

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082724\
 Data File : VW030049.D
 Acq On : 27 Aug 2024 17:09
 Operator : SY/MD
 Sample : P3722-03MSD
 Misc : 5.34g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 28 01:17:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM082624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Aug 28 01:11:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	300009	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222297	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	74565	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	86144	19.295	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.200%
7) Chloroethane-d5	2.899	69	62985	19.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.520%
11) 1,1-Dichloroethene-d2	4.021	65	36422	19.095	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.360%
21) 2-Butanone-d5	7.081	46	53334	59.928	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.860%
24) Chloroform-d	7.648	84	161898	20.011	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	80.040%
26) 1,2-Dichloroethane-d4	8.307	65	91261	22.215	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.880%
32) Benzene-d6	8.276	84	323475	24.652	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.600%
36) 1,2-Dichloropropane-d6	9.270	67	101196	26.323	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.280%
41) Toluene-d8	10.325	98	264339	22.133	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.520%
43) trans-1,3-Dichloroprop...	10.575	79	39536	25.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.000%
47) 2-Hexanone-d5	10.922	63	45202	76.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	153.660%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	74737	26.405	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	48756	18.078	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	72.320%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	50287	14.574	ug/L	91
3) Chloromethane	2.229	50	71198	17.750	ug/L	97
5) Vinyl chloride	2.375	62	75494	15.923	ug/L	95
6) Bromomethane	2.789	94	44983	15.267	ug/L	98
8) Chloroethane	2.930	64	43705	15.997	ug/L	100
9) Trichlorofluoromethane	3.265	101	61202	14.907	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	59485	15.144	ug/L #	61
12) 1,1-Dichloroethene	4.045	96	58199	15.134	ug/L	88
13) Acetone	4.118	43	310134	380.995	ug/L	98
14) Carbon disulfide	4.399	76	194457	16.300	ug/L	98
15) Methyl Acetate	4.667	43	59492	37.486	ug/L	99
16) Methylene chloride	4.923	84	69989	14.122	ug/L	92
17) trans-1,2-Dichloroethene	5.423	96	65118	15.311	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	116096	17.850	ug/L	98
19) 1,1-Dichloroethane	6.216	63	127869	16.180	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	72239	15.368	ug/L	93
22) 2-Butanone	7.173	43	51186	43.944	ug/L	97
23) Bromochloromethane	7.520	128	31103	15.600	ug/L	98
25) Chloroform	7.679	83	126462	15.644	ug/L	99

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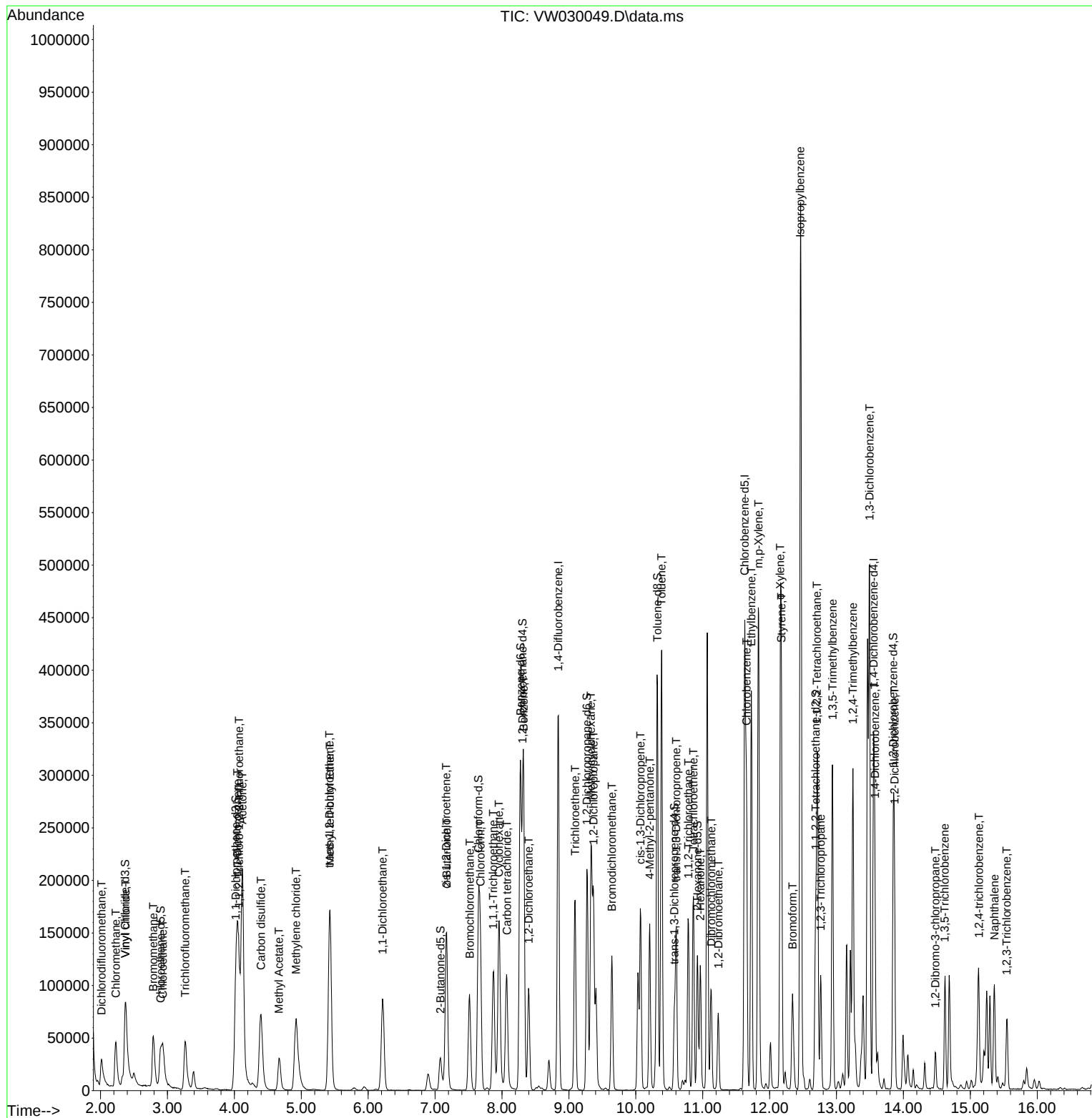
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	86863	16.787	ug/L	99
29) Cyclohexane	7.953	56	96816	18.037	ug/L	99
30) 1,1,1-Trichloroethane	7.868	97	95629	18.367	ug/L	99
31) Carbon tetrachloride	8.075	117	82264	17.586	ug/L	100
33) Benzene	8.325	78	269575	18.927	ug/L	100
34) Trichloroethene	9.093	95	65990	17.207	ug/L	98
35) Methylcyclohexane	9.331	83	95763	15.246	ug/L	95
37) 1,2-Dichloropropane	9.367	63	71739	19.891	ug/L	99
38) Bromodichloromethane	9.642	83	86840	19.083	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	106412	19.169	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	101288	56.418	ug/L	98
42) Toluene	10.386	91	305939	20.171	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	86830	19.330	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	51650	19.539	ug/L	98
46) Tetrachloroethene	10.861	164	41931	14.405	ug/L	97
48) 2-Hexanone	10.965	43	73883	57.889	ug/L	95
49) Dibromochloromethane	11.129	129	50567	18.003	ug/L	87
50) 1,2-Dibromoethane	11.233	107	50454	20.433	ug/L #	100
51) Chlorobenzene	11.654	112	144952	14.947	ug/L	95
52) Ethylbenzene	11.727	91	264757	15.406	ug/L	96
53) m,p-Xylene	11.837	106	97483	15.200	ug/L	100
54) o-Xylene	12.160	106	90159	14.647	ug/L	99
55) Styrene	12.178	104	137955	13.376	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	61002	20.492	ug/L	98
59) Bromoform	12.343	173	29197	26.294	ug/L	98
60) Isopropylbenzene	12.458	105	257278	21.627	ug/L #	78
61) 1,2,3-Trichloropropane	12.763	75	45863	30.250	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	163947	18.535	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	161027	17.272	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	74529	14.696	ug/L	94
65) 1,4-Dichlorobenzene	13.574	146	75322	14.702	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	68198	15.033	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	9113	28.080	ug/L	90
69) 1,3,5-Trichlorobenzene	14.617	180	30749	9.287	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	26659	9.303	ug/L	99
71) Naphthalene	15.360	128	84122	15.373	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	22344	8.883	ug/L	95

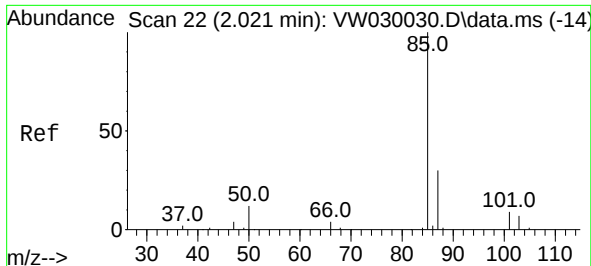
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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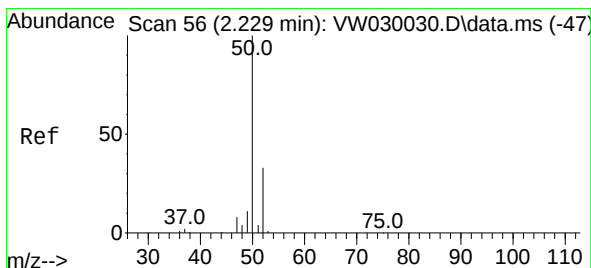
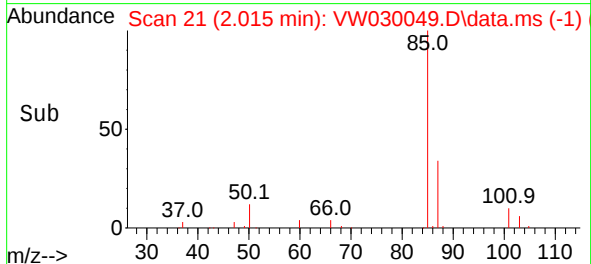
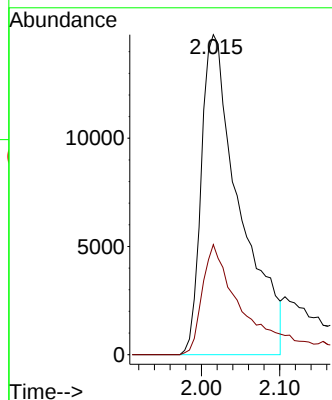
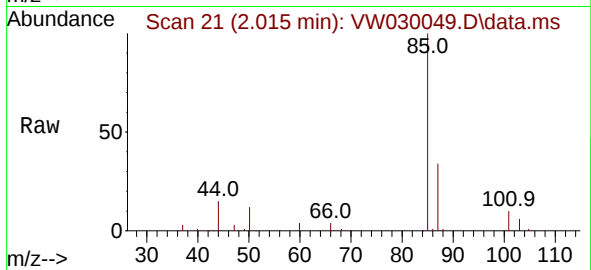




#2
 Dichlorodifluoromethane
 Concen: 14.574 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW030049.D
 Acq: 27 Aug 2024 17:09

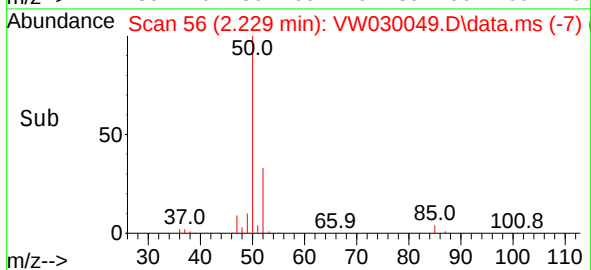
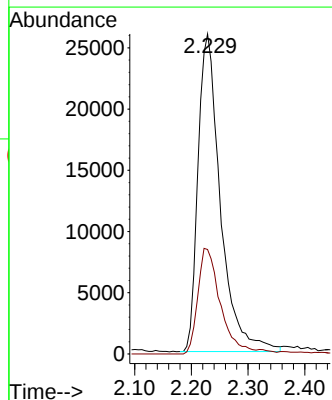
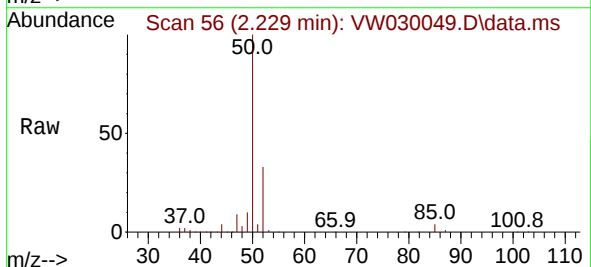
Instrument :
 MSVOA_W
 ClientSampleId :

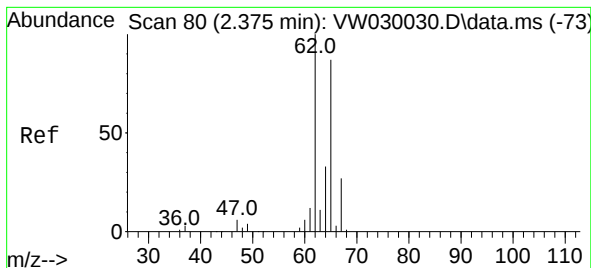
Tgt Ion: 85 Resp: 50287
 Ion Ratio Lower Upper
 85 100
 87 35.3 24.2 36.2



#3
 Chloromethane
 Concen: 17.750 ug/L
 RT: 2.229 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VW030049.D
 Acq: 27 Aug 2024 17:09

Tgt Ion: 50 Resp: 71198
 Ion Ratio Lower Upper
 50 100
 52 32.6 21.6 40.2





#5

Vinyl chloride

Concen: 15.923 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

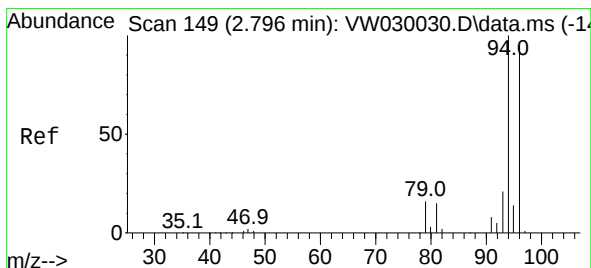
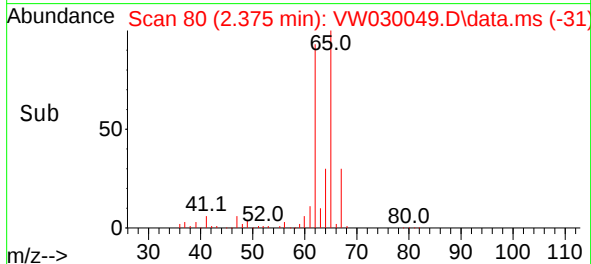
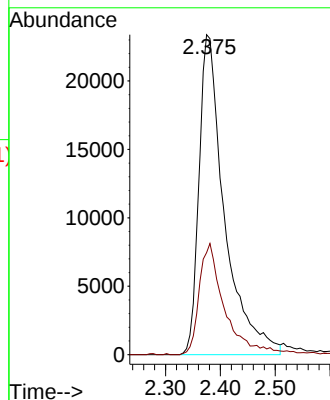
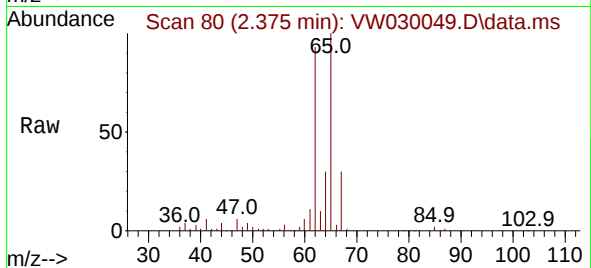
ClientSampleId :

