

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082324\
 Data File : VW030017.D
 Acq On : 23 Aug 2024 17:54
 Operator : SY/MD
 Sample : P3721-09MSD
 Misc : 6.26g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Aug 24 05:05:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Aug 24 05:00:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	480935	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	387114	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	142459	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	78173	11.449	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	45.800%
7) Chloroethane-d5	2.899	69	74095	15.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	60.800%
11) 1,1-Dichloroethene-d2	4.021	65	40297	12.929	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	51.720%
21) 2-Butanone-d5	7.075	46	64018	34.209	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	68.420%
24) Chloroform-d	7.648	84	233710	18.772	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	75.080%
26) 1,2-Dichloroethane-d4	8.307	65	122564	17.284	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	69.120%#
32) Benzene-d6	8.276	84	407582	19.486	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	77.960%
36) 1,2-Dichloropropane-d6	9.270	67	128643	19.262	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	77.040%
41) Toluene-d8	10.319	98	360155	19.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.480%
43) trans-1,3-Dichloroprop...	10.581	79	52326	19.362	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.440%
47) 2-Hexanone-d5	10.922	63	53416	48.504	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	101273	20.422	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	81.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	85985	19.438	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	77.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	66530	10.263	ug/L	91
3) Chloromethane	2.222	50	76392	9.523	ug/L	97
5) Vinyl chloride	2.375	62	99941	11.119	ug/L	100
6) Bromomethane	2.789	94	68969	13.974	ug/L	97
8) Chloroethane	2.930	64	64910	12.694	ug/L	98
9) Trichlorofluoromethane	3.271	101	106692	14.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	94705	13.244	ug/L	95
12) 1,1-Dichloroethene	4.051	96	92538	14.084	ug/L	79
13) Acetone	4.118	43	94512	40.639	ug/L	94
14) Carbon disulfide	4.393	76	214615	9.816	ug/L	99
15) Methyl Acetate	4.667	43	43698	11.281	ug/L #	86
16) Methylene chloride	4.917	84	125506	12.483	ug/L	78
17) trans-1,2-Dichloroethene	5.429	96	99984	14.122	ug/L	86
18) Methyl tert-butyl Ether	5.429	73	193172	16.554	ug/L	95
19) 1,1-Dichloroethane	6.216	63	200257	13.411	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	118530	15.434	ug/L	93
22) 2-Butanone	7.173	43	59725	20.043	ug/L	84
23) Bromochloromethane	7.514	128	51225	15.711	ug/L #	75
25) Chloroform	7.673	83	218455	15.528	ug/L	99

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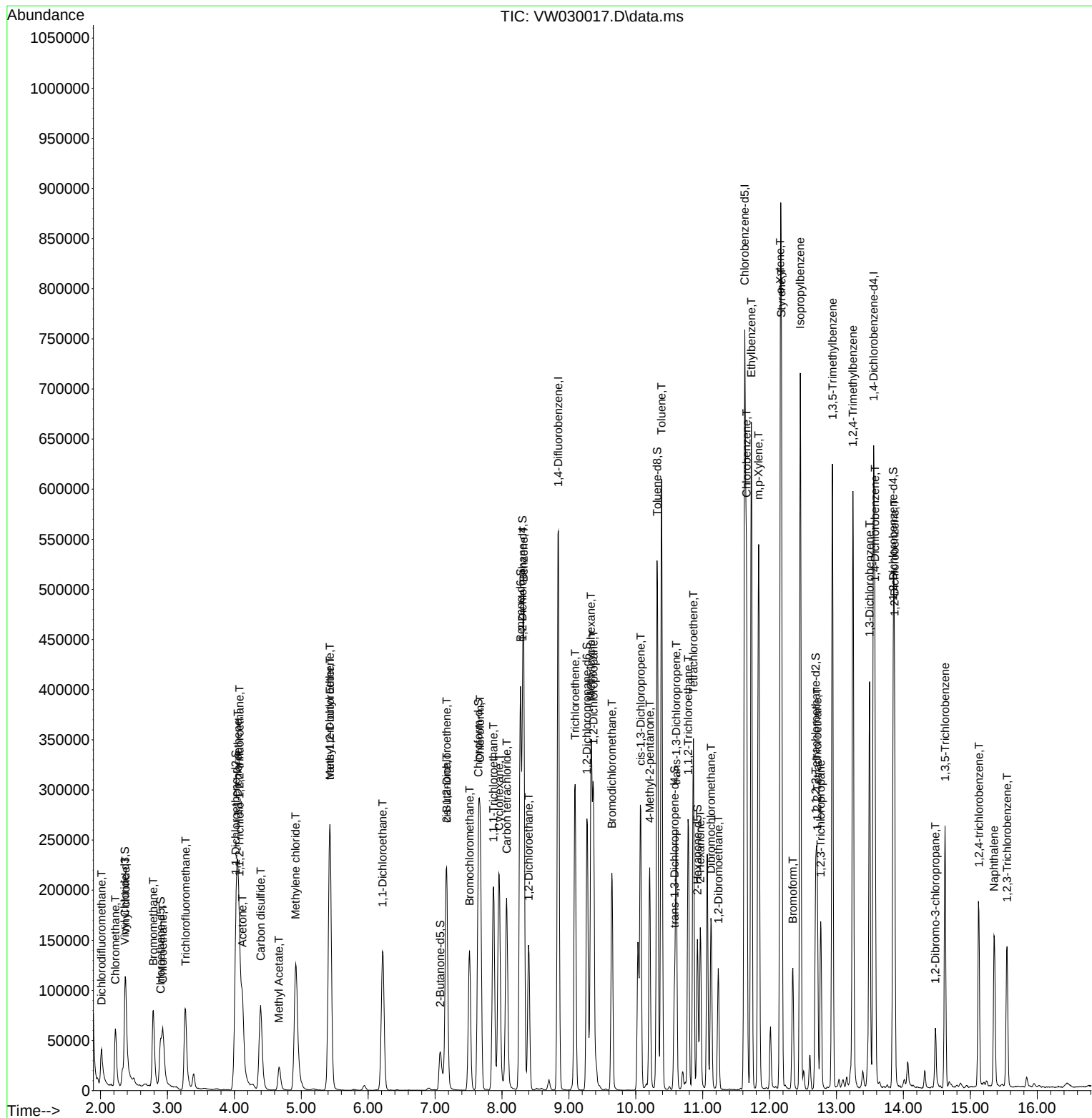
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	138170	13.476	ug/L	99
29) Cyclohexane	7.959	56	130306	11.845	ug/L	90
30) 1,1,1-Trichloroethane	7.874	97	173440	17.692	ug/L	93
31) Carbon tetrachloride	8.069	117	146386	16.572	ug/L	94
33) Benzene	8.325	78	432867	16.320	ug/L	100
34) Trichloroethene	9.093	95	113354	16.302	ug/L	97
35) Methylcyclohexane	9.331	83	145175	12.530	ug/L	92
37) 1,2-Dichloropropane	9.367	63	110353	15.182	ug/L	98
38) Bromodichloromethane	9.642	83	151202	17.469	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	175410	16.571	ug/L	97
40) 4-Methyl-2-pentanone	10.209	43	133956	29.014	ug/L #	86
42) Toluene	10.386	91	451530	16.678	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	142157	16.177	ug/L	100
45) 1,1,2-Trichloroethane	10.782	97	85439	17.497	ug/L	96
46) Tetrachloroethene	10.861	164	73662	14.576	ug/L	92
48) 2-Hexanone	10.965	43	96208	27.823	ug/L #	89
49) Dibromochloromethane	11.123	129	90630	17.879	ug/L	100
50) 1,2-Dibromoethane	11.233	107	80063	17.720	ug/L	92
51) Chlorobenzene	11.654	112	260803	15.487	ug/L	93
52) Ethylbenzene	11.727	91	464046	15.195	ug/L	99
53) m,p-Xylene	11.837	106	168473	15.000	ug/L	96
54) o-Xylene	12.160	106	165508	16.002	ug/L	98
55) Styrene	12.178	104	256960	14.333	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.714	83	95274	15.897	ug/L #	98
59) Bromoform	12.349	173	51649	24.095	ug/L	99
60) Isopropylbenzene	12.458	105	444913	20.183	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	69596	20.087	ug/L	94
62) 1,3,5-Trimethylbenzene	12.940	105	334880	20.438	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	324905	18.541	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	157184	16.712	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	150858	15.615	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	139456	16.286	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	15354	19.517	ug/L	86
69) 1,3,5-Trichlorobenzene	14.623	180	79411	12.340	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	57631	10.630	ug/L	100
71) Naphthalene	15.354	128	132788	12.837	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	48075	9.798	ug/L	98

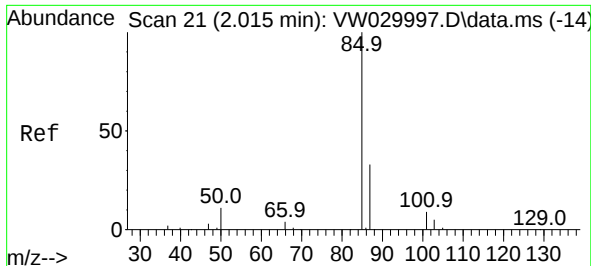
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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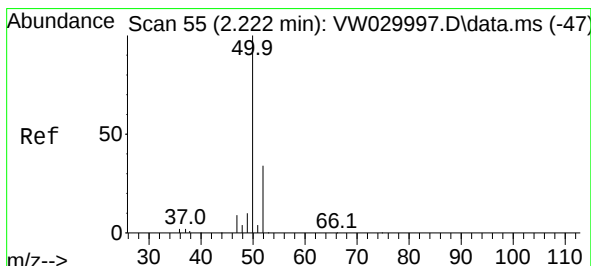
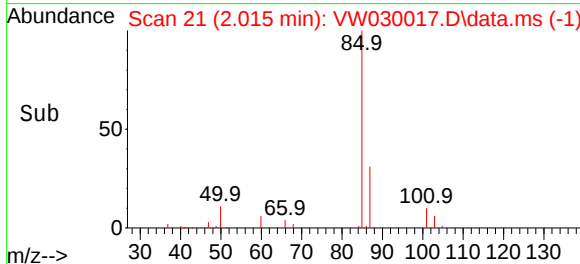
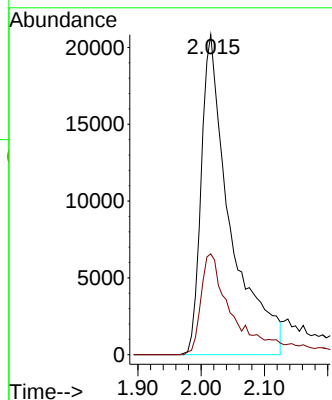
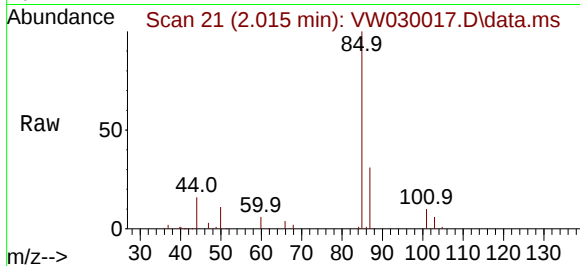




#2
 Dichlorodifluoromethane
 Concen: 10.263 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030017.D
 Acq: 23 Aug 2024 17:54

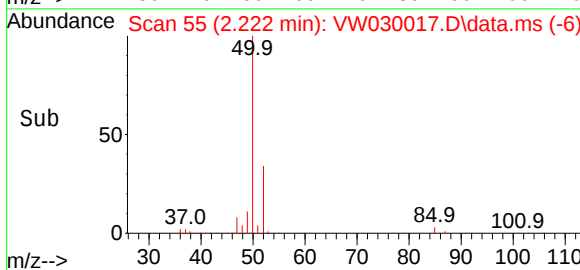
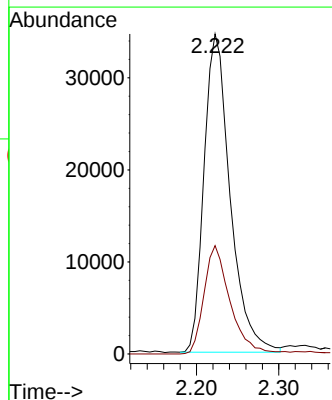
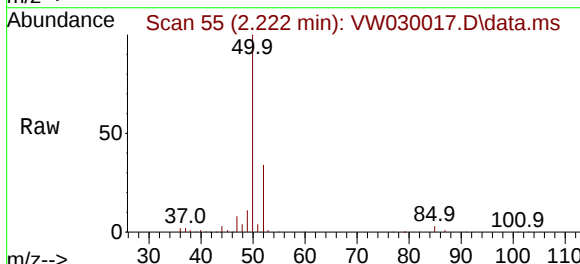
Instrument :
 MSVOA_W
 ClientSampleId :

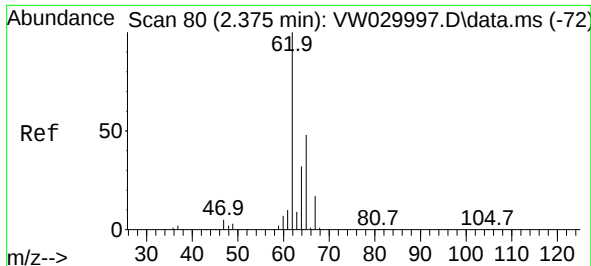
Tgt Ion: 85 Resp: 66530
 Ion Ratio Lower Upper
 85 100
 87 27.0 25.5 38.3



#3
 Chloromethane
 Concen: 9.523 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW030017.D
 Acq: 23 Aug 2024 17:54

Tgt Ion: 50 Resp: 76392
 Ion Ratio Lower Upper
 50 100
 52 33.8 22.5 41.9

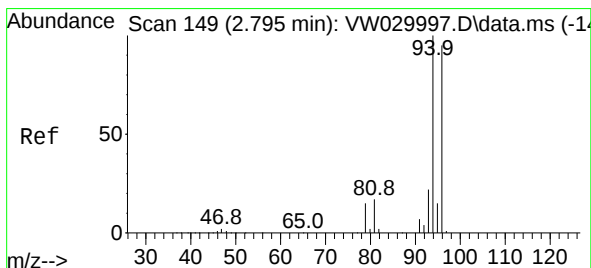
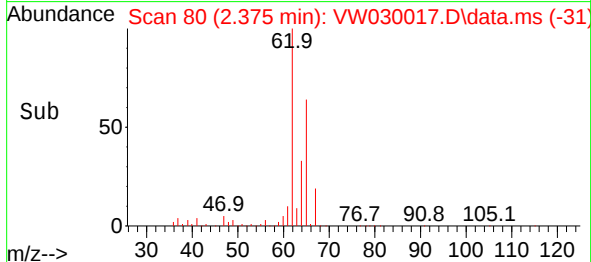
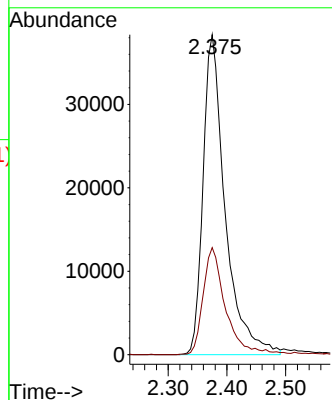
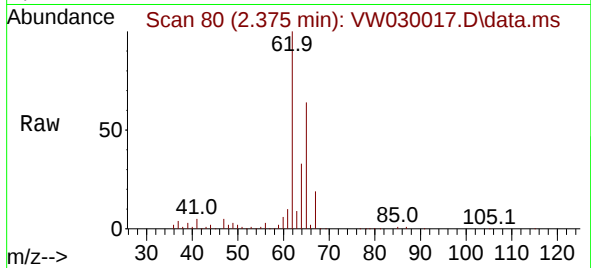




#5
 Vinyl chloride
 Concen: 11.119 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW030017.D
 Acq: 23 Aug 2024 17:54

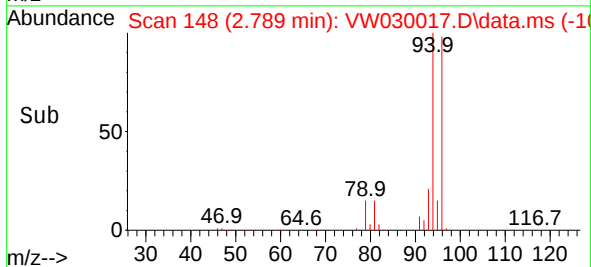
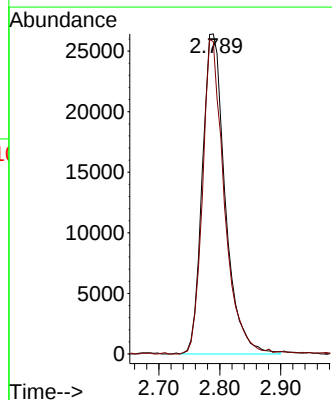
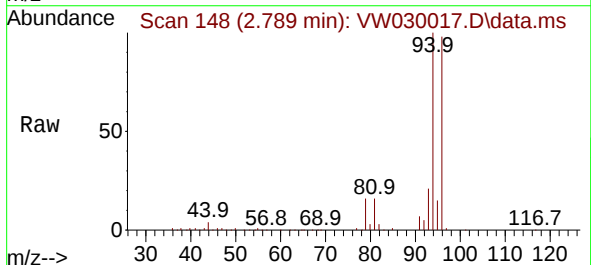
Instrument :
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 ClientSampleId :

