

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070224\
 Data File : VW029458.D
 Acq On : 02 Jul 2024 20:42
 Operator : SY/MD
 Sample : P3139-02MS
 Misc : 4.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 03 05:48:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 03 05:41:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	354987	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	238224	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	58601	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	88957	18.105	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
7) Chloroethane-d5	2.899	69	79391	19.134	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.520%
11) 1,1-Dichloroethene-d2	4.021	65	44178	18.622	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	74.480%
21) 2-Butanone-d5	7.075	46	64384	43.798	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.600%
24) Chloroform-d	7.648	84	219355	20.715	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.840%
26) 1,2-Dichloroethane-d4	8.307	65	124211	20.430	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.720%
32) Benzene-d6	8.270	84	399178	27.587	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.360%
36) 1,2-Dichloropropane-d6	9.270	67	134068	29.148	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.600%
41) Toluene-d8	10.325	98	312789	24.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.720%
43) trans-1,3-Dichloroprop...	10.575	79	36202	19.531	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.120%
47) 2-Hexanone-d5	10.922	63	29020	40.247	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.500%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	84489	23.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	41877	20.588	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	33082	9.552	ug/L	99
3) Chloromethane	2.223	50	52953	10.723	ug/L	97
5) Vinyl chloride	2.375	62	64514	11.376	ug/L	94
6) Bromomethane	2.783	94	32657	9.581	ug/L	89
8) Chloroethane	2.936	64	43618	12.575	ug/L	96
9) Trichlorofluoromethane	3.265	101	64658	14.706	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	58616	12.092	ug/L #	87
12) 1,1-Dichloroethene	4.045	96	54968	13.364	ug/L	94
13) Acetone	4.119	43	28145	22.529	ug/L	98
14) Carbon disulfide	4.393	76	126342	9.409	ug/L	98
15) Methyl Acetate	4.667	43	23151	9.335	ug/L	99
16) Methylene chloride	4.923	84	75553	12.104	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	55335	12.114	ug/L	96
18) Methyl tert-butyl Ether	5.423	73	119029	16.287	ug/L	99
19) 1,1-Dichloroethane	6.216	63	142674	14.462	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	67598	13.420	ug/L	99
22) 2-Butanone	7.173	43	41283	24.107	ug/L	79
23) Bromochloromethane	7.508	128	30412	13.562	ug/L	95
25) Chloroform	7.679	83	135847	14.101	ug/L	98

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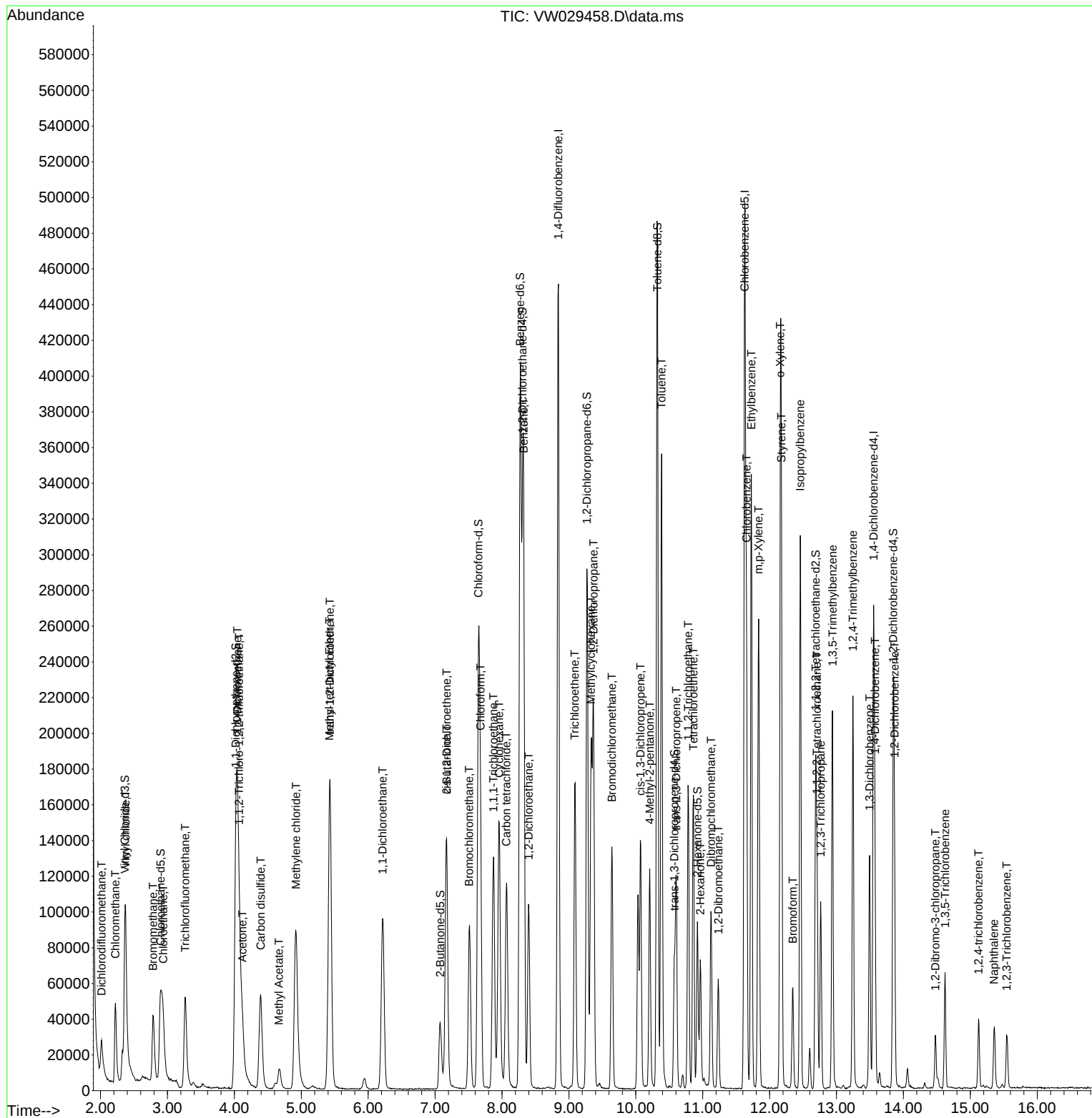
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	95589	13.454	ug/L	99
29) Cyclohexane	7.959	56	84530	15.521	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	103687	19.573	ug/L	96
31) Carbon tetrachloride	8.063	117	85699	17.710	ug/L	98
33) Benzene	8.325	78	268561	18.762	ug/L	100
34) Trichloroethene	9.087	95	60307	15.792	ug/L	96
35) Methylcyclohexane	9.331	83	69438	11.562	ug/L	99
37) 1,2-Dichloropropane	9.368	63	78810	19.594	ug/L	99
38) Bromodichloromethane	9.642	83	89250	18.149	ug/L	99
39) cis-1,3-Dichloropropene	10.069	75	80242	14.113	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	83855	33.637	ug/L	98
42) Toluene	10.386	91	242616	16.488	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	64015	13.334	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	49730	17.753	ug/L	93
46) Tetrachloroethene	10.861	164	36730	13.759	ug/L	94
48) 2-Hexanone	10.965	43	46985	26.561	ug/L	97
49) Dibromochloromethane	11.123	129	51677	17.648	ug/L	96
50) 1,2-Dibromoethane	11.233	107	40521	16.115	ug/L	99
51) Chlorobenzene	11.654	112	121868	12.754	ug/L	97
52) Ethylbenzene	11.727	91	226061	13.534	ug/L	96
53) m,p-Xylene	11.837	106	78203	12.818	ug/L	94
54) o-Xylene	12.160	106	75269	13.200	ug/L	93
55) Styrene	12.178	104	111285	11.193	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	53908	15.558	ug/L	99
59) Bromoform	12.349	173	24659	30.702	ug/L	98
60) Isopropylbenzene	12.458	105	184645	23.647	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	42447	33.209	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	108750	19.231	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	112527	18.494	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	48021	14.211	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	47130	13.109	ug/L	94
67) 1,2-Dichlorobenzene	13.867	146	44618	14.283	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	7450	24.976	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	17795	7.803	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	10826	5.856	ug/L	98
71) Naphthalene	15.354	128	29026	7.955	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	9189	5.455	ug/L	99

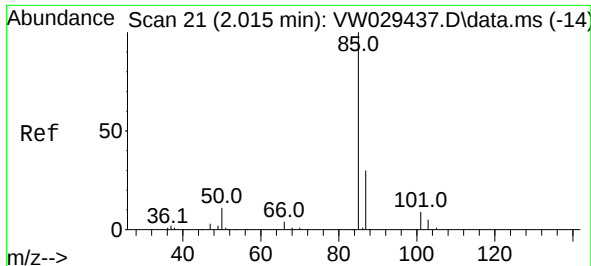
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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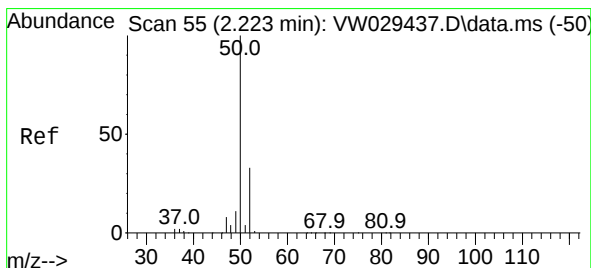
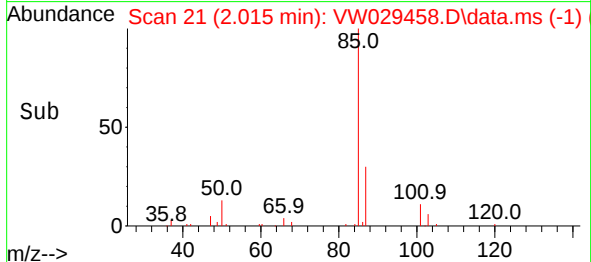
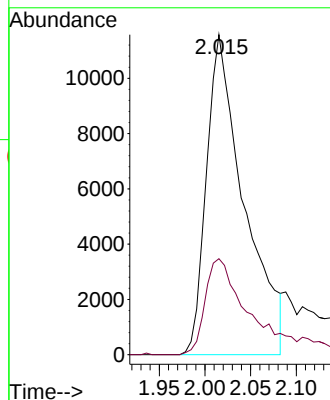
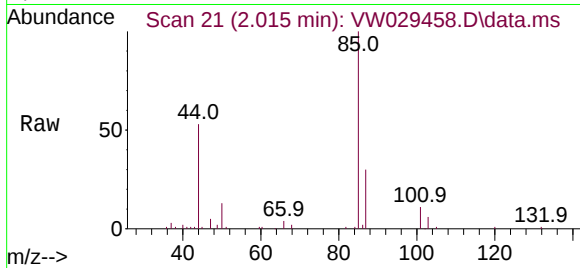




#2
Dichlorodifluoromethane
Concen: 9.552 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

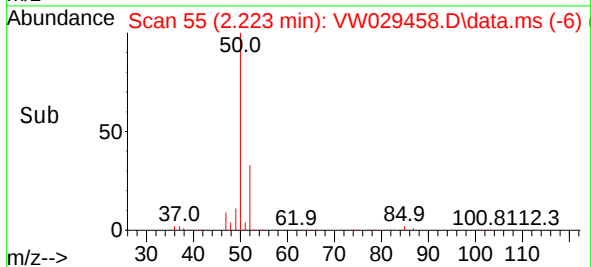
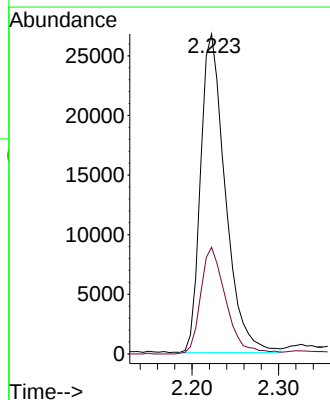
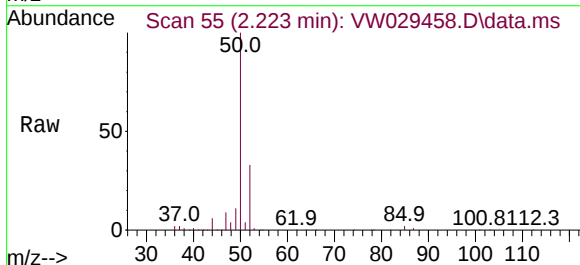
Instrument :
MSVOA_W
ClientSampleId :

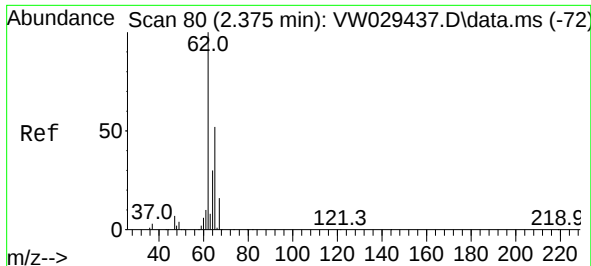
Tgt Ion: 85 Resp: 33082
Ion Ratio Lower Upper
85 100
87 29.1 23.8 35.6



#3
Chloromethane
Concen: 10.723 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion: 50 Resp: 52953
Ion Ratio Lower Upper
50 100
52 33.3 22.3 41.5

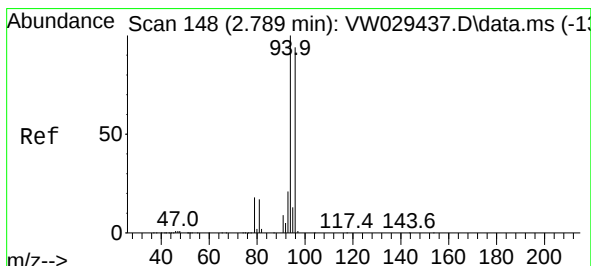
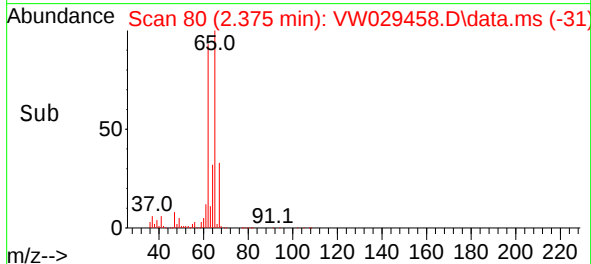
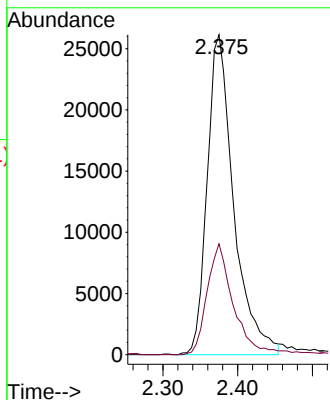
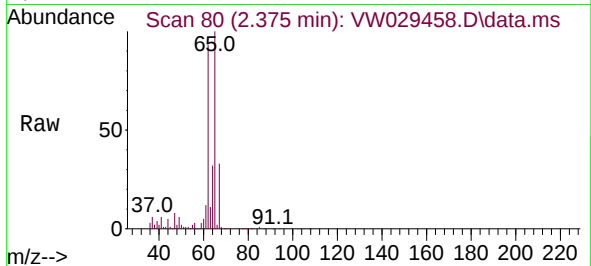




#5
 Vinyl chloride
 Concen: 11.376 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029458.D
 Acq: 02 Jul 2024 20:42

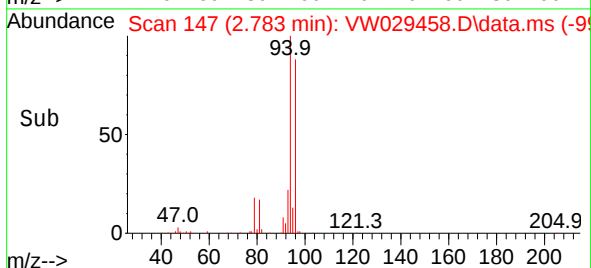
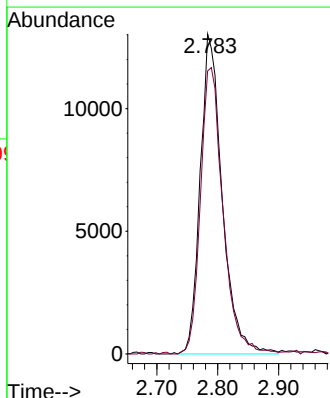
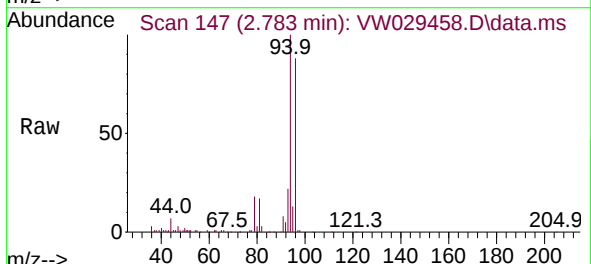
Instrument :
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 ClientSampleId :