Tgt Ion: 62 Resp: 75494

Ion Ratio Lower Upper

62 100

64 31.9 24.4 45.4



#6

Bromomethane

Concen: 15.267 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW030049.D

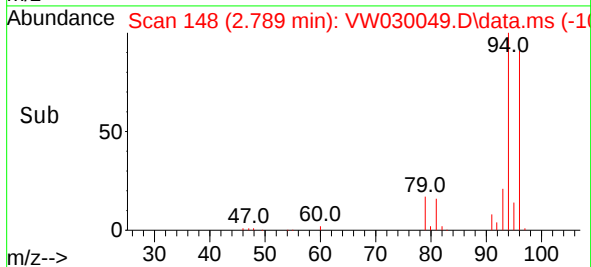
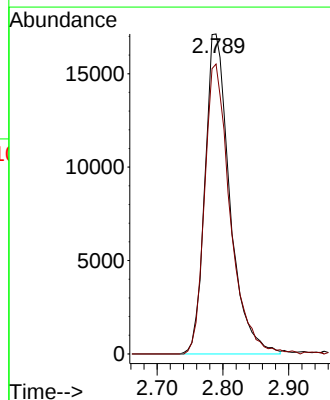
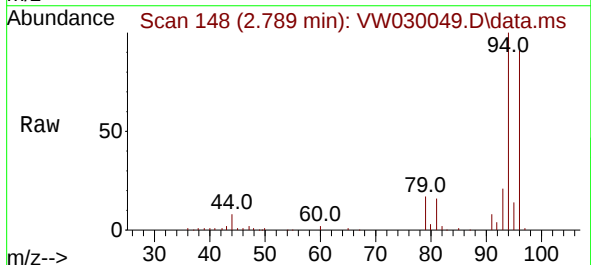
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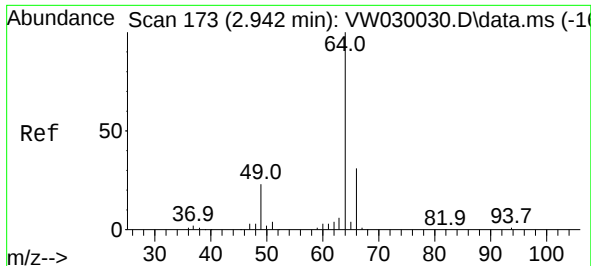
Tgt Ion: 94 Resp: 44983

Ion Ratio Lower Upper

94 100

96 90.6 62.4 115.8

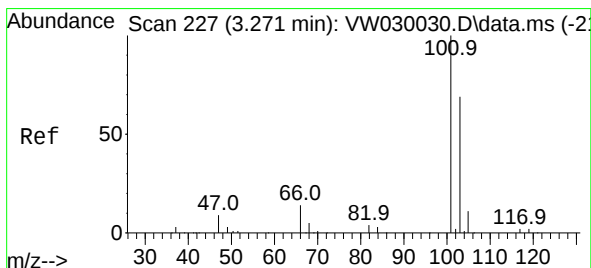
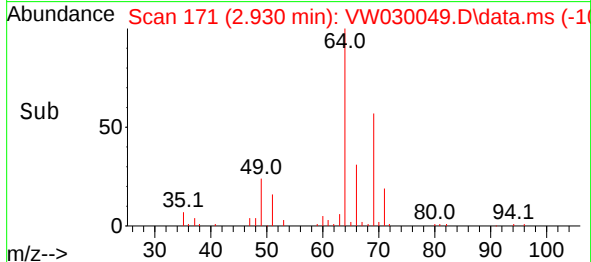
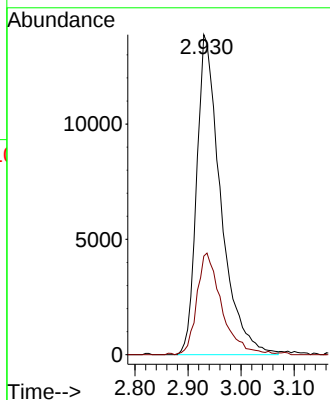
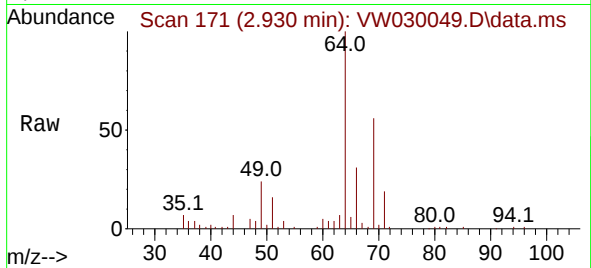




#8
Chloroethane
Concen: 15.997 ug/L
RT: 2.930 min Scan# 173
Delta R.T. -0.012 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

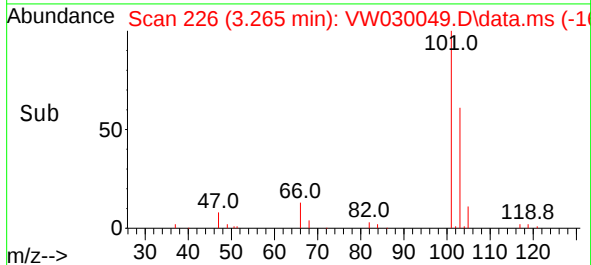
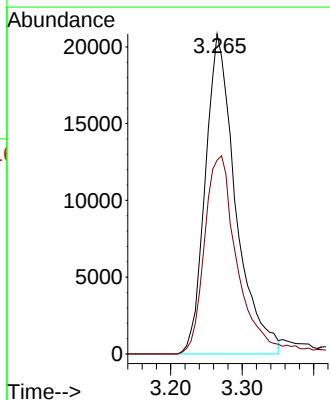
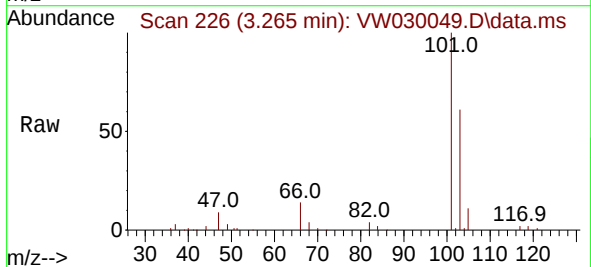
Instrument :
MSVOA_W
ClientSampleId :

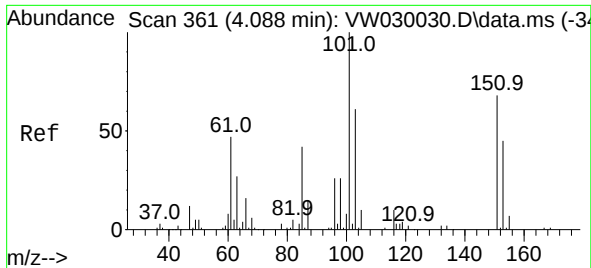
Tgt Ion: 64 Resp: 43705
Ion Ratio Lower Upper
64 100
66 30.8 21.7 40.3



#9
Trichlorofluoromethane
Concen: 14.907 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion:101 Resp: 61202
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1





#10

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

Concen: 15.144 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.018 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

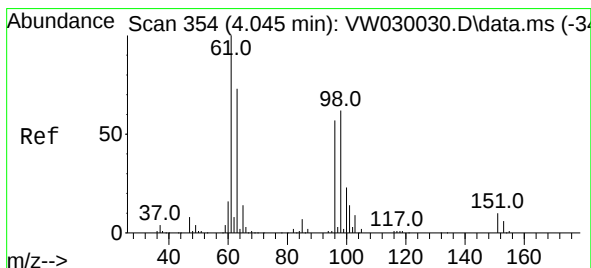
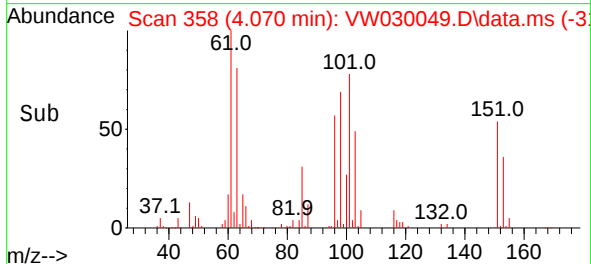
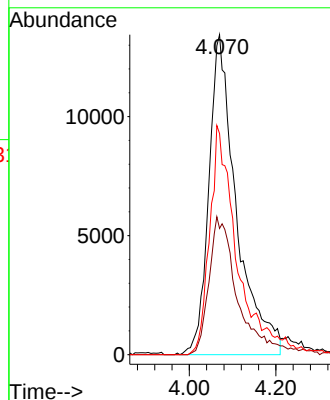
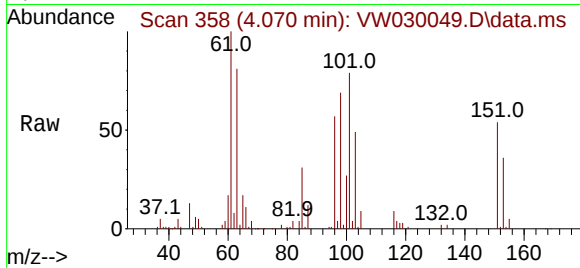
Tgt Ion:101 Resp: 59485

Ion Ratio Lower Upper

101 100

85 17.7 34.7 52.1#

151 37.6 54.8 82.2#



#12

1,1-Dichloroethene

Concen: 15.134 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

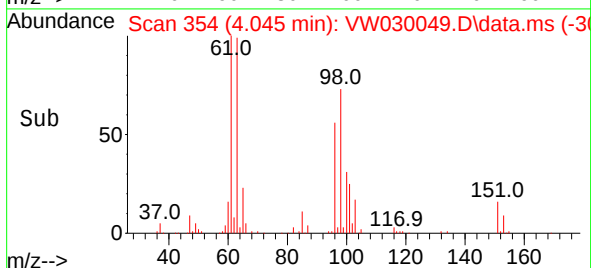
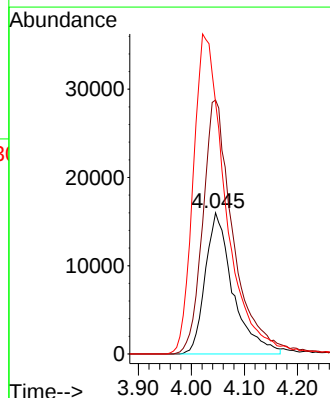
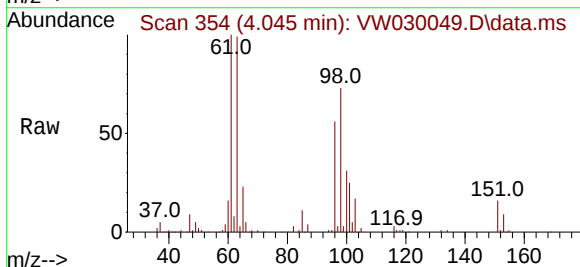
Tgt Ion: 96 Resp: 58199

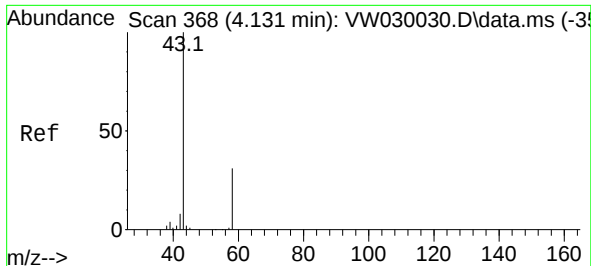
Ion Ratio Lower Upper

96 100

61 180.0 126.0 234.0

63 178.3 101.8 189.2

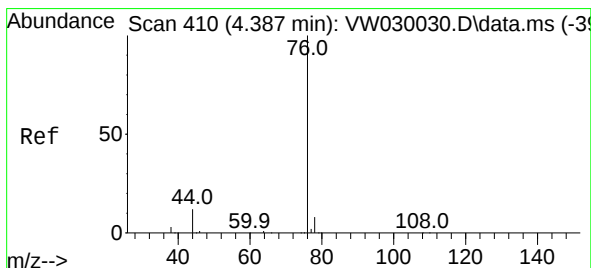
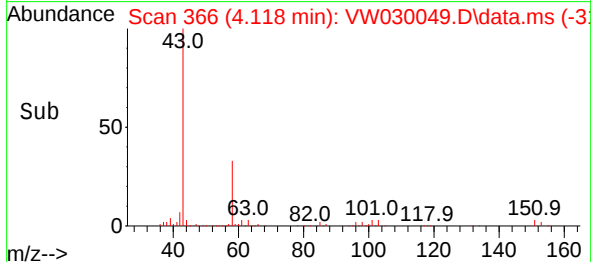
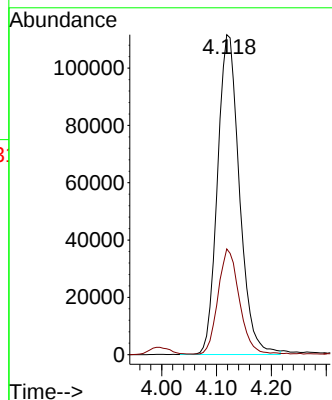
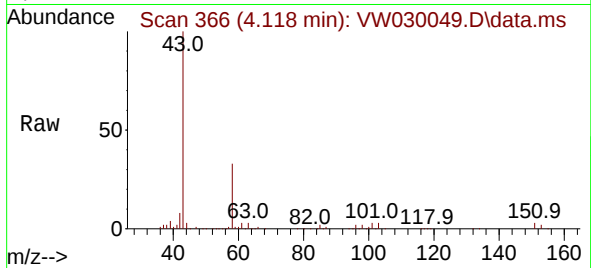




#13
Acetone
Concen: 380.995 ug/L
RT: 4.118 min Scan# 310134
Delta R.T. -0.012 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

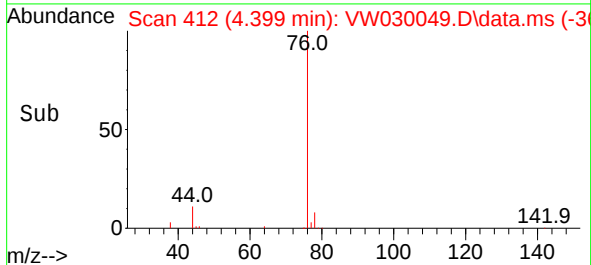
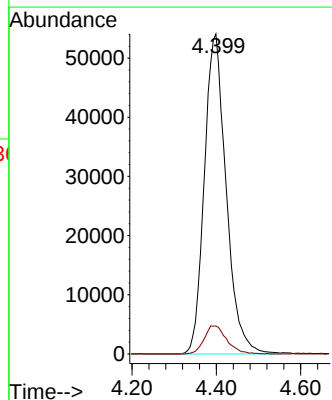
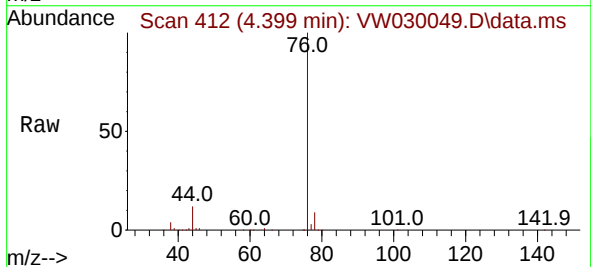
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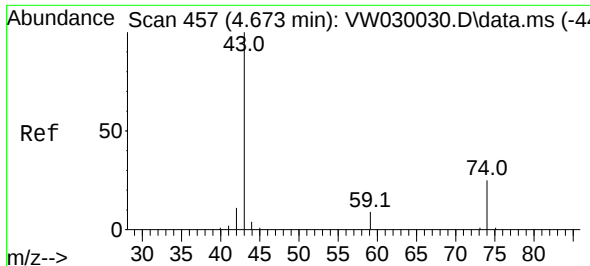
Tgt Ion: 43 Resp: 310134
Ion Ratio Lower Upper
43 100
58 32.1 0.0 66.4



#14
Carbon disulfide
Concen: 16.300 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.012 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion: 76 Resp: 194457
Ion Ratio Lower Upper
76 100
78 8.7 6.6 9.8

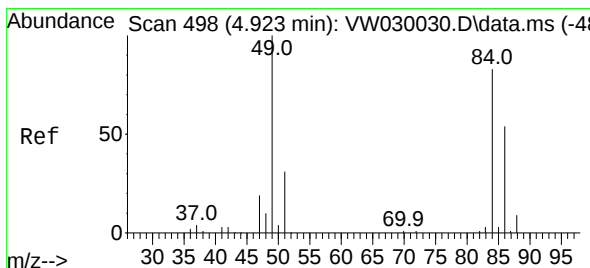
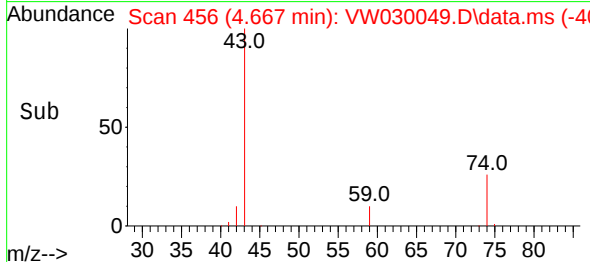
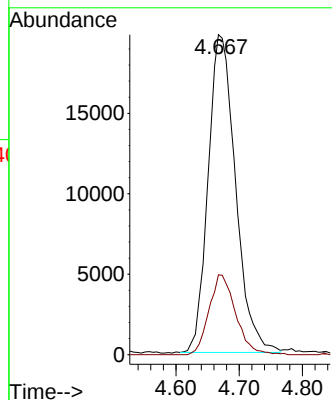
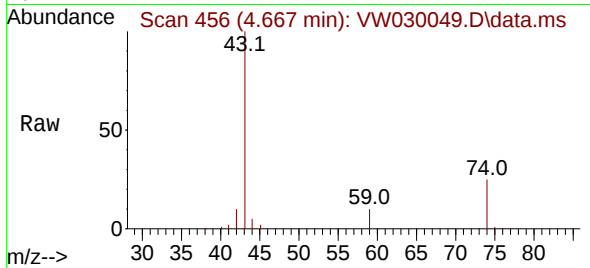




