

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080624\
 Data File : VW029843.D
 Acq On : 06 Aug 2024 16:00
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 07 02:29:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 07 02:26:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	216890	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	207286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	105619	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	40392	13.118	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.480%
7) Chloroethane-d5	2.893	69	39320	17.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	71.560%
11) 1,1-Dichloroethene-d2	4.027	65	23310	16.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.320%
21) 2-Butanone-d5	7.081	46	46465	55.057	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.120%
24) Chloroform-d	7.648	84	137494	24.489	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.960%
26) 1,2-Dichloroethane-d4	8.307	65	78561	24.566	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.280%
32) Benzene-d6	8.276	84	240867	21.506	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.040%
36) 1,2-Dichloropropane-d6	9.270	67	82655	23.112	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.440%
41) Toluene-d8	10.319	98	218110	21.902	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	10.575	79	32025	22.130	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.520%
47) 2-Hexanone-d5	10.922	63	30617	51.920	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	70456	26.533	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	74786	22.804	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	60805	20.798	ug/L	98
3) Chloromethane	2.222	50	89138	24.640	ug/L	96
5) Vinyl chloride	2.375	62	89221	22.011	ug/L	99
6) Bromomethane	2.783	94	54266	24.380	ug/L	91
8) Chloroethane	2.930	64	56783	24.624	ug/L	97
9) Trichlorofluoromethane	3.259	101	78602	24.276	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	76407	23.694	ug/L #	68
12) 1,1-Dichloroethene	4.045	96	70320	23.733	ug/L	92
13) Acetone	4.125	43	59335	56.574	ug/L	98
14) Carbon disulfide	4.393	76	224040	22.721	ug/L	99
15) Methyl Acetate	4.673	43	49588	28.386	ug/L	100
16) Methylene chloride	4.917	84	102546	22.616	ug/L	98
17) trans-1,2-Dichloroethene	5.423	96	81755	25.605	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	149185	28.349	ug/L	98
19) 1,1-Dichloroethane	6.216	63	180577	26.815	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	94029	27.149	ug/L	96
22) 2-Butanone	7.173	43	78229	58.213	ug/L	100
23) Bromochloromethane	7.514	128	42368	28.814	ug/L	94
25) Chloroform	7.673	83	176236	27.777	ug/L	99

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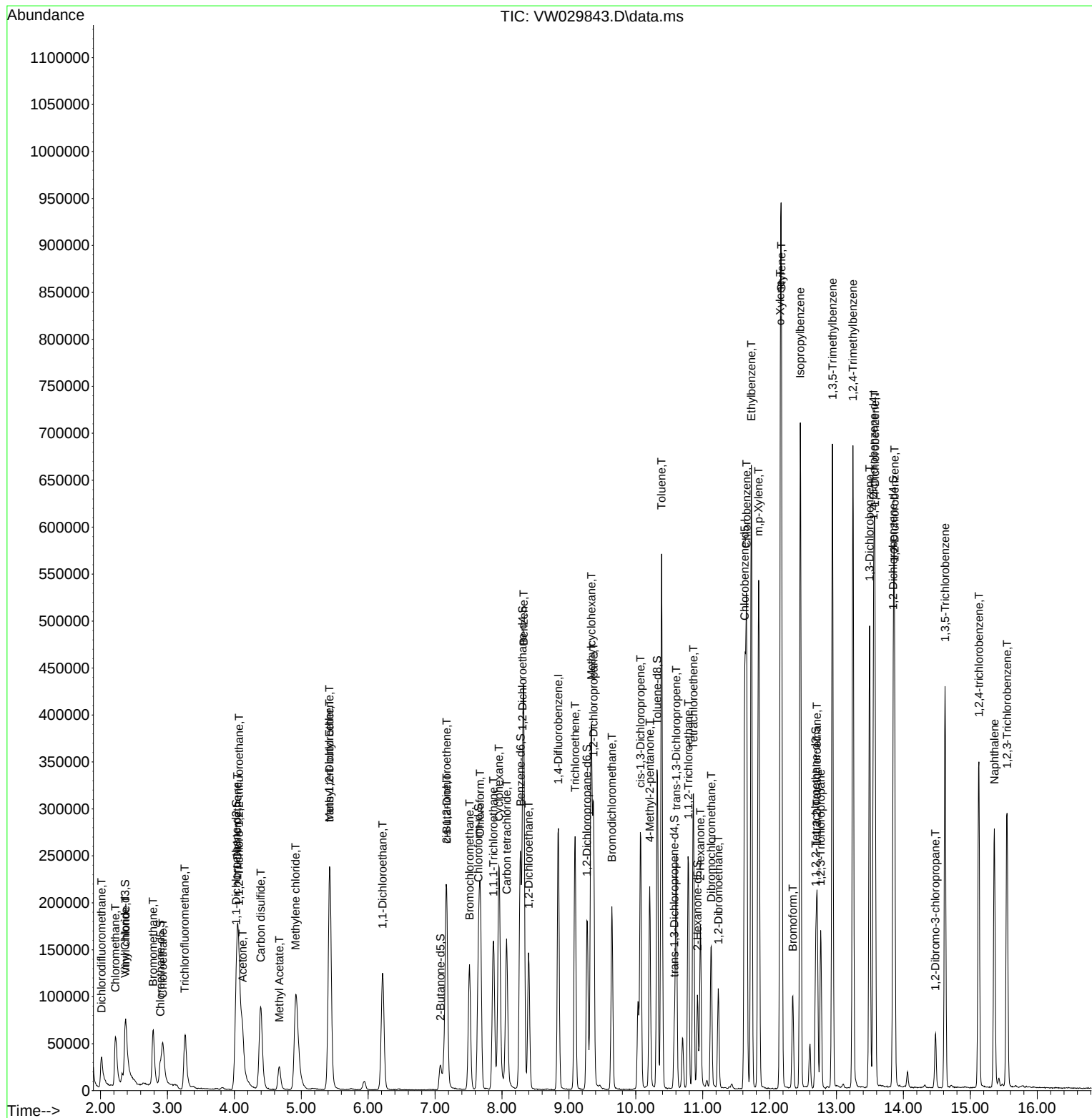
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	131408	28.420	ug/L	97
29) Cyclohexane	7.953	56	134715	22.869	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	130594	24.879	ug/L	98
31) Carbon tetrachloride	8.069	117	116648	24.661	ug/L	98
33) Benzene	8.325	78	372023	26.194	ug/L	100
34) Trichloroethene	9.093	95	92929	24.959	ug/L	98
35) Methylcyclohexane	9.337	83	142119	22.908	ug/L	96
37) 1,2-Dichloropropane	9.367	63	107040	27.502	ug/L	99
38) Bromodichloromethane	9.642	83	126283	27.247	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	152295	26.868	ug/L	96
40) 4-Methyl-2-pentanone	10.209	43	146187	59.133	ug/L	99
42) Toluene	10.386	91	388762	26.816	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	131271	27.898	ug/L	100
45) 1,1,2-Trichloroethane	10.788	97	72640	27.781	ug/L	99
46) Tetrachloroethene	10.861	164	66246	24.480	ug/L	88
48) 2-Hexanone	10.965	43	112133	60.561	ug/L	100
49) Dibromochloromethane	11.129	129	77191	28.438	ug/L	91
50) 1,2-Dibromoethane	11.233	107	68754	28.419	ug/L	97
51) Chlorobenzene	11.654	112	239792	26.592	ug/L	98
52) Ethylbenzene	11.727	91	438341	26.805	ug/L	99
53) m,p-Xylene	11.837	106	162006	26.937	ug/L	92
54) o-Xylene	12.160	106	154728	27.938	ug/L	98
55) Styrene	12.178	104	272826	28.419	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.708	83	92037	28.679	ug/L	99
59) Bromoform	12.349	173	43505	27.374	ug/L	99
60) Isopropylbenzene	12.458	105	421616	25.797	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	68061	26.495	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	338413	27.857	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	345087	26.561	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	184618	26.476	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	181325	25.315	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	165224	26.026	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	15258	26.160	ug/L	93
69) 1,3,5-Trichlorobenzene	14.623	180	121536	25.474	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	99652	24.793	ug/L	99
71) Naphthalene	15.360	128	217306	28.335	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	88547	24.340	ug/L	92

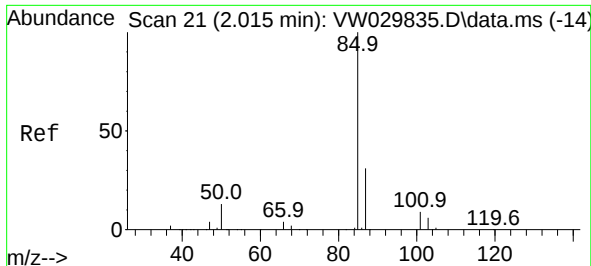
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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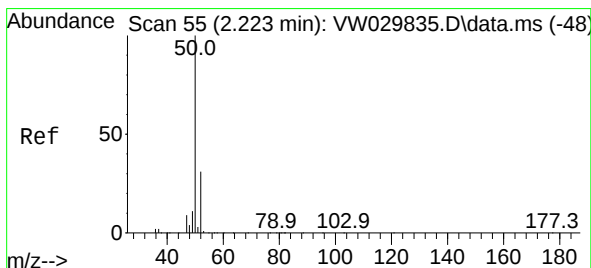
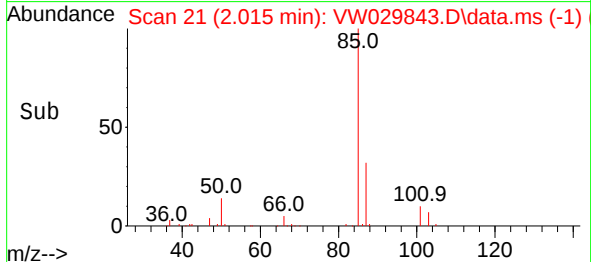
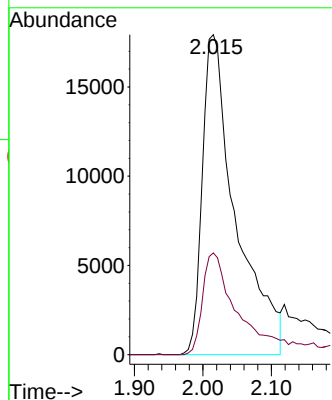
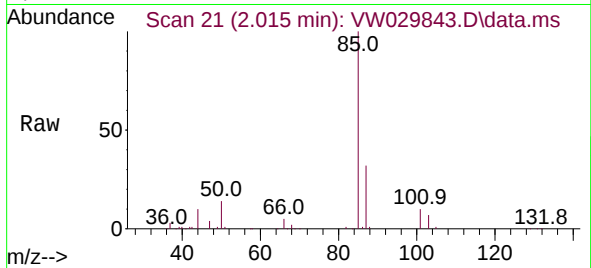




#2
Dichlorodifluoromethane
Concen: 20.798 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

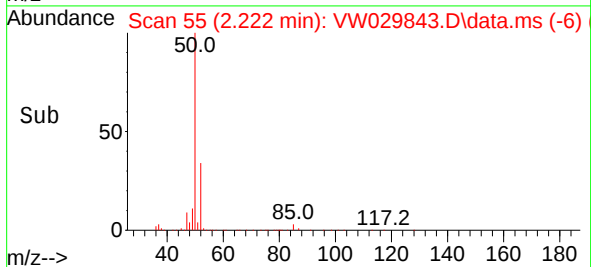
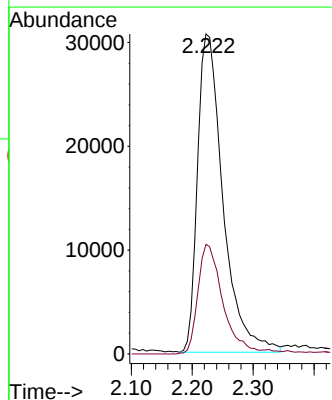
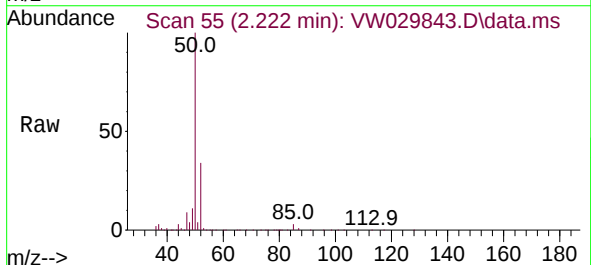
Instrument :
MSVOA_W
ClientSampleId :

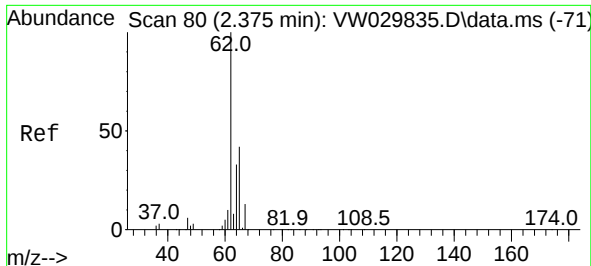
Tgt Ion: 85 Resp: 60805
Ion Ratio Lower Upper
85 100
87 33.1 25.5 38.3



#3
Chloromethane
Concen: 24.640 ug/L
RT: 2.222 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

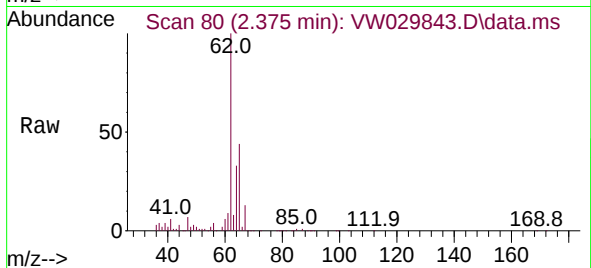
Tgt Ion: 50 Resp: 89138
Ion Ratio Lower Upper
50 100
52 34.2 22.5 41.9



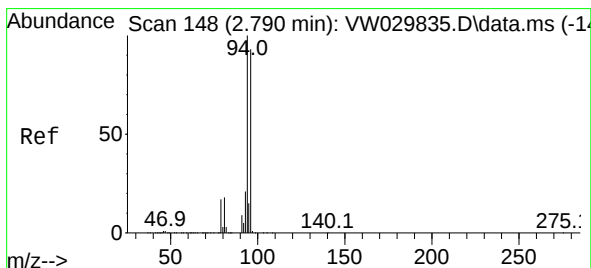
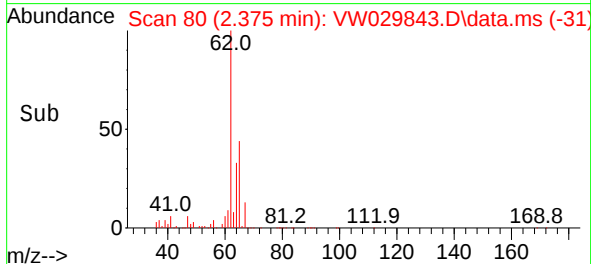
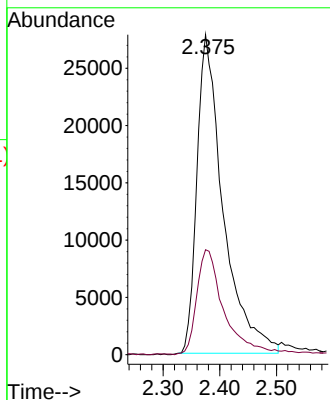


#5
 Vinyl chloride
 Concen: 22.011 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029843.D
 Acq: 06 Aug 2024 16:00

Instrument :
 MSVOA_W
 ClientSampleId :

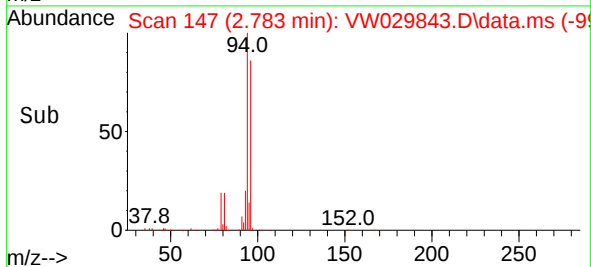
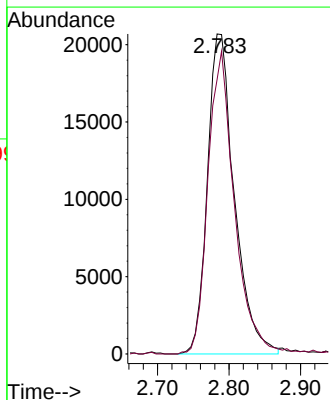
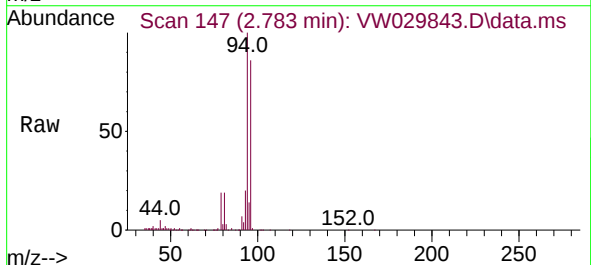


