

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071524\
 Data File : VW029568.D
 Acq On : 15 Jul 2024 10:13
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 15 23:56:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 12 23:17:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	298893	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	276347	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	132031	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	87890	18.203	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.800%
7) Chloroethane-d5	2.893	69	69162	19.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.560%
11) 1,1-Dichloroethene-d2	4.027	65	44902	20.709	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.840%
21) 2-Butanone-d5	7.075	46	57956	39.986	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.980%
24) Chloroform-d	7.648	84	194154	22.469	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.307	65	112221	22.142	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.560%
32) Benzene-d6	8.270	84	374193	22.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.270	67	122422	23.128	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.520%
41) Toluene-d8	10.319	98	330644	22.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.840%
43) trans-1,3-Dichloroprop...	10.575	79	47029	20.982	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	83.920%
47) 2-Hexanone-d5	10.922	63	41414	43.058	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.120%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	90588	21.079	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	103658	22.544	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.160%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.009	85	52674	17.997	ug/L	94
3) Chloromethane	2.223	50	82419	21.047	ug/L	96
5) Vinyl chloride	2.375	62	98834	22.116	ug/L	95
6) Bromomethane	2.783	94	57861	21.867	ug/L	96
8) Chloroethane	2.930	64	63191	22.980	ug/L	96
9) Trichlorofluoromethane	3.259	101	90544	22.508	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	90094	22.758	ug/L	94
12) 1,1-Dichloroethene	4.039	96	87147	23.445	ug/L	92
13) Acetone	4.119	43	59004	40.333	ug/L	99
14) Carbon disulfide	4.387	76	265889	22.027	ug/L	99
15) Methyl Acetate	4.667	43	53038	20.649	ug/L	98
16) Methylene chloride	4.917	84	101615	18.989	ug/L	96
17) trans-1,2-Dichloroethene	5.423	96	100643	24.459	ug/L	94
18) Methyl tert-butyl Ether	5.423	73	169856	24.261	ug/L	99
19) 1,1-Dichloroethane	6.216	63	210846	24.951	ug/L	99
20) cis-1,2-Dichloroethene	7.167	96	113499	25.225	ug/L	96
22) 2-Butanone	7.167	43	79468	41.378	ug/L	99
23) Bromochloromethane	7.514	128	46962	23.204	ug/L	94
25) Chloroform	7.673	83	208073	25.448	ug/L	98

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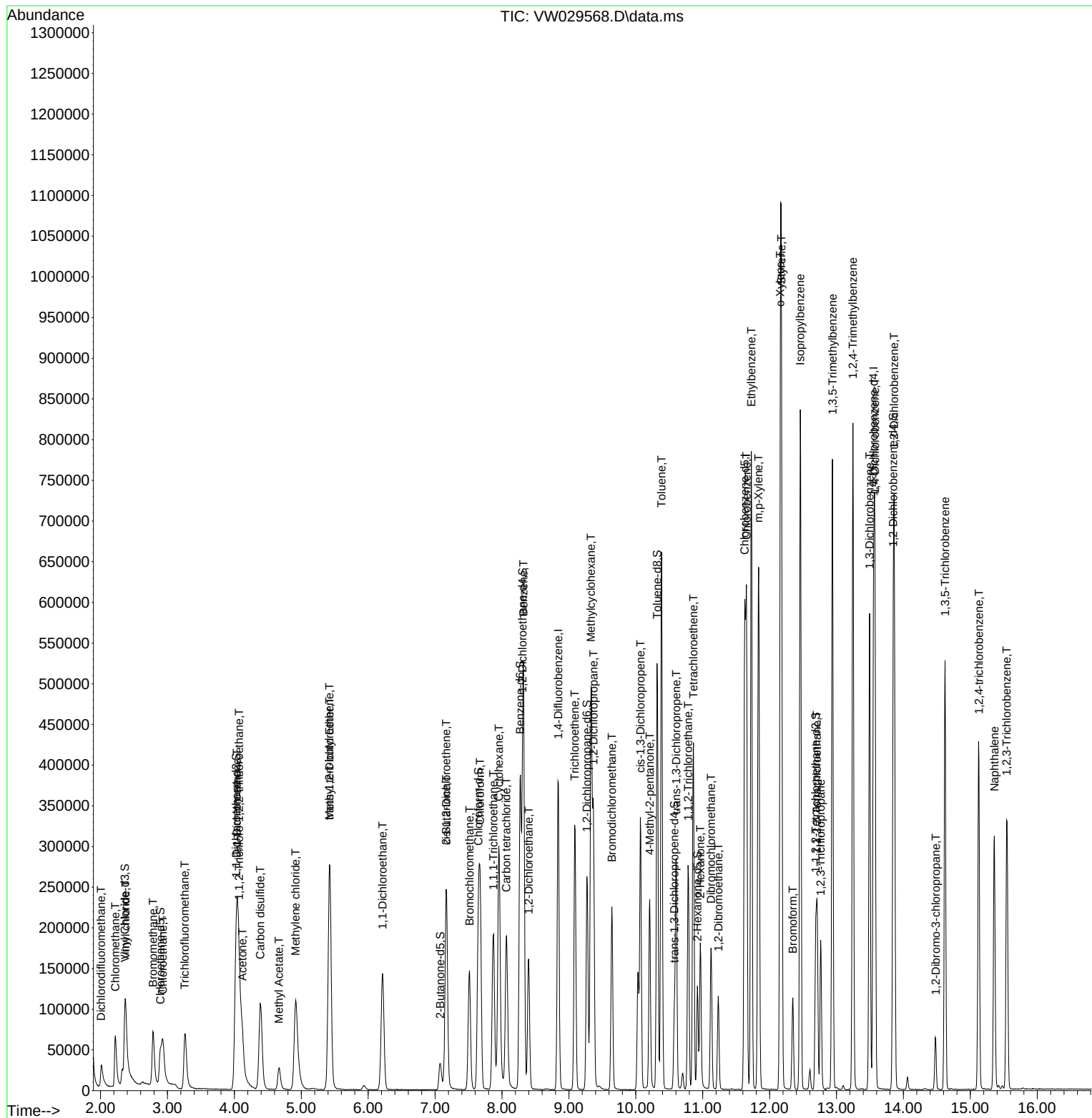
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	147555	24.061	ug/L	99
29) Cyclohexane	7.953	56	176878	25.704	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	155321	24.613	ug/L	98
31) Carbon tetrachloride	8.063	117	142793	24.708	ug/L	100
33) Benzene	8.319	78	433880	25.094	ug/L	100
34) Trichloroethene	9.087	95	113195	24.791	ug/L	95
35) Methylcyclohexane	9.331	83	191443	26.086	ug/L	98
37) 1,2-Dichloropropane	9.368	63	122166	25.551	ug/L	100
38) Bromodichloromethane	9.642	83	146843	25.144	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	183985	25.620	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	161631	47.967	ug/L	100
42) Toluene	10.386	91	456999	25.836	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	150457	24.445	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	82607	24.024	ug/L	98
46) Tetrachloroethene	10.861	164	88625	27.321	ug/L	93
48) 2-Hexanone	10.965	43	119235	47.100	ug/L	99
49) Dibromochloromethane	11.123	129	88686	24.783	ug/L	99
50) 1,2-Dibromoethane	11.233	107	74200	22.644	ug/L	99
51) Chlorobenzene	11.654	112	275846	24.124	ug/L	97
52) Ethylbenzene	11.727	91	535074	26.700	ug/L	97
53) m,p-Xylene	11.837	106	194726	26.469	ug/L	99
54) o-Xylene	12.160	106	185937	27.326	ug/L	98
55) Styrene	12.178	104	320657	26.800	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	100097	23.077	ug/L #	98
59) Bromoform	12.349	173	48743	23.916	ug/L	96
60) Isopropylbenzene	12.458	105	517645	27.865	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	74860	23.428	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	395072	29.897	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	418553	28.699	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	213506	25.640	ug/L	99
65) 1,4-Dichlorobenzene	13.574	146	211437	24.785	ug/L	90
67) 1,2-Dichlorobenzene	13.861	146	184676	24.535	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.483	75	16736	21.909	ug/L	91
69) 1,3,5-Trichlorobenzene	14.623	180	147156	27.090	ug/L	96
70) 1,2,4-trichlorobenzene	15.129	180	125389	26.233	ug/L	97
71) Naphthalene	15.360	128	249181	24.838	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	108048	24.880	ug/L	96