#15
Methyl Acetate
Concen: 37.486 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

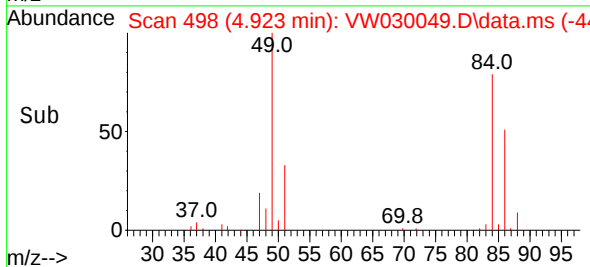
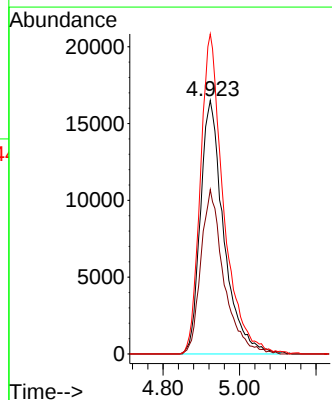
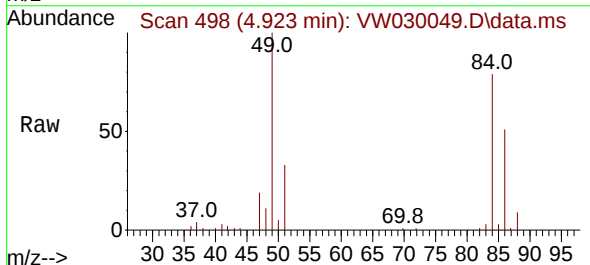
Instrument :
MSVOA_W
ClientSampleId :

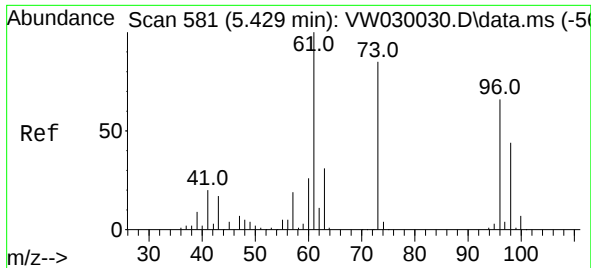
Tgt Ion: 43 Resp: 59492
Ion Ratio Lower Upper
43 100
74 24.4 19.9 29.9



#16
Methylene chloride
Concen: 14.122 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion: 84 Resp: 69989
Ion Ratio Lower Upper
84 100
86 64.8 44.2 82.2
49 126.2 79.9 148.3





#17

trans-1,2-Dichloroethene

Concen: 15.311 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

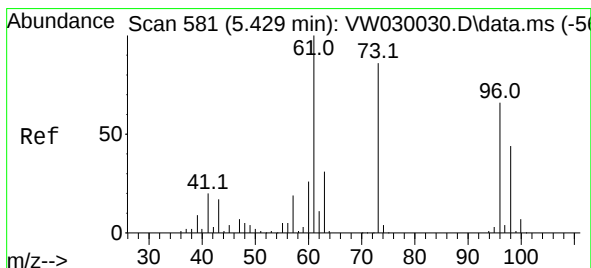
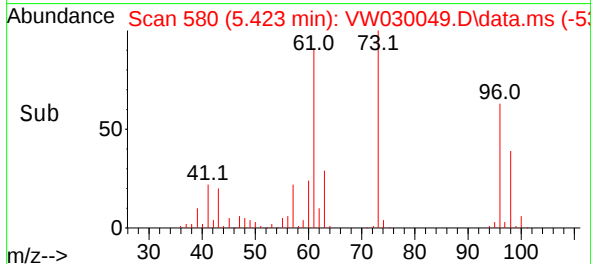
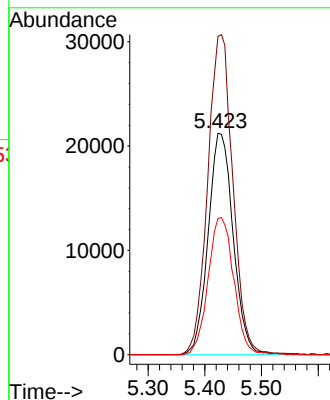
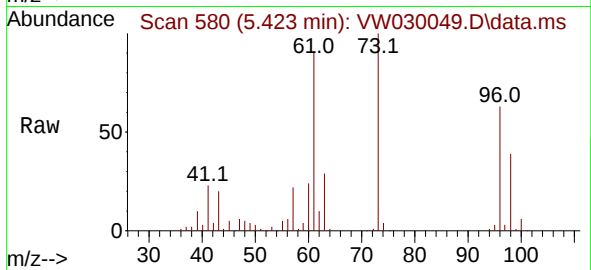
Tgt Ion: 96 Resp: 65118

Ion Ratio Lower Upper

96 100

61 143.8 98.3 182.7

98 61.5 45.3 84.1



#18

Methyl tert-butyl Ether

Concen: 17.850 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

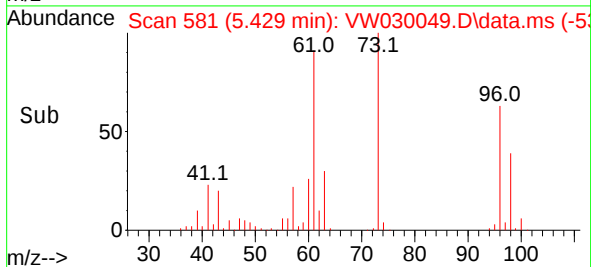
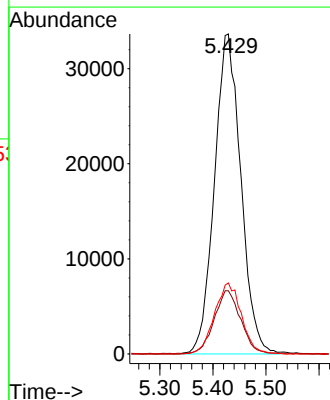
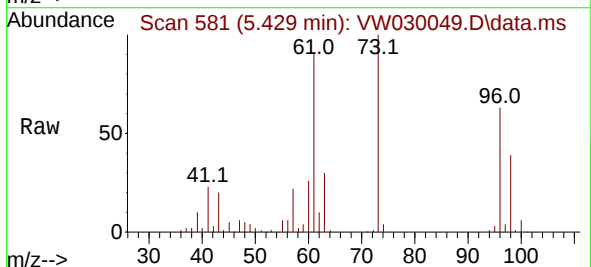
Tgt Ion: 73 Resp: 116096

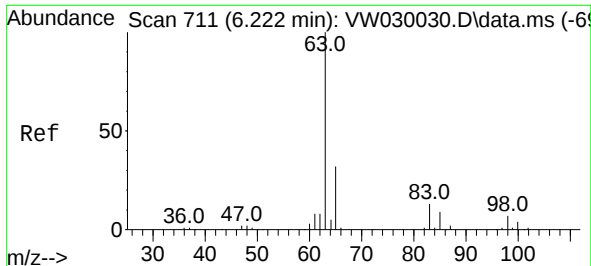
Ion Ratio Lower Upper

73 100

43 19.9 15.4 23.2

57 22.6 17.4 26.0





#19

1,1-Dichloroethane

Concen: 16.180 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

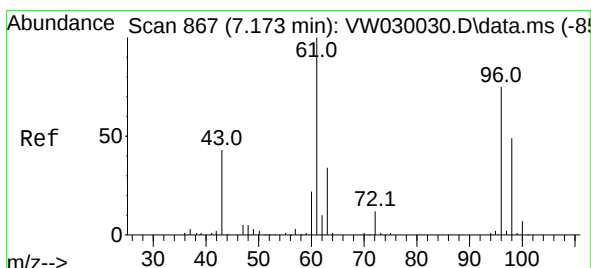
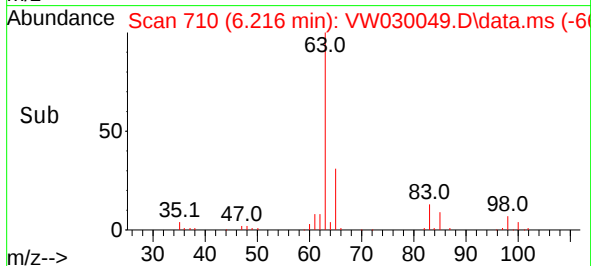
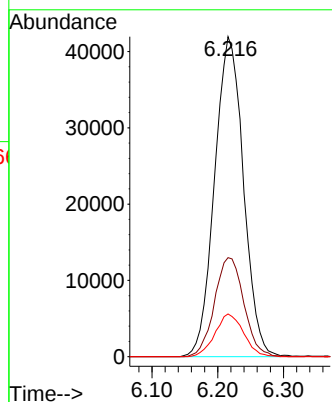
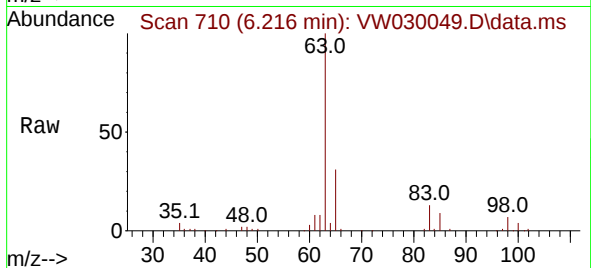
Tgt Ion: 63 Resp: 127869

Ion Ratio Lower Upper

63 100

65 30.9 21.6 40.0

83 13.4 9.7 17.9



#20

cis-1,2-Dichloroethene

Concen: 15.368 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

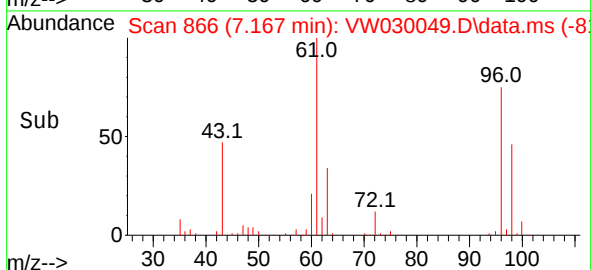
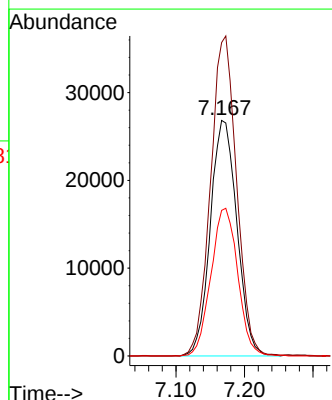
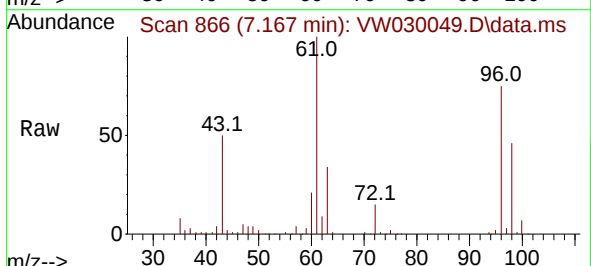
Tgt Ion: 96 Resp: 72239

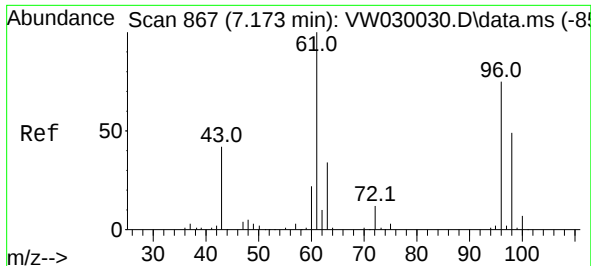
Ion Ratio Lower Upper

96 100

61 133.1 99.6 185.0

98 61.8 46.5 86.5





#22

2-Butanone

Concen: 43.944 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

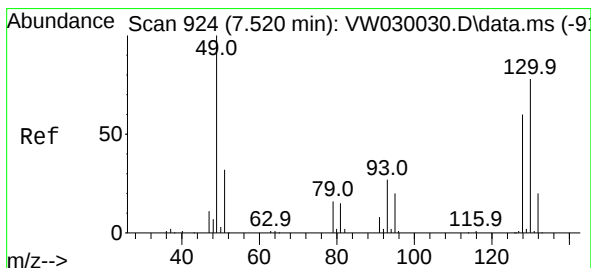
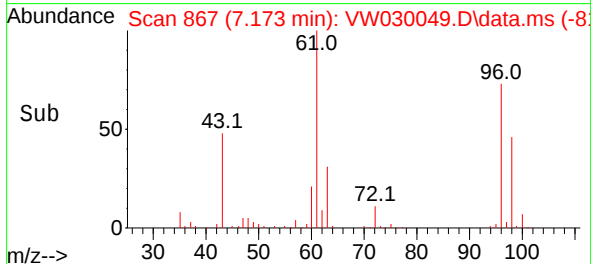
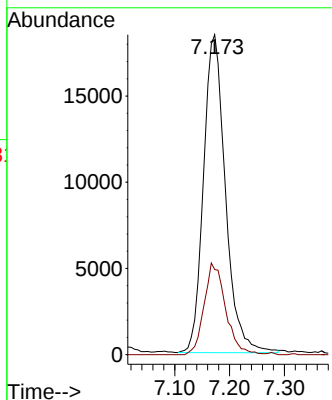
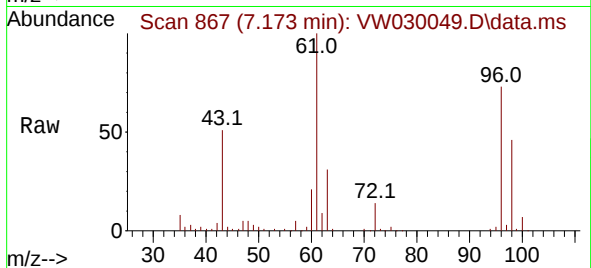
ClientSampleId :

Tgt Ion: 43 Resp: 51186

Ion Ratio Lower Upper

43 100

72 28.2 15.0 45.1



#23

Bromochloromethane

Concen: 15.600 ug/L

RT: 7.520 min Scan# 924

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Tgt Ion: 128 Resp: 31103

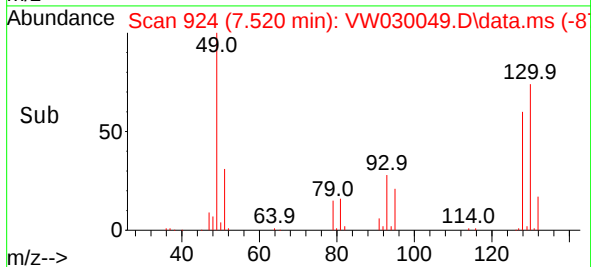
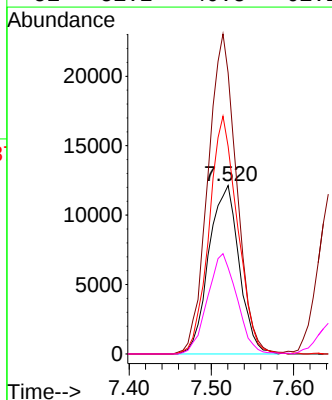
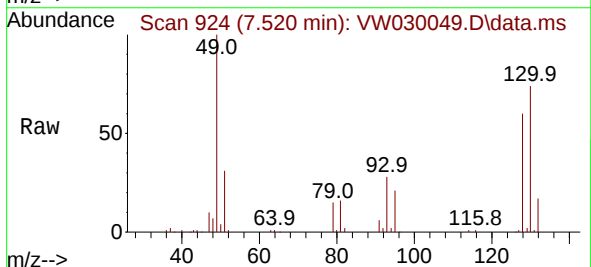
Ion Ratio Lower Upper