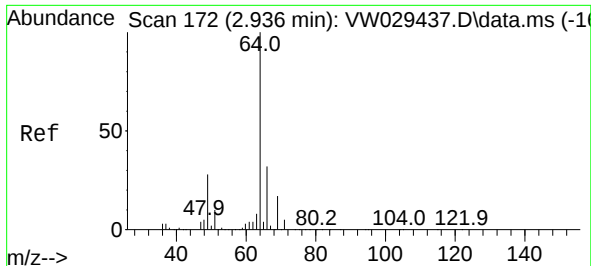
Tgt Ion: 62 Resp: 64514
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.0 40.8



#6
 Bromomethane
 Concen: 9.581 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029458.D
 Acq: 02 Jul 2024 20:42

Tgt Ion: 94 Resp: 32657
 Ion Ratio Lower Upper
 94 100
 96 88.5 69.5 129.1

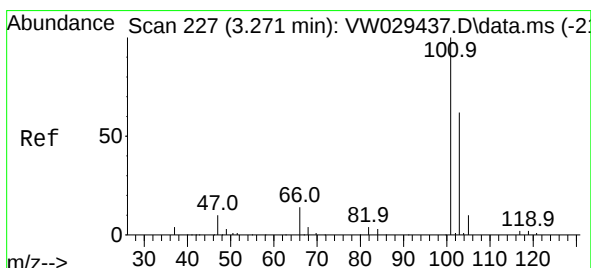
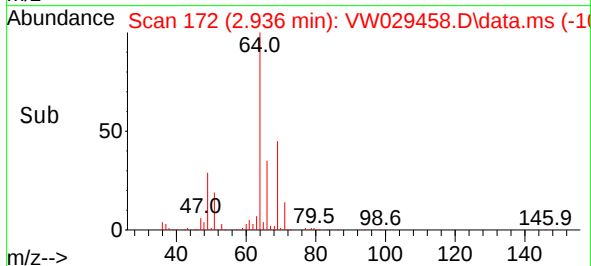
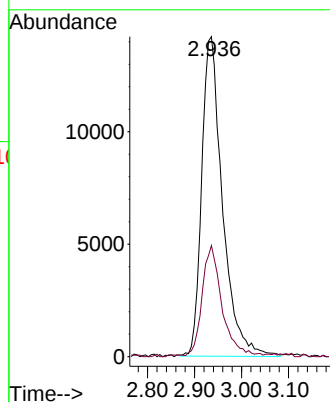
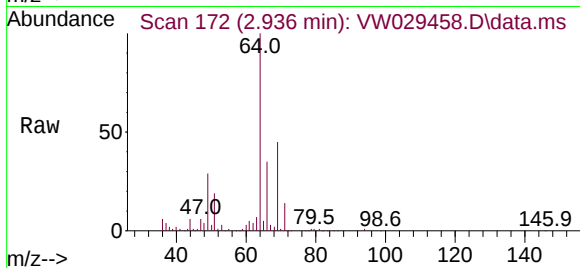




#8
Chloroethane
Concen: 12.575 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

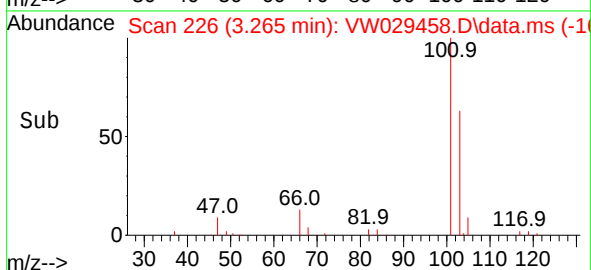
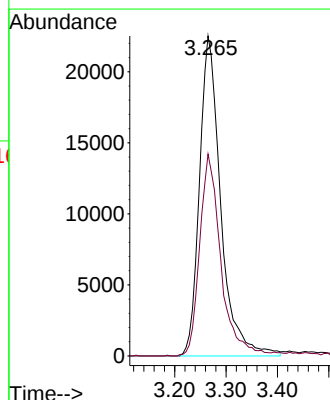
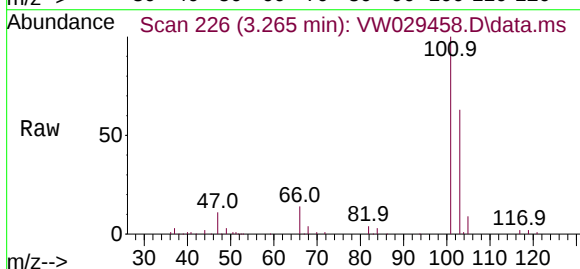
Instrument :
MSVOA_W
ClientSampleId :

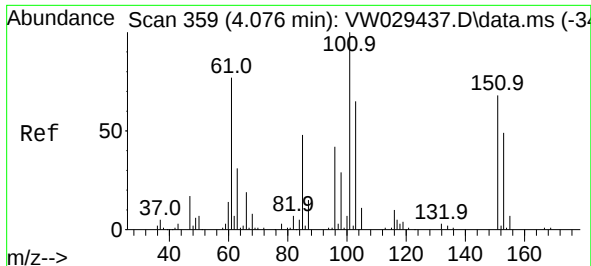
Tgt Ion: 64 Resp: 43618
Ion Ratio Lower Upper
64 100
66 34.7 22.5 41.9



#9
Trichlorofluoromethane
Concen: 14.706 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion:101 Resp: 64658
Ion Ratio Lower Upper
101 100
103 62.0 50.8 76.2





#10

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

Concen: 12.092 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

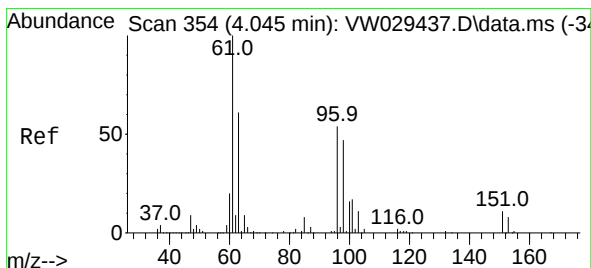
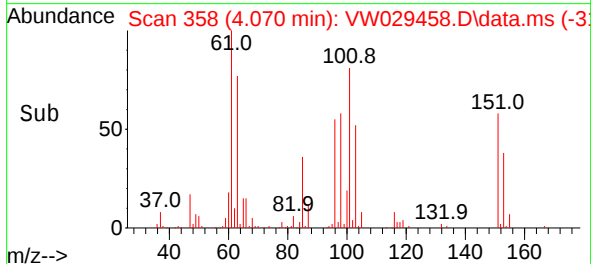
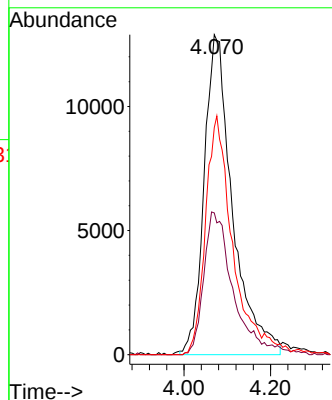
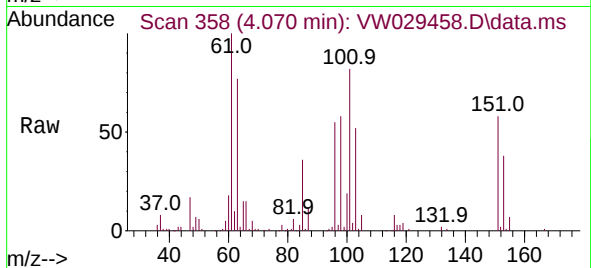
Tgt Ion:101 Resp: 58616

Ion Ratio Lower Upper

101 100

85 21.4 30.2 45.2#

151 68.7 52.2 78.4



#12

1,1-Dichloroethene

Concen: 13.364 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

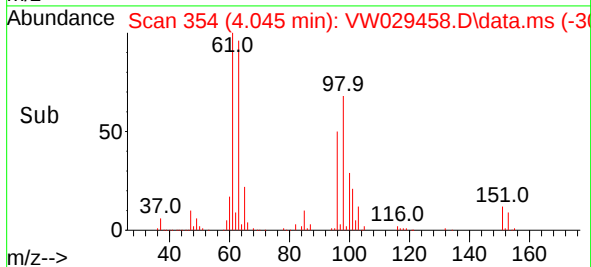
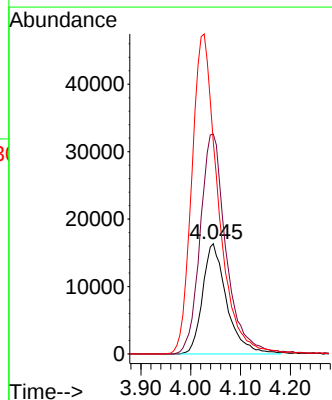
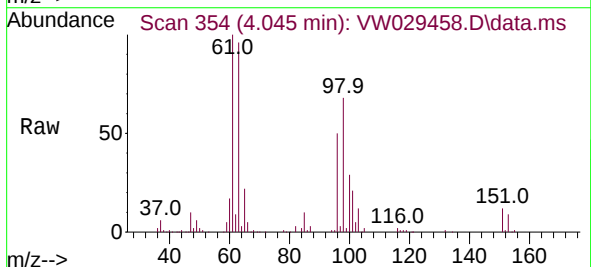
Tgt Ion: 96 Resp: 54968

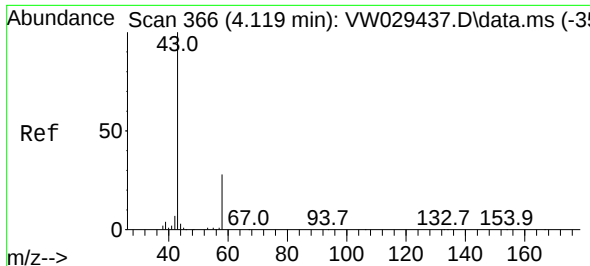
Ion Ratio Lower Upper

96 100

61 199.5 140.1 260.3

63 191.9 122.0 226.6

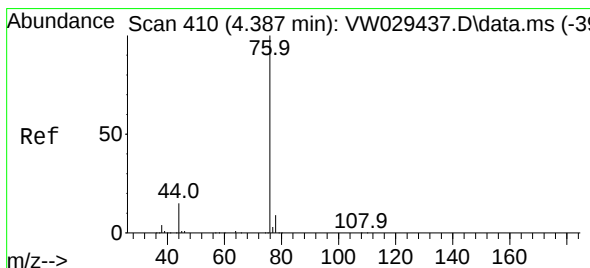
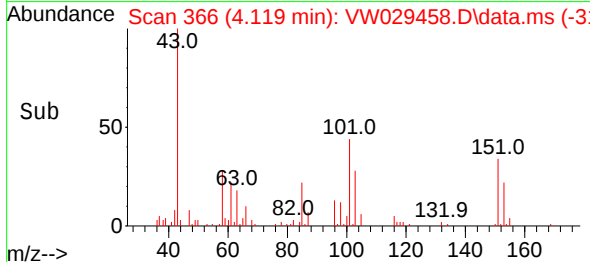
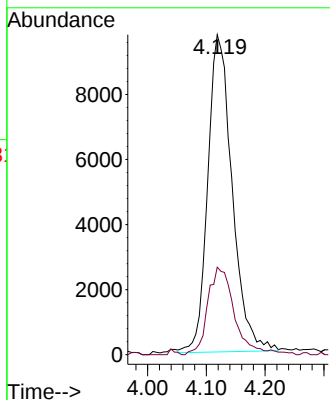
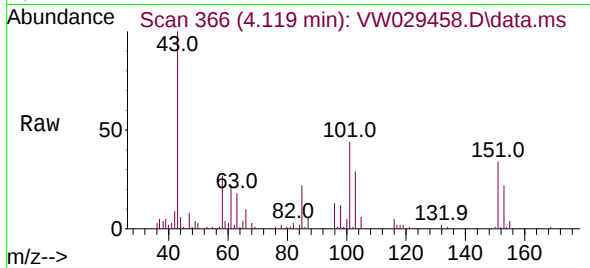




#13
Acetone
Concen: 22.529 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
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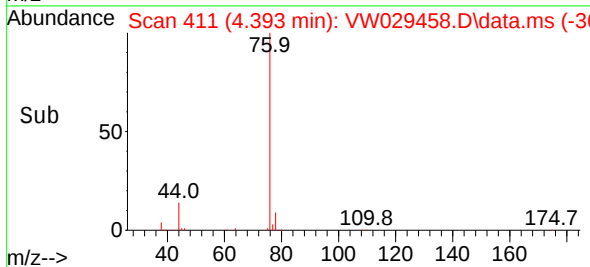
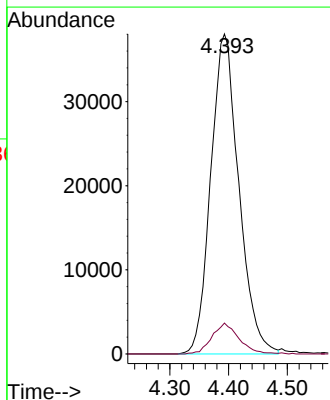
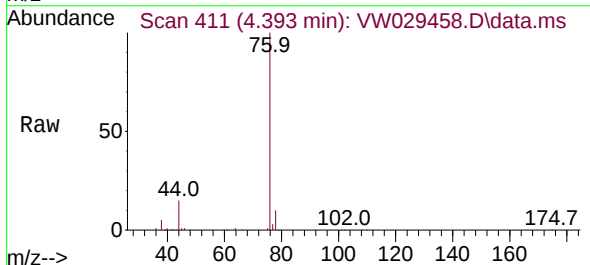
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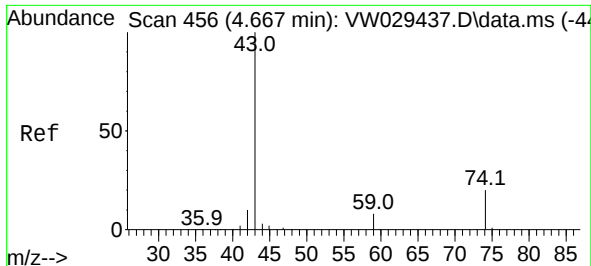
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Ion Ratio Lower Upper
43 100
58 29.5 0.0 61.4



#14
Carbon disulfide
Concen: 9.409 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

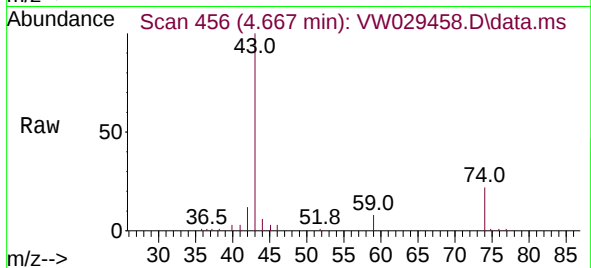
Tgt Ion: 76 Resp: 126342
Ion Ratio Lower Upper
76 100
78 9.7 7.2 10.8



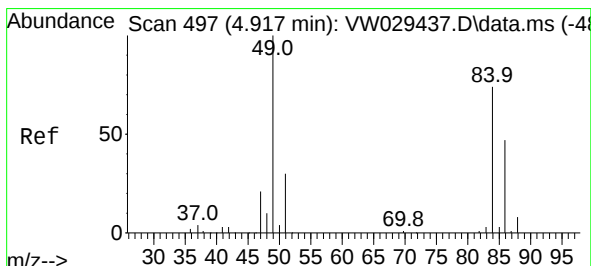
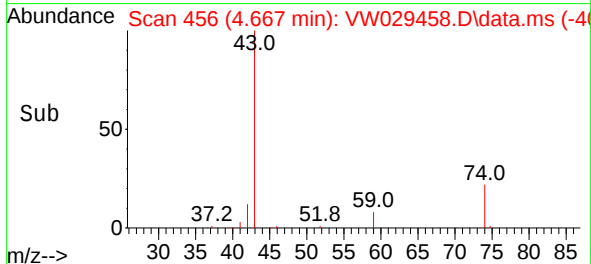
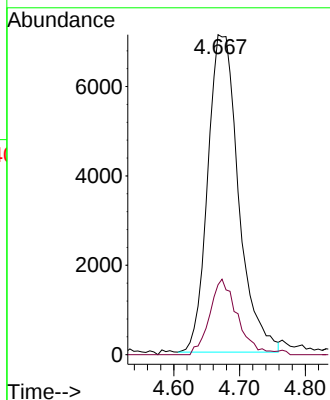


