

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062524\
 Data File : VW029347.D
 Acq On : 25 Jun 2024 15:51
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 26 02:27:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 26 02:25:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	280001	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	257074	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127033	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	75678	19.527	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.120%
7) Chloroethane-d5	2.905	69	65553	20.030	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.120%
11) 1,1-Dichloroethene-d2	4.021	65	37970	20.292	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.160%
21) 2-Butanone-d5	7.075	46	51885	44.748	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.500%
24) Chloroform-d	7.642	84	188945	22.621	ug/L	-0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.480%
26) 1,2-Dichloroethane-d4	8.301	65	104441	21.778	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.120%
32) Benzene-d6	8.276	84	366687	23.483	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	9.270	67	114962	23.161	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.640%
41) Toluene-d8	10.319	98	322264	23.327	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.320%
43) trans-1,3-Dichloroprop...	10.575	79	45119	22.557	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.240%
47) 2-Hexanone-d5	10.922	63	35487	45.607	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	86747	21.959	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.840%
66) 1,2-Dichlorobenzene-d4	13.848	152	106747	24.209	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45747	16.746	ug/L	90
3) Chloromethane	2.223	50	78079	20.045	ug/L	97
5) Vinyl chloride	2.375	62	94150	21.048	ug/L	99
6) Bromomethane	2.789	94	56997	21.200	ug/L	92
8) Chloroethane	2.936	64	59597	21.783	ug/L	100
9) Trichlorofluoromethane	3.271	101	74519	21.488	ug/L	96
12) 1,1-Dichloroethene	4.045	96	78669	24.248	ug/L	91
13) Acetone	4.119	43	46397	47.085	ug/L	99
14) Carbon disulfide	4.393	76	227393	21.470	ug/L	100
15) Methyl Acetate	4.673	43	42408	21.679	ug/L	98
16) Methylene chloride	4.923	84	96378	19.575	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	88520	24.568	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	135976	23.588	ug/L	99
19) 1,1-Dichloroethane	6.216	63	188573	24.233	ug/L	97
20) cis-1,2-Dichloroethene	7.167	96	96574	24.306	ug/L	98
22) 2-Butanone	7.167	43	60844	45.045	ug/L	99
23) Bromochloromethane	7.514	128	41212	23.300	ug/L	92
25) Chloroform	7.673	83	184572	24.290	ug/L	96
27) 1,2-Dichloroethane	8.398	62	125894	22.464	ug/L	98

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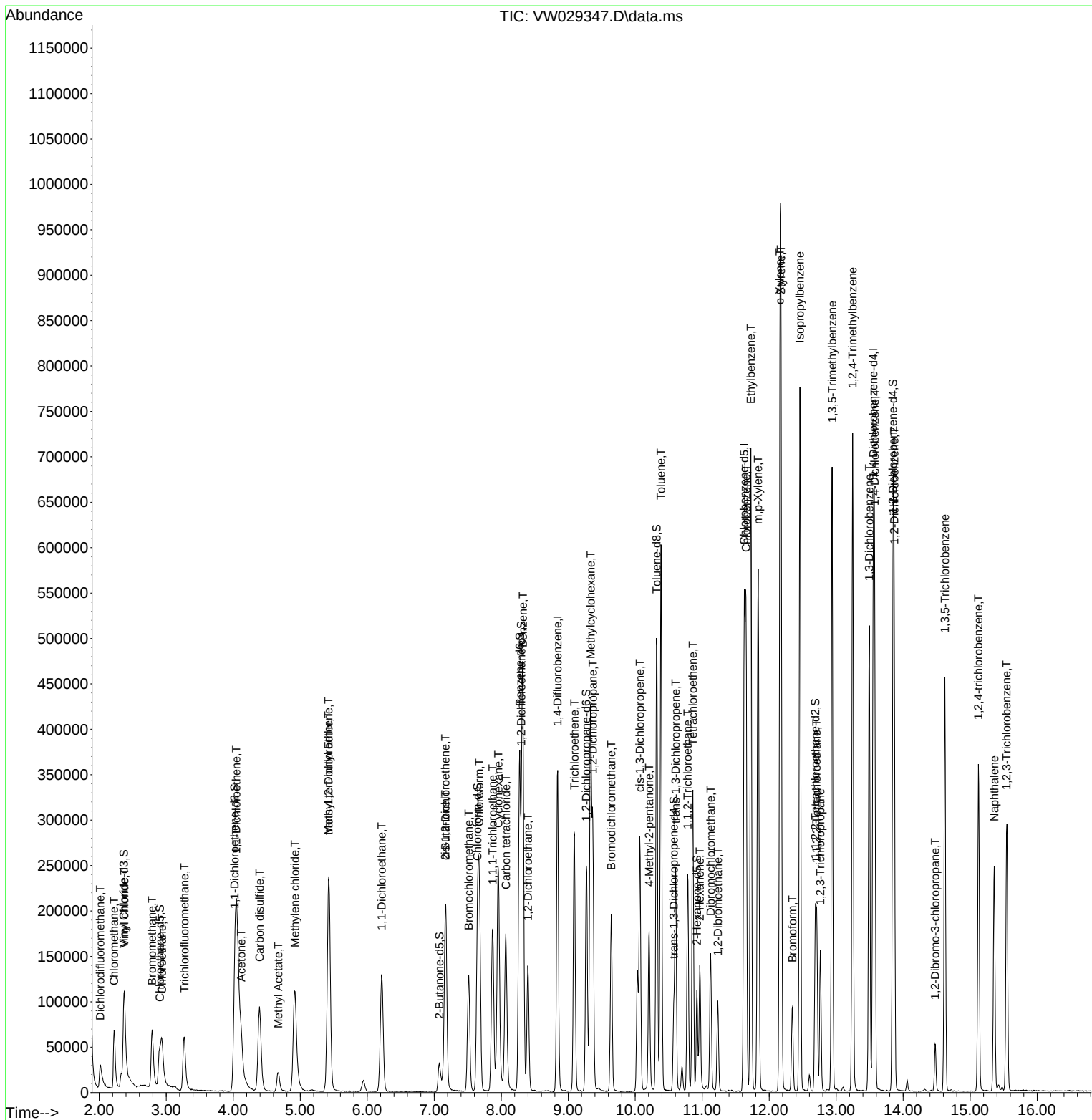
Instrument :
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 ClientSampleId :

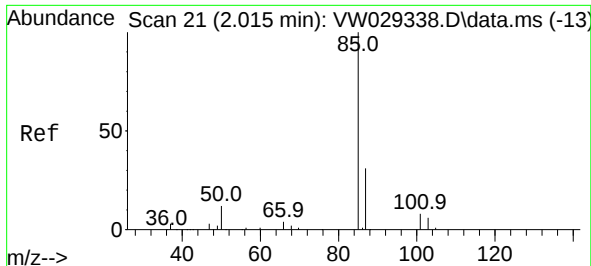
Quant Time: Jun 26 02:27:37 2024
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 Quant Title : SFAM01.0
 QLast Update : Wed Jun 26 02:25:08 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	143625	24.439	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	145464	25.446	ug/L	97
31) Carbon tetrachloride	8.069	117	128156	24.541	ug/L	99
33) Benzene	8.325	78	393917	25.502	ug/L	100
34) Trichloroethene	9.093	95	100706	24.438	ug/L	96
35) Methylcyclohexane	9.337	83	159813	24.659	ug/L	98
37) 1,2-Dichloropropane	9.368	63	108630	25.028	ug/L	98
38) Bromodichloromethane	9.642	83	129680	24.437	ug/L	100
39) cis-1,3-Dichloropropene	10.069	75	156316	25.478	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	123920	46.064	ug/L	99
42) Toluene	10.386	91	409970	25.818	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	127555	24.622	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	73459	24.301	ug/L	97
46) Tetrachloroethene	10.861	164	71994	24.991	ug/L	89
48) 2-Hexanone	10.965	43	90640	47.483	ug/L	99
49) Dibromochloromethane	11.129	129	78077	24.709	ug/L	94
50) 1,2-Dibromoethane	11.233	107	64137	23.636	ug/L	98
51) Chlorobenzene	11.654	112	255098	24.739	ug/L	99
52) Ethylbenzene	11.727	91	472067	26.189	ug/L	96
53) m,p-Xylene	11.837	106	169646	25.767	ug/L	96
54) o-Xylene	12.160	106	164235	26.691	ug/L	98
55) Styrene	12.178	104	286933	26.744	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	85866	22.964	ug/L	97
59) Bromoform	12.349	173	40597	23.317	ug/L	96
60) Isopropylbenzene	12.458	105	463325	27.372	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	62279	22.477	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	344260	28.083	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	364959	27.670	ug/L	97
64) 1,3-Dichlorobenzene	13.495	146	194328	26.529	ug/L	93
65) 1,4-Dichlorobenzene	13.574	146	197487	25.339	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	171906	25.385	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.476	75	13710	21.203	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	128609	26.015	ug/L	97
70) 1,2,4-trichlorobenzene	15.123	180	105434	26.309	ug/L	96
71) Naphthalene	15.360	128	195091	24.665	ug/L	100
72) 1,2,3-Trichlorobenzene	15.543	180	93221	25.530	ug/L	99

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

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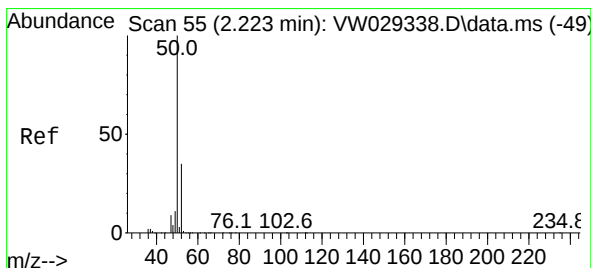
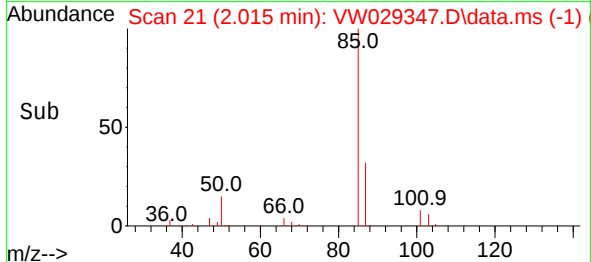
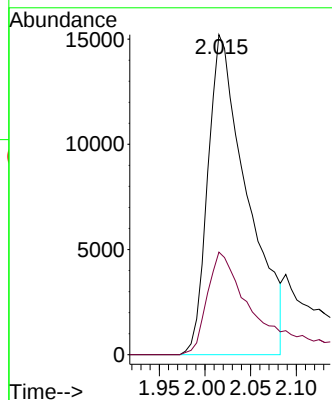
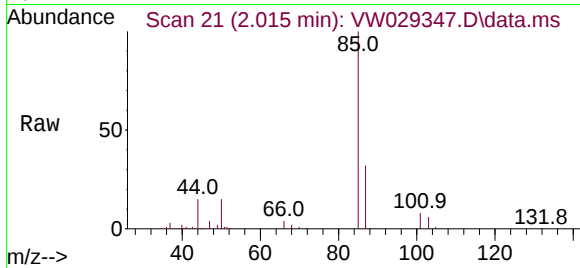




#2
 Dichlorodifluoromethane
 Concen: 16.746 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029347.D
 Acq: 25 Jun 2024 15:51

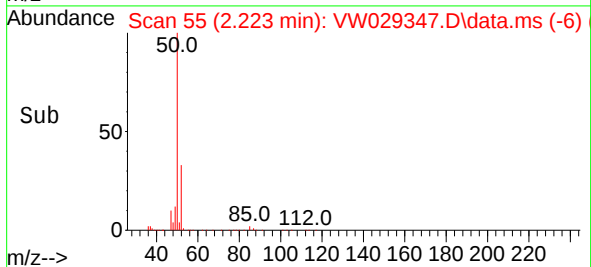
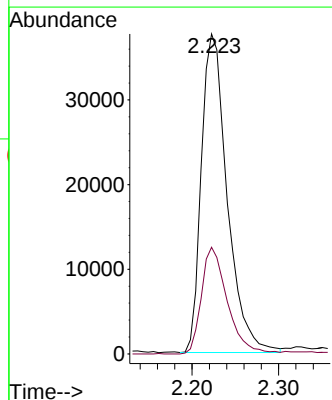
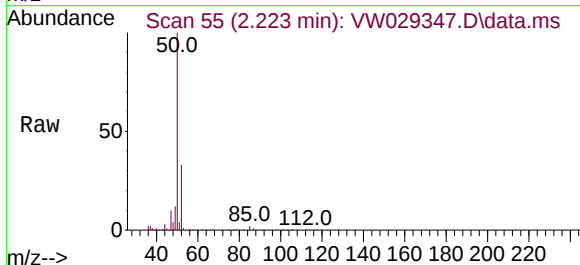
Instrument :
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 ClientSampleId :

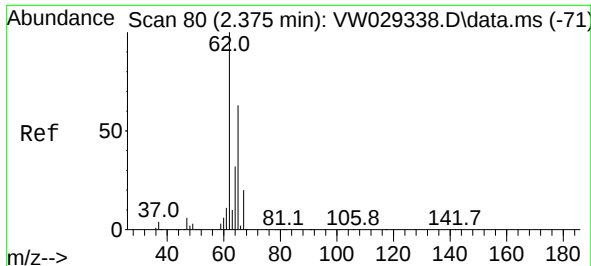
Tgt Ion: 85 Resp: 45747
 Ion Ratio Lower Upper
 85 100
 87 35.1 23.8 35.6



#3
 Chloromethane
 Concen: 20.045 ug/L
 RT: 2.223 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029347.D
 Acq: 25 Jun 2024 15:51

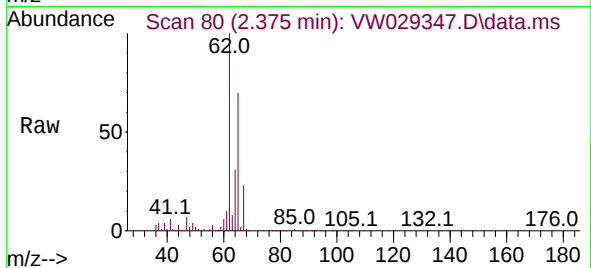
Tgt Ion: 50 Resp: 78079
 Ion Ratio Lower Upper
 50 100
 52 33.3 22.3 41.5



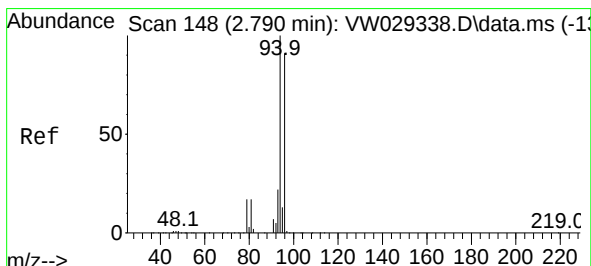
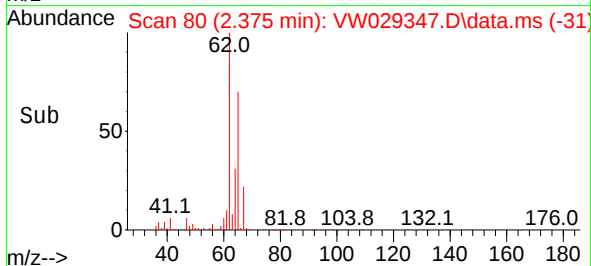
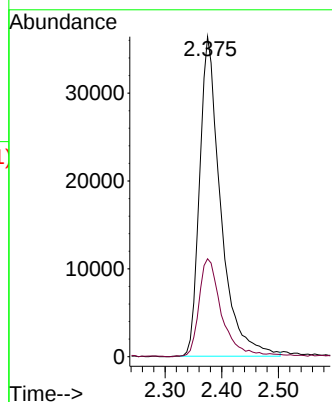


#5
 Vinyl chloride
 Concen: 21.048 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029347.D
 Acq: 25 Jun 2024 15:51

Instrument :
 MSVOA_W
 ClientSampleId :

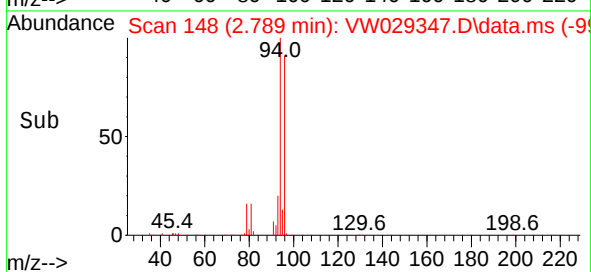
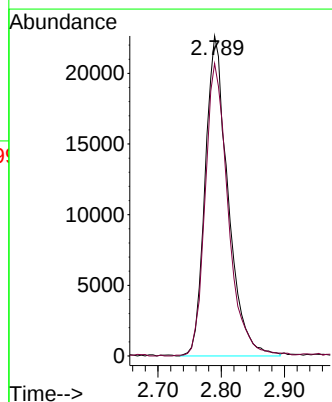
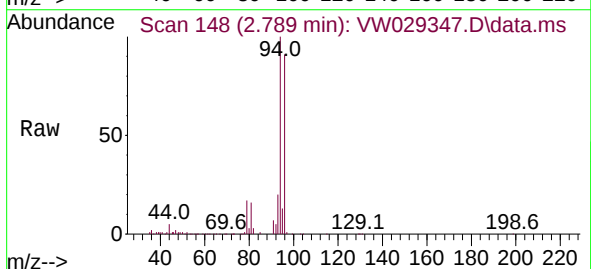