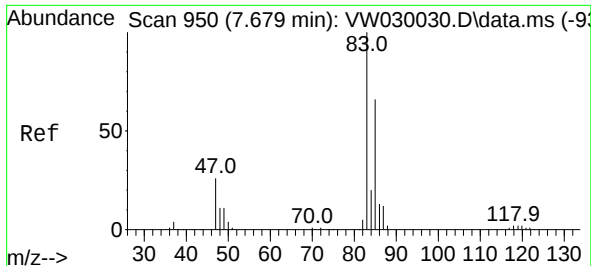
128 100

49 166.8 117.3 217.9

130 123.2 89.3 165.9

51 51.2 40.8 61.2





#25

Chloroform

Concen: 15.644 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

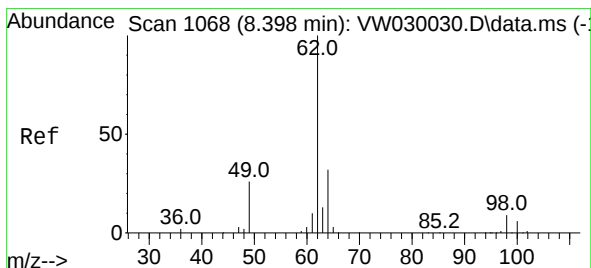
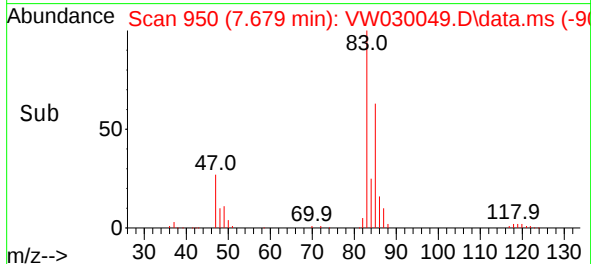
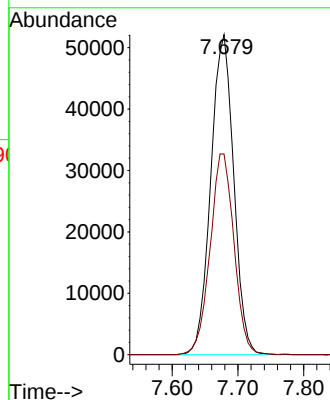
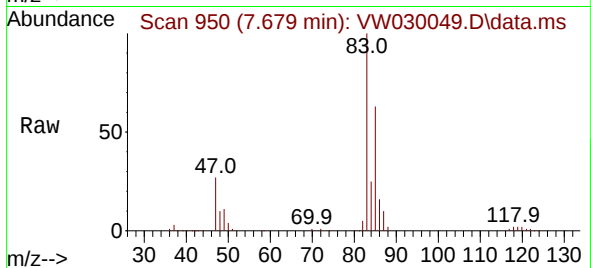
ClientSampleId :

Tgt Ion: 83 Resp: 126462

Ion Ratio Lower Upper

83 100

85 62.7 44.4 82.4



#27

1,2-Dichloroethane

Concen: 16.787 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW030049.D

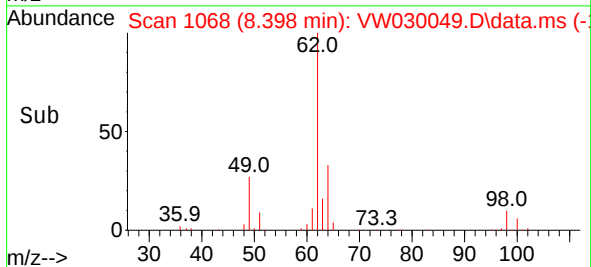
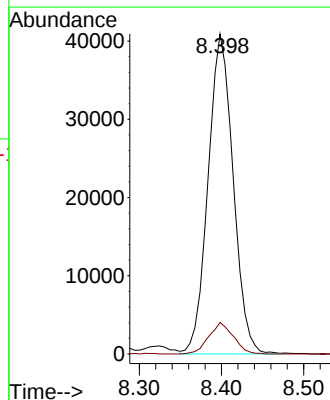
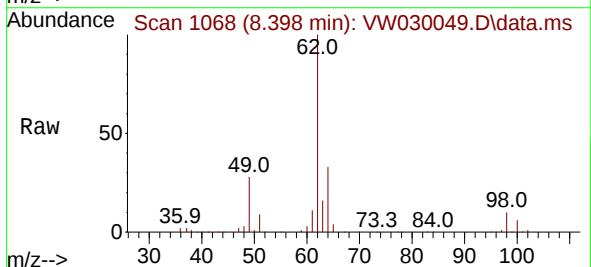
Acq: 27 Aug 2024 17:09

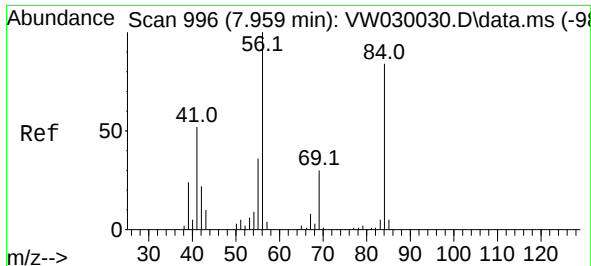
Tgt Ion: 62 Resp: 86863

Ion Ratio Lower Upper

62 100

98 9.8 7.7 11.5





#29

Cyclohexane

Concen: 18.037 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

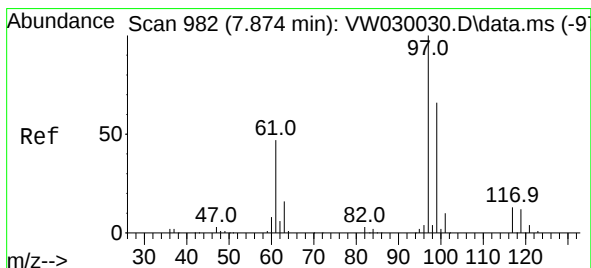
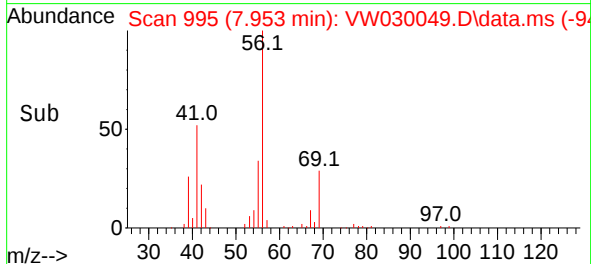
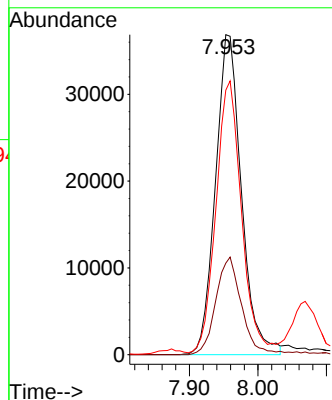
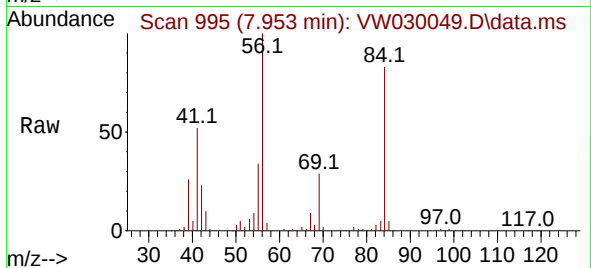
Tgt Ion: 56 Resp: 96816

Ion Ratio Lower Upper

56 100

69 30.1 24.4 36.6

84 83.6 68.1 102.1



#30

1,1,1-Trichloroethane

Concen: 18.367 ug/L

RT: 7.868 min Scan# 981

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

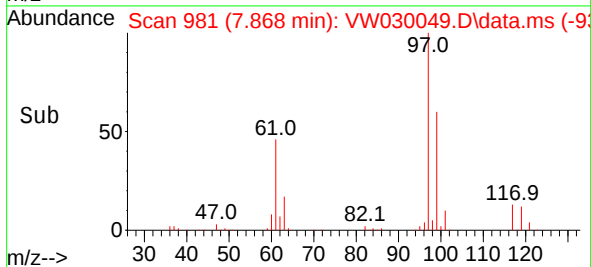
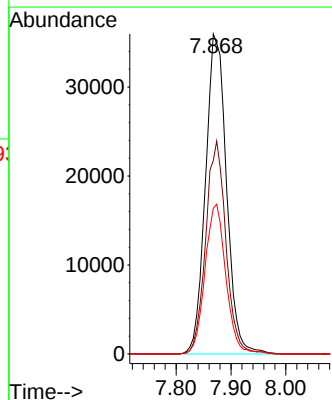
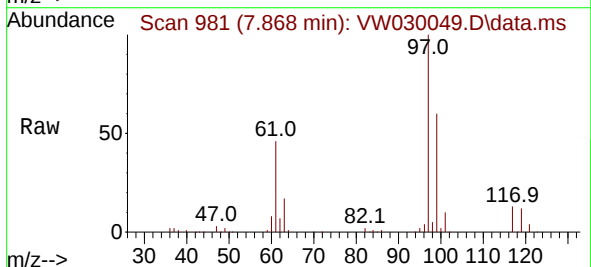
Tgt Ion: 97 Resp: 95629

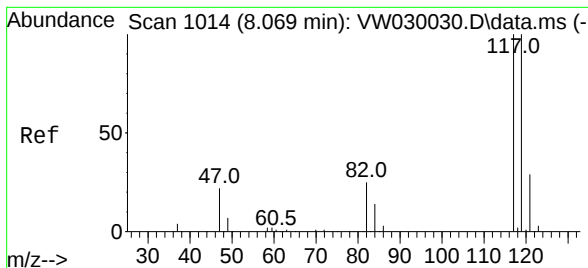
Ion Ratio Lower Upper

97 100

99 63.8 51.7 77.5

61 46.3 37.2 55.8





#31

Carbon tetrachloride

Concen: 17.586 ug/L

RT: 8.075 min Scan# 1014

Delta R.T. 0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

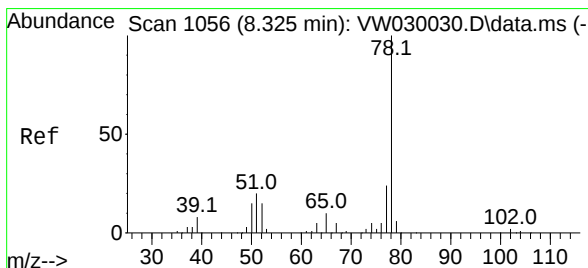
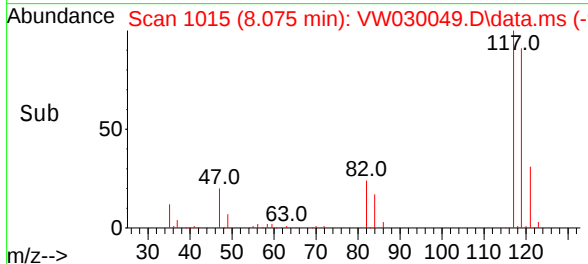
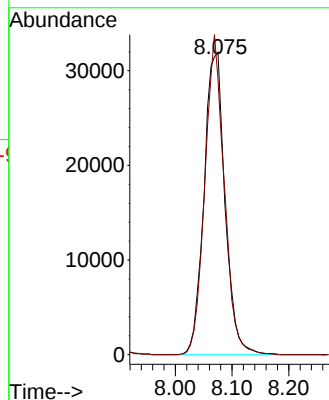
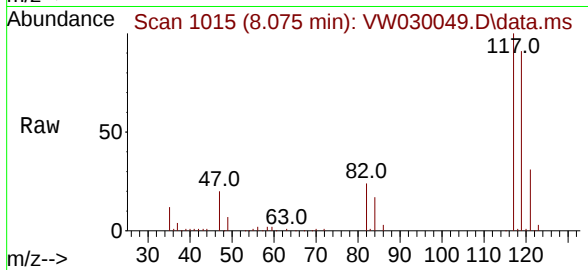
ClientSampleId :

Tgt Ion:117 Resp: 82264

Ion Ratio Lower Upper

117 100

119 97.6 77.7 116.5



#33

Benzene

Concen: 18.927 ug/L

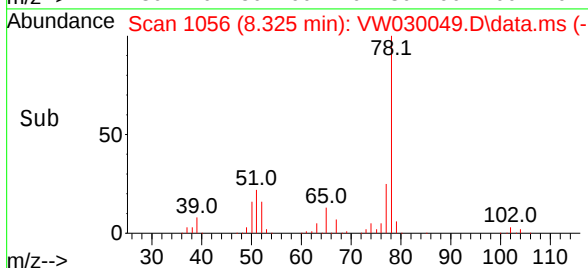
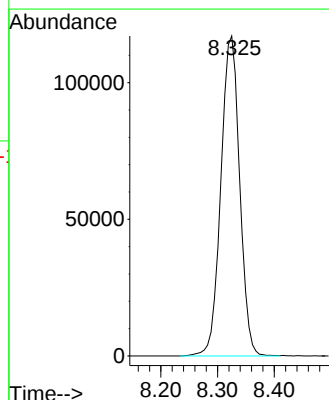
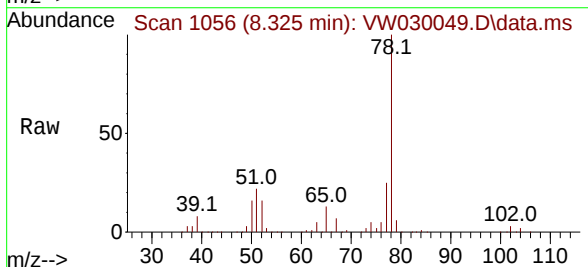
RT: 8.325 min Scan# 1056

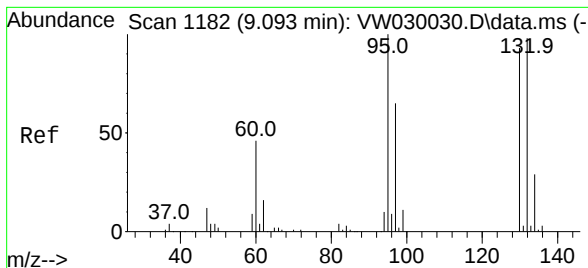
Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Tgt Ion: 78 Resp: 269575





#34

Trichloroethene

Concen: 17.207 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 65990

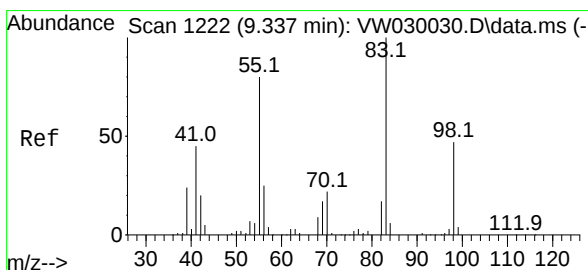
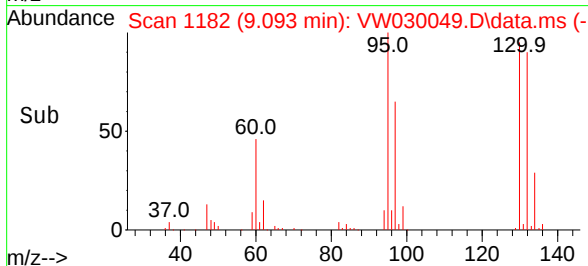
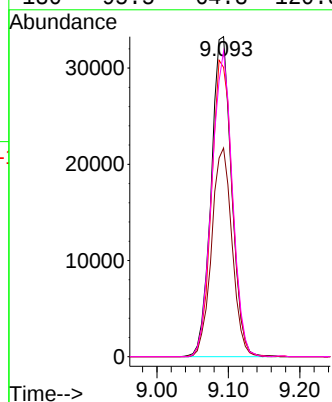
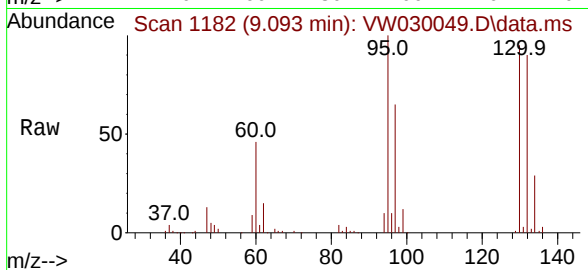
Ion Ratio Lower Upper

95 100

97 65.2 43.3 80.5

132 90.4 63.6 118.0

130 95.5 64.8 120.3



#35

Methylcyclohexane

Concen: 15.246 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

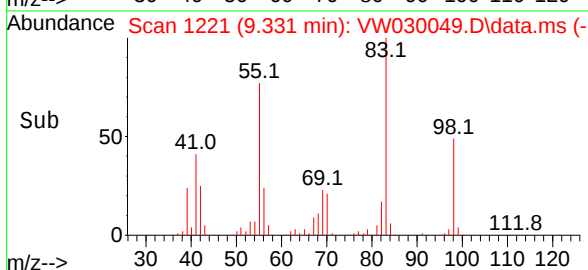
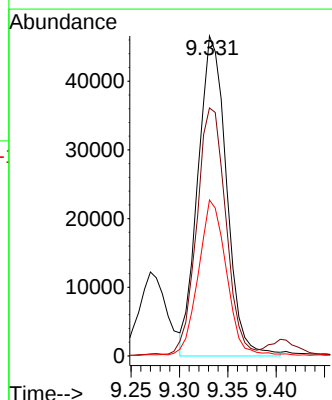
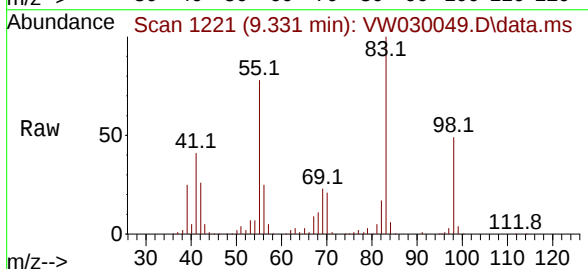
Tgt Ion: 83 Resp: 95763

