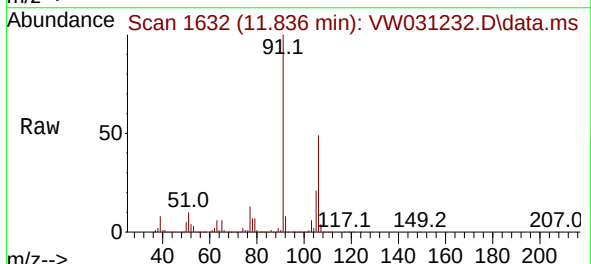
Acq: 13 Dec 2024 12:00

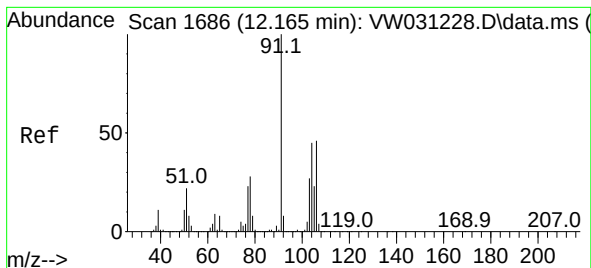
Tgt Ion:106 Resp: 438899

Ion Ratio Lower Upper

106 100

91 206.0 139.9 259.7





#54

o-Xylene

Concen: 23.676 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

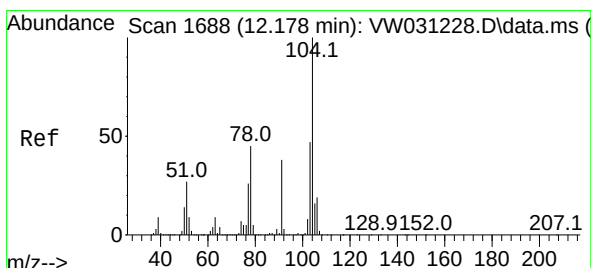
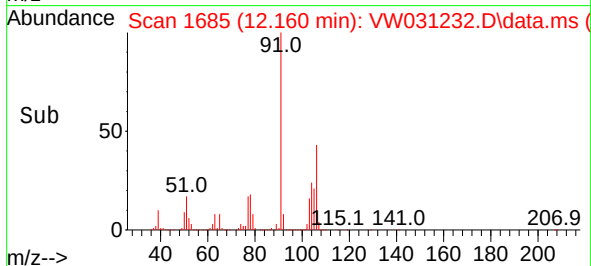
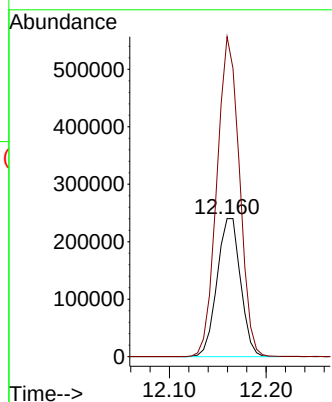
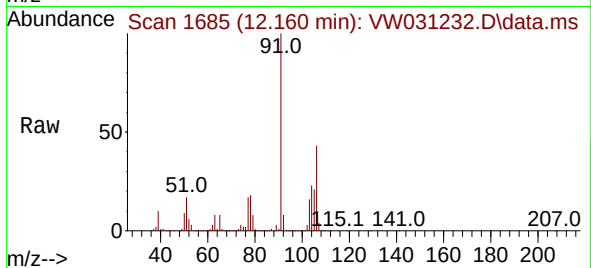
ClientSampleId :

Tgt Ion:106 Resp: 405678

Ion Ratio Lower Upper

106 100

91 231.6 153.1 284.3



#55

Styrene

Concen: 23.766 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW031232.D

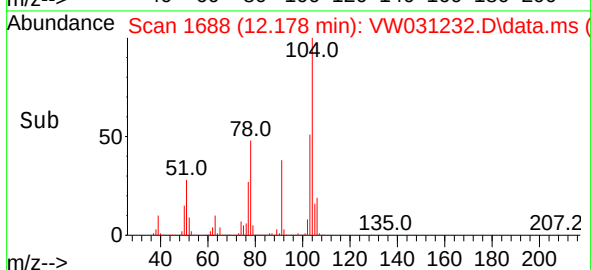
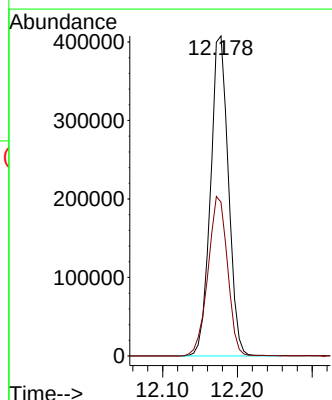
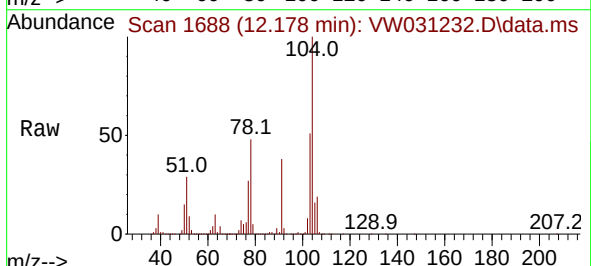
Acq: 13 Dec 2024 12:00