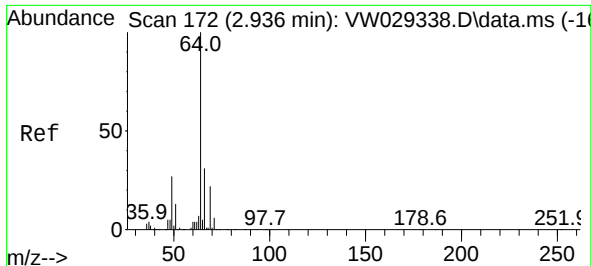
Tgt Ion: 62 Resp: 94150
 Ion Ratio Lower Upper
 62 100
 64 30.6 22.0 40.8



#6
 Bromomethane
 Concen: 21.200 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029347.D
 Acq: 25 Jun 2024 15:51

Tgt Ion: 94 Resp: 56997
 Ion Ratio Lower Upper
 94 100
 96 91.4 69.5 129.1

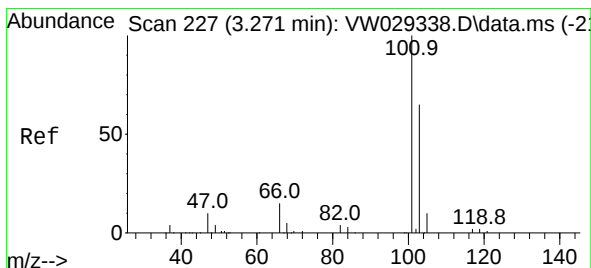
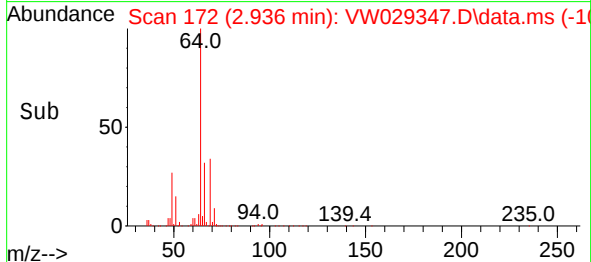
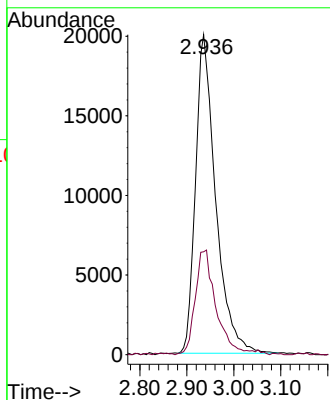
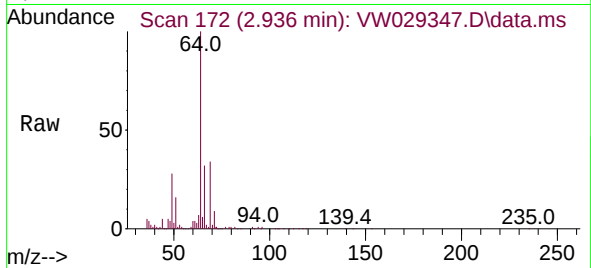




#8
Chloroethane
Concen: 21.783 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

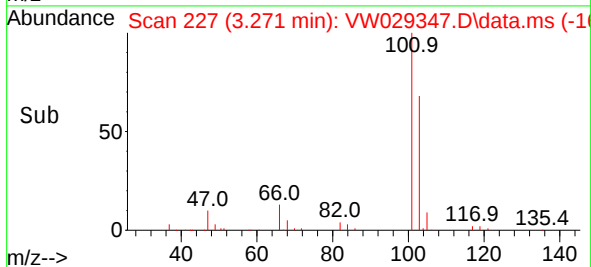
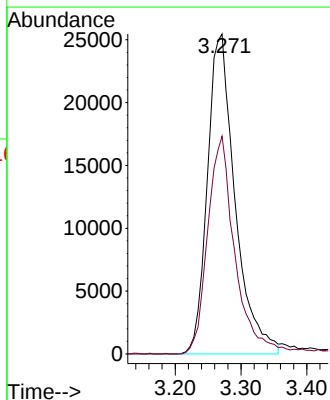
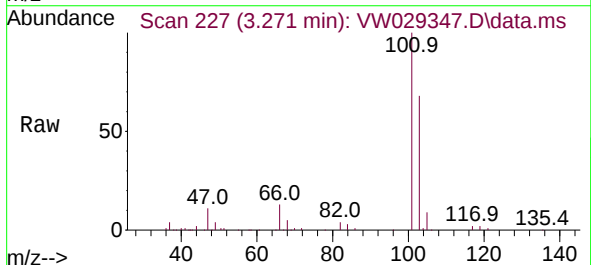
Instrument :
MSVOA_W
ClientSampleId :

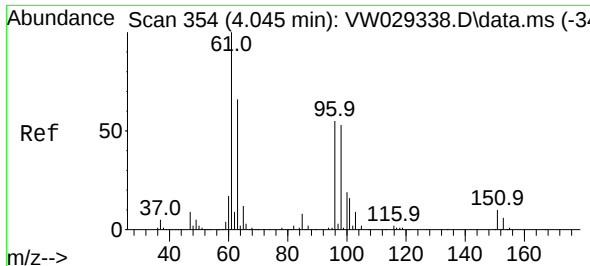
Tgt Ion: 64 Resp: 59597
Ion Ratio Lower Upper
64 100
66 32.2 22.5 41.9



#9
Trichlorofluoromethane
Concen: 21.488 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion:101 Resp: 74519
Ion Ratio Lower Upper
101 100
103 66.8 50.8 76.2





#12

1,1-Dichloroethene

Concen: 24.248 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

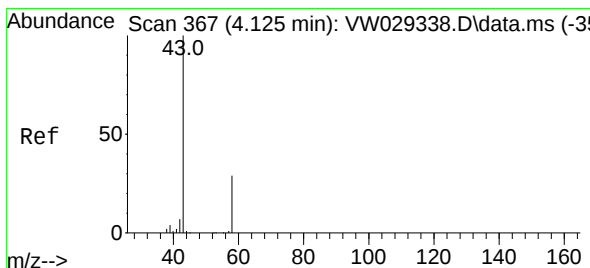
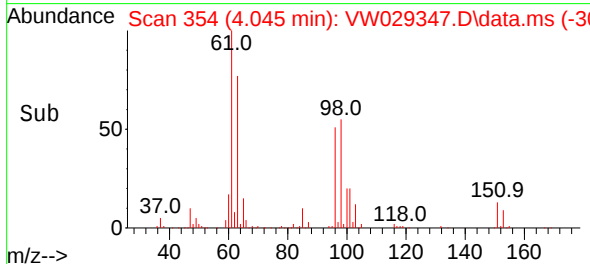
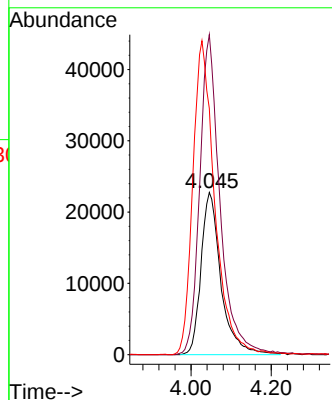
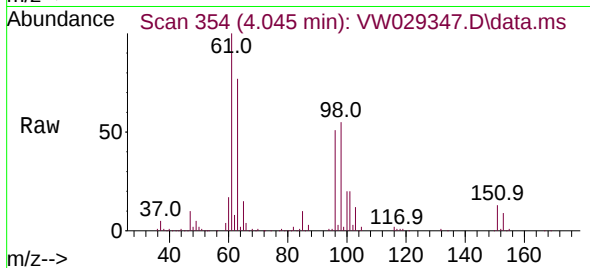
Tgt Ion: 96 Resp: 78669

Ion Ratio Lower Upper

96 100

61 197.3 140.1 260.3

63 151.9 122.0 226.6



#13

Acetone

Concen: 47.085 ug/L

RT: 4.119 min Scan# 366

Delta R.T. -0.006 min

Lab File: VW029347.D

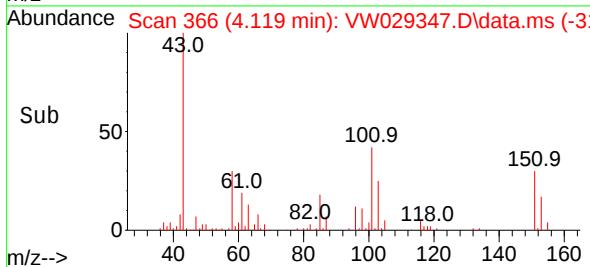
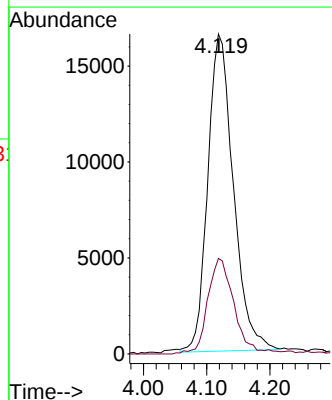
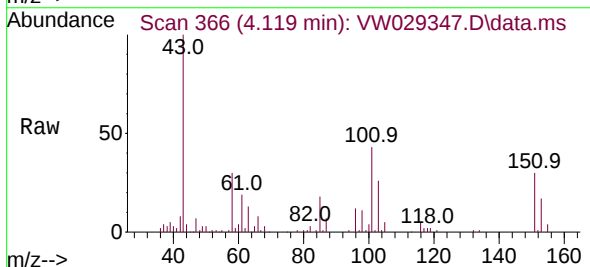
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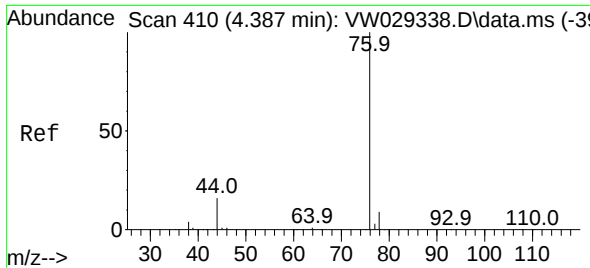
Tgt Ion: 43 Resp: 46397

Ion Ratio Lower Upper

43 100

58 30.2 0.0 61.4

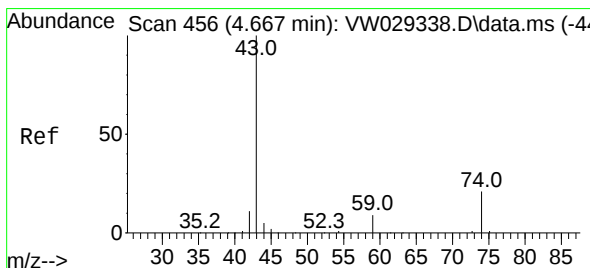
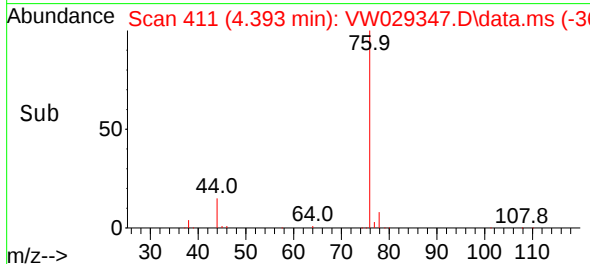
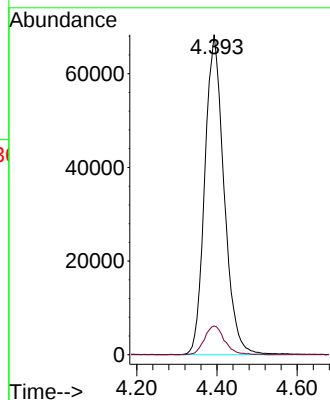
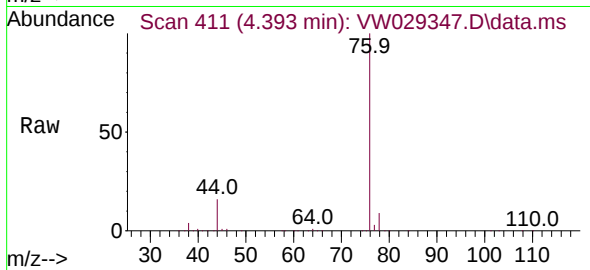




#14
Carbon disulfide
Concen: 21.470 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

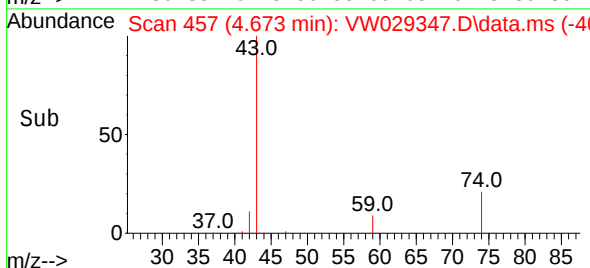
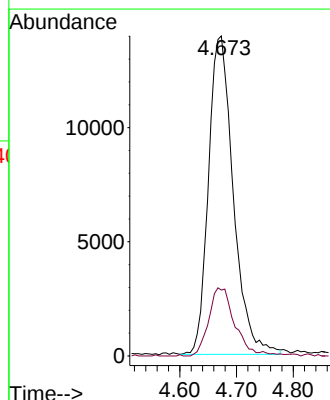
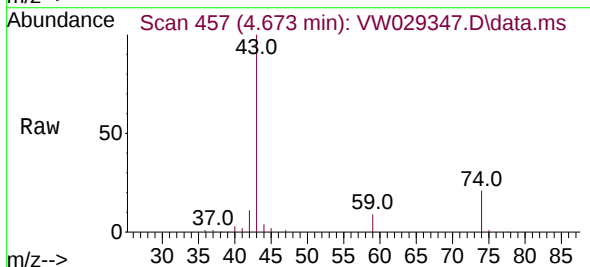
Instrument :
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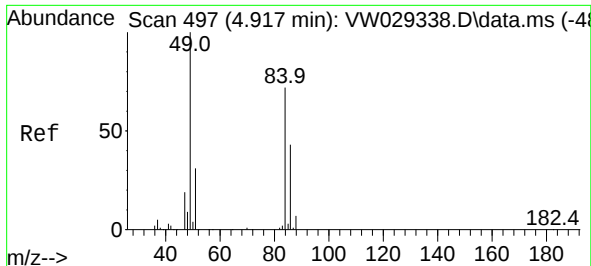
Tgt Ion: 76 Resp: 227393
Ion Ratio Lower Upper
76 100
78 8.9 7.2 10.8



#15
Methyl Acetate
Concen: 21.679 ug/L
RT: 4.673 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW029347.D
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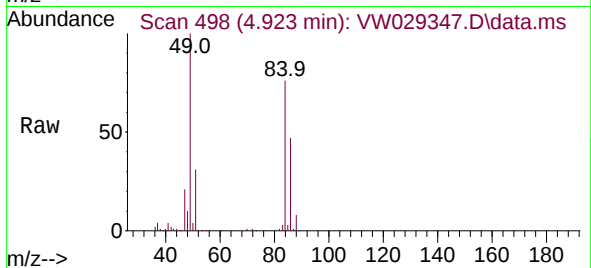
Tgt Ion: 43 Resp: 42408
Ion Ratio Lower Upper
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74 21.8 16.6 25.0



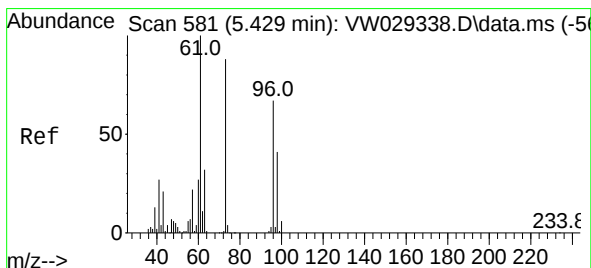
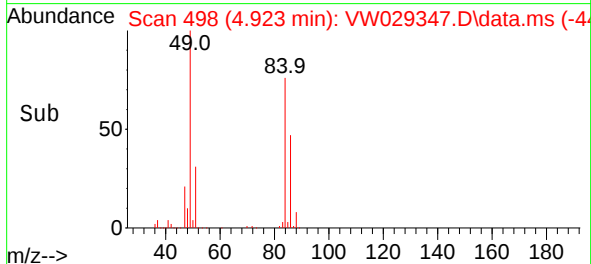
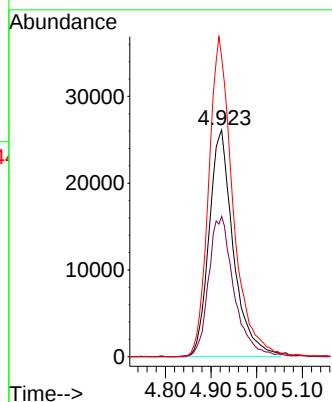