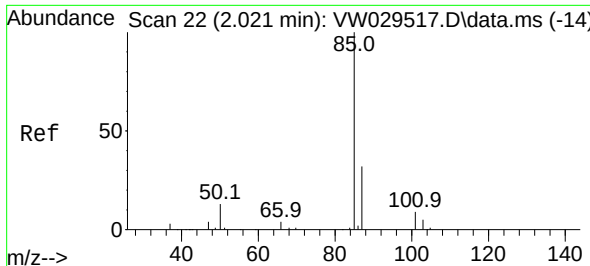
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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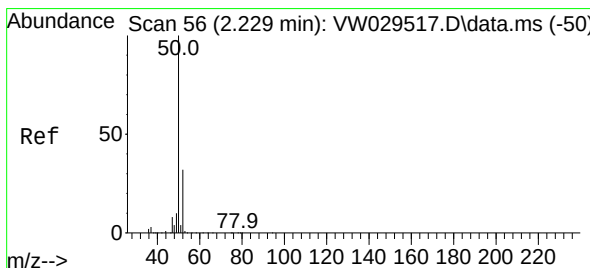
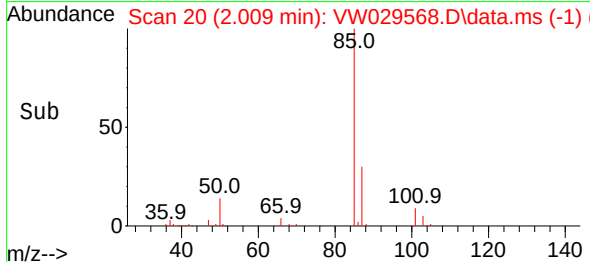
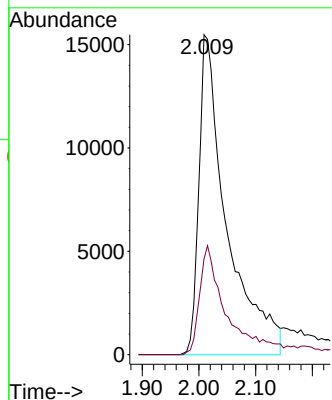
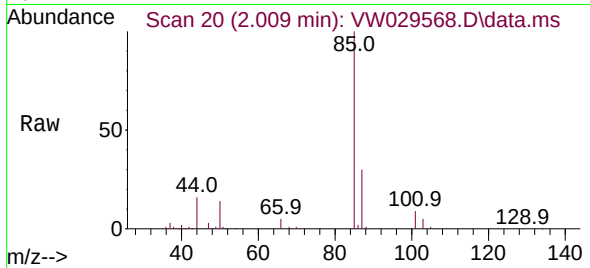




#2
Dichlorodifluoromethane
Concen: 17.997 ug/L
RT: 2.009 min Scan# 20
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

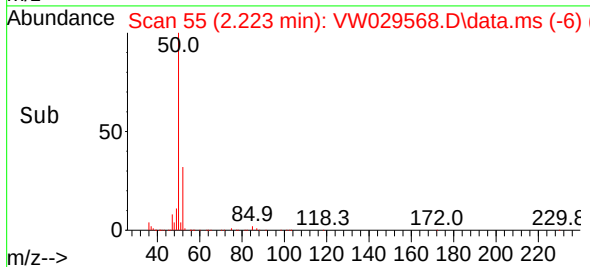
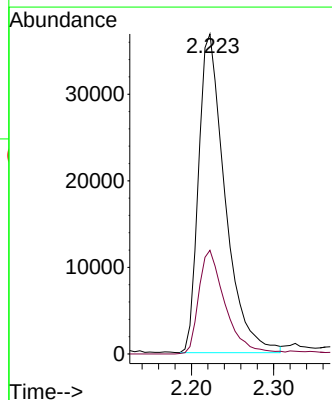
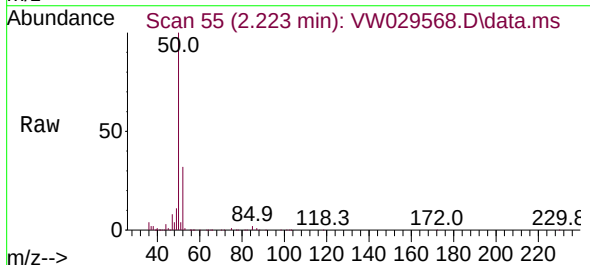
Instrument :
MSVOA_W
ClientSampleId :