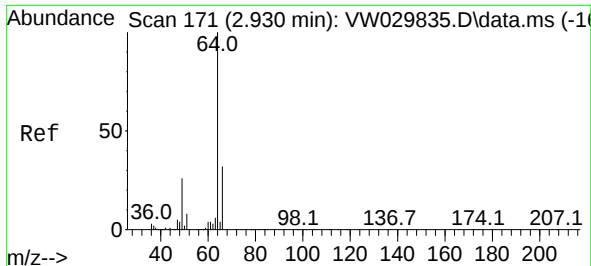
Tgt Ion: 62 Resp: 89221
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.2 43.2



#6
 Bromomethane
 Concen: 24.380 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029843.D
 Acq: 06 Aug 2024 16:00

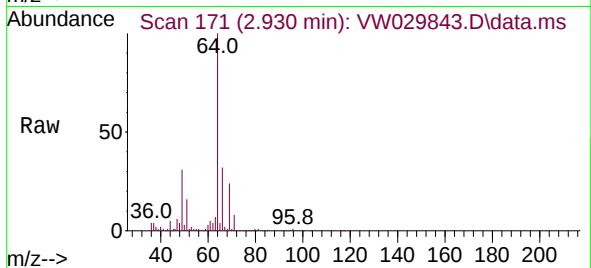
Tgt Ion: 94 Resp: 54266
 Ion Ratio Lower Upper
 94 100
 96 85.7 66.2 123.0



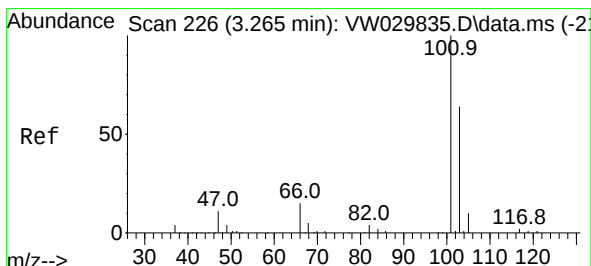
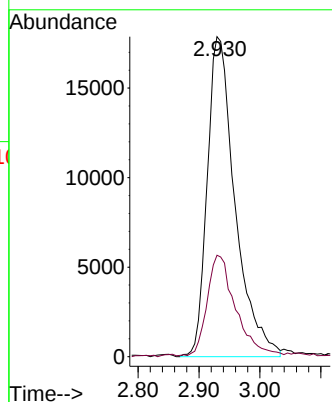
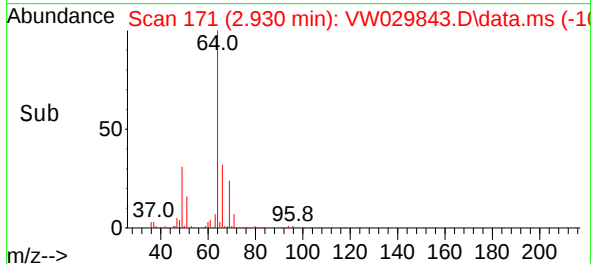


#8
Chloroethane
Concen: 24.624 ug/L
RT: 2.930 min Scan# 171
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Instrument :
MSVOA_W
ClientSampleId :

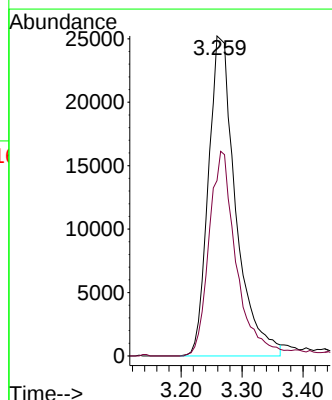
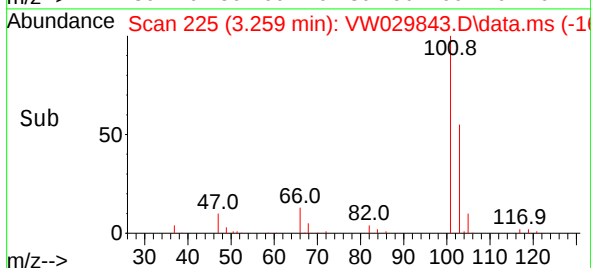
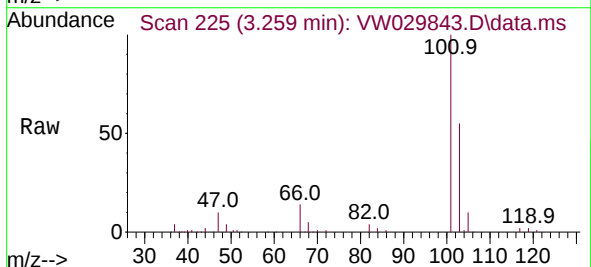


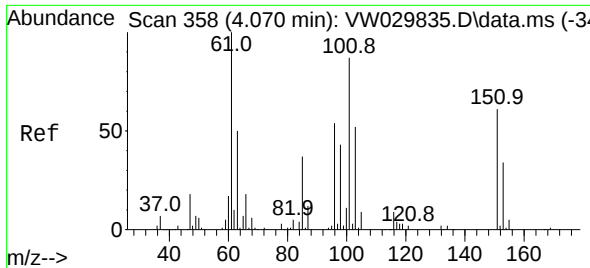
Tgt Ion: 64 Resp: 56783
Ion Ratio Lower Upper
64 100
66 31.7 21.2 39.4



#9
Trichlorofluoromethane
Concen: 24.276 ug/L
RT: 3.259 min Scan# 225
Delta R.T. -0.006 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion: 101 Resp: 78602
Ion Ratio Lower Upper
101 100
103 63.4 51.0 76.4





#10

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

Concen: 23.694 ug/L

RT: 4.070 min Scan# 358

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

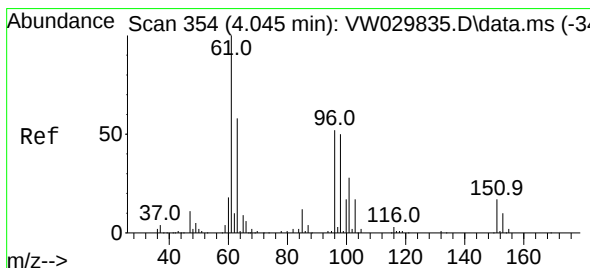
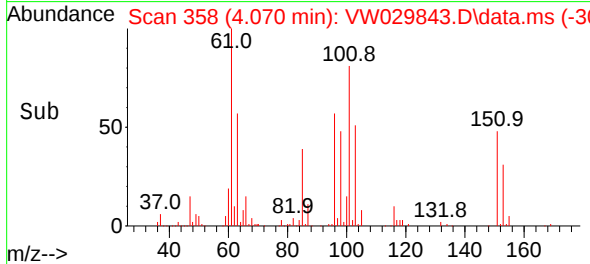
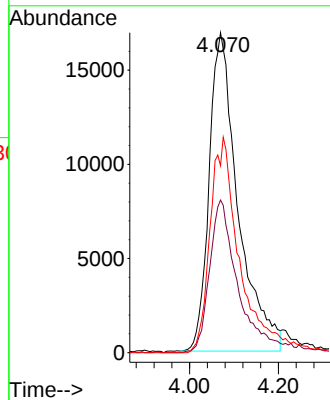
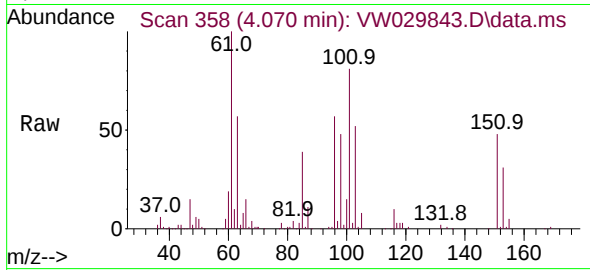
Tgt Ion:101 Resp: 76407

Ion Ratio Lower Upper

101 100

85 43.9 34.2 51.4

151 26.8 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 23.733 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

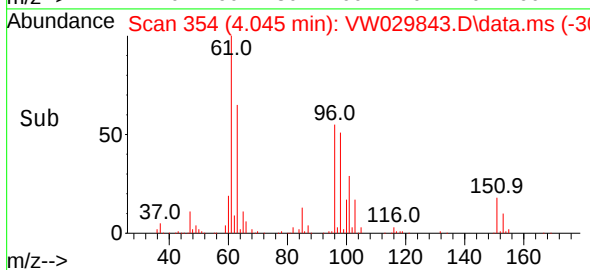
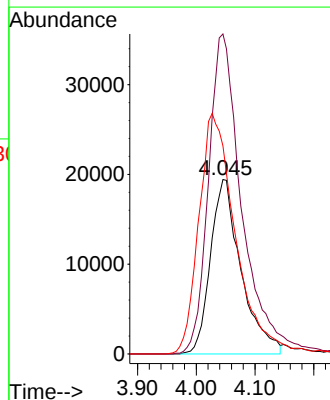
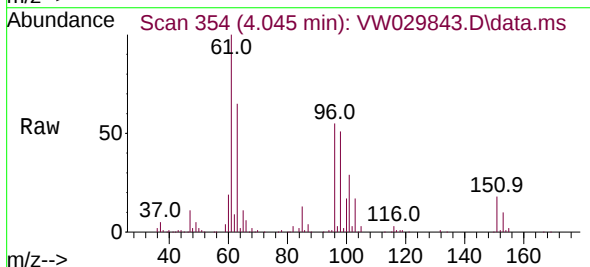
Tgt Ion: 96 Resp: 70320

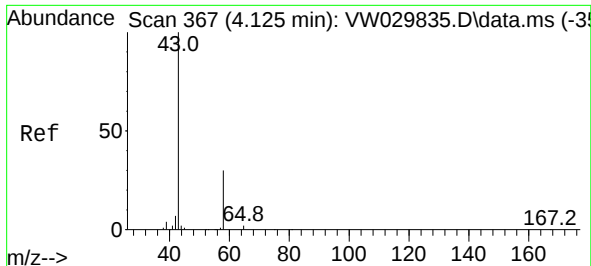
Ion Ratio Lower Upper

96 100

61 183.4 138.3 256.9

63 119.3 89.0 165.4

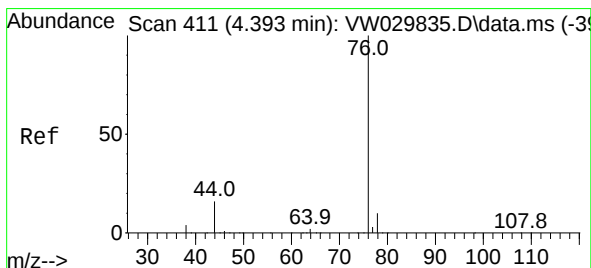
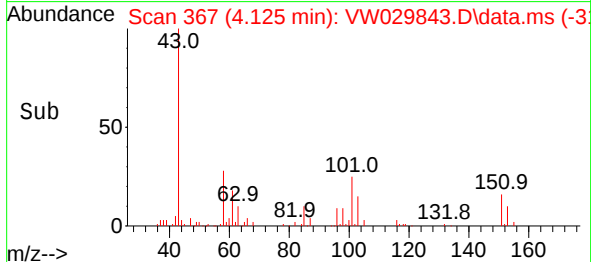
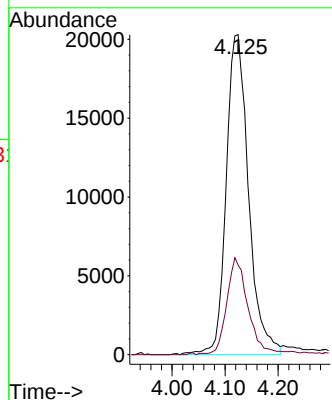
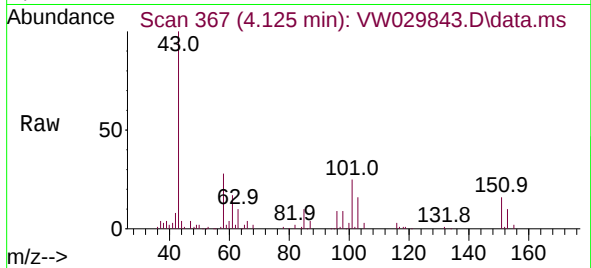




#13
Acetone
Concen: 56.574 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

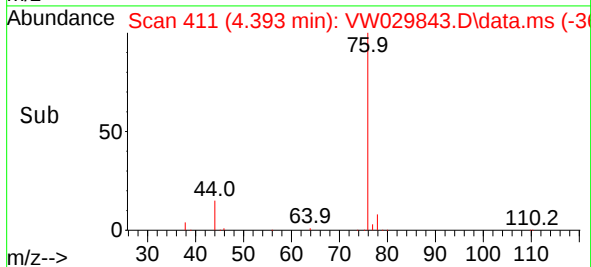
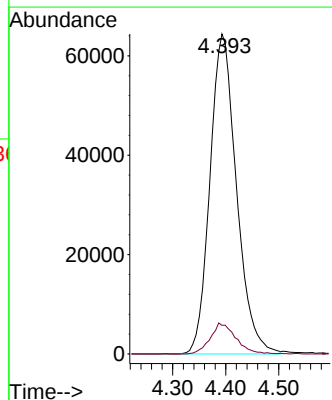
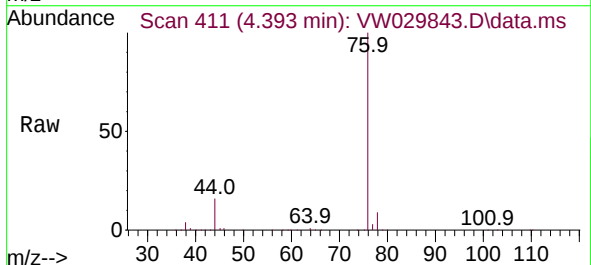
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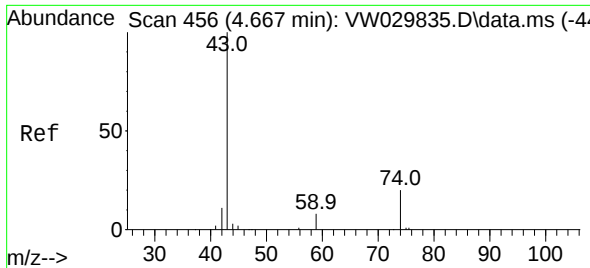
Tgt Ion: 43 Resp: 59335
Ion Ratio Lower Upper
43 100
58 27.8 0.0 57.6



#14
Carbon disulfide
Concen: 22.721 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 224040
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

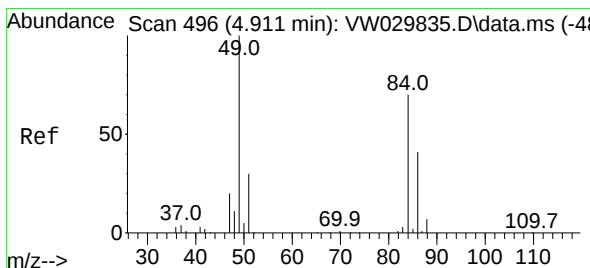
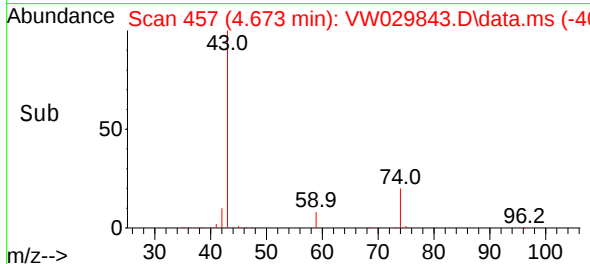
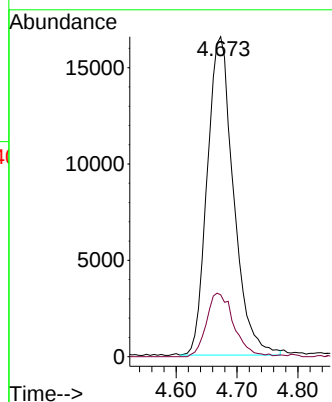
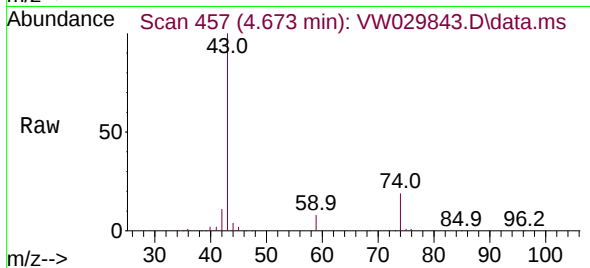