#16
Methylene chloride
Concen: 19.575 ug/L
RT: 4.923 min Scan# 49
Delta R.T. 0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Instrument :
MSVOA_W
ClientSampleId :

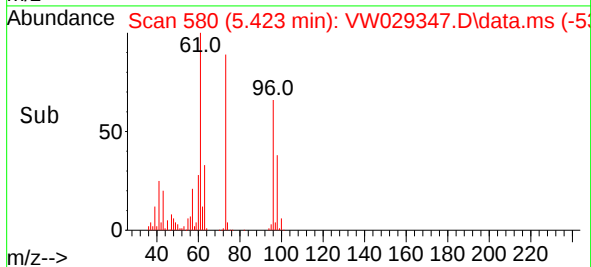
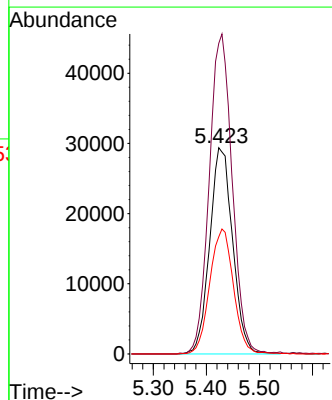
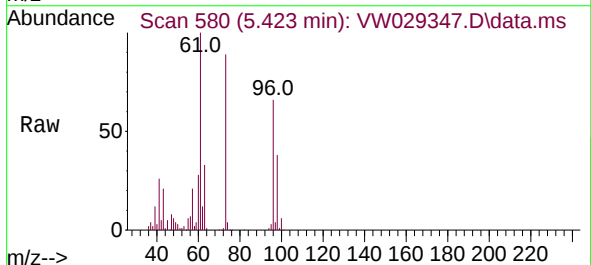


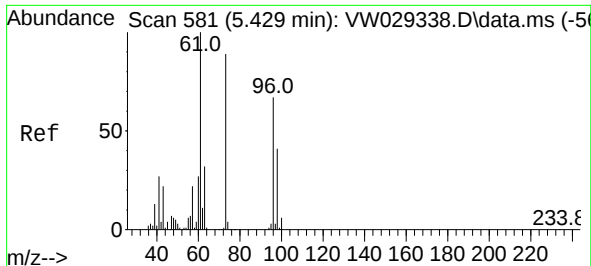
Tgt Ion: 84 Resp: 96378
Ion Ratio Lower Upper
84 100
86 61.9 41.4 77.0
49 132.2 95.7 177.7



#17
trans-1,2-Dichloroethene
Concen: 24.568 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion: 96 Resp: 88520
Ion Ratio Lower Upper
96 100
61 150.5 101.5 188.5
98 56.7 43.3 80.3





#18

Methyl tert-butyl Ether

Concen: 23.588 ug/L

RT: 5.423 min Scan# 581

Delta R.T. -0.006 min

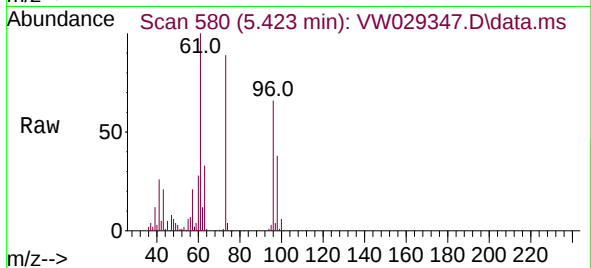
Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :



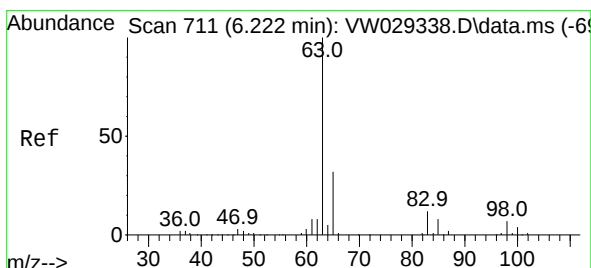
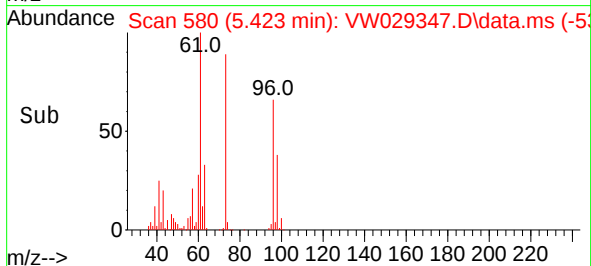
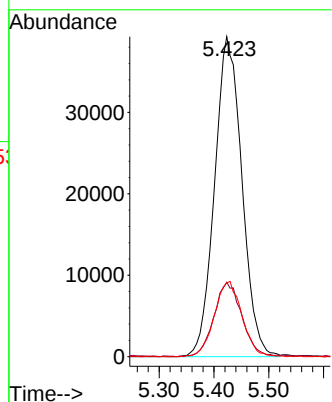
Tgt Ion: 73 Resp: 135976

Ion Ratio Lower Upper

73 100

43 23.9 19.5 29.3

57 23.8 18.4 27.6



#19

1,1-Dichloroethane

Concen: 24.233 ug/L

RT: 6.216 min Scan# 710

Delta R.T. -0.006 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

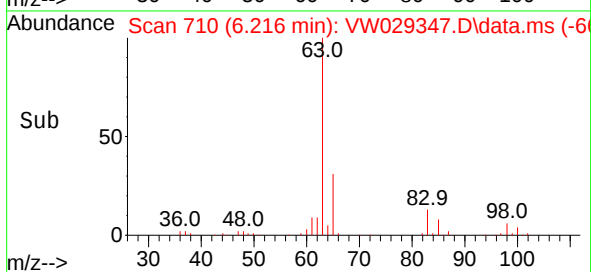
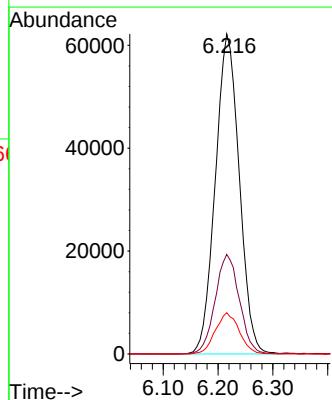
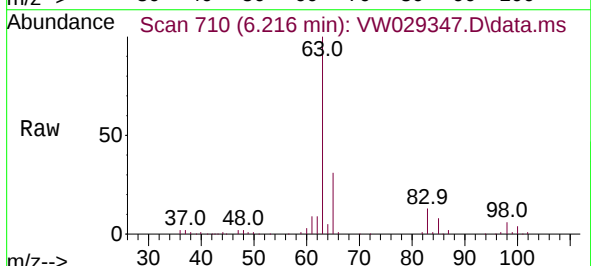
Tgt Ion: 63 Resp: 188573

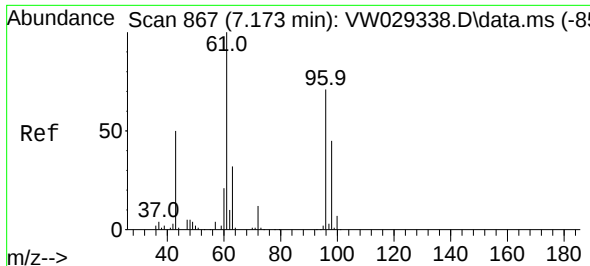
Ion Ratio Lower Upper

63 100

65 31.1 23.4 43.4

83 12.9 8.9 16.5

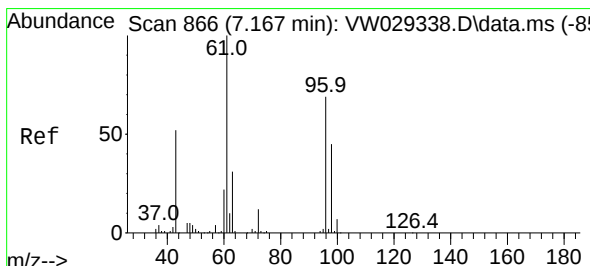
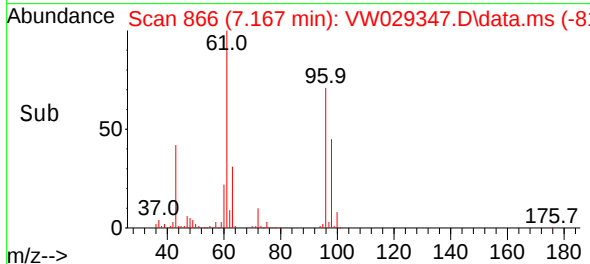
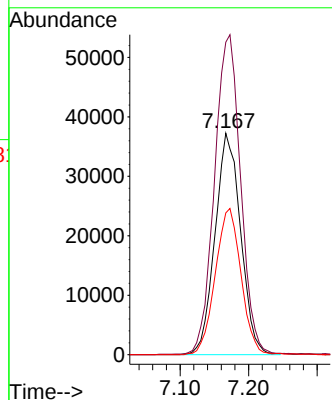
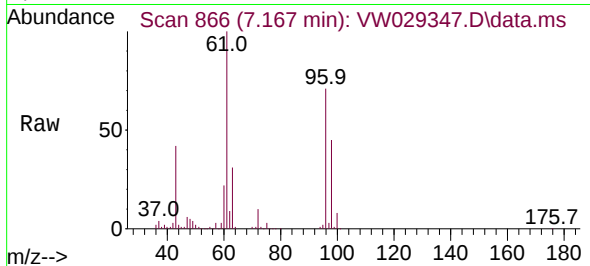




#20
cis-1,2-Dichloroethene
Concen: 24.306 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

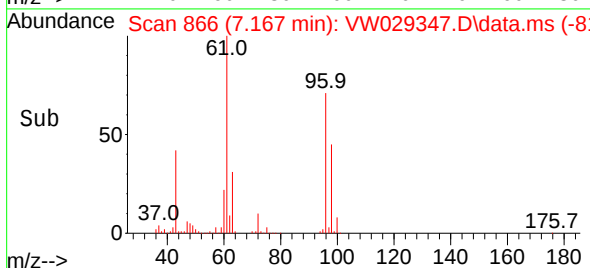
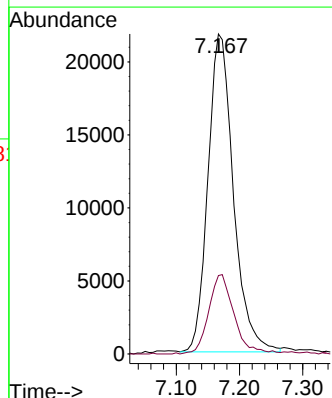
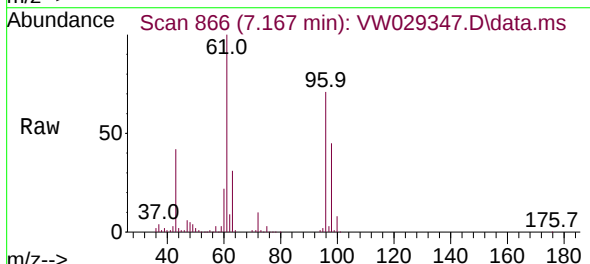
Instrument :
MSVOA_W
ClientSampleId :

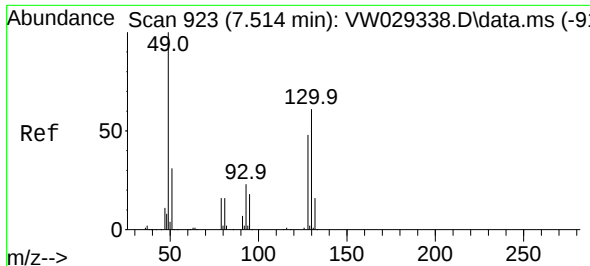
Tgt Ion: 96 Resp: 96574
Ion Ratio Lower Upper
96 100
61 141.2 97.8 181.6
98 64.0 43.0 79.8



#22
2-Butanone
Concen: 45.045 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

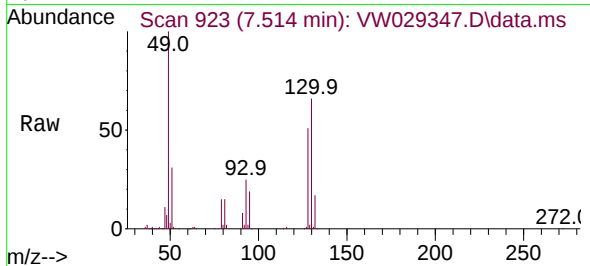
Tgt Ion: 43 Resp: 60844
Ion Ratio Lower Upper
43 100
72 24.5 11.9 35.7



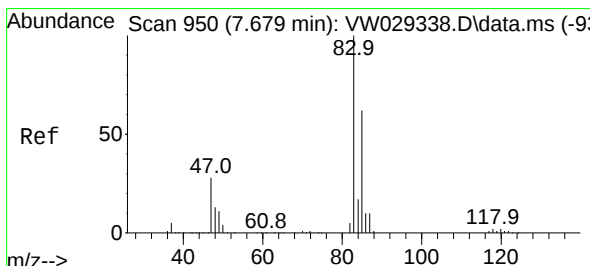
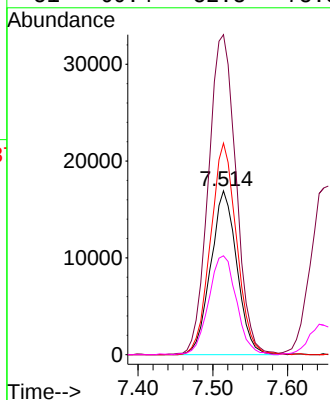
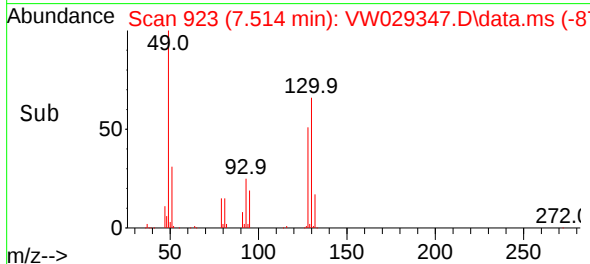


#23
Bromochloromethane
Concen: 23.300 ug/L
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Instrument :
MSVOA_W
ClientSampleId :

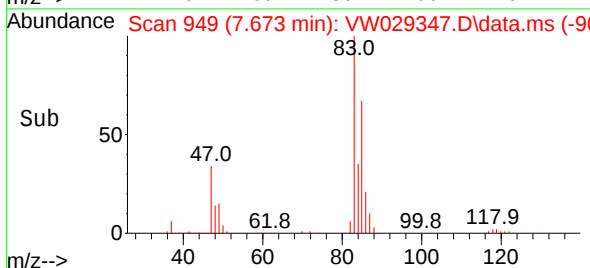
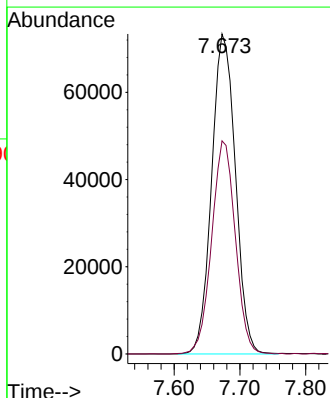
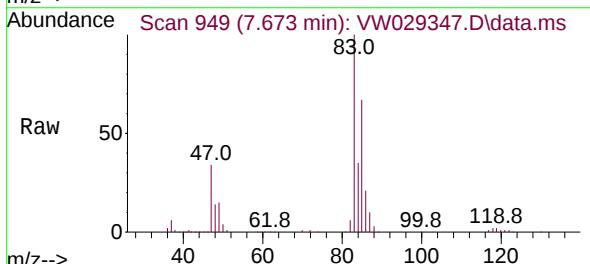


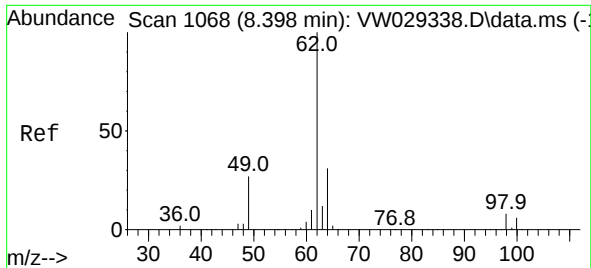
Tgt Ion:	128	Resp:	41212
Ion	Ratio	Lower	Upper
128	100		
49	195.3	142.6	264.8
130	129.1	79.7	148.1
51	60.4	52.3	78.5