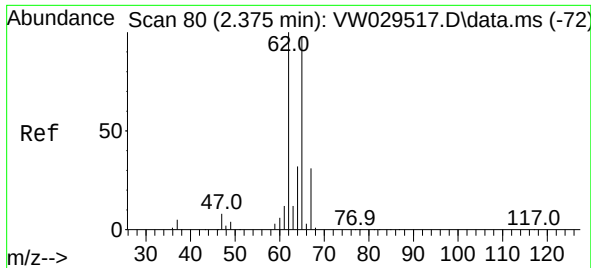
Tgt Ion: 85 Resp: 52674
Ion Ratio Lower Upper
85 100
87 29.0 26.1 39.1



#3
Chloromethane
Concen: 21.047 ug/L
RT: 2.223 min Scan# 55
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

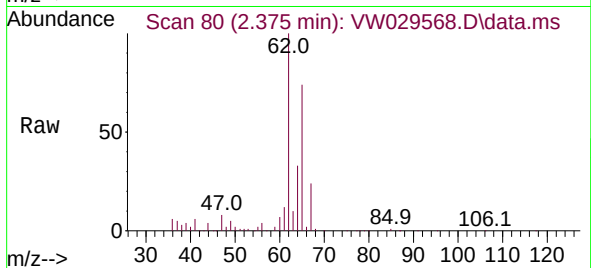
Tgt Ion: 50 Resp: 82419
Ion Ratio Lower Upper
50 100
52 32.4 24.4 45.2



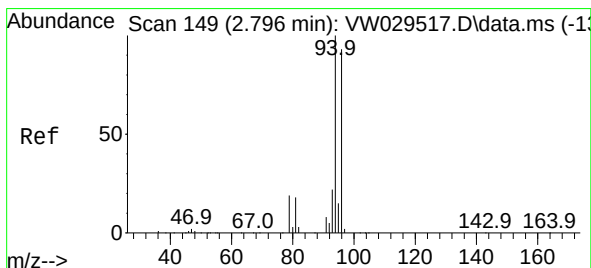
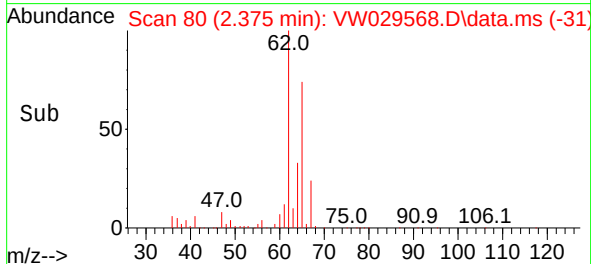
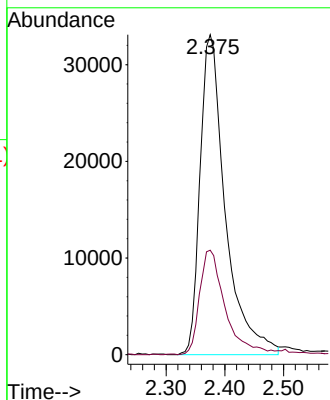


#5
 Vinyl chloride
 Concen: 22.116 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029568.D
 Acq: 15 Jul 2024 10:13

Instrument :
 MSVOA_W
 ClientSampleId :

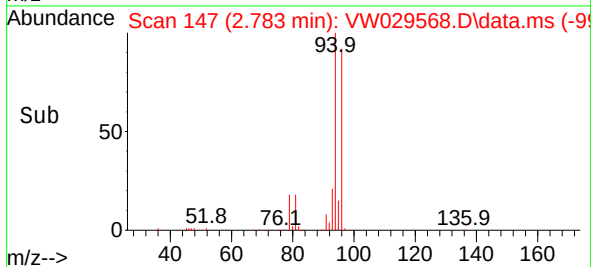
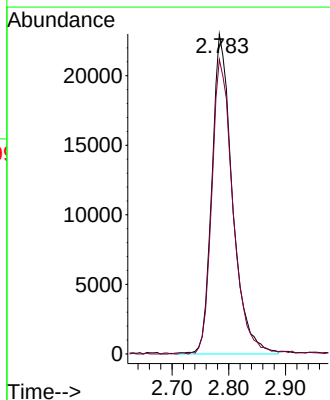
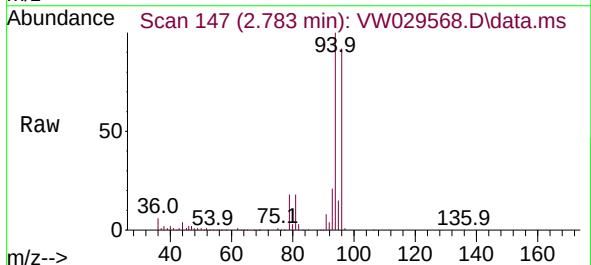


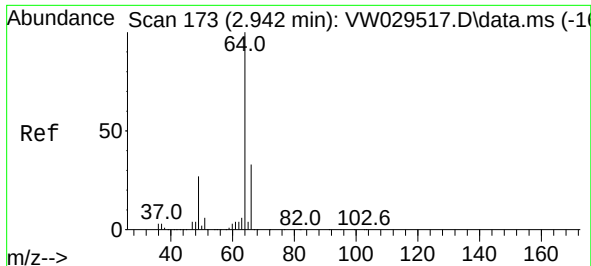
Tgt Ion: 62 Resp: 98834
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.1 46.5



#6
 Bromomethane
 Concen: 21.867 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW029568.D
 Acq: 15 Jul 2024 10:13