#15
Methyl Acetate
Concen: 9.335 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Instrument :
MSVOA_W
ClientSampleId :

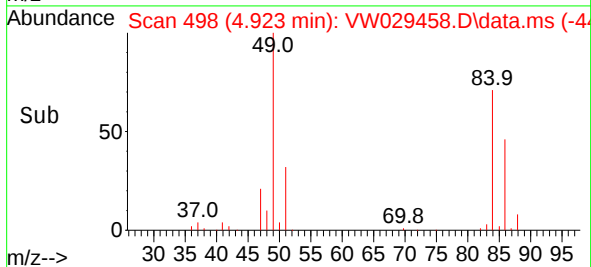
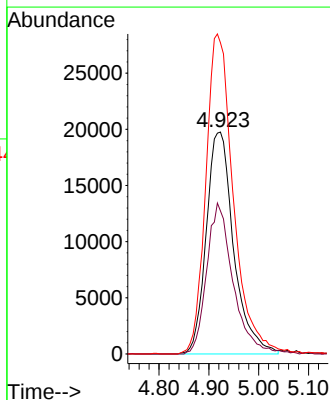
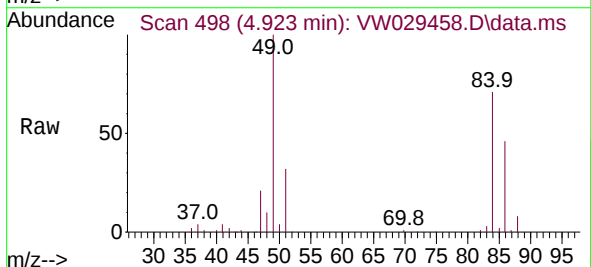


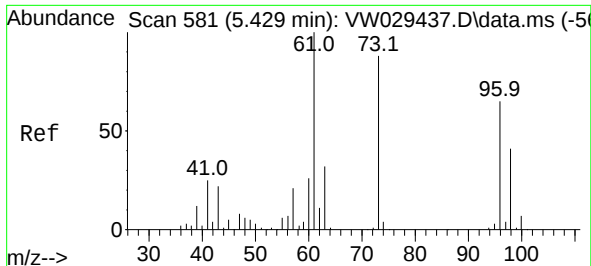
Tgt Ion: 43 Resp: 23151
Ion Ratio Lower Upper
43 100
74 21.4 16.6 25.0



#16
Methylene chloride
Concen: 12.104 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion: 84 Resp: 75553
Ion Ratio Lower Upper
84 100
86 64.4 41.4 77.0
49 140.2 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 12.114 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

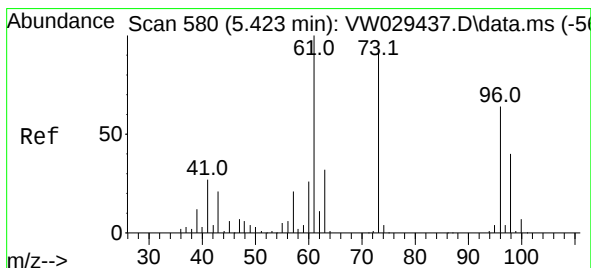
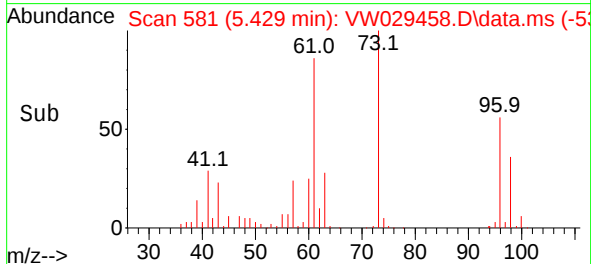
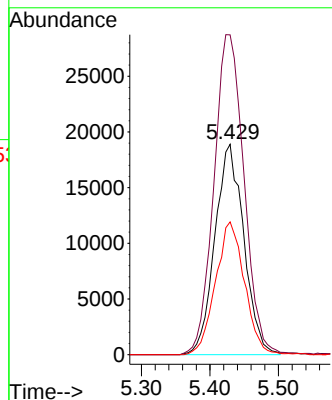
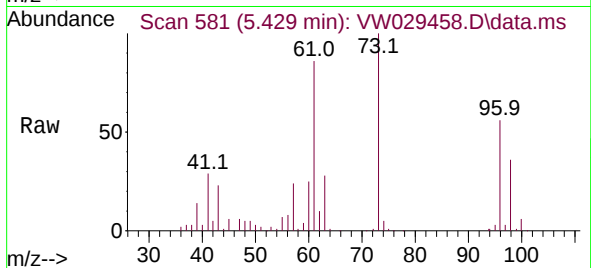
Tgt Ion: 96 Resp: 55335

Ion Ratio Lower Upper

96 100

61 152.0 101.5 188.5

98 63.1 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 16.287 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

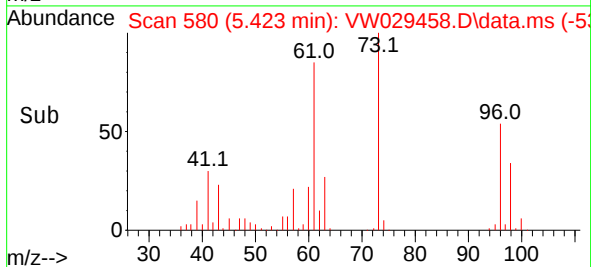
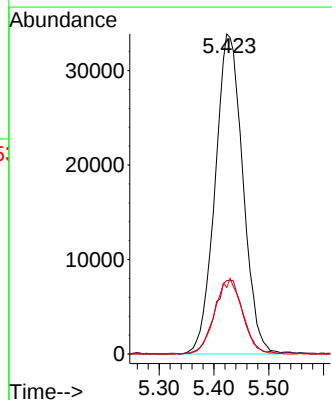
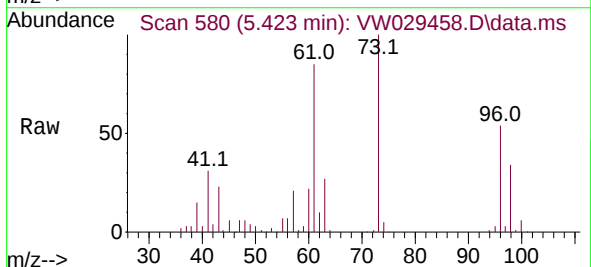
Tgt Ion: 73 Resp: 119029

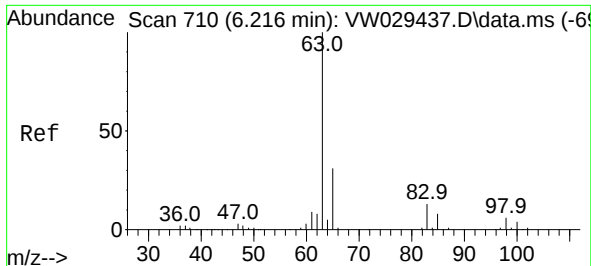
Ion Ratio Lower Upper

73 100

43 23.7 19.5 29.3

57 23.5 18.4 27.6





#19

1,1-Dichloroethane

Concen: 14.462 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

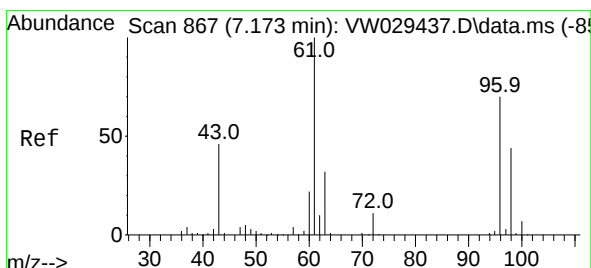
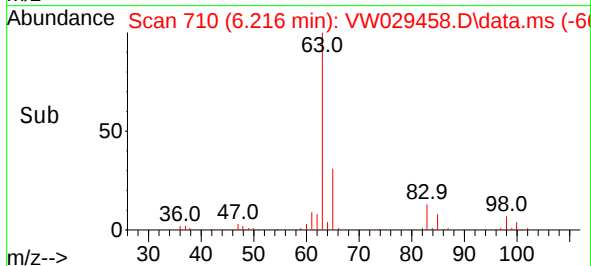
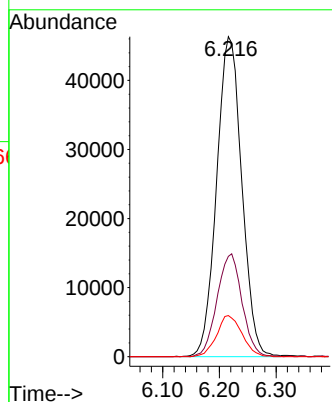
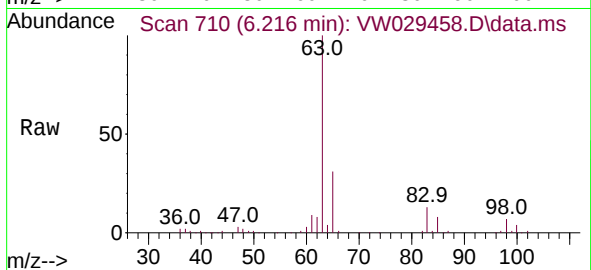
Tgt Ion: 63 Resp: 142674

Ion Ratio Lower Upper

63 100

65 31.3 23.4 43.4

83 12.9 8.9 16.5



#20

cis-1,2-Dichloroethene

Concen: 13.420 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

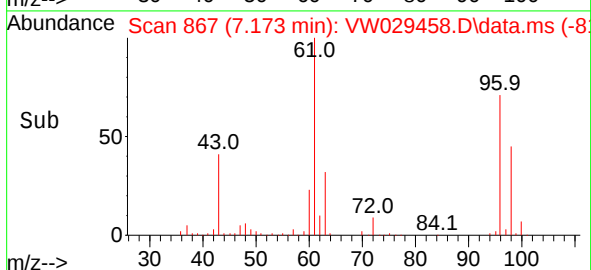
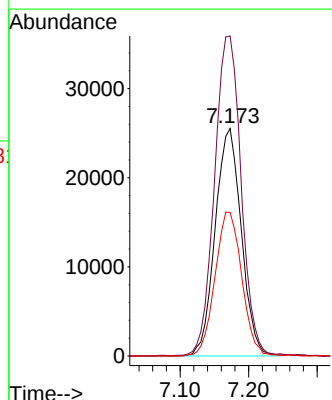
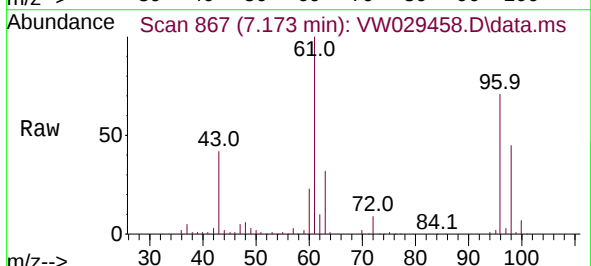
Tgt Ion: 96 Resp: 67598

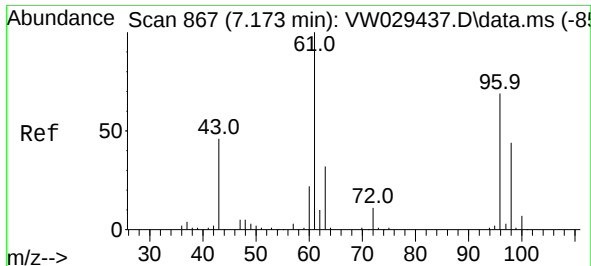
Ion Ratio Lower Upper

96 100

61 140.6 97.8 181.6

98 63.1 43.0 79.8

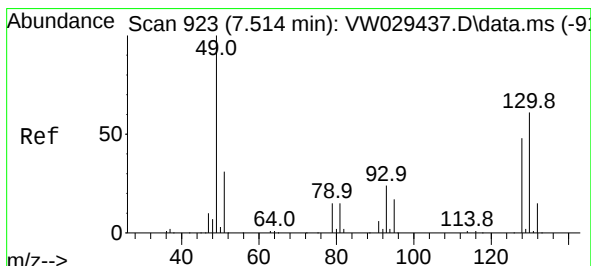
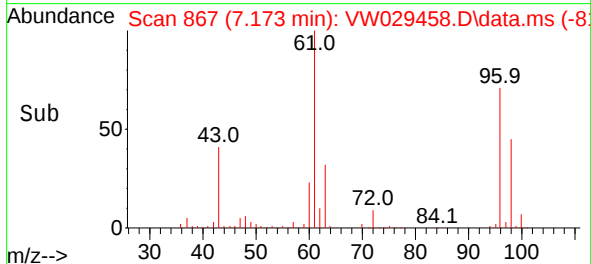
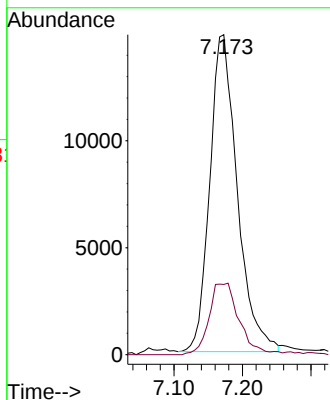
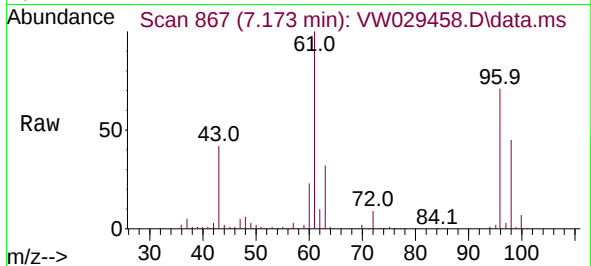




#22
2-Butanone
Concen: 24.107 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

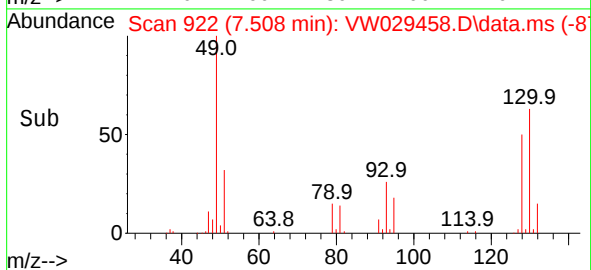
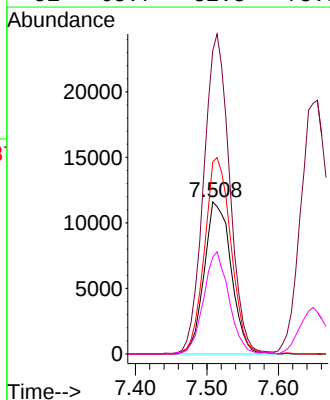
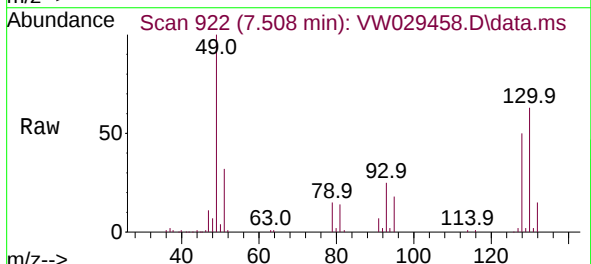
Instrument :
MSVOA_W
ClientSampleId :

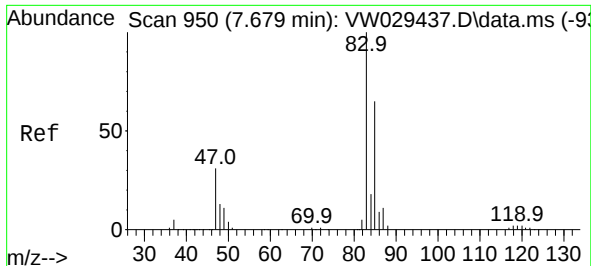
Tgt Ion: 43 Resp: 41283
Ion Ratio Lower Upper
43 100
72 13.3 11.9 35.7



#23
Bromochloromethane
Concen: 13.562 ug/L
RT: 7.508 min Scan# 922
Delta R.T. -0.006 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion: 128 Resp: 30412
Ion Ratio Lower Upper
128 100
49 199.7 142.6 264.8
130 126.4 79.7 148.1
51 63.7 52.3 78.5