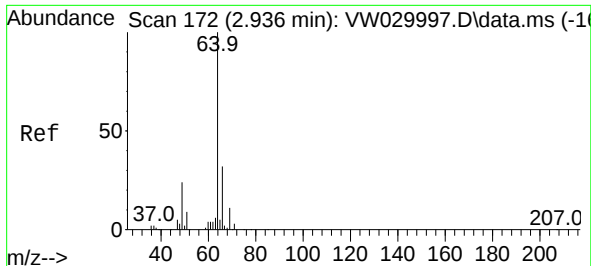
Tgt Ion: 62 Resp: 99941
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.2 43.2



#6
 Bromomethane
 Concen: 13.974 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.006 min
 Lab File: VW030017.D
 Acq: 23 Aug 2024 17:54

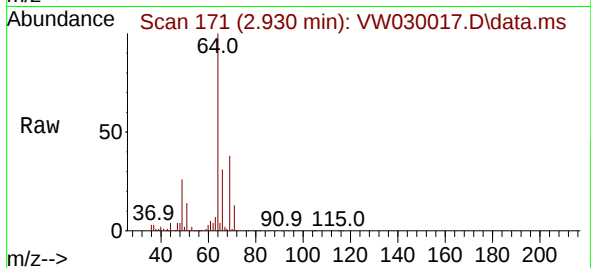
Tgt Ion: 94 Resp: 68969
 Ion Ratio Lower Upper
 94 100
 96 97.6 66.2 123.0



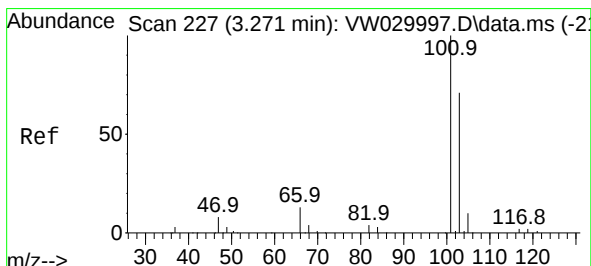
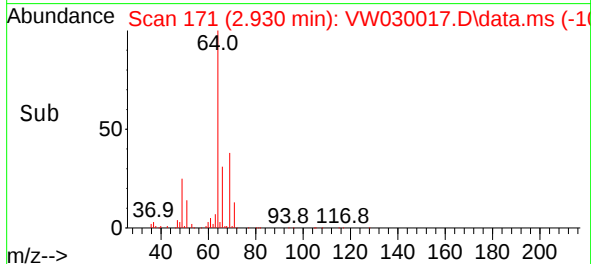
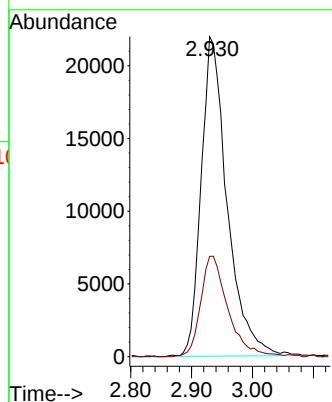


#8
Chloroethane
Concen: 12.694 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Instrument :
MSVOA_W
ClientSampleId :

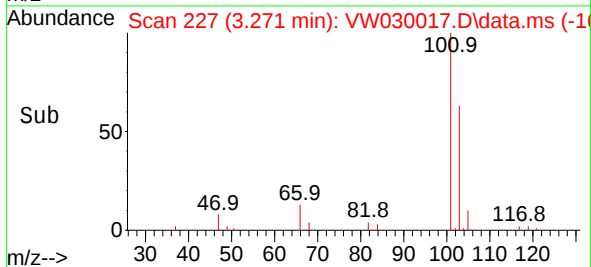
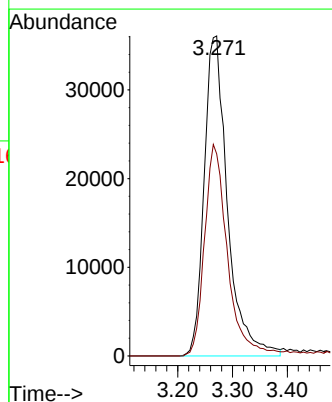
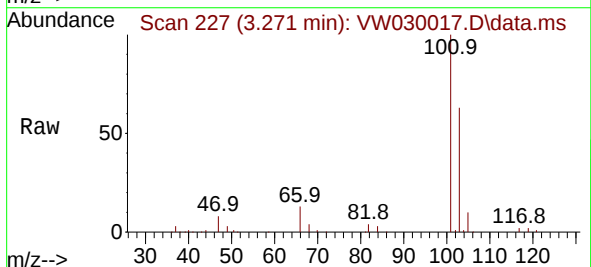


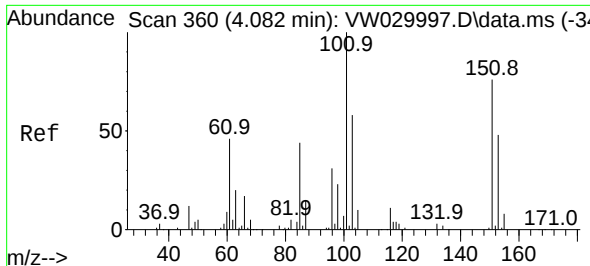
Tgt Ion: 64 Resp: 64910
Ion Ratio Lower Upper
64 100
66 31.4 21.2 39.4



#9
Trichlorofluoromethane
Concen: 14.860 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion: 101 Resp: 106692
Ion Ratio Lower Upper
101 100
103 64.3 51.0 76.4





#10

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

Concen: 13.244 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

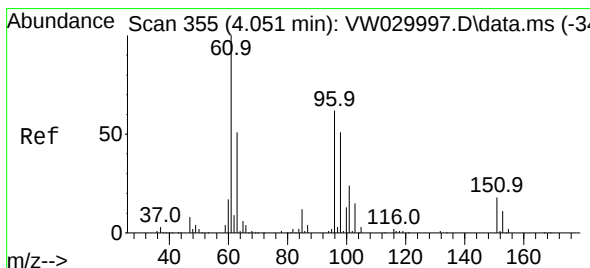
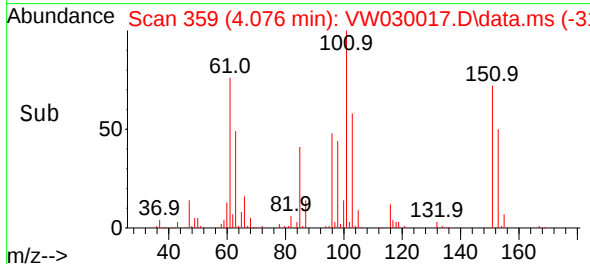
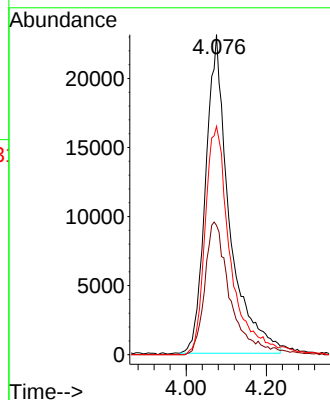
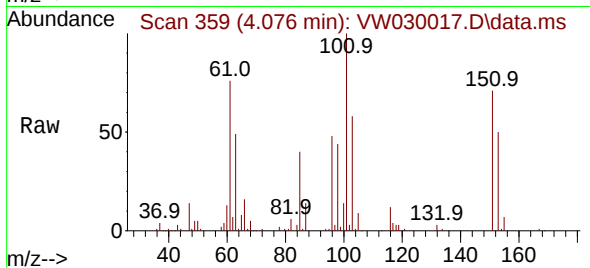
Tgt Ion:101 Resp: 94705

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

151 73.4 54.2 81.2



#12

1,1-Dichloroethene

Concen: 14.084 ug/L

RT: 4.051 min Scan# 355

Delta R.T. 0.000 min

Lab File: VW030017.D

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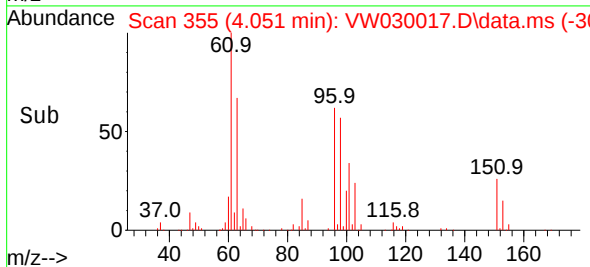
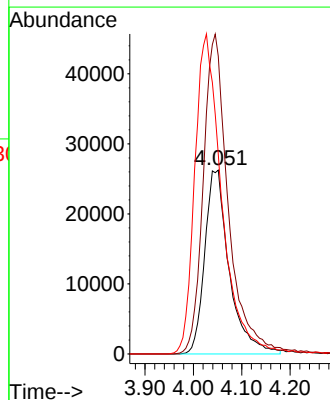
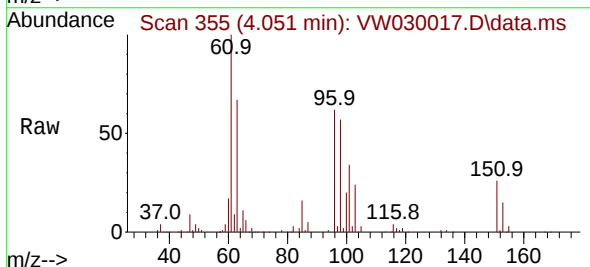
Tgt Ion: 96 Resp: 92538

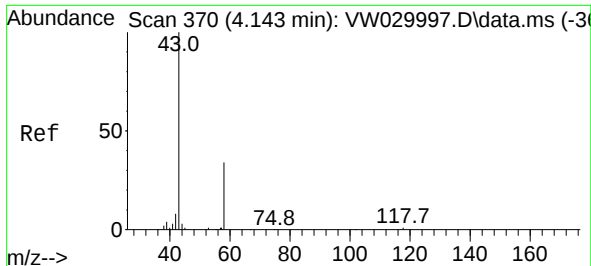
Ion Ratio Lower Upper

96 100

61 161.9 138.3 256.9

63 108.7 89.0 165.4

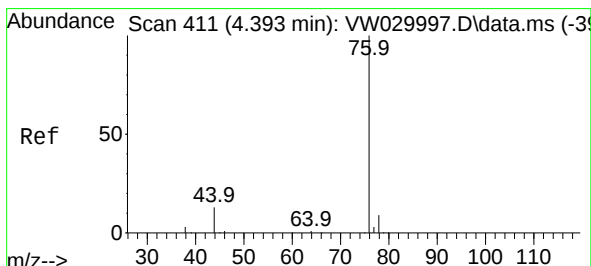
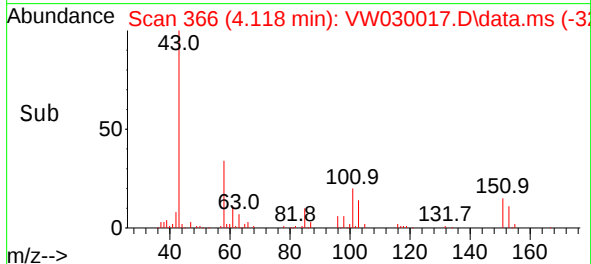
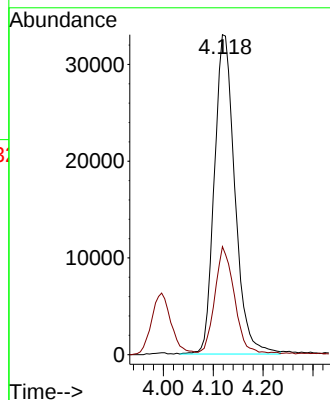
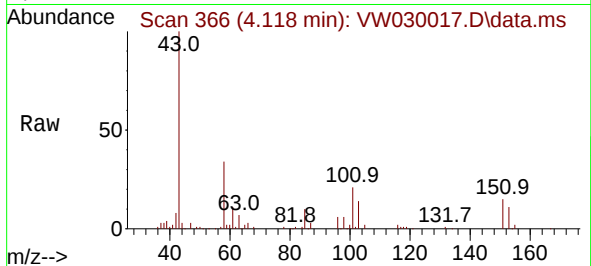




#13
Acetone
Concen: 40.639 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.024 min
Lab File: VW030017.D
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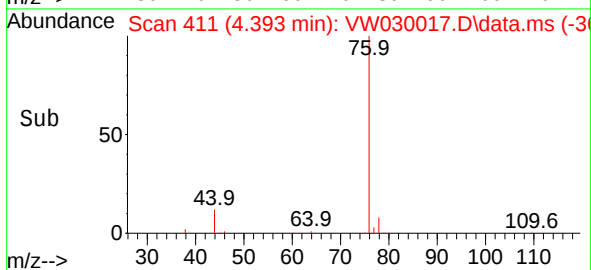
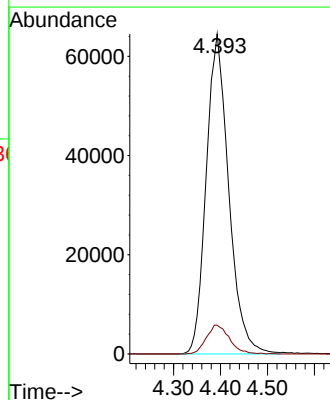
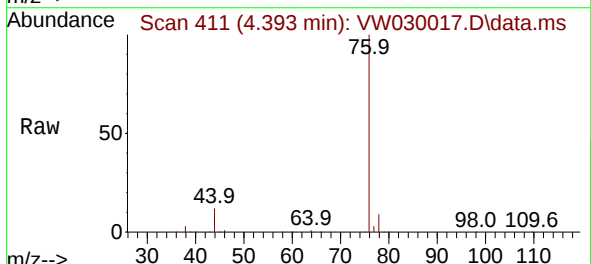
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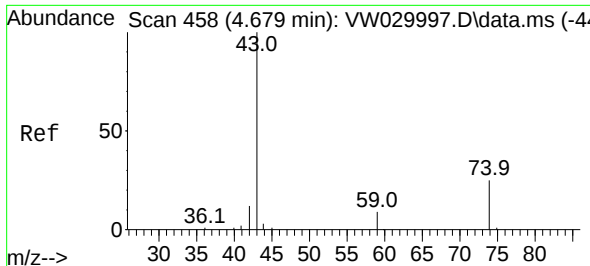
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Ion Ratio Lower Upper
43 100
58 32.2 0.0 57.6



#14
Carbon disulfide
Concen: 9.816 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 214615
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4

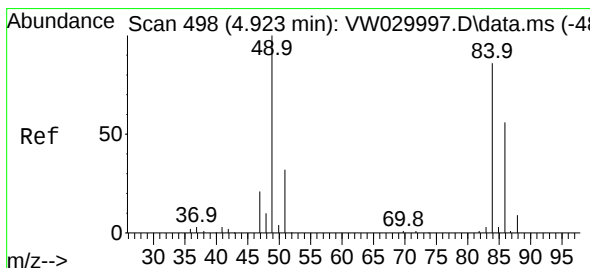
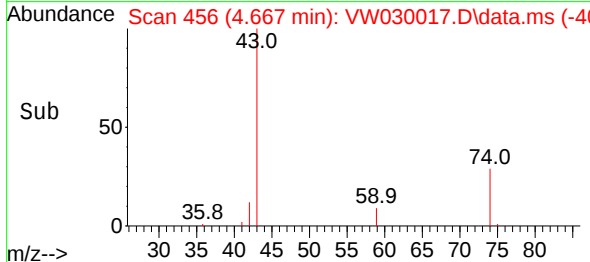
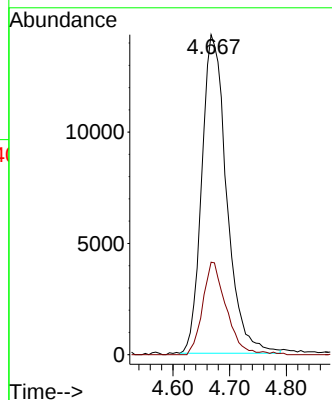
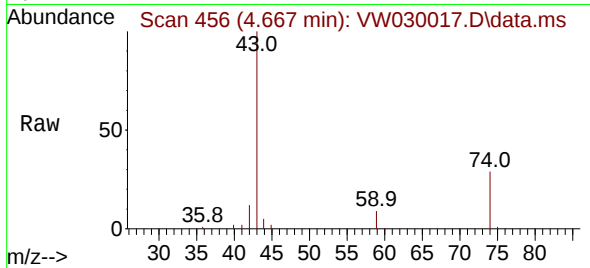