Tgt Ion: 94 Resp: 57861
 Ion Ratio Lower Upper
 94 100
 96 92.0 61.7 114.7





#8

Chloroethane

Concen: 22.980 ug/L

RT: 2.930 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

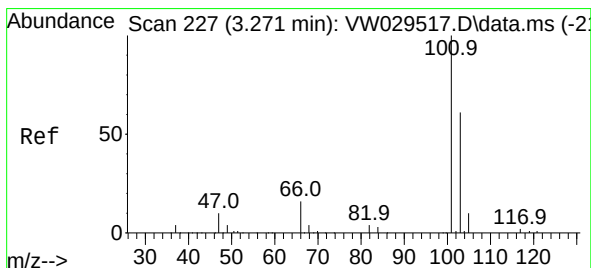
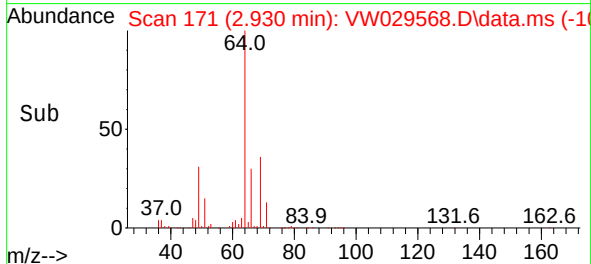
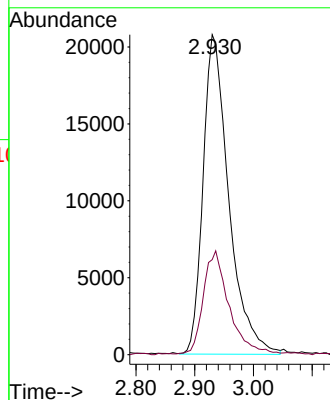
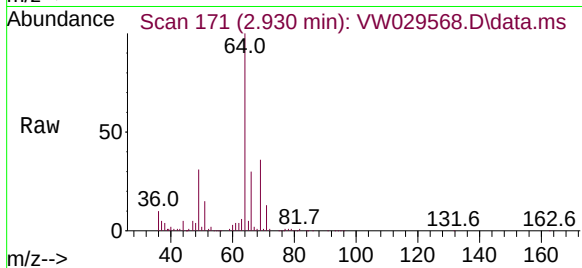
ClientSampleId :

Tgt Ion: 64 Resp: 63191

Ion Ratio Lower Upper

64 100

66 29.7 22.3 41.3



#9

Trichlorofluoromethane

Concen: 22.508 ug/L

RT: 3.259 min Scan# 225

Delta R.T. -0.012 min

Lab File: VW029568.D

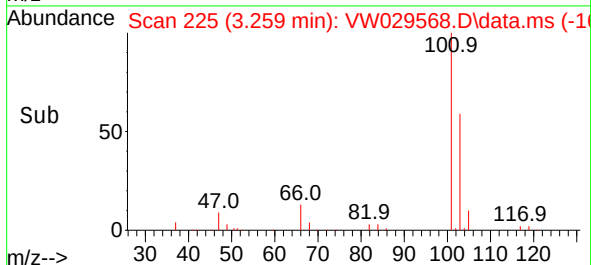
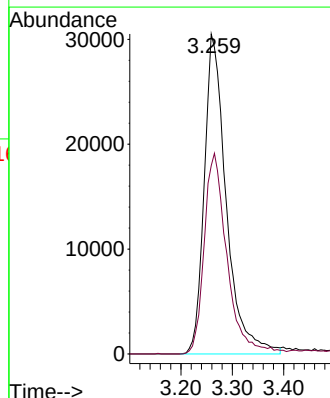
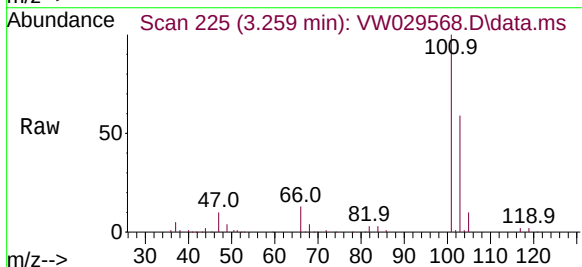
Acq: 15 Jul 2024 10:13

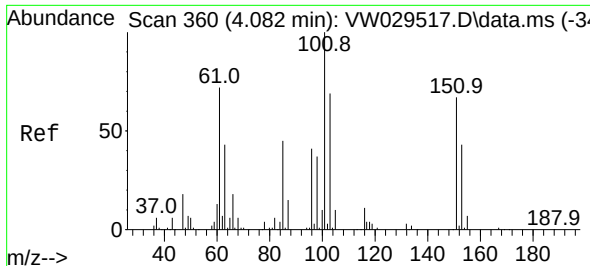
Tgt Ion:101 Resp: 90544

Ion Ratio Lower Upper

101 100

103 64.2 49.6 74.4





#10

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

Concen: 22.758 ug/L

RT: 4.070 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

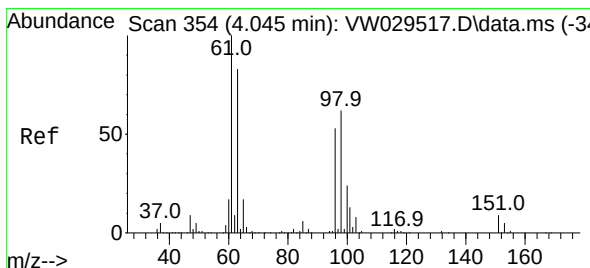
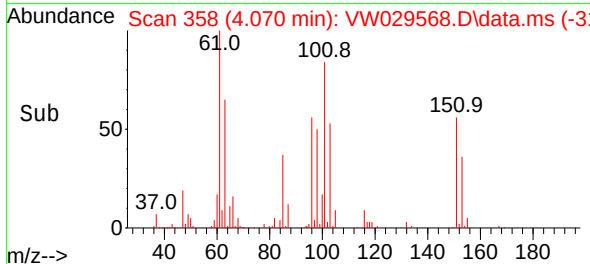
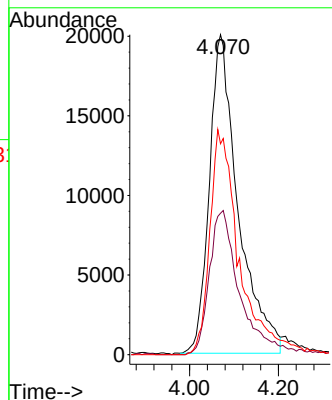
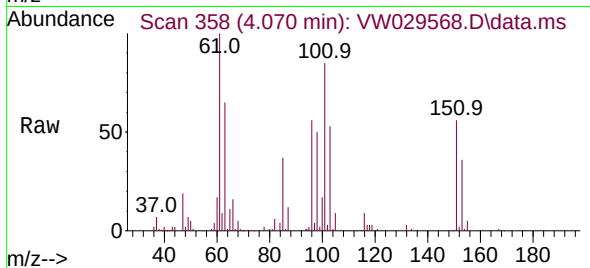
Tgt Ion:101 Resp: 90094