#25

Chloroform

Concen: 14.101 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

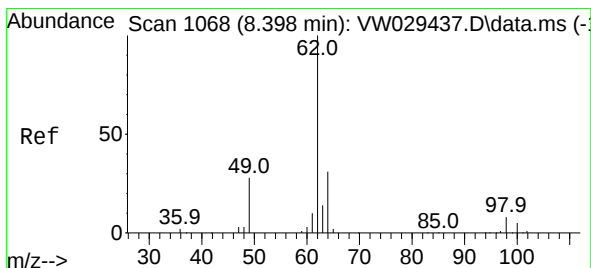
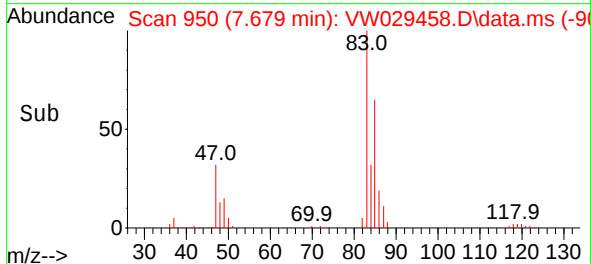
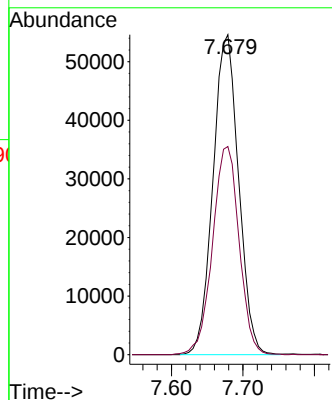
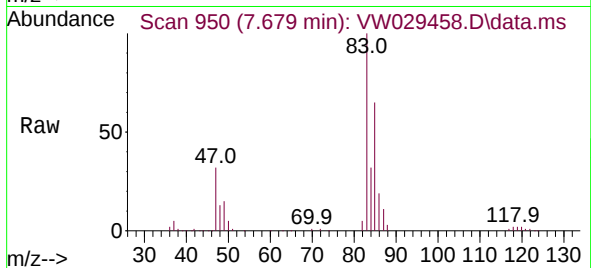
ClientSampleId :

Tgt Ion: 83 Resp: 135847

Ion Ratio Lower Upper

83 100

85 65.1 44.4 82.4



#27

1,2-Dichloroethane

Concen: 13.454 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029458.D

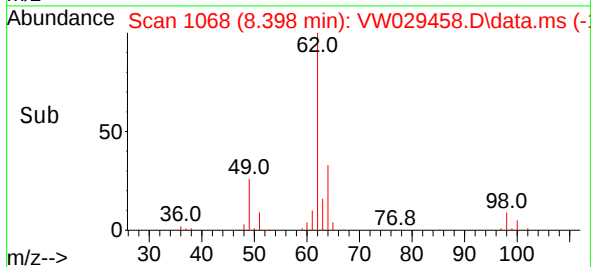
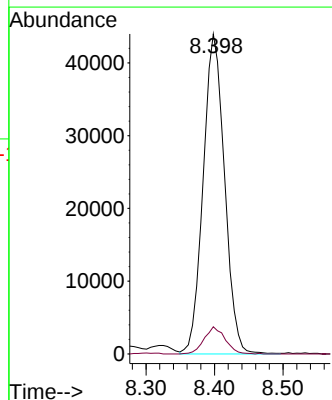
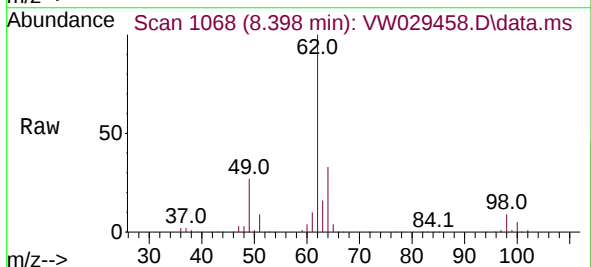
Acq: 02 Jul 2024 20:42

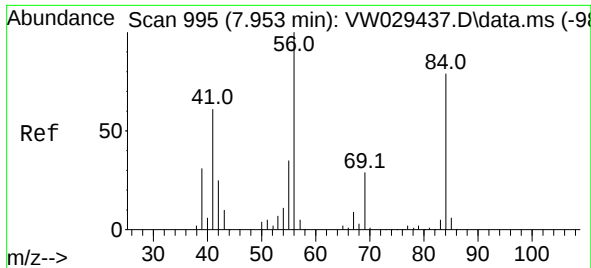
Tgt Ion: 62 Resp: 95589

Ion Ratio Lower Upper

62 100

98 8.5 6.6 10.0





#29

Cyclohexane

Concen: 15.521 ug/L

RT: 7.959 min Scan# 995

Delta R.T. 0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

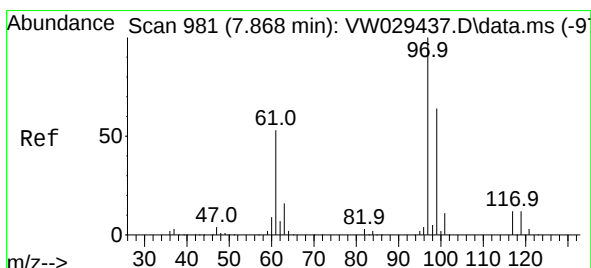
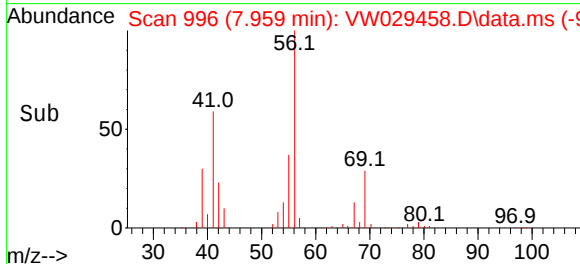
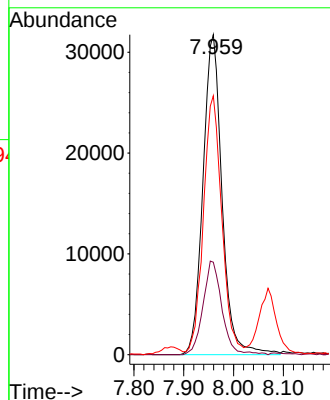
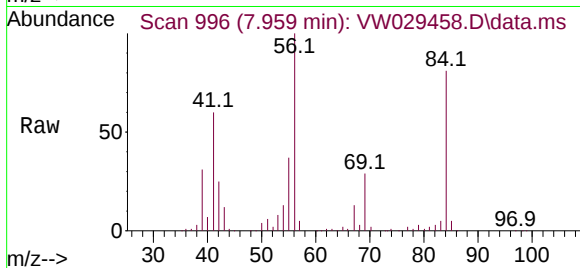
Tgt Ion: 56 Resp: 84530

Ion Ratio Lower Upper

56 100

69 28.4 23.4 35.0

84 77.4 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 19.573 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

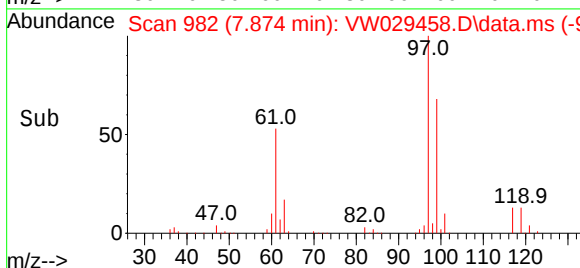
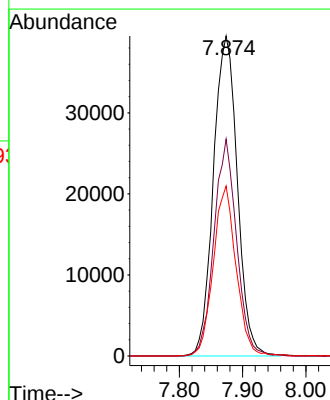
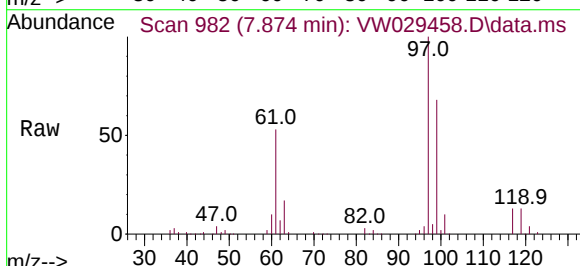
Tgt Ion: 97 Resp: 103687

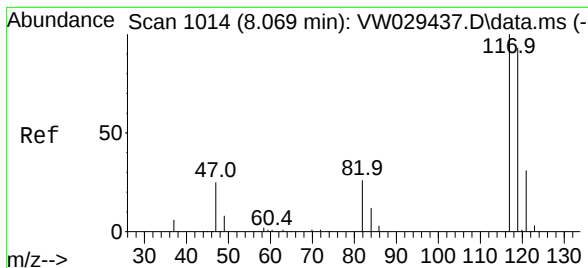
Ion Ratio Lower Upper

97 100

99 63.9 53.0 79.4

61 50.4 43.0 64.4





#31

Carbon tetrachloride

Concen: 17.710 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

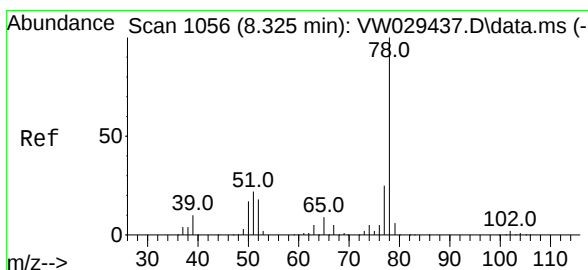
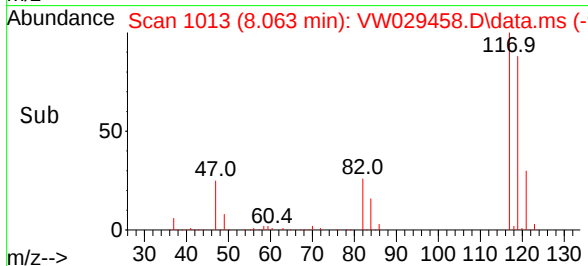
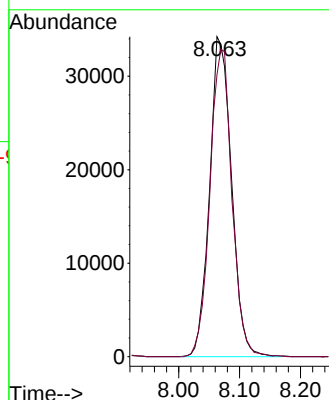
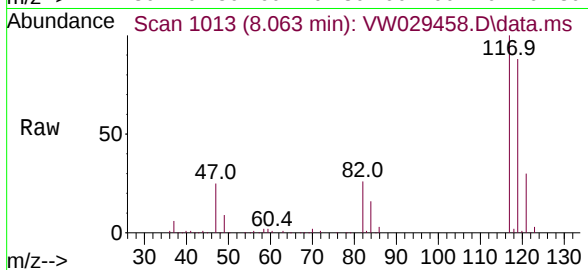
ClientSampleId :

Tgt Ion:117 Resp: 85699

Ion Ratio Lower Upper

117 100

119 96.4 79.0 118.4



#33

Benzene

Concen: 18.762 ug/L

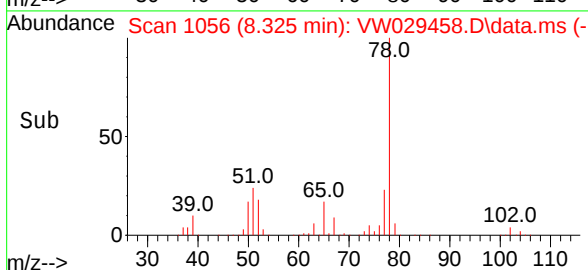
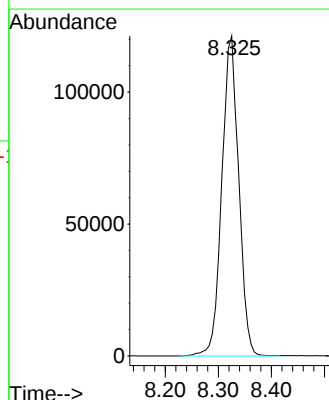
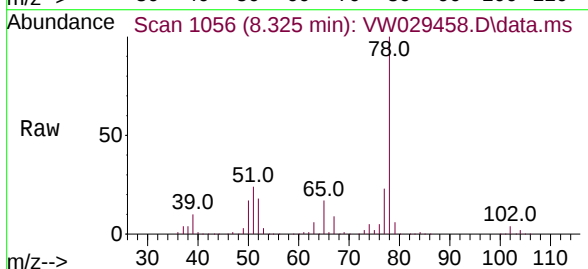
RT: 8.325 min Scan# 1056

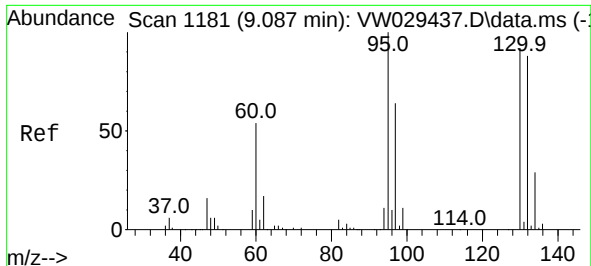
Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Tgt Ion: 78 Resp: 268561





#34

Trichloroethene

Concen: 15.792 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

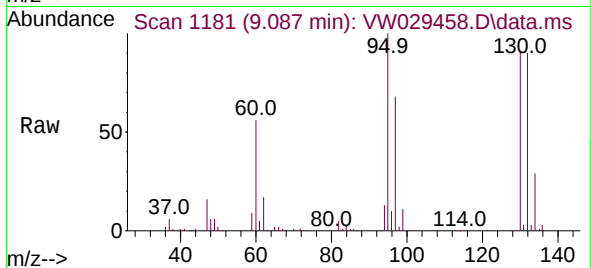
Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 60307

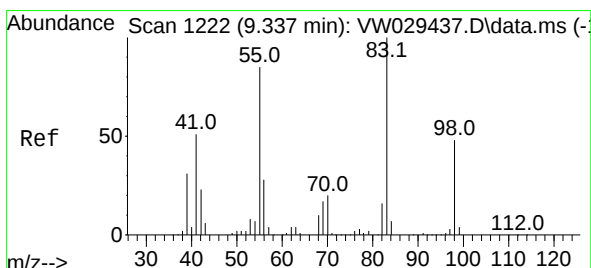
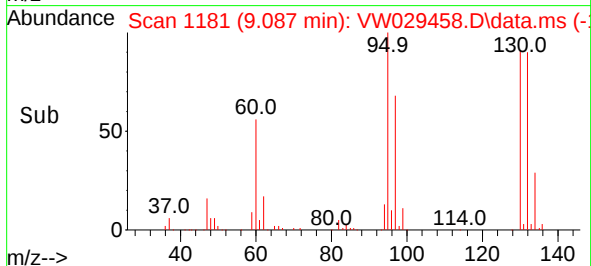
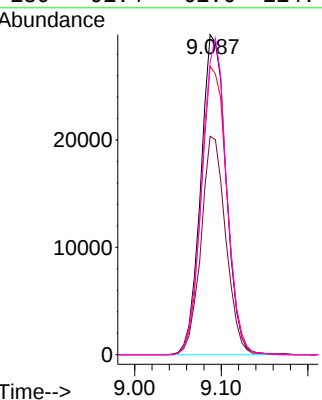
Ion Ratio Lower Upper

95 100

97 68.2 45.7 84.9

132 90.1 66.4 123.4

130 91.4 61.6 114.4



#35

Methylcyclohexane

Concen: 11.562 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

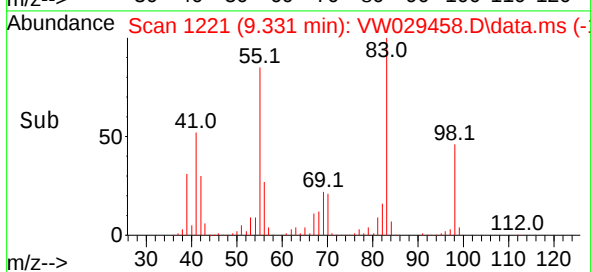
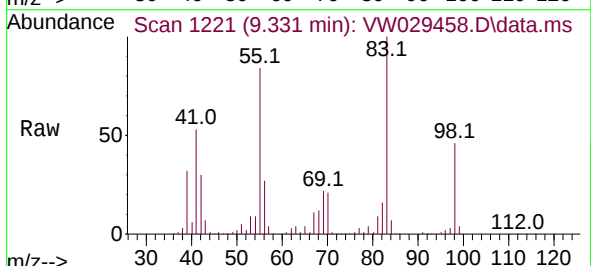
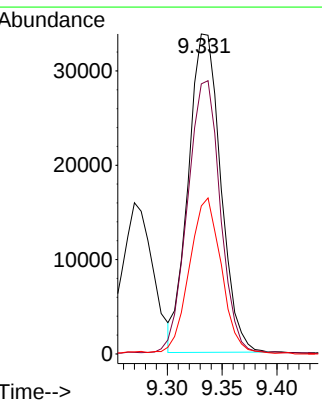
Tgt Ion: 83 Resp: 69438