#25
Chloroform
Concen: 24.290 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion:	83	Resp:	184572
Ion	Ratio	Lower	Upper
83	100		
85	66.6	44.4	82.4





#27

1,2-Dichloroethane

Concen: 22.464 ug/L

RT: 8.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

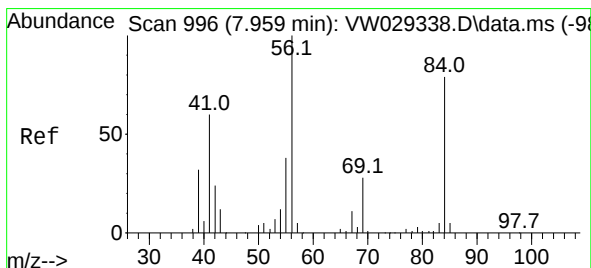
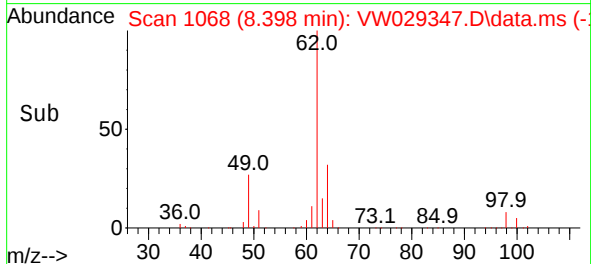
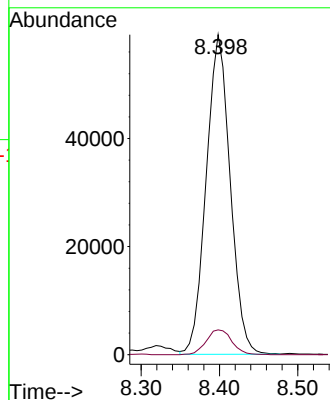
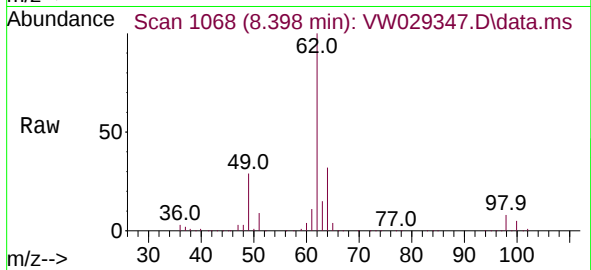
ClientSampleId :

Tgt Ion: 62 Resp: 125894

Ion Ratio Lower Upper

62 100

98 7.8 6.6 10.0



#29

Cyclohexane

Concen: 24.439 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

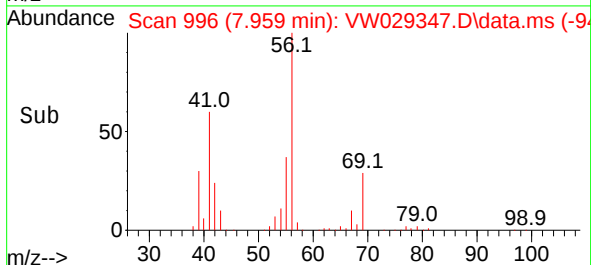
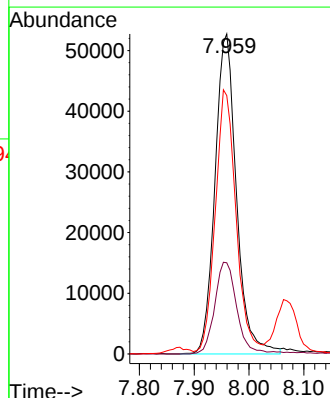
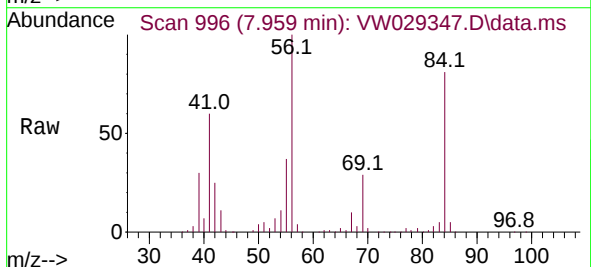
Tgt Ion: 56 Resp: 143625

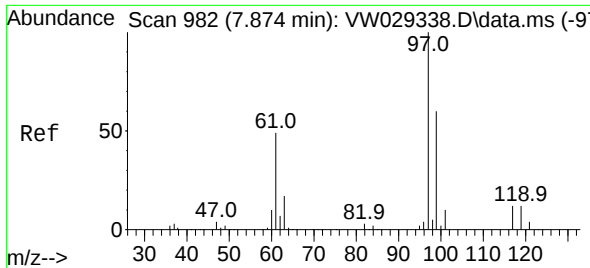
Ion Ratio Lower Upper

56 100

69 29.0 23.4 35.0

84 79.8 64.5 96.7





#30

1,1,1-Trichloroethane

Concen: 25.446 ug/L

RT: 7.874 min Scan# 9

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

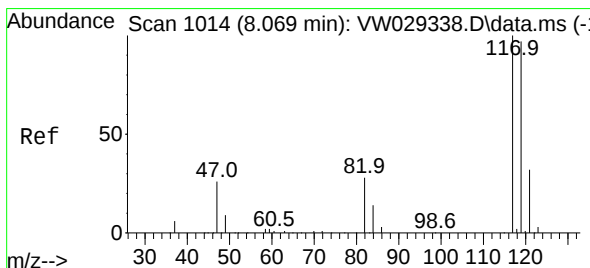
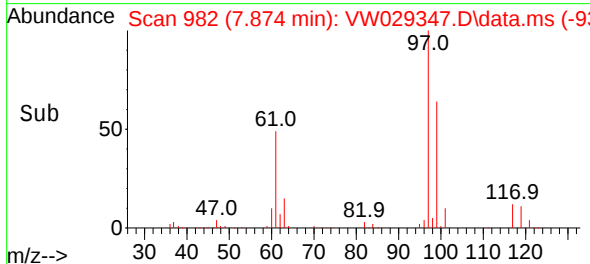
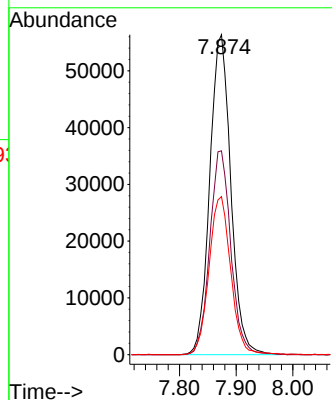
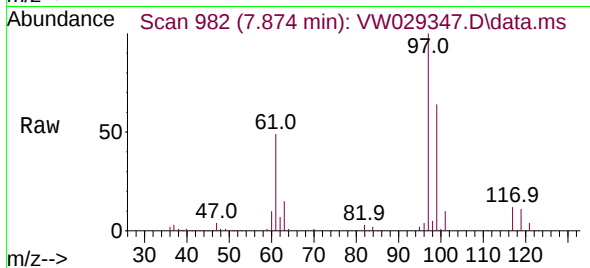
Tgt Ion: 97 Resp: 145464

Ion Ratio Lower Upper

97 100

99 63.9 53.0 79.4

61 51.1 43.0 64.4



#31

Carbon tetrachloride

Concen: 24.541 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW029347.D

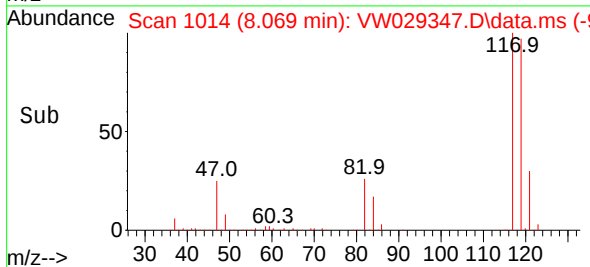
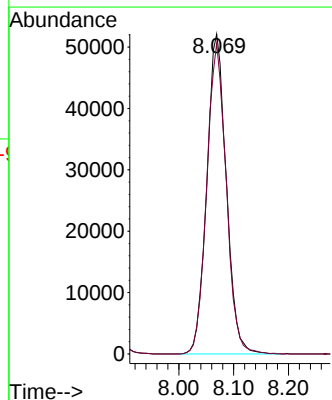
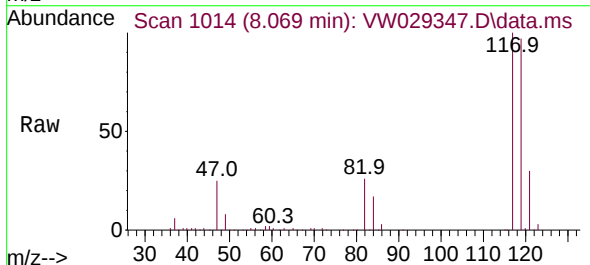
Acq: 25 Jun 2024 15:51

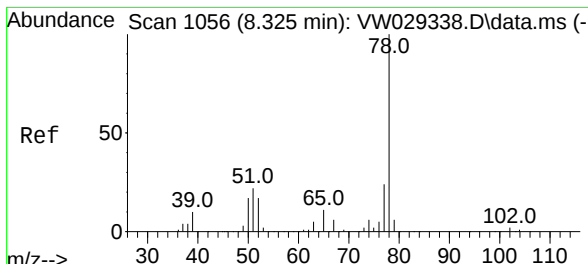
Tgt Ion: 117 Resp: 128156

Ion Ratio Lower Upper

117 100

119 97.3 79.0 118.4

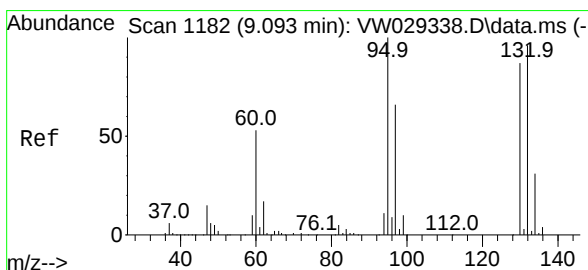
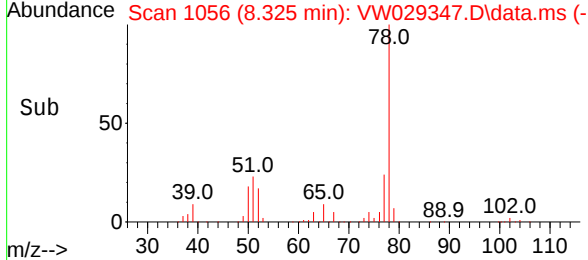
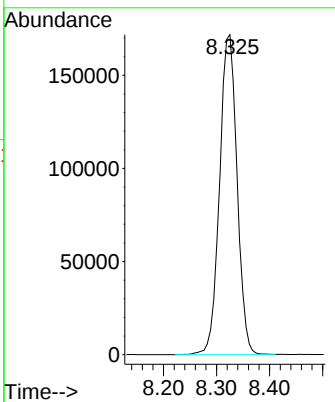
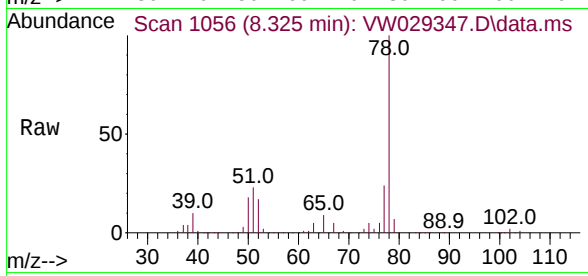




#33
Benzene
Concen: 25.502 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Instrument : MSVOA_W
ClientSampleId :

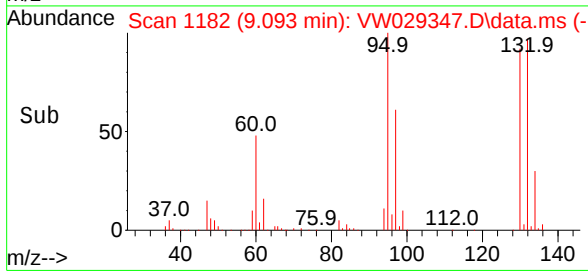
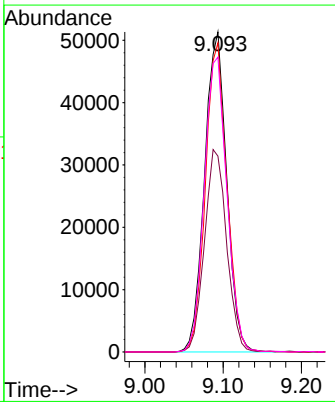
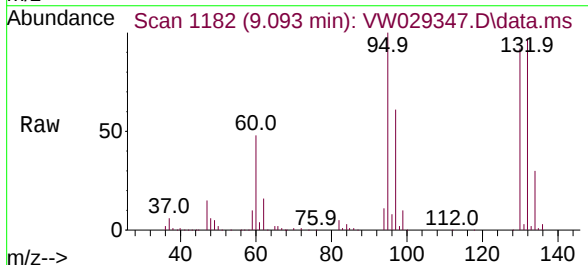
Tgt Ion: 78 Resp: 393917

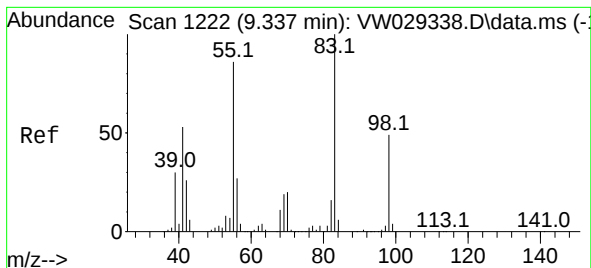


#34
Trichloroethene
Concen: 24.438 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion: 95 Resp: 100706

Ion	Ratio	Lower	Upper
95	100		
97	61.2	45.7	84.9
132	96.6	66.4	123.4
130	92.1	61.6	114.4





#35

Methylcyclohexane

Concen: 24.659 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

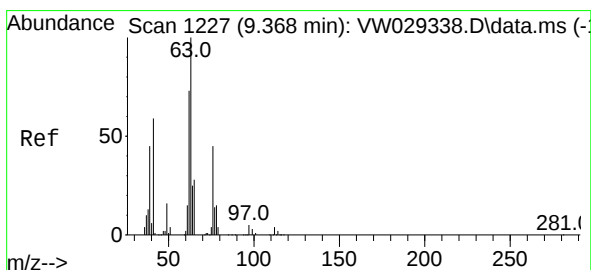
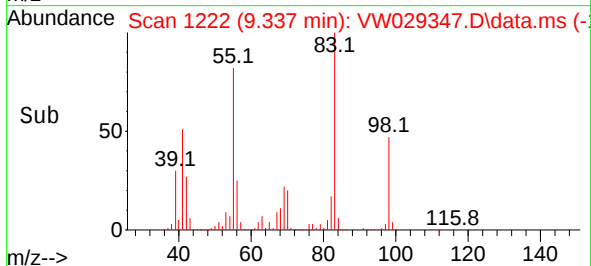
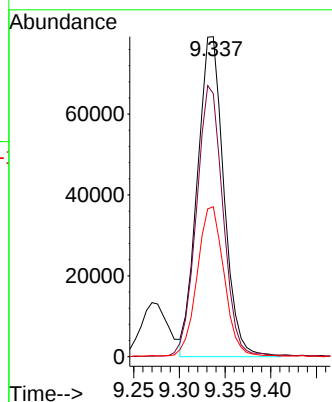
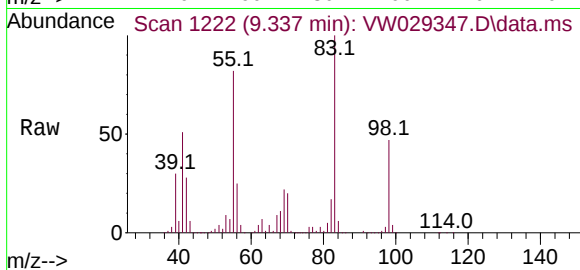
Tgt Ion: 83 Resp: 159813