Ion Ratio Lower Upper

101 100

85 46.5 33.8 50.8

151 64.1 55.4 83.0



#12

1,1-Dichloroethene

Concen: 23.445 ug/L

RT: 4.039 min Scan# 353

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

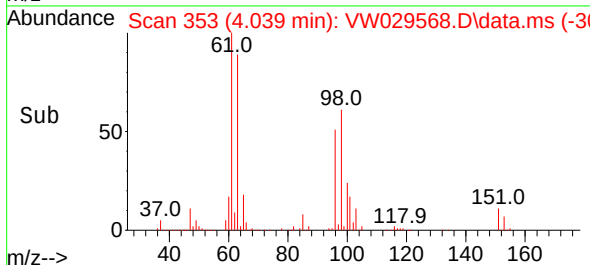
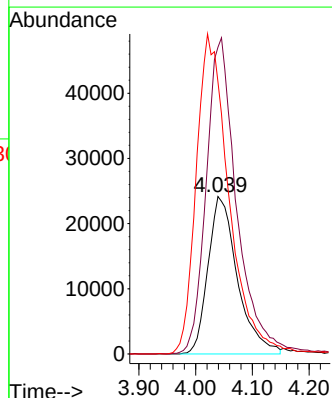
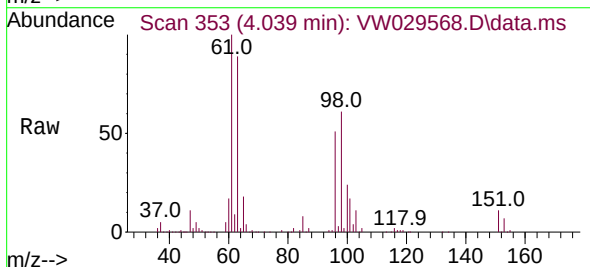
Tgt Ion: 96 Resp: 87147

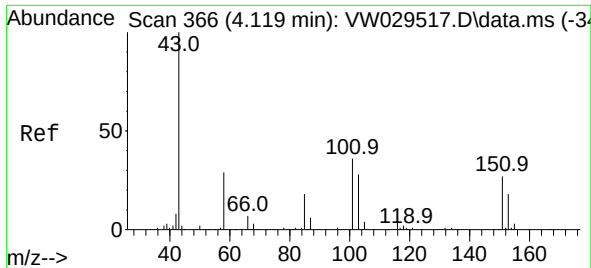
Ion Ratio Lower Upper

96 100

61 194.9 132.4 245.8

63 172.8 108.4 201.2

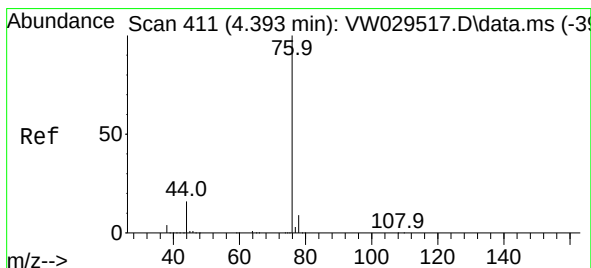
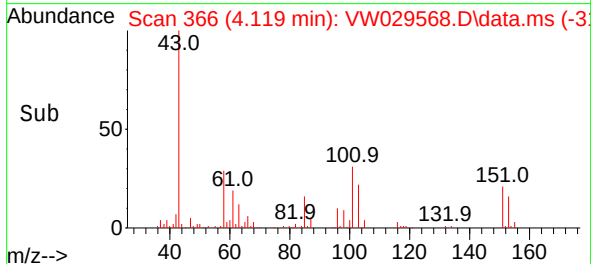
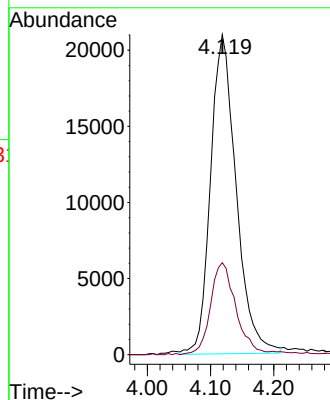
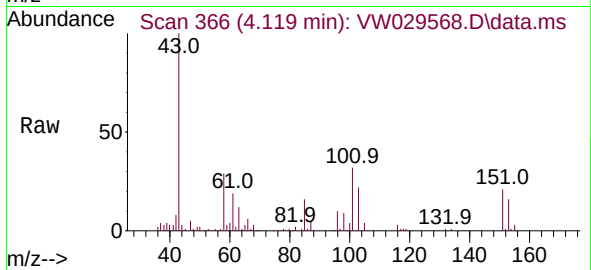




#13
Acetone
Concen: 40.333 ug/L
RT: 4.119 min Scan# 366
Delta R.T. -0.012 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