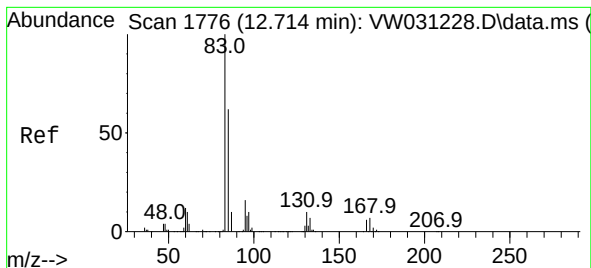
Tgt Ion:104 Resp: 677361

Ion Ratio Lower Upper

104 100

78 48.1 31.4 58.4





#57

1,1,2,2-Tetrachloroethane

Concen: 23.379 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

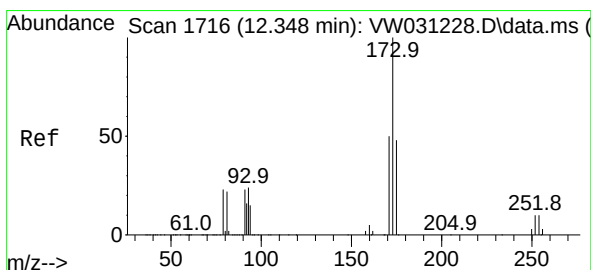
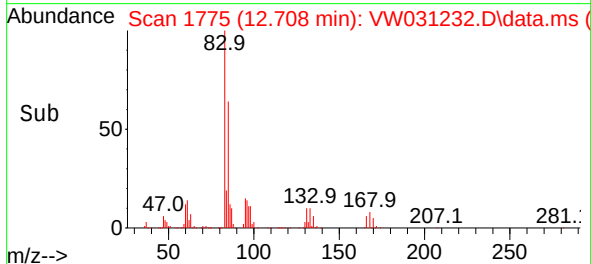
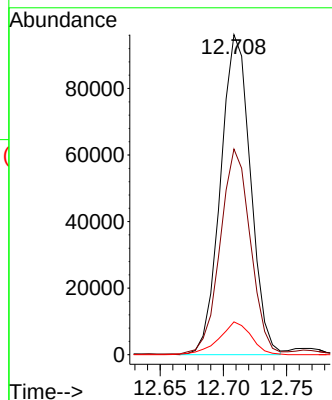
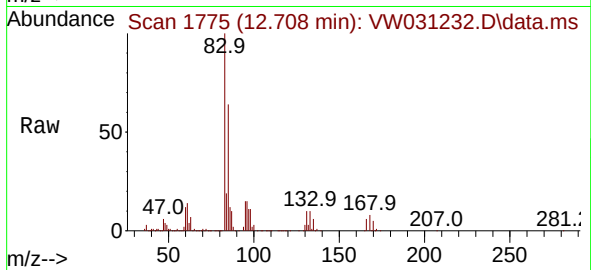
Tgt Ion: 83 Resp: 158275

Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

131 10.2 7.9 11.9



#59

Bromoform

Concen: 23.182 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

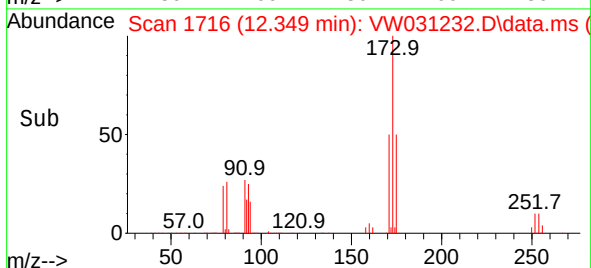
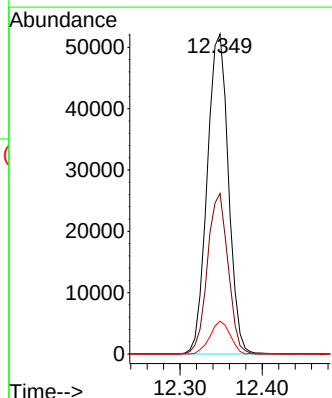
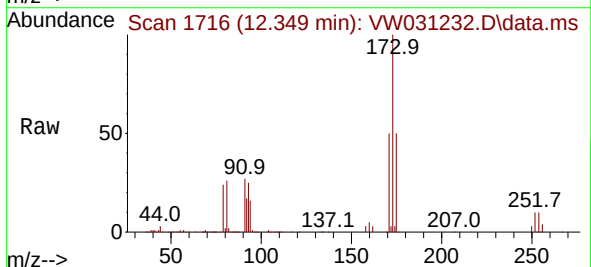
Tgt Ion:173 Resp: 93572