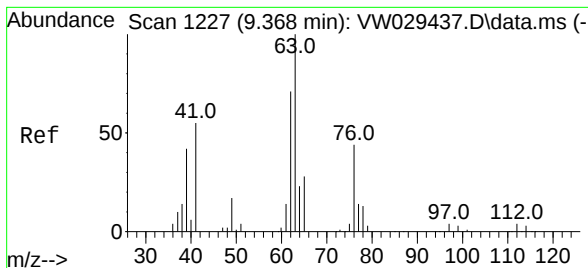
Ion Ratio Lower Upper

83 100

55 86.7 69.5 104.3

98 48.7 38.0 57.0





#37

1,2-Dichloropropane

Concen: 19.594 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

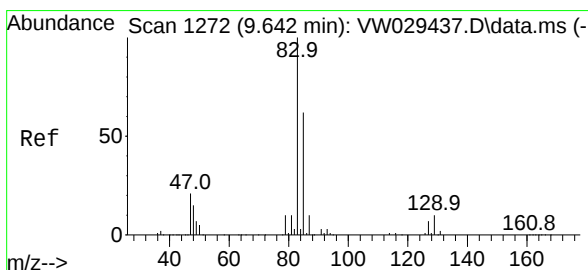
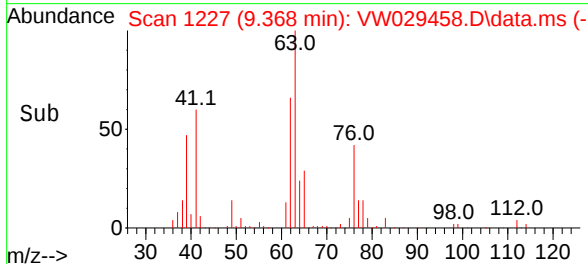
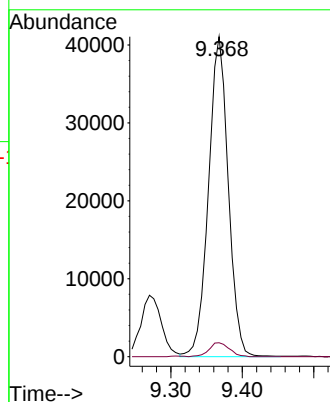
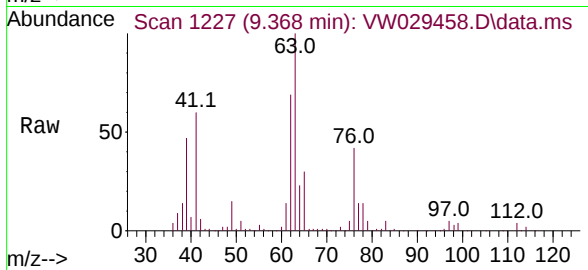
ClientSampleId :

Tgt Ion: 63 Resp: 78810

Ion Ratio Lower Upper

63 100

112 4.5 3.8 5.6



#38

Bromodichloromethane

Concen: 18.149 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

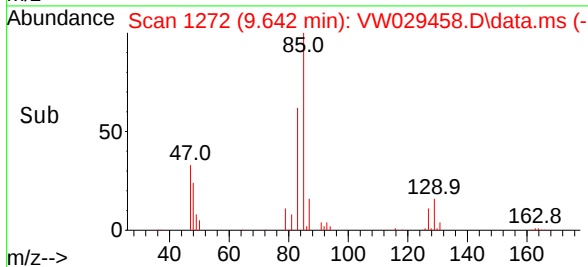
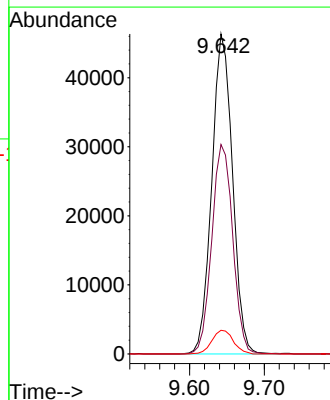
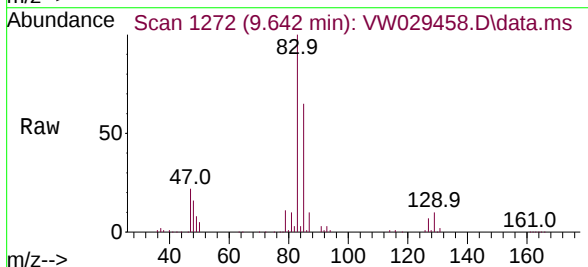
Tgt Ion: 83 Resp: 89250

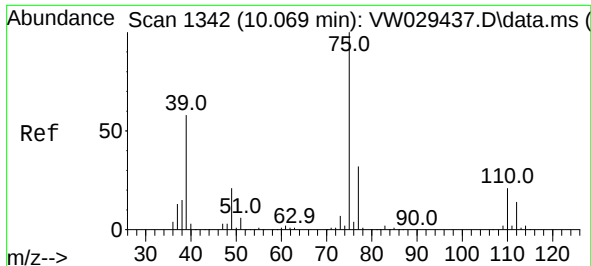
Ion Ratio Lower Upper

83 100

85 65.5 45.1 83.9

127 7.4 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 14.113 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

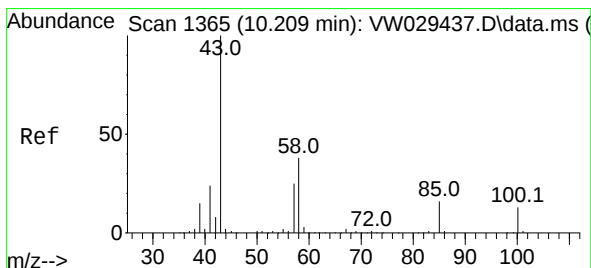
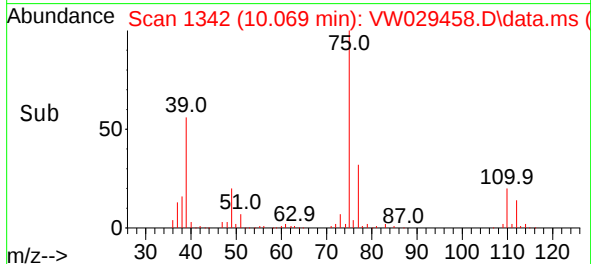
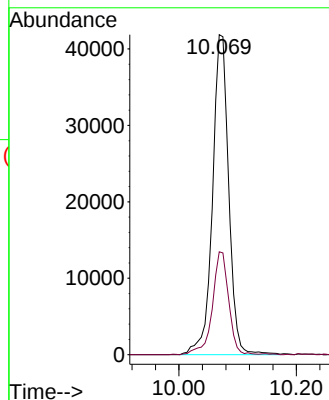
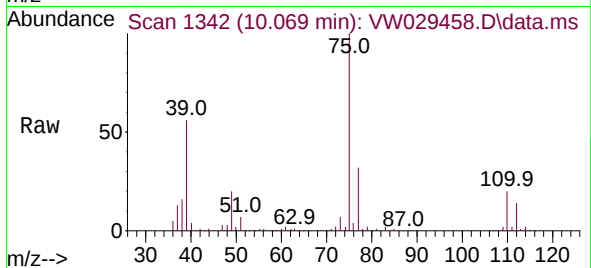
ClientSampleId :

Tgt Ion: 75 Resp: 80242

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.1



#40

4-Methyl-2-pentanone

Concen: 33.637 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

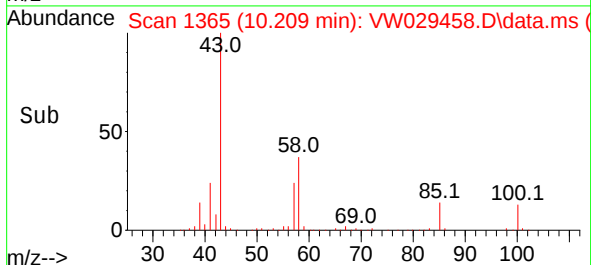
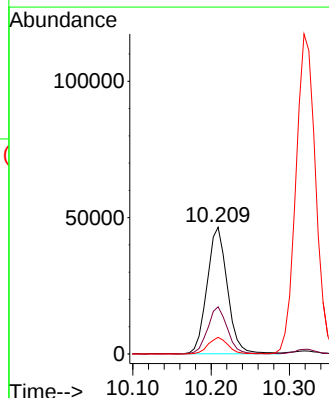
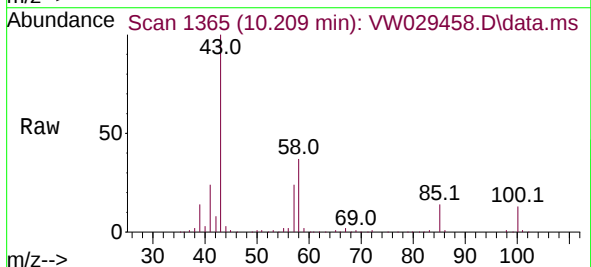
Tgt Ion: 43 Resp: 83855

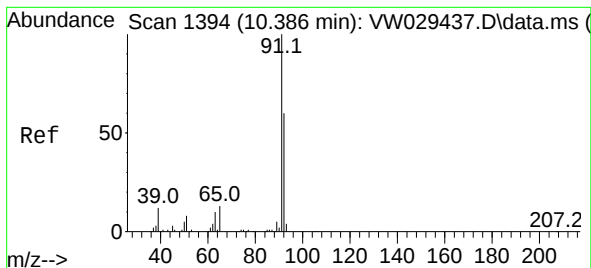
Ion Ratio Lower Upper

43 100

58 36.3 28.2 42.4

100 12.7 11.0 16.4





#42

Toluene

Concen: 16.488 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

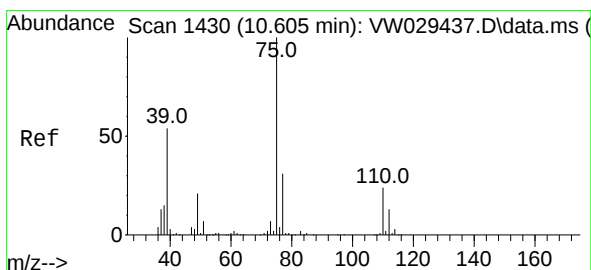
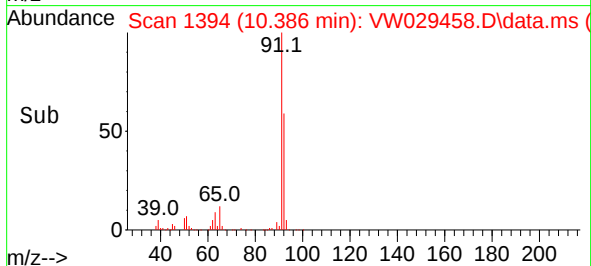
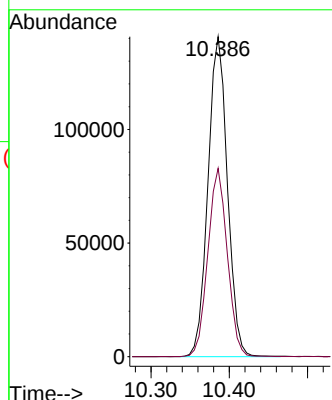
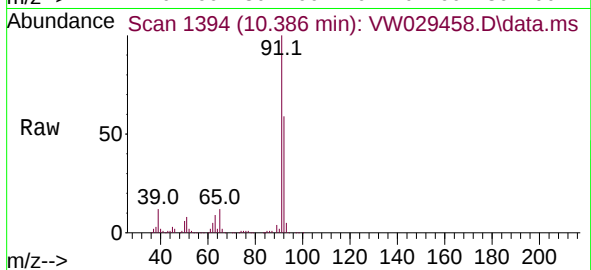
ClientSampleId :

Tgt Ion: 91 Resp: 242616

Ion Ratio Lower Upper

91 100

92 58.8 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 13.334 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029458.D

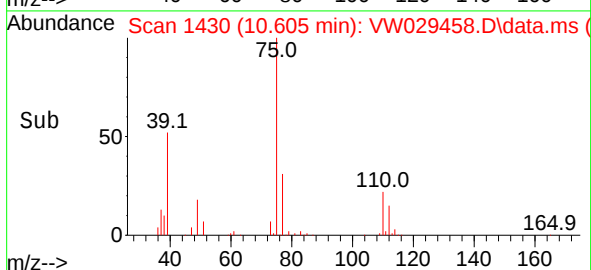
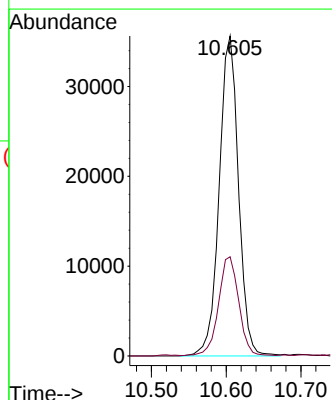
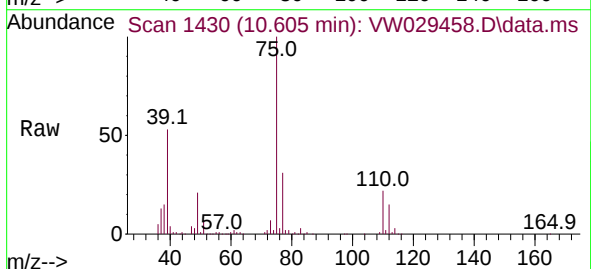
Acq: 02 Jul 2024 20:42

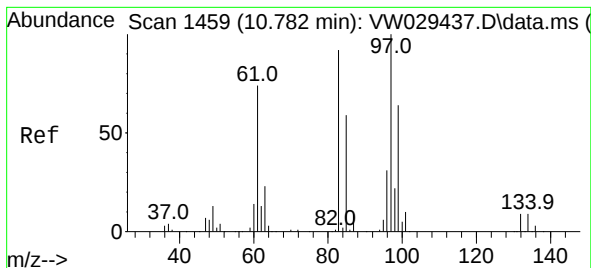
Tgt Ion: 75 Resp: 64015

Ion Ratio Lower Upper

75 100

77 31.0 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 17.753 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

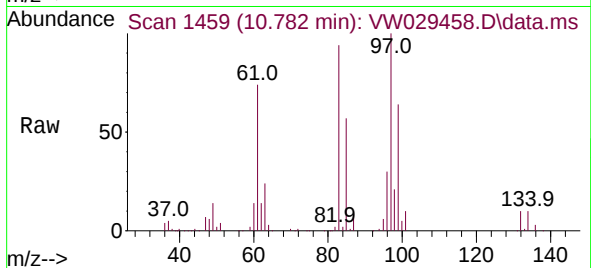
Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 49730

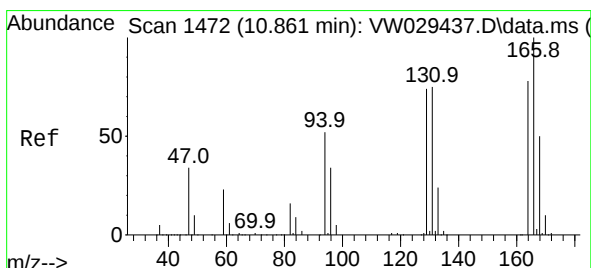
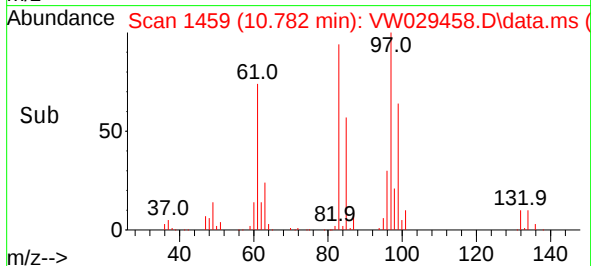
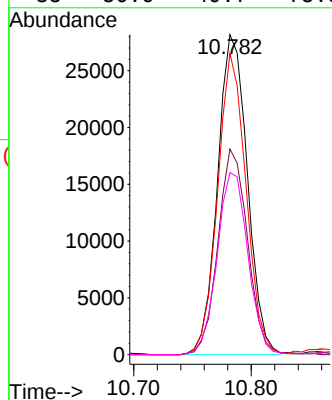
Ion Ratio Lower Upper

97 100

99 64.3 42.3 78.5

83 94.1 57.7 107.1

85 56.9 40.7 75.5



#46

Tetrachloroethene

Concen: 13.759 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Tgt Ion:164 Resp: 36730