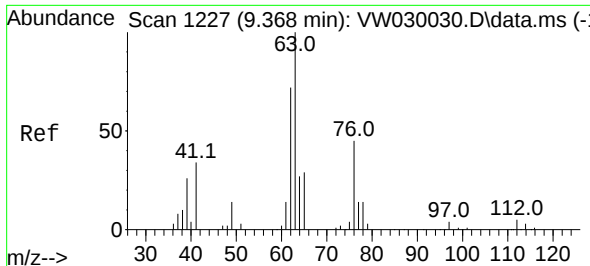
Ion Ratio Lower Upper

83 100

55 79.2 59.0 88.6

98 46.6 38.2 57.4





#37

1,2-Dichloropropane

Concen: 19.891 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

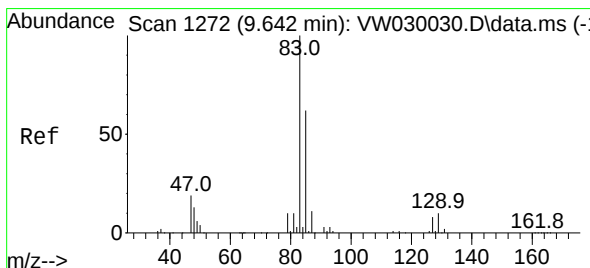
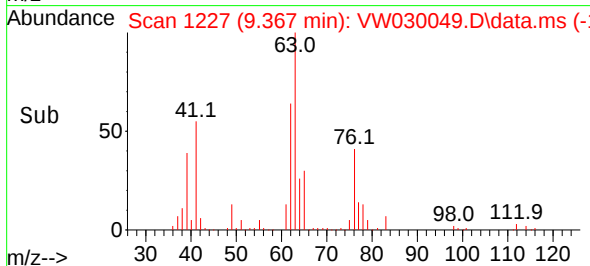
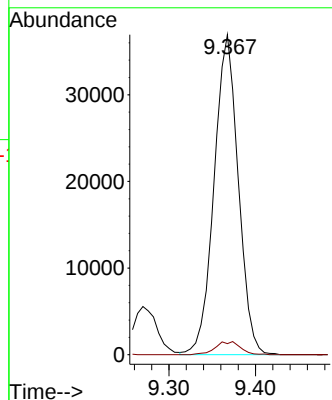
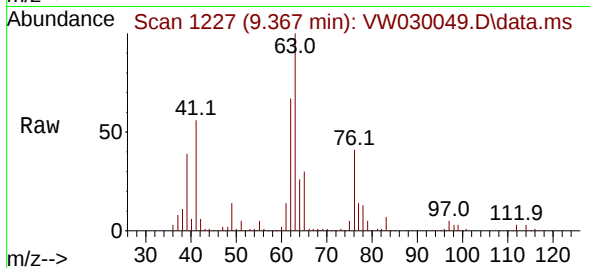
ClientSampleId :

Tgt Ion: 63 Resp: 71739

Ion Ratio Lower Upper

63 100

112 4.3 3.7 5.5



#38

Bromodichloromethane

Concen: 19.083 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

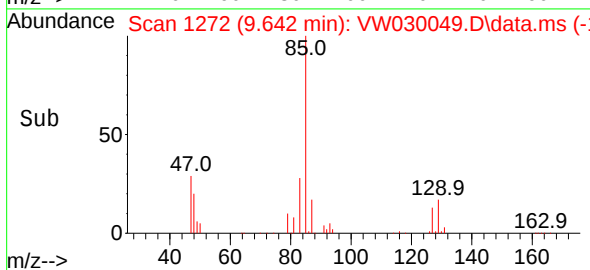
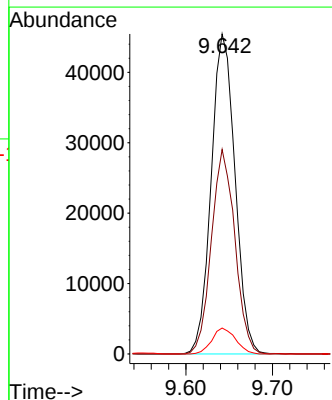
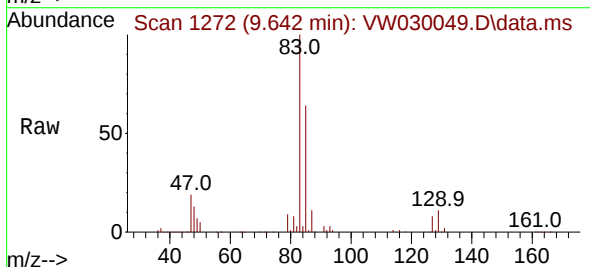
Tgt Ion: 83 Resp: 86840

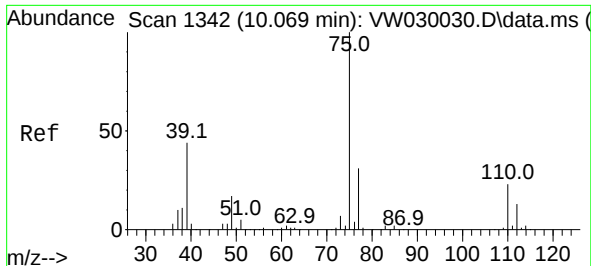
Ion Ratio Lower Upper

83 100

85 63.9 42.9 79.7

127 8.1 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 19.169 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

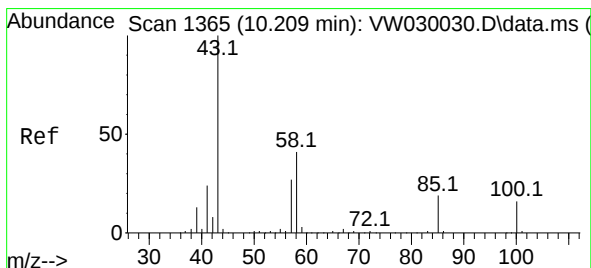
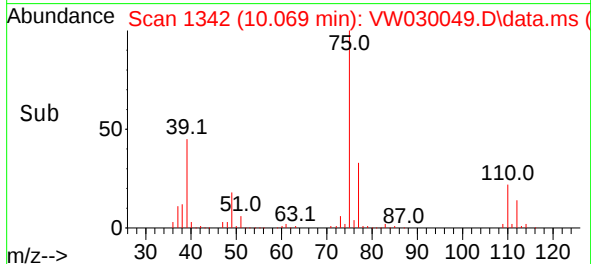
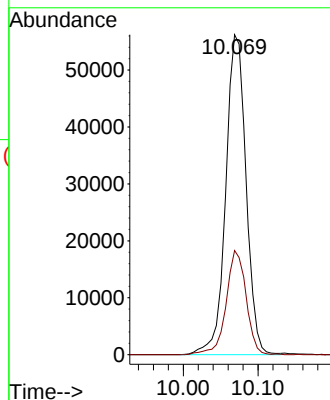
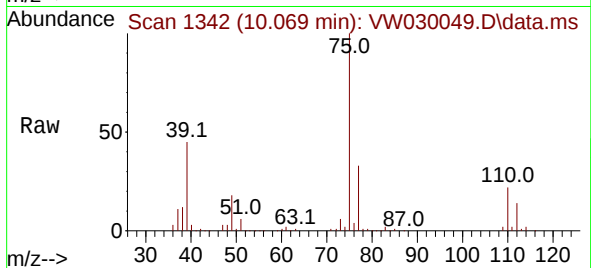
ClientSampleId :

Tgt Ion: 75 Resp: 106412

Ion Ratio Lower Upper

75 100

77 32.6 22.8 42.4



#40

4-Methyl-2-pentanone

Concen: 56.418 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

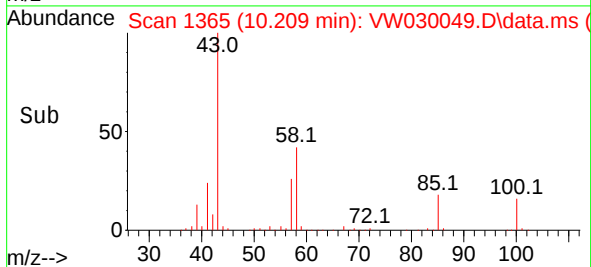
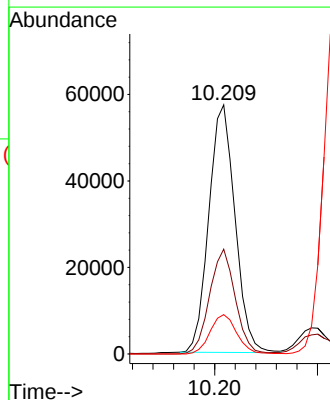
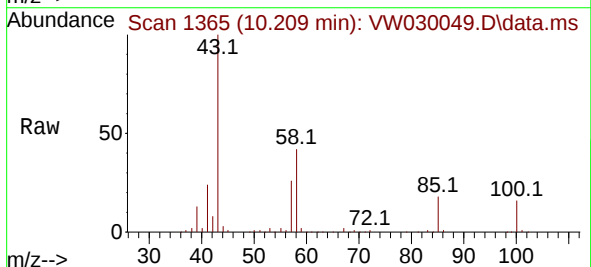
Tgt Ion: 43 Resp: 101288

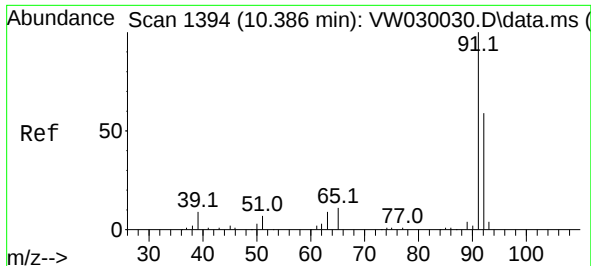
Ion Ratio Lower Upper

43 100

58 41.5 34.0 51.0

100 16.3 13.5 20.3





#42

Toluene

Concen: 20.171 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

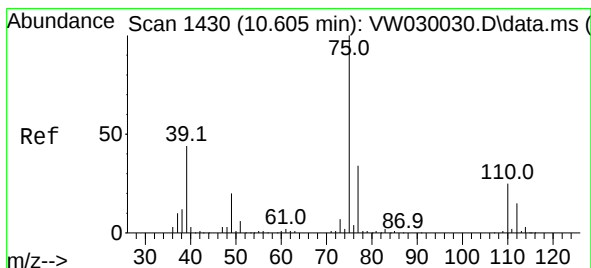
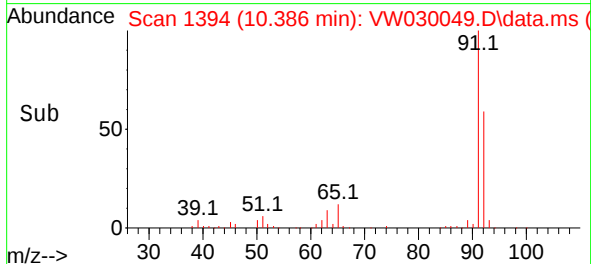
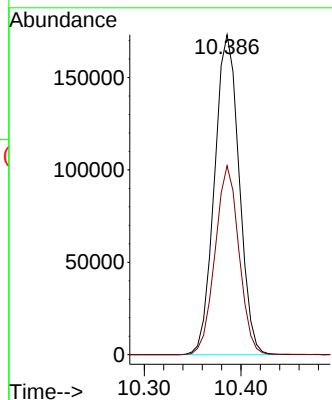
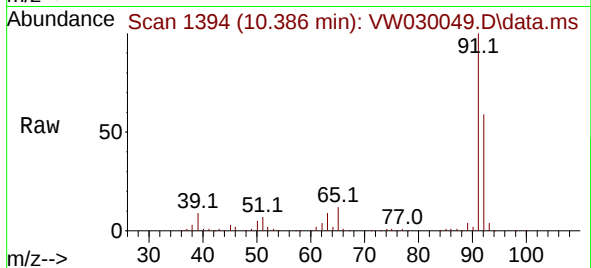
ClientSampleId :

Tgt Ion: 91 Resp: 305939

Ion Ratio Lower Upper

91 100

92 59.1 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 19.330 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW030049.D

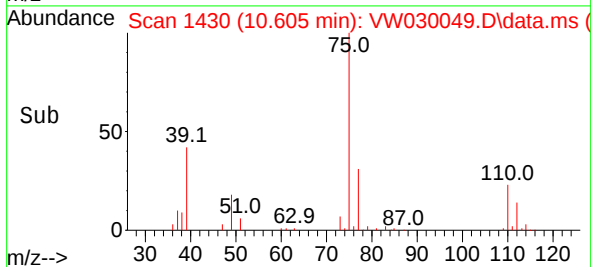
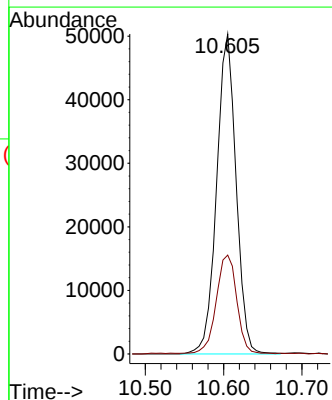
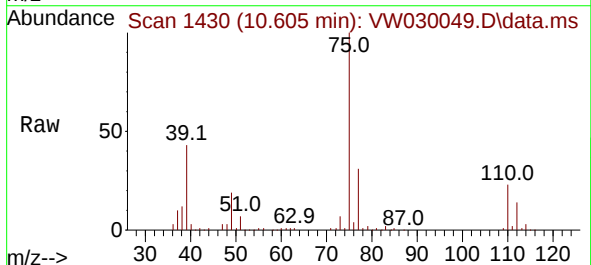
Acq: 27 Aug 2024 17:09

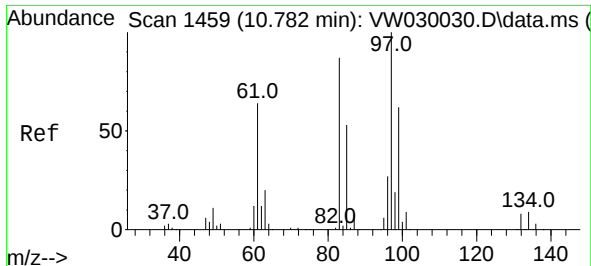
Tgt Ion: 75 Resp: 86830

Ion Ratio Lower Upper

75 100

77 30.9 22.0 40.8





#45

1,1,2-Trichloroethane

Concen: 19.539 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 51650

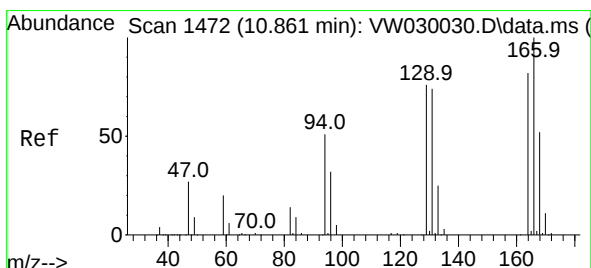
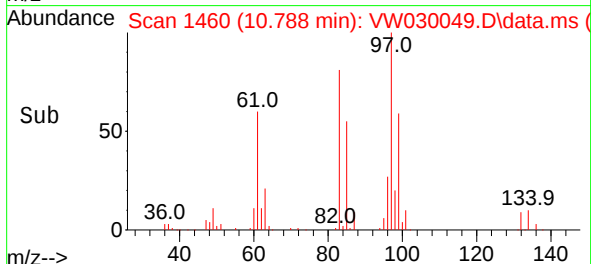
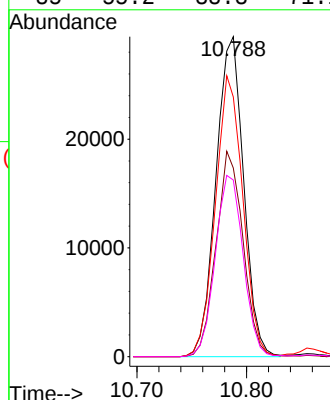
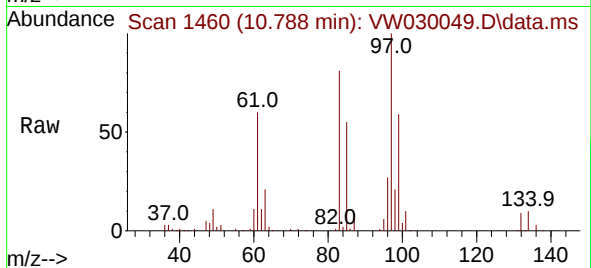
Ion Ratio Lower Upper

97 100

99 58.9 40.3 74.8

83 81.1 58.0 107.6

85 55.2 38.3 71.1



#46

Tetrachloroethene

Concen: 14.405 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Tgt Ion:164 Resp: 41931