#15
Methyl Acetate
Concen: 11.281 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.012 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

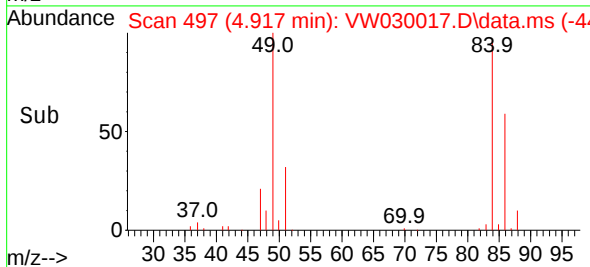
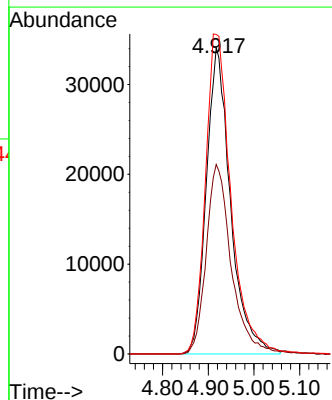
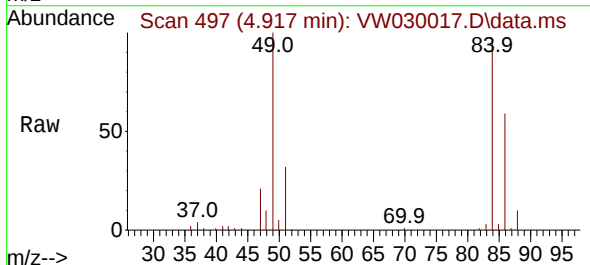
Instrument :
MSVOA_W
ClientSampleId :

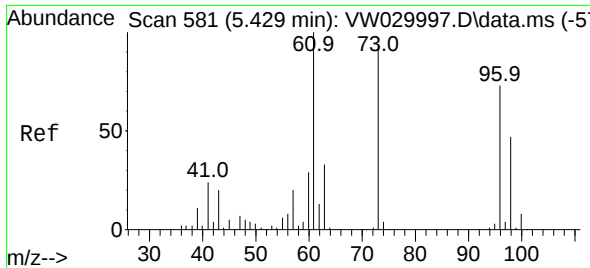
Tgt Ion: 43 Resp: 43698
Ion Ratio Lower Upper
43 100
74 27.0 16.5 24.7#



#16
Methylene chloride
Concen: 12.483 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion: 84 Resp: 125506
Ion Ratio Lower Upper
84 100
86 61.9 44.7 82.9
49 104.4 99.0 184.0





#17

trans-1,2-Dichloroethene

Concen: 14.122 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

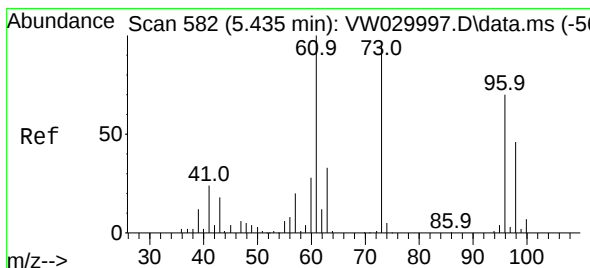
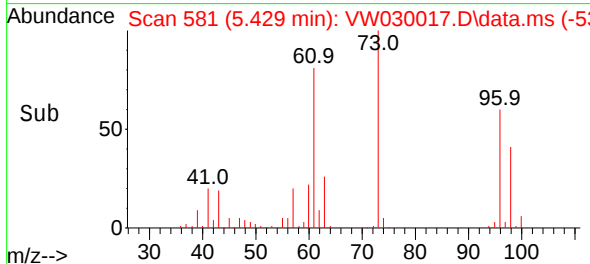
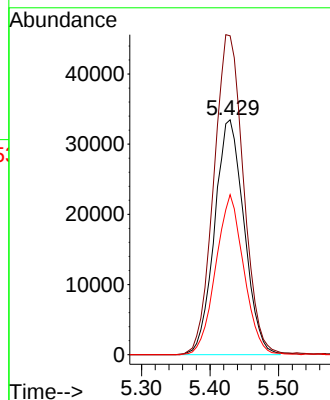
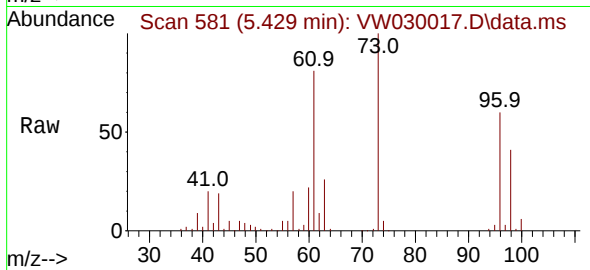
Tgt Ion: 96 Resp: 99984

Ion Ratio Lower Upper

96 100

61 135.8 111.2 206.6

98 68.1 45.0 83.6



#18

Methyl tert-butyl Ether

Concen: 16.554 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

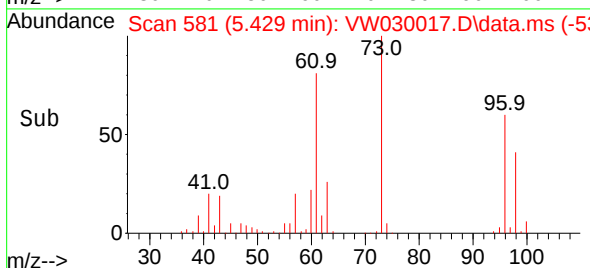
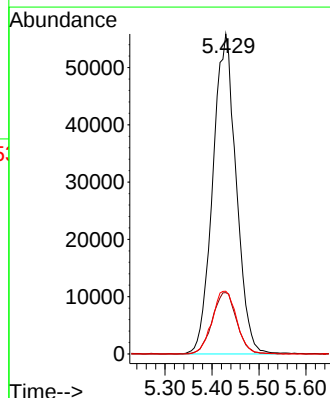
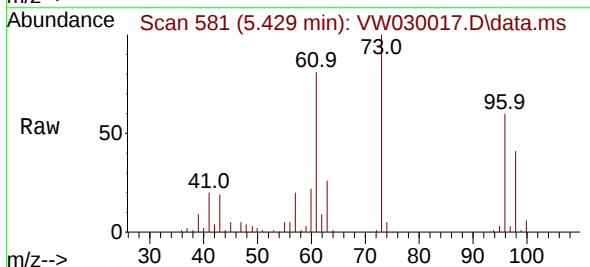
Tgt Ion: 73 Resp: 193172

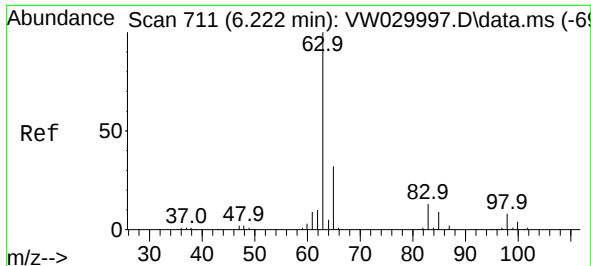
Ion Ratio Lower Upper

73 100

43 20.0 18.3 27.5

57 20.5 17.9 26.9





#19

1,1-Dichloroethane

Concen: 13.411 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

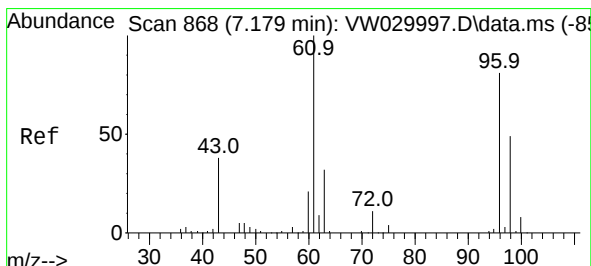
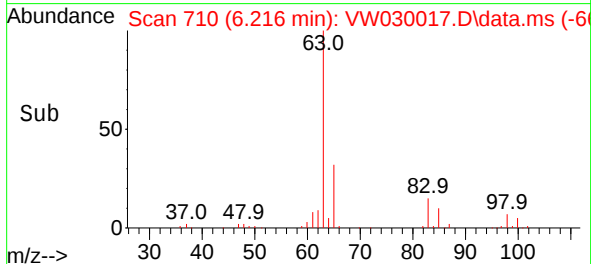
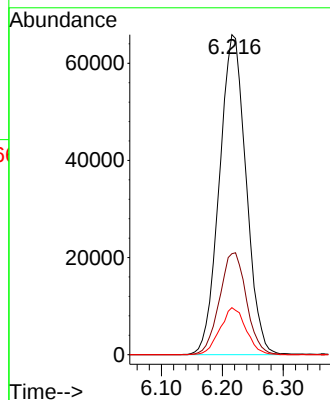
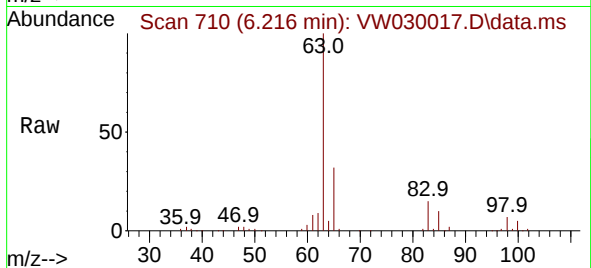
Tgt Ion: 63 Resp: 200257

Ion Ratio Lower Upper

63 100

65 31.6 22.3 41.3

83 14.7 8.5 15.7



#20

cis-1,2-Dichloroethene

Concen: 15.434 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

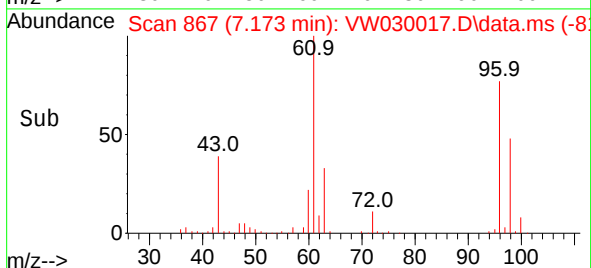
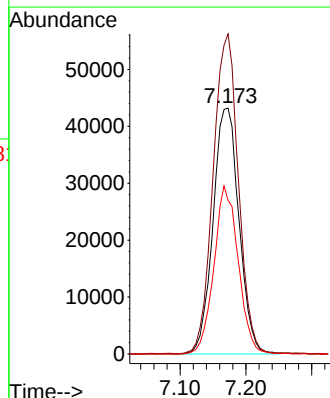
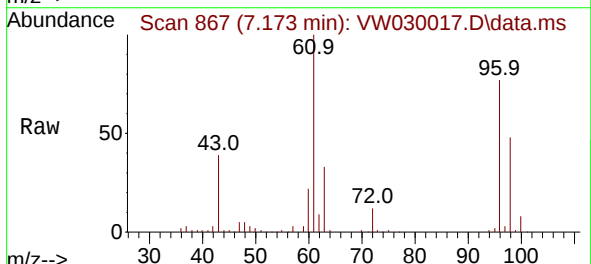
Tgt Ion: 96 Resp: 118530

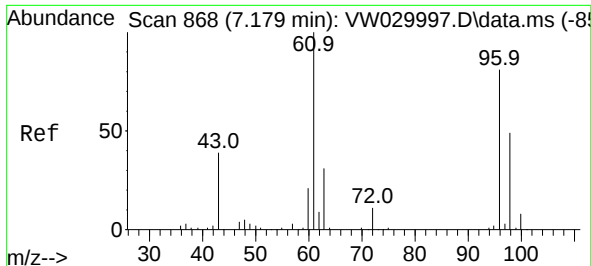
Ion Ratio Lower Upper

96 100

61 130.1 98.2 182.4

98 62.5 41.9 77.9

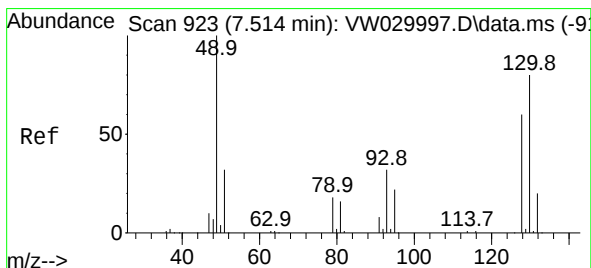
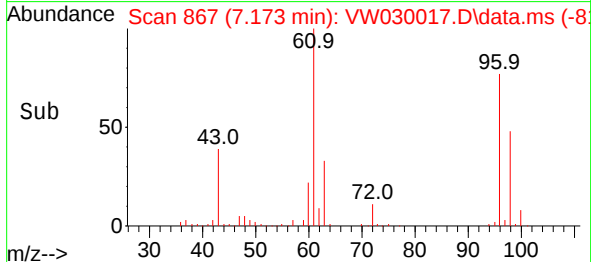
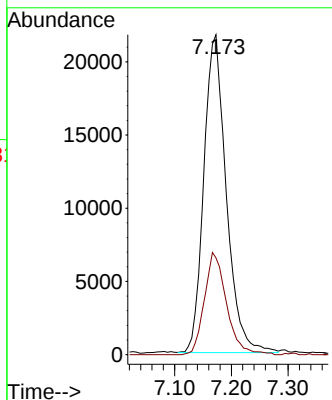
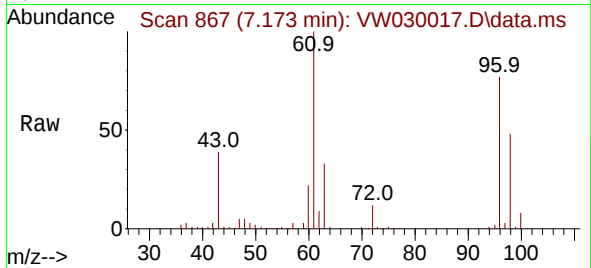




#22
2-Butanone
Concen: 20.043 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

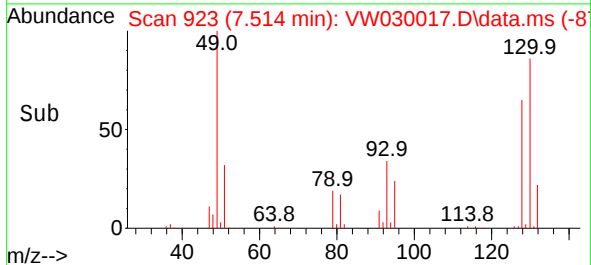
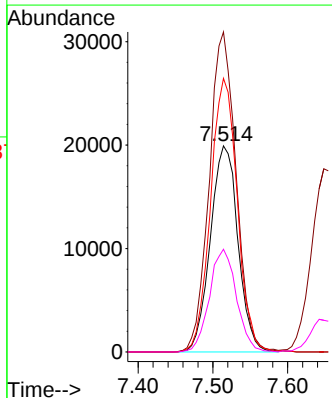
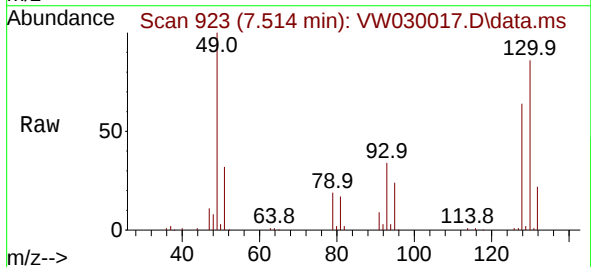
Instrument :
MSVOA_W
ClientSampleId :

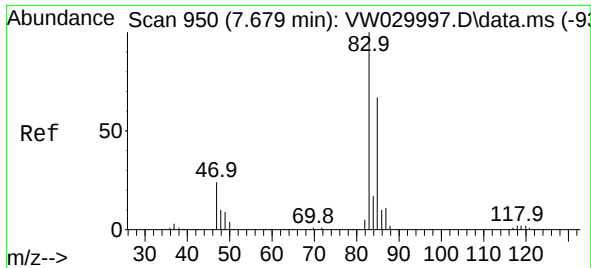
Tgt Ion: 43 Resp: 59725
Ion Ratio Lower Upper
43 100
72 31.3 11.7 35.1



#23
Bromochloromethane
Concen: 15.711 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion:128 Resp: 51225
Ion Ratio Lower Upper
128 100
49 155.2 151.1 280.7
130 132.8 96.8 179.8
51 49.8 54.6 82.0#