Ion Ratio Lower Upper

83 100

55 84.0 69.5 104.3

98 47.6 38.0 57.0



#37

1,2-Dichloropropane

Concen: 25.028 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029347.D

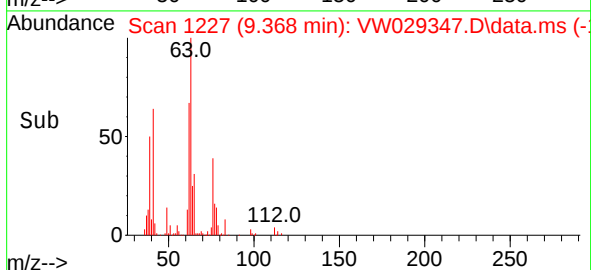
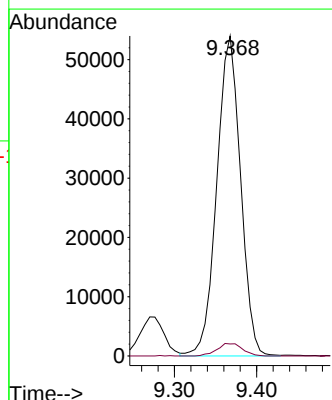
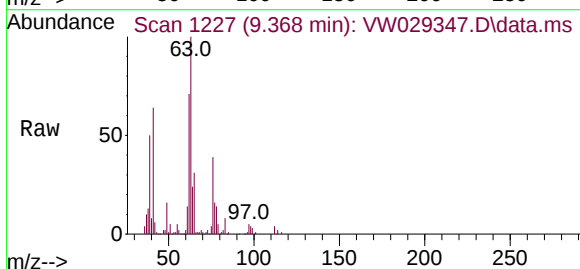
Acq: 25 Jun 2024 15:51

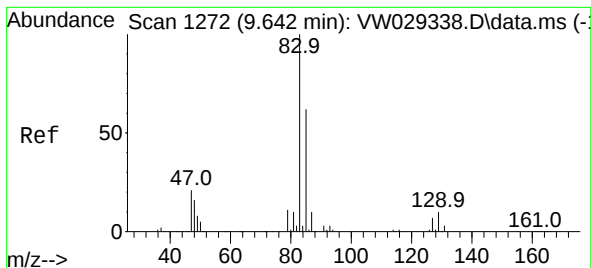
Tgt Ion: 63 Resp: 108630

Ion Ratio Lower Upper

63 100

112 4.2 3.8 5.6





#38

Bromodichloromethane

Concen: 24.437 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

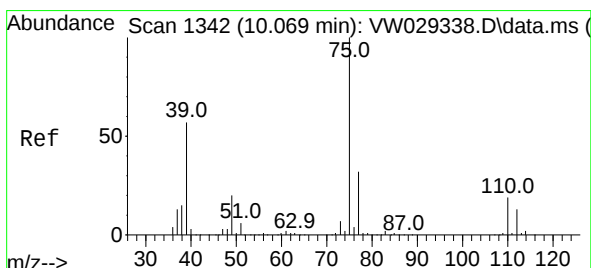
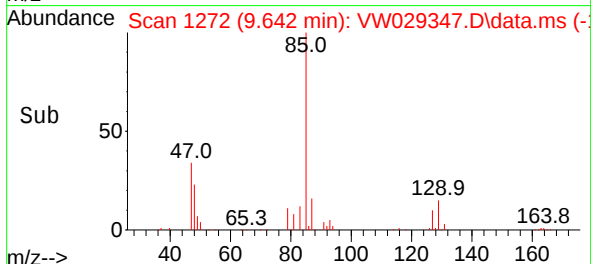
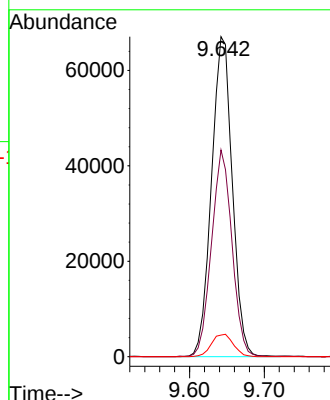
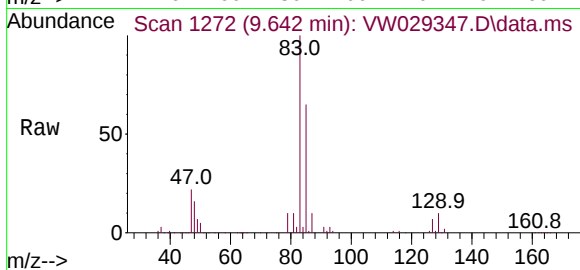
Tgt Ion: 83 Resp: 129680

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.9

127 6.8 5.8 8.6



#39

cis-1,3-Dichloropropene

Concen: 25.478 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029347.D

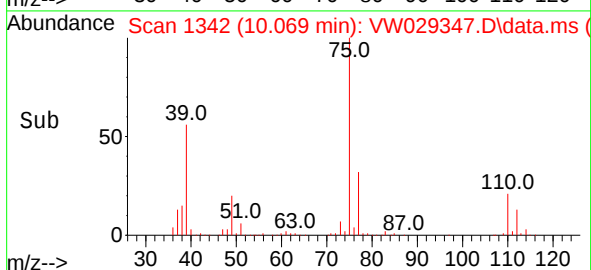
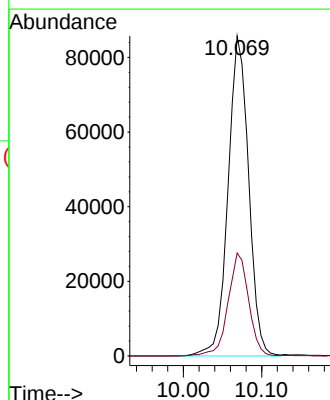
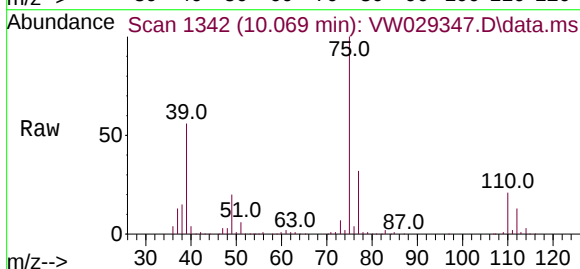
Acq: 25 Jun 2024 15:51

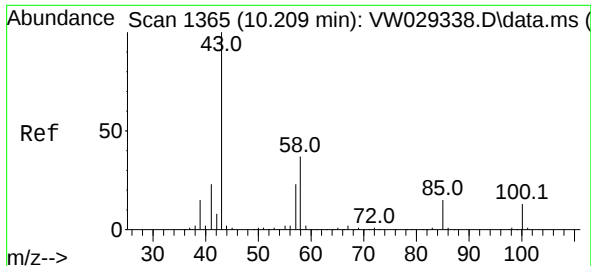
Tgt Ion: 75 Resp: 156316

Ion Ratio Lower Upper

75 100

77 32.2 22.7 42.1





#40

4-Methyl-2-pentanone

Concen: 46.064 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

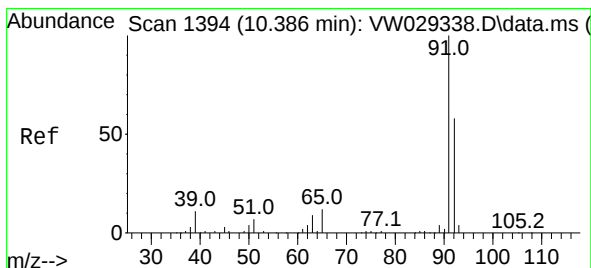
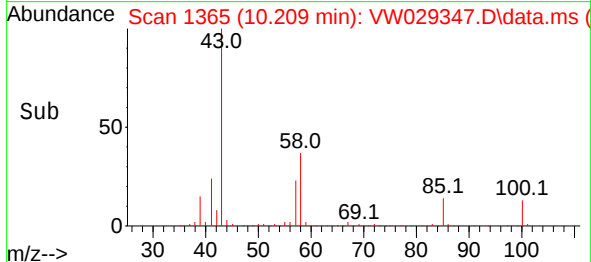
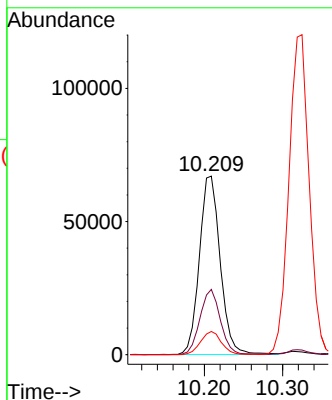
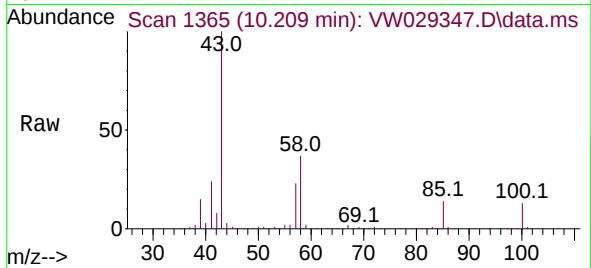
Tgt Ion: 43 Resp: 123920

Ion Ratio Lower Upper

43 100

58 35.9 28.2 42.4

100 13.1 11.0 16.4



#42

Toluene

Concen: 25.818 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029347.D

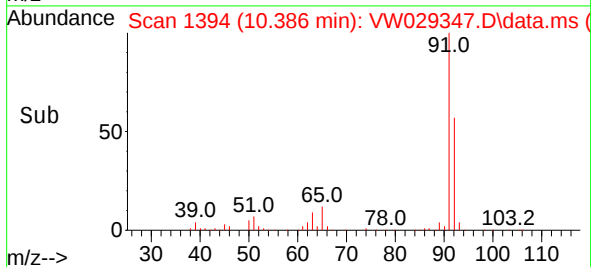
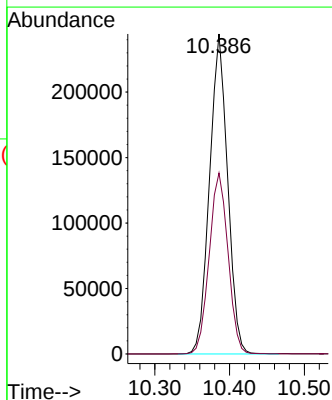
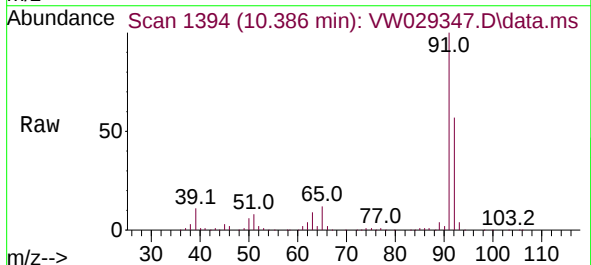
Acq: 25 Jun 2024 15:51

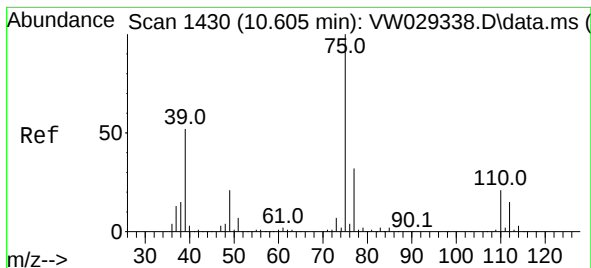
Tgt Ion: 91 Resp: 409970

Ion Ratio Lower Upper

91 100

92 56.6 39.3 73.1





#44

trans-1,3-Dichloropropene

Concen: 24.622 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

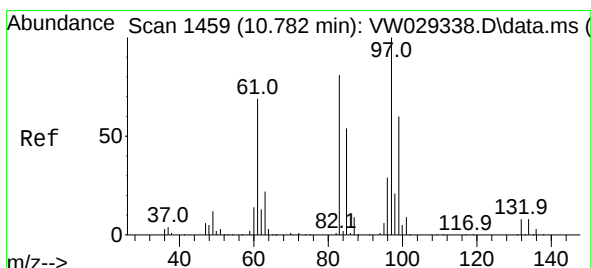
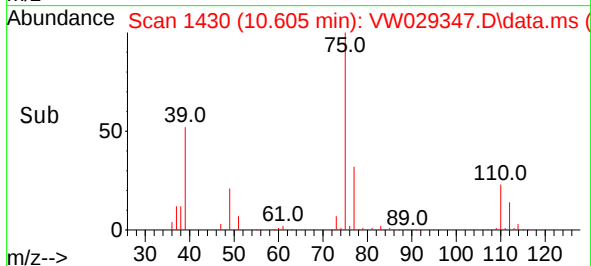
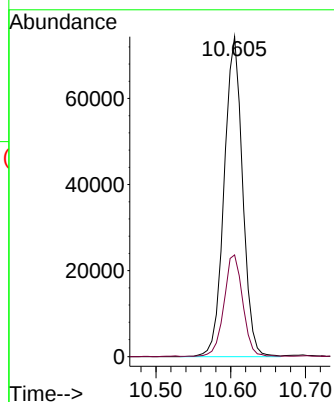
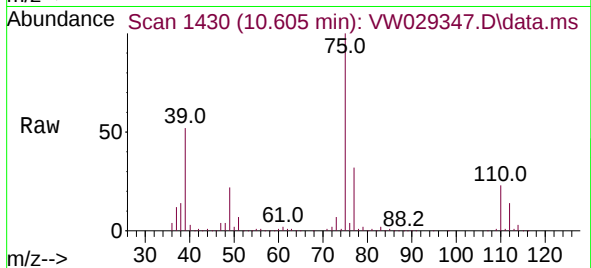
ClientSampleId :

Tgt Ion: 75 Resp: 127555

Ion Ratio Lower Upper

75 100

77 31.8 22.7 42.1



#45

1,1,2-Trichloroethane

Concen: 24.301 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Tgt Ion: 97 Resp: 73459

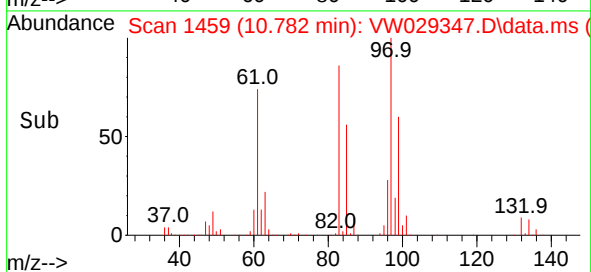
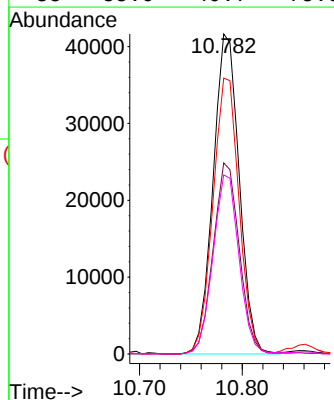
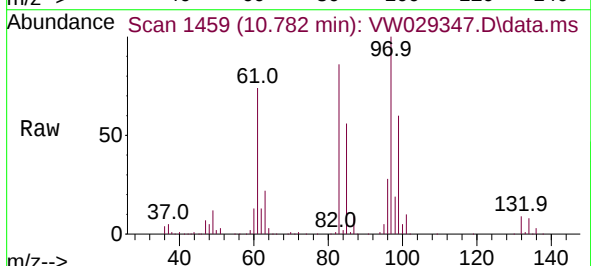
Ion Ratio Lower Upper

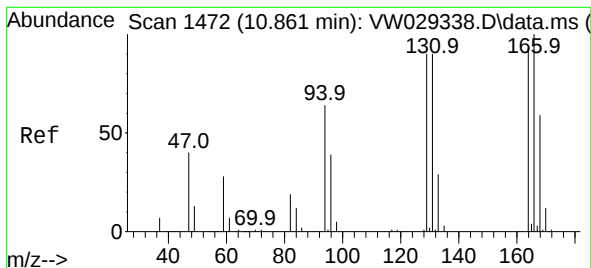
97 100

99 59.7 42.3 78.5

83 86.2 57.7 107.1

85 55.9 40.7 75.5





#46

Tetrachloroethene

Concen: 24.991 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

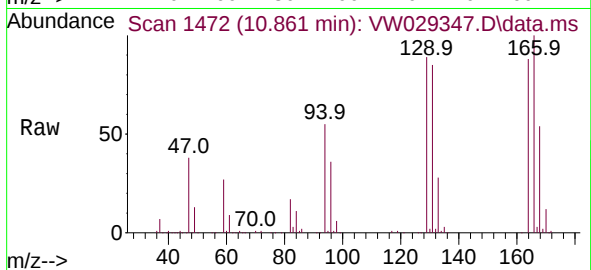
Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 71994