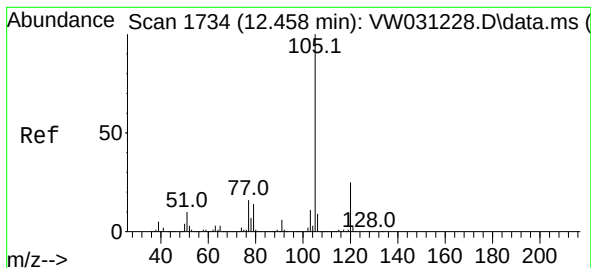
Ion Ratio Lower Upper

173 100

175 48.7 38.6 57.8

254 9.7 7.6 11.4





#60

Isopropylbenzene

Concen: 24.392 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

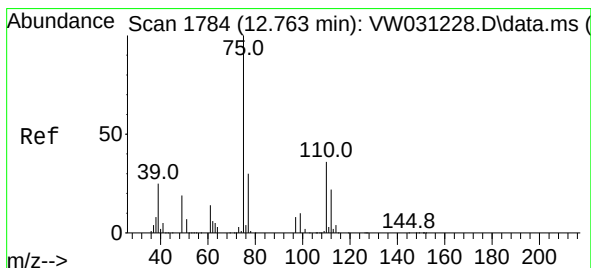
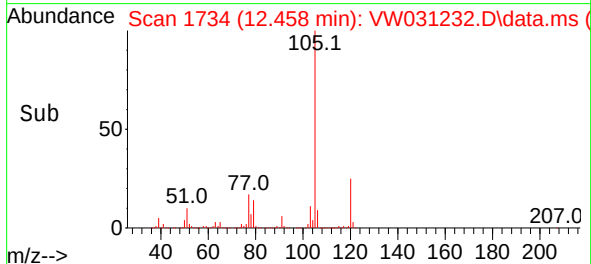
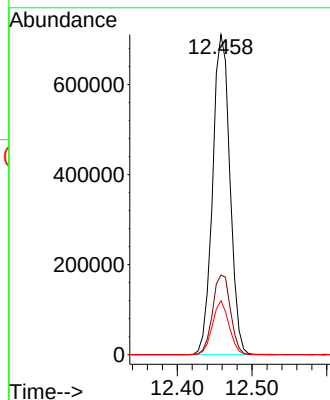
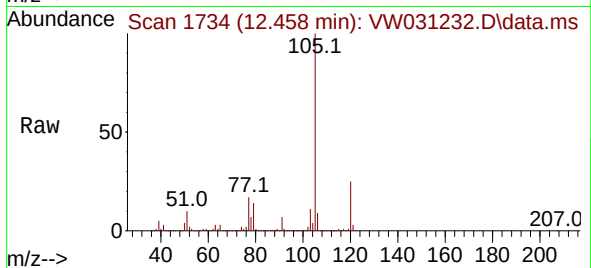
Tgt Ion:105 Resp: 1146933

Ion Ratio Lower Upper

105 100

120 25.8 20.6 31.0

77 16.1 12.8 19.2



#61

1,2,3-Trichloropropane

Concen: 23.170 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

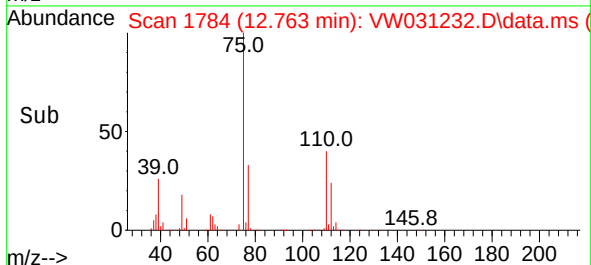
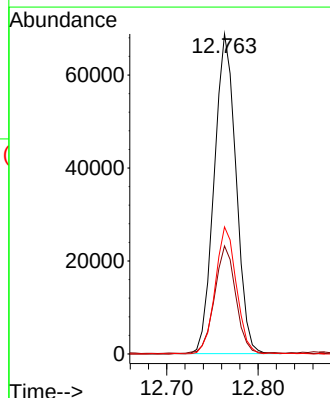
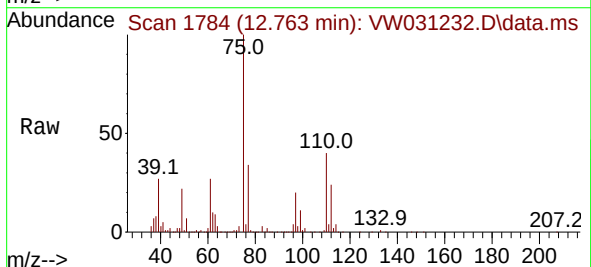
Tgt Ion: 75 Resp: 113920