#15
Methyl Acetate
Concen: 28.386 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

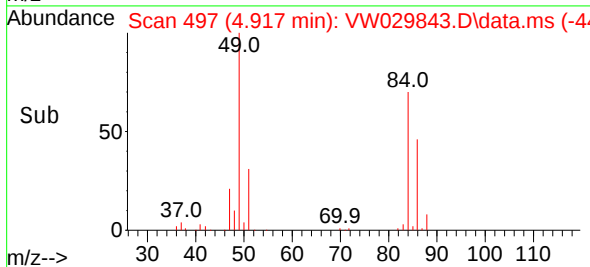
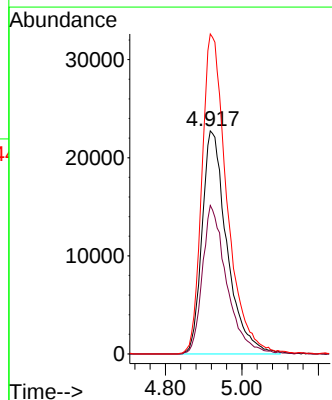
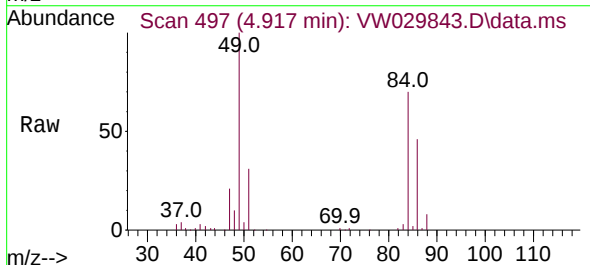
Instrument :
MSVOA_W
ClientSampleId :

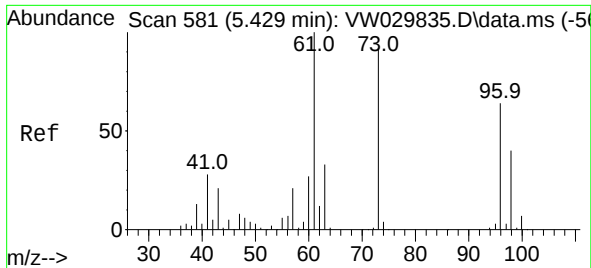
Tgt Ion: 43 Resp: 49588
Ion Ratio Lower Upper
43 100
74 20.6 16.5 24.7



#16
Methylene chloride
Concen: 22.616 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.006 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion: 84 Resp: 102546
Ion Ratio Lower Upper
84 100
86 66.6 44.7 82.9
49 143.5 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 25.605 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

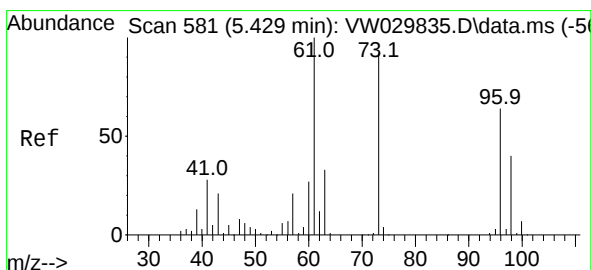
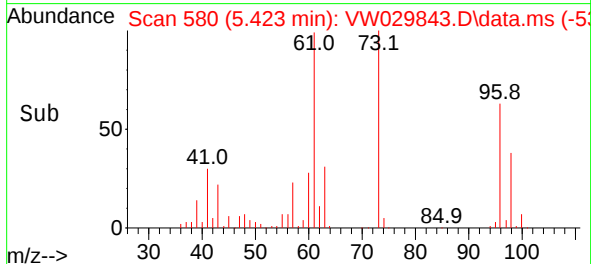
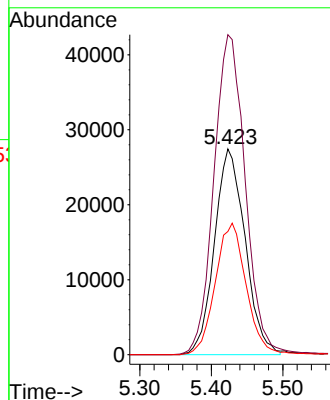
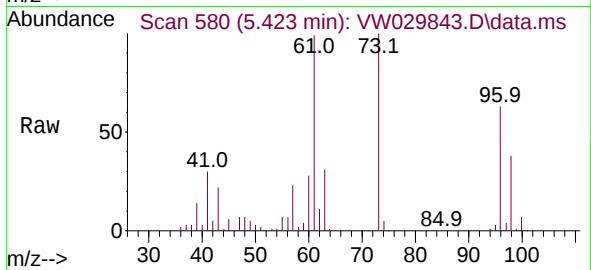
Tgt Ion: 96 Resp: 81755

Ion Ratio Lower Upper

96 100

61 155.5 111.2 206.6

98 59.8 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 28.349 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

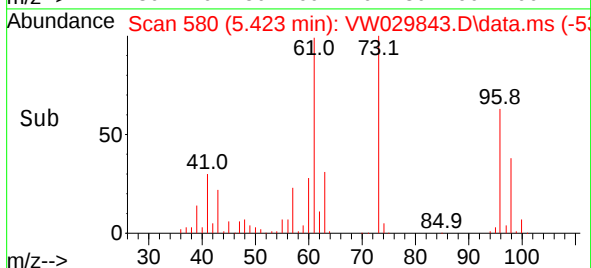
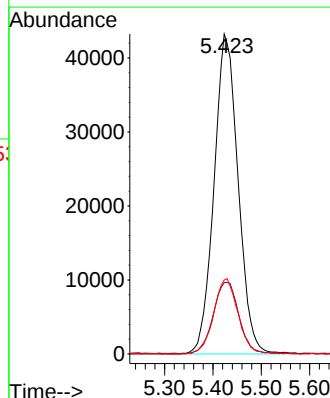
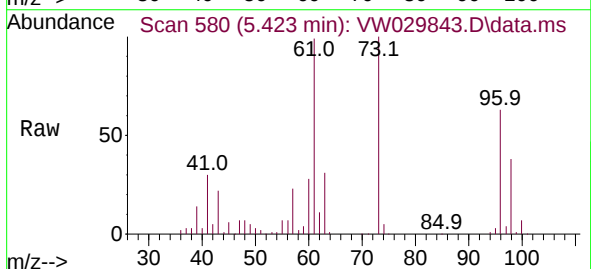
Tgt Ion: 73 Resp: 149185

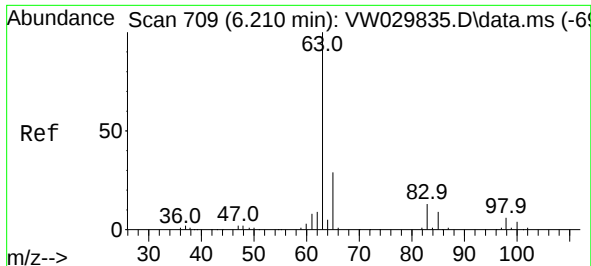
Ion Ratio Lower Upper

73 100

43 23.7 18.3 27.5

57 23.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 26.815 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

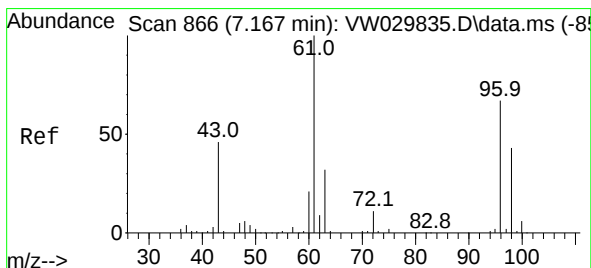
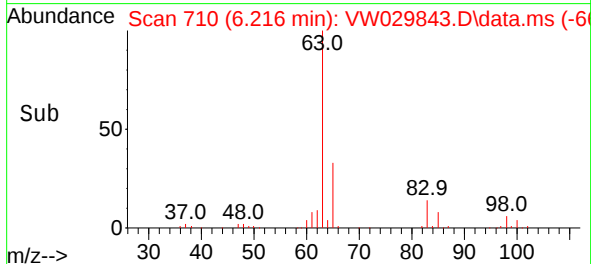
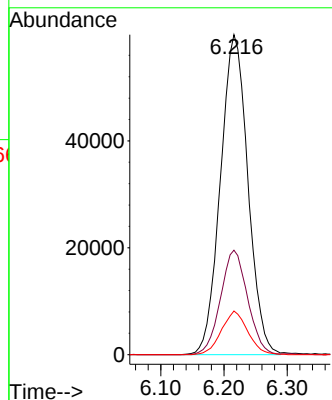
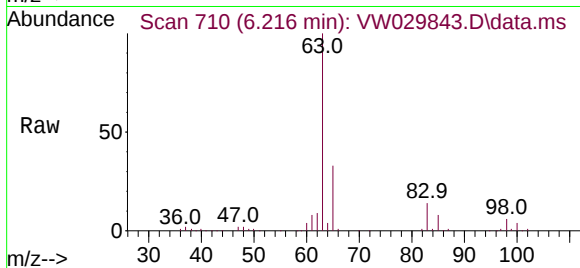
Tgt Ion: 63 Resp: 180577

Ion Ratio Lower Upper

63 100

65 32.7 22.3 41.3

83 13.7 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 27.149 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

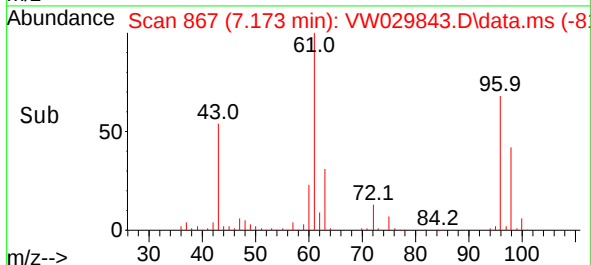
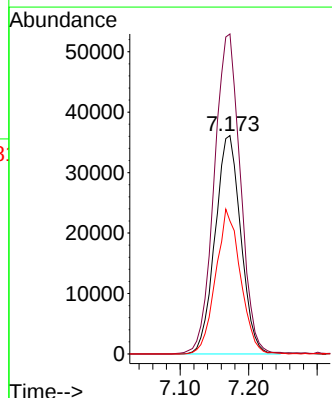
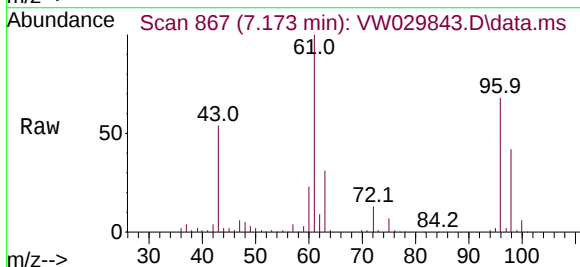
Tgt Ion: 96 Resp: 94029

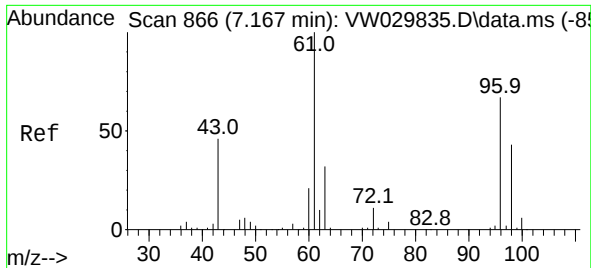
Ion Ratio Lower Upper

96 100

61 146.5 98.2 182.4

98 60.9 41.9 77.9





#22

2-Butanone

Concen: 58.213 ug/L

RT: 7.173 min Scan# 866

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

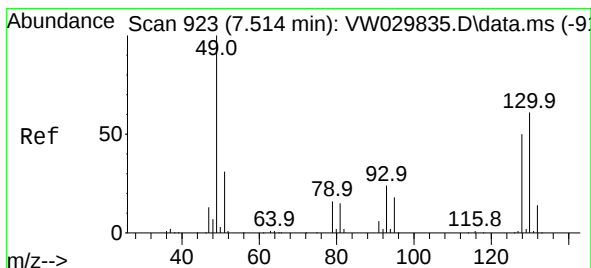
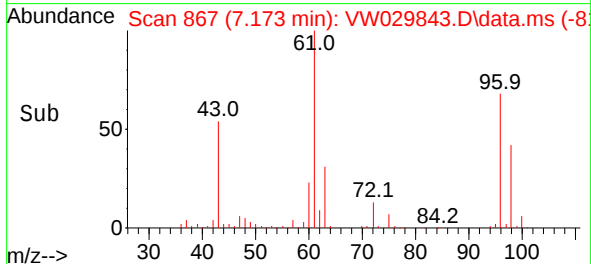
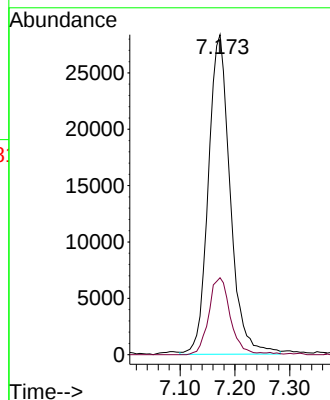
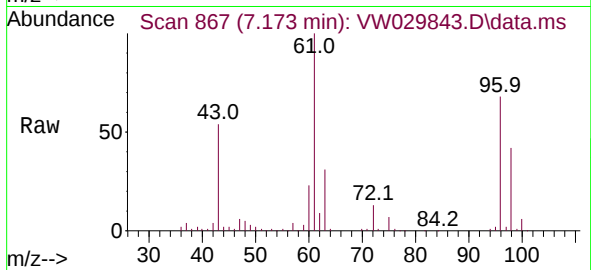
ClientSampleId :

Tgt Ion: 43 Resp: 78229

Ion Ratio Lower Upper

43 100

72 23.6 11.7 35.1



#23

Bromochloromethane

Concen: 28.814 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Tgt Ion: 128 Resp: 42368

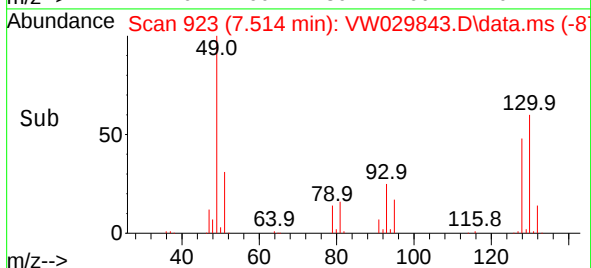
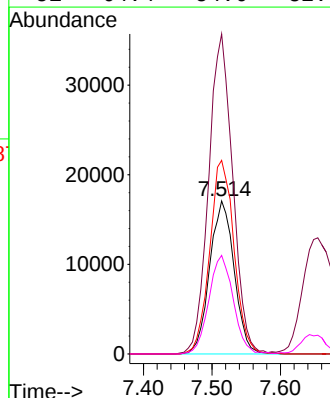
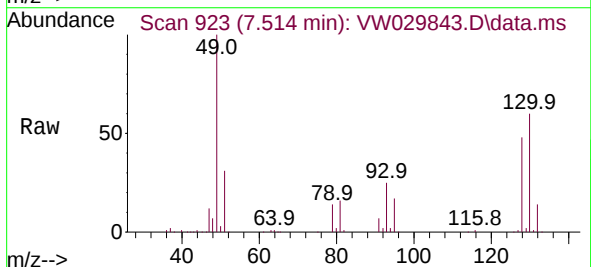
Ion Ratio Lower Upper

