

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
 Data File : VW029338.D
 Acq On : 25 Jun 2024 09:04
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 26 02:18:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jun 25 01:37:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	283558	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	263990	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	128556	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	80959	20.628	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	82.520%
7) Chloroethane-d5	2.899	69	65998	19.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
11) 1,1-Dichloroethene-d2	4.021	65	38655	20.398	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.600%
21) 2-Butanone-d5	7.075	46	52912	45.061	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.120%
24) Chloroform-d	7.654	84	188561	22.292	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	8.307	65	105088	21.638	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.560%
32) Benzene-d6	8.276	84	359451	22.417	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.680%
36) 1,2-Dichloropropane-d6	9.276	67	114750	22.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	10.325	98	324372	22.865	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.440%
43) trans-1,3-Dichloroprop...	10.575	79	44873	21.846	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.400%
47) 2-Hexanone-d5	10.922	63	36999	46.305	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.600%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90545	22.320	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.280%
66) 1,2-Dichlorobenzene-d4	13.849	152	103513	23.197	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	55157	19.938	ug/L	99
3) Chloromethane	2.223	50	74400	18.861	ug/L	95
5) Vinyl chloride	2.375	62	98108	21.658	ug/L	99
6) Bromomethane	2.790	94	54969	20.190	ug/L	91
8) Chloroethane	2.936	64	61380	22.153	ug/L	97
9) Trichlorofluoromethane	3.271	101	86882	24.739	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	37833	9.770	ug/L #	1
12) 1,1-Dichloroethene	4.045	96	78582	23.917	ug/L	77
13) Acetone	4.125	43	65942	66.081	ug/L	97
14) Carbon disulfide	4.387	76	236432	22.044	ug/L	99
15) Methyl Acetate	4.667	43	45273	22.853	ug/L	99
16) Methylene chloride	4.917	84	103309	20.720	ug/L	97
17) trans-1,2-Dichloroethene	5.429	96	87848	24.076	ug/L	97
18) Methyl tert-butyl Ether	5.429	73	138863	23.787	ug/L	99
19) 1,1-Dichloroethane	6.222	63	189071	23.992	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	98290	24.428	ug/L	98
22) 2-Butanone	7.167	43	74526	54.482	ug/L	99
23) Bromochloromethane	7.514	128	41198	23.000	ug/L	94
25) Chloroform	7.679	83	184471	23.972	ug/L	98

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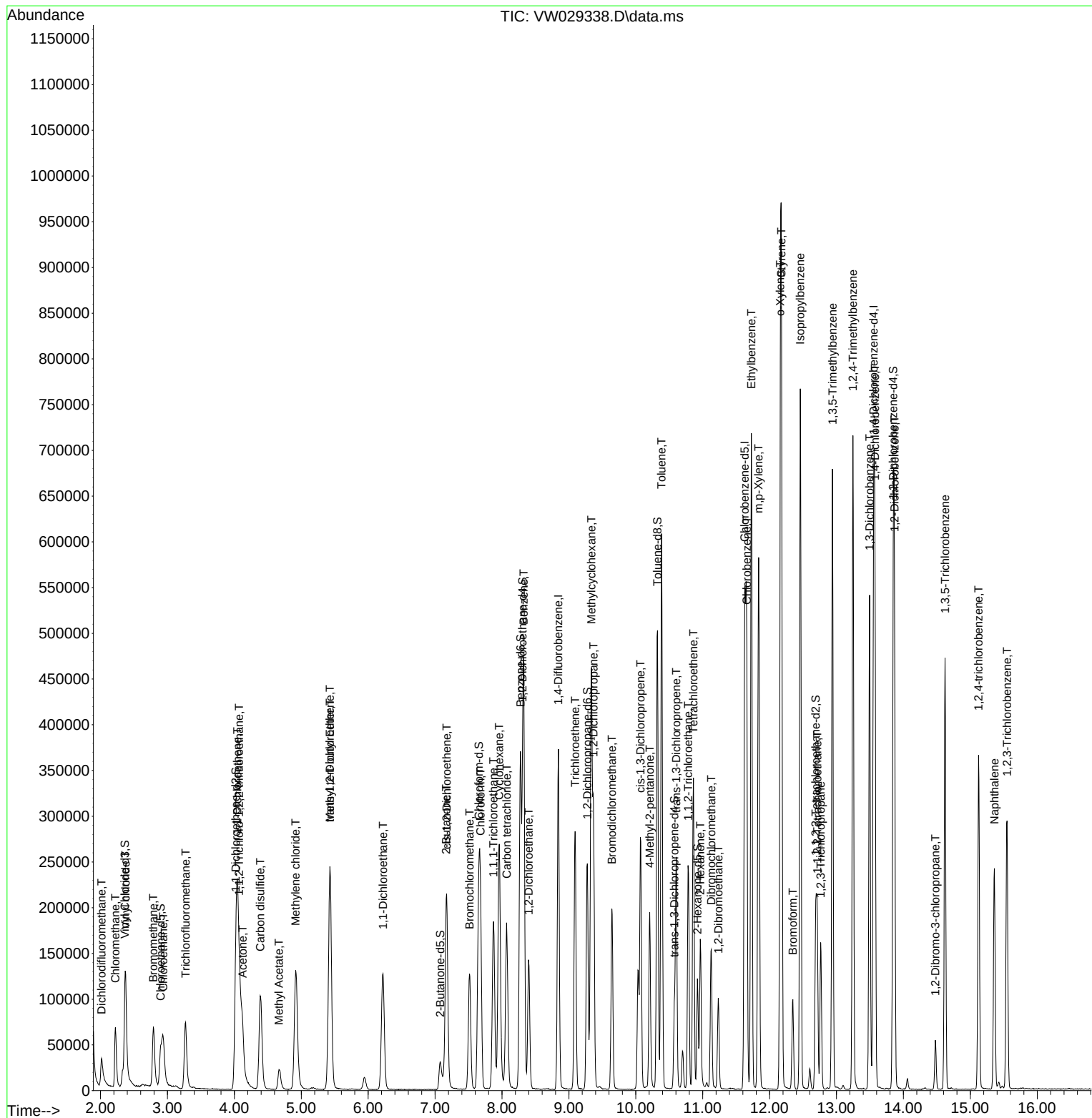
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	130022	22.909	ug/L	100
29) Cyclohexane	7.959	56	149147	24.713	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	147402	25.110	ug/L	97
31) Carbon tetrachloride	8.069	117	131845	24.586	ug/L	97
33) Benzene	8.325	78	397994	25.091	ug/L	100
34) Trichloroethene	9.093	95	101263	23.929	ug/L	99
35) Methylcyclohexane	9.337	83	168488	25.316	ug/L	98
37) 1,2-Dichloropropane	9.368	63	108883	24.429	ug/L	99
38) Bromodichloromethane	9.642	83	132761	24.362	ug/L	97
39) cis-1,3-Dichloropropene	10.069	75	155986	24.758	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	131407	47.567	ug/L	99
42) Toluene	10.386	91	412066	25.270	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	131612	24.739	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	74642	24.045	ug/L	98
46) Tetrachloroethene	10.861	164	72484	24.502	ug/L	87
48) 2-Hexanone	10.965	43	105190	53.662	ug/L	97
49) Dibromochloromethane	11.129	129	78802	24.285	ug/L	96
50) 1,2-Dibromoethane	11.233	107	65818	23.620	ug/L	96
51) Chlorobenzene	11.660	112	253767	23.965	ug/L	95
52) Ethylbenzene	11.727	91	472379	25.520	ug/L	98
53) m,p-Xylene	11.837	106	174115	25.753	ug/L	99
54) o-Xylene	12.160	106	164724	26.069	ug/L	93
55) Styrene	12.178	104	285431	25.907	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.715	83	88825	23.133	ug/L	96
59) Bromoform	12.349	173	41601	23.611	ug/L	96
60) Isopropylbenzene	12.459	105	456768	26.665	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	65745	23.447	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	341940	27.563	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	359878	26.962	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	195179	26.330	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	199270	25.265	ug/L	100
67) 1,2-Dichlorobenzene	13.867	146	178259	26.012	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	13564	20.729	ug/L	89
69) 1,3,5-Trichlorobenzene	14.623	180	132723	26.529	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	105597	26.038	ug/L	98
71) Naphthalene	15.360	128	194203	24.262	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	92684	25.082	ug/L	95

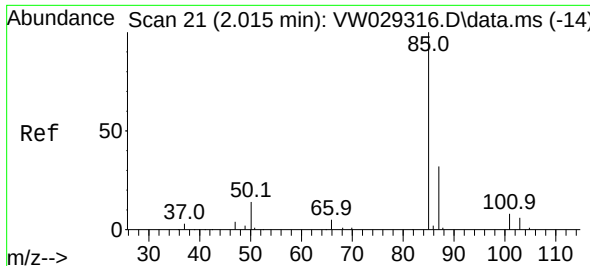
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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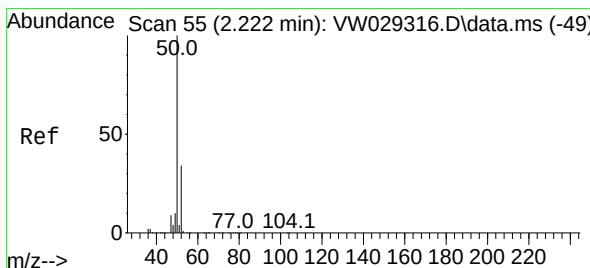
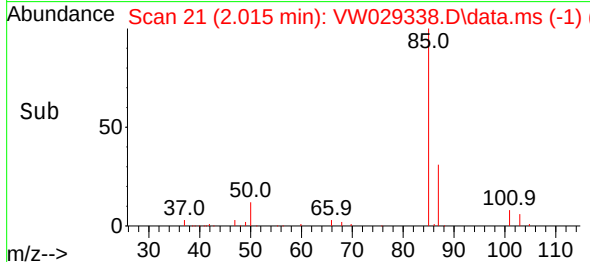
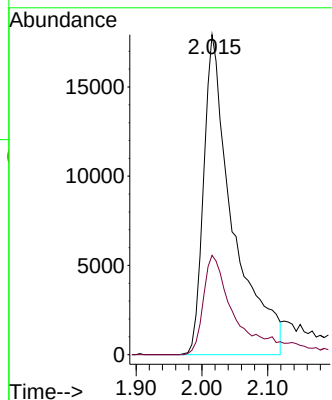
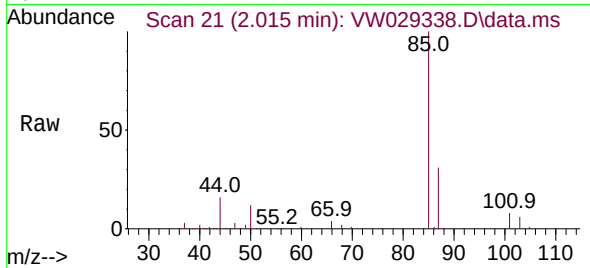




#2
 Dichlorodifluoromethane
 Concen: 19.938 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW029338.D
 Acq: 25 Jun 2024 09:04

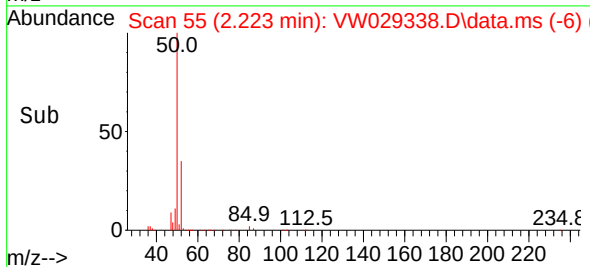
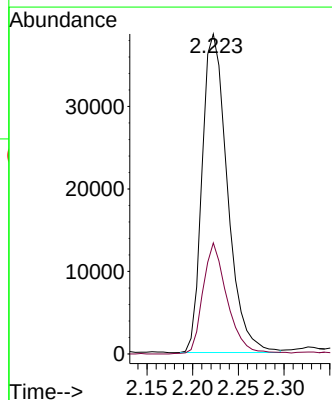
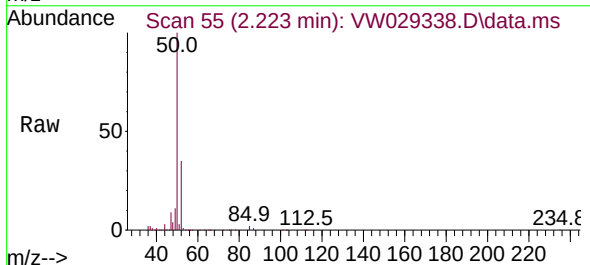
Instrument :
 MSVOA_W
 ClientSampleId :

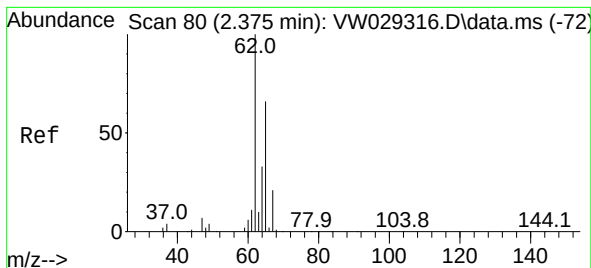
Tgt Ion: 85 Resp: 55157
 Ion Ratio Lower Upper
 85 100
 87 30.4 23.8 35.6



#3
 Chloromethane
 Concen: 18.861 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VW029338.D
 Acq: 25 Jun 2024 09:04

Tgt Ion: 50 Resp: 74400
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.3 41.5





#5

Vinyl chloride

Concen: 21.658 ug/L

RT: 2.375 min Scan# 80

Delta R.T. 0.000 min

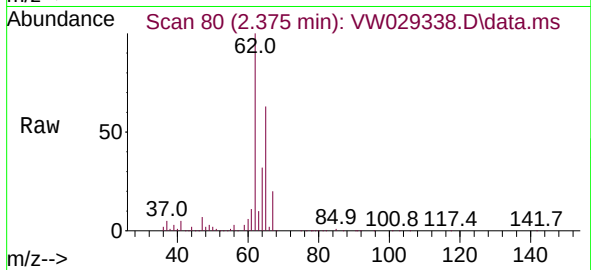
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Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

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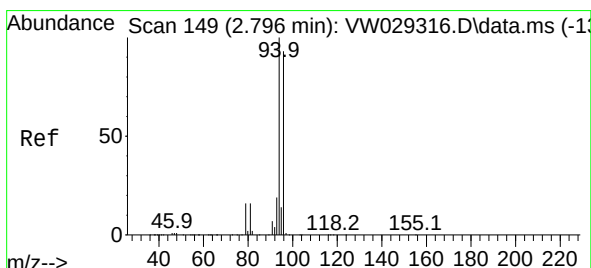
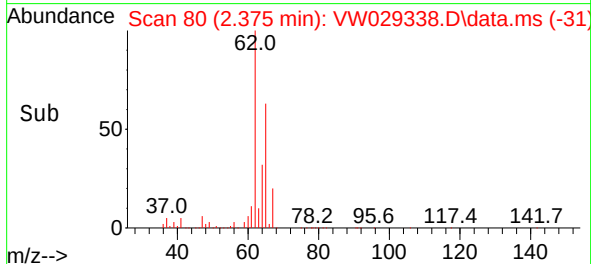
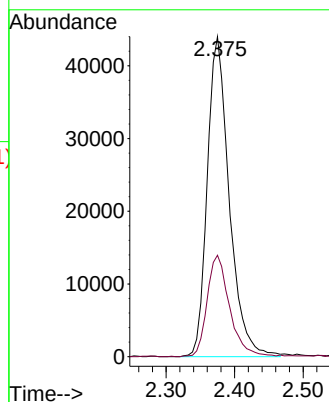


Tgt Ion: 62 Resp: 98108

Ion Ratio Lower Upper

62 100

64 31.7 22.0 40.8



#6

Bromomethane

Concen: 20.190 ug/L

RT: 2.790 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW029338.D

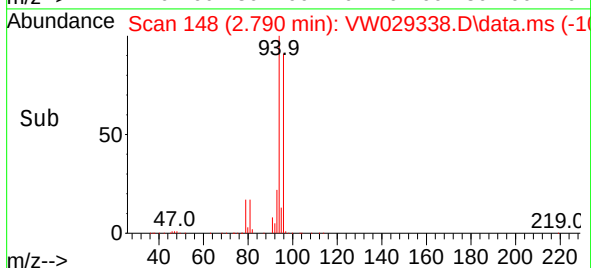
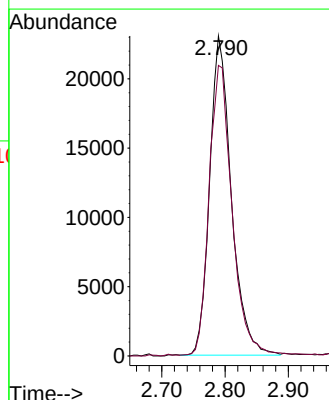
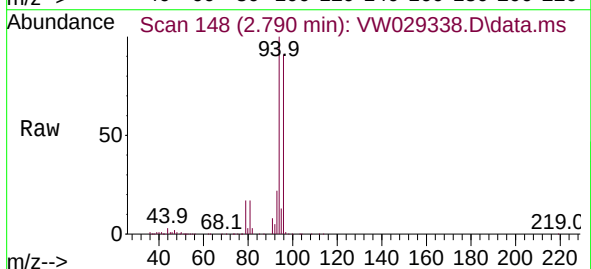
Acq: 25 Jun 2024 09:04