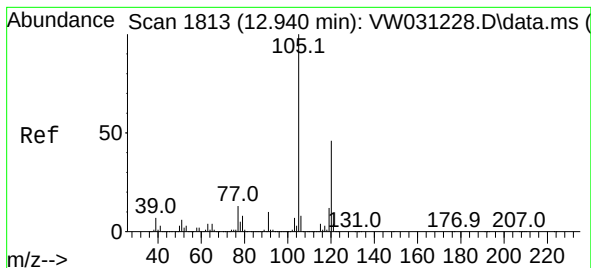
Ion Ratio Lower Upper

75 100

77 32.4 25.3 37.9

110 38.2 31.2 46.8





#62

1,3,5-Trimethylbenzene

Concen: 24.724 ug/L

RT: 12.934 min Scan# 1812

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

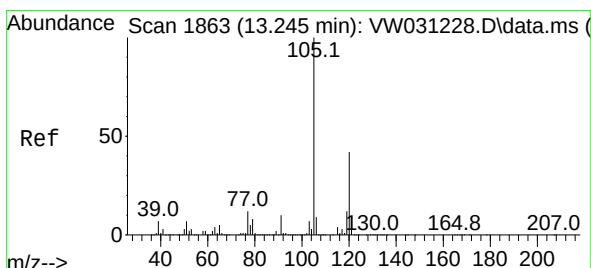
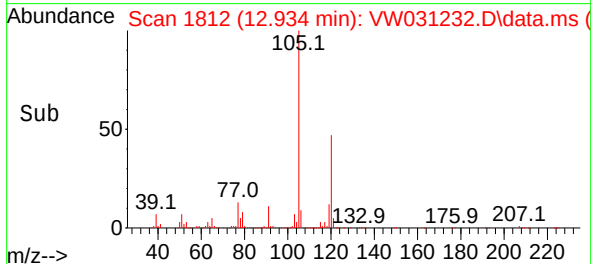
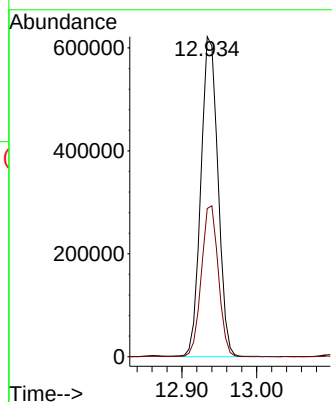
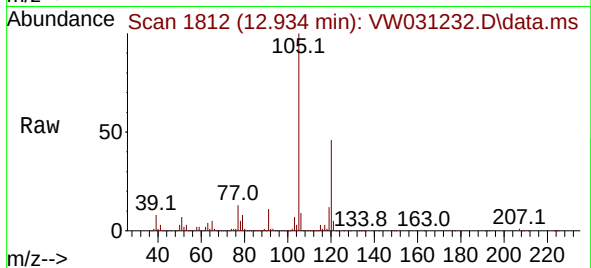
ClientSampleId :