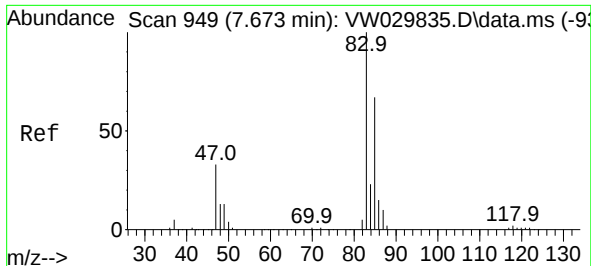
128 100

49 209.1 151.1 280.7

130 126.5 96.8 179.8

51 64.4 54.6 82.0





#25

Chloroform

Concen: 27.777 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

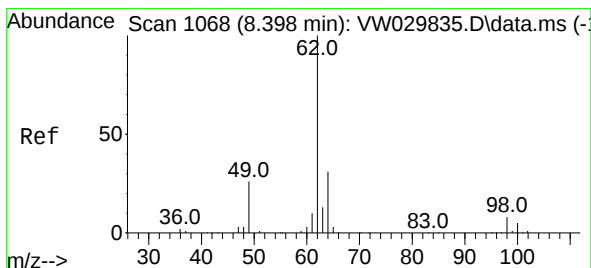
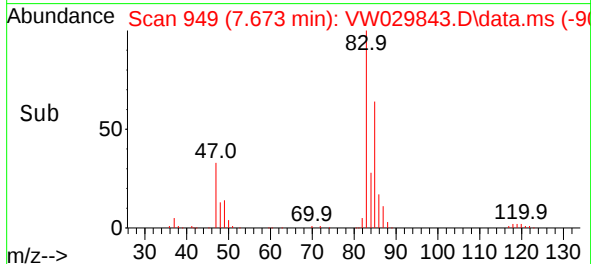
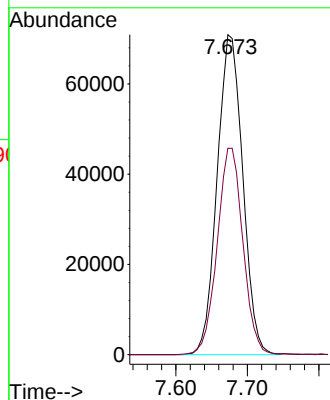
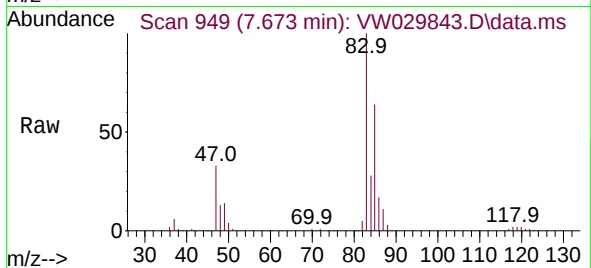
ClientSampleId :

Tgt Ion: 83 Resp: 176236

Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4



#27

1,2-Dichloroethane

Concen: 28.420 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029843.D

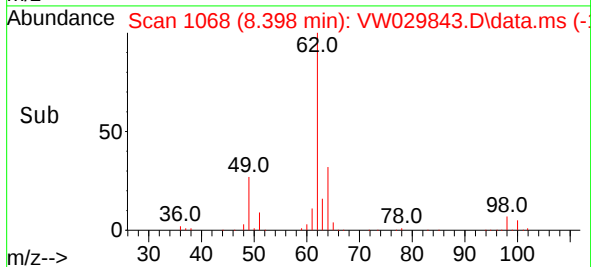
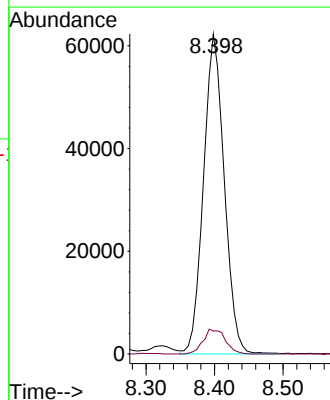
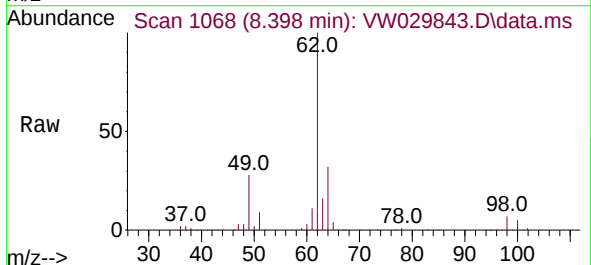
Acq: 06 Aug 2024 16:00

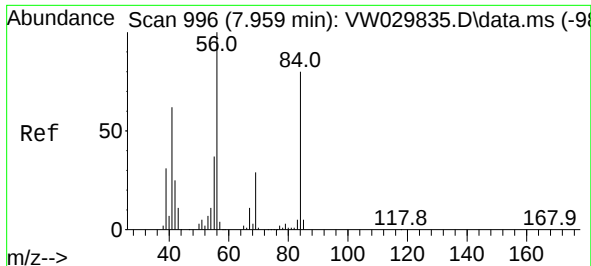
Tgt Ion: 62 Resp: 131408

Ion Ratio Lower Upper

62 100

98 7.2 6.6 10.0





#29

Cyclohexane

Concen: 22.869 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

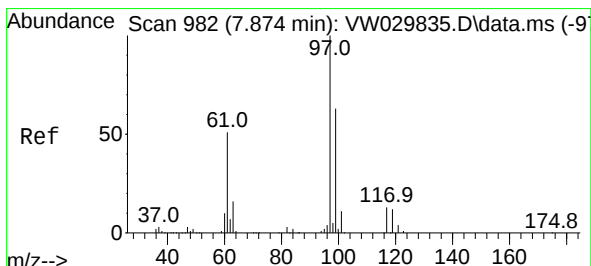
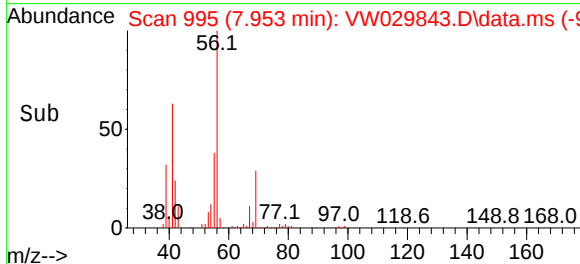
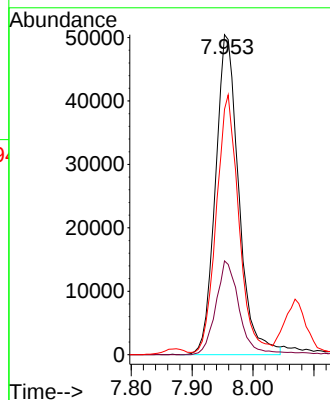
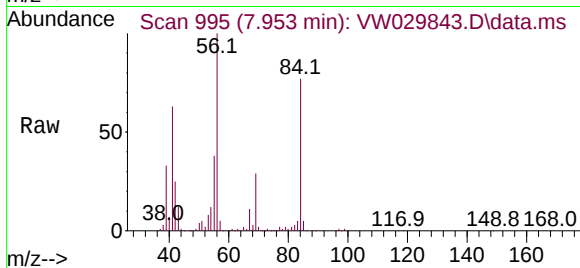
Tgt Ion: 56 Resp: 134715

Ion Ratio Lower Upper

56 100

69 29.1 23.0 34.4

84 77.8 63.5 95.3



#30

1,1,1-Trichloroethane

Concen: 24.879 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

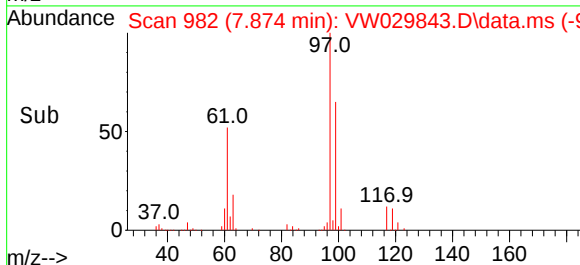
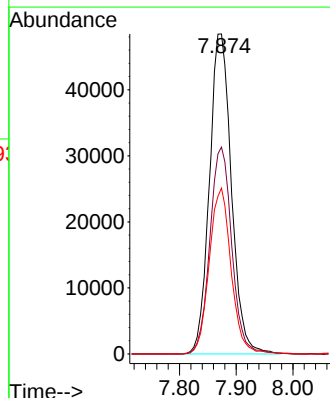
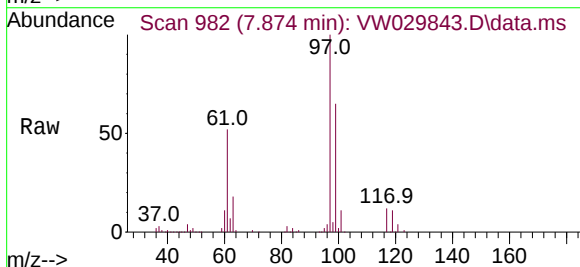
Tgt Ion: 97 Resp: 130594

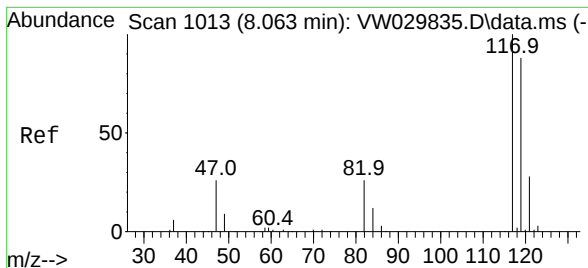
Ion Ratio Lower Upper

97 100

99 64.5 52.1 78.1

61 50.9 42.6 63.8





#31

Carbon tetrachloride

Concen: 24.661 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

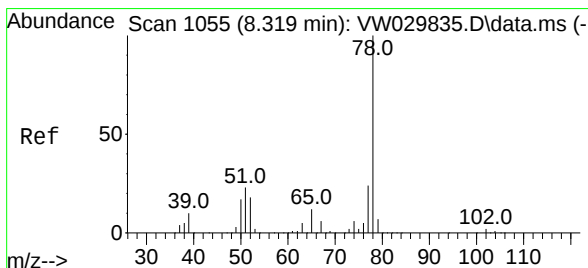
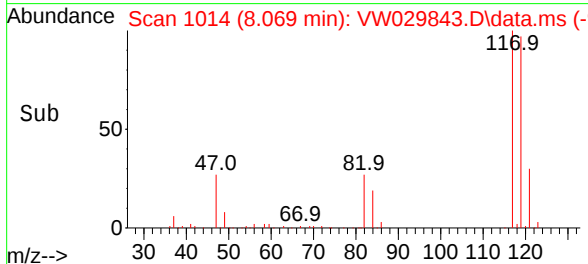
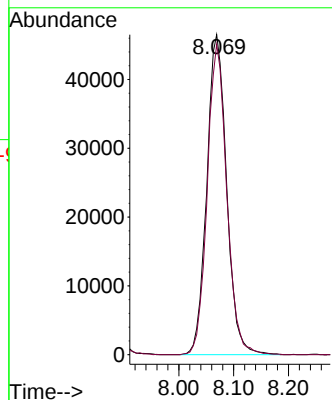
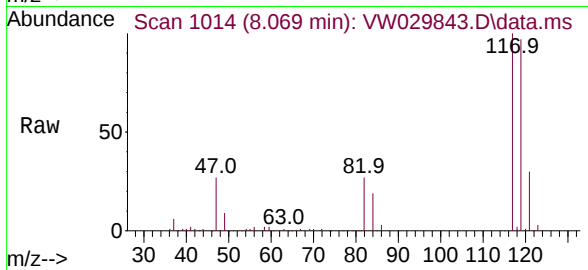
ClientSampleId :

Tgt Ion:117 Resp: 116648

Ion Ratio Lower Upper

117 100

119 95.4 74.8 112.2



#33

Benzene

Concen: 26.194 ug/L

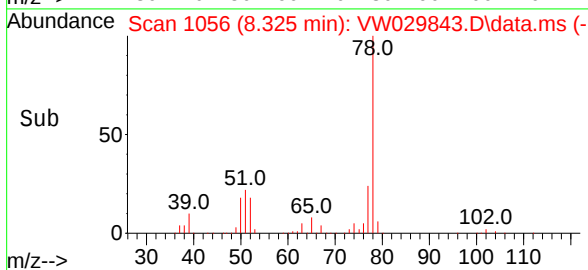
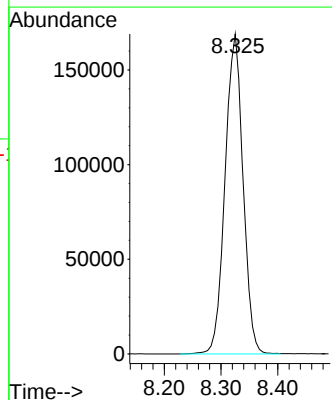
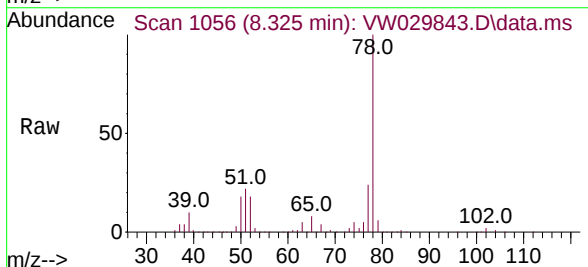
RT: 8.325 min Scan# 1056

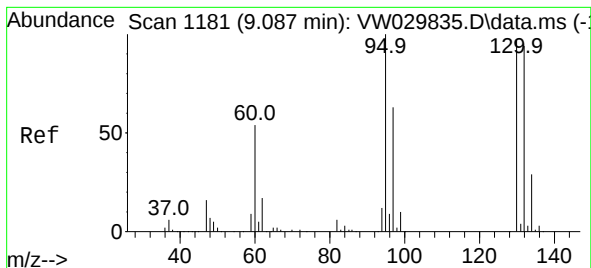
Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Tgt Ion: 78 Resp: 372023





#34

Trichloroethene

Concen: 24.959 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 92929

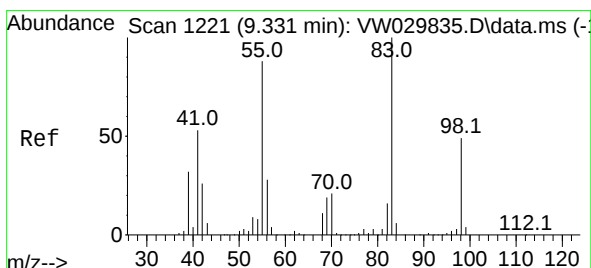
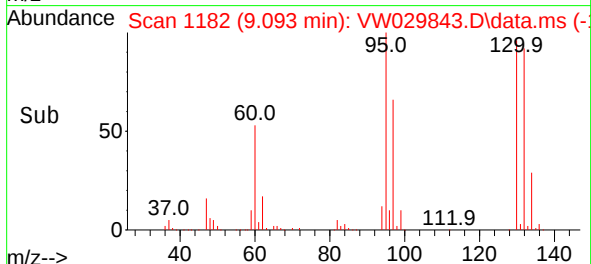
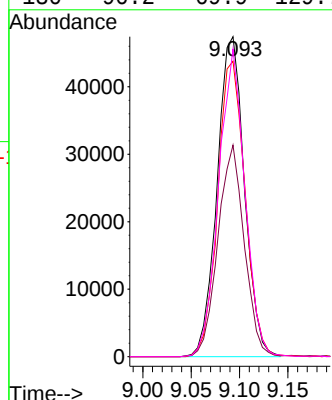
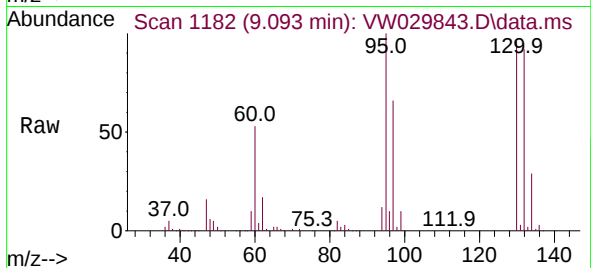
Ion Ratio Lower Upper

95 100

97 66.1 45.6 84.8

132 92.3 65.2 121.0

130 96.2 69.9 129.7



#35

Methylcyclohexane

Concen: 22.908 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

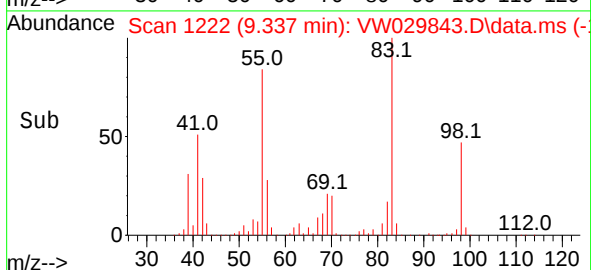
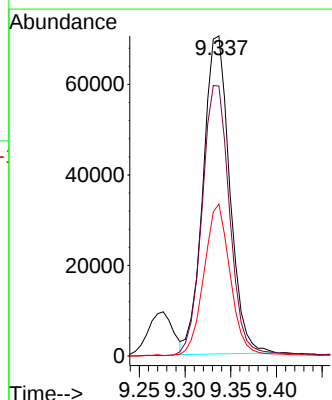
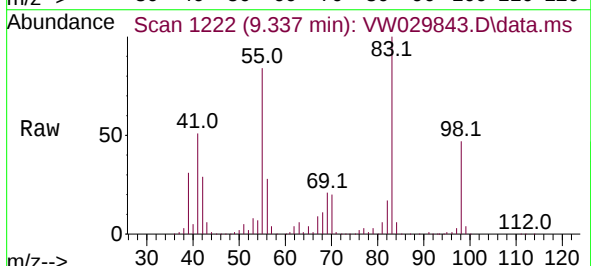
Tgt Ion: 83 Resp: 142119