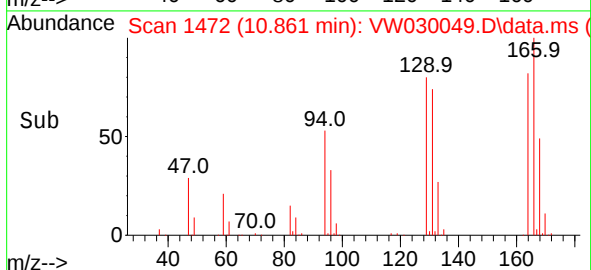
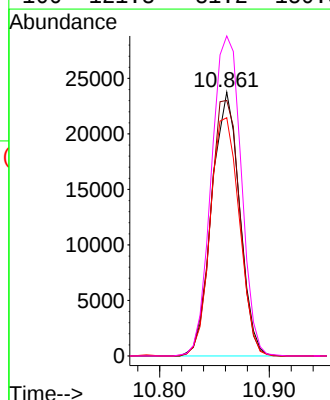
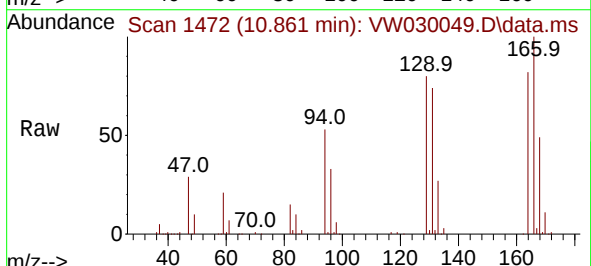
Ion Ratio Lower Upper

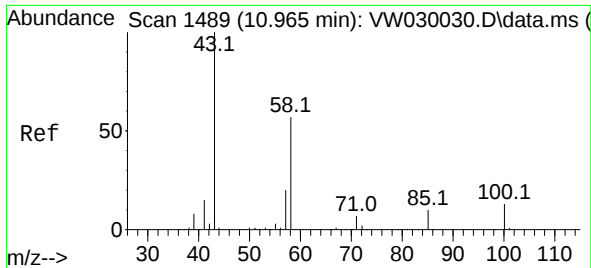
164 100

129 96.9 66.1 122.7

131 90.3 62.6 116.2

166 121.3 81.2 150.8





#48

2-Hexanone

Concen: 57.889 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

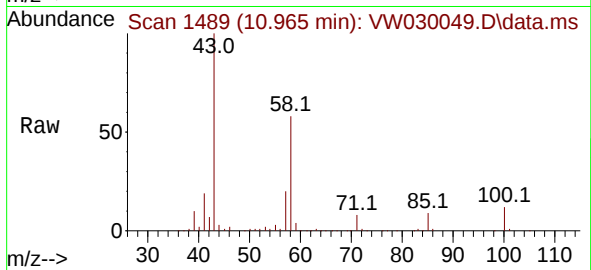
Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 73883

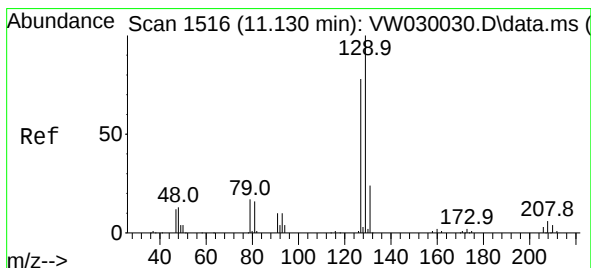
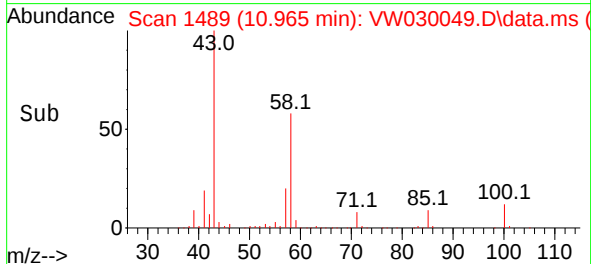
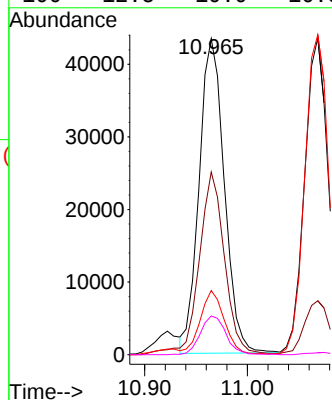
Ion Ratio Lower Upper

43 100

58 58.7 50.0 75.0

57 19.1 17.3 25.9

100 12.5 10.9 16.3



#49

Dibromochloromethane

Concen: 18.003 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW030049.D

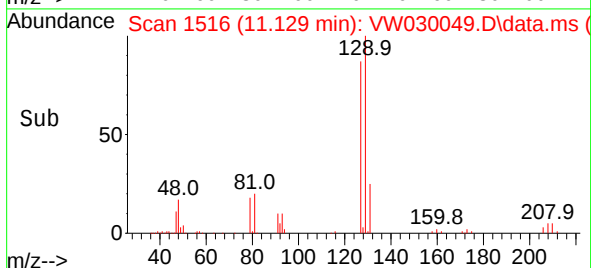
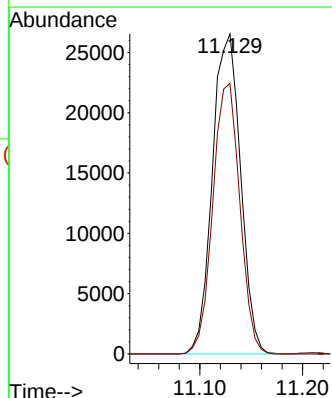
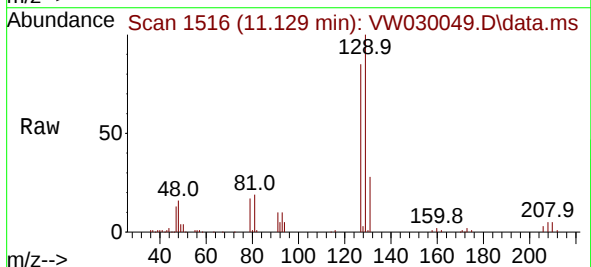
Acq: 27 Aug 2024 17:09

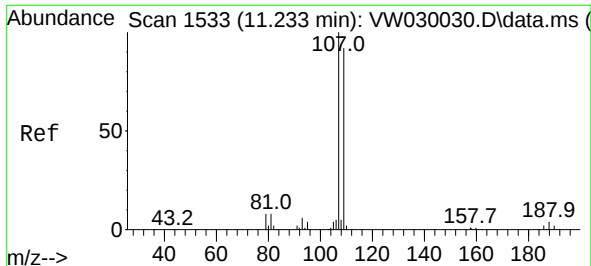
Tgt Ion:129 Resp: 50567

Ion Ratio Lower Upper

129 100

127 84.6 51.8 96.2





#50

1,2-Dibromoethane

Concen: 20.433 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

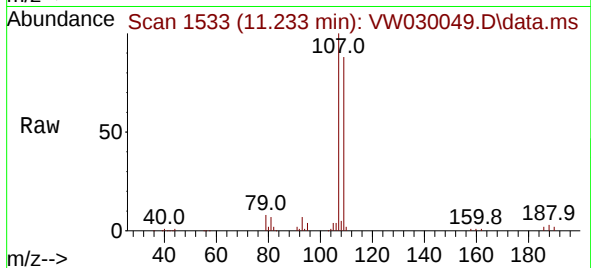
Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

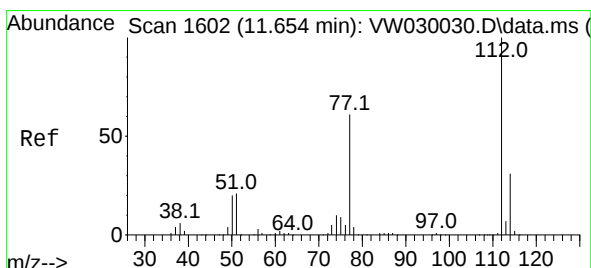
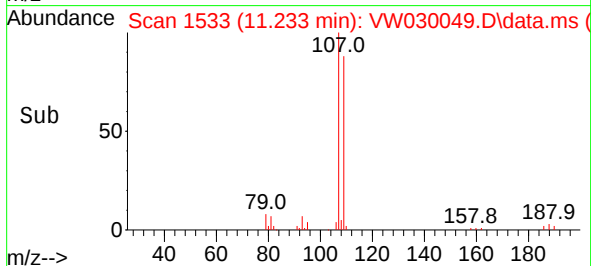
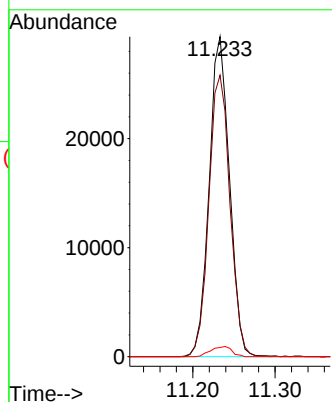
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	50454
Ion Ratio	Lower	Upper	
107	100		
109	88.0	61.7	114.5
188	2.9	3.1	4.7#



#51

Chlorobenzene

Concen: 14.947 ug/L

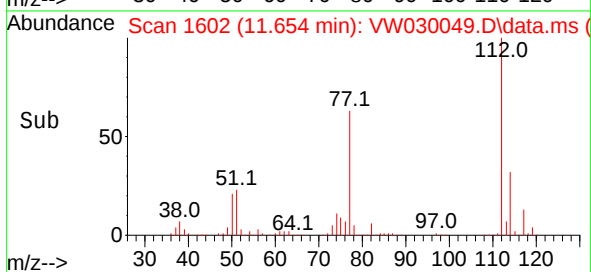
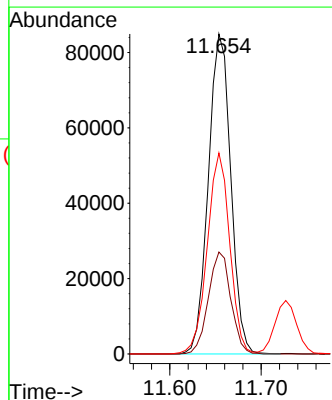
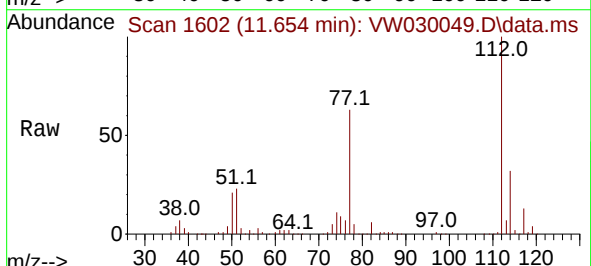
RT: 11.654 min Scan# 1602

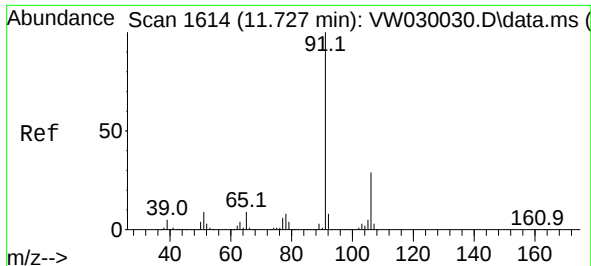
Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Tgt Ion:	112	Resp:	144952
Ion Ratio	Lower	Upper	
112	100		
114	31.9	20.9	38.9
77	62.8	47.1	70.7





#52

Ethylbenzene

Concen: 15.406 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

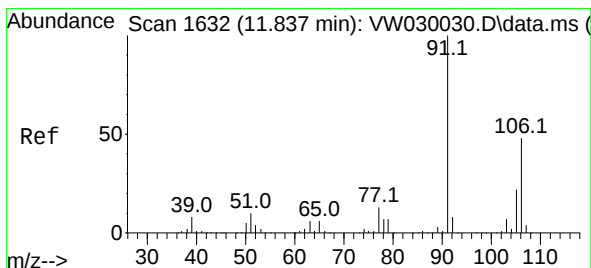
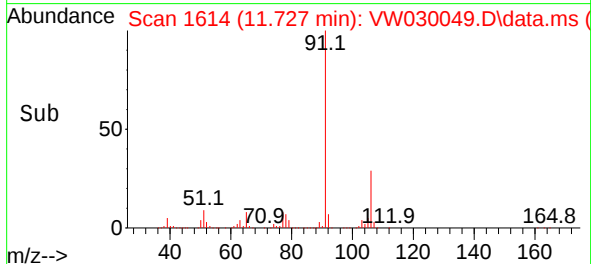
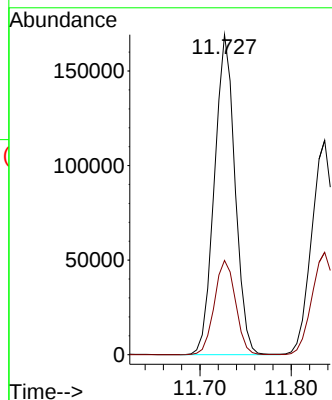
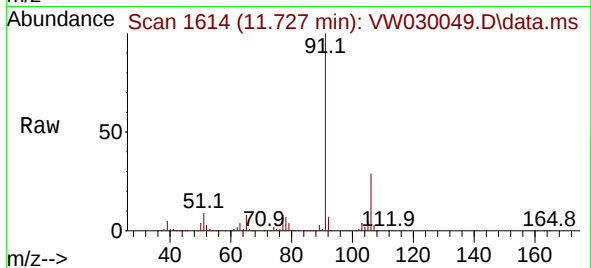
ClientSampleId :

Tgt Ion: 91 Resp: 264757

Ion Ratio Lower Upper

91 100

106 29.5 22.0 41.0



#53

m,p-Xylene

Concen: 15.200 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW030049.D

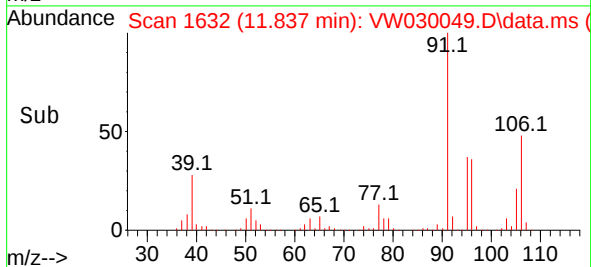
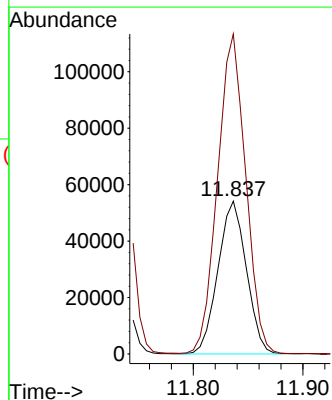
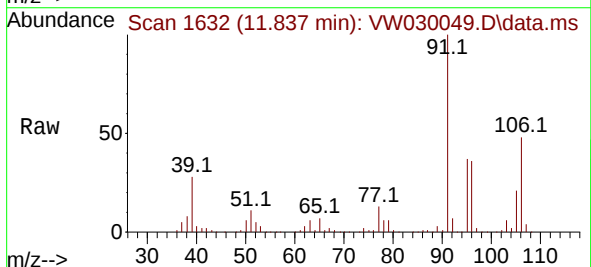
Acq: 27 Aug 2024 17:09

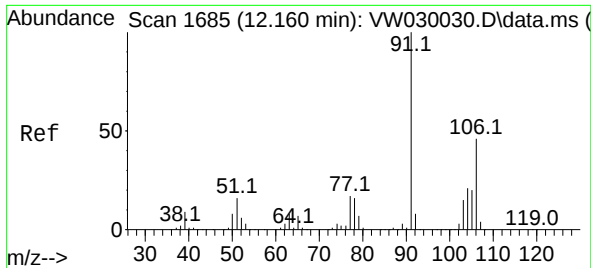
Tgt Ion:106 Resp: 97483

Ion Ratio Lower Upper

106 100

91 209.4 146.7 272.4

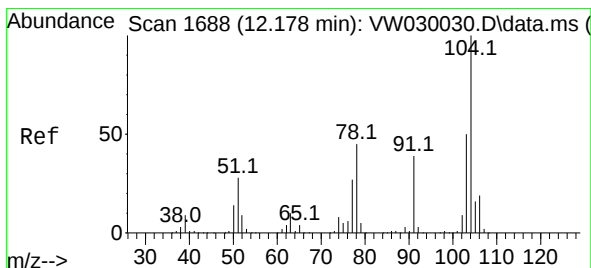
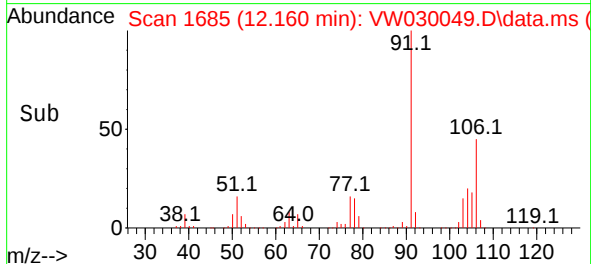
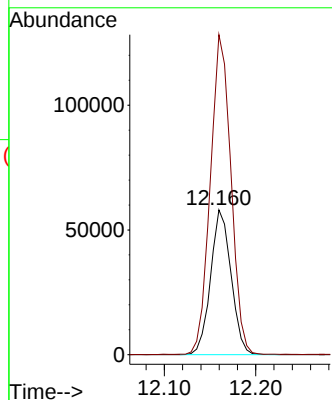
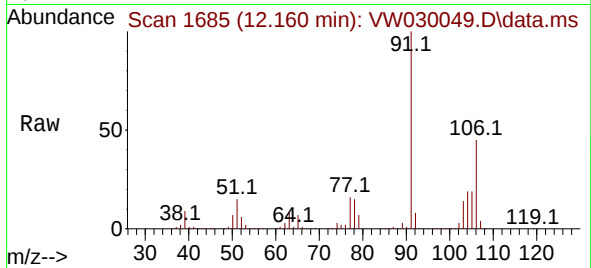