#25

Chloroform

Concen: 15.528 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

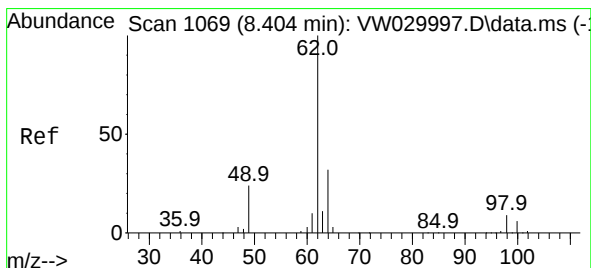
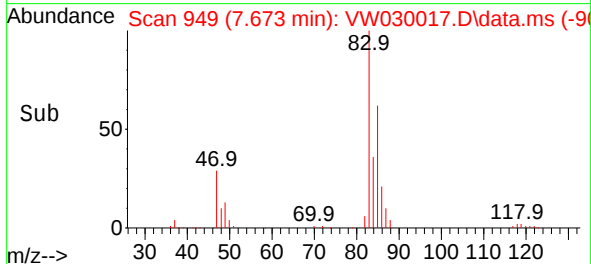
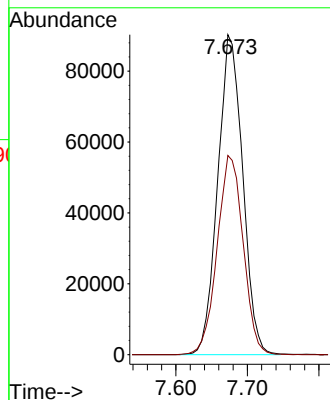
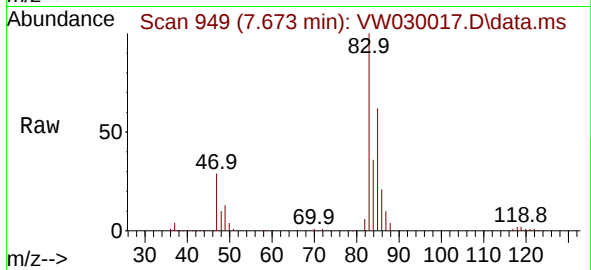
ClientSampleId :

Tgt Ion: 83 Resp: 218455

Ion Ratio Lower Upper

83 100

85 62.3 44.4 82.4



#27

1,2-Dichloroethane

Concen: 13.476 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VW030017.D

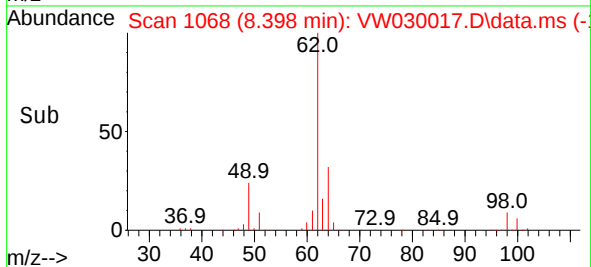
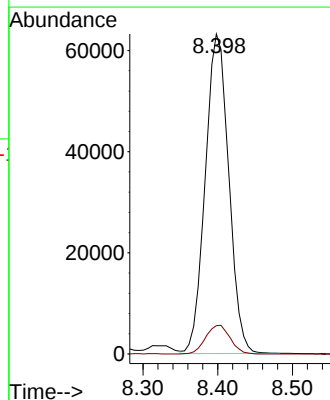
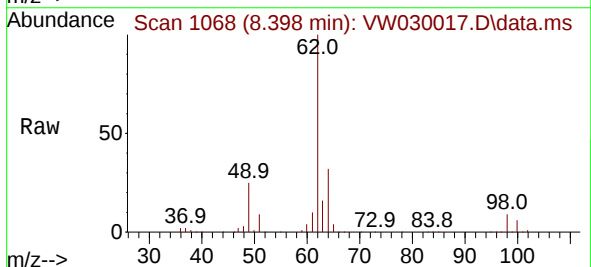
Acq: 23 Aug 2024 17:54

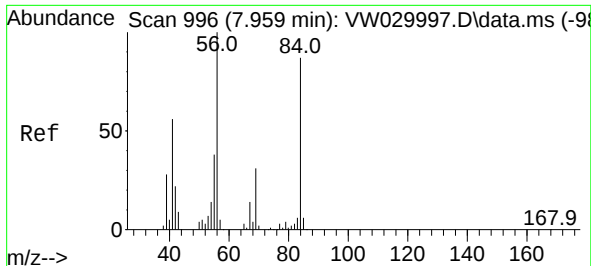
Tgt Ion: 62 Resp: 138170

Ion Ratio Lower Upper

62 100

98 8.8 6.6 10.0





#29

Cyclohexane

Concen: 11.845 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

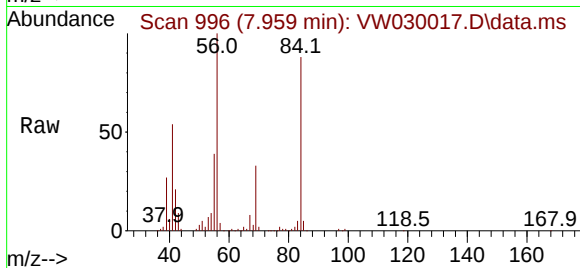
Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

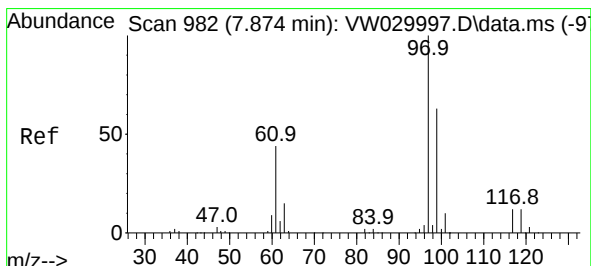
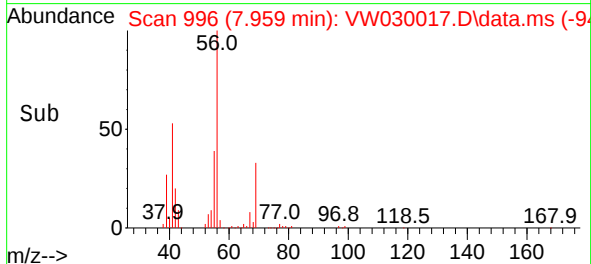
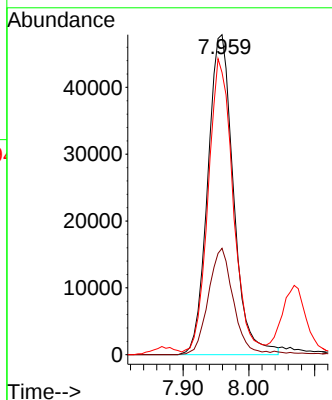
ClientSampleId :



Tgt Ion: 56 Resp: 130306

Ion Ratio Lower Upper

56	100		
69	32.2	23.0	34.4
84	89.7	63.5	95.3



#30

1,1,1-Trichloroethane

Concen: 17.692 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

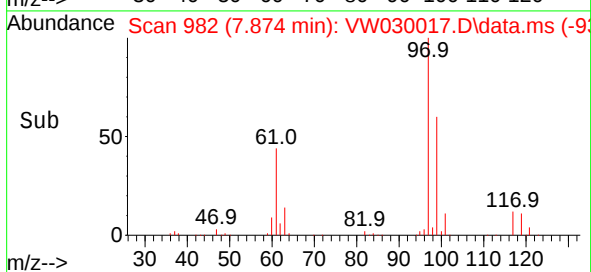
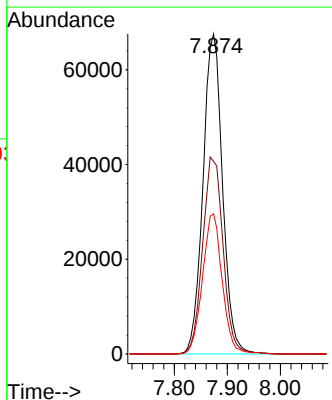
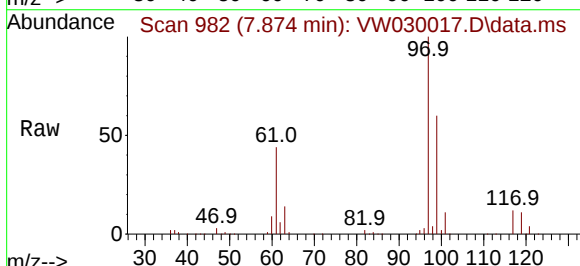
Lab File: VW030017.D

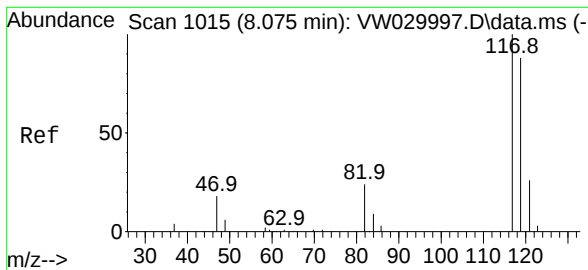
Acq: 23 Aug 2024 17:54

Tgt Ion: 97 Resp: 173440

Ion Ratio Lower Upper

97	100		
99	64.1	52.1	78.1
61	43.9	42.6	63.8

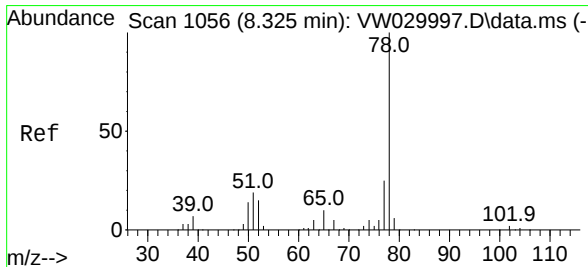
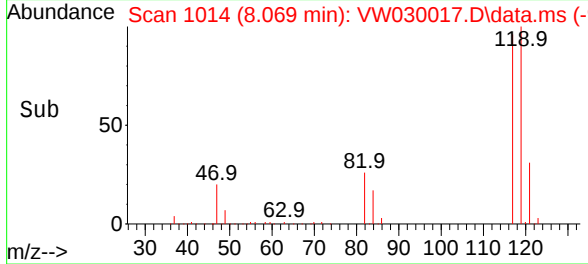
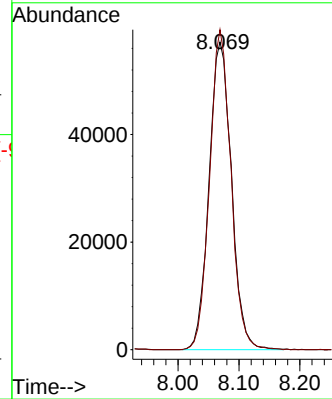
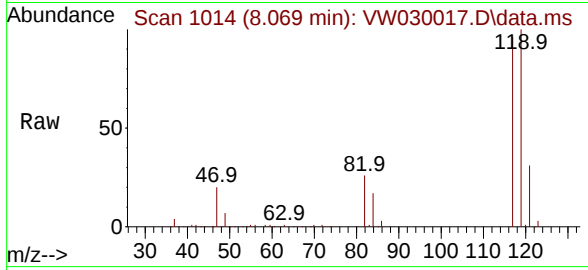




#31
Carbon tetrachloride
Concen: 16.572 ug/L
RT: 8.069 min Scan# 1015
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

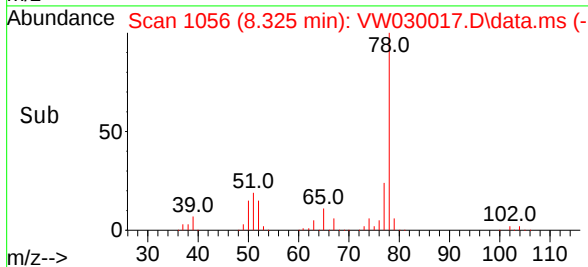
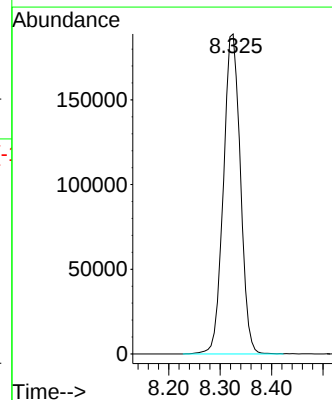
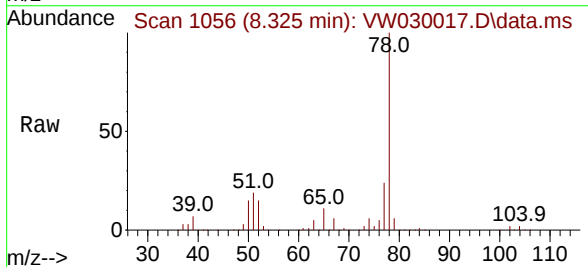
Instrument :
MSVOA_W
ClientSampleId :

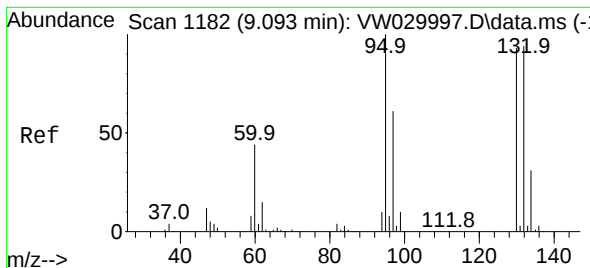
Tgt Ion:117 Resp: 146386
Ion Ratio Lower Upper
117 100
119 98.8 74.8 112.2



#33
Benzene
Concen: 16.320 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion: 78 Resp: 432867





#34

Trichloroethene

Concen: 16.302 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 113354

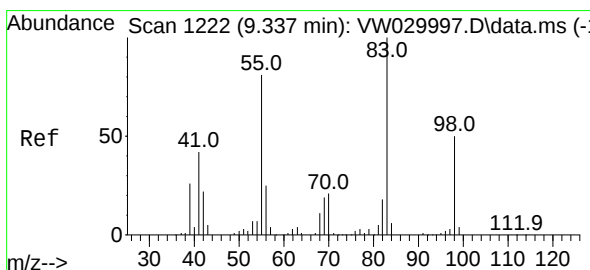
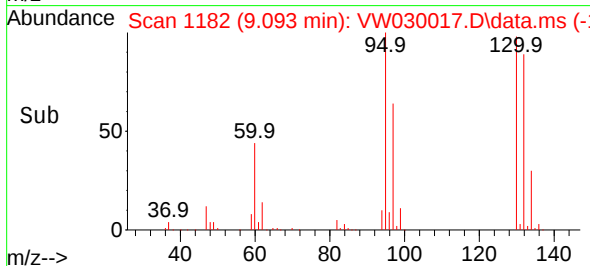
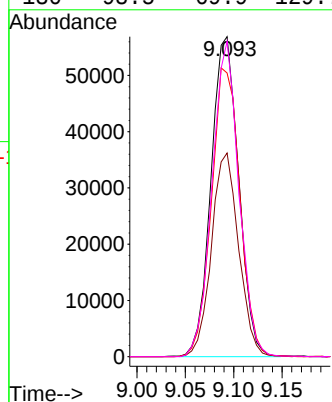
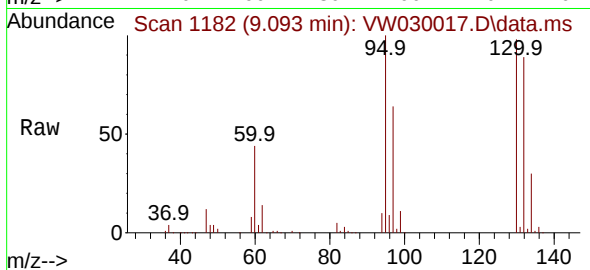
Ion Ratio Lower Upper

95 100

97 63.7 45.6 84.8

132 88.6 65.2 121.0

130 98.5 69.9 129.7



#35

Methylcyclohexane

Concen: 12.530 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

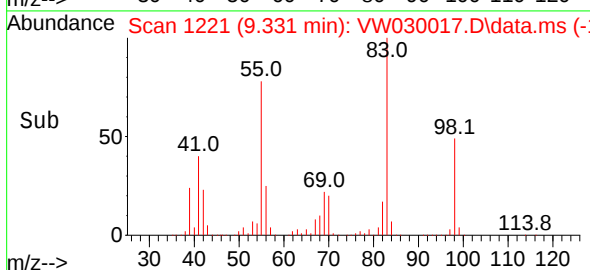
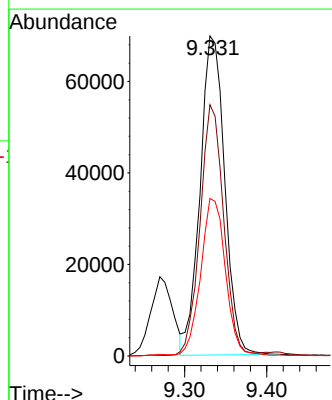
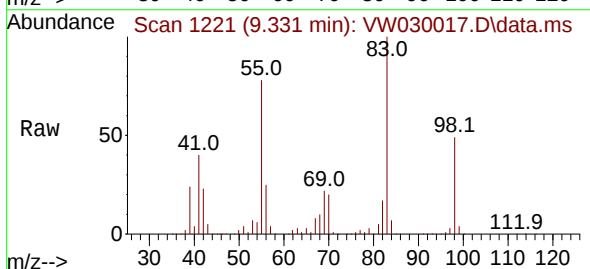
Tgt Ion: 83 Resp: 145175