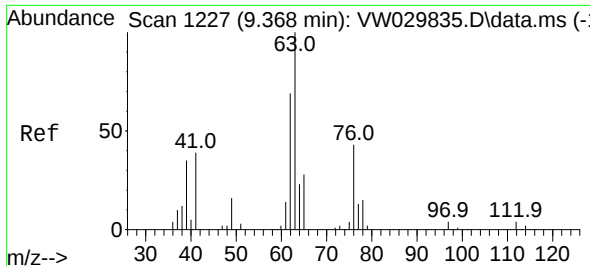
Ion Ratio Lower Upper

83 100

55 88.6 67.4 101.2

98 48.0 36.7 55.1





#37

1,2-Dichloropropane

Concen: 27.502 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

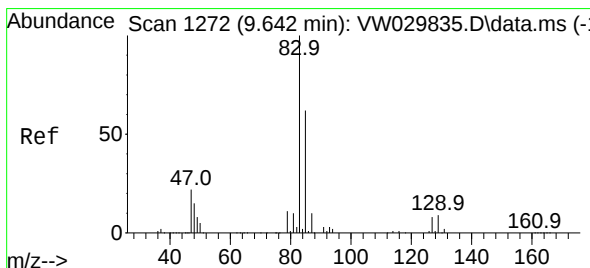
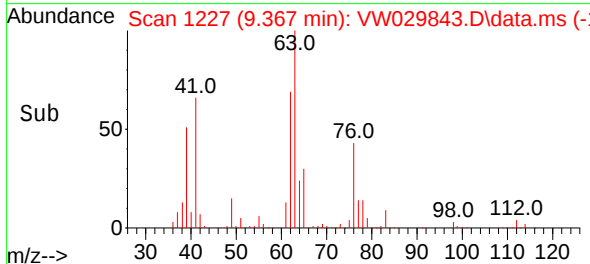
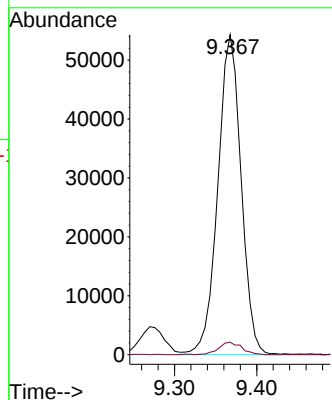
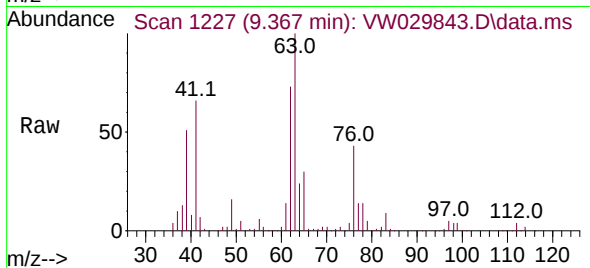
ClientSampleId :

Tgt Ion: 63 Resp: 107040

Ion Ratio Lower Upper

63 100

112 3.8 3.3 4.9



#38

Bromodichloromethane

Concen: 27.247 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

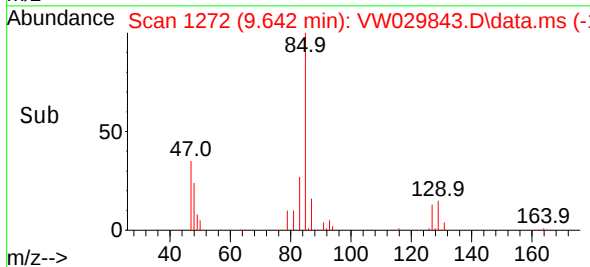
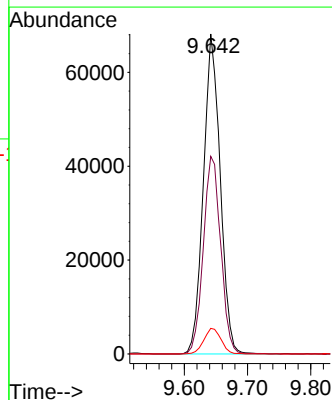
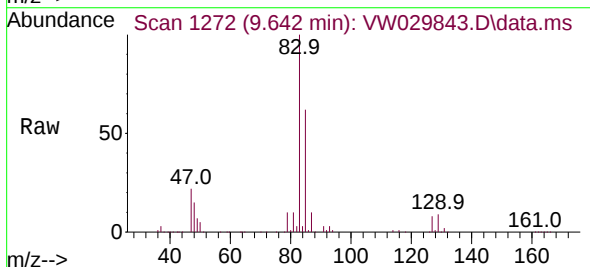
Tgt Ion: 83 Resp: 126283

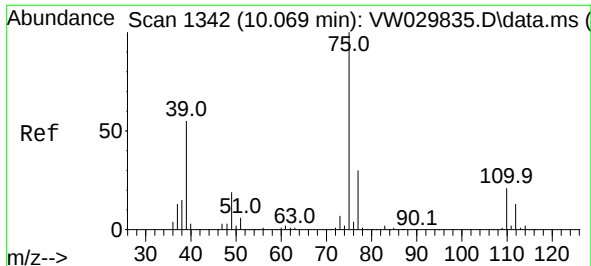
Ion Ratio Lower Upper

83 100

85 61.8 46.6 86.6

127 8.0 5.9 8.9

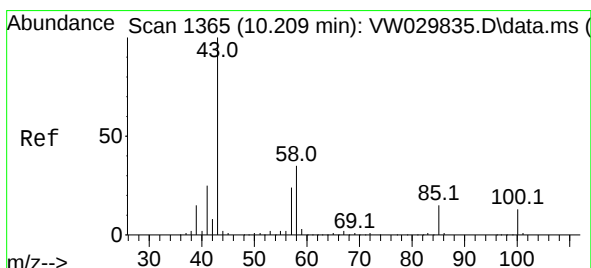
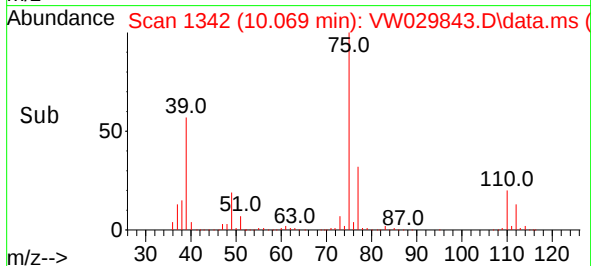
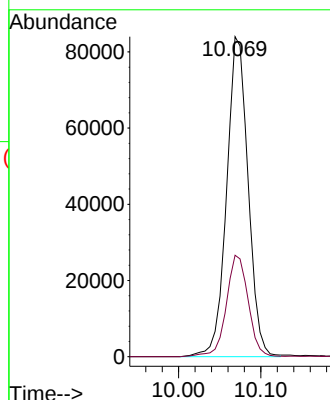
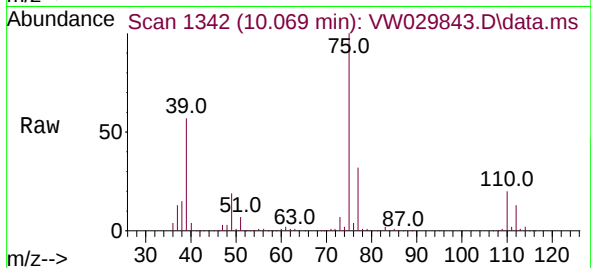




#39
cis-1,3-Dichloropropene
Concen: 26.868 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

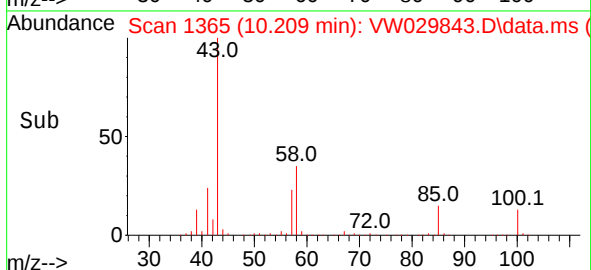
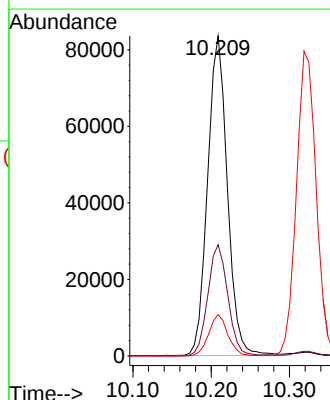
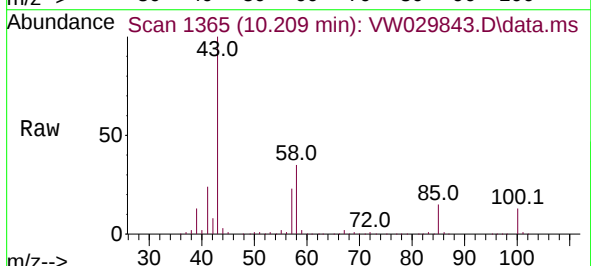
Instrument :
MSVOA_W
ClientSampleId :

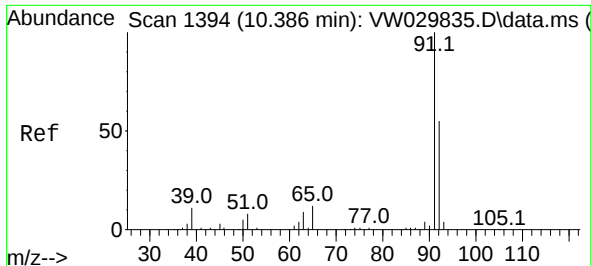
Tgt Ion: 75 Resp: 152295
Ion Ratio Lower Upper
75 100
77 31.7 20.8 38.6



#40
4-Methyl-2-pentanone
Concen: 59.133 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion: 43 Resp: 146187
Ion Ratio Lower Upper
43 100
58 35.3 28.7 43.1
100 12.7 10.0 15.0





#42

Toluene

Concen: 26.816 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

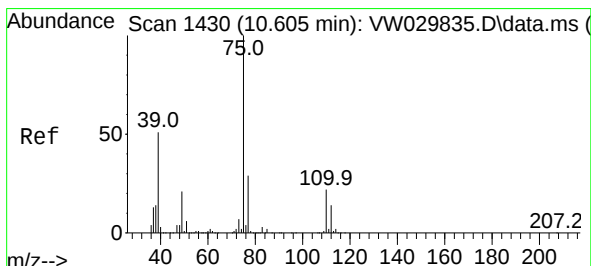
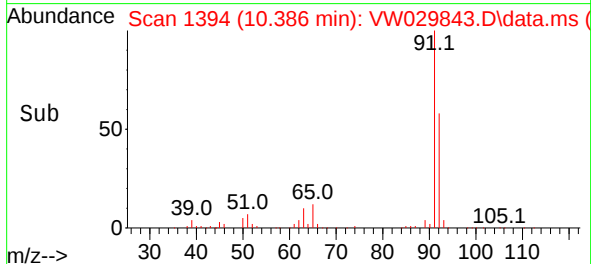
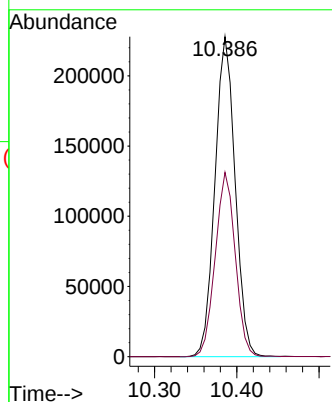
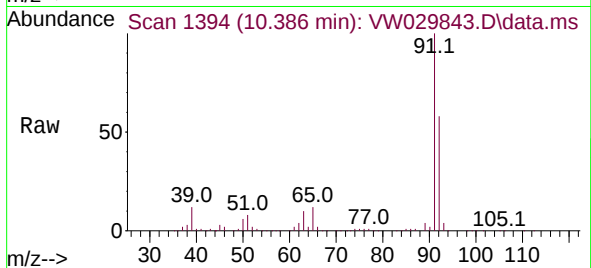
ClientSampleId :

Tgt Ion: 91 Resp: 388762

Ion Ratio Lower Upper

91 100

92 57.6 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 27.898 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029843.D

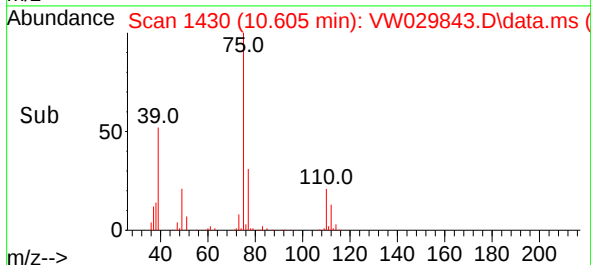
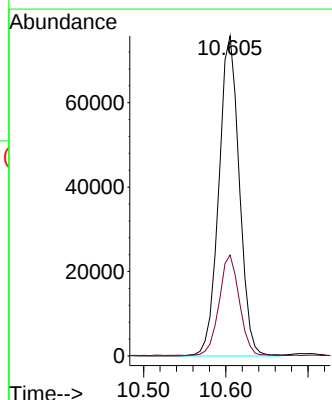
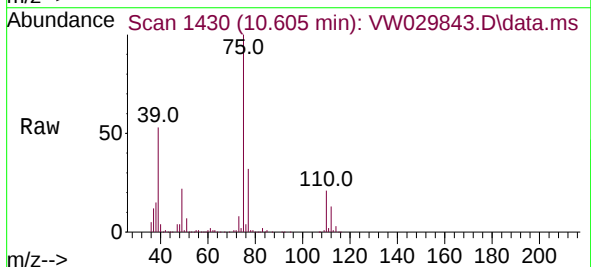
Acq: 06 Aug 2024 16:00

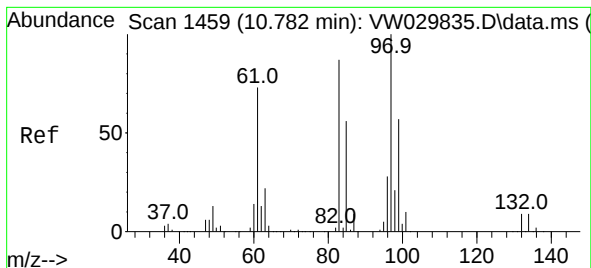
Tgt Ion: 75 Resp: 131271

Ion Ratio Lower Upper

75 100

77 31.6 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 27.781 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

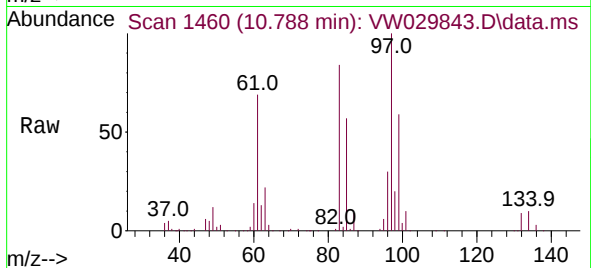
Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 72640

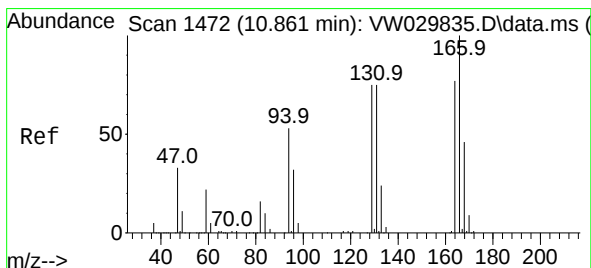
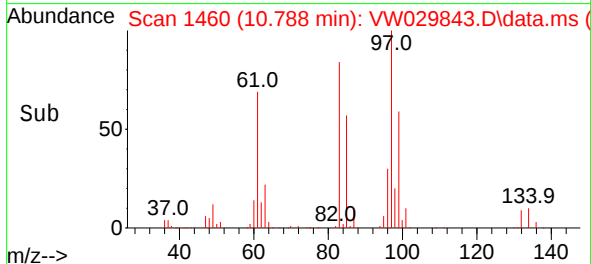
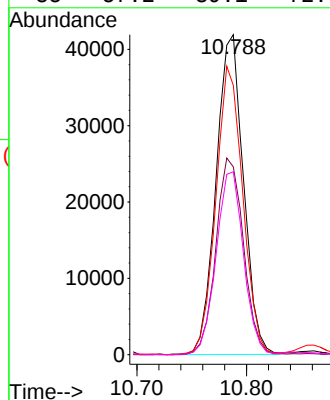
Ion Ratio Lower Upper

97 100

99 58.7 40.1 74.5

83 84.1 58.5 108.7

85 57.2 39.1 72.7



#46

Tetrachloroethene

Concen: 24.480 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Tgt Ion:164 Resp: 66246