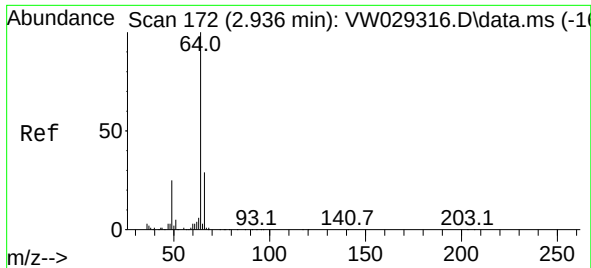
Tgt Ion: 94 Resp: 54969

Ion Ratio Lower Upper

94 100

96 90.8 69.5 129.1

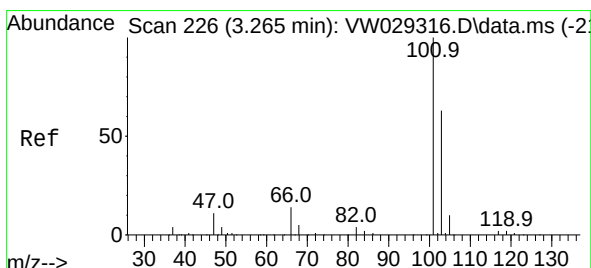
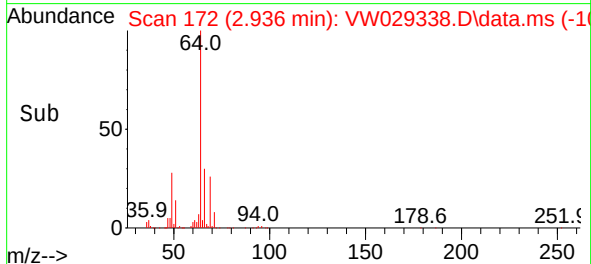
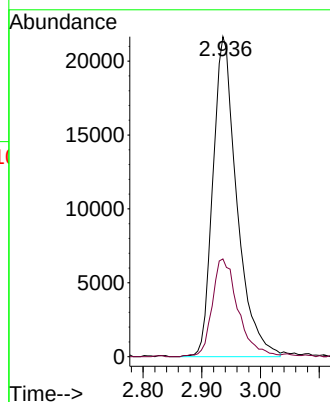
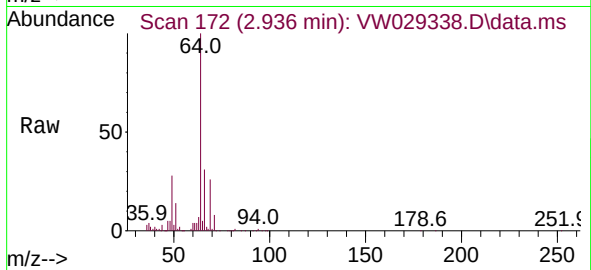




#8
Chloroethane
Concen: 22.153 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

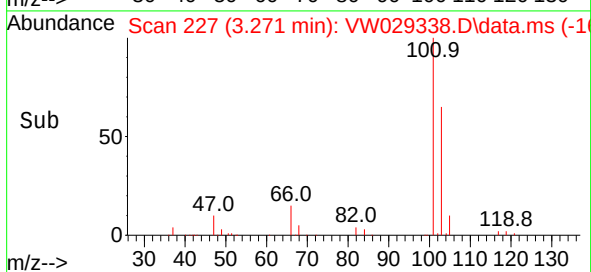
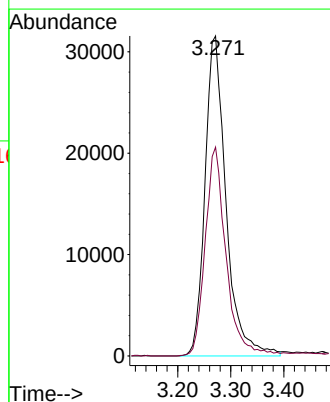
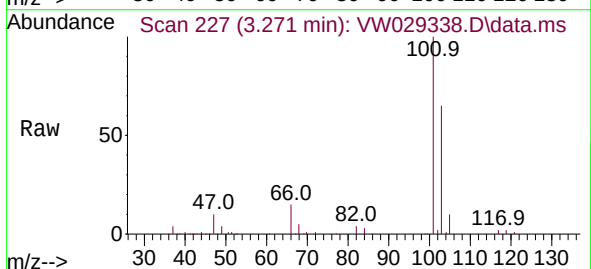
Instrument :
MSVOA_W
ClientSampleId :

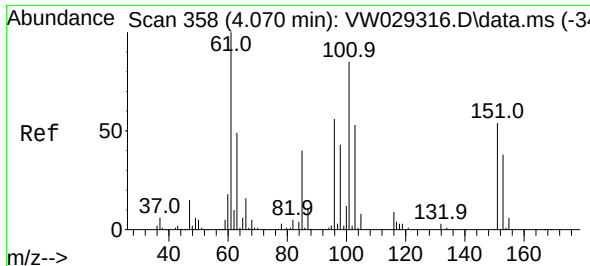
Tgt Ion: 64 Resp: 61380
Ion Ratio Lower Upper
64 100
66 30.5 22.5 41.9



#9
Trichlorofluoromethane
Concen: 24.739 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion:101 Resp: 86882
Ion Ratio Lower Upper
101 100
103 64.8 50.8 76.2





#10

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

Concen: 9.770 ug/L

RT: 4.070 min Scan# 358

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

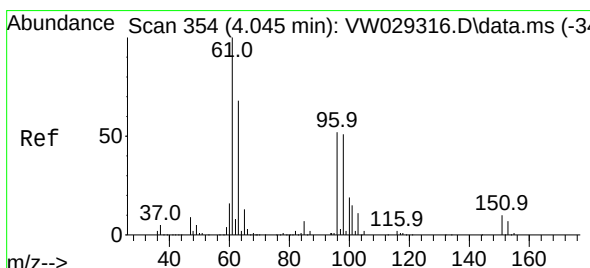
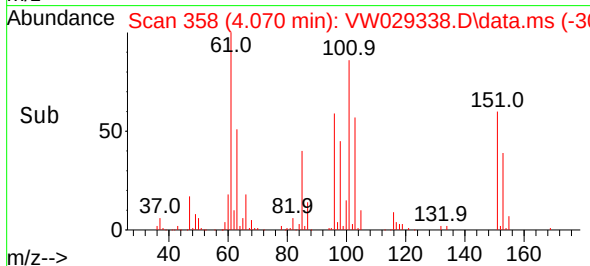
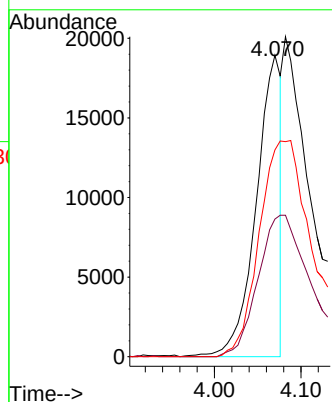
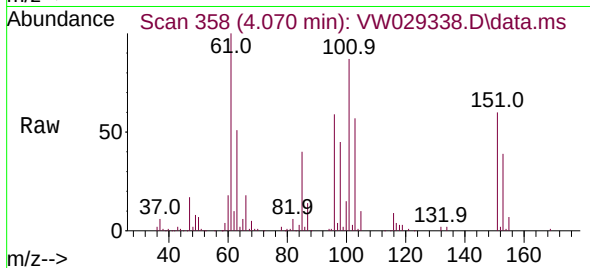
Tgt Ion:101 Resp: 37833

Ion Ratio Lower Upper

101 100

85 105.0 30.2 45.2#

151 154.9 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 23.917 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

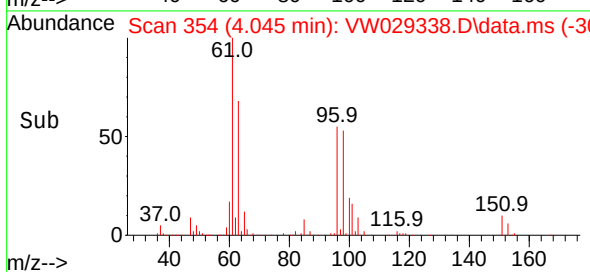
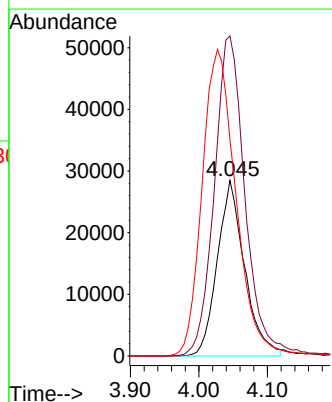
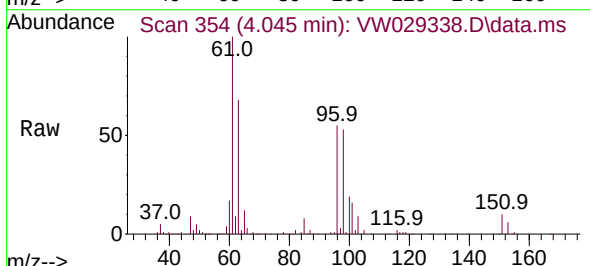
Tgt Ion: 96 Resp: 78582

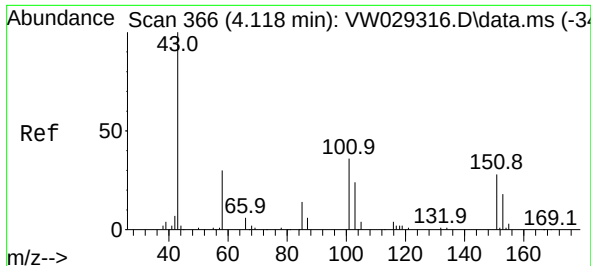
Ion Ratio Lower Upper

96 100

61 182.3 140.1 260.3

63 123.2 122.0 226.6

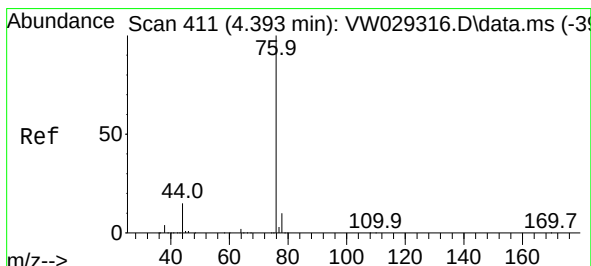
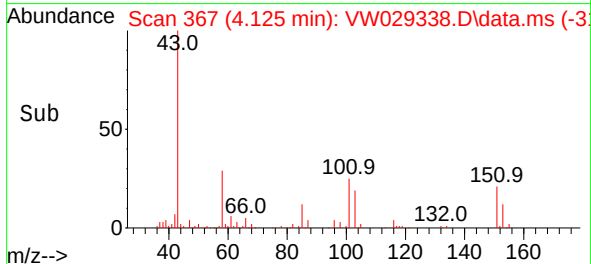
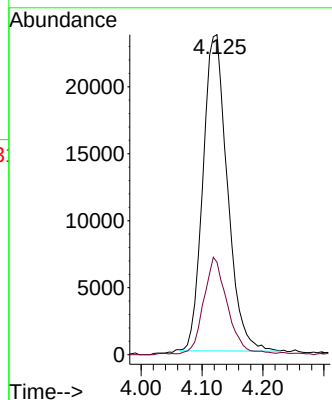
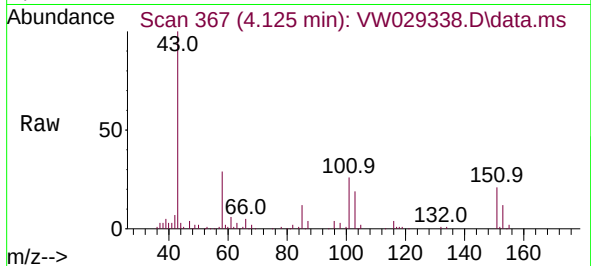




#13
Acetone
Concen: 66.081 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

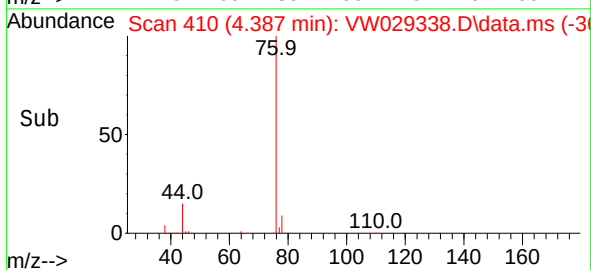
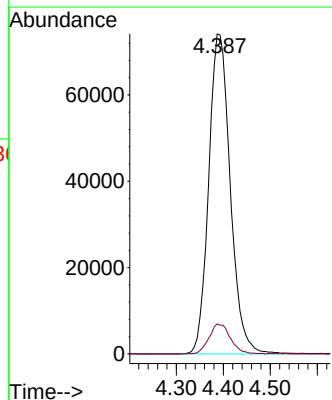
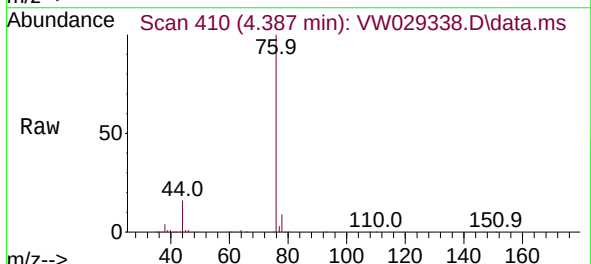
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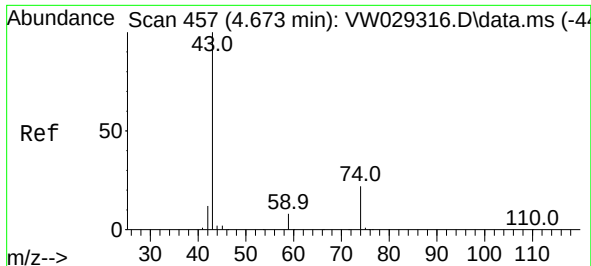
Tgt Ion: 43 Resp: 65942
Ion Ratio Lower Upper
43 100
58 29.0 0.0 61.4



#14
Carbon disulfide
Concen: 22.044 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion: 76 Resp: 236432
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#15

Methyl Acetate

Concen: 22.853 ug/L

RT: 4.667 min Scan# 4

Delta R.T. -0.006 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

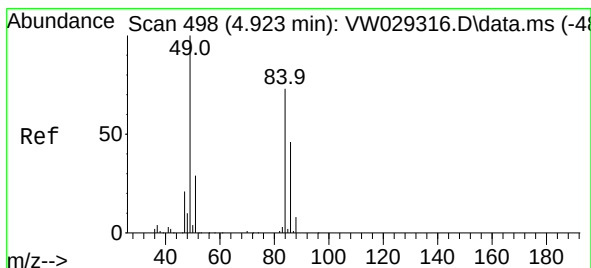
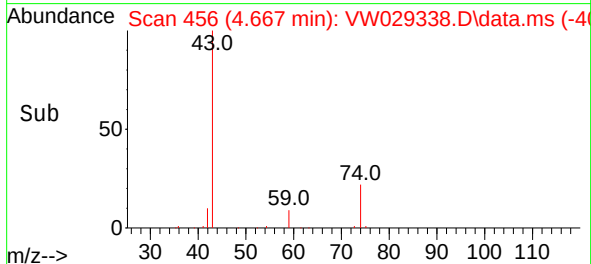
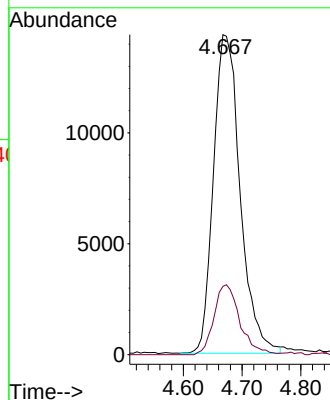
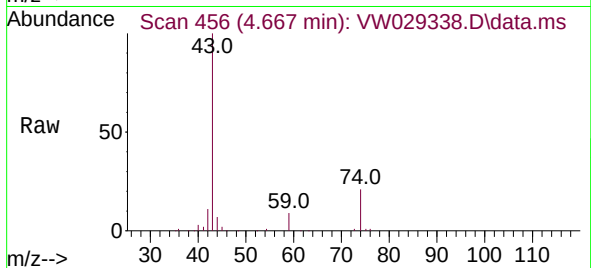
ClientSampleId :