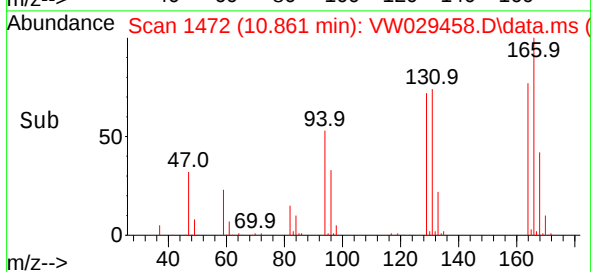
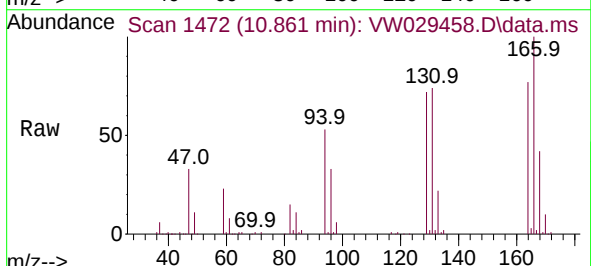
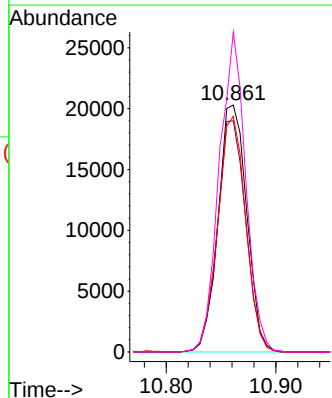
Ion Ratio Lower Upper

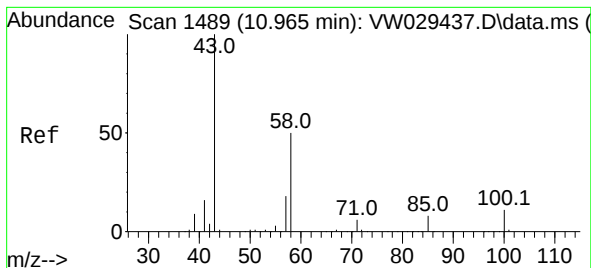
164 100

129 93.7 68.5 127.3

131 95.5 71.8 133.4

166 129.7 97.2 180.4





#48

2-Hexanone

Concen: 26.561 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

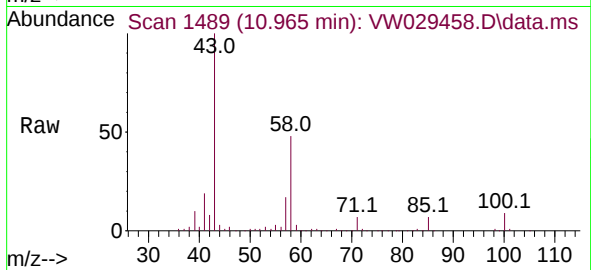
Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 46985

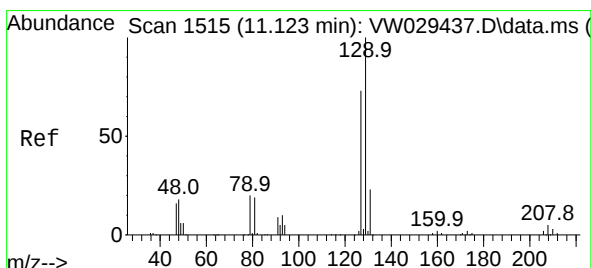
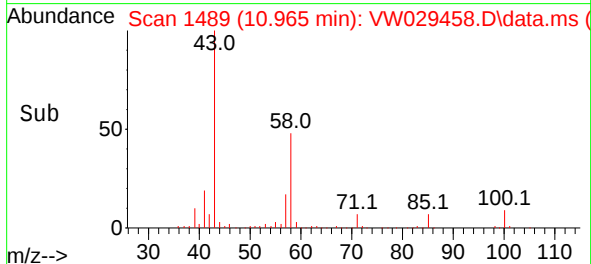
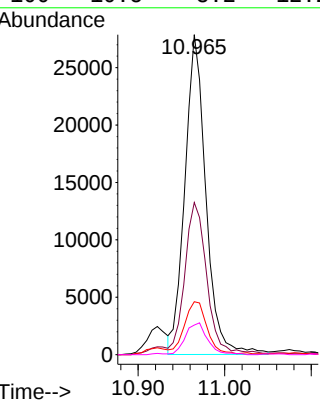
Ion Ratio Lower Upper

43 100

58 46.6 39.6 59.4

57 17.9 14.6 21.8

100 10.5 8.2 12.2



#49

Dibromochloromethane

Concen: 17.648 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW029458.D

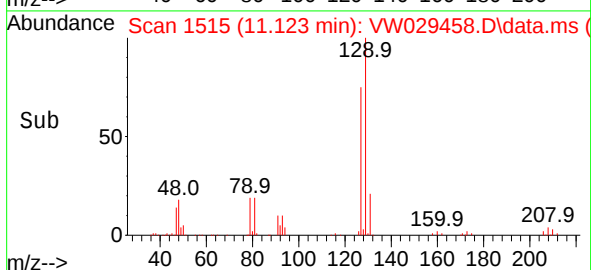
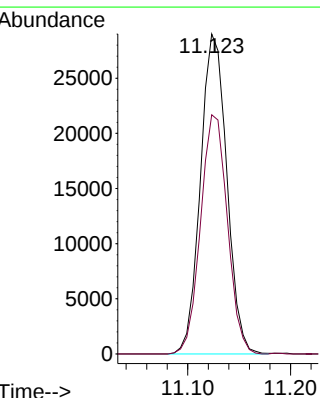
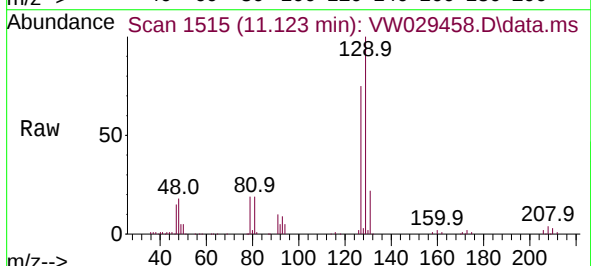
Acq: 02 Jul 2024 20:42

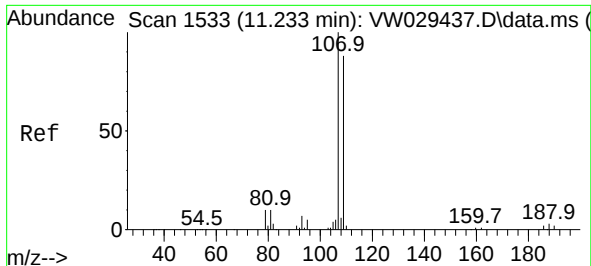
Tgt Ion:129 Resp: 51677

Ion Ratio Lower Upper

129 100

127 74.8 54.8 101.8





#50

1,2-Dibromoethane

Concen: 16.115 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

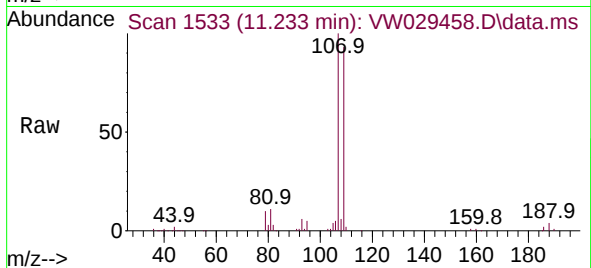
Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :



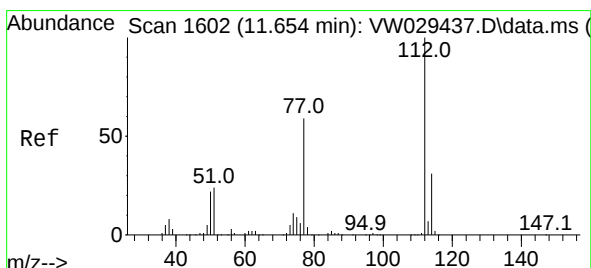
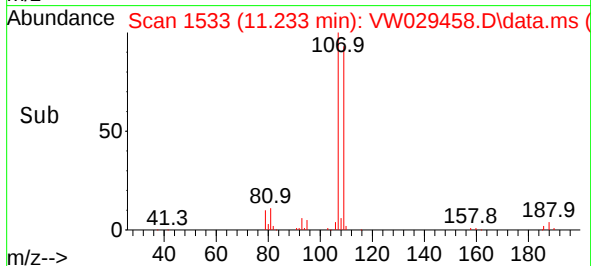
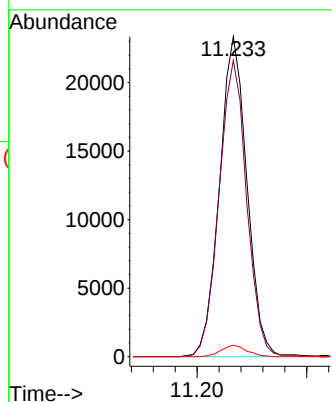
Tgt Ion:107 Resp: 40521

Ion Ratio Lower Upper

107 100

109 92.5 65.5 121.6

188 3.6 2.6 4.0



#51

Chlorobenzene

Concen: 12.754 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

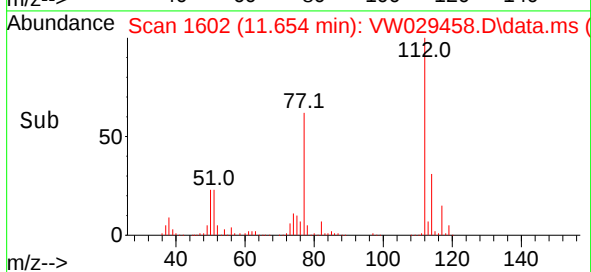
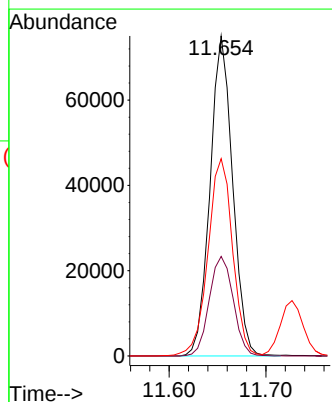
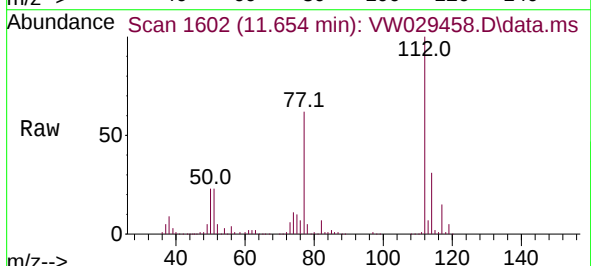
Tgt Ion:112 Resp: 121868

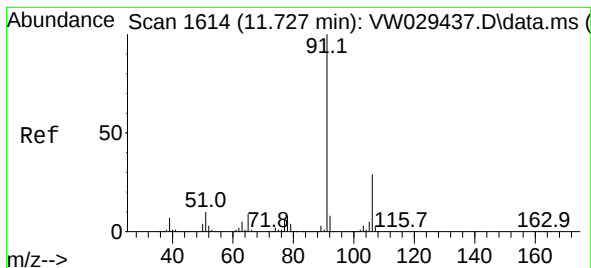
Ion Ratio Lower Upper

112 100

114 31.1 22.6 42.0

77 61.6 51.0 76.6





#52

Ethylbenzene

Concen: 13.534 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

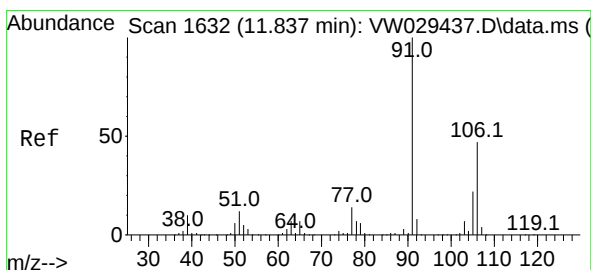
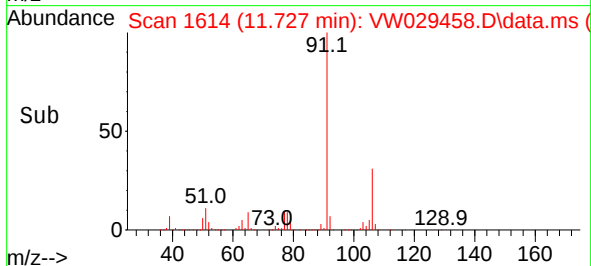
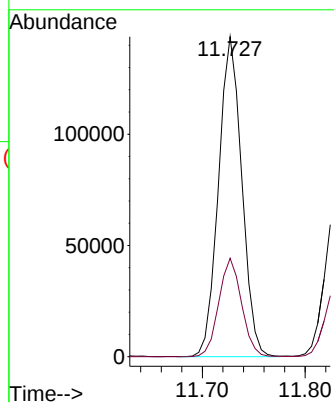
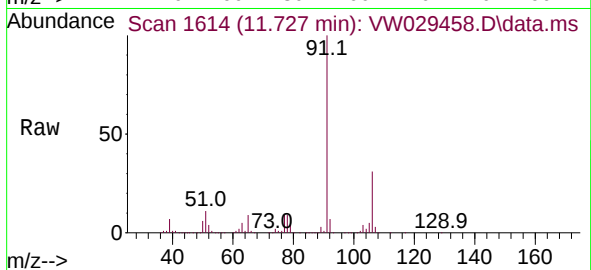
ClientSampleId :

Tgt Ion: 91 Resp: 226061

Ion Ratio Lower Upper

91 100

106 30.7 19.9 37.0



#53

m,p-Xylene

Concen: 12.818 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029458.D

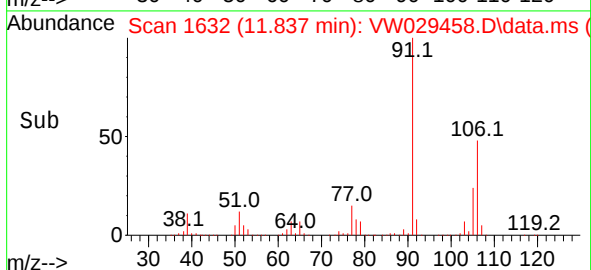
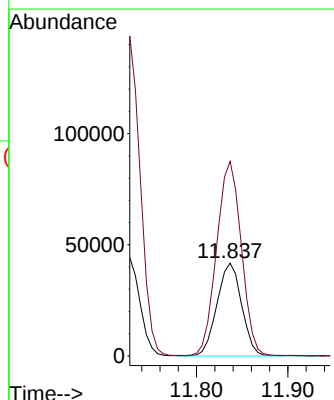
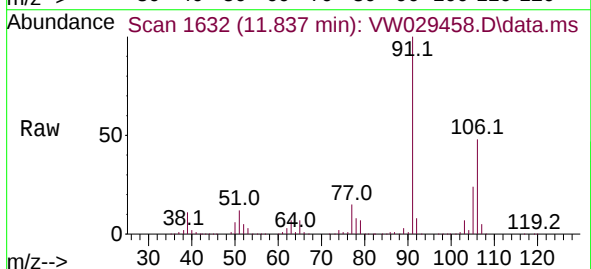
Acq: 02 Jul 2024 20:42

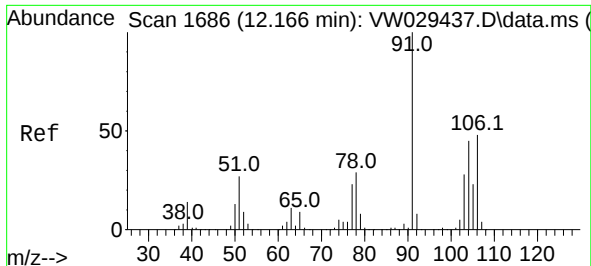
Tgt Ion:106 Resp: 78203

Ion Ratio Lower Upper

106 100

91 209.7 140.5 260.9

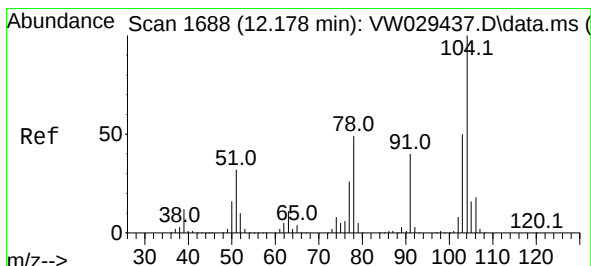
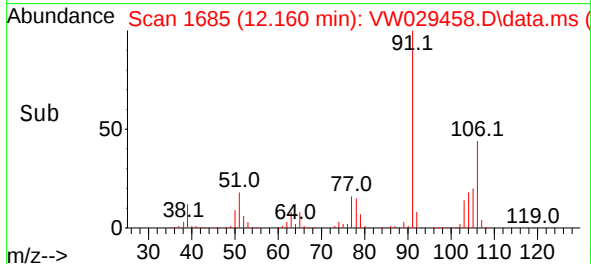
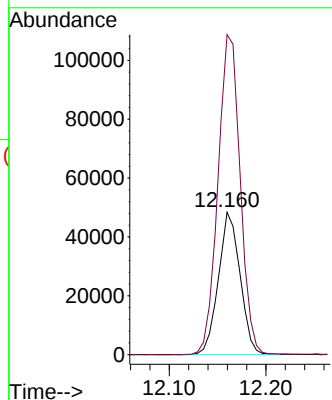
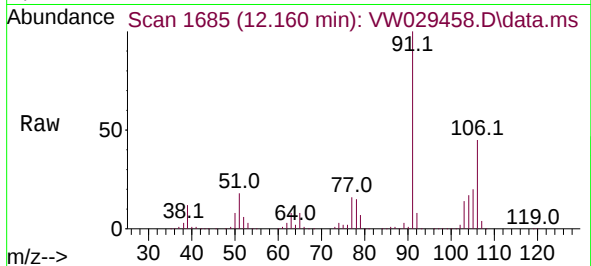