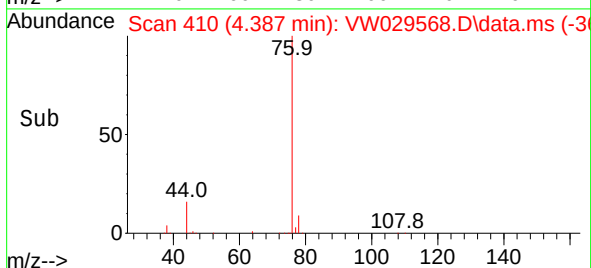
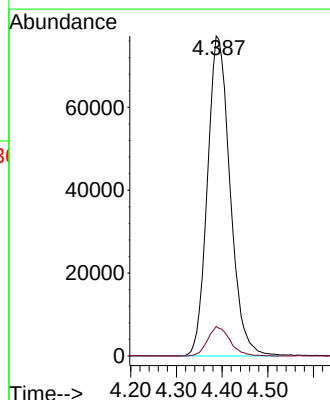
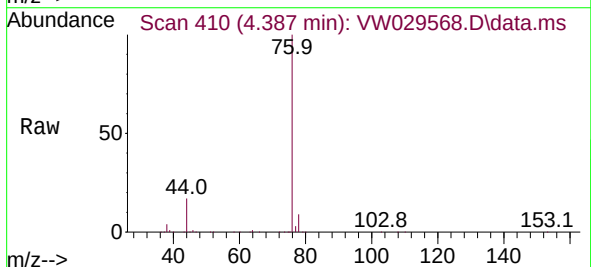
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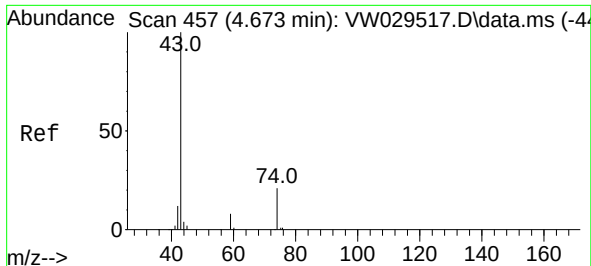
Tgt Ion: 43 Resp: 59004
Ion Ratio Lower Upper
43 100
58 28.5 0.0 55.6



#14
Carbon disulfide
Concen: 22.027 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 265889
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

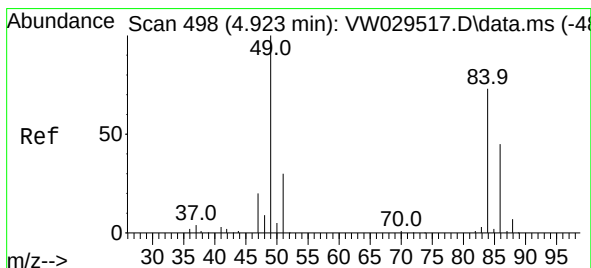
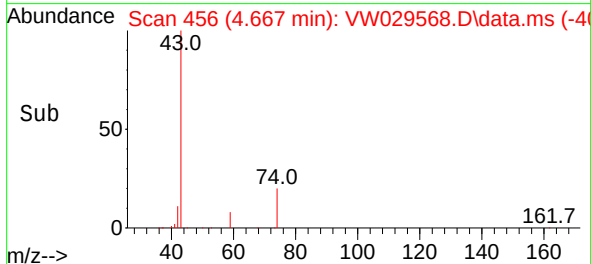
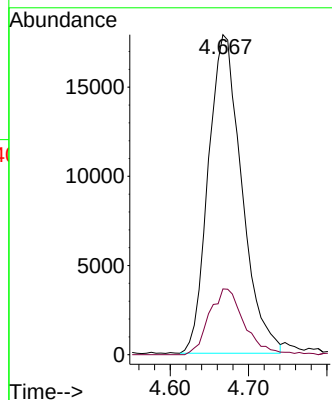
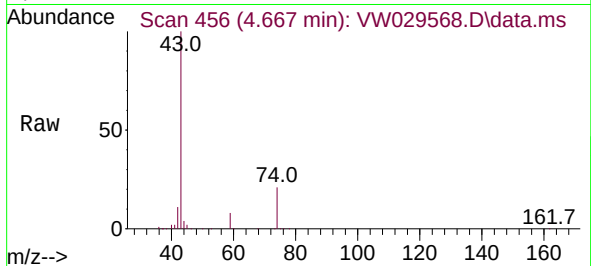




#15
Methyl Acetate
Concen: 20.649 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

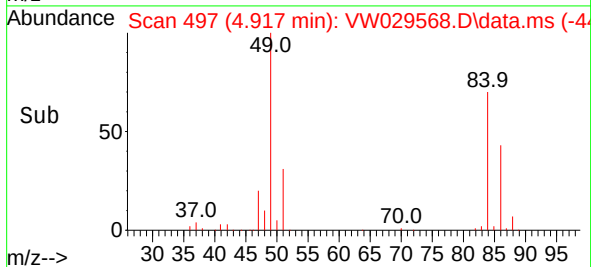
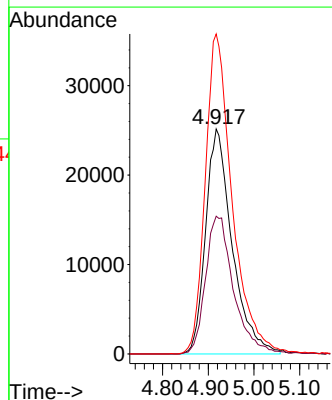
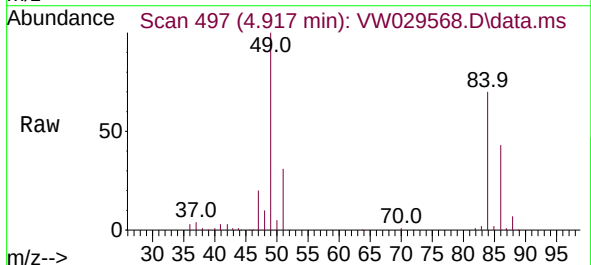
Instrument :
MSVOA_W
ClientSampleId :

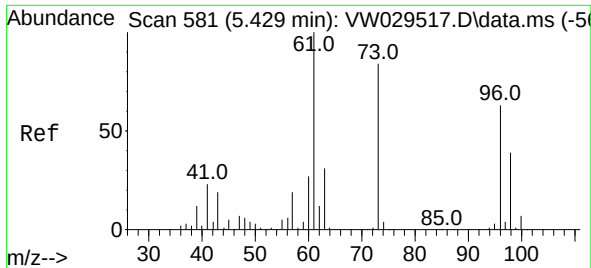
Tgt Ion: 43 Resp: 53038
Ion Ratio Lower Upper
43 100
74 21.4 16.2 24.4