Tgt Ion: 43 Resp: 45273

Ion Ratio Lower Upper

43 100

74 21.2 16.6 25.0



#16

Methylene chloride

Concen: 20.720 ug/L

RT: 4.917 min Scan# 497

Delta R.T. -0.006 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

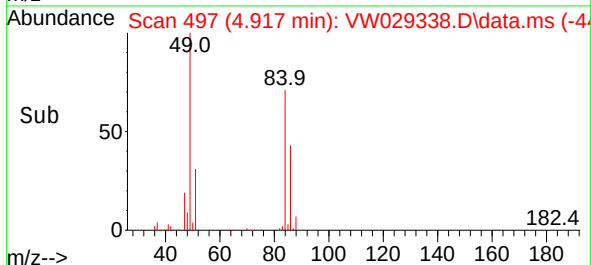
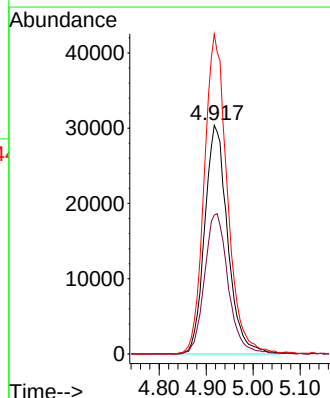
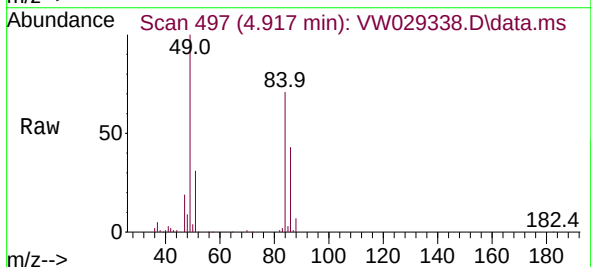
Tgt Ion: 84 Resp: 103309

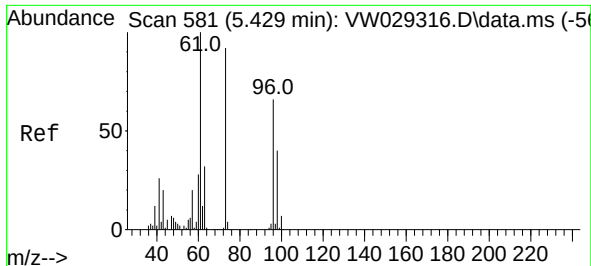
Ion Ratio Lower Upper

84 100

86 60.8 41.4 77.0

49 139.9 95.7 177.7





#17

trans-1,2-Dichloroethene

Concen: 24.076 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

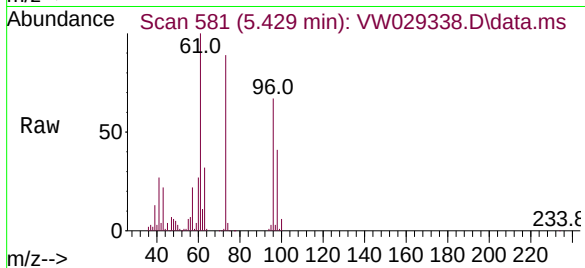
Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :



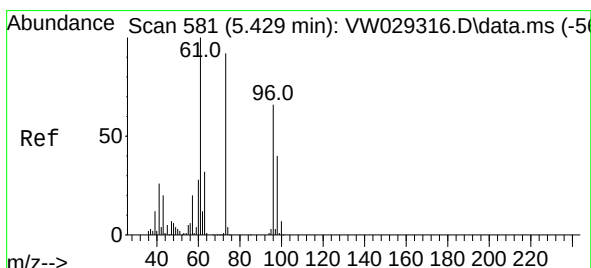
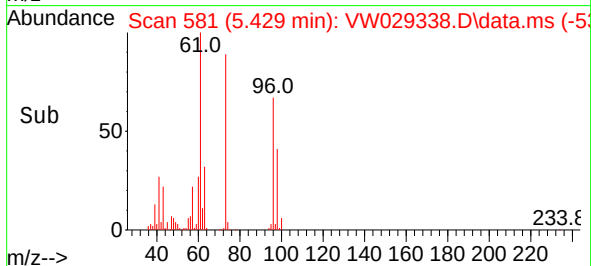
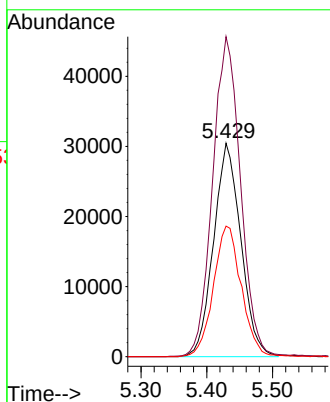
Tgt Ion: 96 Resp: 87848

Ion Ratio Lower Upper

96 100

61 149.9 101.5 188.5

98 61.2 43.3 80.3



#18

Methyl tert-butyl Ether

Concen: 23.787 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

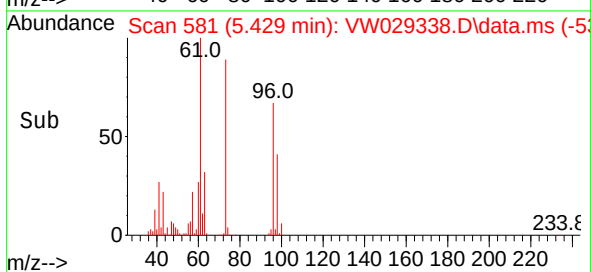
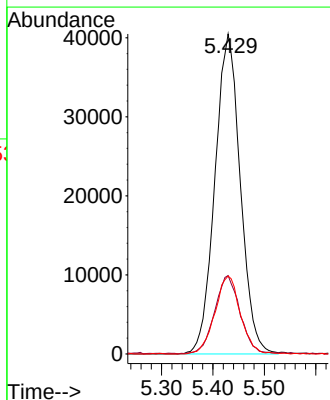
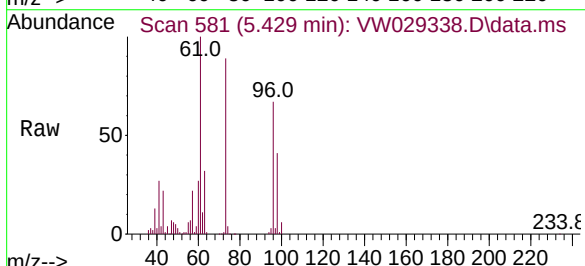
Tgt Ion: 73 Resp: 138863

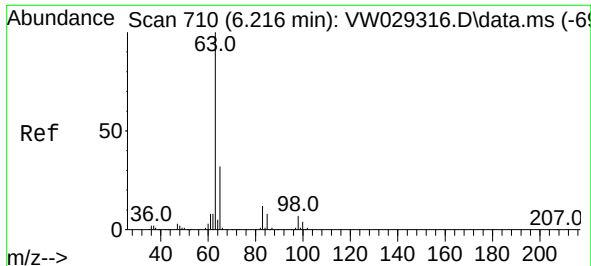
Ion Ratio Lower Upper

73 100

43 24.6 19.5 29.3

57 24.3 18.4 27.6

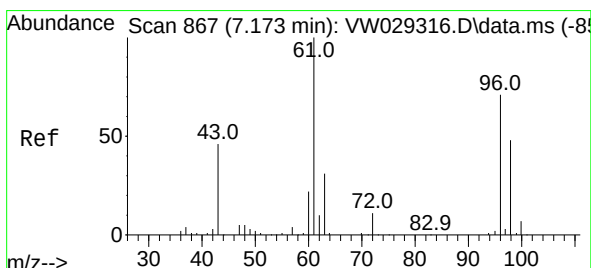
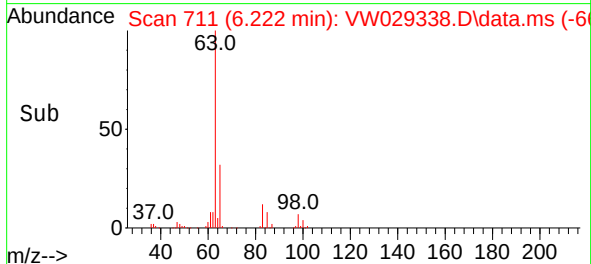
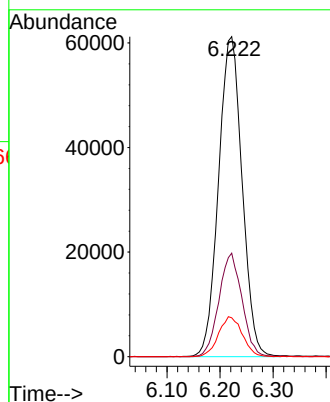
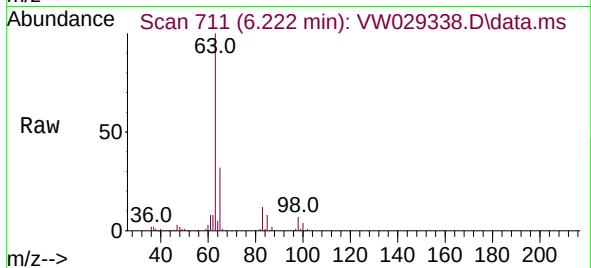




#19
1,1-Dichloroethane
Concen: 23.992 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

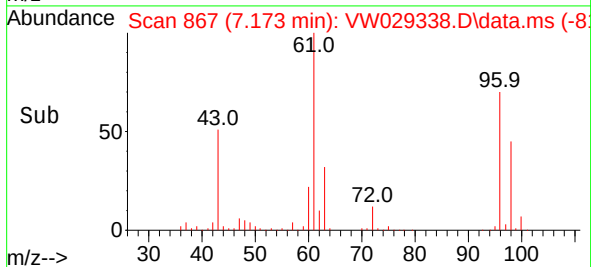
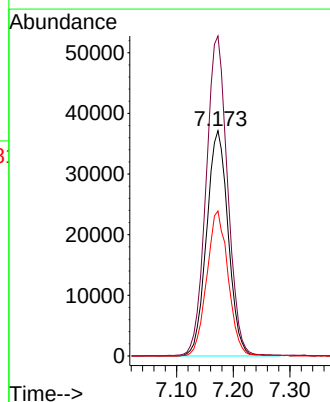
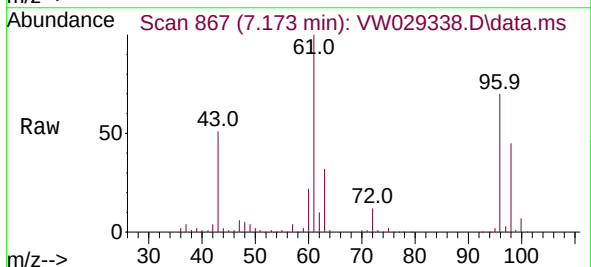
Instrument :
MSVOA_W
ClientSampleId :

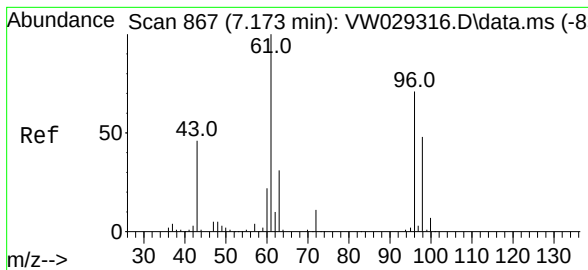
Tgt Ion: 63 Resp: 189071
Ion Ratio Lower Upper
63 100
65 32.3 23.4 43.4
83 12.2 8.9 16.5



#20
cis-1,2-Dichloroethene
Concen: 24.428 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion: 96 Resp: 98290
Ion Ratio Lower Upper
96 100
61 142.0 97.8 181.6
98 64.3 43.0 79.8

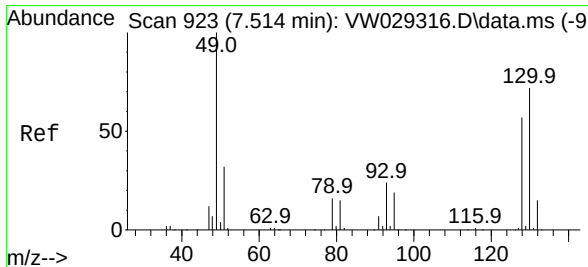
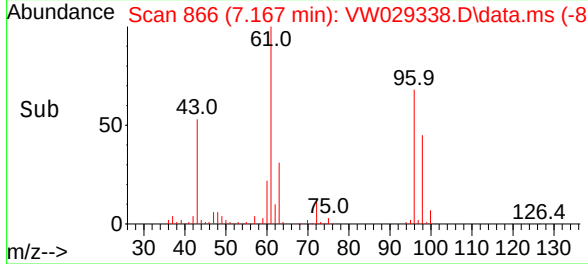
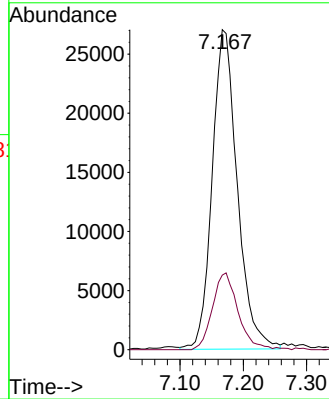
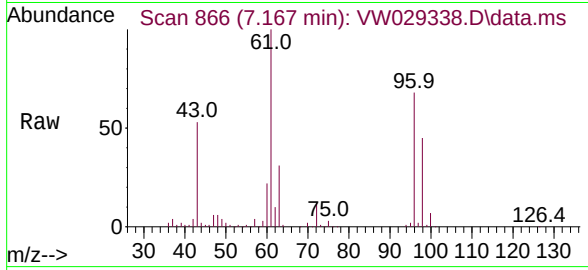




#22
2-Butanone
Concen: 54.482 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

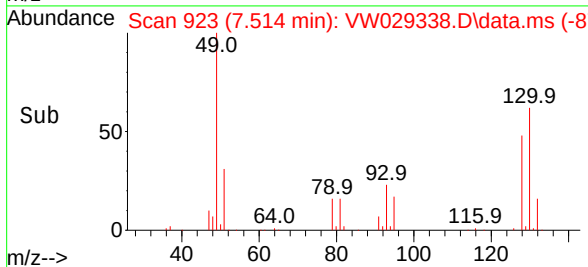
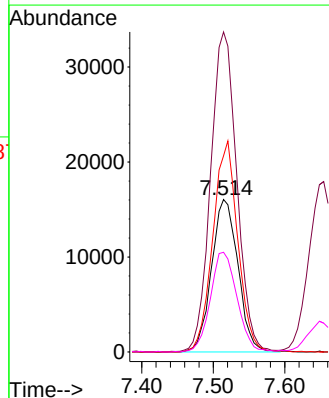
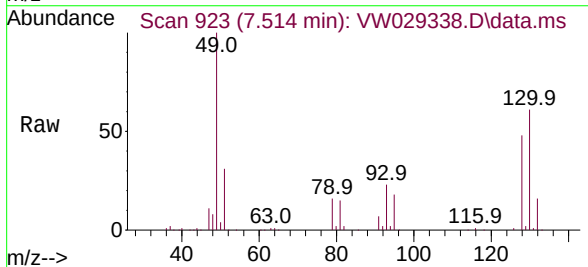
Instrument :
MSVOA_W
ClientSampleId :

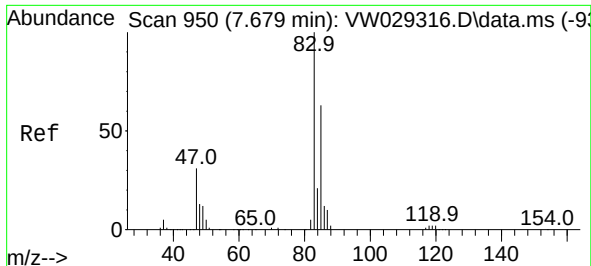
Tgt Ion: 43 Resp: 74526
Ion Ratio Lower Upper
43 100
72 24.2 11.9 35.7



#23
Bromochloromethane
Concen: 23.000 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion:128 Resp: 41198
Ion Ratio Lower Upper
128 100
49 210.0 142.6 264.8
130 128.7 79.7 148.1
51 65.4 52.3 78.5