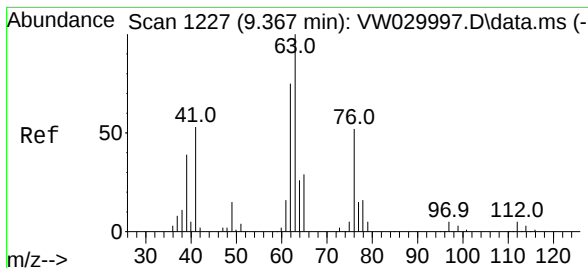
Ion Ratio Lower Upper

83 100

55 75.6 67.4 101.2

98 49.1 36.7 55.1





#37

1,2-Dichloropropane

Concen: 15.182 ug/L

RT: 9.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

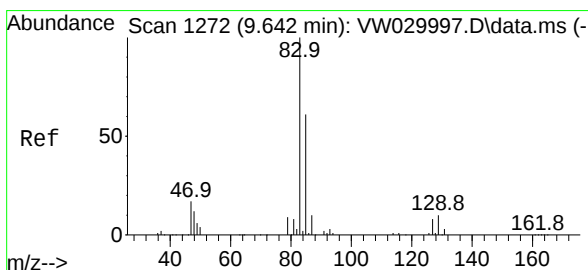
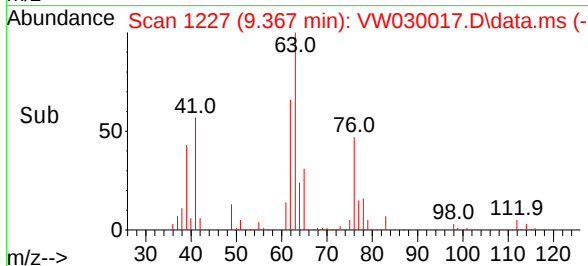
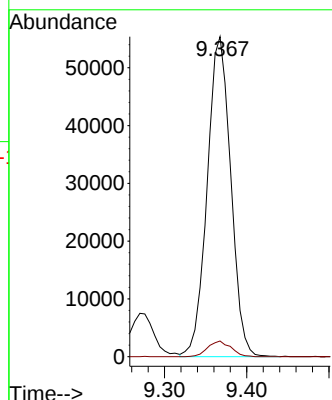
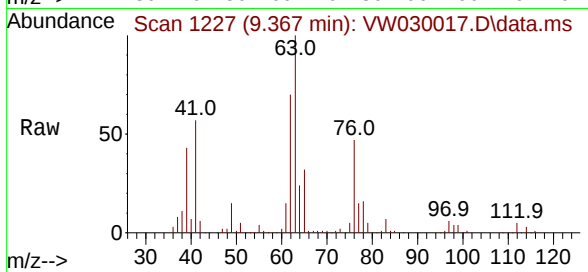
ClientSampleId :

Tgt Ion: 63 Resp: 110353

Ion Ratio Lower Upper

63 100

112 4.8 3.3 4.9



#38

Bromodichloromethane

Concen: 17.469 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

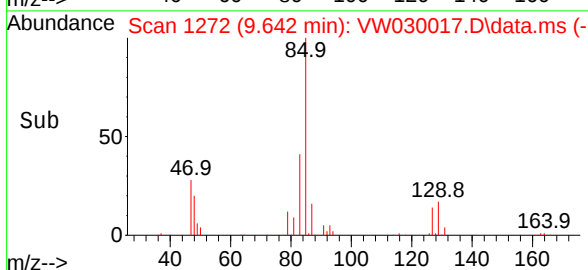
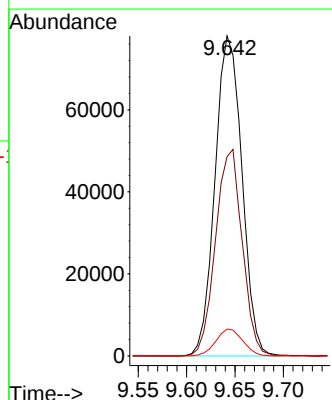
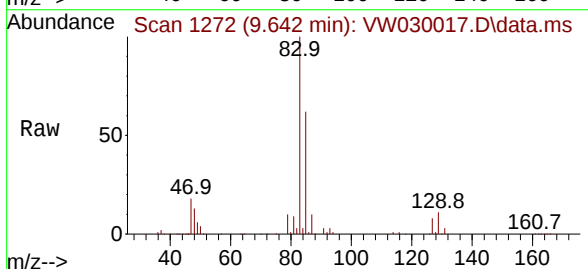
Tgt Ion: 83 Resp: 151202

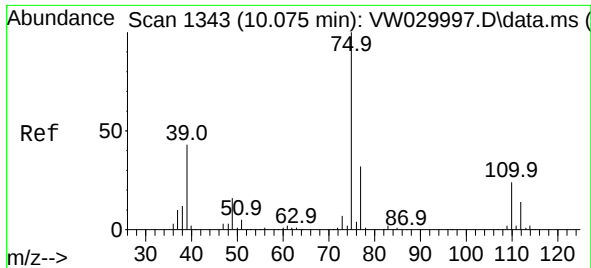
Ion Ratio Lower Upper

83 100

85 62.3 46.6 86.6

127 8.4 5.9 8.9





#39

cis-1,3-Dichloropropene

Concen: 16.571 ug/L

RT: 10.075 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

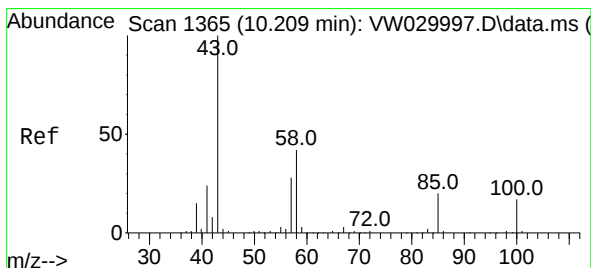
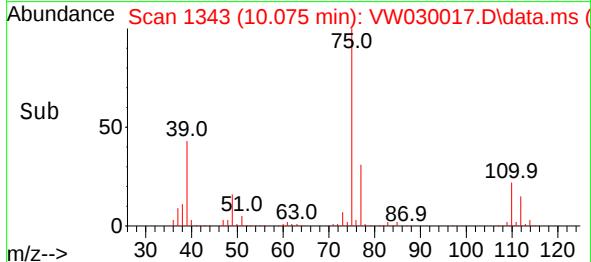
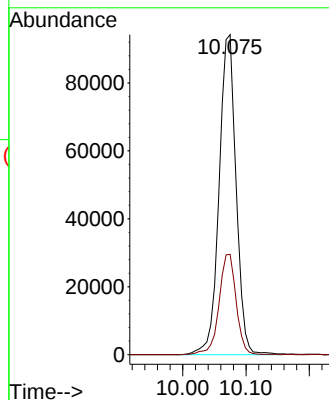
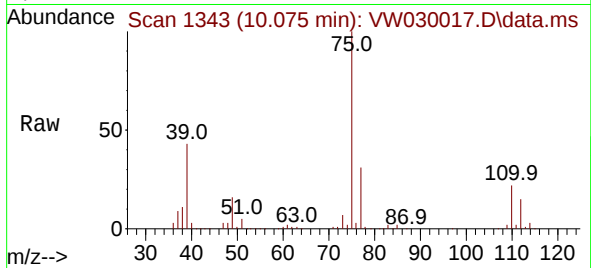
ClientSampleId :

Tgt Ion: 75 Resp: 175410

Ion Ratio Lower Upper

75 100

77 31.3 20.8 38.6



#40

4-Methyl-2-pentanone

Concen: 29.014 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

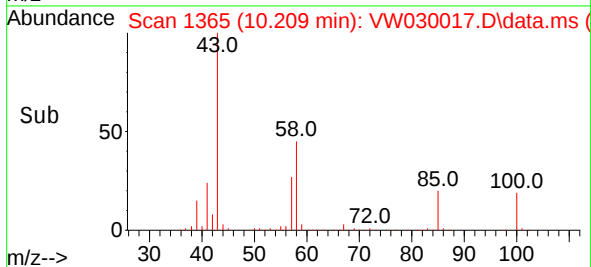
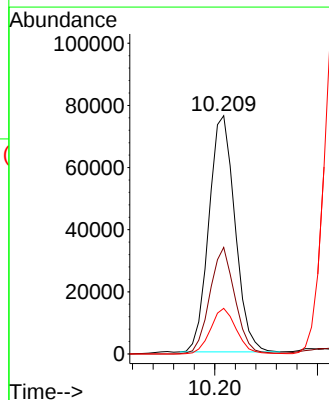
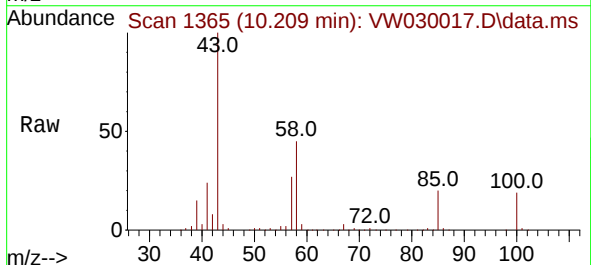
Tgt Ion: 43 Resp: 133956

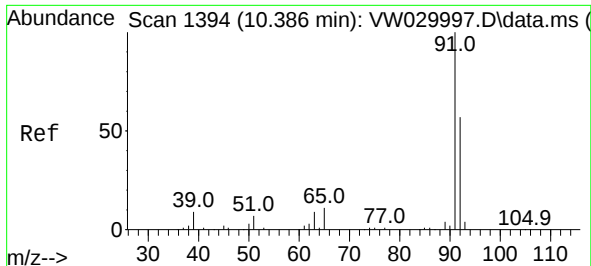
Ion Ratio Lower Upper

43 100

58 43.5 28.7 43.1#

100 19.2 10.0 15.0#





#42

Toluene

Concen: 16.678 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

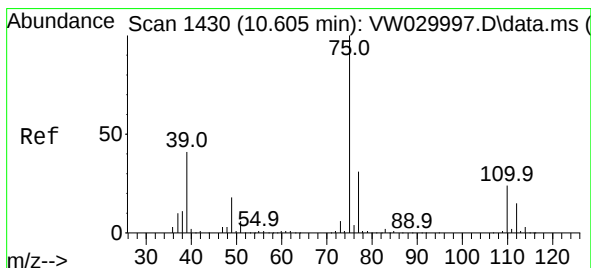
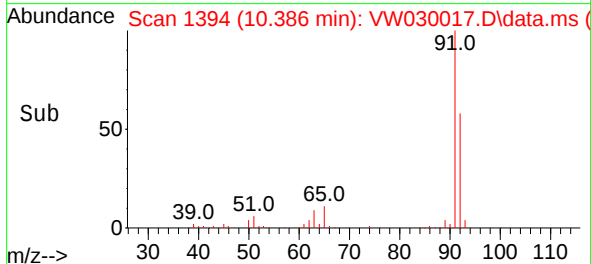
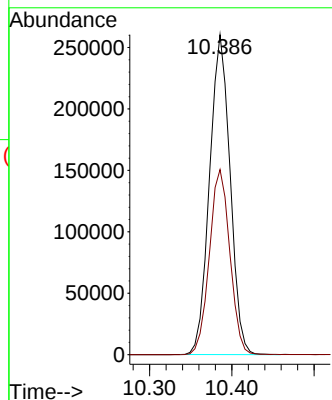
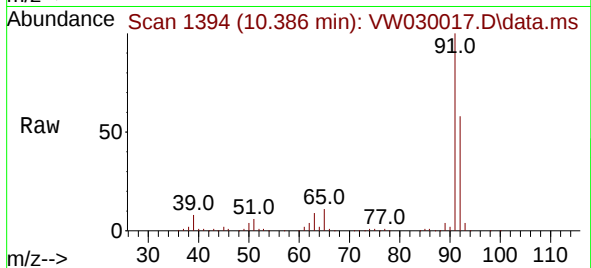
ClientSampleId :

Tgt Ion: 91 Resp: 451530

Ion Ratio Lower Upper

91 100

92 57.8 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 16.177 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030017.D

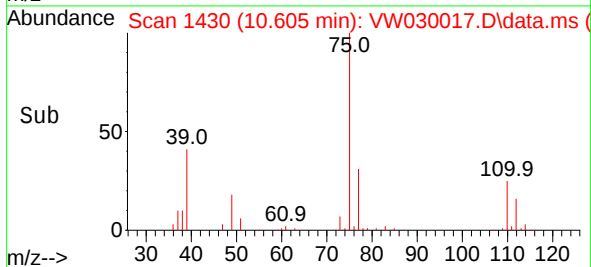
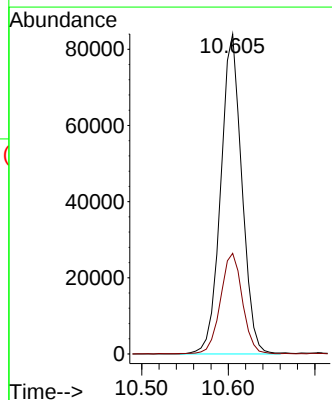
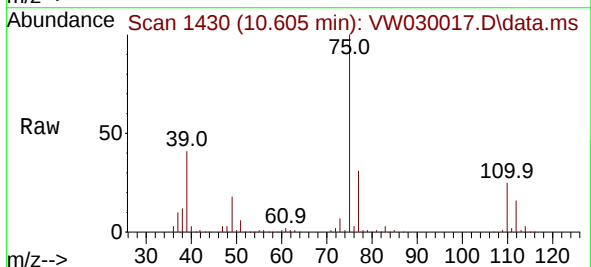
Acq: 23 Aug 2024 17:54

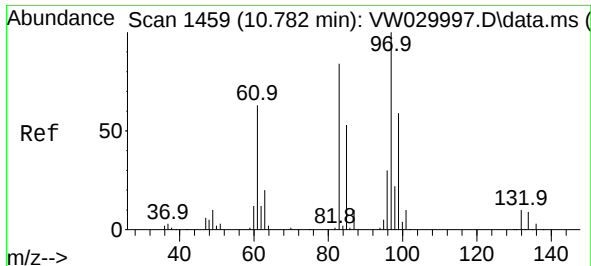
Tgt Ion: 75 Resp: 142157

Ion Ratio Lower Upper

75 100

77 31.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 17.497 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 85439

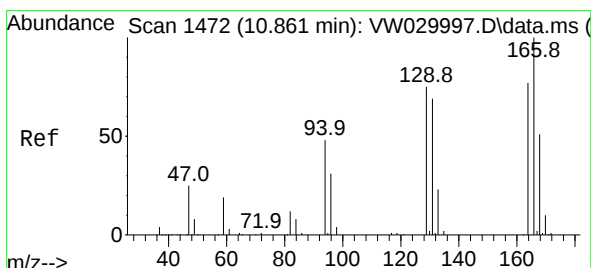
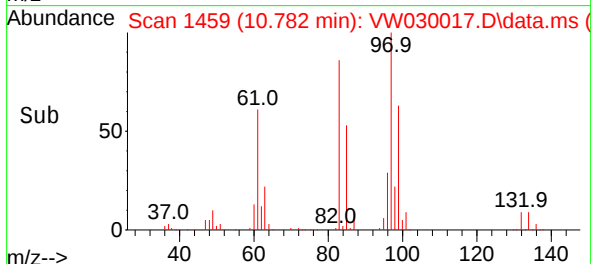
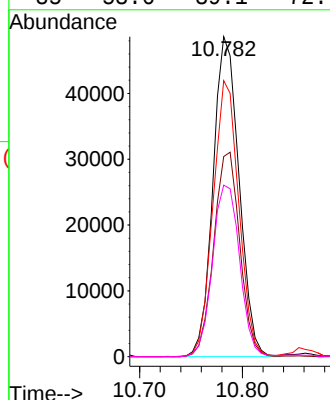
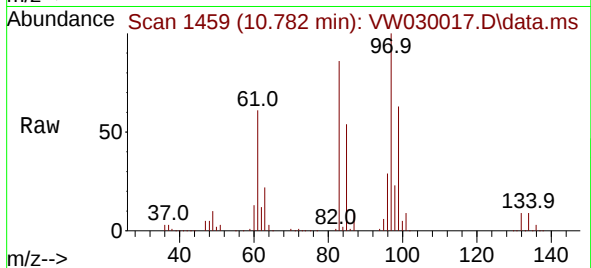
Ion Ratio Lower Upper

97 100

99 62.5 40.1 74.5

83 86.2 58.5 108.7

85 53.6 39.1 72.7



#46

Tetrachloroethene

Concen: 14.576 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Tgt Ion:164 Resp: 73662