#16
Methylene chloride
Concen: 18.989 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Tgt Ion: 84 Resp: 101615
Ion Ratio Lower Upper
84 100
86 61.3 46.2 85.8
49 142.2 96.7 179.7

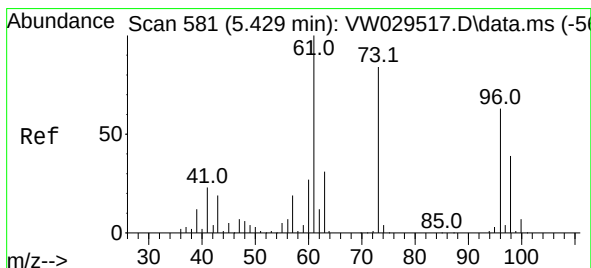
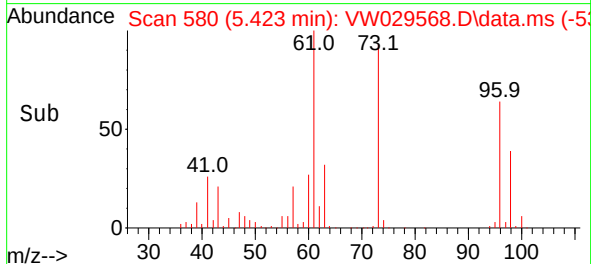
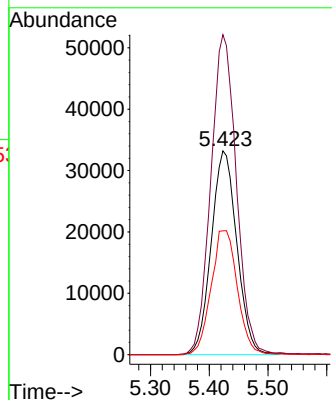
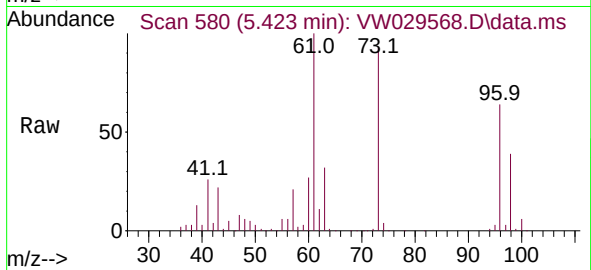




#17
trans-1,2-Dichloroethene
Concen: 24.459 ug/L
RT: 5.423 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

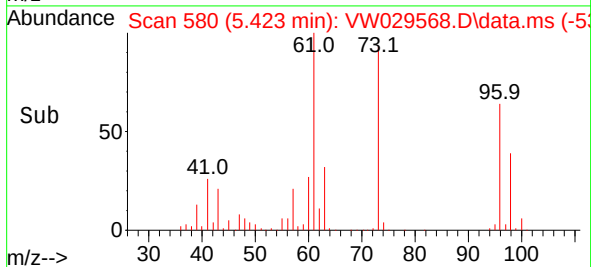
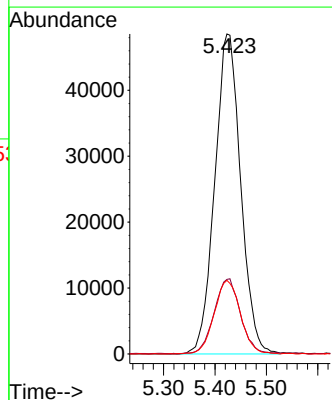
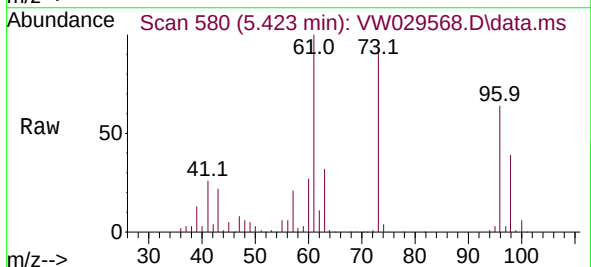
Instrument :
MSVOA_W
ClientSampleId :

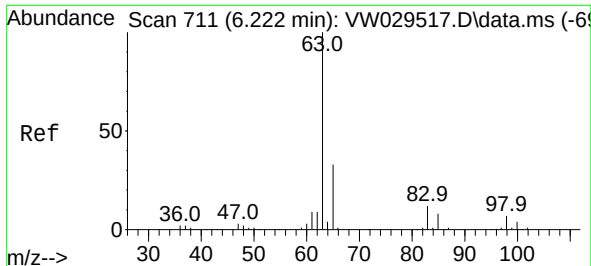
Tgt Ion: 96 Resp: 100643
Ion Ratio Lower Upper
96 100
61 157.0 102.9 191.1
98 60.8 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 24.261 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Tgt Ion: 73 Resp: 169856
Ion Ratio Lower Upper
73 100
43 23.9 18.7 28.1
57 23.2 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.951 ug/L