#25

Chloroform

Concen: 23.972 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

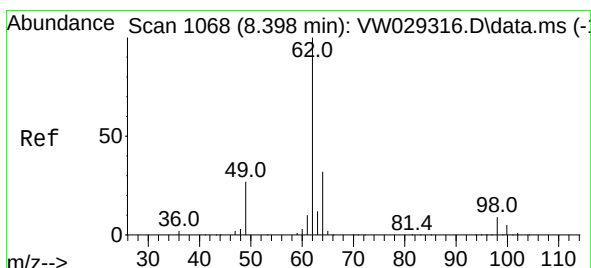
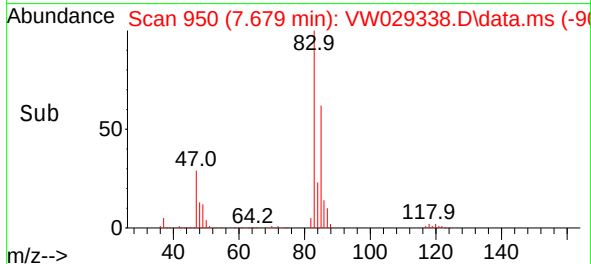
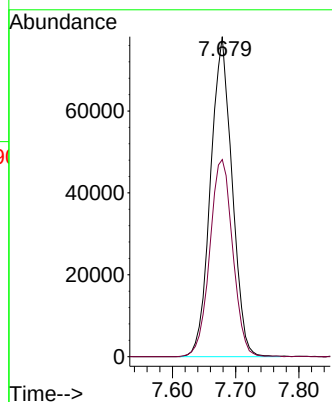
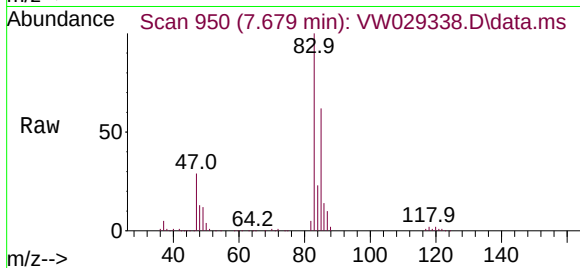
ClientSampleId :

Tgt Ion: 83 Resp: 184471

Ion Ratio Lower Upper

83 100

85 61.6 44.4 82.4



#27

1,2-Dichloroethane

Concen: 22.909 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029338.D

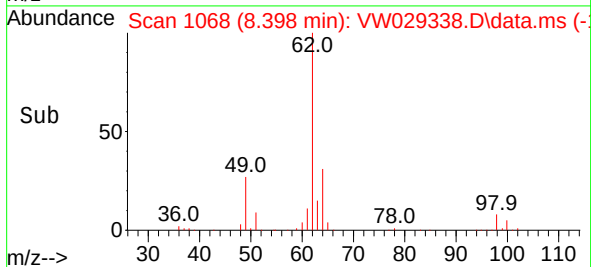
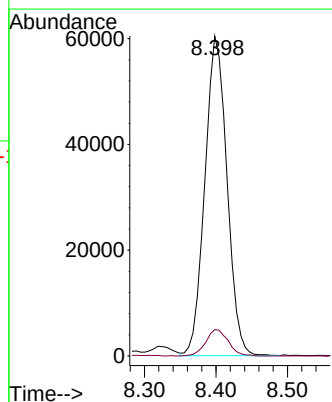
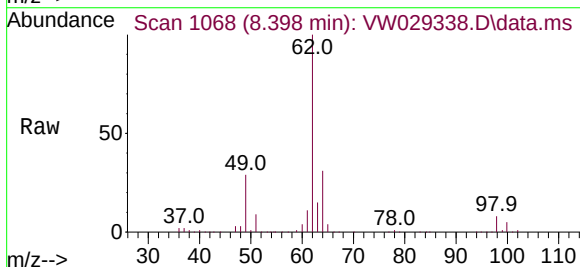
Acq: 25 Jun 2024 09:04

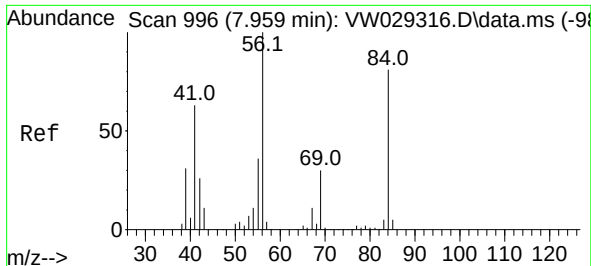
Tgt Ion: 62 Resp: 130022

Ion Ratio Lower Upper

62 100

98 8.3 6.6 10.0





#29

Cyclohexane

Concen: 24.713 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

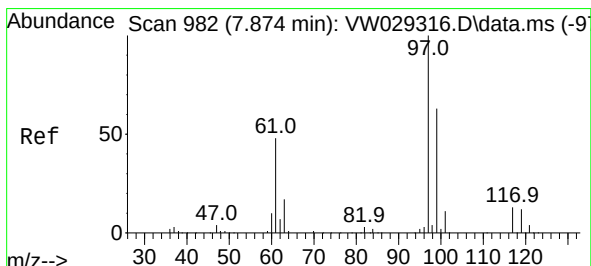
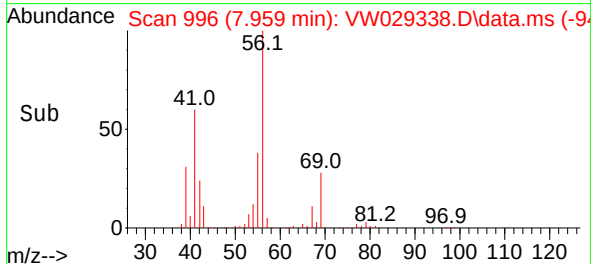
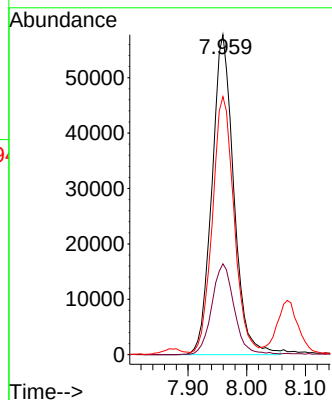
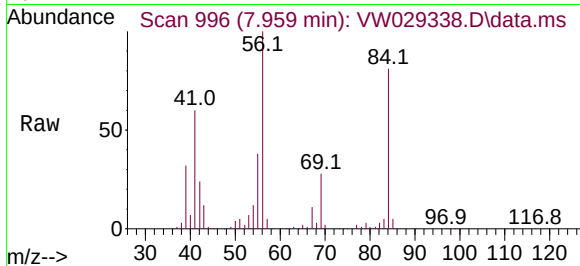
Tgt Ion: 56 Resp: 149147

Ion Ratio Lower Upper

56 100

69 29.1 23.4 35.0

84 79.9 64.5 96.7



#30

1,1,1-Trichloroethane

Concen: 25.110 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

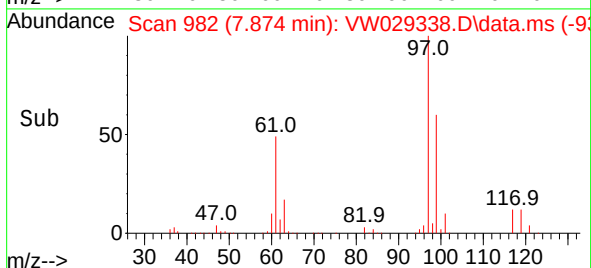
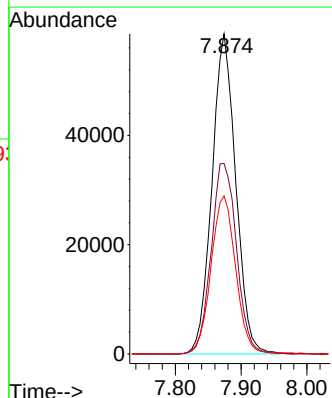
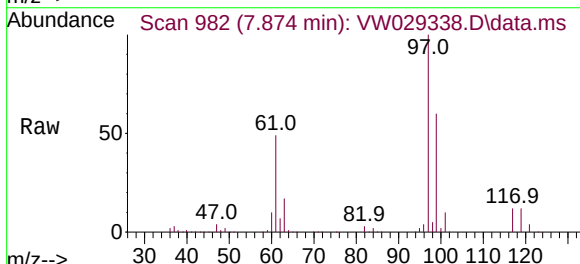
Tgt Ion: 97 Resp: 147402

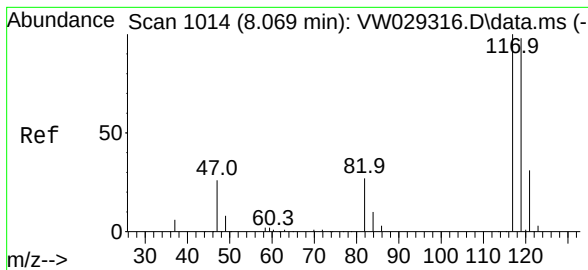
Ion Ratio Lower Upper

97 100

99 63.6 53.0 79.4

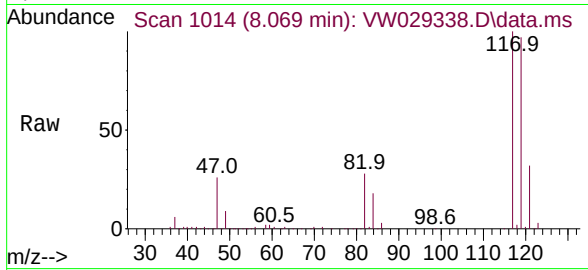
61 51.1 43.0 64.4



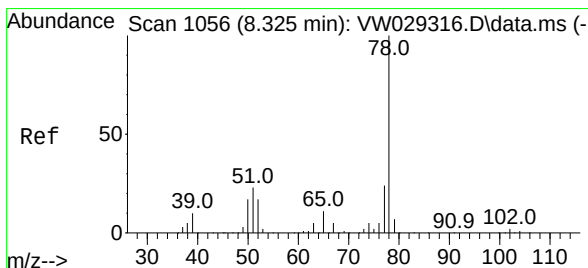
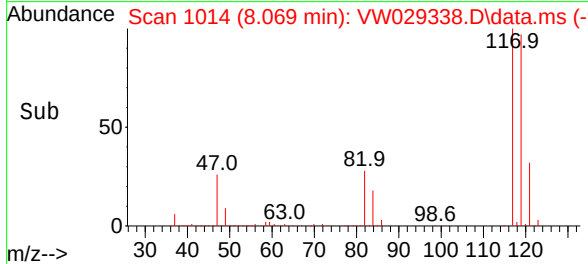
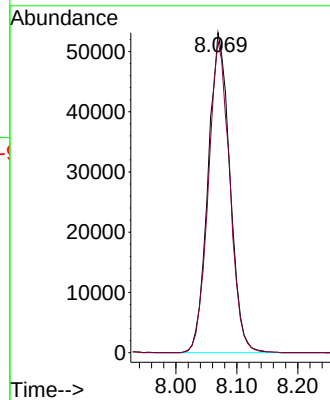


#31
Carbon tetrachloride
Concen: 24.586 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Instrument :
MSVOA_W
ClientSampleId :

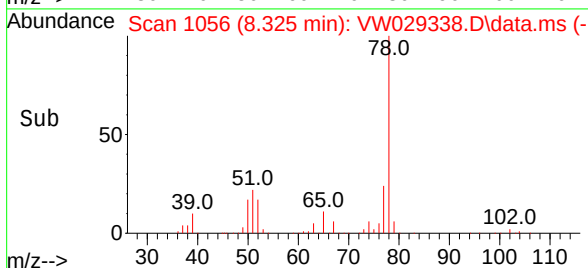
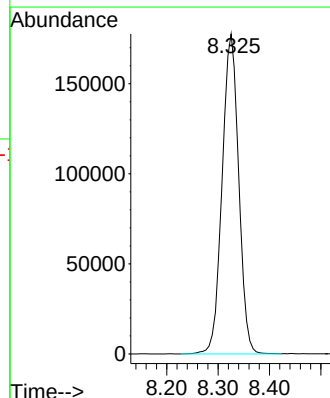
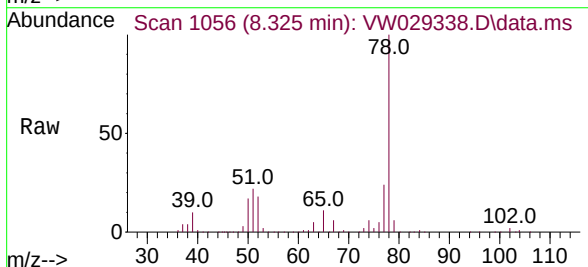


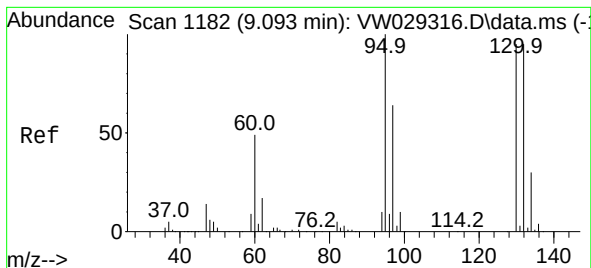
Tgt Ion:117 Resp: 131845
Ion Ratio Lower Upper
117 100
119 95.8 79.0 118.4



#33
Benzene
Concen: 25.091 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion: 78 Resp: 397994





#34

Trichloroethene

Concen: 23.929 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 101263

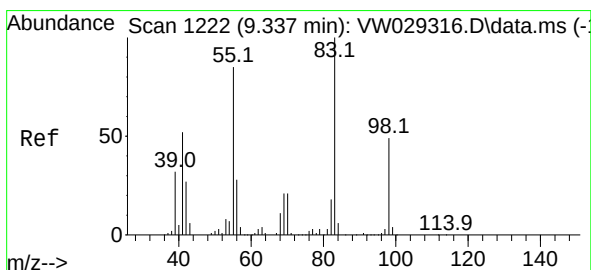
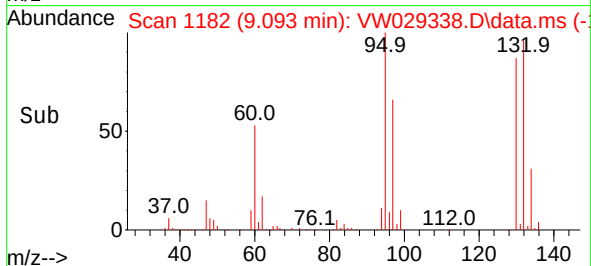
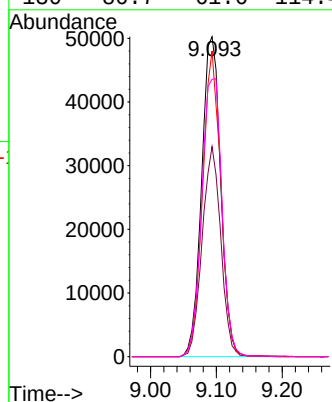
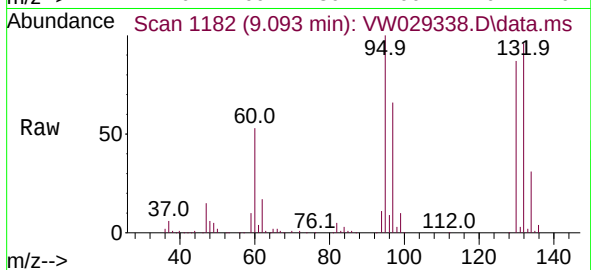
Ion Ratio Lower Upper

95 100

97 65.7 45.7 84.9

132 95.5 66.4 123.4

130 86.7 61.6 114.4



#35

Methylcyclohexane

Concen: 25.316 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

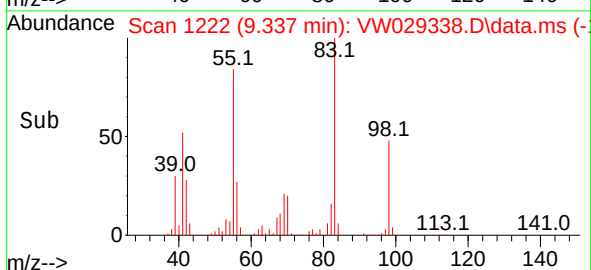
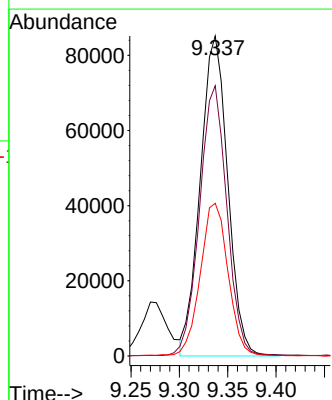
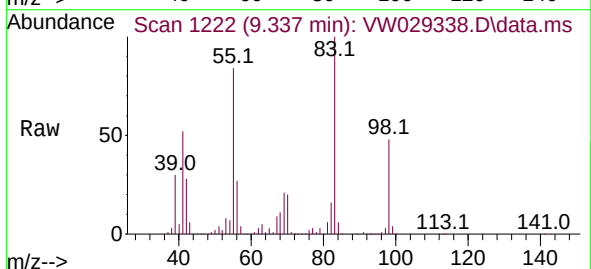
Tgt Ion: 83 Resp: 168488