#54
o-Xylene
Concen: 13.200 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

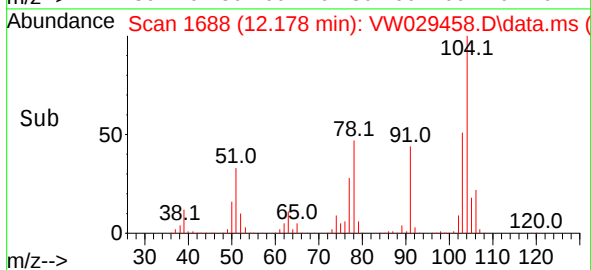
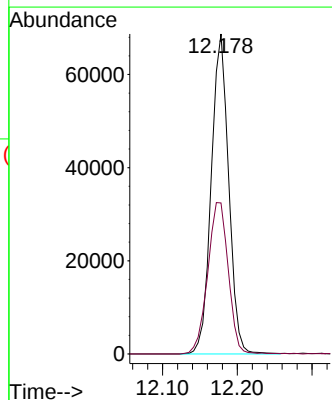
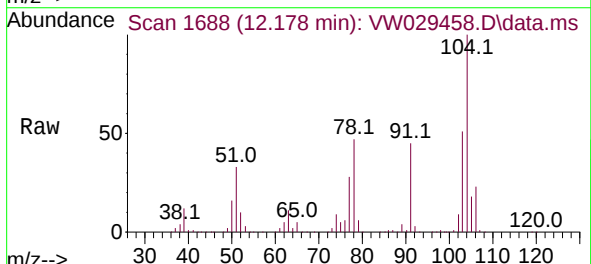
Instrument :
MSVOA_W
ClientSampleId :

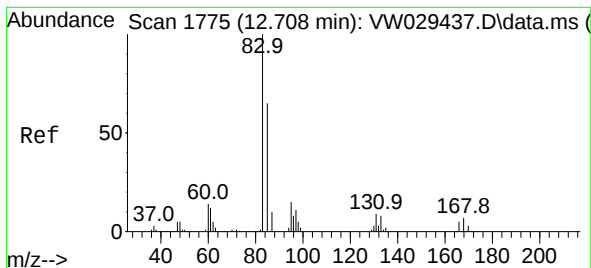
Tgt Ion:106 Resp: 75269
Ion Ratio Lower Upper
106 100
91 224.7 149.9 278.5



#55
Styrene
Concen: 11.193 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion:104 Resp: 111285
Ion Ratio Lower Upper
104 100
78 47.2 35.4 65.7

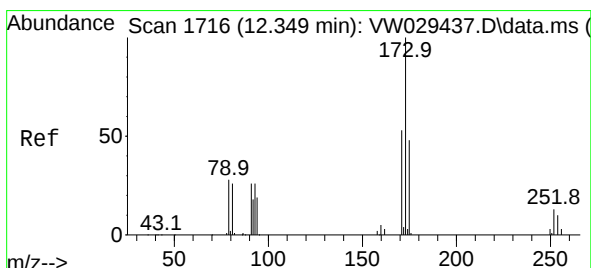
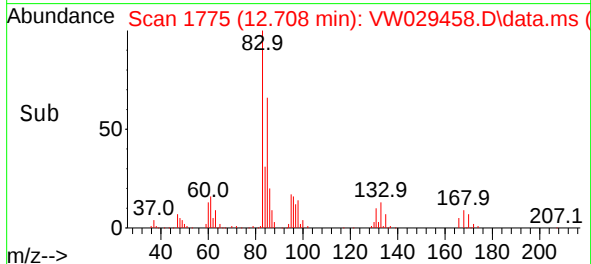
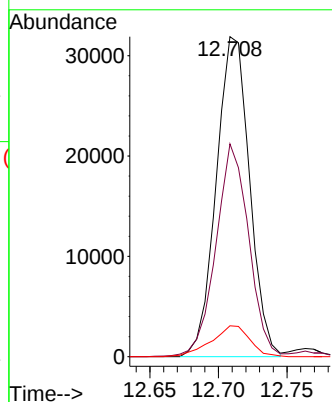
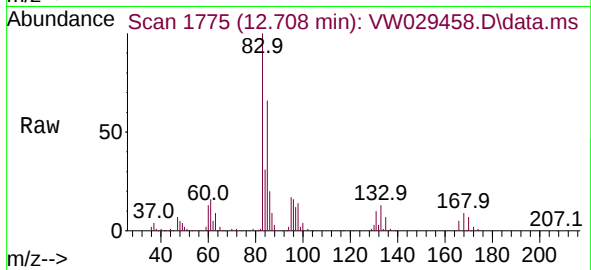




#57
1,1,2,2-Tetrachloroethane
Concen: 15.558 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

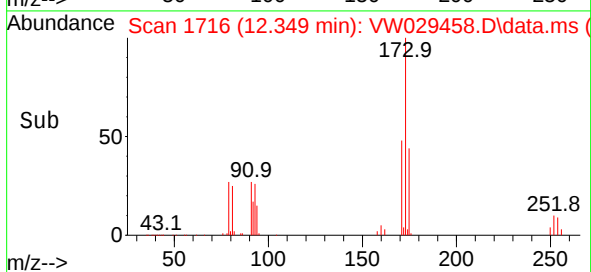
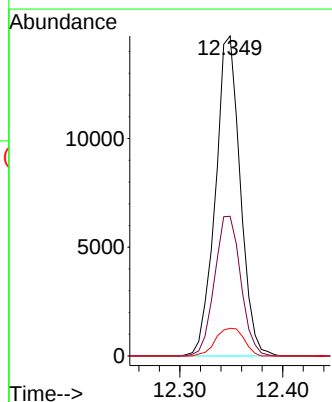
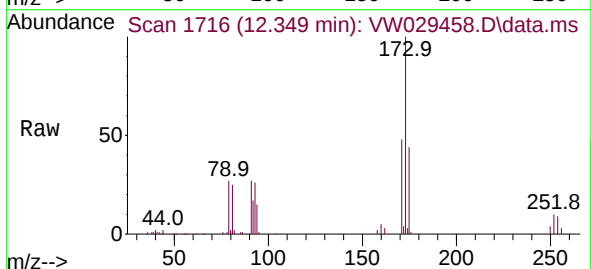
Instrument :
MSVOA_W
ClientSampleId :

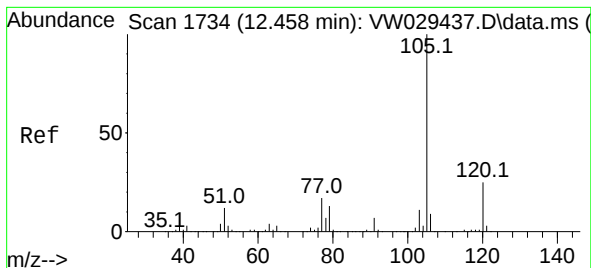
Tgt Ion: 83 Resp: 53908
Ion Ratio Lower Upper
83 100
85 66.5 45.8 85.0
131 9.6 7.8 11.6



#59
Bromoform
Concen: 30.702 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion:173 Resp: 24659
Ion Ratio Lower Upper
173 100
175 46.0 37.8 56.8
254 10.0 7.8 11.6





#60

Isopropylbenzene

Concen: 23.647 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

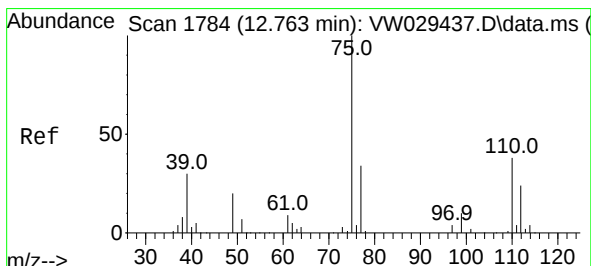
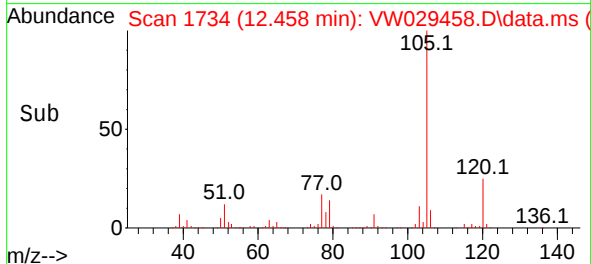
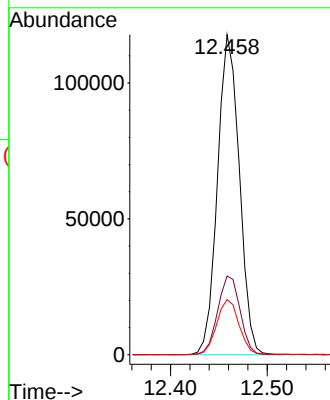
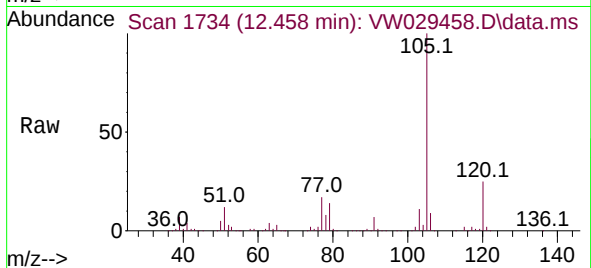
Tgt Ion:105 Resp: 184645

Ion Ratio Lower Upper

105 100

120 25.2 20.5 30.7

77 17.7 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 33.209 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

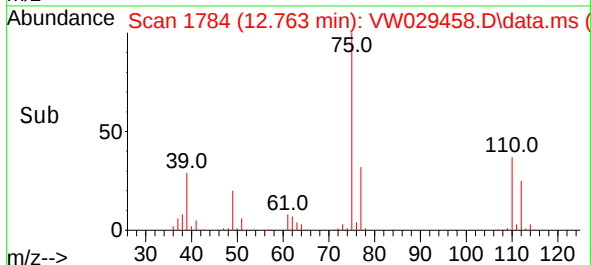
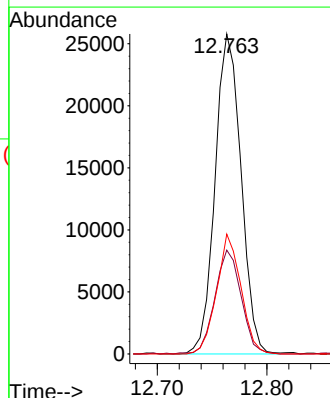
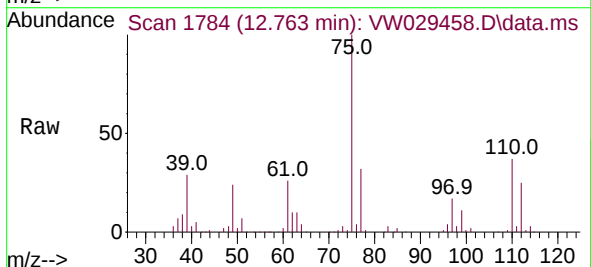
Tgt Ion: 75 Resp: 42447

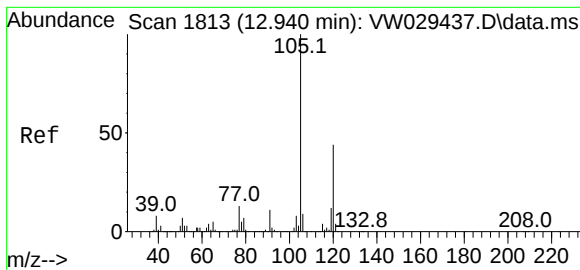
Ion Ratio Lower Upper

75 100

77 32.6 26.6 39.8

110 35.1 29.5 44.3

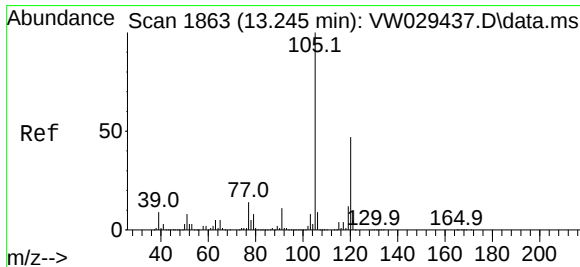
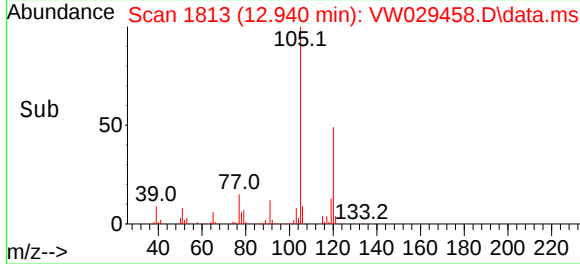
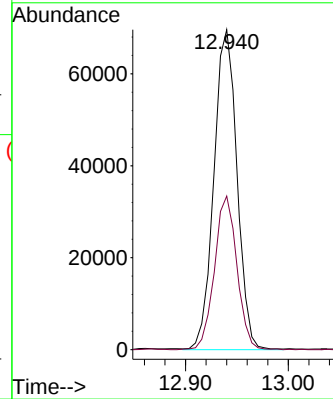
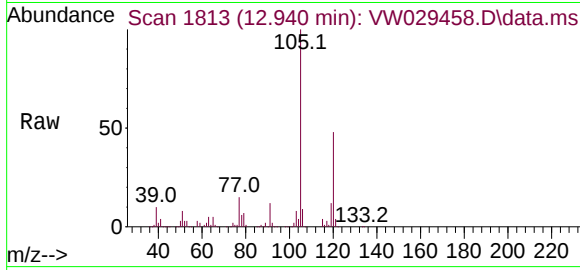




#62
1,3,5-Trimethylbenzene
Concen: 19.231 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

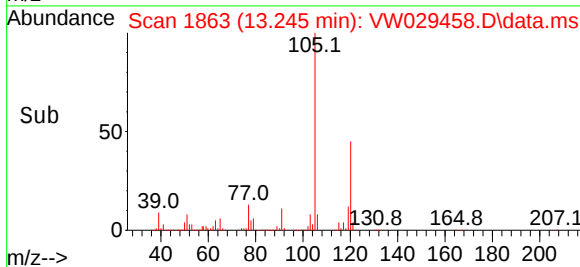
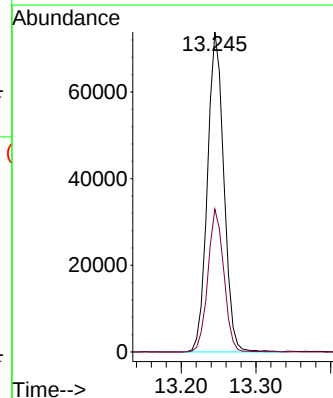
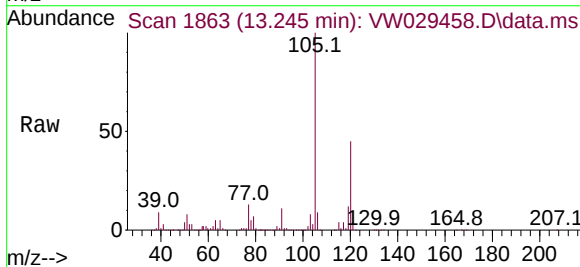
Instrument :
MSVOA_W
ClientSampleId :