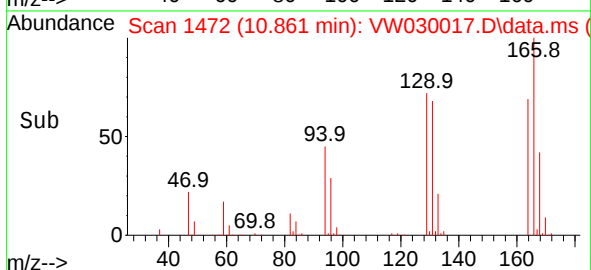
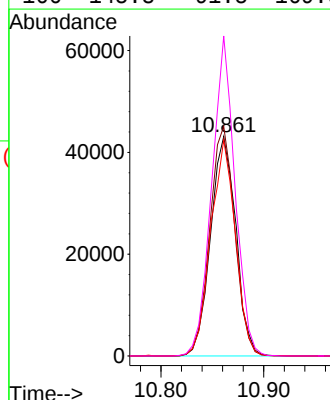
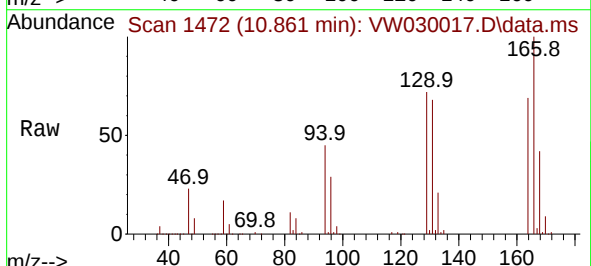
Ion Ratio Lower Upper

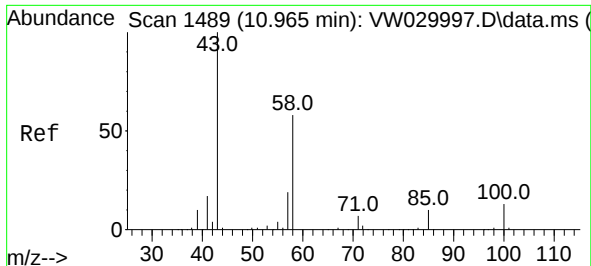
164 100

129 104.7 77.8 144.6

131 98.5 70.9 131.7

166 145.8 91.5 169.9

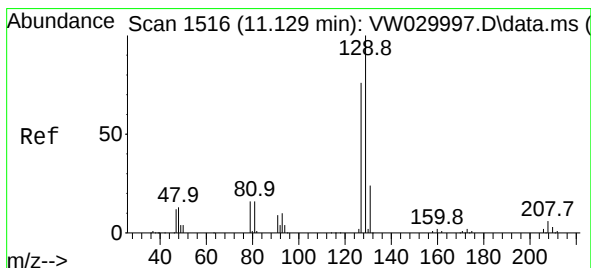
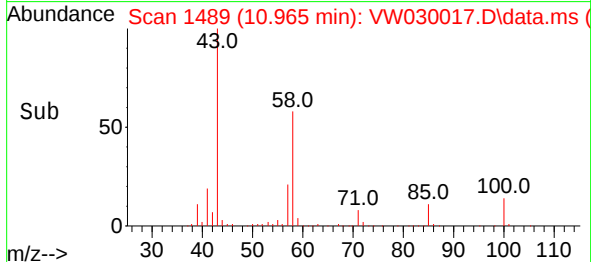
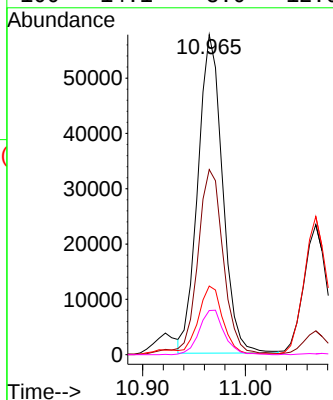
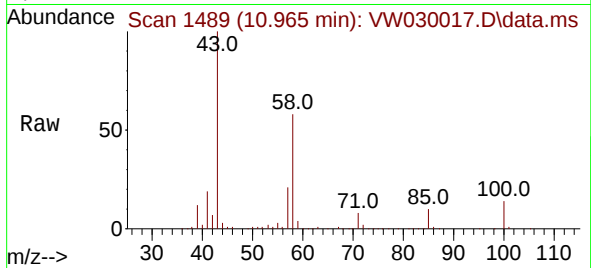




#48
2-Hexanone
Concen: 27.823 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

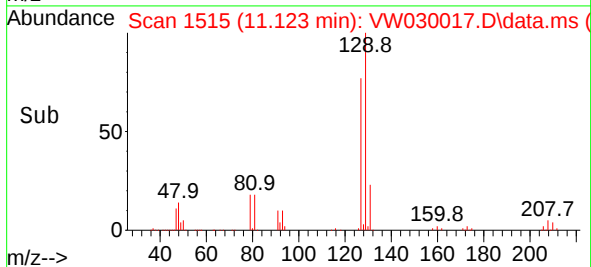
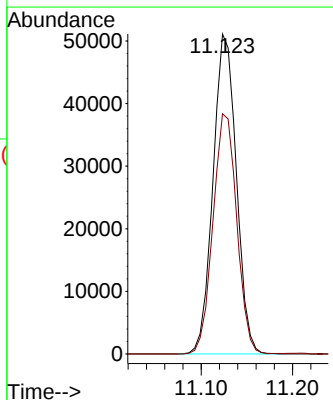
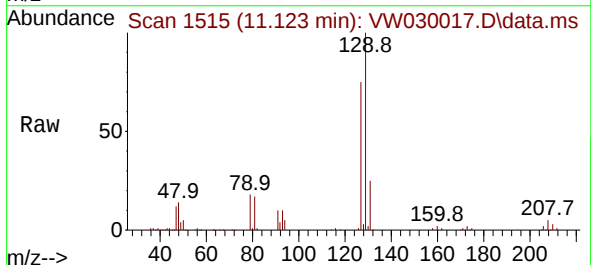
Instrument :
MSVOA_W
ClientSampleId :

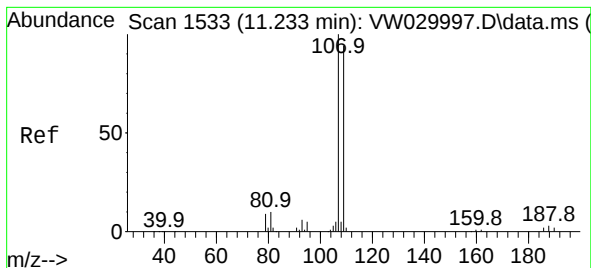
Tgt Ion: 43	Resp: 96208
Ion Ratio	Lower Upper
43	100
58	59.6 41.0 61.4
57	21.4 14.1 21.1#
100	14.1 8.0 12.0#



#49
Dibromochloromethane
Concen: 17.879 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion: 129	Resp: 90630
Ion Ratio	Lower Upper
129	100
127	75.0 52.4 97.2





#50

1,2-Dibromoethane

Concen: 17.720 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

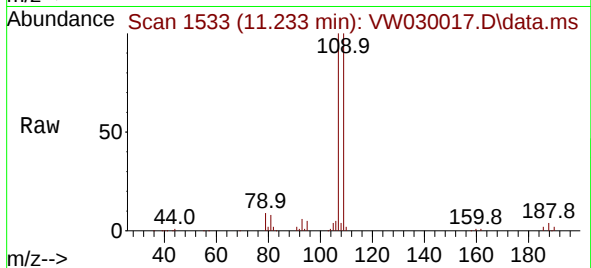
Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

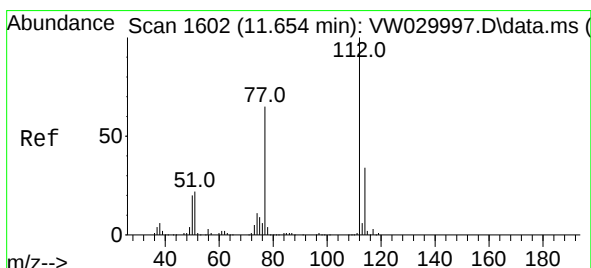
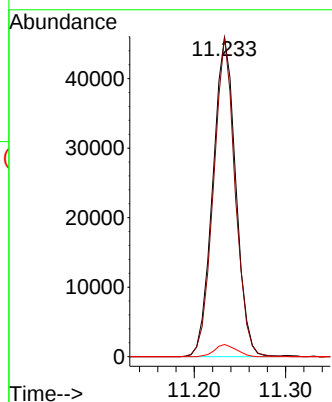
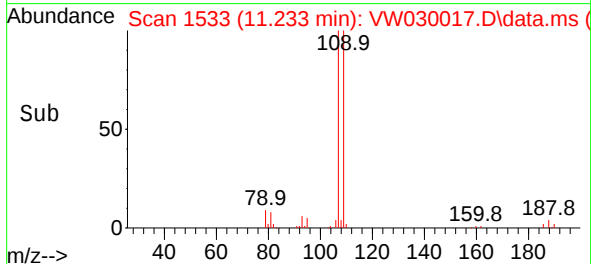
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	107	Resp:	80063
Ion Ratio	Lower	Upper	
107	100		
109	100.2	64.8	120.3
188	3.8	2.7	4.1



#51

Chlorobenzene

Concen: 15.487 ug/L

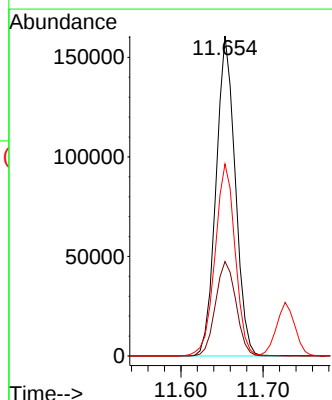
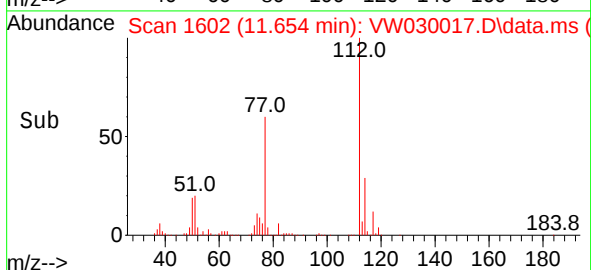
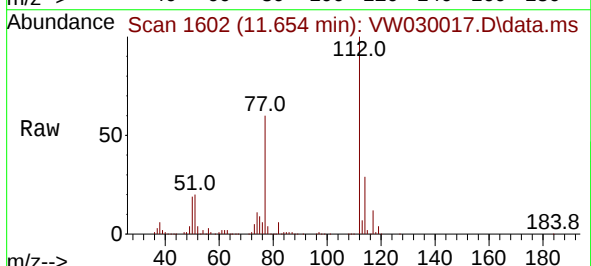
RT: 11.654 min Scan# 1602

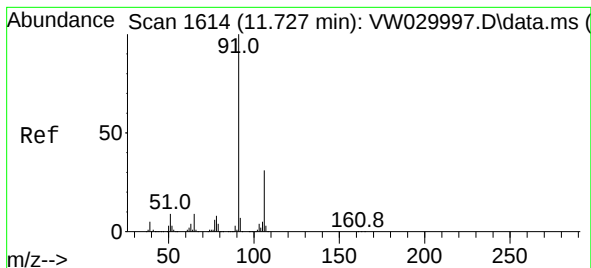
Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Tgt Ion:	112	Resp:	260803
Ion Ratio	Lower	Upper	
112	100		
114	29.5	22.0	40.8
77	60.0	53.8	80.8





#52

Ethylbenzene

Concen: 15.195 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

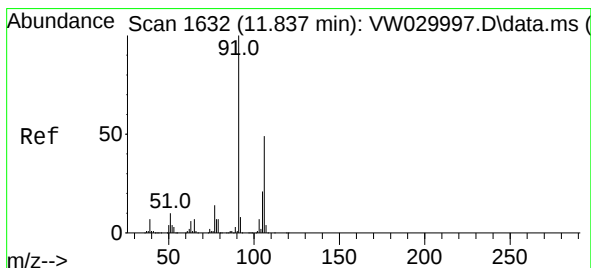
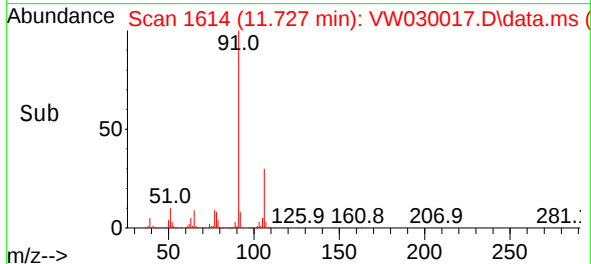
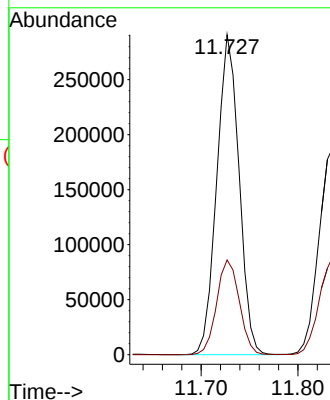
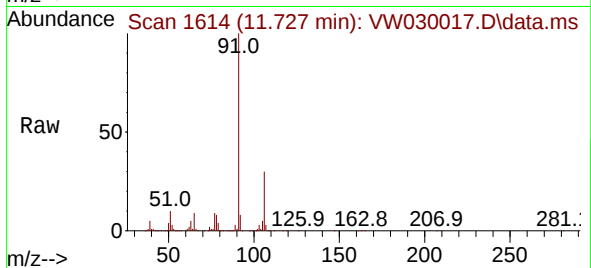
ClientSampleId :

Tgt Ion: 91 Resp: 464046

Ion Ratio Lower Upper

91 100

106 29.6 20.4 38.0



#53

m,p-Xylene

Concen: 15.000 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030017.D

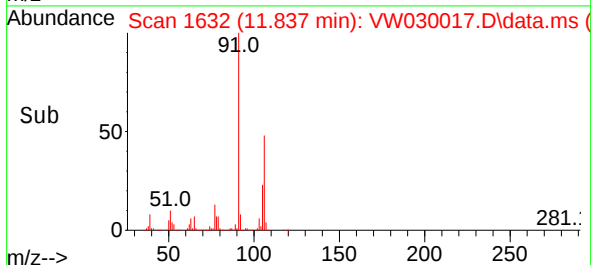
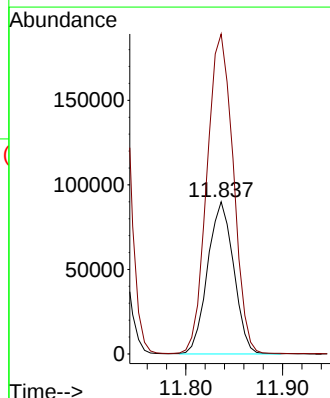
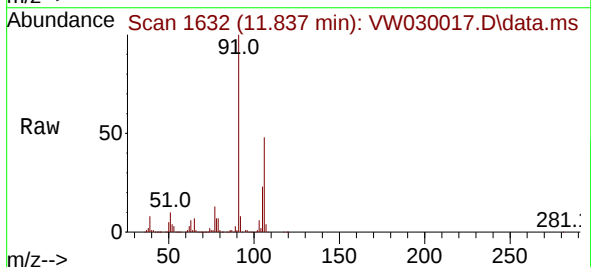
Acq: 23 Aug 2024 17:54

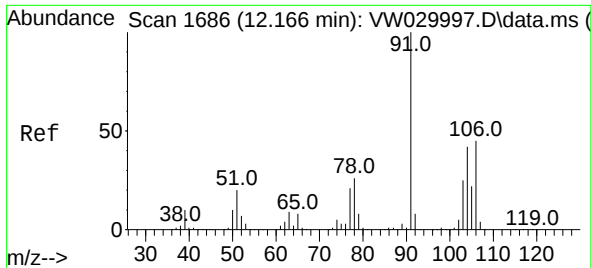
Tgt Ion:106 Resp: 168473

Ion Ratio Lower Upper

106 100

91 210.2 151.4 281.2

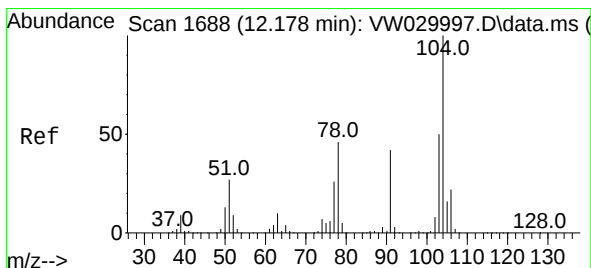
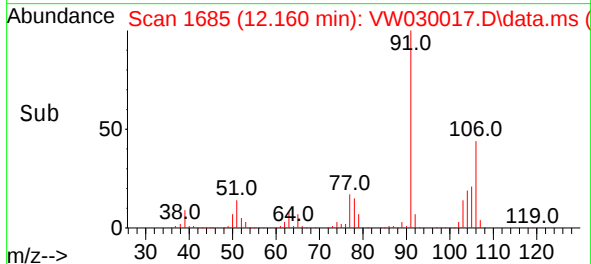
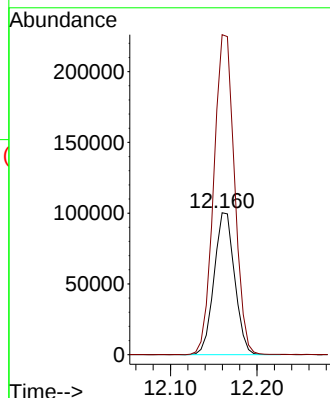
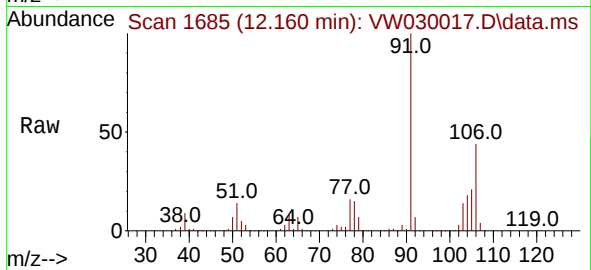