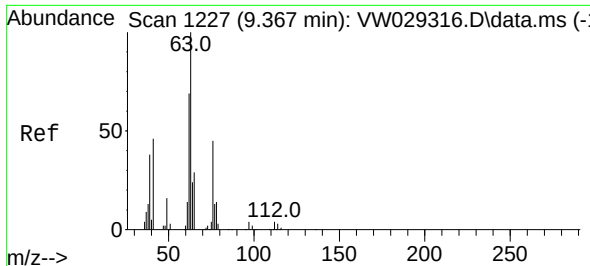
Ion Ratio Lower Upper

83 100

55 84.0 69.5 104.3

98 48.3 38.0 57.0





#37

1,2-Dichloropropane

Concen: 24.429 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

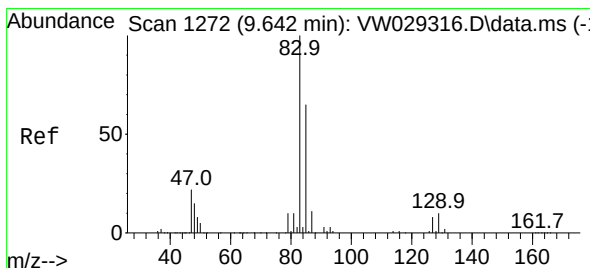
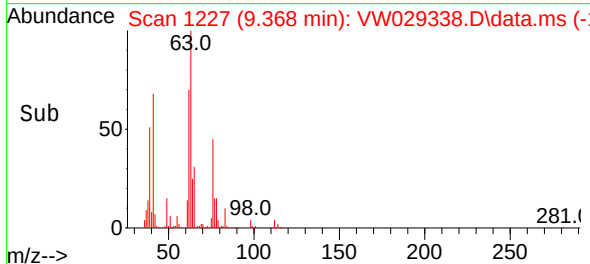
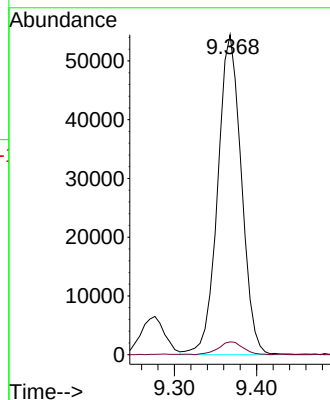
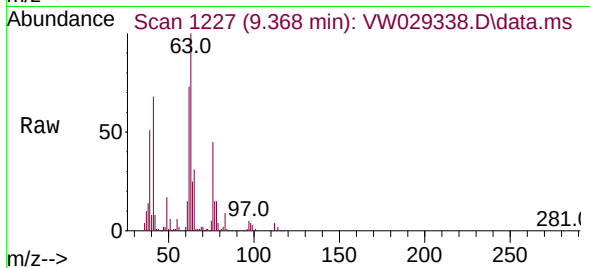
ClientSampleId :

Tgt Ion: 63 Resp: 108883

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6



#38

Bromodichloromethane

Concen: 24.362 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

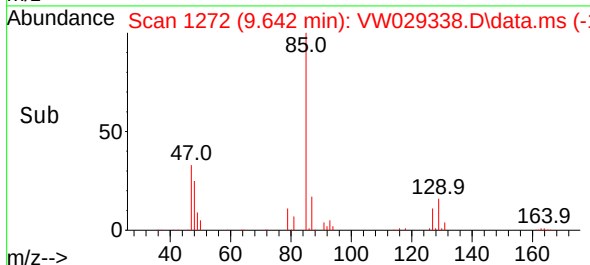
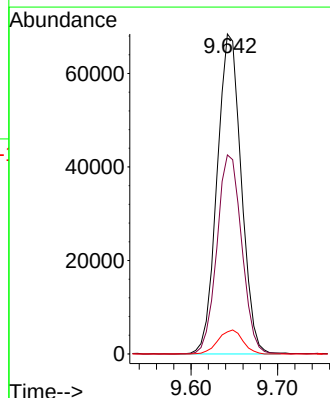
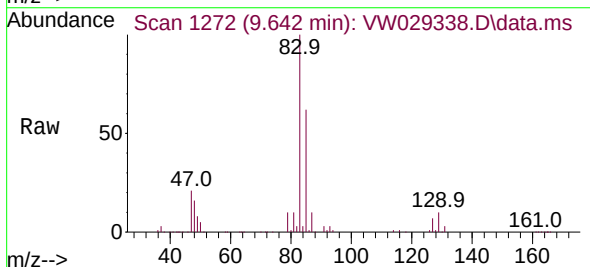
Tgt Ion: 83 Resp: 132761

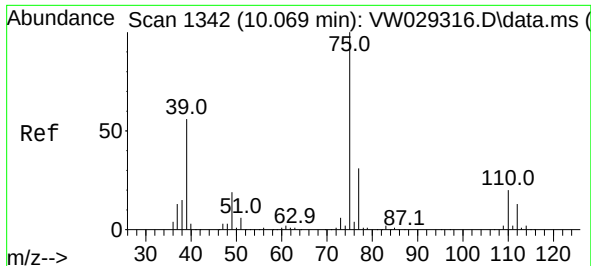
Ion Ratio Lower Upper

83 100

85 62.2 45.1 83.9

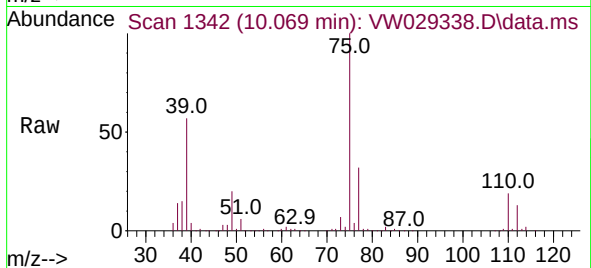
127 6.9 5.8 8.6



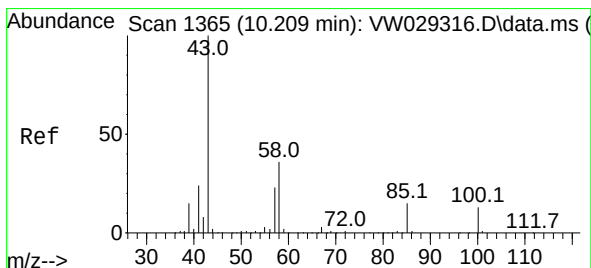
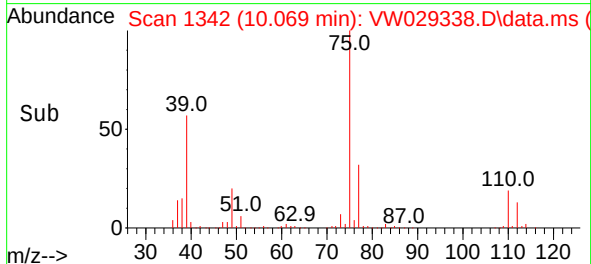
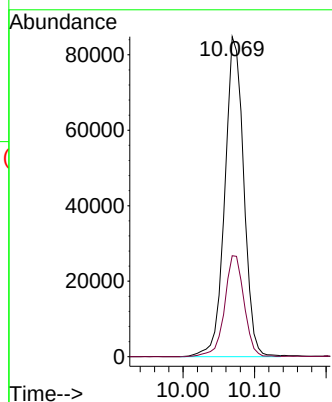


#39
cis-1,3-Dichloropropene
Concen: 24.758 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Instrument :
MSVOA_W
ClientSampleId :

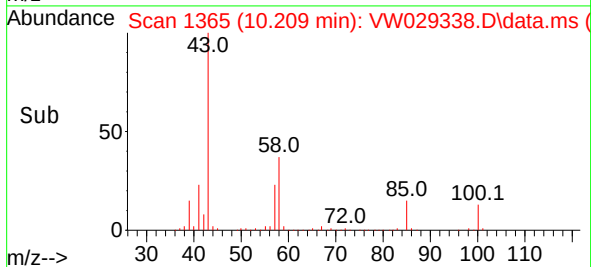
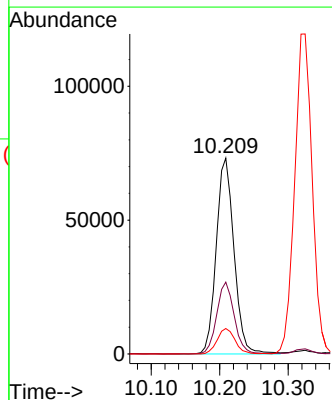
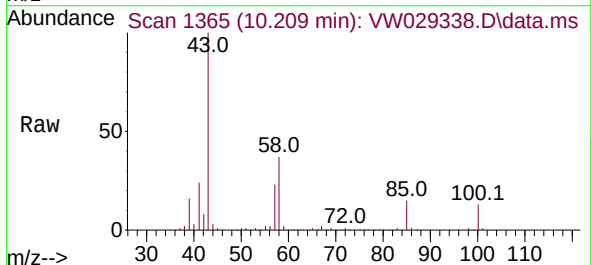


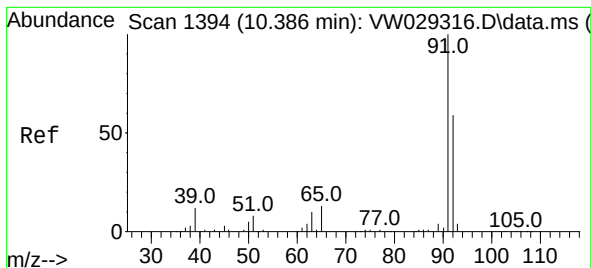
Tgt Ion: 75 Resp: 155986
Ion Ratio Lower Upper
75 100
77 31.5 22.7 42.1



#40
4-Methyl-2-pentanone
Concen: 47.567 ug/L
RT: 10.209 min Scan# 1365
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion: 43 Resp: 131407
Ion Ratio Lower Upper
43 100
58 36.0 28.2 42.4
100 13.1 11.0 16.4





#42

Toluene

Concen: 25.270 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

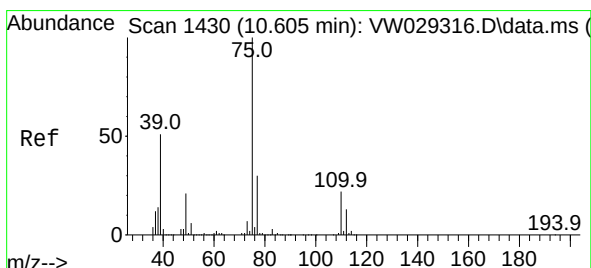
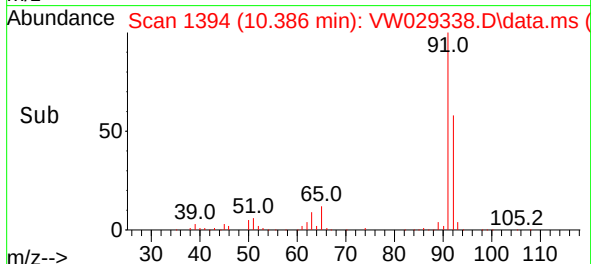
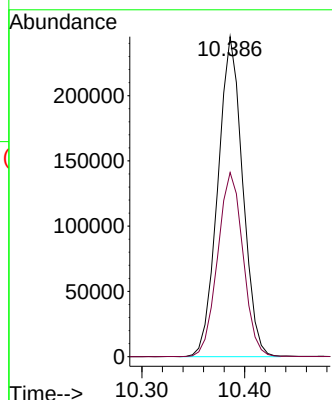
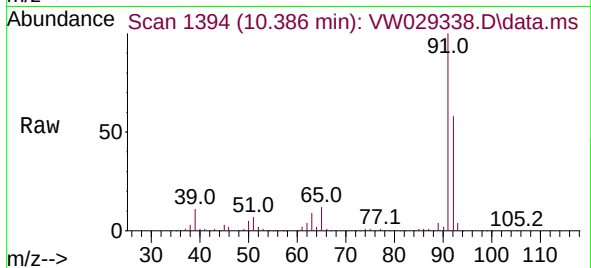
ClientSampleId :

Tgt Ion: 91 Resp: 412066

Ion Ratio Lower Upper

91 100

92 57.6 39.3 73.1



#44

trans-1,3-Dichloropropene

Concen: 24.739 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029338.D

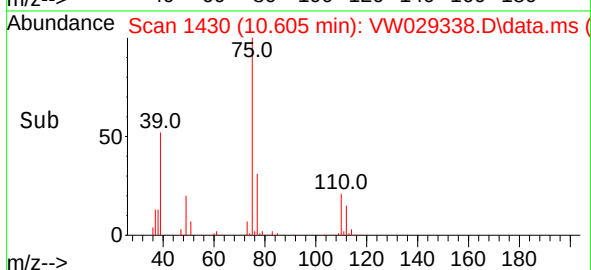
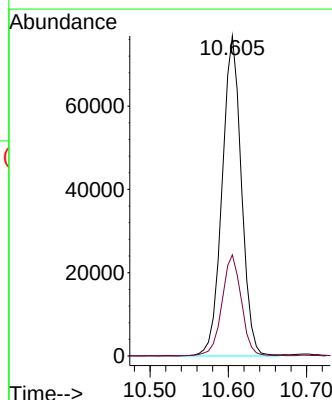
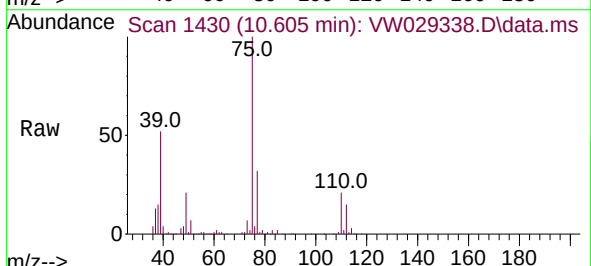
Acq: 25 Jun 2024 09:04

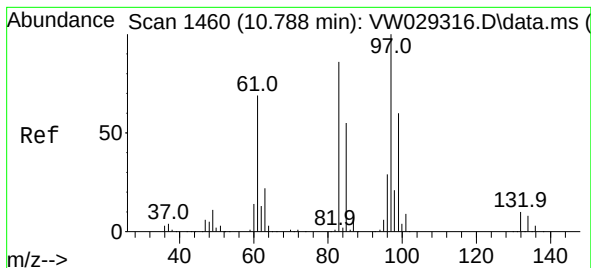
Tgt Ion: 75 Resp: 131612

Ion Ratio Lower Upper

75 100

77 31.6 22.7 42.1





#45

1,1,2-Trichloroethane

Concen: 24.045 ug/L

RT: 10.782 min Scan# 14

Delta R.T. -0.006 min

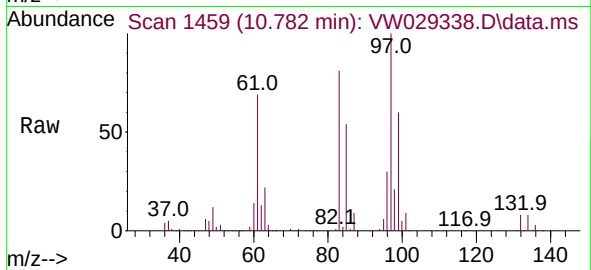
Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 74642

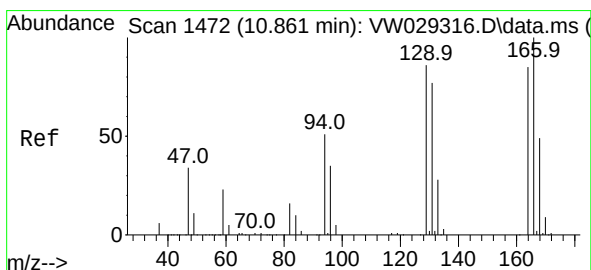
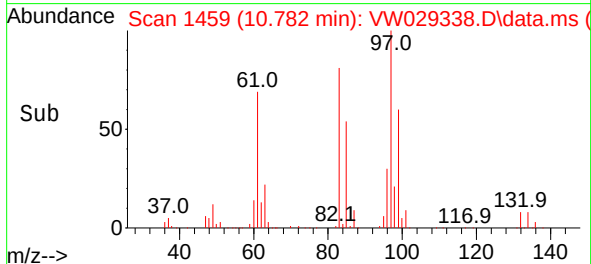
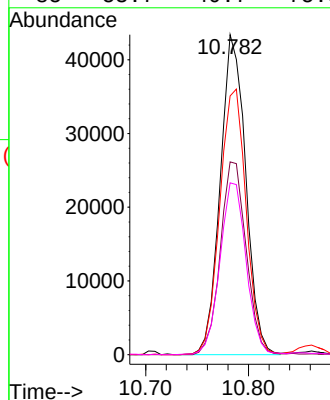
Ion Ratio Lower Upper

97 100

99 60.3 42.3 78.5

83 80.8 57.7 107.1

85 53.7 40.7 75.5



#46

Tetrachloroethene

Concen: 24.502 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Tgt Ion:164 Resp: 72484