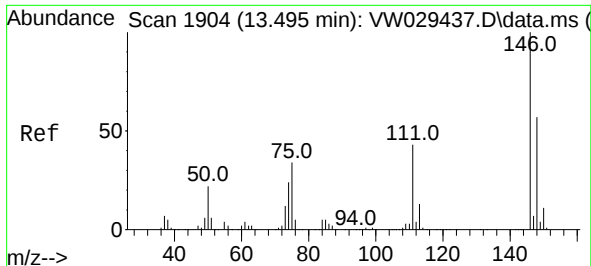
Tgt Ion:105 Resp: 108750
Ion Ratio Lower Upper
105 100
120 46.5 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 18.494 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion:105 Resp: 112527
Ion Ratio Lower Upper
105 100
120 43.2 34.9 52.3

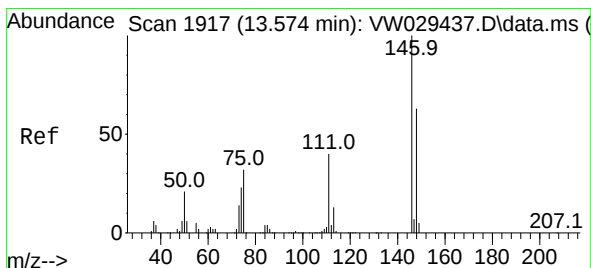
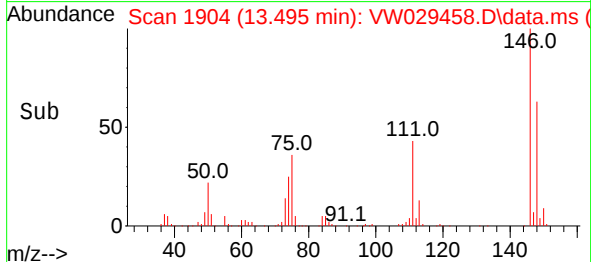
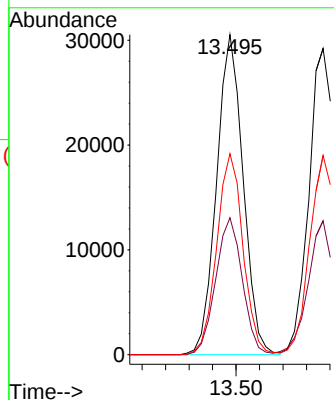
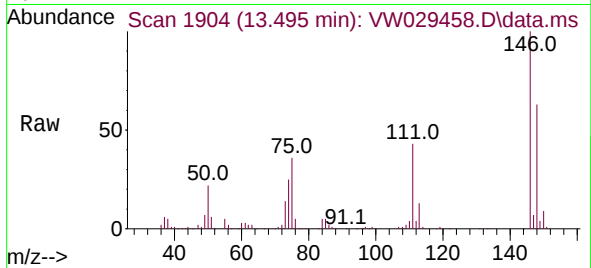




#64
1,3-Dichlorobenzene
Concen: 14.211 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

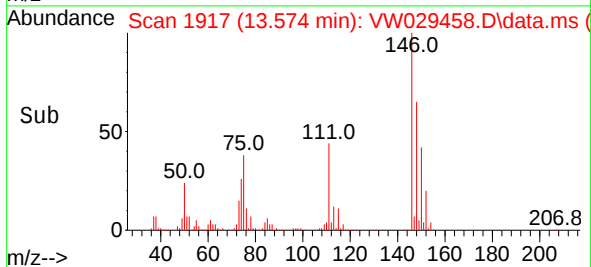
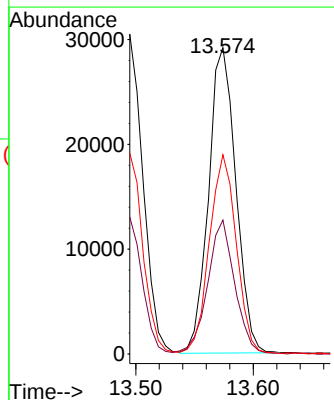
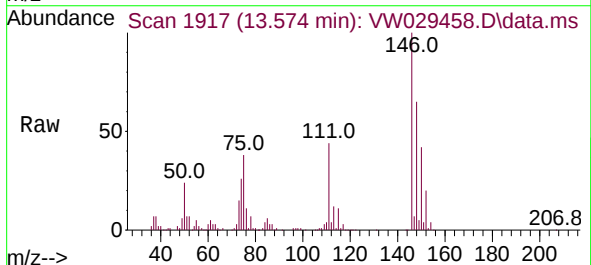
Instrument :
MSVOA_W
ClientSampleId :

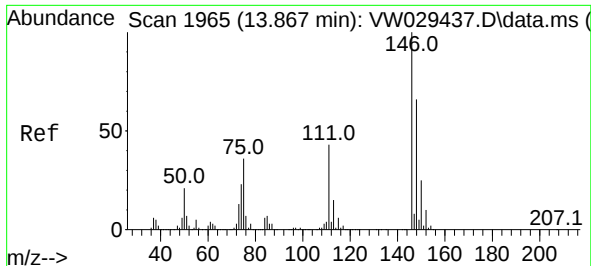
Tgt Ion:146 Resp: 48021
Ion Ratio Lower Upper
146 100
111 42.8 33.0 61.2
148 62.8 47.5 88.1



#65
1,4-Dichlorobenzene
Concen: 13.109 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion:146 Resp: 47130
Ion Ratio Lower Upper
146 100
111 43.7 28.9 53.7
148 65.0 42.0 78.0

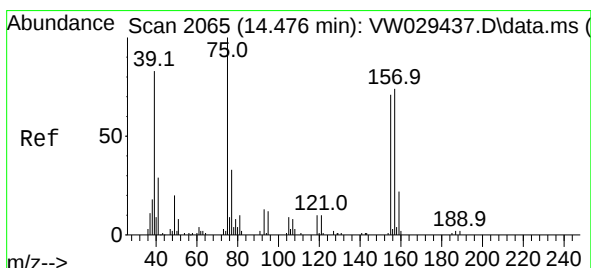
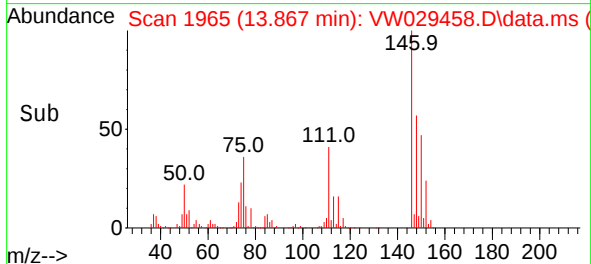
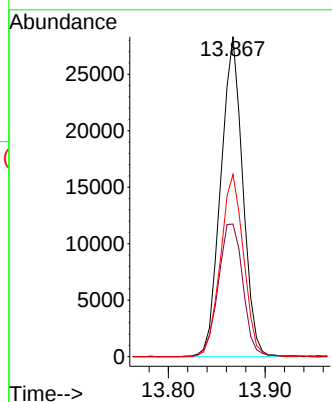
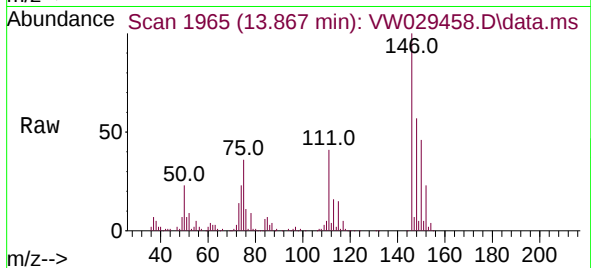




#67
1,2-Dichlorobenzene
Concen: 14.283 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

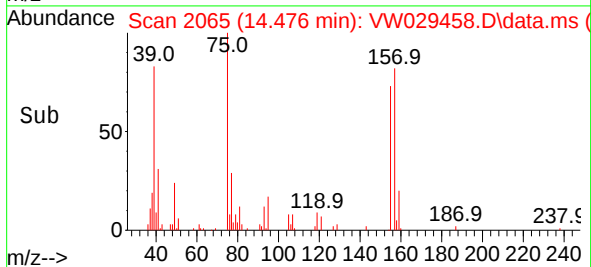
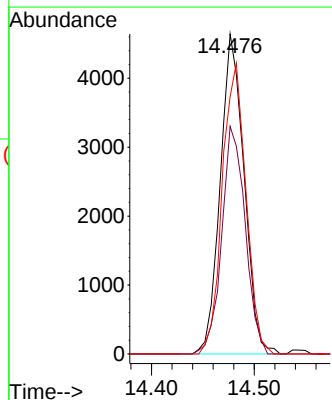
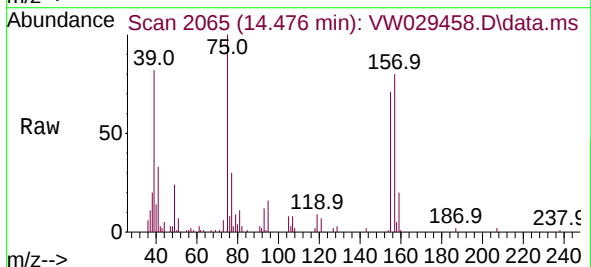
Instrument :
MSVOA_W
ClientSampleId :

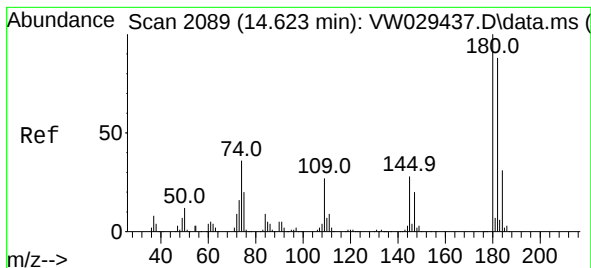
Tgt Ion:146 Resp: 44618
Ion Ratio Lower Upper
146 100
111 41.4 34.2 51.4
148 57.0 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.976 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029458.D
Acq: 02 Jul 2024 20:42

Tgt Ion: 75 Resp: 7450
Ion Ratio Lower Upper
75 100
155 71.1 51.0 76.6
157 80.4 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 7.803 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:180 Resp: 17795

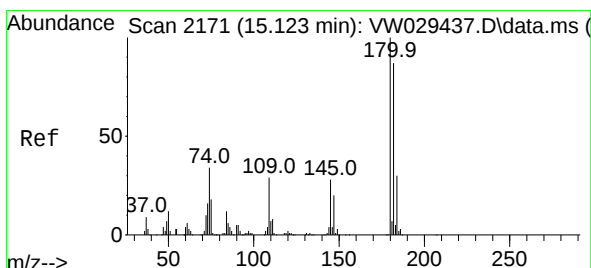
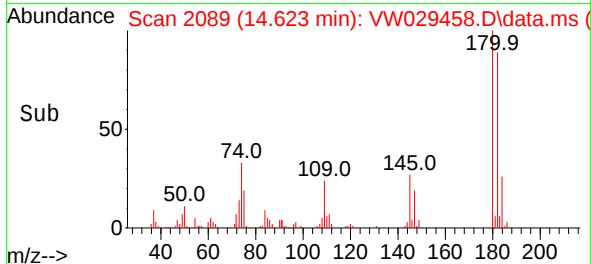
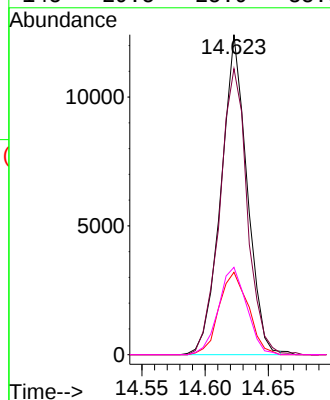
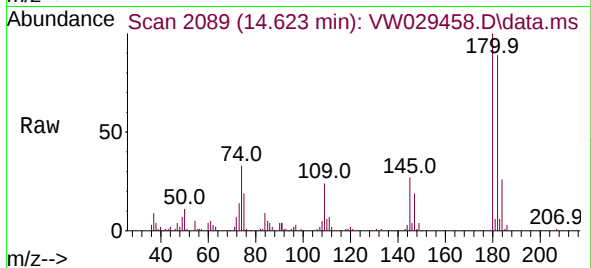
Ion Ratio Lower Upper

180 100

182 93.9 72.9 109.3

184 28.9 23.8 35.6

145 29.5 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 5.856 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

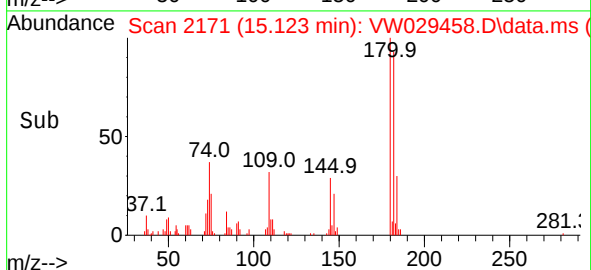
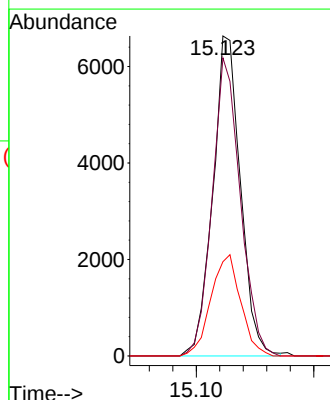
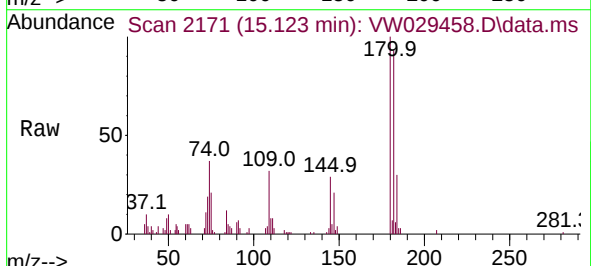
Tgt Ion:180 Resp: 10826

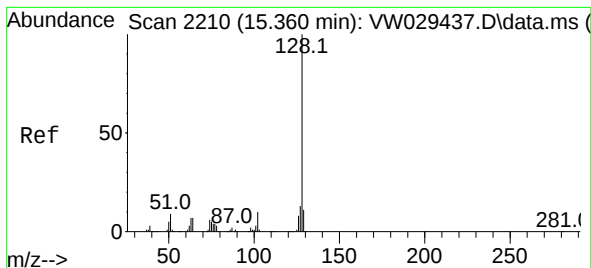
Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

145 34.1 25.7 38.5





#71

Naphthalene

Concen: 7.955 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Instrument :

MSVOA_W

ClientSampleId :

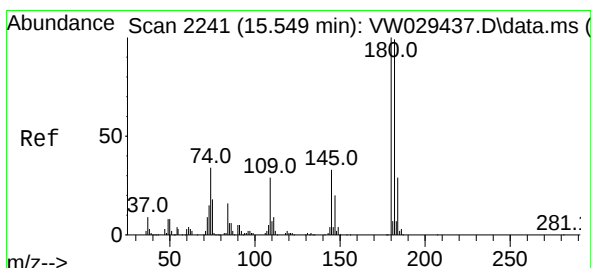
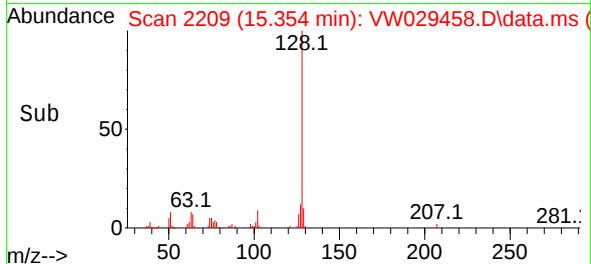
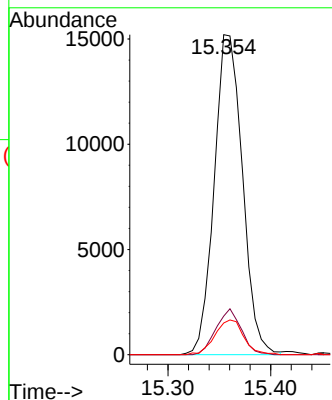
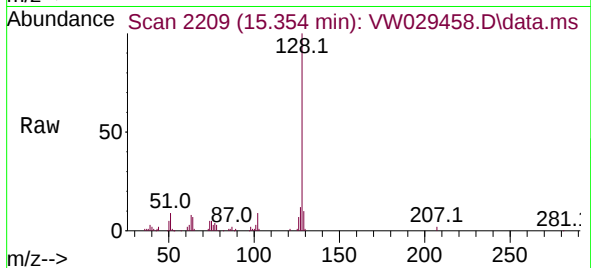
Tgt Ion:128 Resp: 29026

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 5.455 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW029458.D

Acq: 02 Jul 2024 20:42

Tgt Ion:180 Resp: 9189

Ion Ratio Lower Upper

180 100

182 92.6 73.0 109.6

145 34.6 28.1 42.1