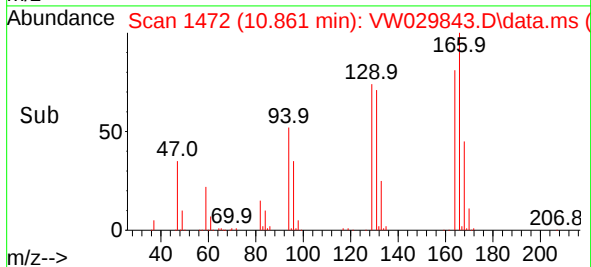
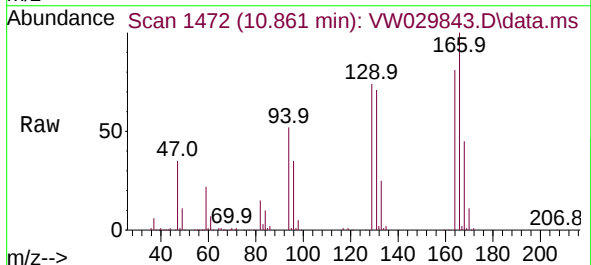
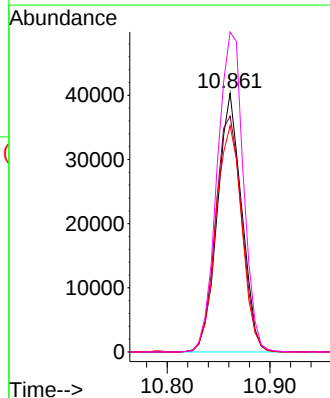
Ion Ratio Lower Upper

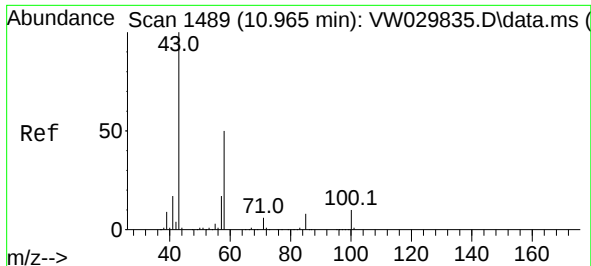
164 100

129 91.2 77.8 144.6

131 87.5 70.9 131.7

166 123.7 91.5 169.9





#48

2-Hexanone

Concen: 60.561 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

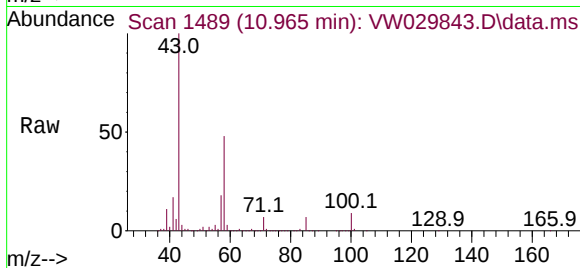
Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 112133

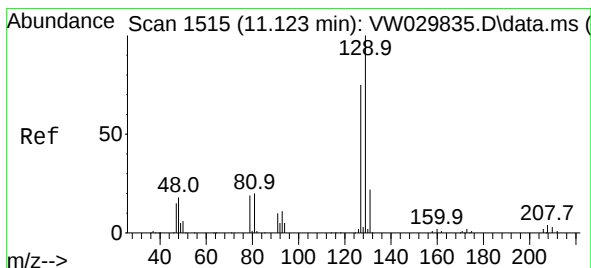
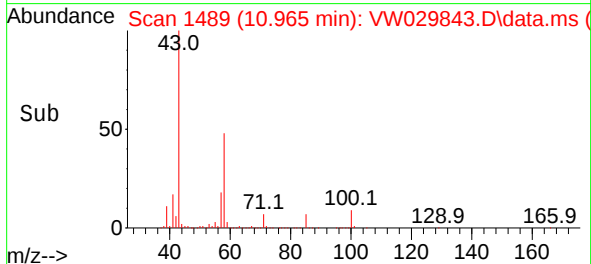
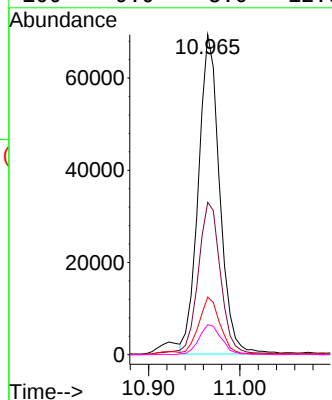
Ion Ratio Lower Upper

43 100

58 51.0 41.0 61.4

57 17.8 14.1 21.1

100 9.9 8.0 12.0



#49

Dibromochloromethane

Concen: 28.438 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029843.D

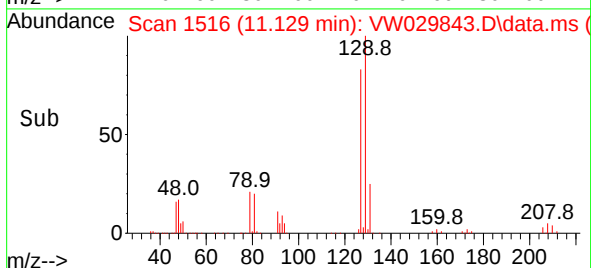
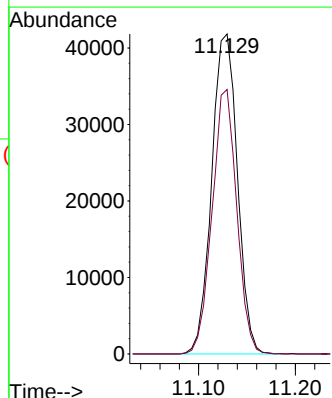
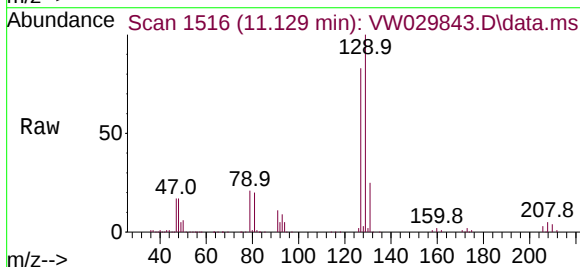
Acq: 06 Aug 2024 16:00

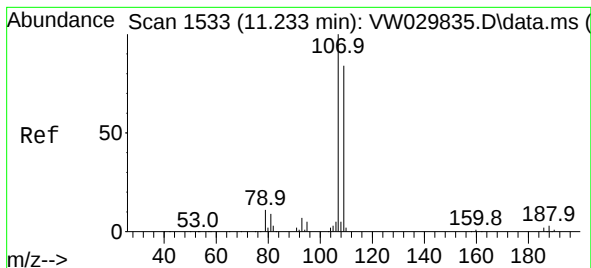
Tgt Ion:129 Resp: 77191

Ion Ratio Lower Upper

129 100

127 82.7 52.4 97.2





#50

1,2-Dibromoethane

Concen: 28.419 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029843.D

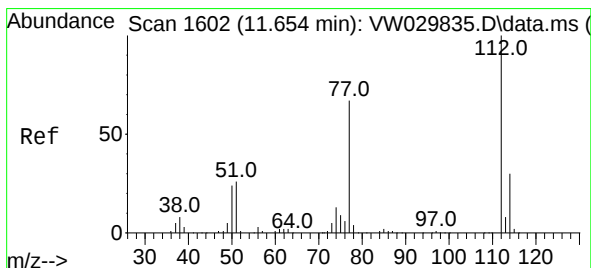
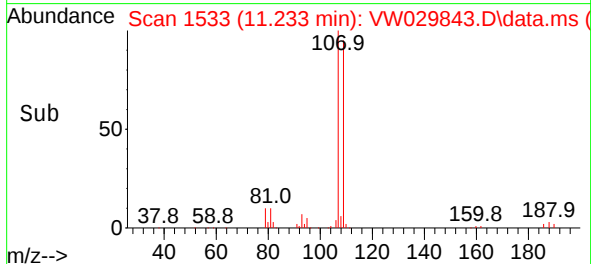
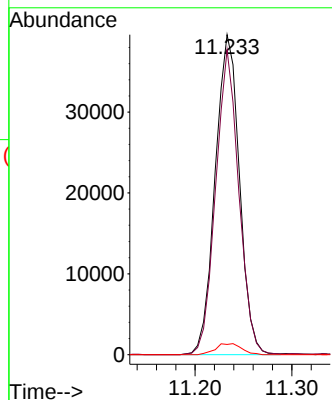
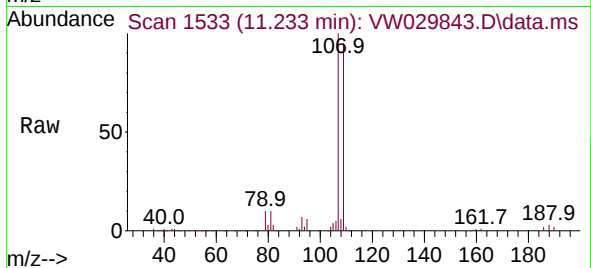
Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	68754
Ion	Ratio	Lower	Upper
107	100		
109	95.3	64.8	120.3
188	3.2	2.7	4.1



#51

Chlorobenzene

Concen: 26.592 ug/L

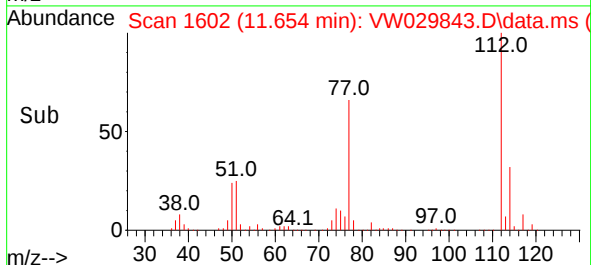
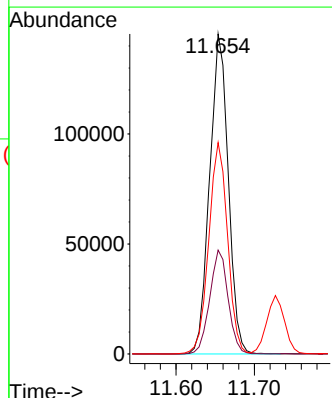
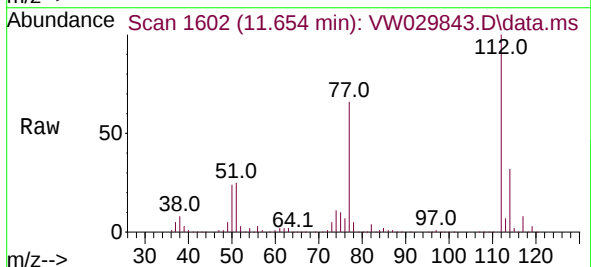
RT: 11.654 min Scan# 1602

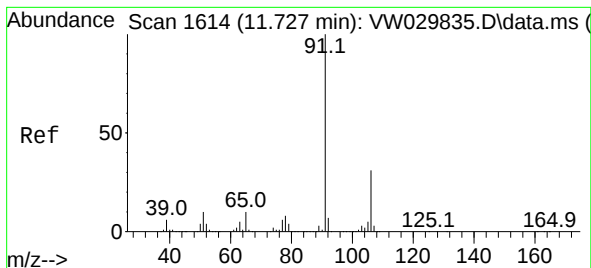
Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Tgt Ion:	112	Resp:	239792
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.0	40.8
77	66.1	53.8	80.8

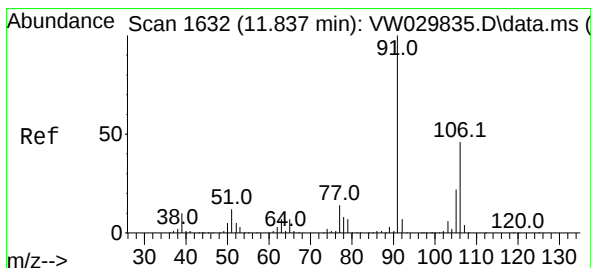
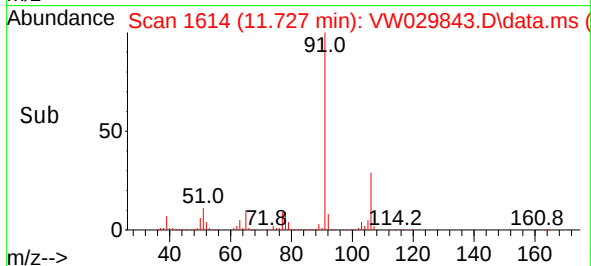
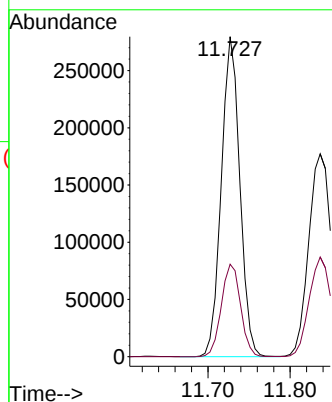
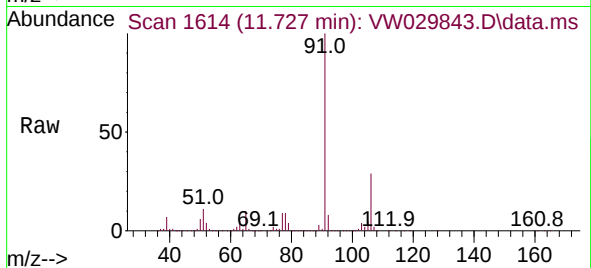




#52
Ethylbenzene
Concen: 26.805 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

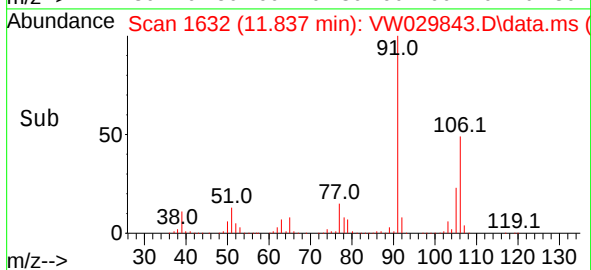
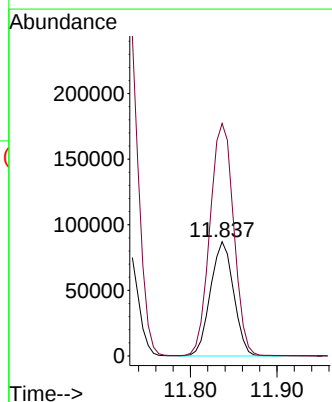
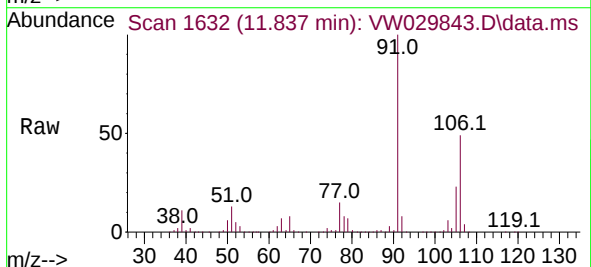
Instrument :
MSVOA_W
ClientSampleId :

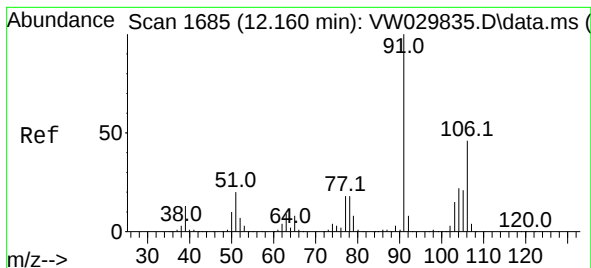
Tgt Ion: 91 Resp: 438341
Ion Ratio Lower Upper
91 100
106 28.9 20.4 38.0



#53
m,p-Xylene
Concen: 26.937 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion:106 Resp: 162006
Ion Ratio Lower Upper
106 100
91 203.5 151.4 281.2

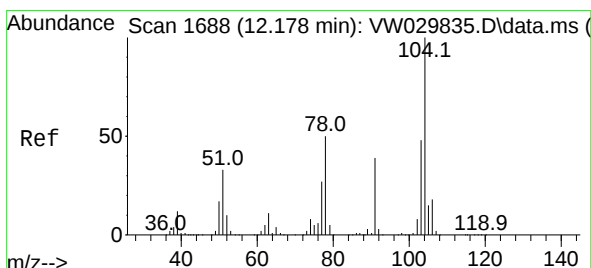
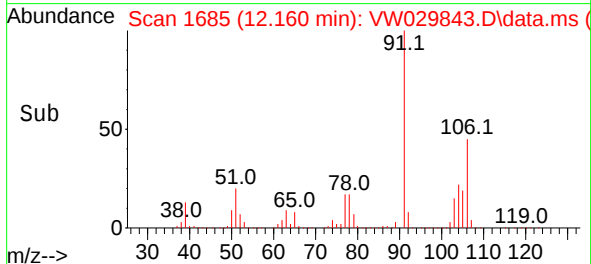
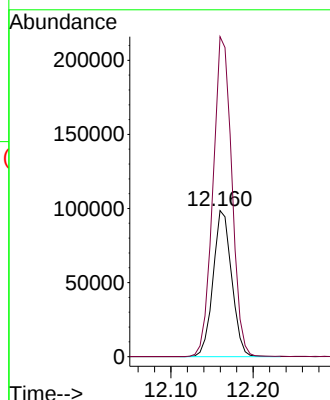
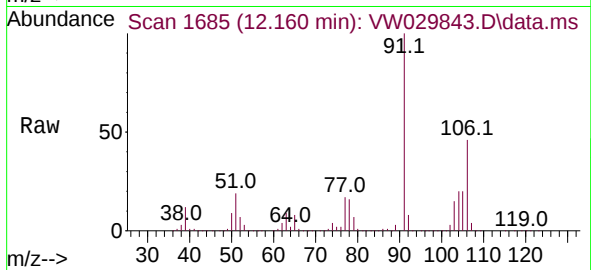