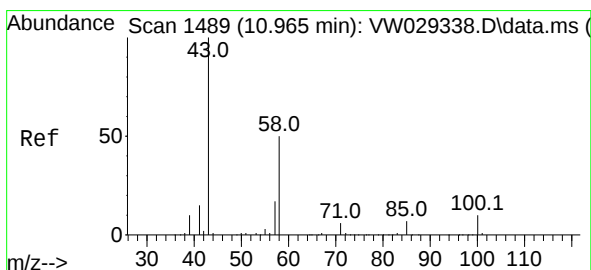
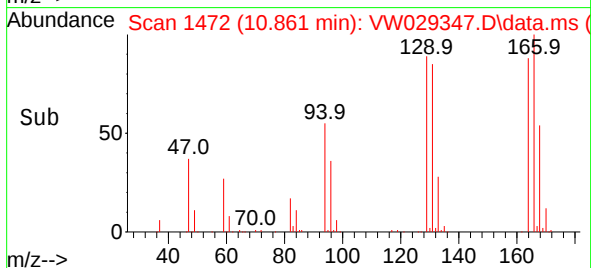
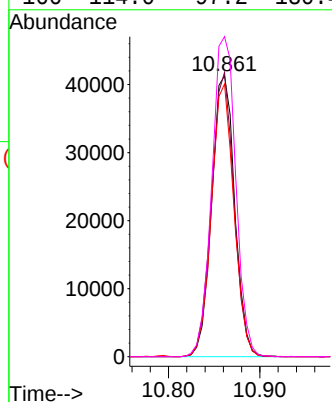
Ion Ratio Lower Upper

164 100

129 101.3 68.5 127.3

131 97.1 71.8 133.4

166 114.0 97.2 180.4



#48

2-Hexanone

Concen: 47.483 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Tgt Ion: 43 Resp: 90640

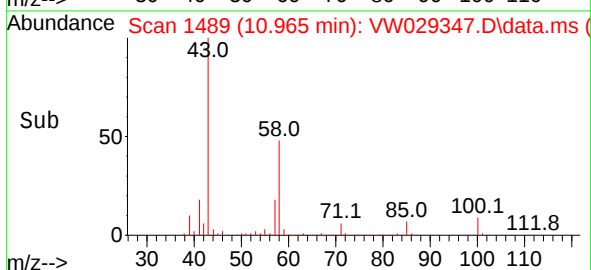
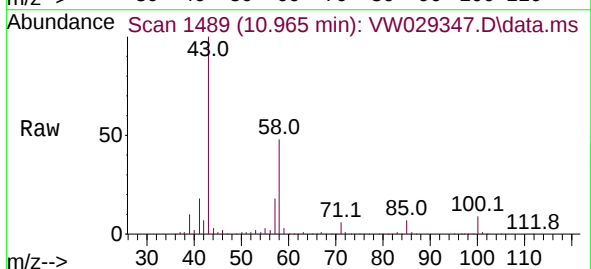
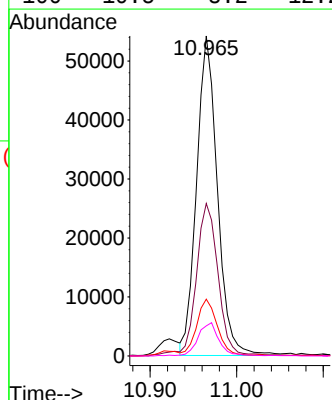
Ion Ratio Lower Upper

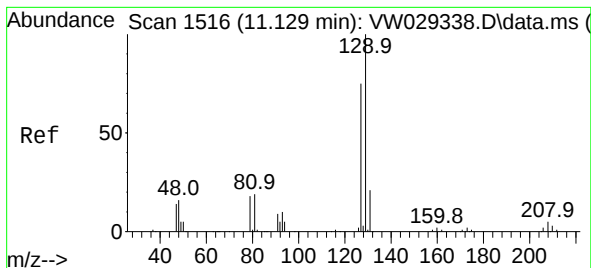
43 100

58 48.4 39.6 59.4

57 17.8 14.6 21.8

100 10.5 8.2 12.2





#49

Dibromochloromethane

Concen: 24.709 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

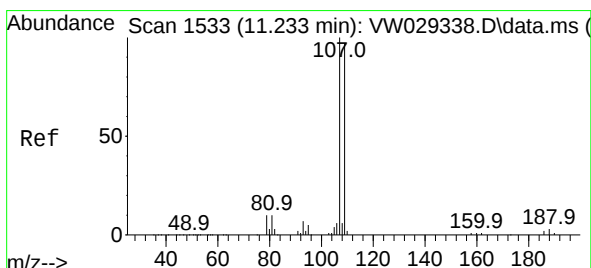
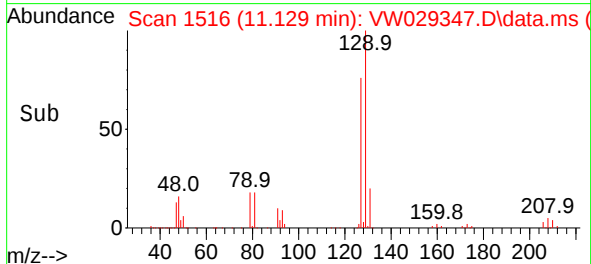
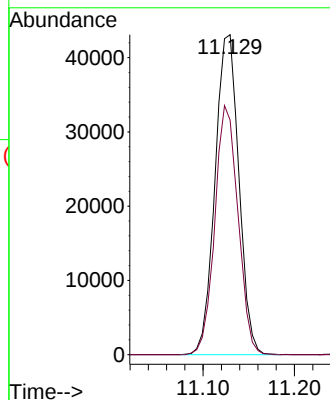
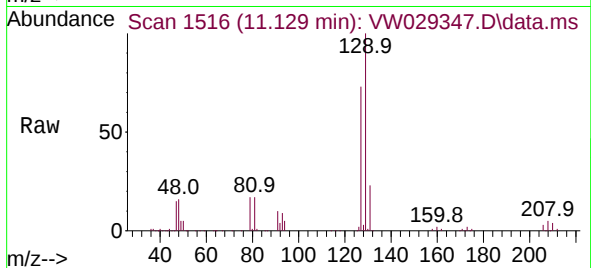
ClientSampleId :

Tgt Ion:129 Resp: 78077

Ion Ratio Lower Upper

129 100

127 73.3 54.8 101.8



#50

1,2-Dibromoethane

Concen: 23.636 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

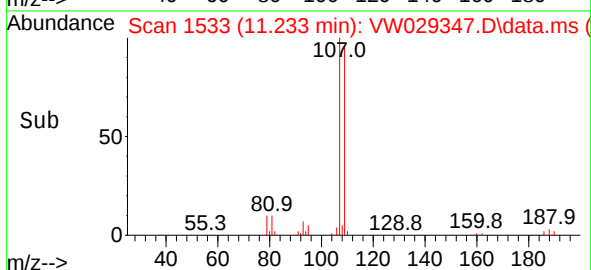
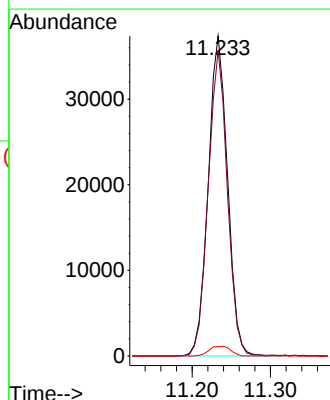
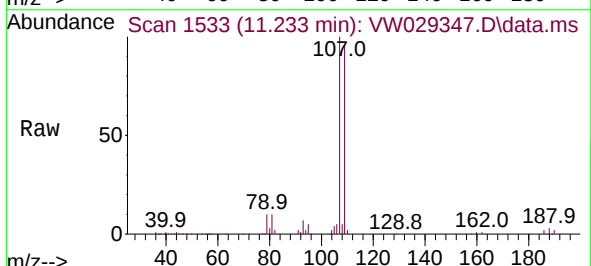
Tgt Ion:107 Resp: 64137

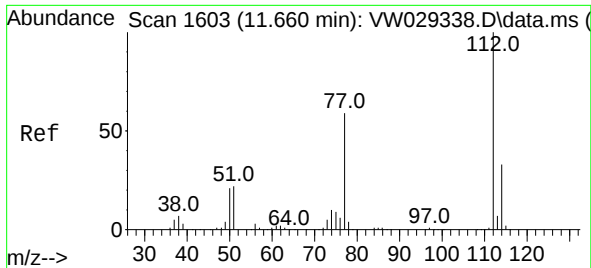
Ion Ratio Lower Upper

107 100

109 95.5 65.5 121.6

188 2.9 2.6 4.0

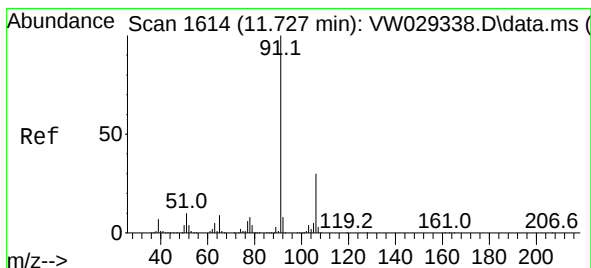
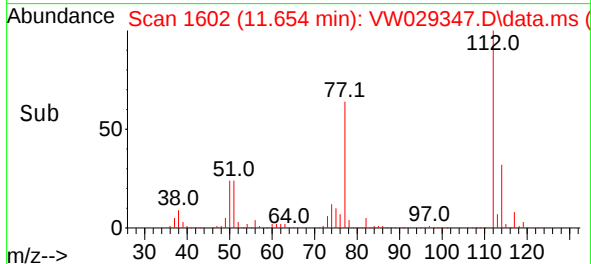
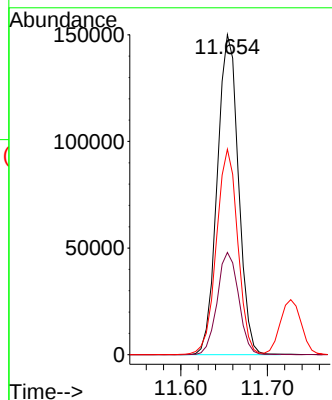
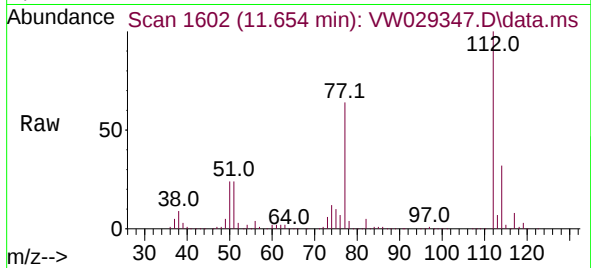




#51
Chlorobenzene
Concen: 24.739 ug/L
RT: 11.654 min Scan# 1160
Delta R.T. -0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

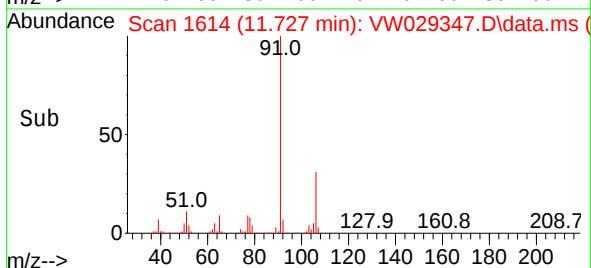
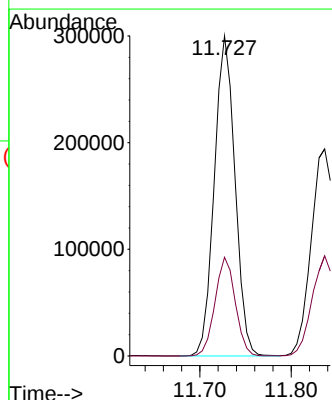
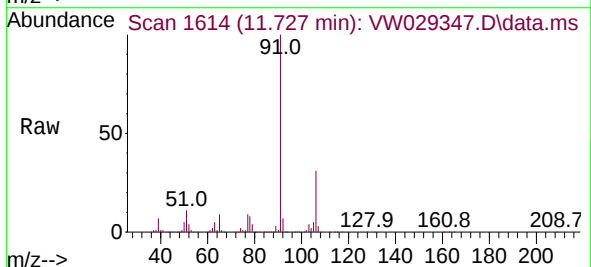
Instrument :
MSVOA_W
ClientSampleId :

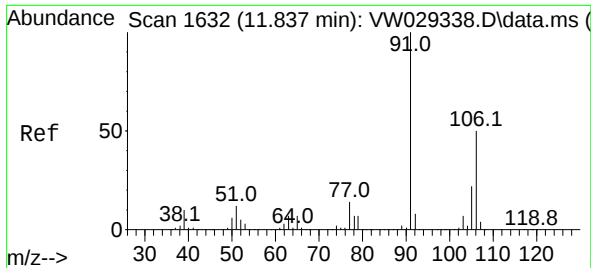
Tgt Ion:112 Resp: 255098
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 64.2 51.0 76.6



#52
Ethylbenzene
Concen: 26.189 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion: 91 Resp: 472067
Ion Ratio Lower Upper
91 100
106 30.8 19.9 37.0

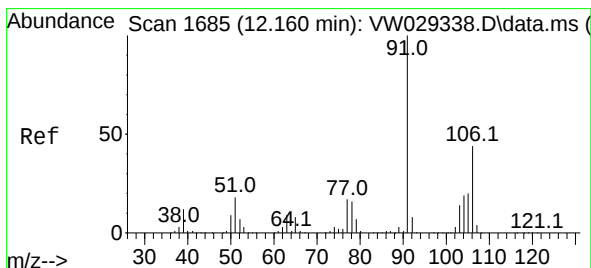
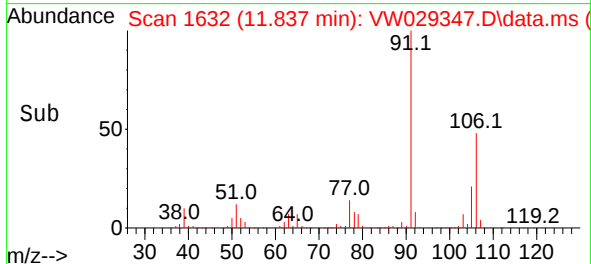
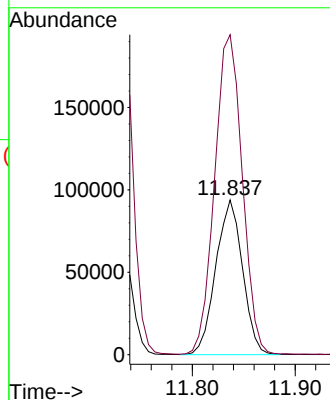
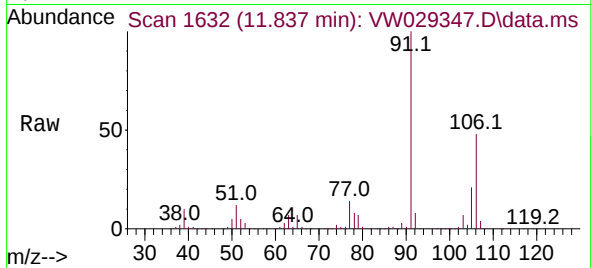




#53
m,p-Xylene
Concen: 25.767 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

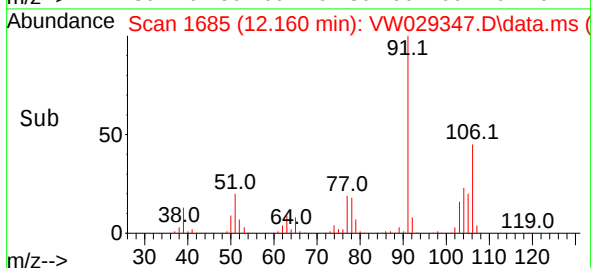
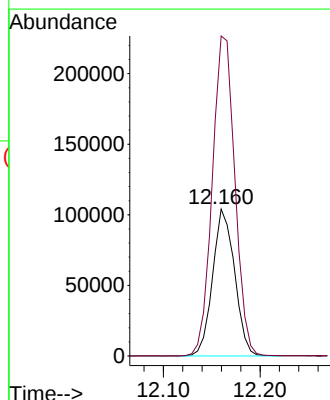
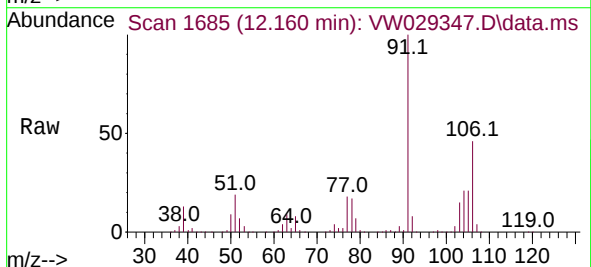
Instrument :
MSVOA_W
ClientSampleId :

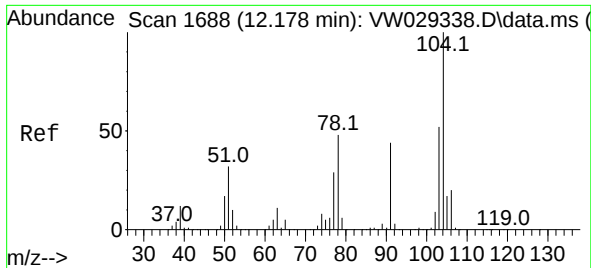
Tgt Ion:106 Resp: 169646
Ion Ratio Lower Upper
106 100
91 206.9 140.5 260.9