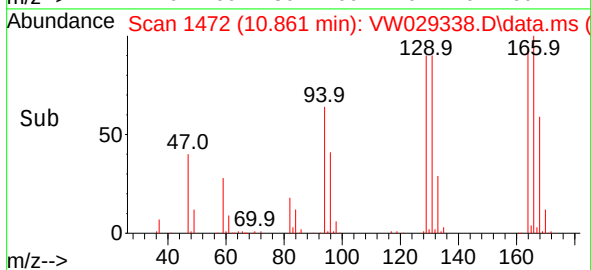
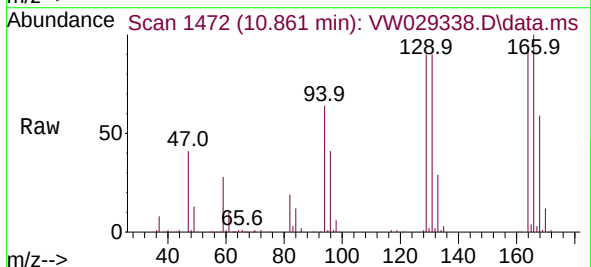
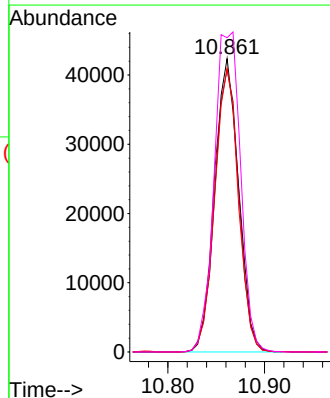
Ion Ratio Lower Upper

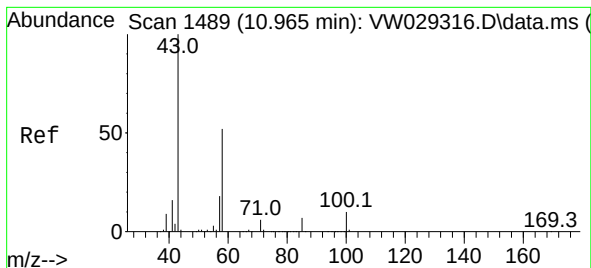
164 100

129 96.3 68.5 127.3

131 96.5 71.8 133.4

166 107.1 97.2 180.4





#48

2-Hexanone

Concen: 53.662 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

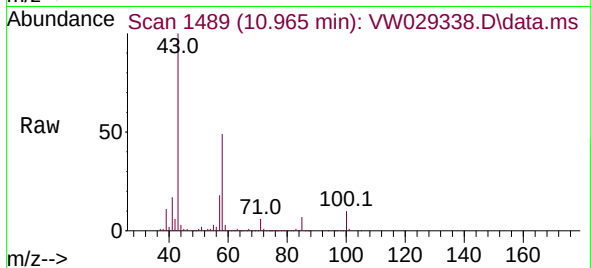
Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 105190

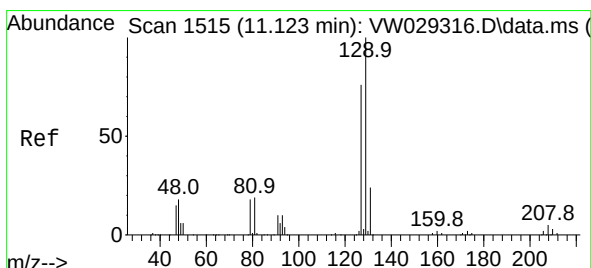
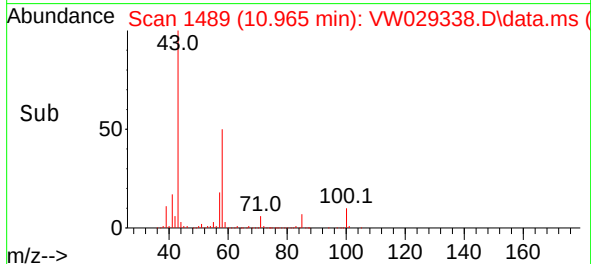
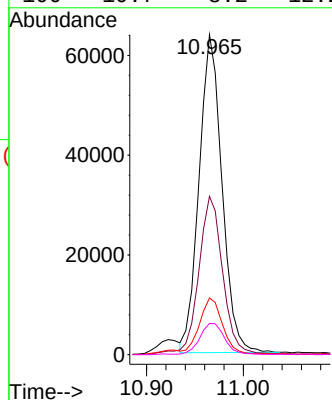
Ion Ratio Lower Upper

43 100

58 52.5 39.6 59.4

57 17.9 14.6 21.8

100 10.7 8.2 12.2



#49

Dibromochloromethane

Concen: 24.285 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029338.D

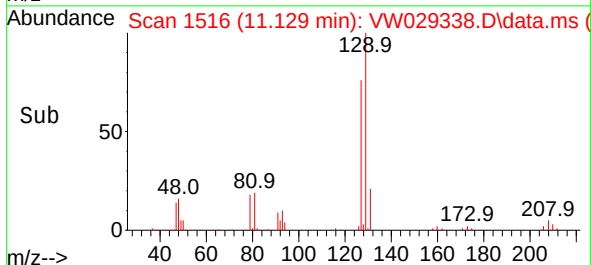
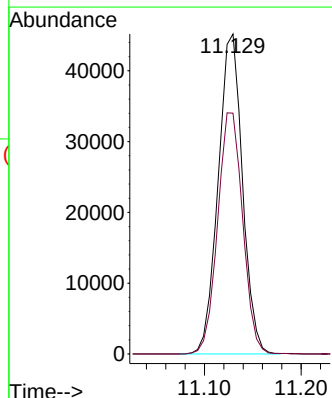
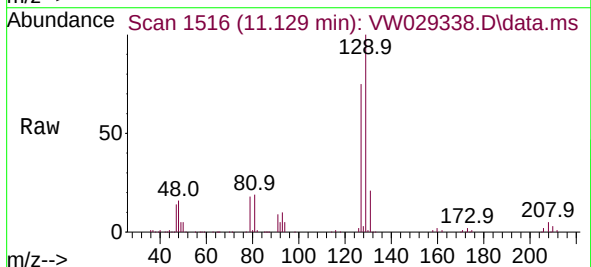
Acq: 25 Jun 2024 09:04

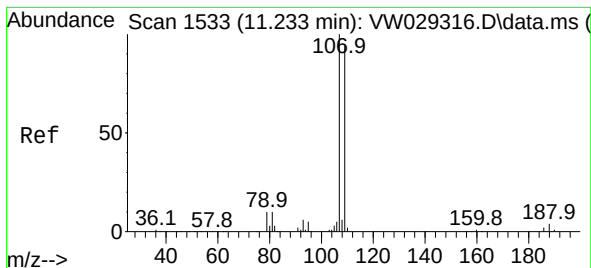
Tgt Ion:129 Resp: 78802

Ion Ratio Lower Upper

129 100

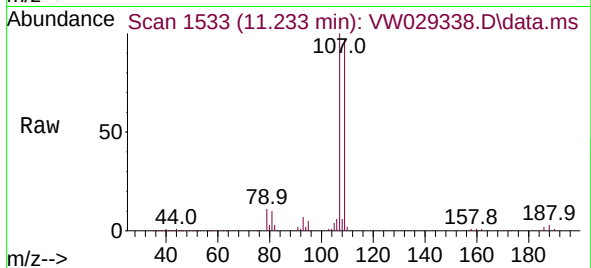
127 75.2 54.8 101.8



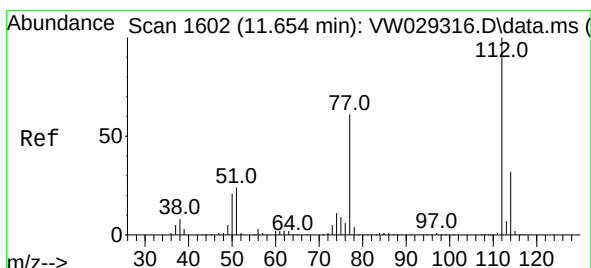
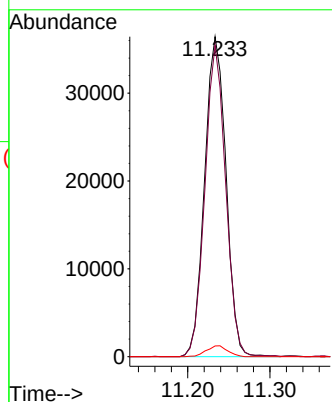
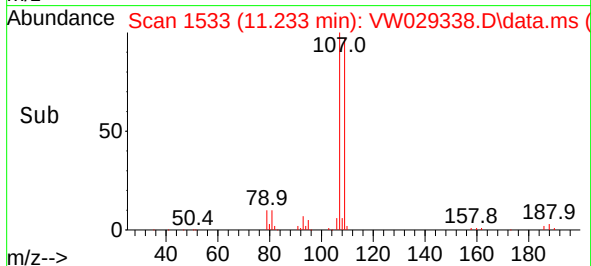


#50
1,2-Dibromoethane
Concen: 23.620 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Instrument :
MSVOA_W
ClientSampleId :

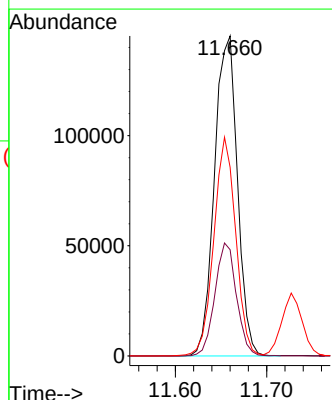
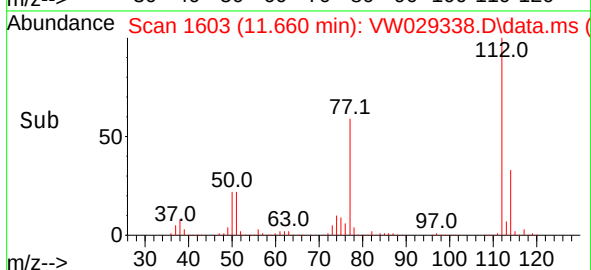
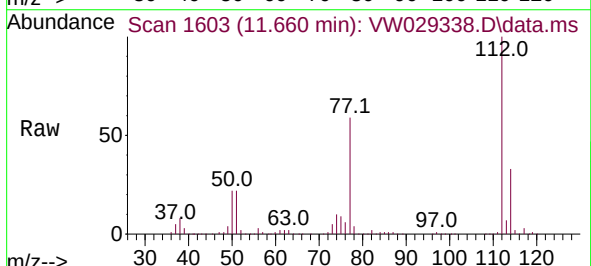


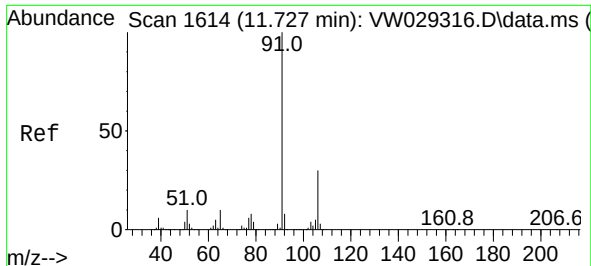
Tgt Ion:107 Resp: 65818
Ion Ratio Lower Upper
107 100
109 97.3 65.5 121.6
188 3.4 2.6 4.0



#51
Chlorobenzene
Concen: 23.965 ug/L
RT: 11.660 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion:112 Resp: 253767
Ion Ratio Lower Upper
112 100
114 33.2 22.6 42.0
77 59.0 51.0 76.6





#52

Ethylbenzene

Concen: 25.520 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

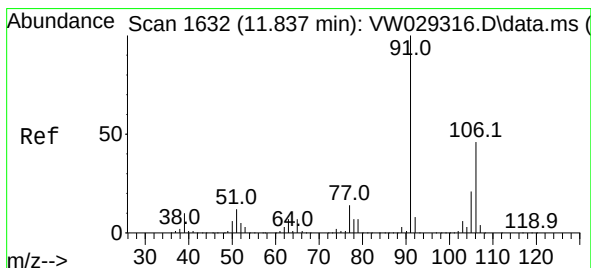
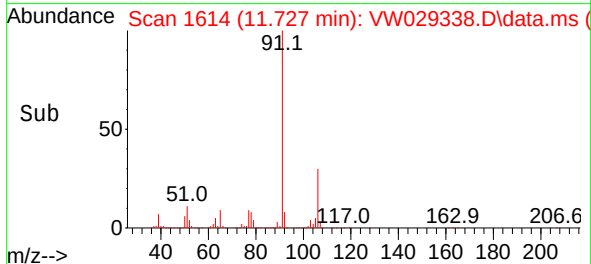
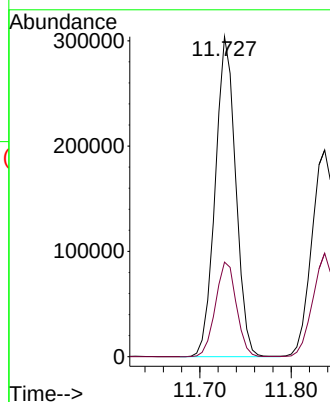
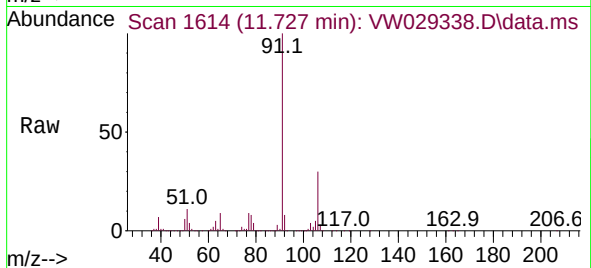
ClientSampleId :

Tgt Ion: 91 Resp: 472379

Ion Ratio Lower Upper

91 100

106 29.6 19.9 37.0



#53

m,p-Xylene

Concen: 25.753 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029338.D

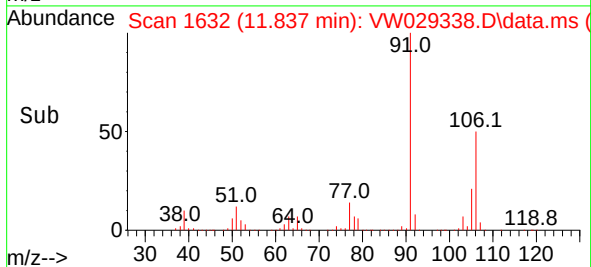
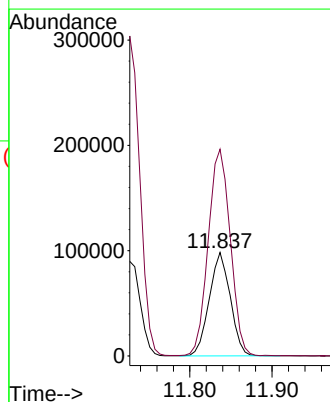
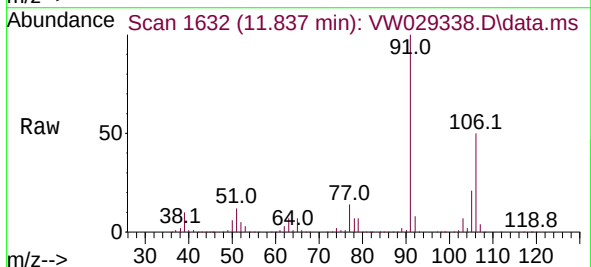
Acq: 25 Jun 2024 09:04

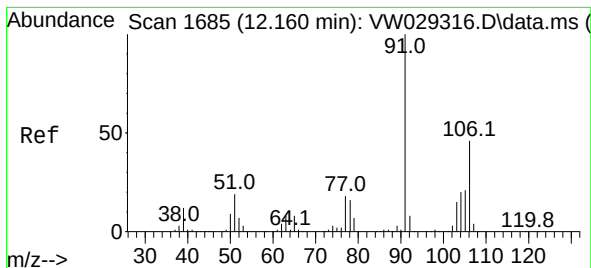
Tgt Ion:106 Resp: 174115

Ion Ratio Lower Upper

106 100

91 199.7 140.5 260.9





#54

o-Xylene

Concen: 26.069 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

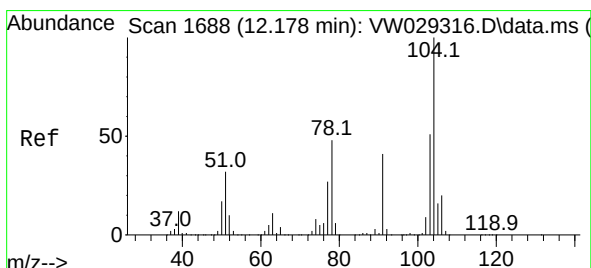
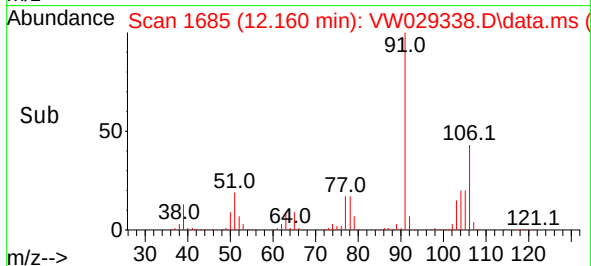
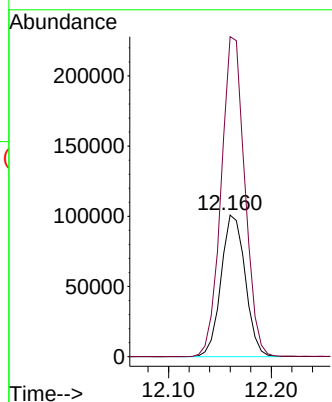
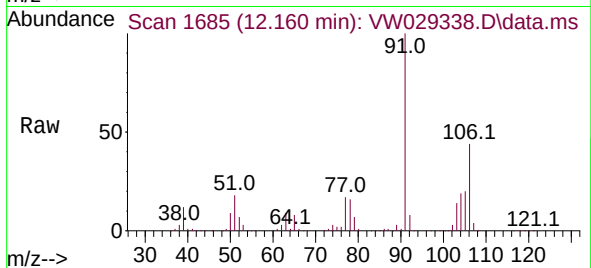
ClientSampleId :