#54
o-Xylene
Concen: 27.938 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

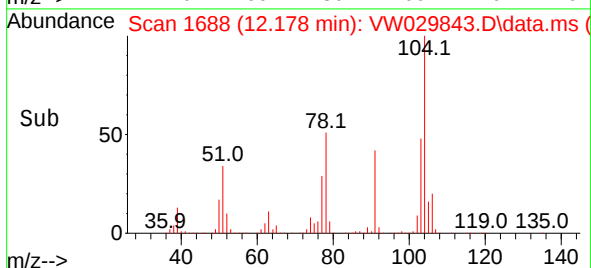
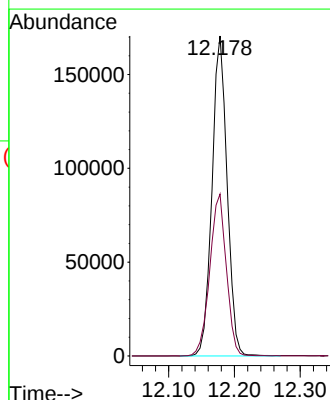
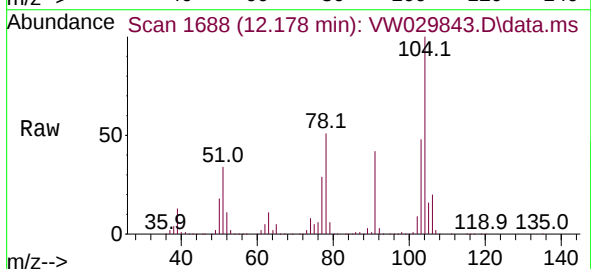
Instrument :
MSVOA_W
ClientSampleId :

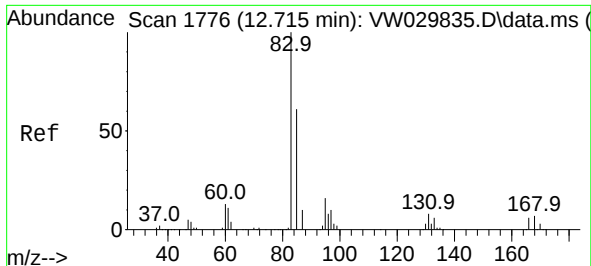
Tgt Ion:106 Resp: 154728
Ion Ratio Lower Upper
106 100
91 219.0 155.8 289.4



#55
Styrene
Concen: 28.419 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion:104 Resp: 272826
Ion Ratio Lower Upper
104 100
78 50.6 33.3 61.9

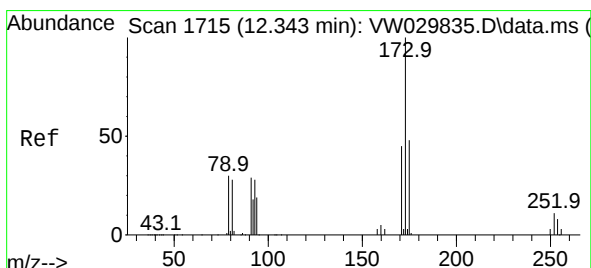
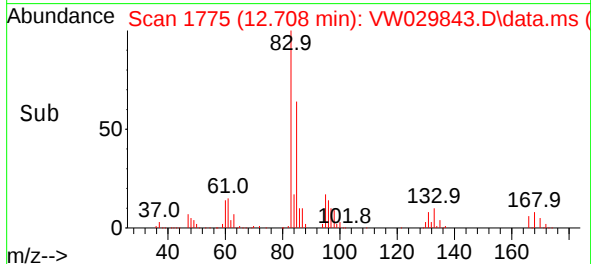
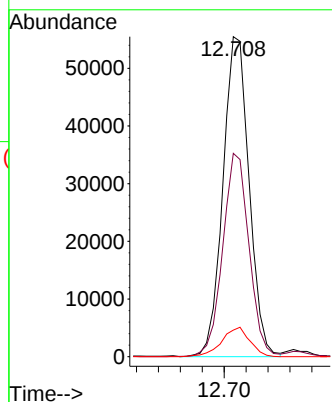
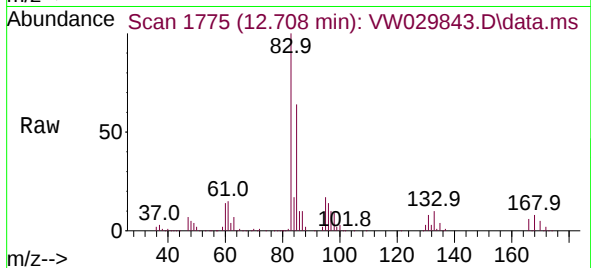




#57
1,1,2,2-Tetrachloroethane
Concen: 28.679 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

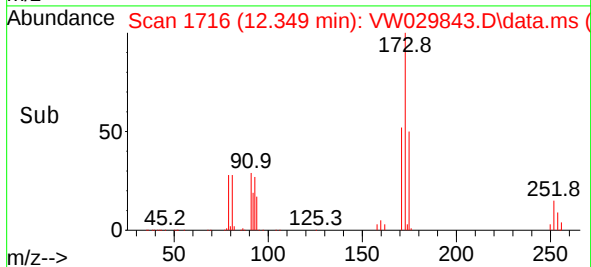
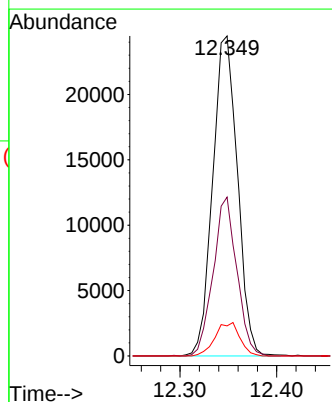
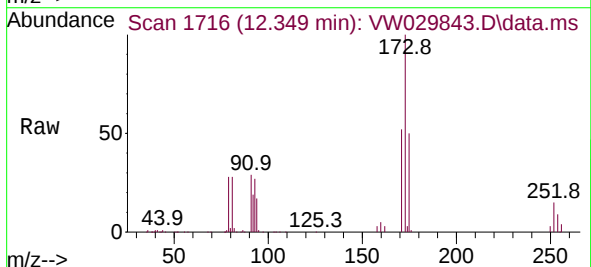
Instrument :
MSVOA_W
ClientSampleId :

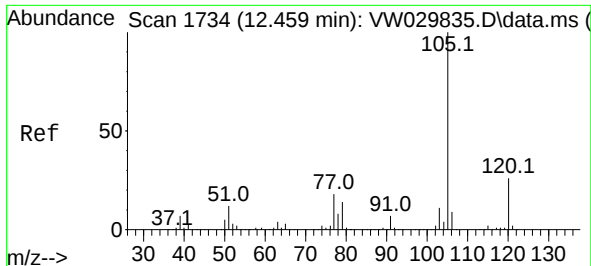
Tgt Ion: 83 Resp: 92037
Ion Ratio Lower Upper
83 100
85 63.6 44.2 82.0
131 8.3 6.2 9.2



#59
Bromoform
Concen: 27.374 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

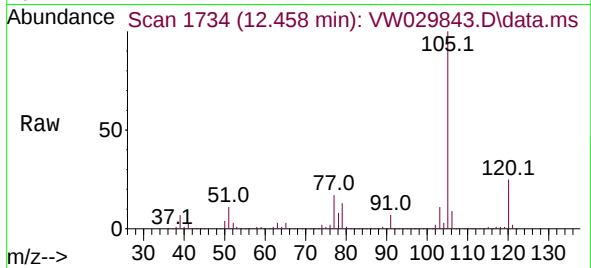
Tgt Ion:173 Resp: 43505
Ion Ratio Lower Upper
173 100
175 47.3 38.1 57.1
254 10.5 7.8 11.6



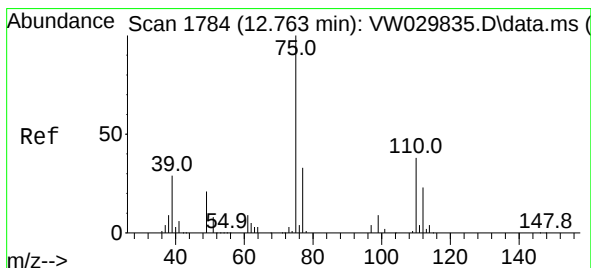
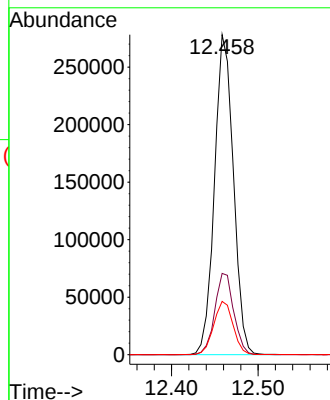
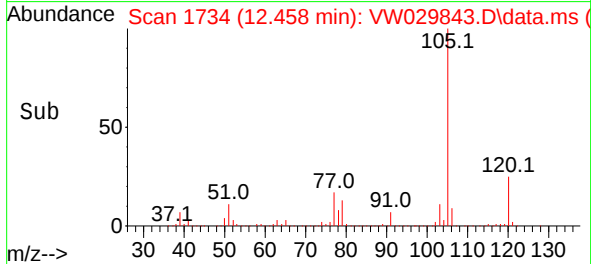


#60
Isopropylbenzene
Concen: 25.797 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Instrument :
MSVOA_W
ClientSampleId :

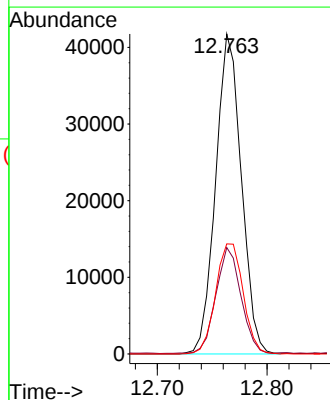
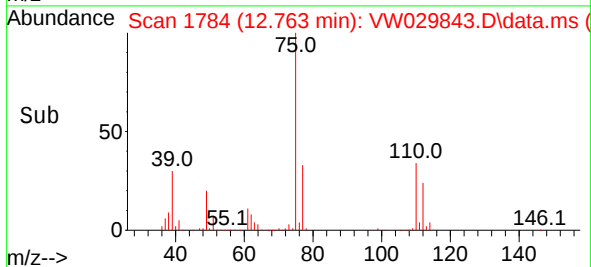
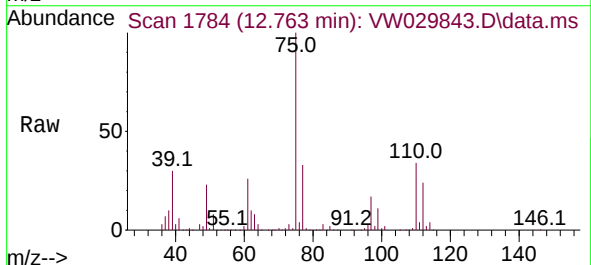


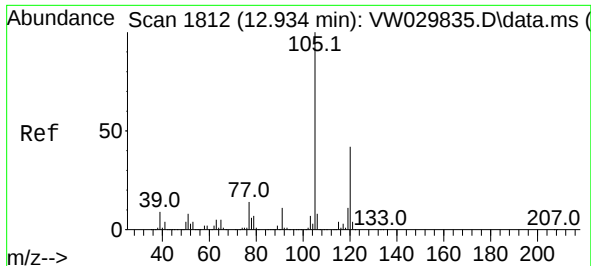
Tgt Ion:105 Resp: 421616
Ion Ratio Lower Upper
105 100
120 25.5 20.3 30.5
77 17.0 14.0 21.0



#61
1,2,3-Trichloropropane
Concen: 26.495 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

Tgt Ion: 75 Resp: 68061
Ion Ratio Lower Upper
75 100
77 32.3 25.4 38.0
110 36.7 28.6 43.0





#62

1,3,5-Trimethylbenzene

Concen: 27.857 ug/L

RT: 12.940 min Scan# 1812

Delta R.T. 0.006 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

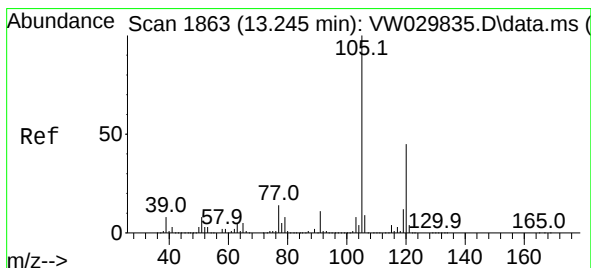
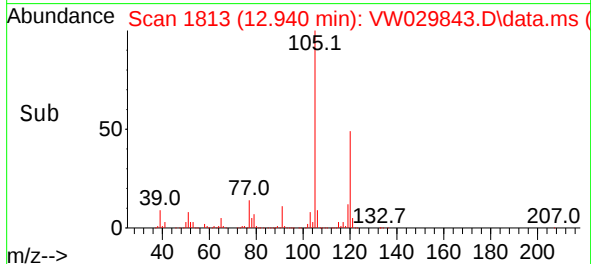
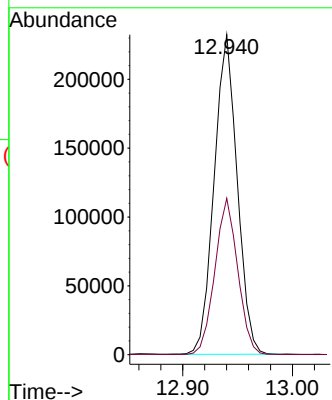
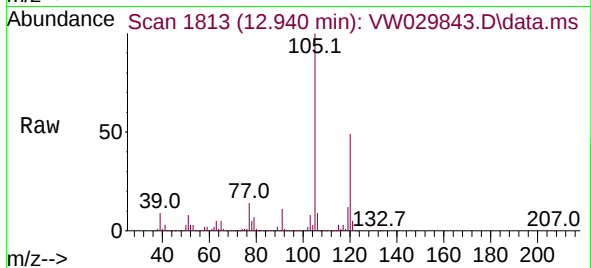
ClientSampleId :

Tgt Ion:105 Resp: 338413

Ion Ratio Lower Upper

105 100

120 48.6 38.2 57.2



#63

1,2,4-Trimethylbenzene

Concen: 26.561 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029843.D

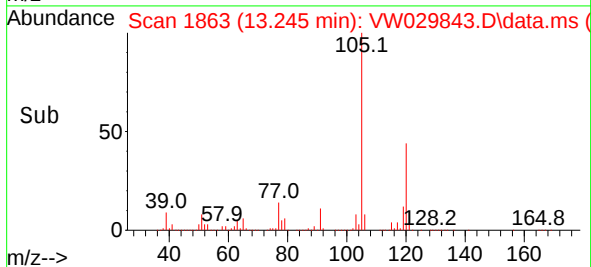
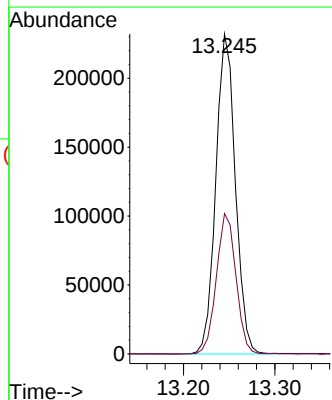
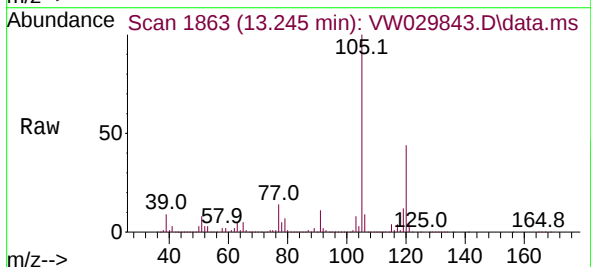
Acq: 06 Aug 2024 16:00