Tgt Ion:105 Resp: 985619

Ion Ratio Lower Upper

105 100

120 46.7 37.3 55.9



#63

1,2,4-Trimethylbenzene

Concen: 24.465 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW031232.D

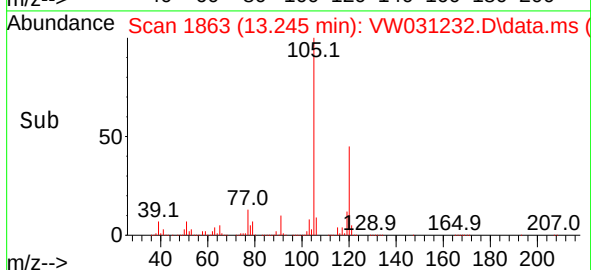
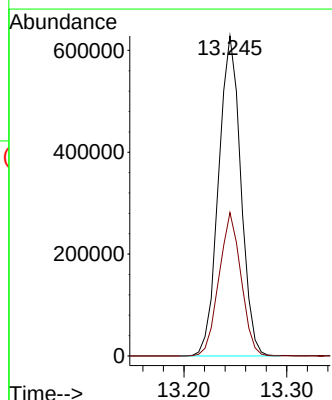
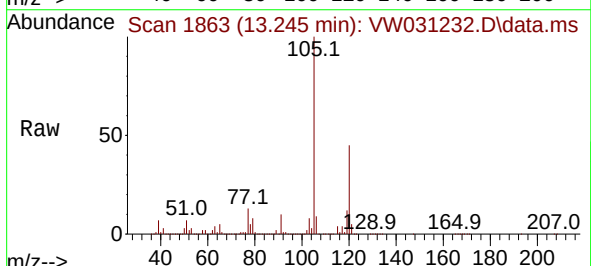
Acq: 13 Dec 2024 12:00

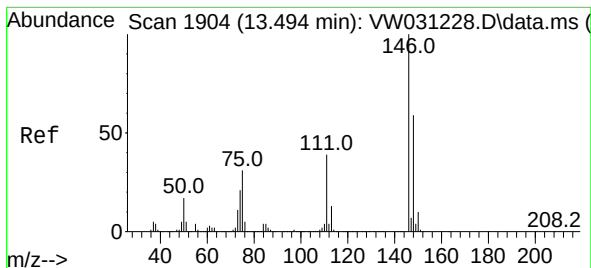
Tgt Ion:105 Resp: 942634

Ion Ratio Lower Upper

105 100

120 44.4 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 24.782 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

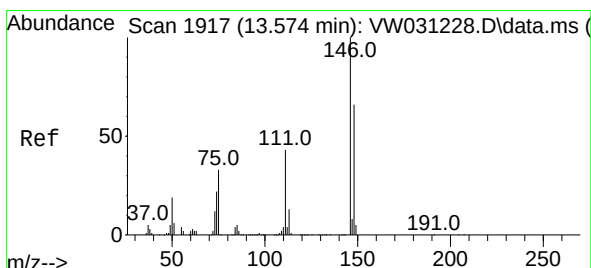
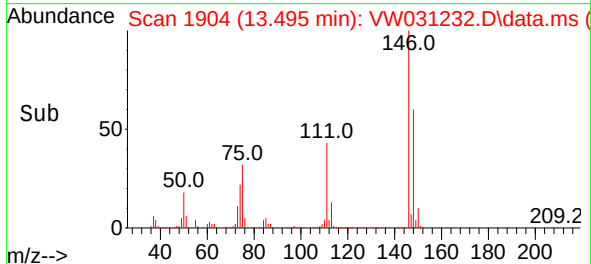
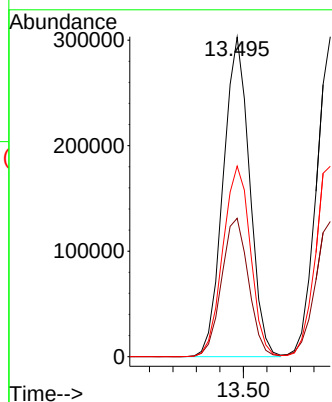
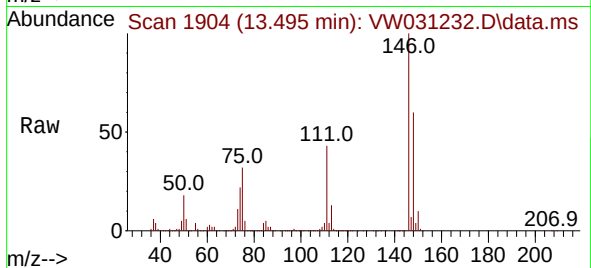
Tgt Ion:146 Resp: 472108