Tgt Ion:106 Resp: 164724

Ion Ratio Lower Upper

106 100

91 225.9 149.9 278.5



#55

Styrene

Concen: 25.907 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029338.D

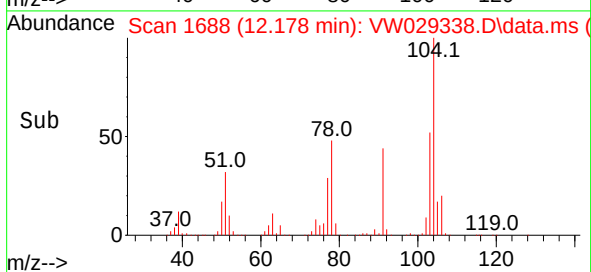
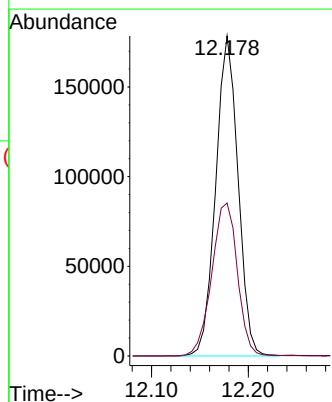
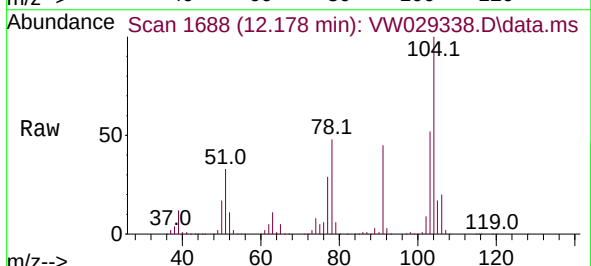
Acq: 25 Jun 2024 09:04

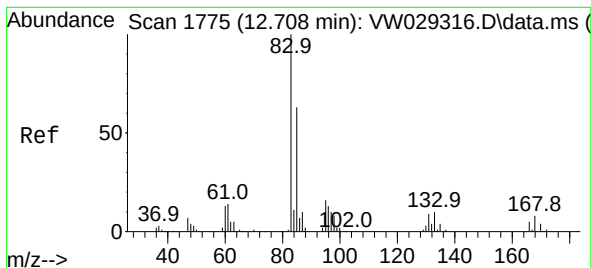
Tgt Ion:104 Resp: 285431

Ion Ratio Lower Upper

104 100

78 47.8 35.4 65.7





#57

1,1,2,2-Tetrachloroethane

Concen: 23.133 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

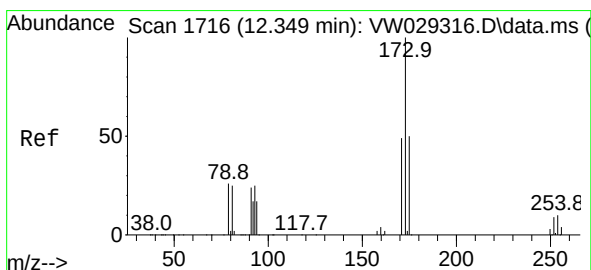
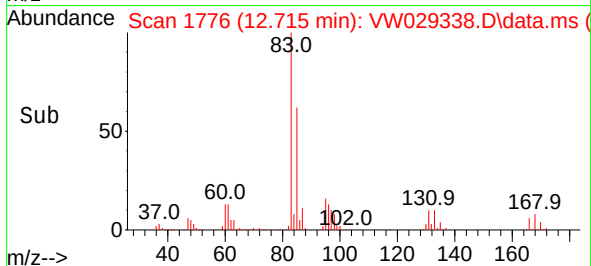
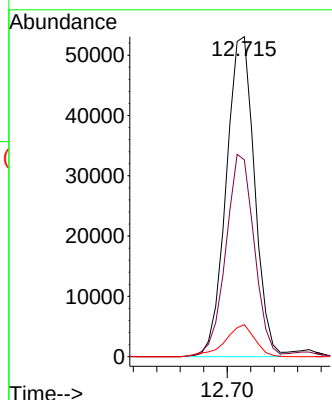
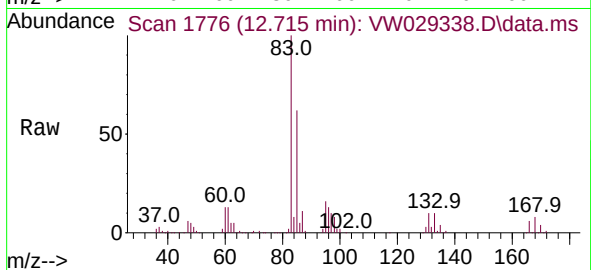
Tgt Ion: 83 Resp: 88825

Ion Ratio Lower Upper

83 100

85 61.5 45.8 85.0

131 10.0 7.8 11.6



#59

Bromoform

Concen: 23.611 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

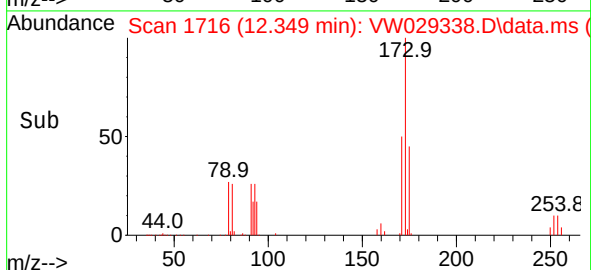
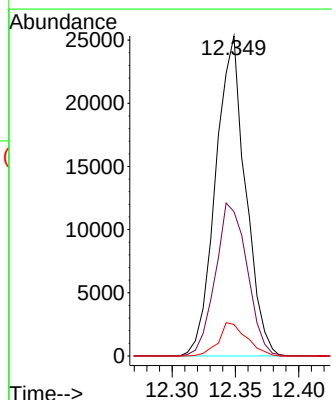
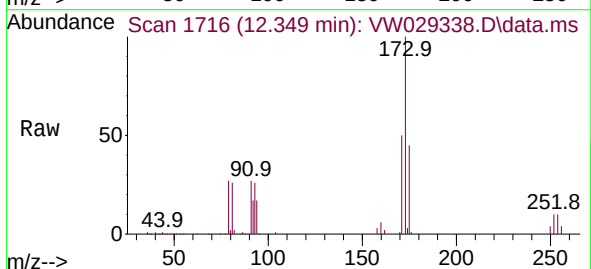
Tgt Ion:173 Resp: 41601

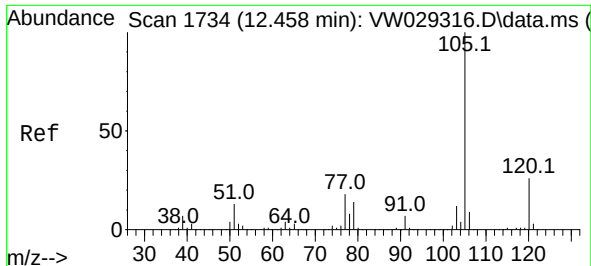
Ion Ratio Lower Upper

173 100

175 50.7 37.8 56.8

254 9.8 7.8 11.6





#60

Isopropylbenzene

Concen: 26.665 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

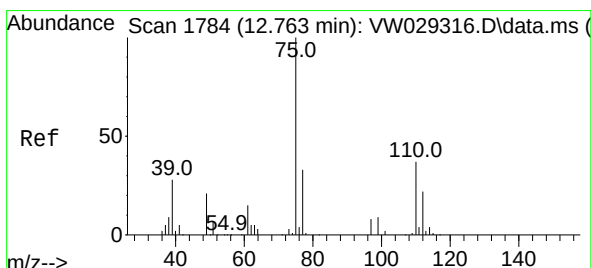
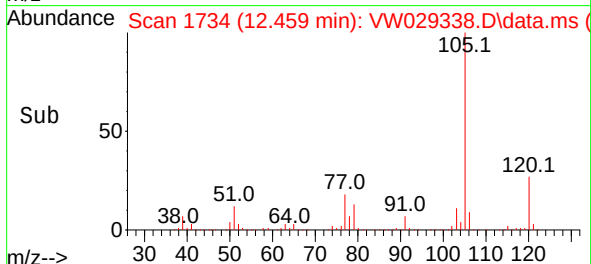
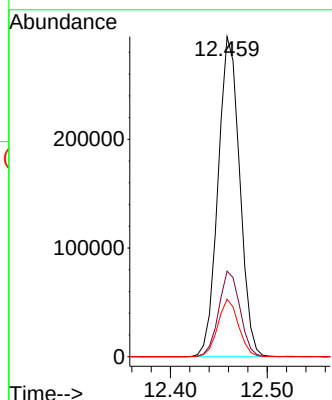
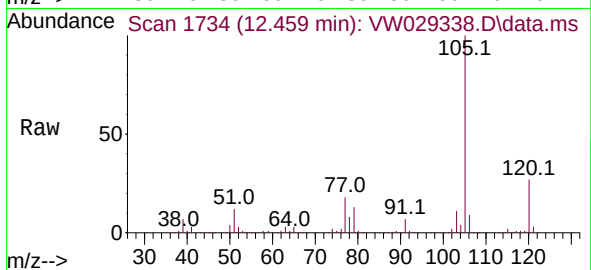
Tgt Ion:105 Resp: 456768

Ion Ratio Lower Upper

105 100

120 26.4 20.5 30.7

77 17.3 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 23.447 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

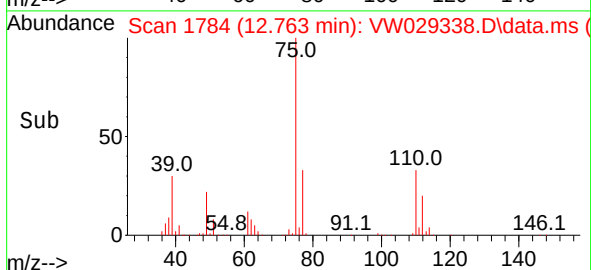
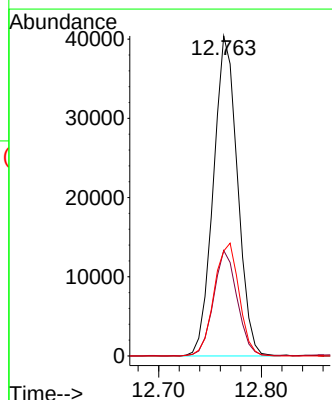
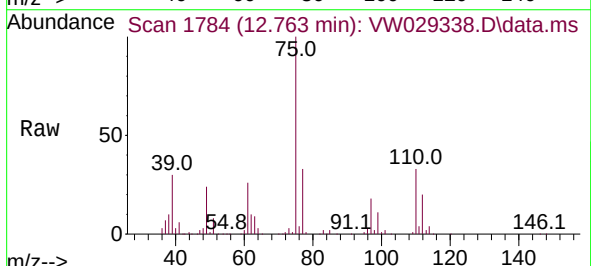
Tgt Ion: 75 Resp: 65745

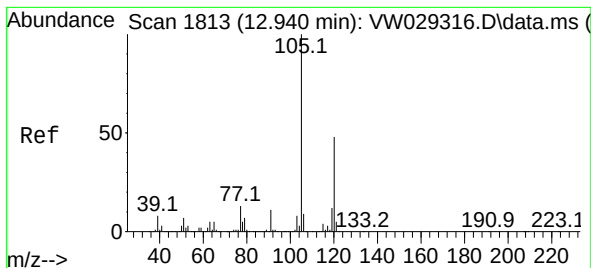
Ion Ratio Lower Upper

75 100

77 32.4 26.6 39.8

110 36.4 29.5 44.3

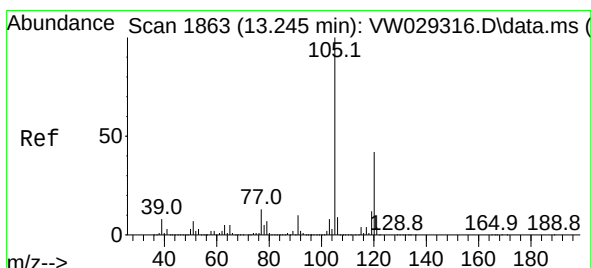
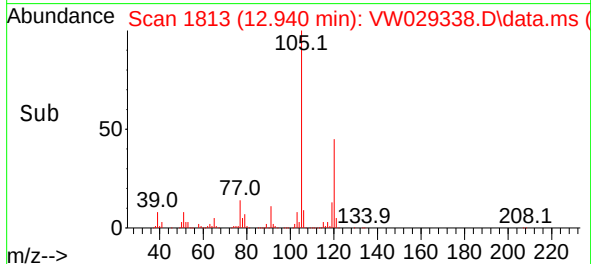
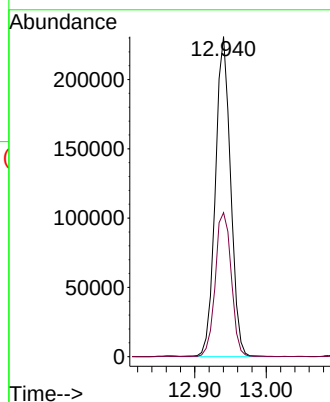
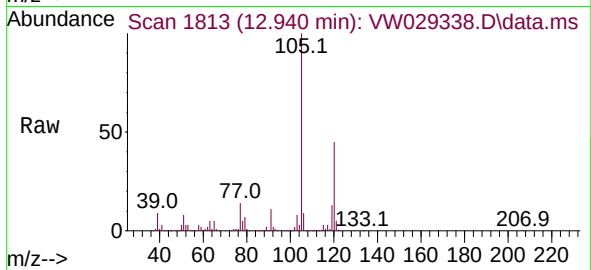




#62
1,3,5-Trimethylbenzene
Concen: 27.563 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

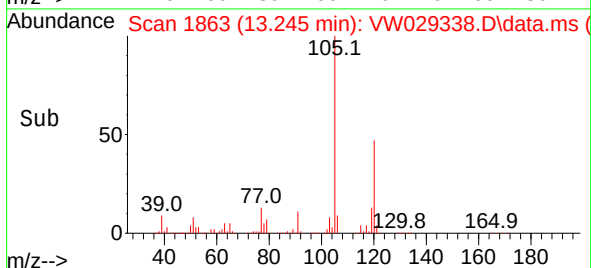
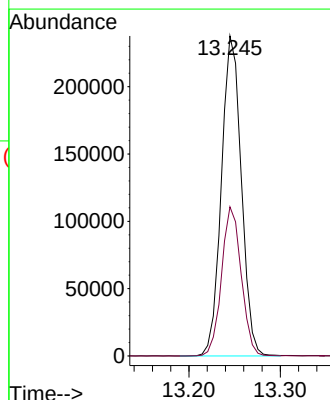
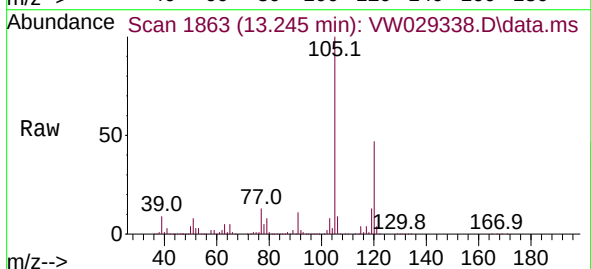
Instrument :
MSVOA_W
ClientSampleId :

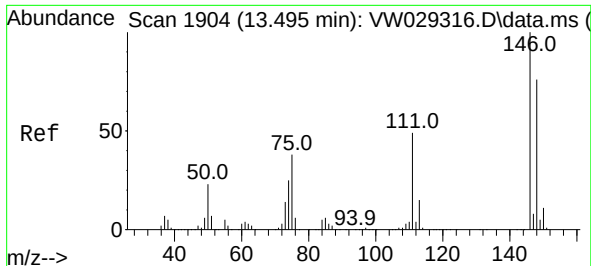
Tgt Ion:105 Resp: 341940
Ion Ratio Lower Upper
105 100
120 47.2 36.4 54.6