#54
o-Xylene
Concen: 26.691 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

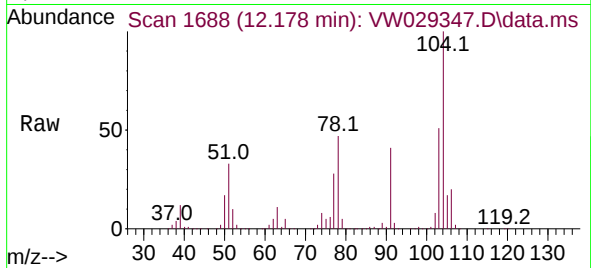
Tgt Ion:106 Resp: 164235
Ion Ratio Lower Upper
106 100
91 217.9 149.9 278.5



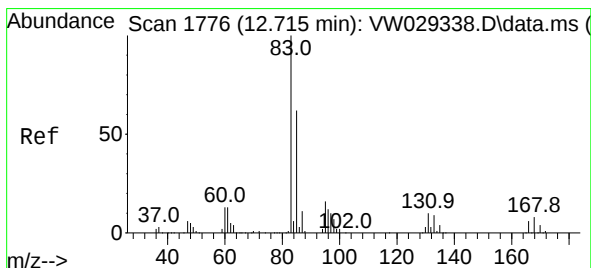
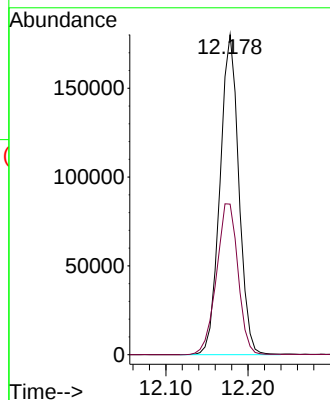
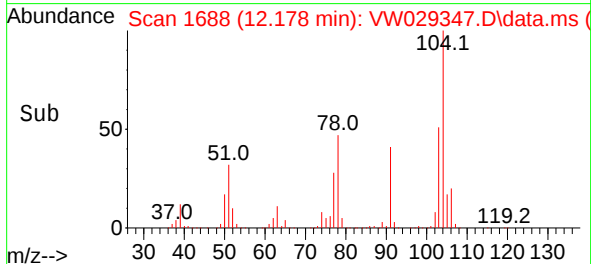


#55
Styrene
Concen: 26.744 ug/L
RT: 12.178 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

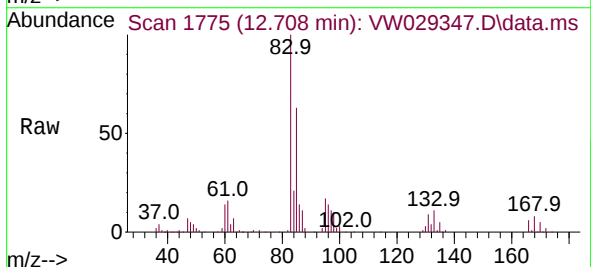
Instrument :
MSVOA_W
ClientSampleId :



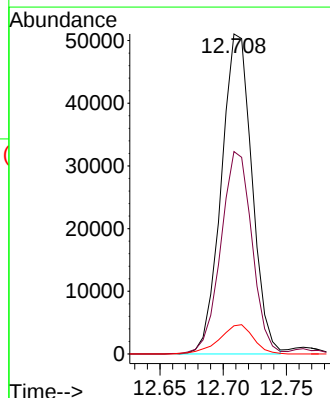
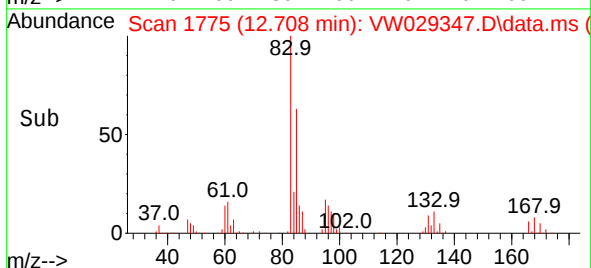
Tgt Ion:104 Resp: 286933
Ion Ratio Lower Upper
104 100
78 47.0 35.4 65.7

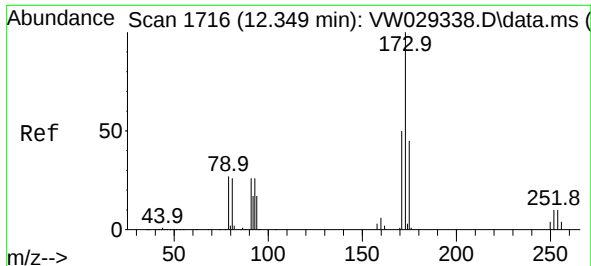


#57
1,1,2,2-Tetrachloroethane
Concen: 22.964 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51



Tgt Ion: 83 Resp: 85866
Ion Ratio Lower Upper
83 100
85 63.3 45.8 85.0
131 8.8 7.8 11.6





#59

Bromoform

Concen: 23.317 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

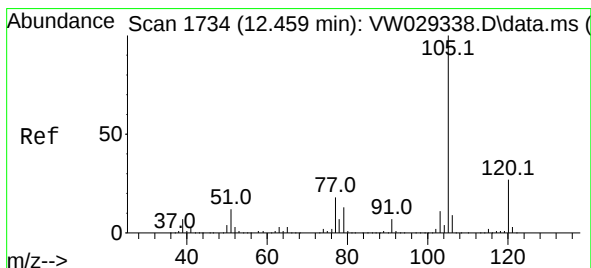
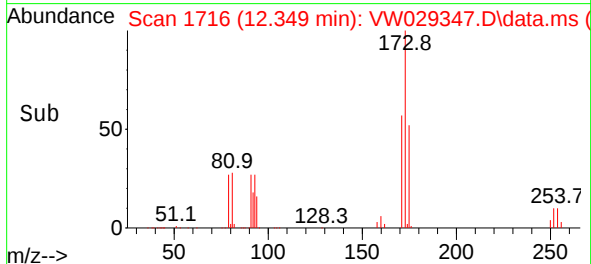
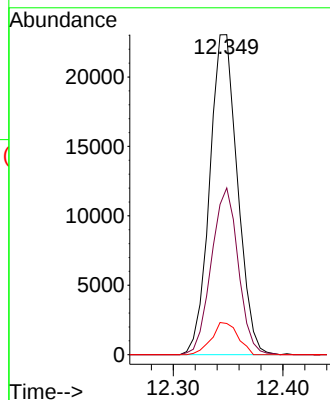
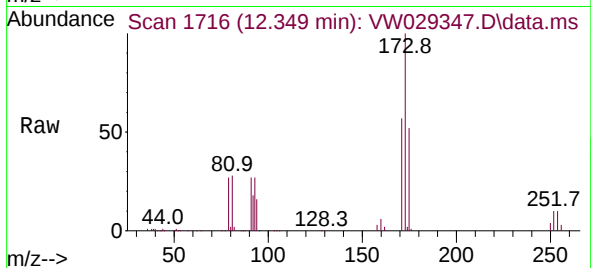
Tgt Ion:173 Resp: 40597

Ion Ratio Lower Upper

173 100

175 50.3 37.8 56.8

254 9.5 7.8 11.6



#60

Isopropylbenzene

Concen: 27.372 ug/L

RT: 12.458 min Scan# 1734

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

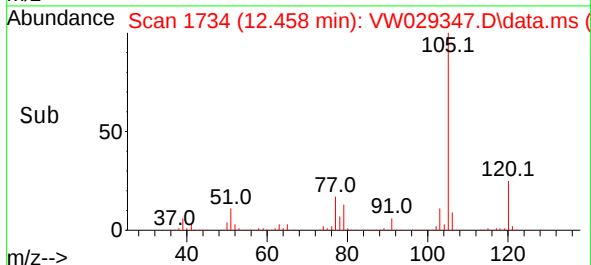
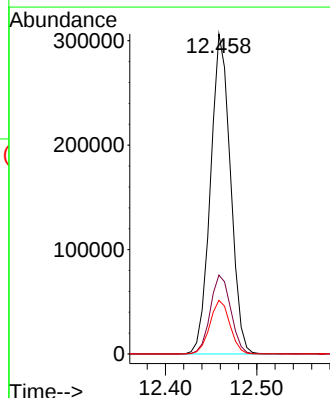
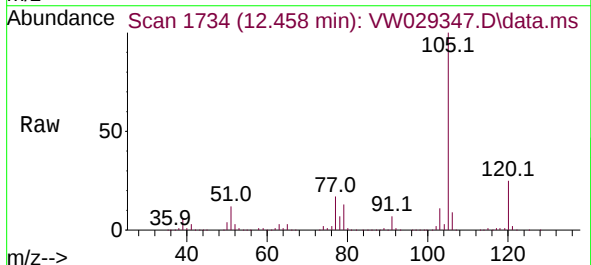
Tgt Ion:105 Resp: 463325

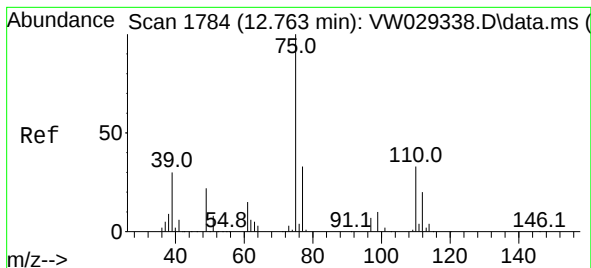
Ion Ratio Lower Upper

105 100

120 25.4 20.5 30.7

77 16.9 13.6 20.4

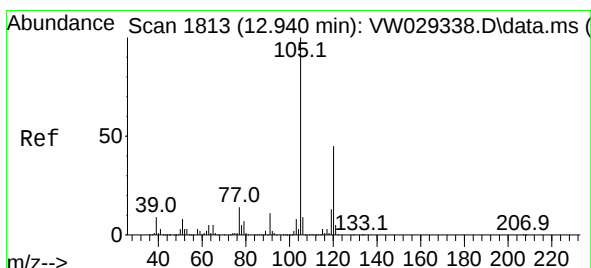
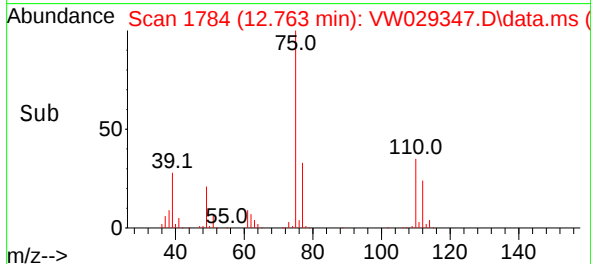
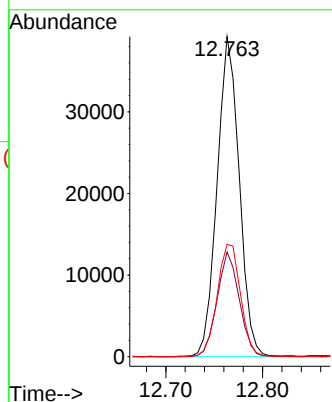
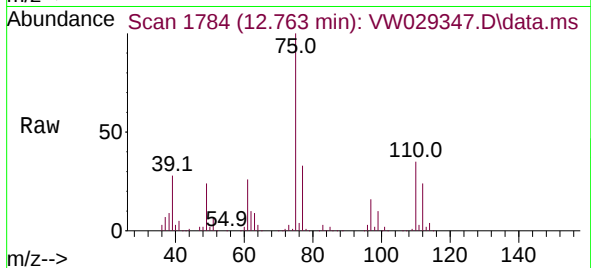




#61
1,2,3-Trichloropropane
Concen: 22.477 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

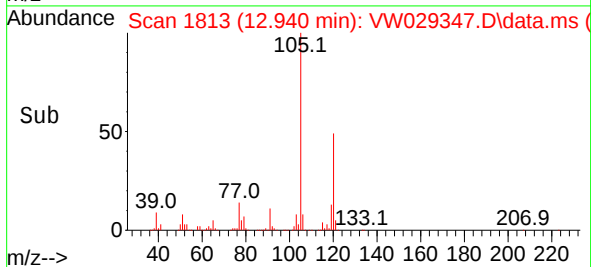
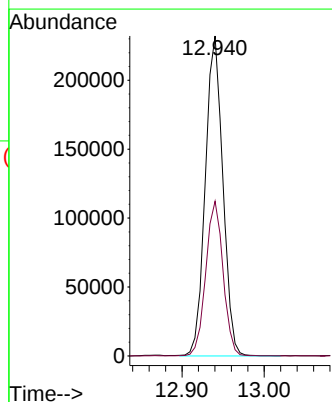
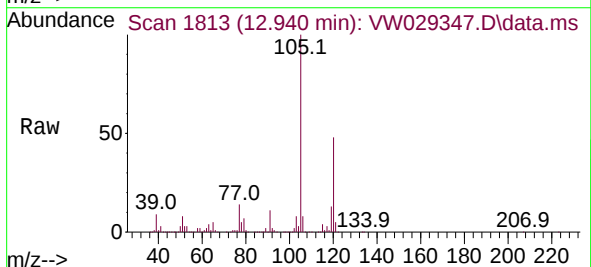
Instrument :
MSVOA_W
ClientSampleId :

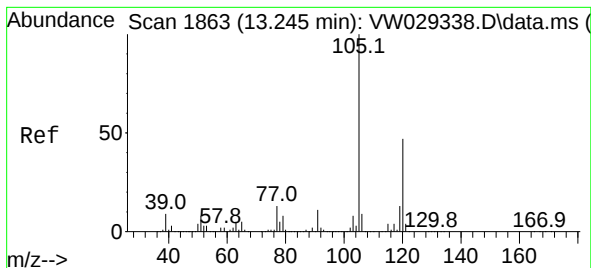
Tgt Ion: 75 Resp: 62279
Ion Ratio Lower Upper
75 100
77 32.7 26.6 39.8
110 37.0 29.5 44.3



#62
1,3,5-Trimethylbenzene
Concen: 28.083 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion:105 Resp: 344260
Ion Ratio Lower Upper
105 100
120 47.7 36.4 54.6





#63

1,2,4-Trimethylbenzene

Concen: 27.670 ug/L

RT: 13.245 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

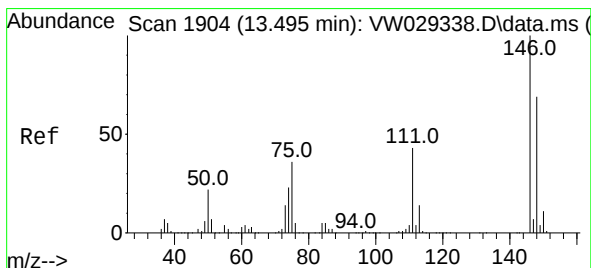
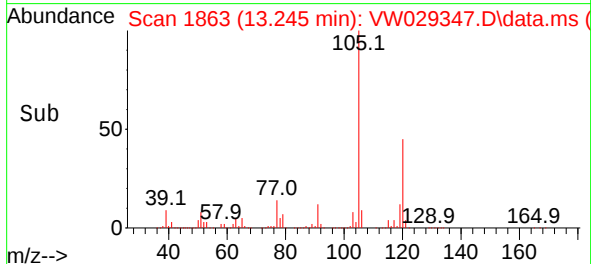
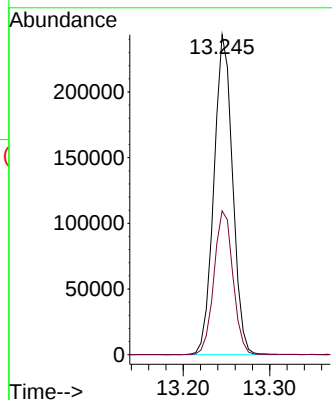
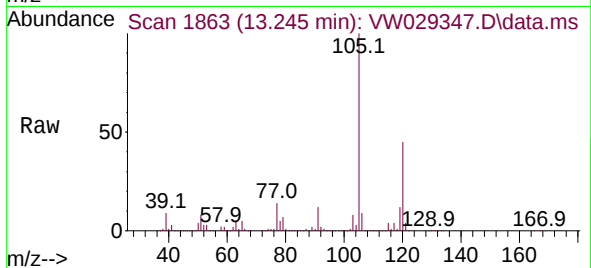
ClientSampleId :