Ion Ratio Lower Upper

146 100

111 43.3 27.6 51.2

148 59.7 41.0 76.2



#65

1,4-Dichlorobenzene

Concen: 24.905 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

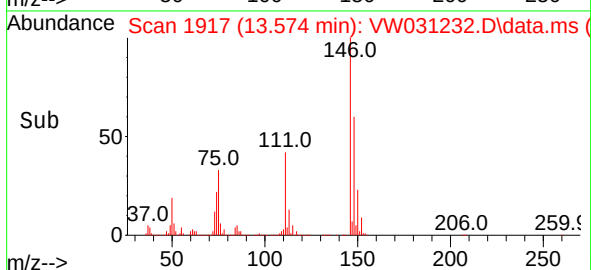
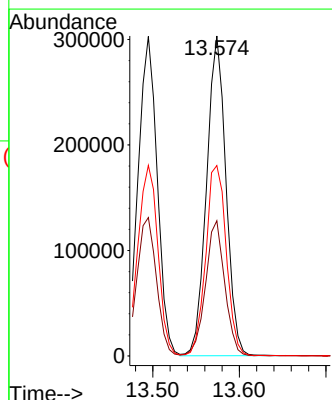
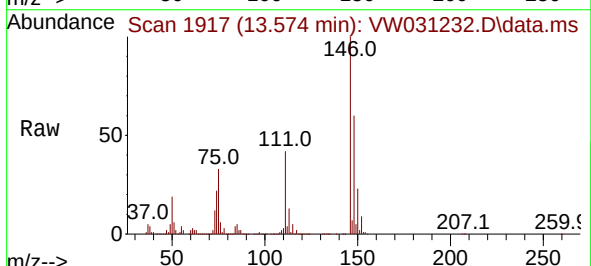
Tgt Ion:146 Resp: 470090

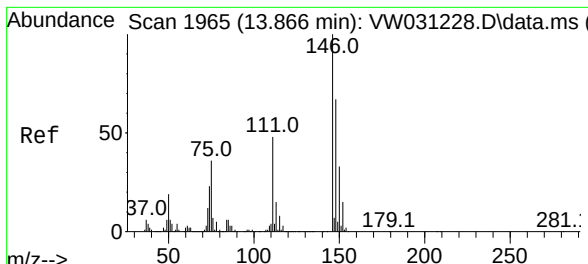
Ion Ratio Lower Upper

146 100

111 42.3 30.7 56.9

148 59.5 46.5 86.3



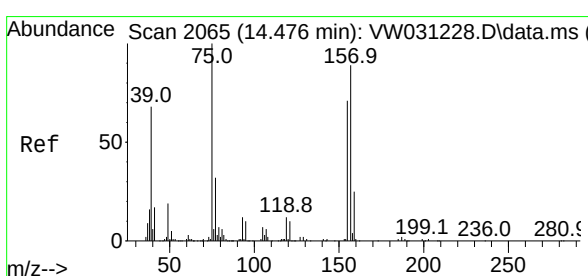
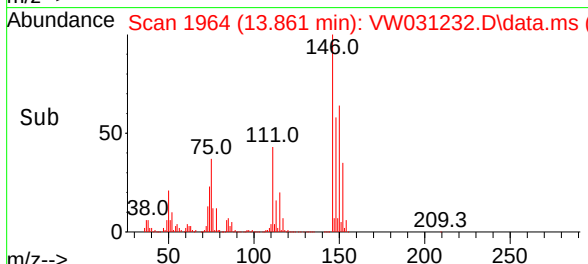
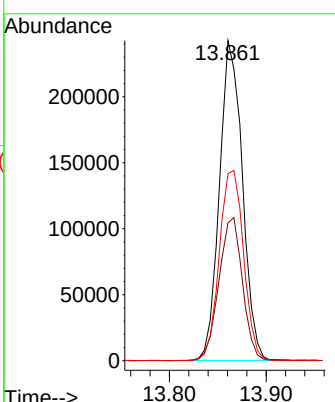
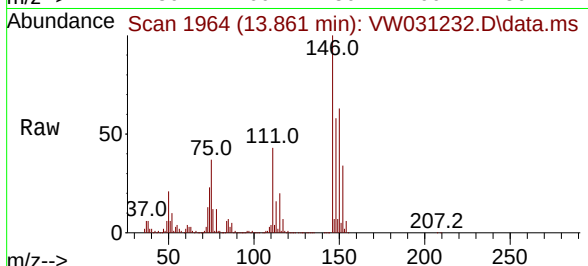


#67
 1,2-Dichlorobenzene
 Concen: 24.296 ug/L
 RT: 13.861 min Scan# 1964
 Delta R.T. -0.006 min
 Lab File: VW031232.D
 Acq: 13 Dec 2024 12:00