#54
o-Xylene
Concen: 14.647 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

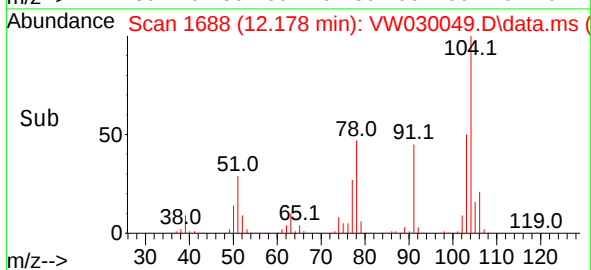
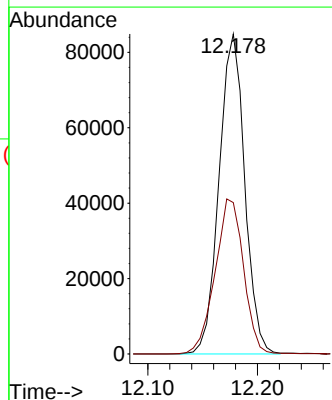
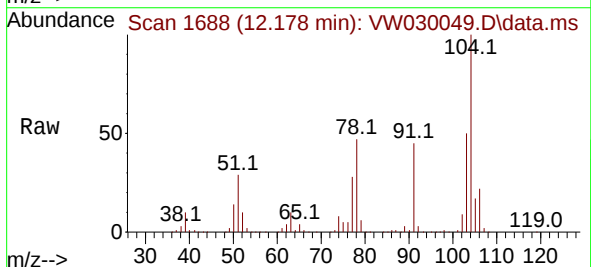
Instrument :
MSVOA_W
ClientSampleId :

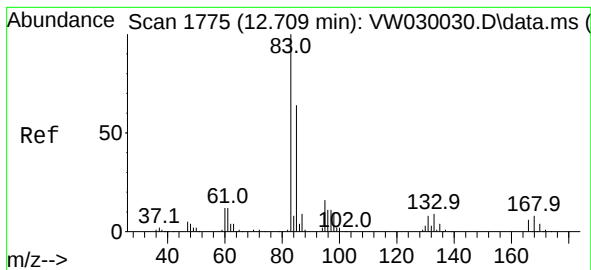
Tgt Ion:106 Resp: 90159
Ion Ratio Lower Upper
106 100
91 221.0 153.9 285.7



#55
Styrene
Concen: 13.376 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion:104 Resp: 137955
Ion Ratio Lower Upper
104 100
78 47.3 32.8 60.8

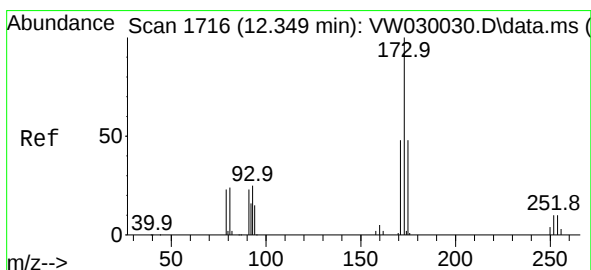
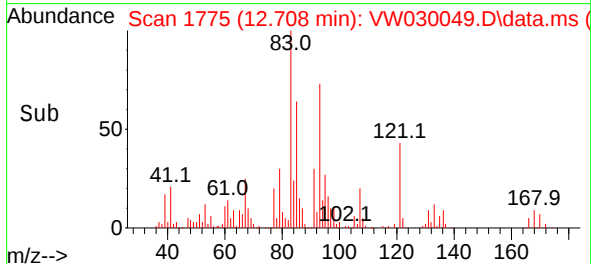
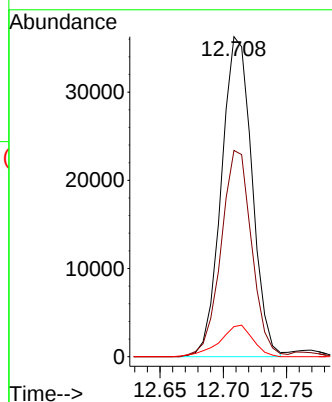
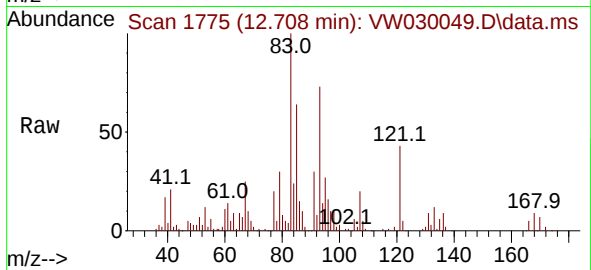




#57
1,1,2,2-Tetrachloroethane
Concen: 20.492 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

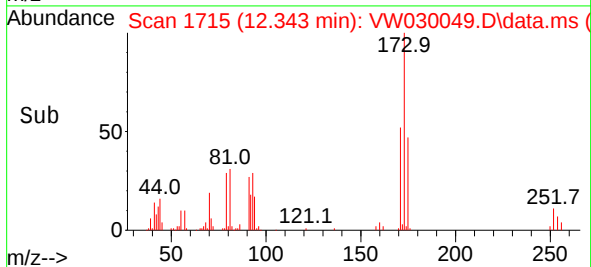
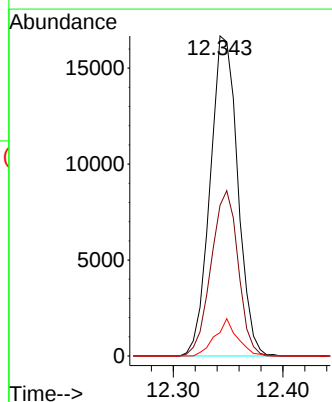
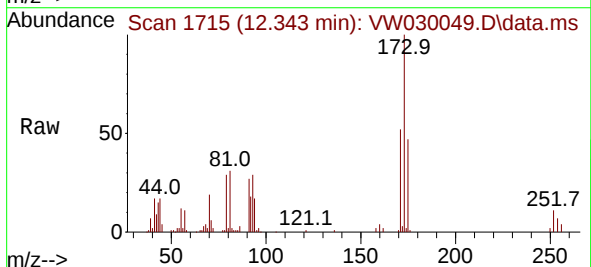
Instrument :
MSVOA_W
ClientSampleId :

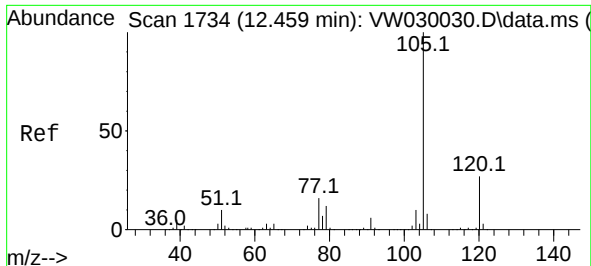
Tgt Ion: 83 Resp: 61002
Ion Ratio Lower Upper
83 100
85 64.5 44.0 81.8
131 9.4 7.3 10.9



#59
Bromoform
Concen: 26.294 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion: 173 Resp: 29197
Ion Ratio Lower Upper
173 100
175 50.5 41.4 62.2
254 9.3 8.6 13.0





#60

Isopropylbenzene

Concen: 21.627 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :

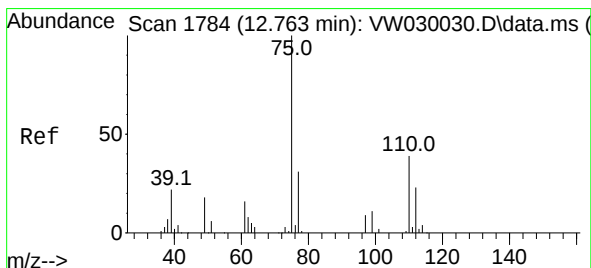
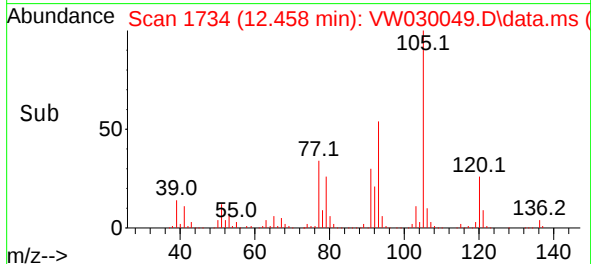
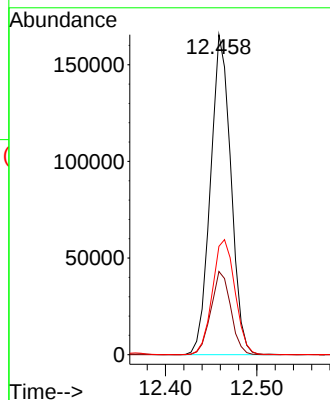
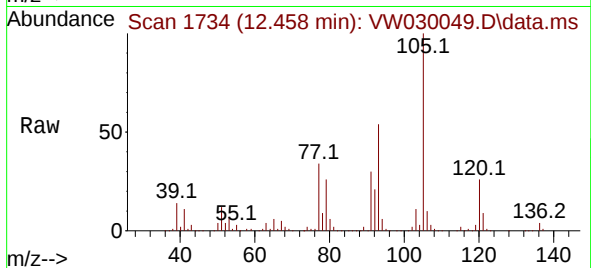
Tgt Ion:105 Resp: 257278

Ion Ratio Lower Upper

105 100

120 25.2 20.6 30.8

77 39.9 12.6 18.8#



#61

1,2,3-Trichloropropane

Concen: 30.250 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

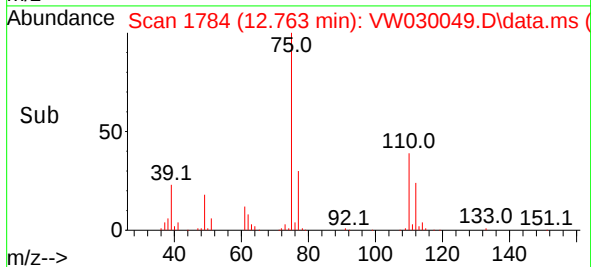
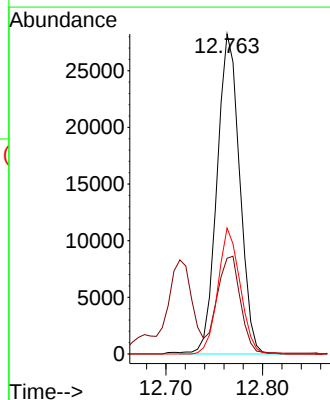
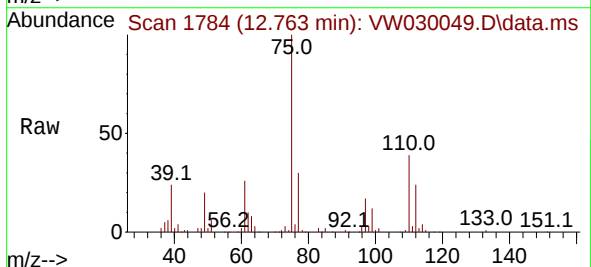
Tgt Ion: 75 Resp: 45863

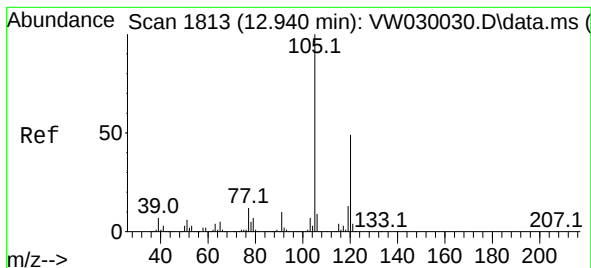
Ion Ratio Lower Upper

75 100

77 31.1 26.0 39.0

110 38.4 31.0 46.4

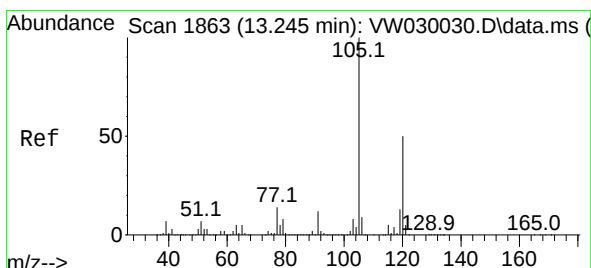
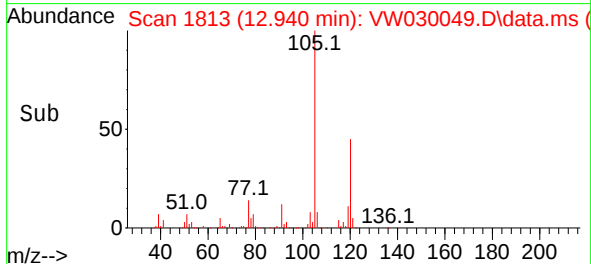
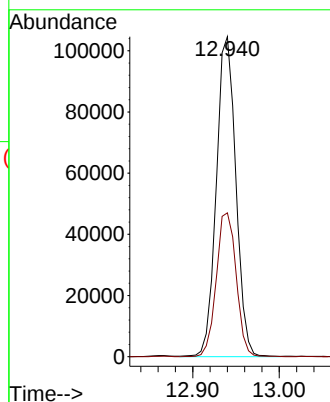
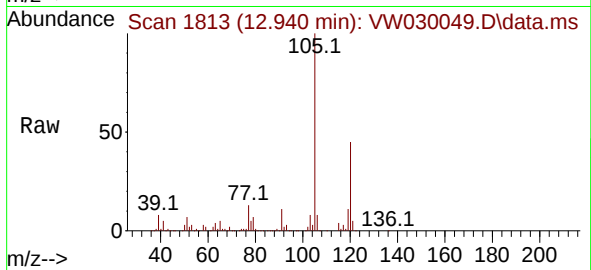




#62
1,3,5-Trimethylbenzene
Concen: 18.535 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

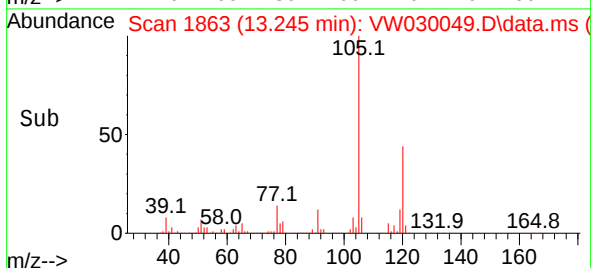
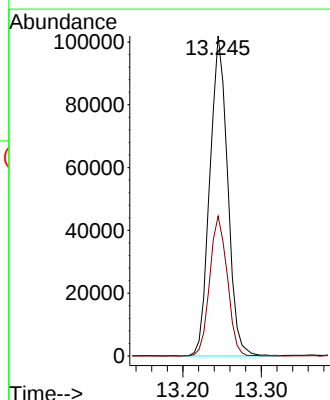
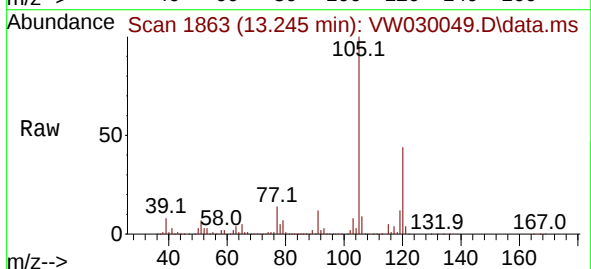
Instrument :
MSVOA_W
ClientSampleId :

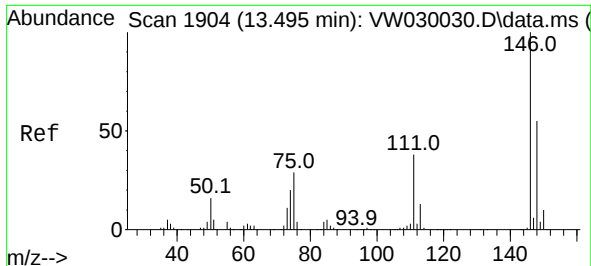
Tgt Ion:105 Resp: 163947
Ion Ratio Lower Upper
105 100
120 45.8 38.3 57.5