#63
1,2,4-Trimethylbenzene
Concen: 26.962 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion:105 Resp: 359878
Ion Ratio Lower Upper
105 100
120 46.0 34.9 52.3





#64

1,3-Dichlorobenzene

Concen: 26.330 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

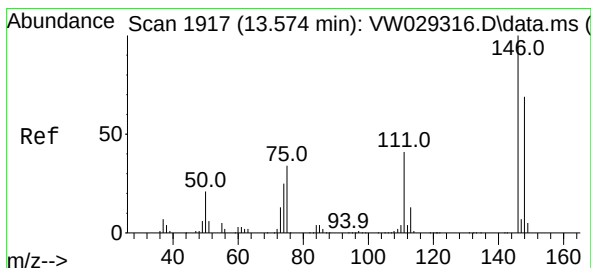
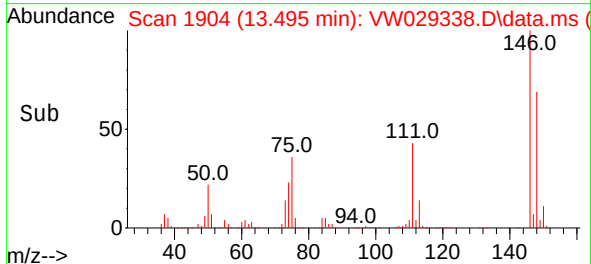
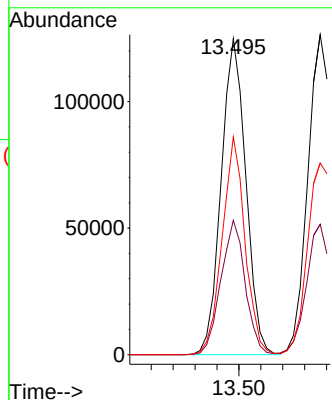
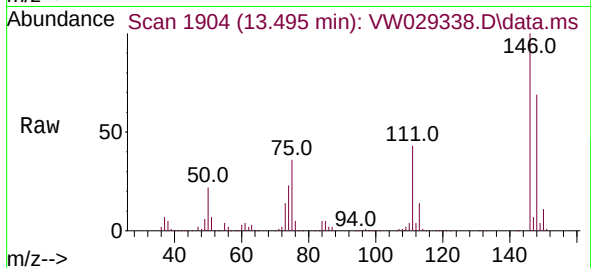
Tgt Ion:146 Resp: 195179

Ion Ratio Lower Upper

146 100

111 42.5 33.0 61.2

148 68.9 47.5 88.1



#65

1,4-Dichlorobenzene

Concen: 25.265 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

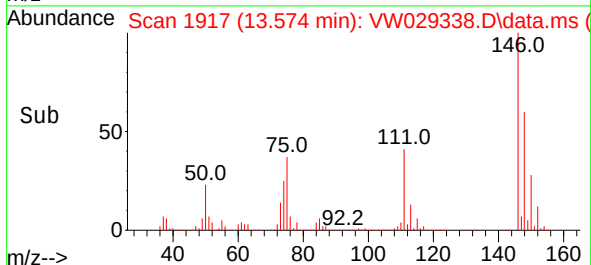
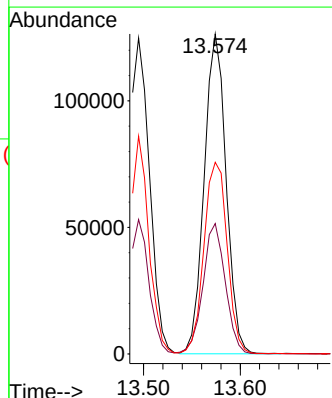
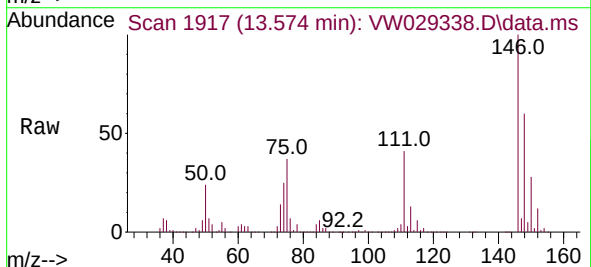
Tgt Ion:146 Resp: 199270

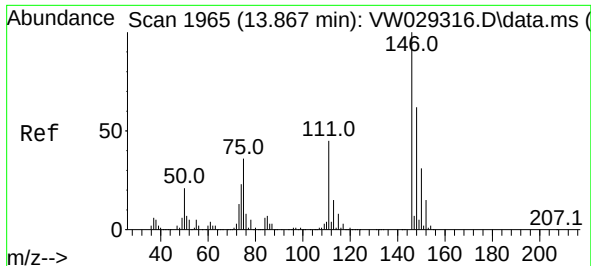
Ion Ratio Lower Upper

146 100

111 40.7 28.9 53.7

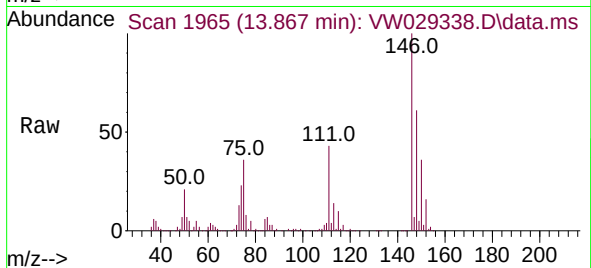
148 59.9 42.0 78.0



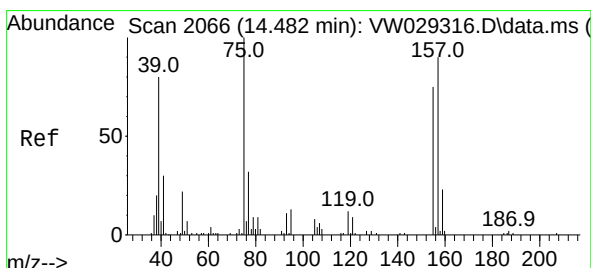
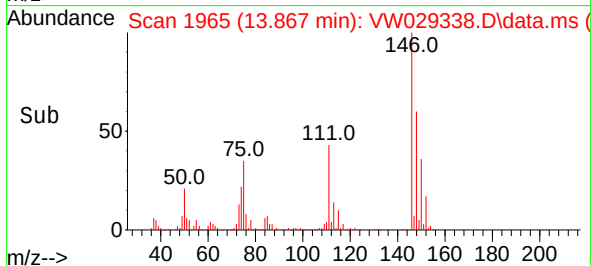
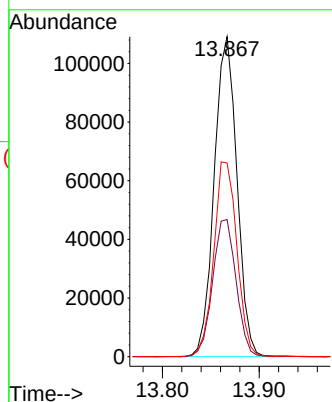


#67
1,2-Dichlorobenzene
Concen: 26.012 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Instrument :
MSVOA_W
ClientSampleId :

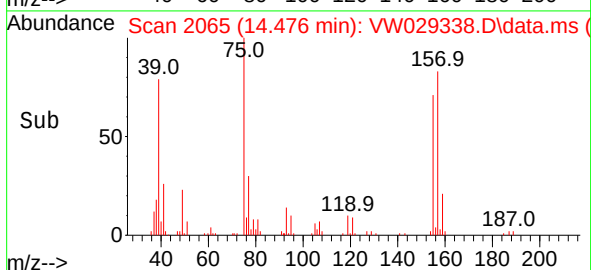
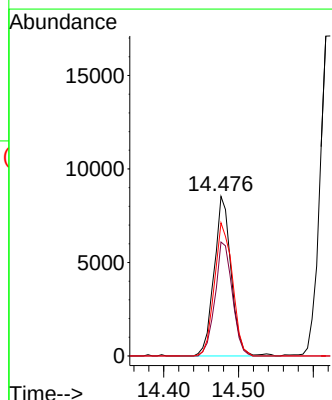
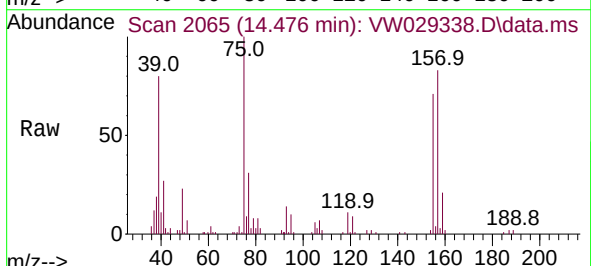


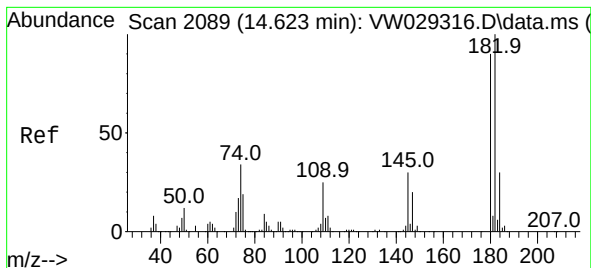
Tgt Ion:146 Resp: 178259
Ion Ratio Lower Upper
146 100
111 42.9 34.2 51.4
148 60.5 46.3 69.5



#68
1,2-Dibromo-3-chloropropane
Concen: 20.729 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW029338.D
Acq: 25 Jun 2024 09:04

Tgt Ion: 75 Resp: 13564
Ion Ratio Lower Upper
75 100
155 71.4 51.0 76.6
157 83.5 58.8 88.2





#69

1,3,5-Trichlorobenzene

Concen: 26.529 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

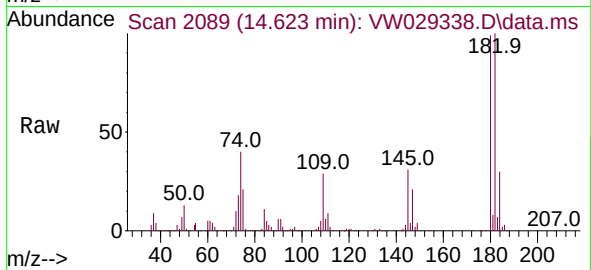
Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 132723

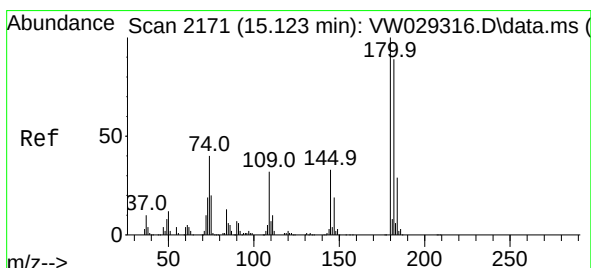
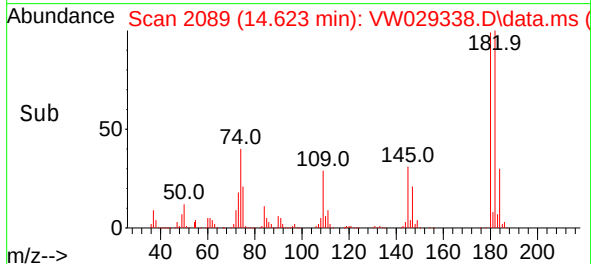
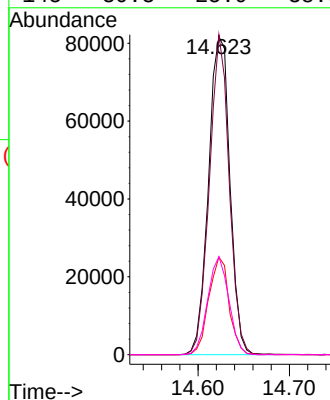
Ion Ratio Lower Upper

180 100

182 93.1 72.9 109.3

184 29.1 23.8 35.6

145 30.3 25.9 38.9



#70

1,2,4-trichlorobenzene

Concen: 26.038 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

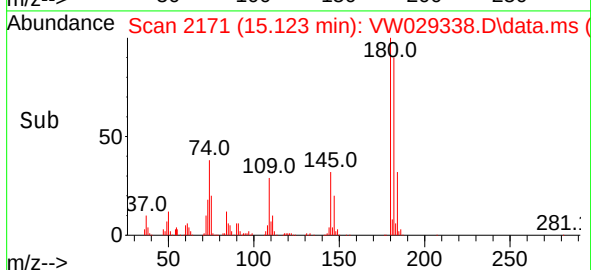
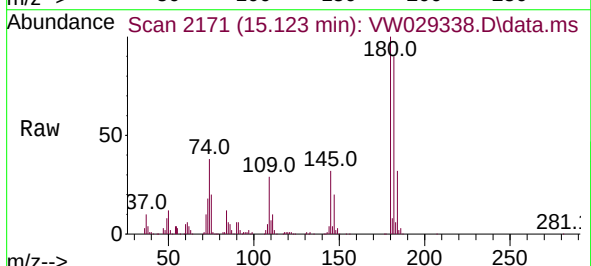
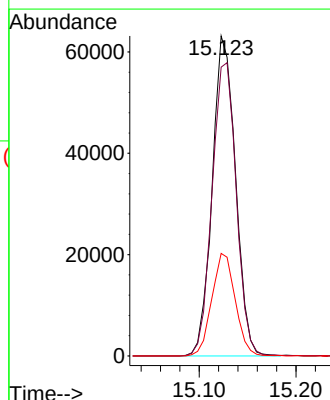
Tgt Ion:180 Resp: 105597

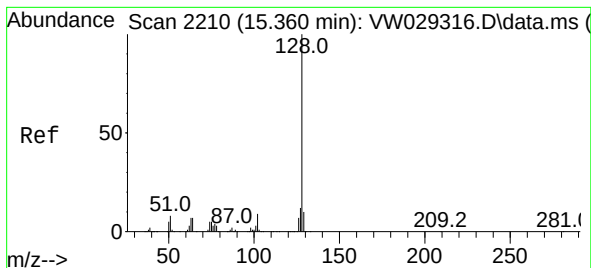
Ion Ratio Lower Upper

180 100

182 95.1 77.7 116.5

145 32.2 25.7 38.5





#71

Naphthalene

Concen: 24.262 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Instrument :

MSVOA_W

ClientSampleId :

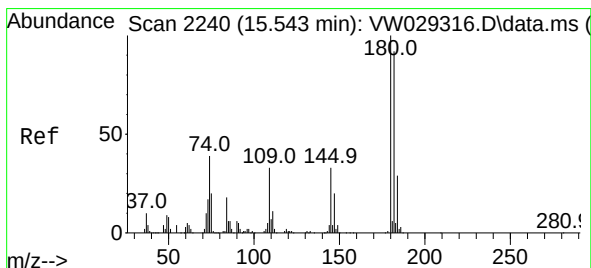
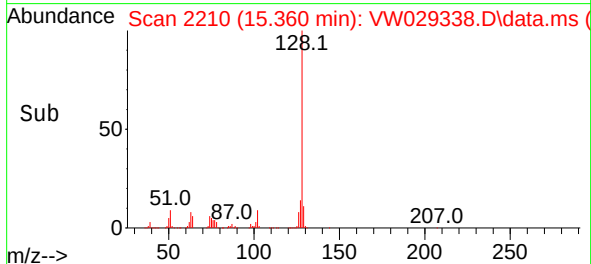
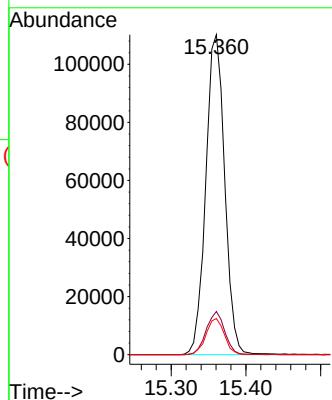
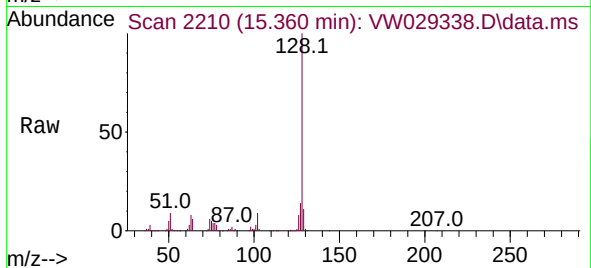
Tgt Ion:128 Resp: 194203

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 25.082 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029338.D

Acq: 25 Jun 2024 09:04

Tgt Ion:180 Resp: 92684

Ion Ratio Lower Upper

180 100

182 97.0 73.0 109.6

145 33.4 28.1 42.1