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:146 Resp: 398812

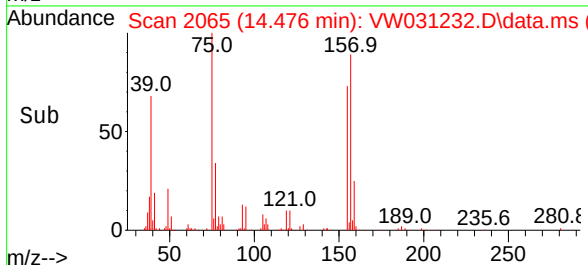
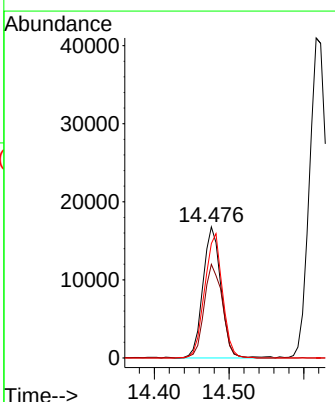
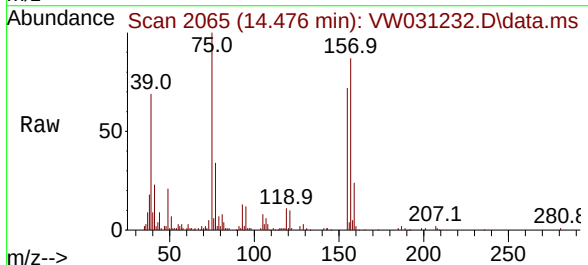
Ion	Ratio	Lower	Upper
146	100		
111	43.0	38.6	58.0
148	58.4	53.6	80.4

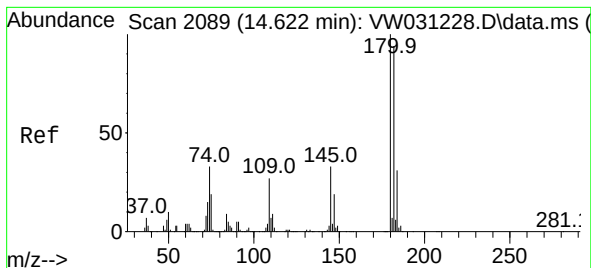


#68
 1,2-Dibromo-3-chloropropane
 Concen: 22.601 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW031232.D
 Acq: 13 Dec 2024 12:00

Tgt Ion: 75 Resp: 28199

Ion	Ratio	Lower	Upper
75	100		
155	71.5	56.6	85.0
157	87.3	71.2	106.8





#69

1,3,5-Trichlorobenzene

Concen: 24.905 ug/L

RT: 14.616 min Scan# 2088

Delta R.T. -0.006 min

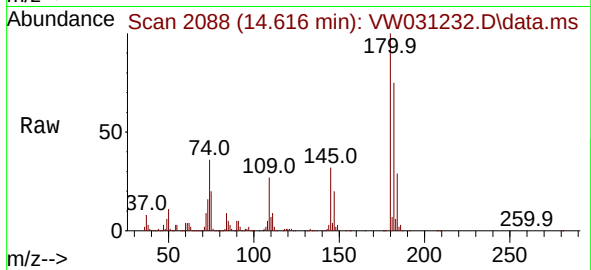
Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 332290

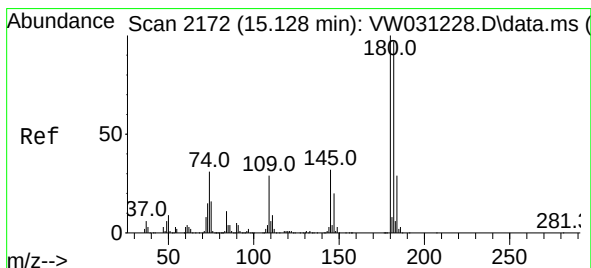
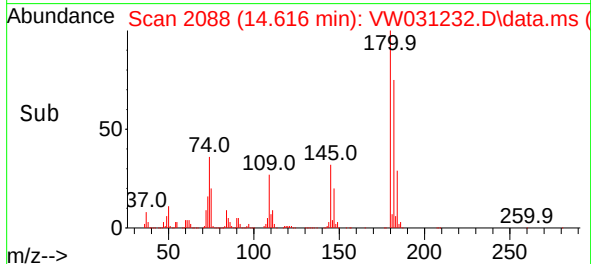
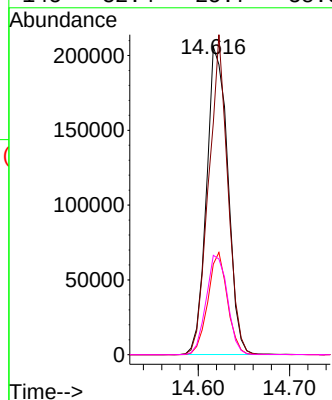
Ion Ratio Lower Upper