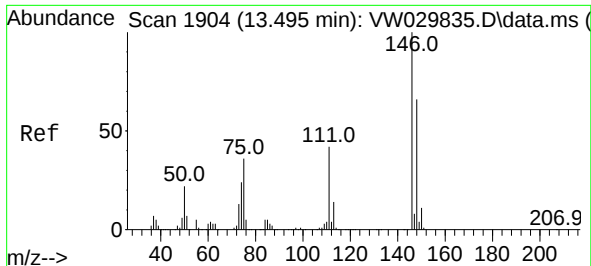
Tgt Ion:105 Resp: 345087

Ion Ratio Lower Upper

105 100

120 43.9 35.4 53.0

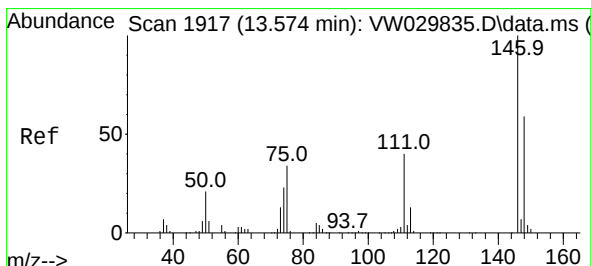
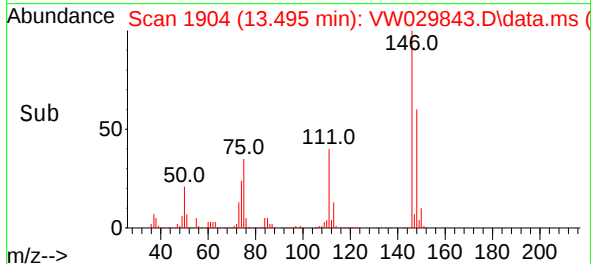
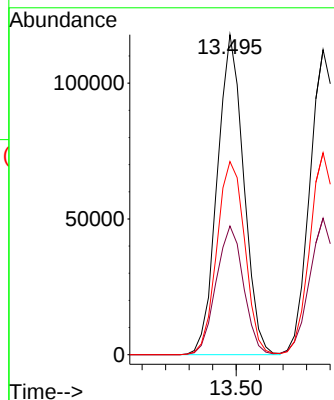
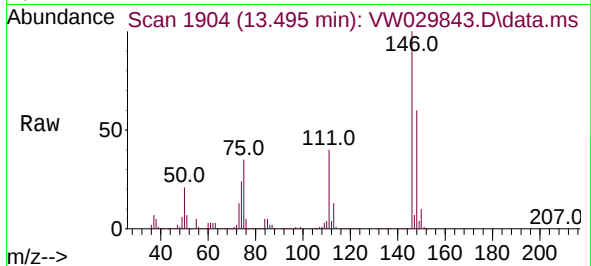




#64
1,3-Dichlorobenzene
Concen: 26.476 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

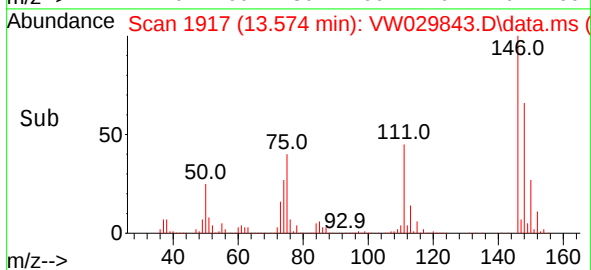
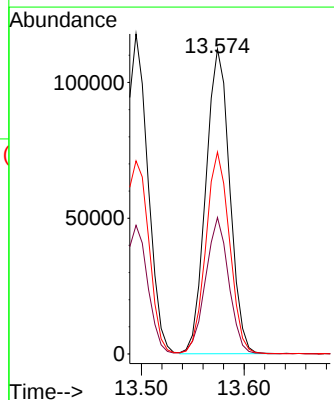
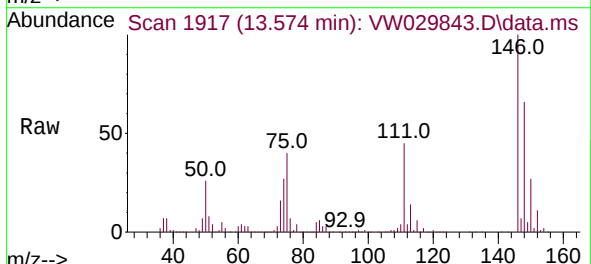
Instrument :
MSVOA_W
ClientSampleId :

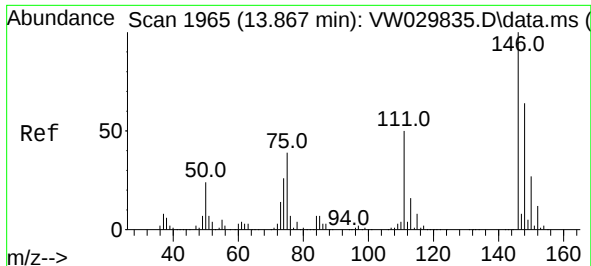
Tgt Ion:146 Resp: 184618
Ion Ratio Lower Upper
146 100
111 40.2 28.7 53.3
148 60.3 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 25.315 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

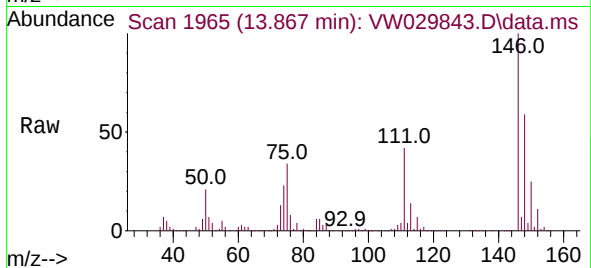
Tgt Ion:146 Resp: 181325
Ion Ratio Lower Upper
146 100
111 44.8 30.1 55.9
148 66.2 45.4 84.4



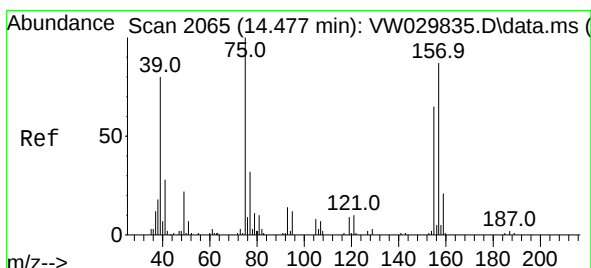
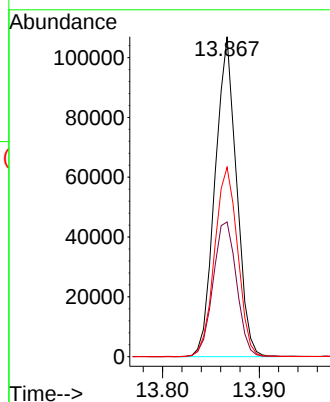
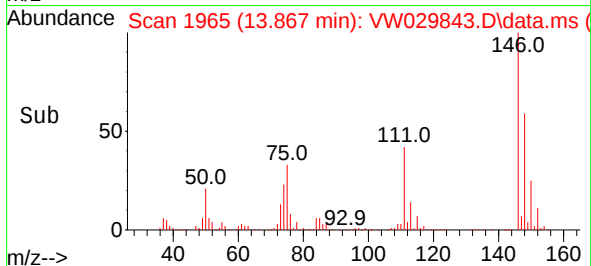


#67
1,2-Dichlorobenzene
Concen: 26.026 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00

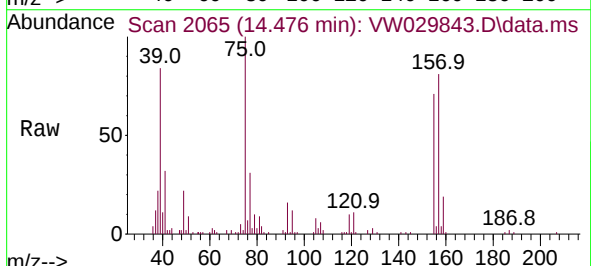
Instrument :
MSVOA_W
ClientSampleId :



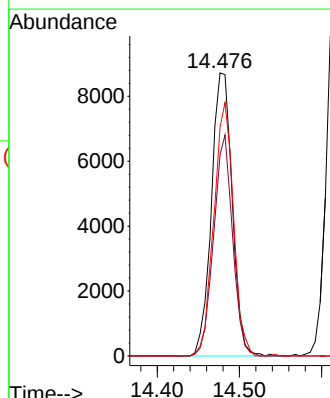
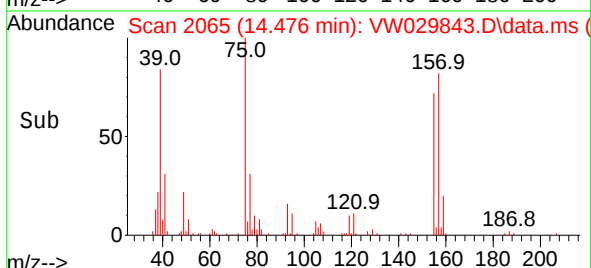
Tgt Ion:146 Resp: 165224
Ion Ratio Lower Upper
146 100
111 42.1 35.8 53.8
148 59.2 52.6 78.8

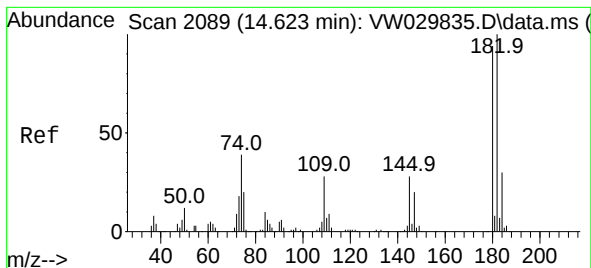


#68
1,2-Dibromo-3-chloropropane
Concen: 26.160 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029843.D
Acq: 06 Aug 2024 16:00



Tgt Ion: 75 Resp: 15258
Ion Ratio Lower Upper
75 100
155 71.1 47.8 71.6
157 80.7 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 25.474 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

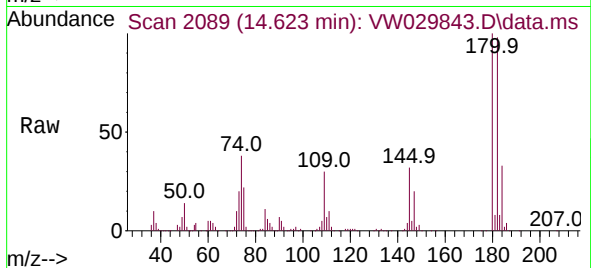
Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 121536

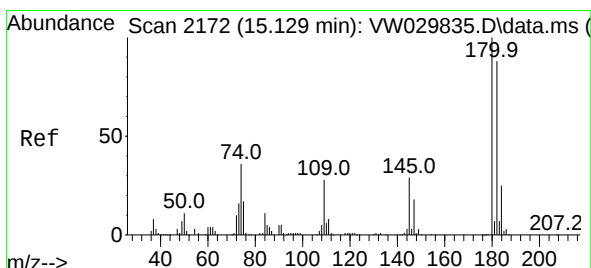
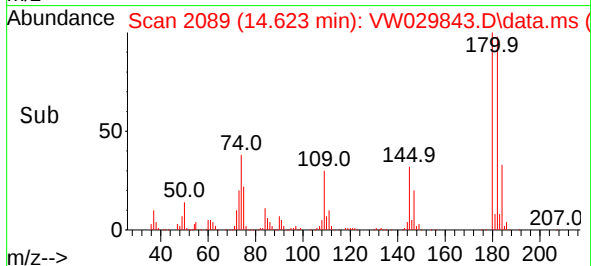
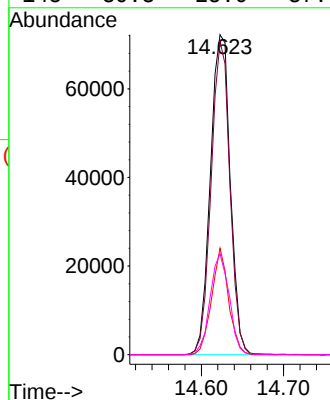
Ion Ratio Lower Upper

180 100

182 92.3 72.7 109.1

184 28.5 23.3 34.9

145 30.3 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 24.793 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

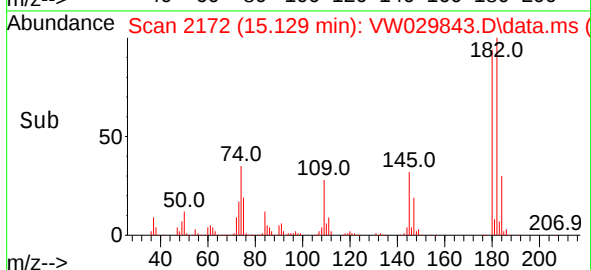
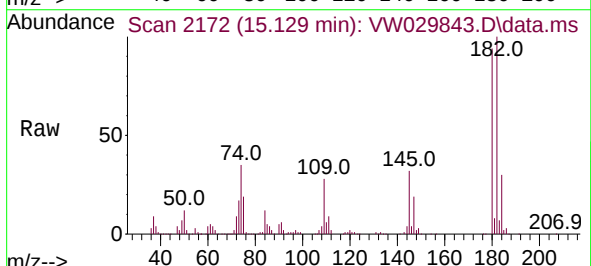
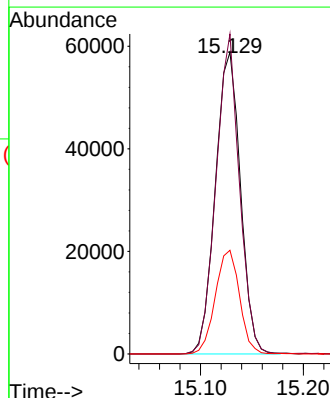
Tgt Ion:180 Resp: 99652

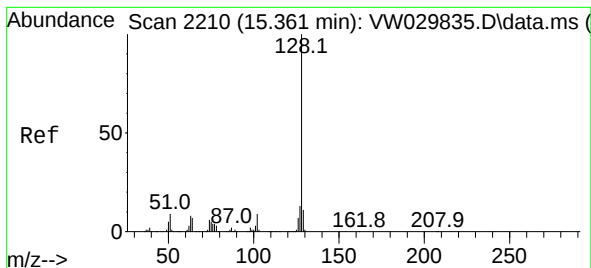
Ion Ratio Lower Upper

180 100

182 98.8 80.2 120.4

145 33.2 26.3 39.5





#71

Naphthalene

Concen: 28.335 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Instrument :

MSVOA_W

ClientSampleId :

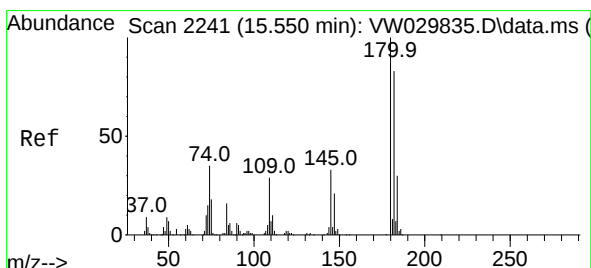
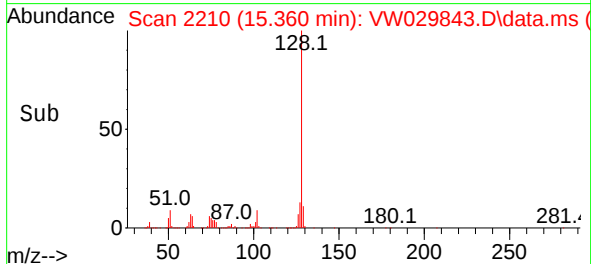
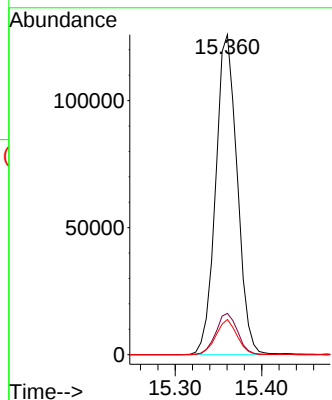
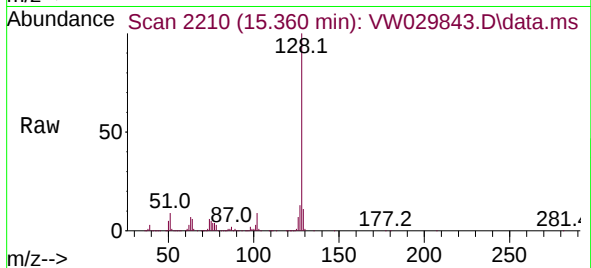
Tgt Ion:128 Resp: 217306

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 24.340 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW029843.D

Acq: 06 Aug 2024 16:00

Tgt Ion:180 Resp: 88547

Ion Ratio Lower Upper

180 100

182 103.3 74.0 111.0

145 35.0 27.5 41.3