#54
o-Xylene
Concen: 16.002 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

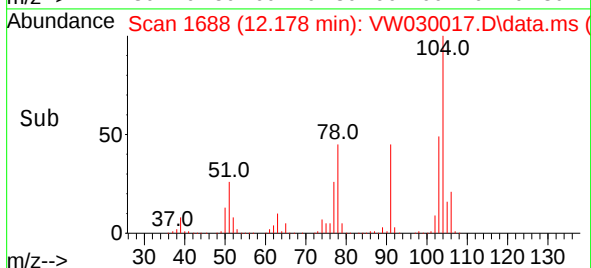
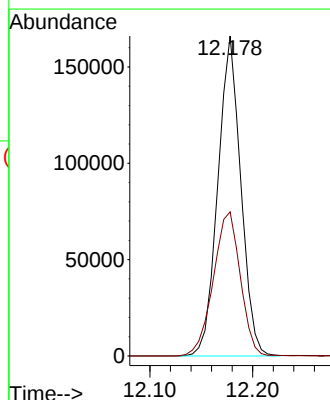
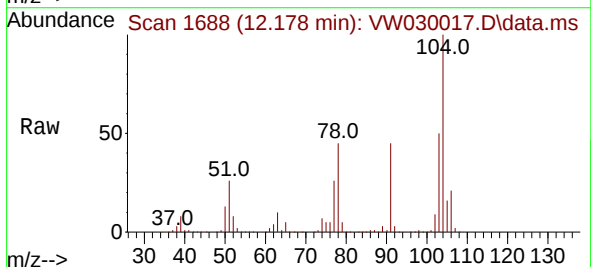
Instrument :
MSVOA_W
ClientSampleId :

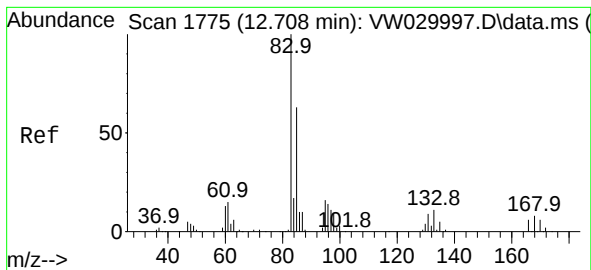
Tgt Ion:106 Resp: 165508
Ion Ratio Lower Upper
106 100
91 225.4 155.8 289.4



#55
Styrene
Concen: 14.333 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion:104 Resp: 256960
Ion Ratio Lower Upper
104 100
78 45.0 33.3 61.9





#57

1,1,2,2-Tetrachloroethane

Concen: 15.897 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW030017.D

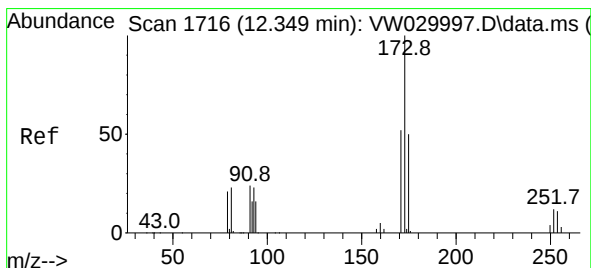
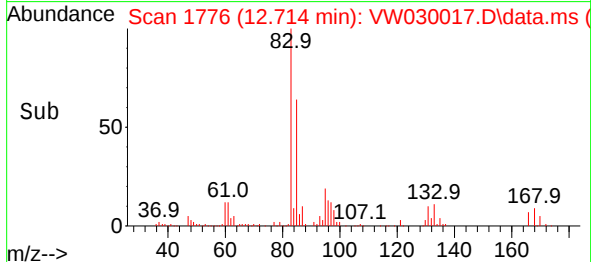
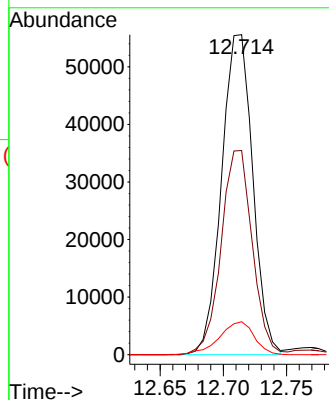
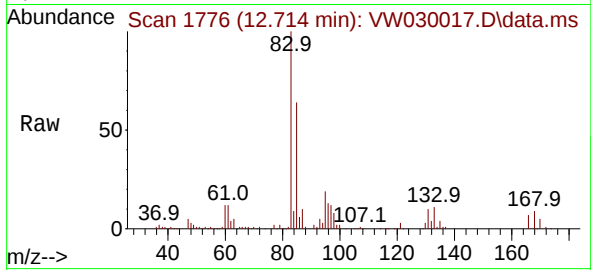
Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	95274
Ion Ratio	Lower	Upper	
83	100		
85	63.8	44.2	82.0
131	10.3	6.2	9.2#



#59

Bromoform

Concen: 24.095 ug/L

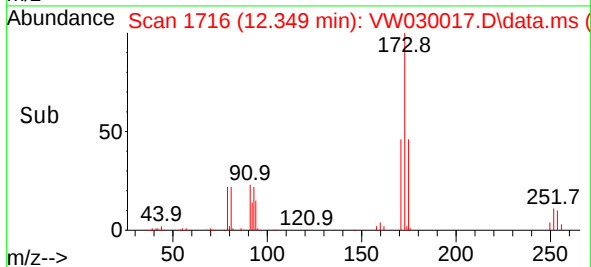
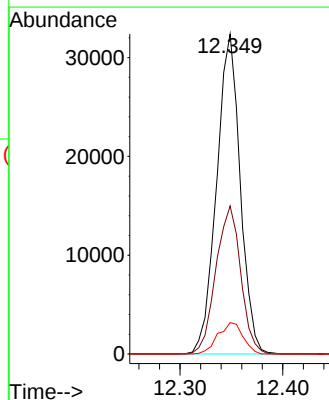
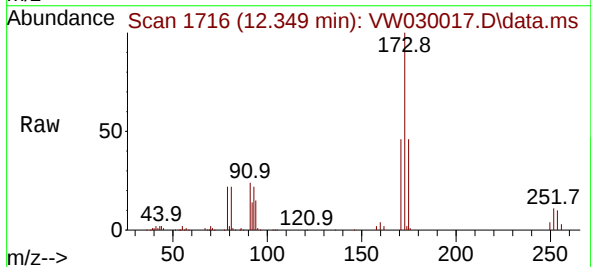
RT: 12.349 min Scan# 1716

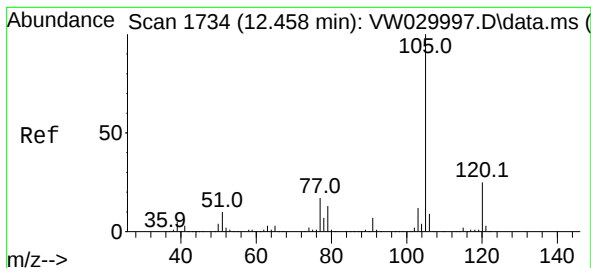
Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Tgt Ion:	173	Resp:	51649
Ion Ratio	Lower	Upper	
173	100		
175	48.5	38.1	57.1
254	10.4	7.8	11.6





#60

Isopropylbenzene

Concen: 20.183 ug/L

RT: 12.458 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

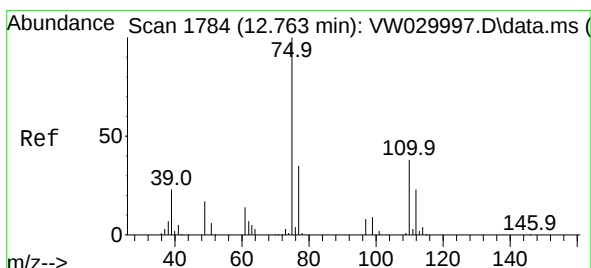
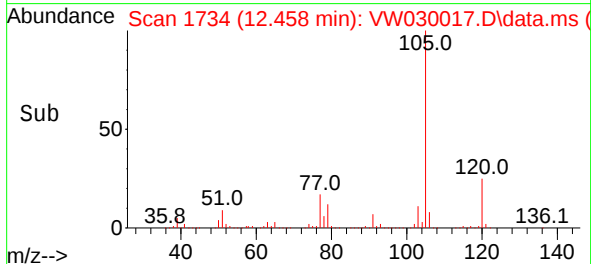
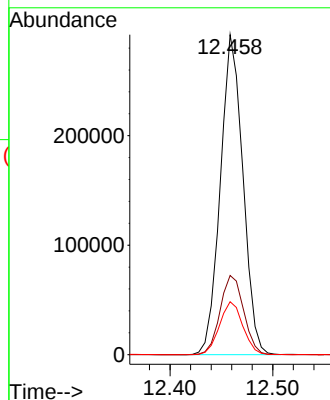
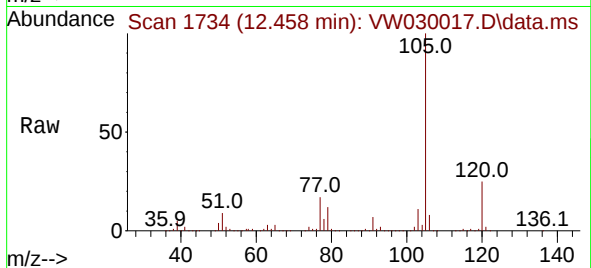
Tgt Ion:105 Resp: 444913

Ion Ratio Lower Upper

105 100

120 25.9 20.3 30.5

77 17.1 14.0 21.0



#61

1,2,3-Trichloropropane

Concen: 20.087 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

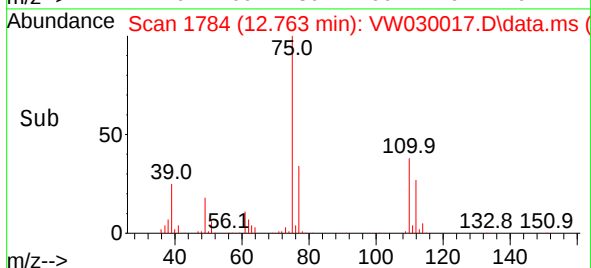
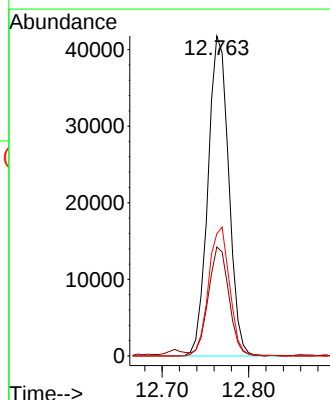
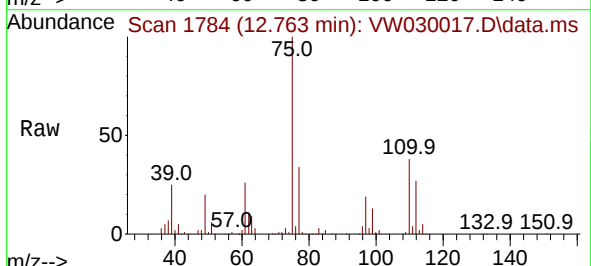
Tgt Ion: 75 Resp: 69596

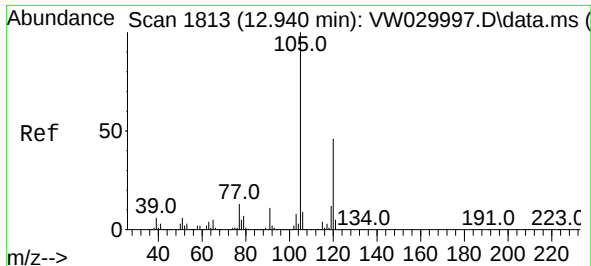
Ion Ratio Lower Upper

75 100

77 33.8 25.4 38.0

110 40.9 28.6 43.0

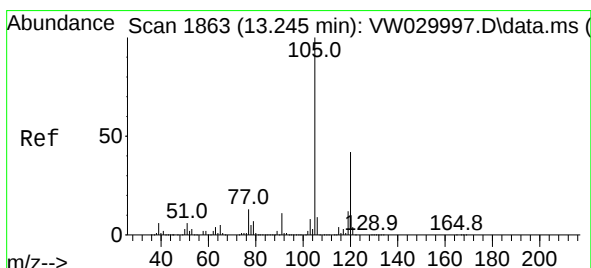
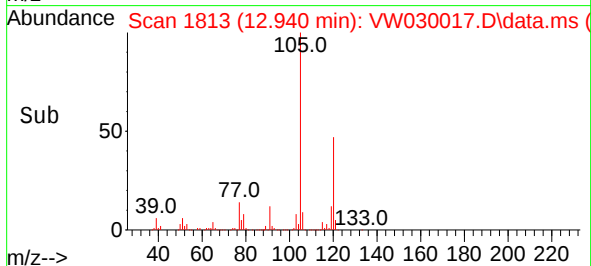
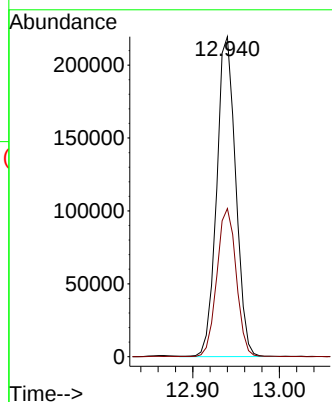
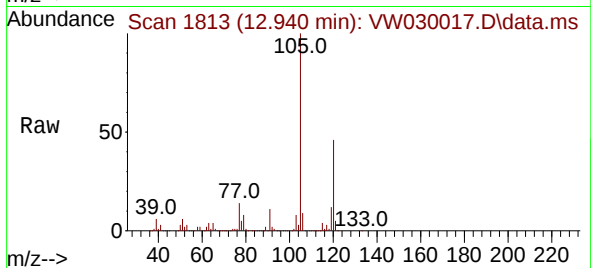




#62
1,3,5-Trimethylbenzene
Concen: 20.438 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

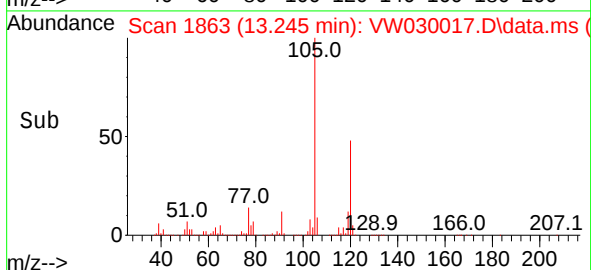
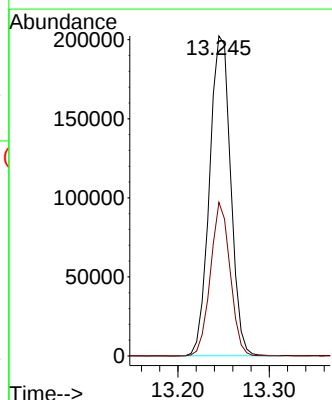
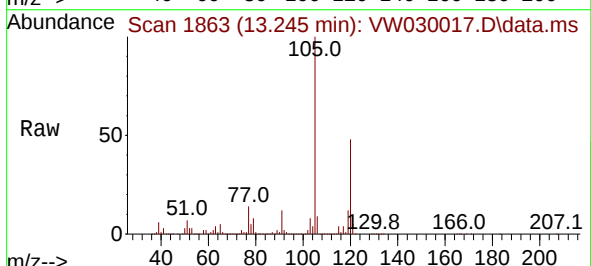
Instrument :
MSVOA_W
ClientSampleId :