180 100

182 93.1 75.0 112.4

184 30.6 24.6 36.8

145 32.4 25.7 38.5



#70

1,2,4-trichlorobenzene

Concen: 24.069 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

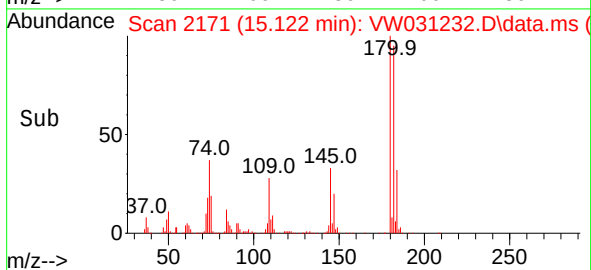
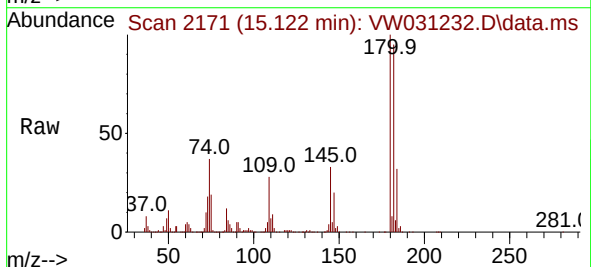
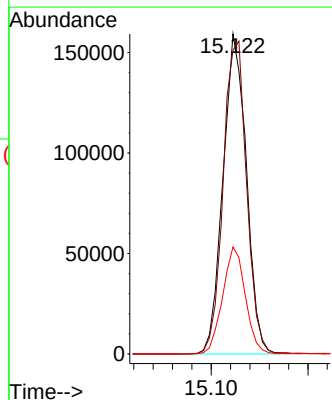
Tgt Ion:180 Resp: 267132

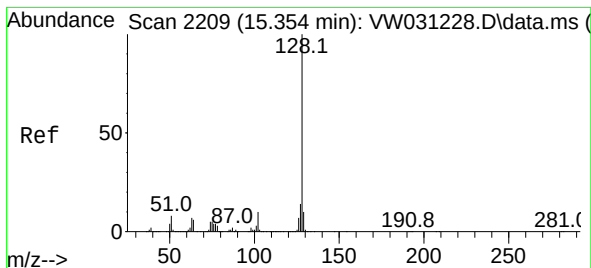
Ion Ratio Lower Upper

180 100

182 97.7 78.2 117.2

145 32.5 26.7 40.1





#71

Naphthalene

Concen: 23.706 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Instrument :

MSVOA_W

ClientSampleId :

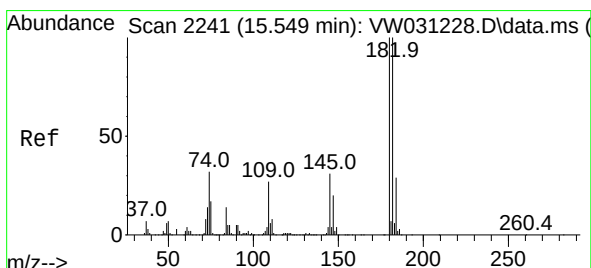
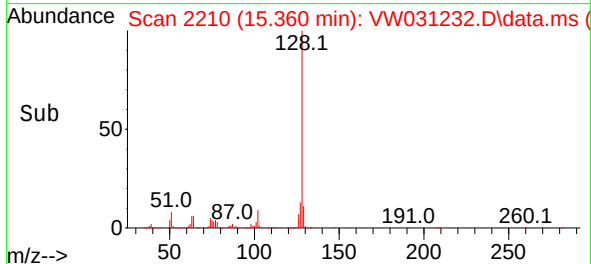
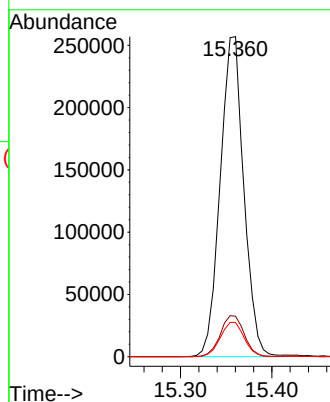
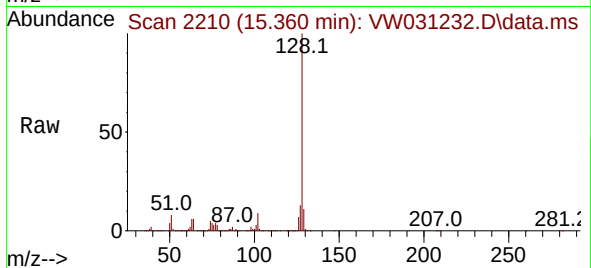
Tgt Ion:128 Resp: 461278

Ion Ratio Lower Upper

128 100

127 13.0 10.7 16.1

129 10.9 8.6 13.0



#72

1,2,3-Trichlorobenzene

Concen: 24.164 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW031232.D

Acq: 13 Dec 2024 12:00

Tgt Ion:180 Resp: 216081

Ion Ratio Lower Upper

180 100

182 95.3 75.0 112.4

145 35.9 27.8 41.6