Tgt Ion:105 Resp: 364959

Ion Ratio Lower Upper

105 100

120 45.7 34.9 52.3



#64

1,3-Dichlorobenzene

Concen: 26.529 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

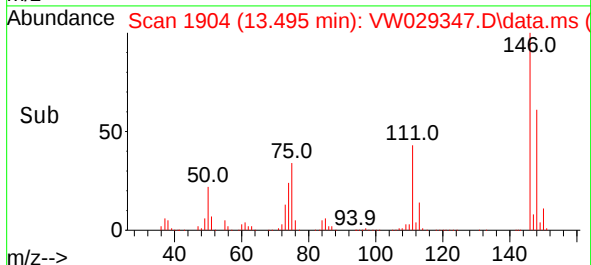
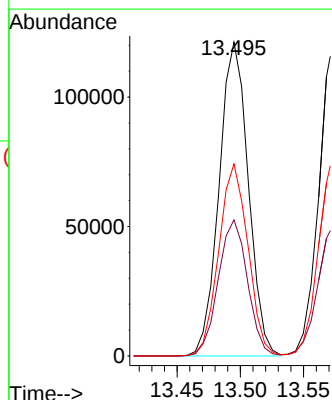
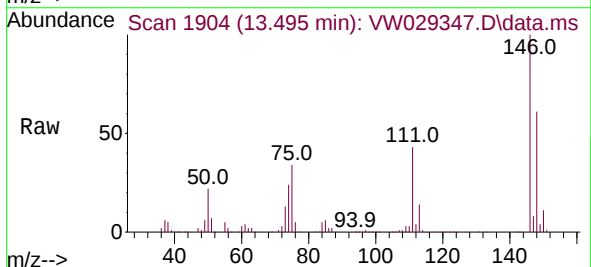
Tgt Ion:146 Resp: 194328

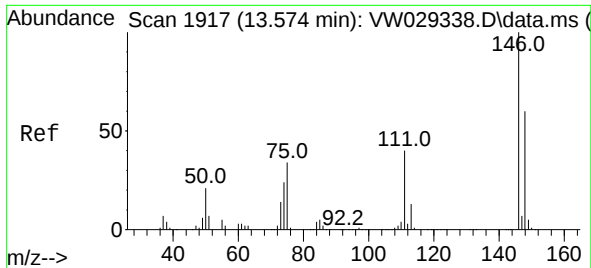
Ion Ratio Lower Upper

146 100

111 43.4 33.0 61.2

148 61.2 47.5 88.1





#65

1,4-Dichlorobenzene

Concen: 25.339 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

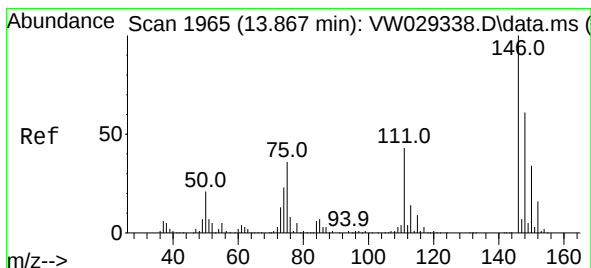
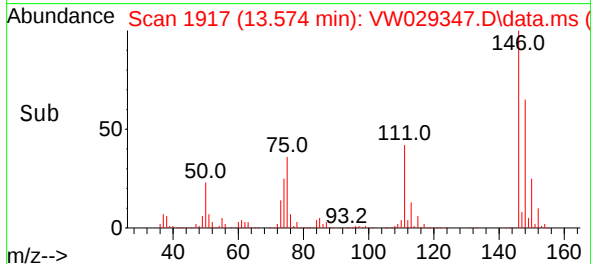
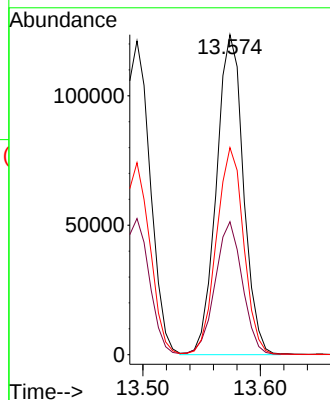
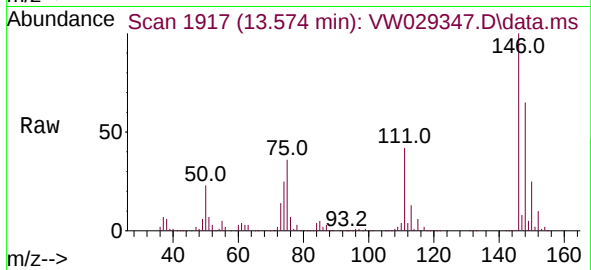
Tgt Ion:146 Resp: 197487

Ion Ratio Lower Upper

146 100

111 41.6 28.9 53.7

148 64.7 42.0 78.0



#67

1,2-Dichlorobenzene

Concen: 25.385 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

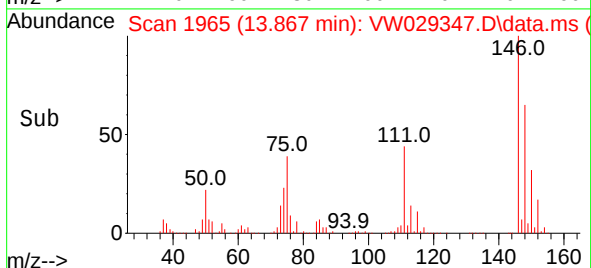
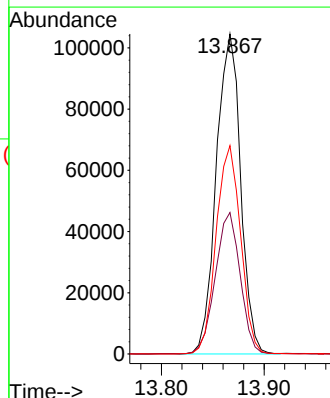
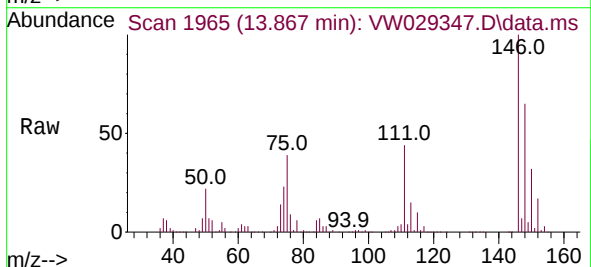
Tgt Ion:146 Resp: 171906

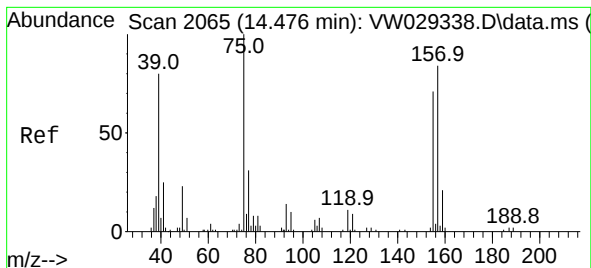
Ion Ratio Lower Upper

146 100

111 44.2 34.2 51.4

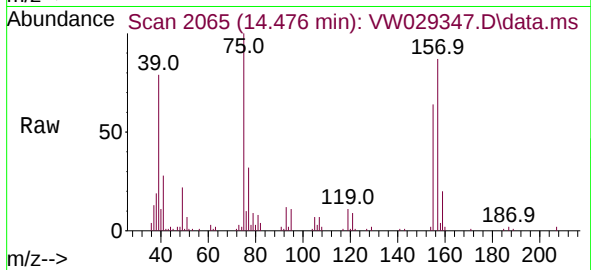
148 65.1 46.3 69.5



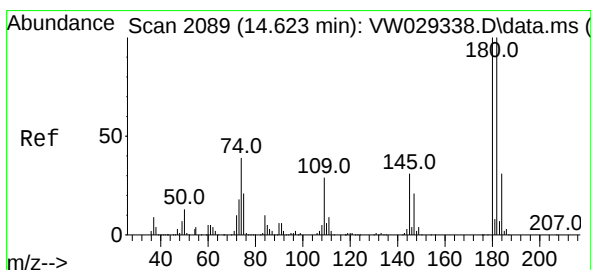
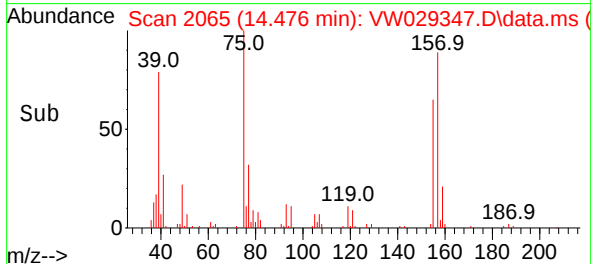
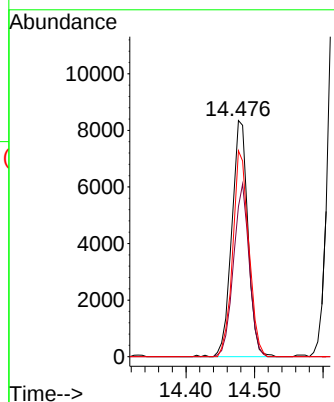


#68
1,2-Dibromo-3-chloropropane
Concen: 21.203 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Instrument :
MSVOA_W
ClientSampleId :

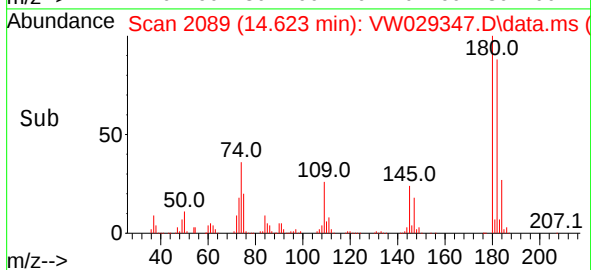
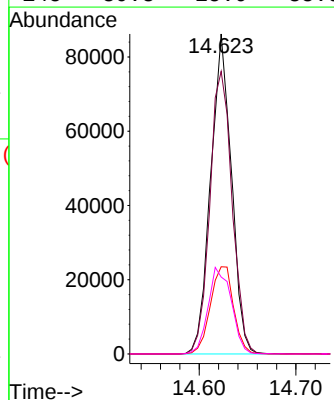
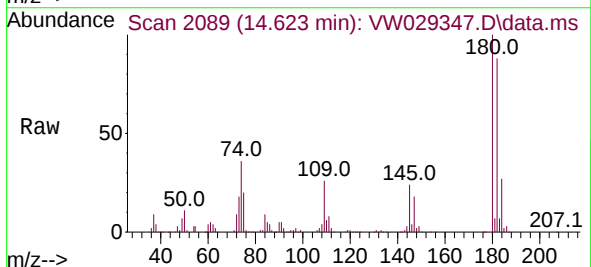


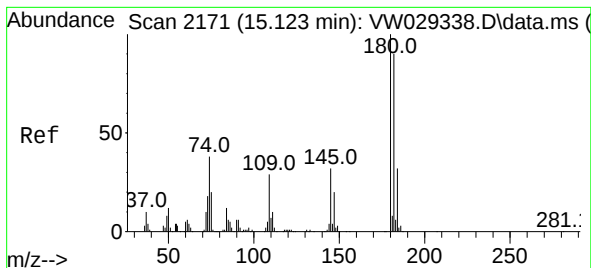
Tgt Ion: 75 Resp: 13710
Ion Ratio Lower Upper
75 100
155 63.6 51.0 76.6
157 87.2 58.8 88.2



#69
1,3,5-Trichlorobenzene
Concen: 26.015 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. -0.000 min
Lab File: VW029347.D
Acq: 25 Jun 2024 15:51

Tgt Ion:180 Resp: 128609
Ion Ratio Lower Upper
180 100
182 94.9 72.9 109.3
184 30.5 23.8 35.6
145 30.3 25.9 38.9





#70

1,2,4-trichlorobenzene

Concen: 26.309 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

Instrument :

MSVOA_W

ClientSampleId :

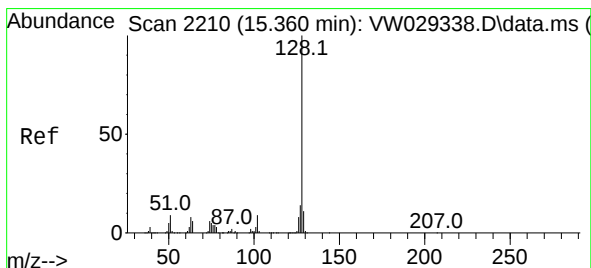
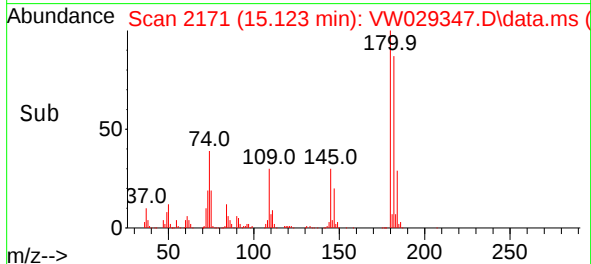
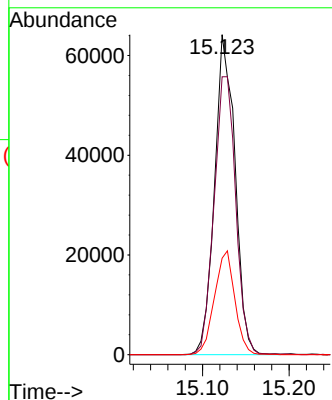
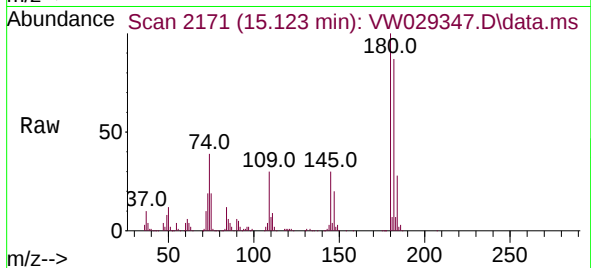
Tgt Ion:180 Resp: 105434

Ion Ratio Lower Upper

180 100

182 91.9 77.7 116.5

145 32.3 25.7 38.5



#71

Naphthalene

Concen: 24.665 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. -0.000 min

Lab File: VW029347.D

Acq: 25 Jun 2024 15:51

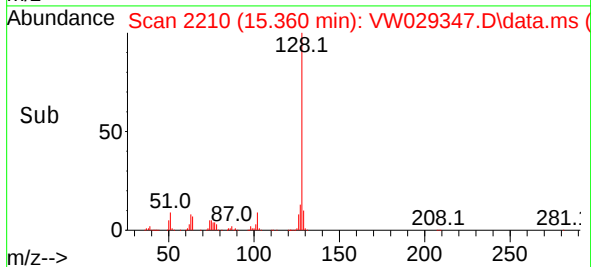
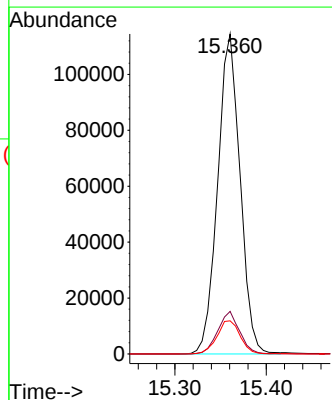
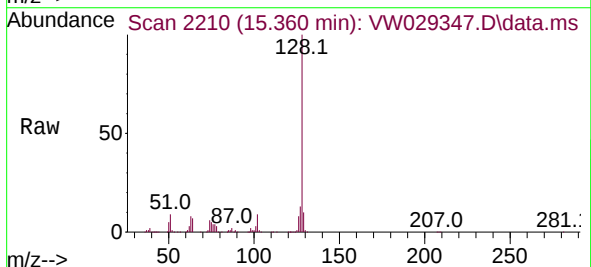
Tgt Ion:128 Resp: 195091

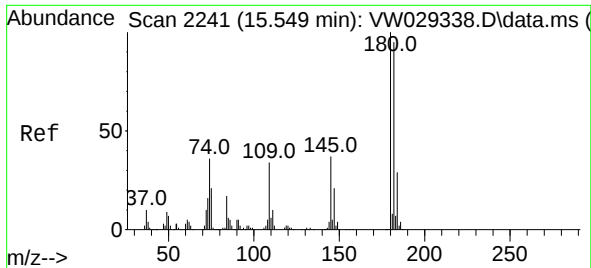
Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

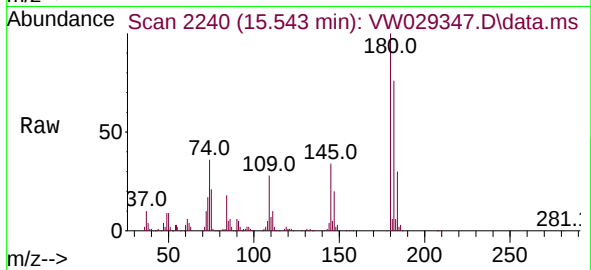
129 10.8 8.9 13.3





#72
 1,2,3-Trichlorobenzene
 Concen: 25.530 ug/L
 RT: 15.543 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW029347.D
 Acq: 25 Jun 2024 15:51

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:	180	Resp:	93221
Ion	Ratio	Lower	Upper
180	100		
182	92.6	73.0	109.6
145	34.2	28.1	42.1