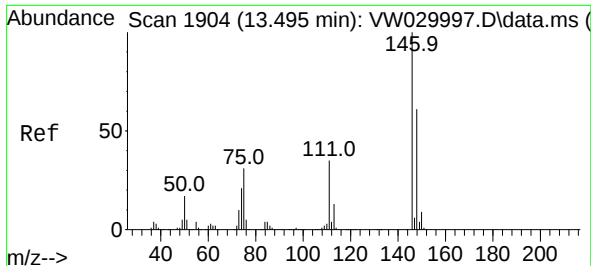
Tgt Ion:105 Resp: 334880
Ion Ratio Lower Upper
105 100
120 46.9 38.2 57.2



#63
1,2,4-Trimethylbenzene
Concen: 18.541 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion:105 Resp: 324905
Ion Ratio Lower Upper
105 100
120 44.5 35.4 53.0





#64

1,3-Dichlorobenzene

Concen: 16.712 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :

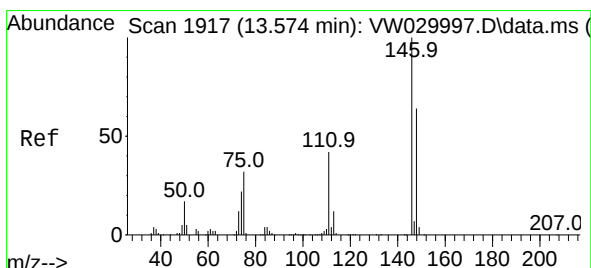
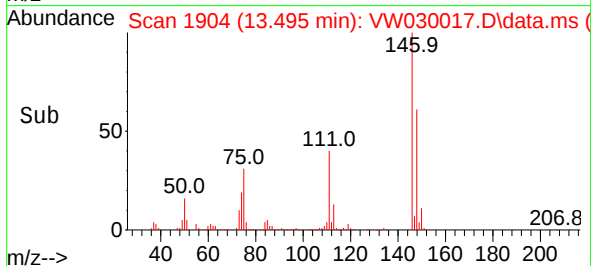
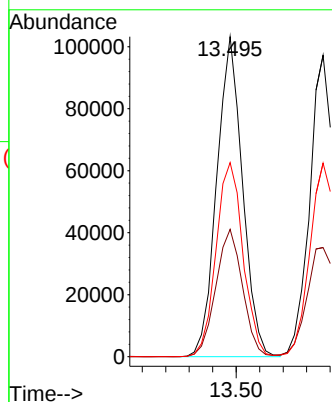
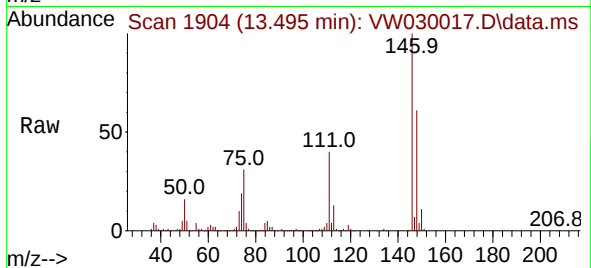
Tgt Ion:146 Resp: 157184

Ion Ratio Lower Upper

146 100

111 39.8 28.7 53.3

148 60.6 43.4 80.6



#65

1,4-Dichlorobenzene

Concen: 15.615 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

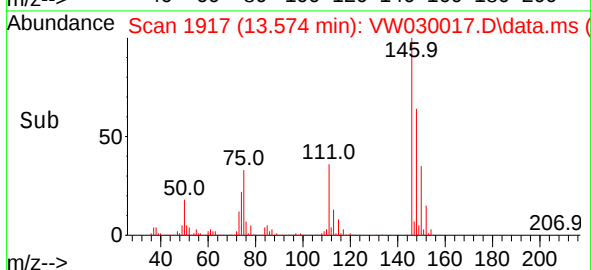
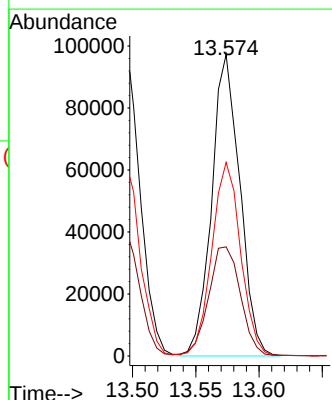
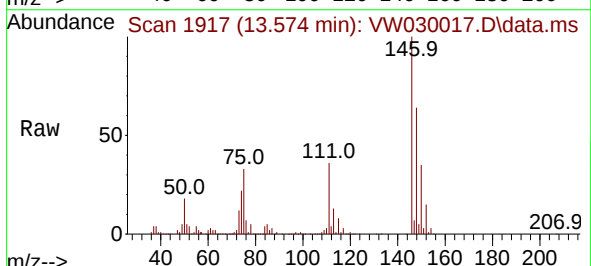
Tgt Ion:146 Resp: 150858

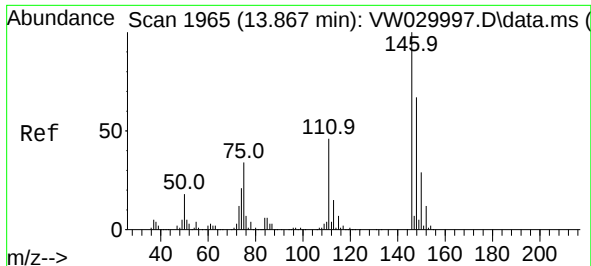
Ion Ratio Lower Upper

146 100

111 36.2 30.1 55.9

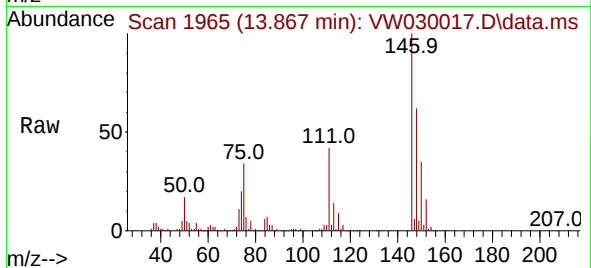
148 64.3 45.4 84.4



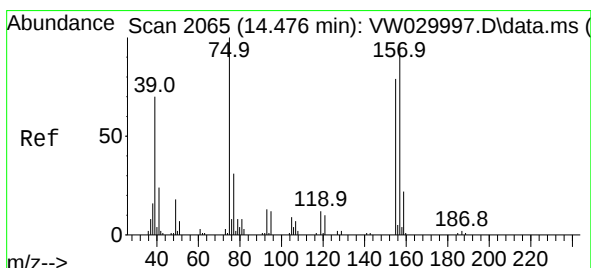
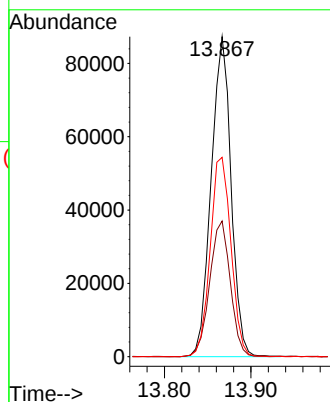
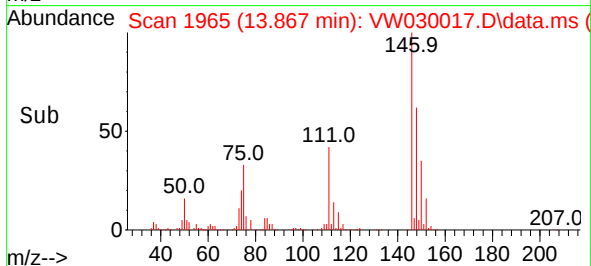


#67
1,2-Dichlorobenzene
Concen: 16.286 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

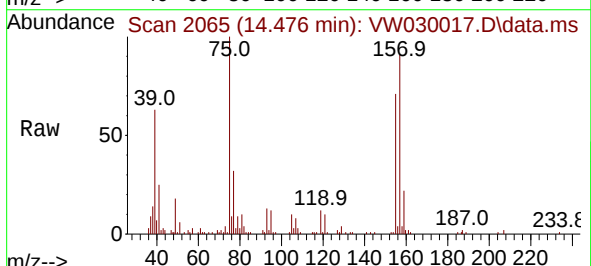
Instrument :
MSVOA_W
ClientSampleId :



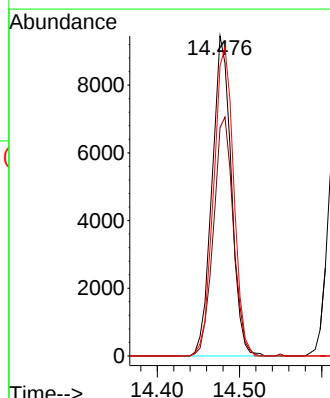
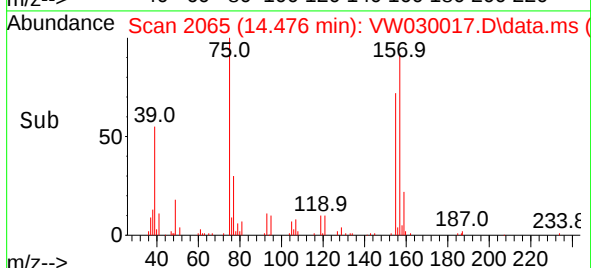
Tgt Ion:146 Resp: 139456
Ion Ratio Lower Upper
146 100
111 42.4 35.8 53.8
148 62.3 52.6 78.8

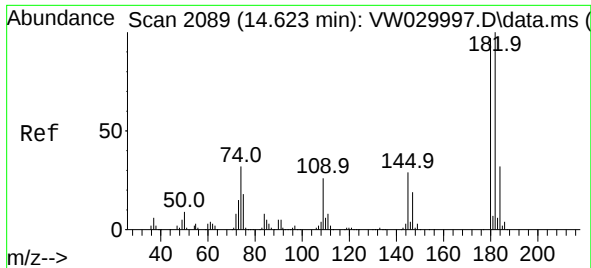


#68
1,2-Dibromo-3-chloropropane
Concen: 19.517 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54



Tgt Ion: 75 Resp: 15354
Ion Ratio Lower Upper
75 100
155 71.4 47.8 71.6
157 90.7 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 12.340 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

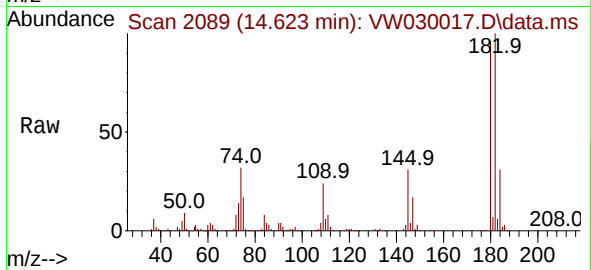
Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 79411

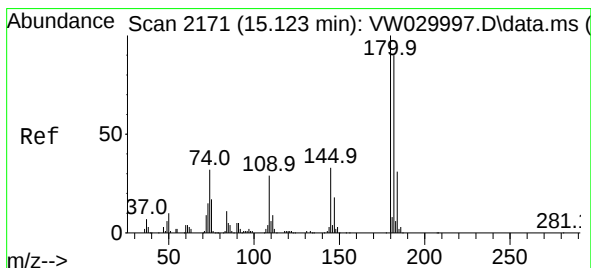
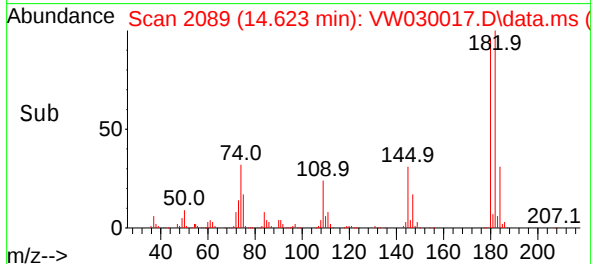
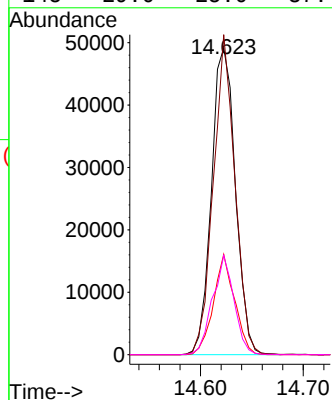
Ion Ratio Lower Upper

180 100

182 94.0 72.7 109.1

184 29.0 23.3 34.9

145 29.0 25.0 37.4



#70

1,2,4-trichlorobenzene

Concen: 10.630 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW030017.D

Acq: 23 Aug 2024 17:54

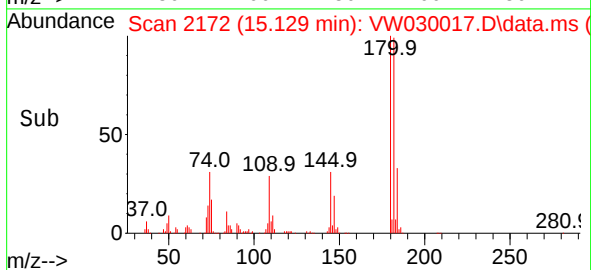
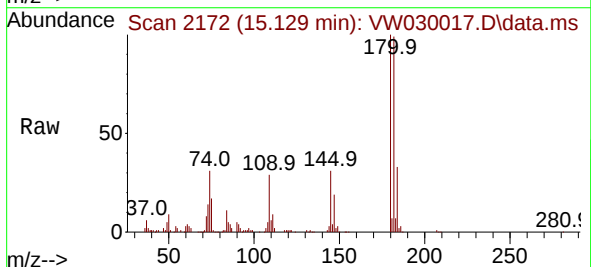
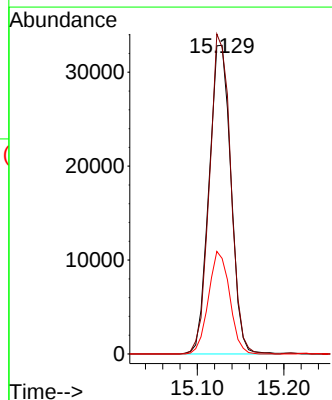
Tgt Ion:180 Resp: 57631

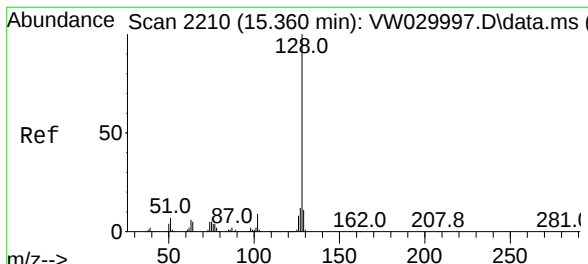
Ion Ratio Lower Upper

180 100

182 100.5 80.2 120.4

145 32.2 26.3 39.5



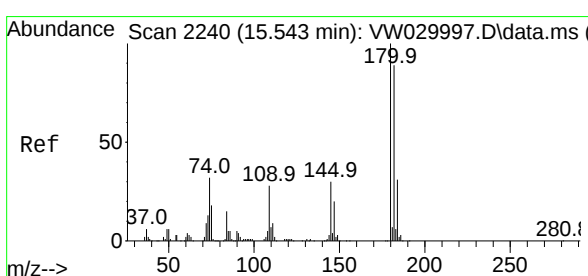
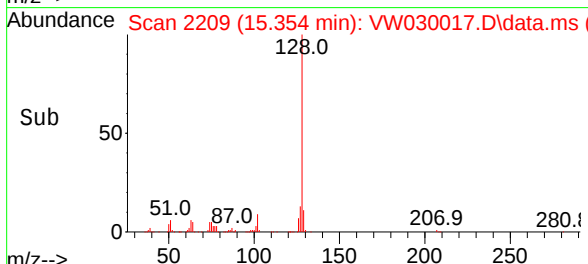
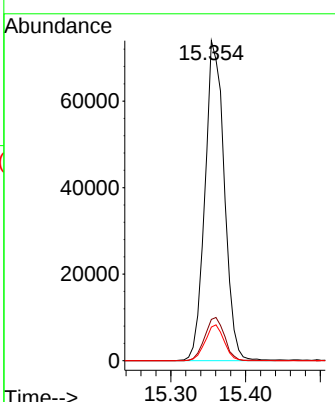
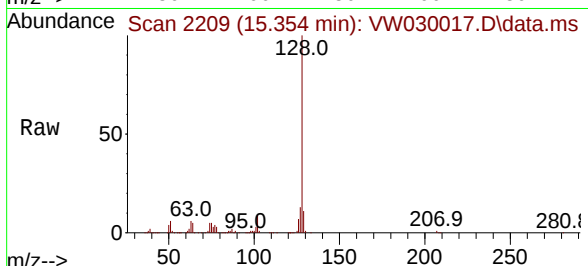


#71
Naphthalene
Concen: 12.837 ug/L
RT: 15.354 min Scan# 2210
Delta R.T. -0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 132788

Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.7	16.1
129	10.9	8.9	13.3



#72
1,2,3-Trichlorobenzene
Concen: 9.798 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.006 min
Lab File: VW030017.D
Acq: 23 Aug 2024 17:54

Tgt Ion:180 Resp: 48075

Ion	Ratio	Lower	Upper
180	100		
182	91.6	74.0	111.0
145	32.0	27.5	41.3