#63
1,2,4-Trimethylbenzene
Concen: 17.272 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion:105 Resp: 161027
Ion Ratio Lower Upper
105 100
120 42.9 36.3 54.5

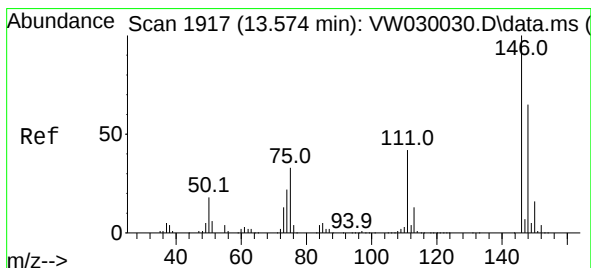
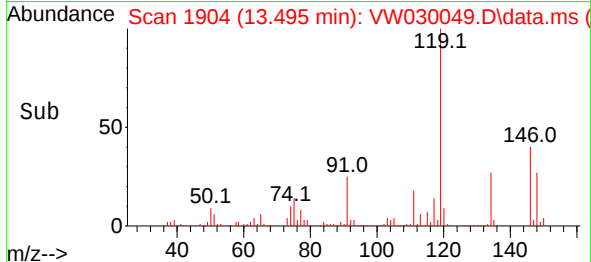
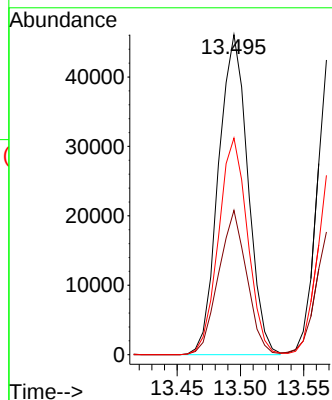
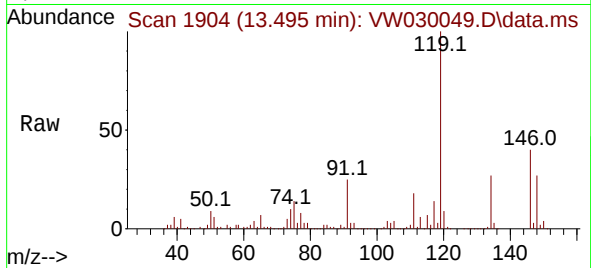




#64
1,3-Dichlorobenzene
Concen: 14.696 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

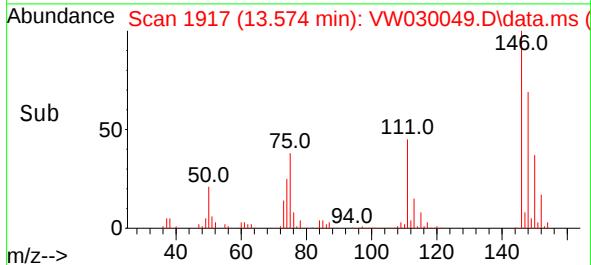
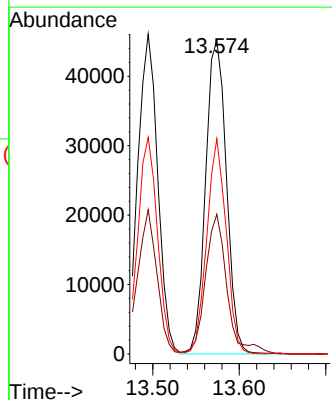
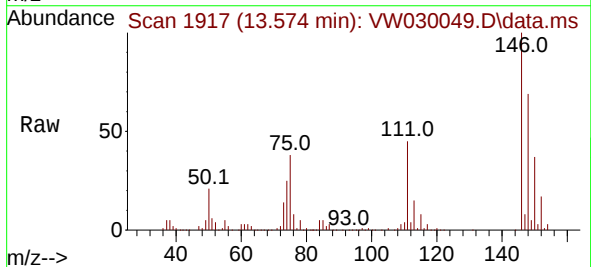
Instrument :
MSVOA_W
ClientSampleId :

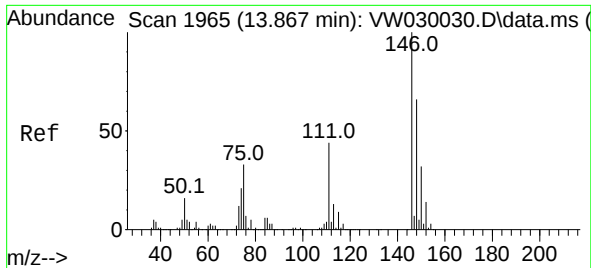
Tgt Ion:146 Resp: 74529
Ion Ratio Lower Upper
146 100
111 45.1 29.1 54.1
148 67.7 43.9 81.5



#65
1,4-Dichlorobenzene
Concen: 14.702 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

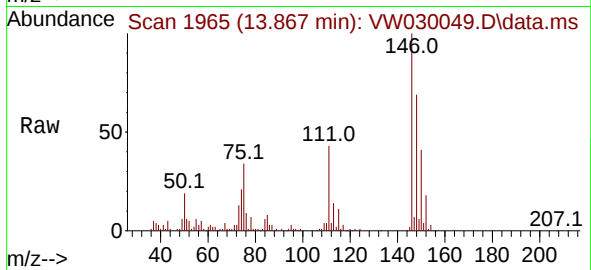
Tgt Ion:146 Resp: 75322
Ion Ratio Lower Upper
146 100
111 44.6 28.2 52.4
148 68.7 45.8 85.2



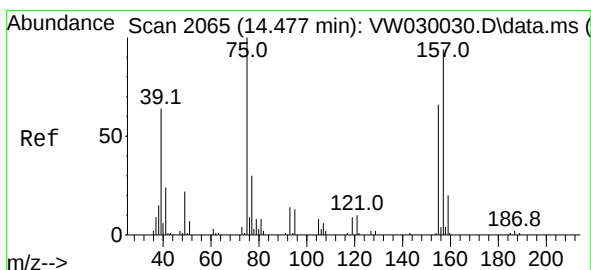
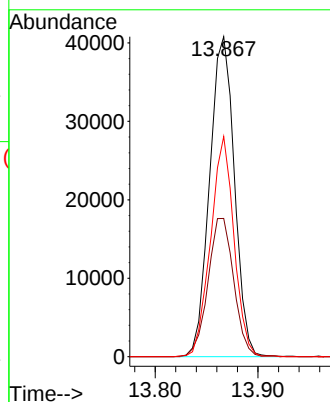
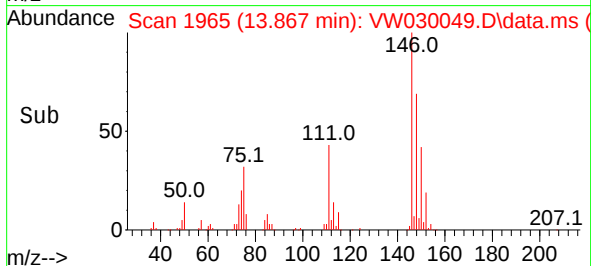


#67
1,2-Dichlorobenzene
Concen: 15.033 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Instrument :
MSVOA_W
ClientSampleId :

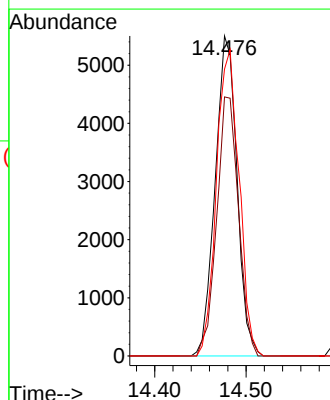
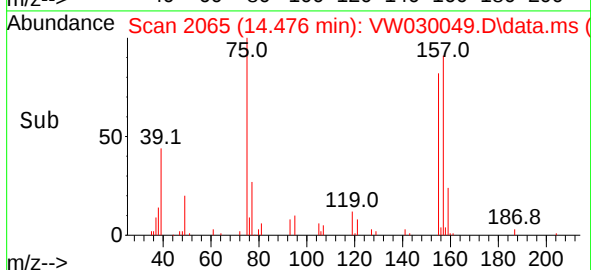
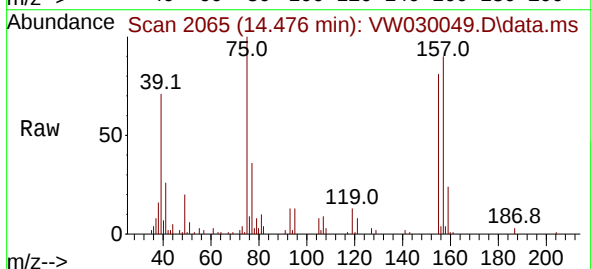


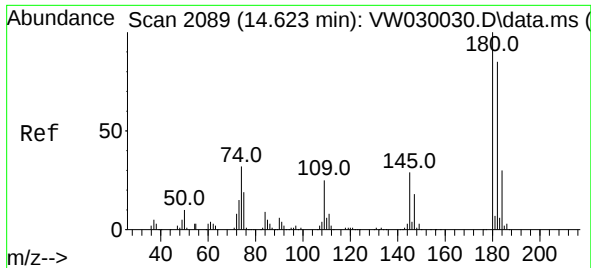
Tgt Ion:146 Resp: 68198
Ion Ratio Lower Upper
146 100
111 43.2 34.7 52.1
148 68.8 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 28.080 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW030049.D
Acq: 27 Aug 2024 17:09

Tgt Ion: 75 Resp: 9113
Ion Ratio Lower Upper
75 100
155 80.9 62.8 94.2
157 89.7 84.3 126.5





#69

1,3,5-Trichlorobenzene

Concen: 9.287 ug/L

RT: 14.617 min Scan# 2088

Delta R.T. -0.006 min

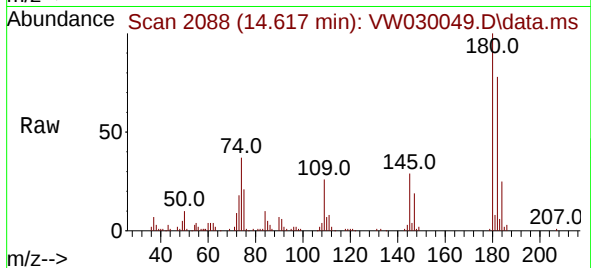
Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 30749

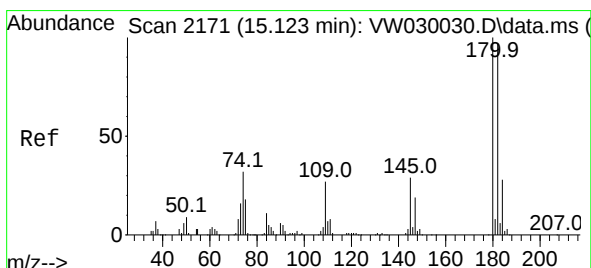
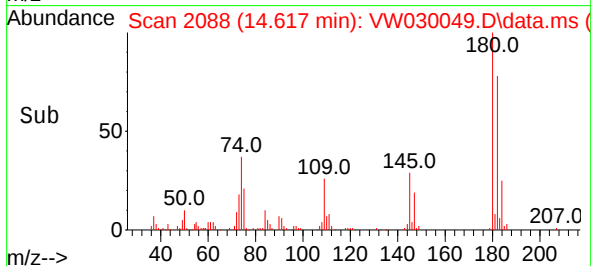
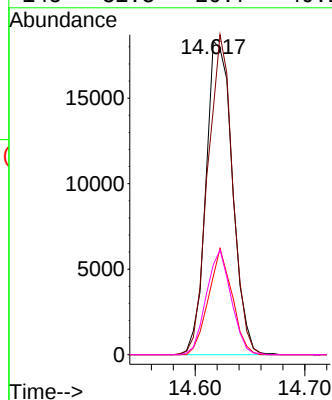
Ion Ratio Lower Upper

180 100

182 95.7 79.7 119.5

184 30.2 25.1 37.7

145 31.3 26.7 40.1



#70

1,2,4-trichlorobenzene

Concen: 9.303 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

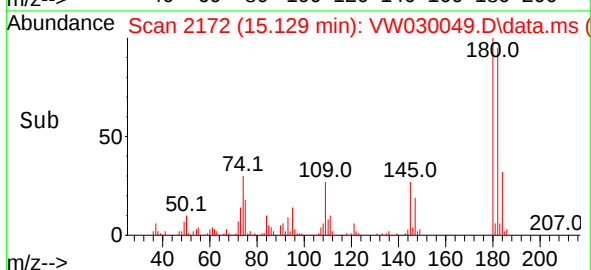
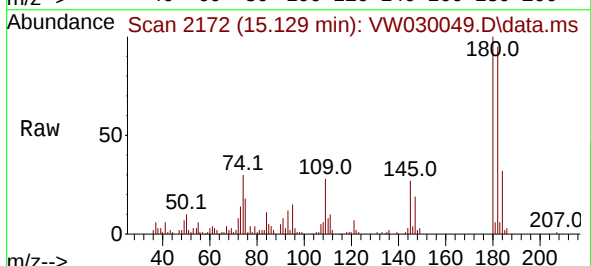
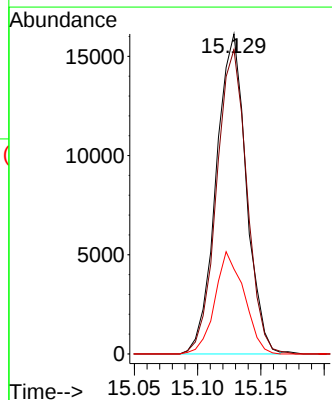
Tgt Ion:180 Resp: 26659

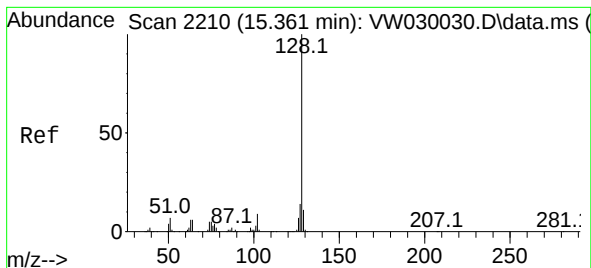
Ion Ratio Lower Upper

180 100

182 95.4 75.3 112.9

145 31.1 24.7 37.1





#71

Naphthalene

Concen: 15.373 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

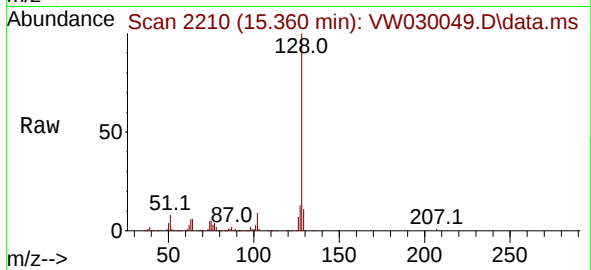
Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Instrument :

MSVOA_W

ClientSampleId :



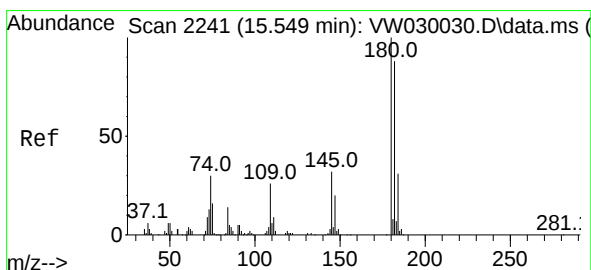
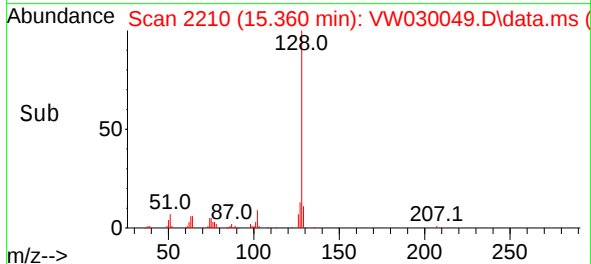
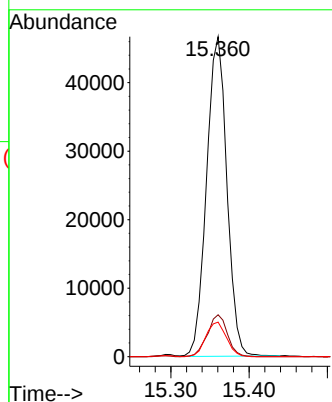
Tgt Ion:128 Resp: 84122

Ion Ratio Lower Upper

128 100

127 13.0 10.6 15.8

129 11.0 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 8.883 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.006 min

Lab File: VW030049.D

Acq: 27 Aug 2024 17:09

Tgt Ion:180 Resp: 22344

Ion Ratio Lower Upper

180 100

182 90.7 77.2 115.8

145 34.7 26.5 39.7