RT: 6.216 min Scan# 711

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

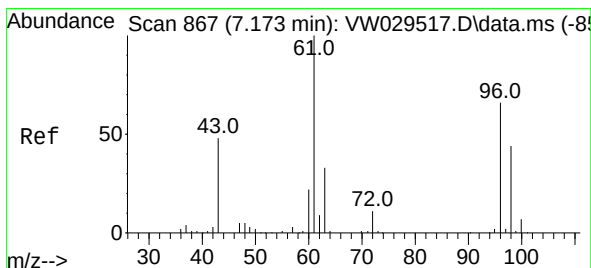
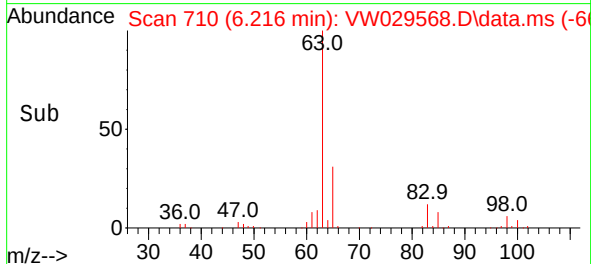
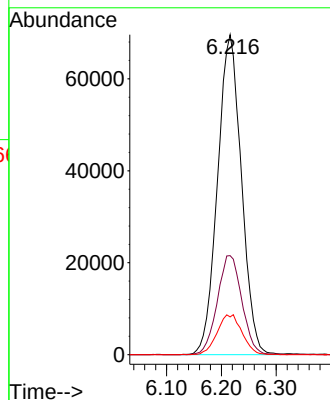
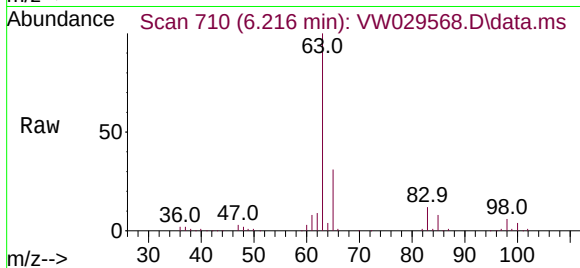
Tgt Ion: 63 Resp: 210846

Ion Ratio Lower Upper

63 100

65 30.9 21.5 39.9

83 11.8 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.225 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

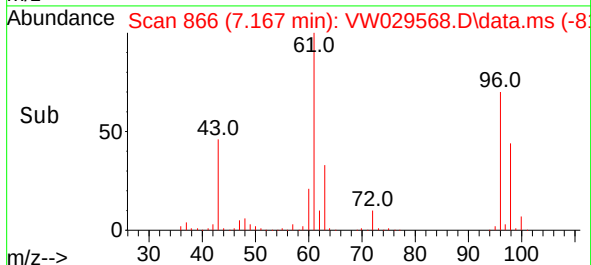
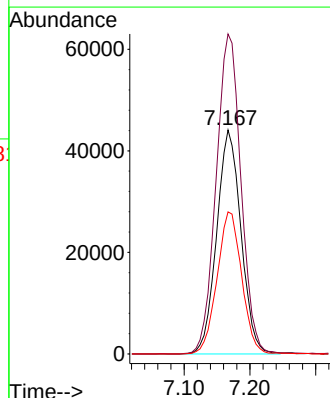
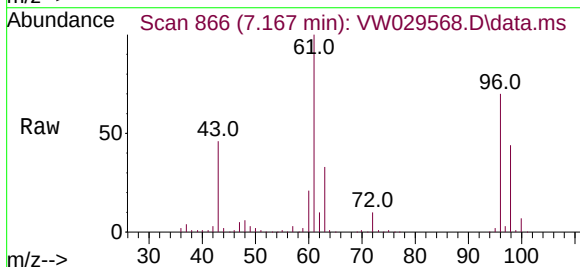
Tgt Ion: 96 Resp: 113499

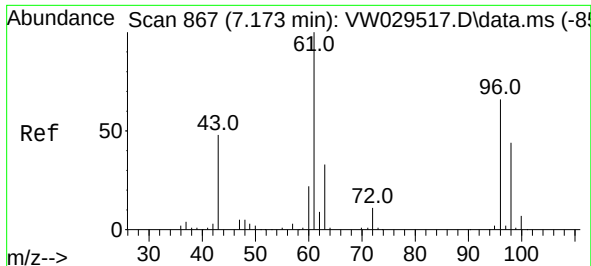
Ion Ratio Lower Upper

96 100

61 142.8 97.4 180.8

98 63.4 41.6 77.2





#22

2-Butanone

Concen: 41.378 ug/L

RT: 7.167 min Scan# 80

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

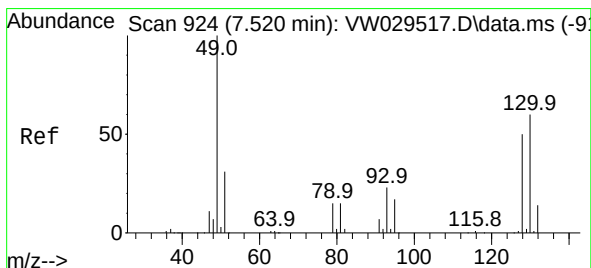
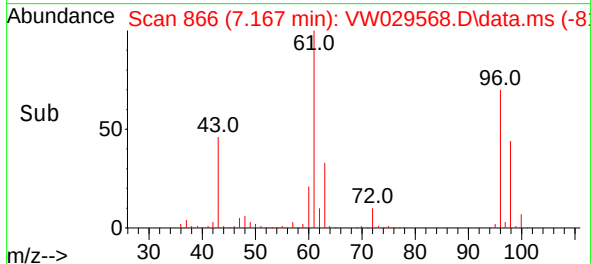
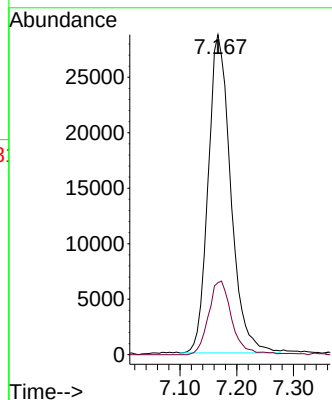
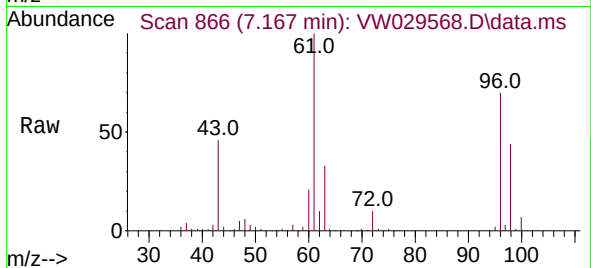
ClientSampleId :

Tgt Ion: 43 Resp: 79468

Ion Ratio Lower Upper

43 100

72 23.4 12.0 36.1



#23

Bromochloromethane

Concen: 23.204 ug/L

RT: 7.514 min Scan# 923

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Tgt Ion: 128 Resp: 46962

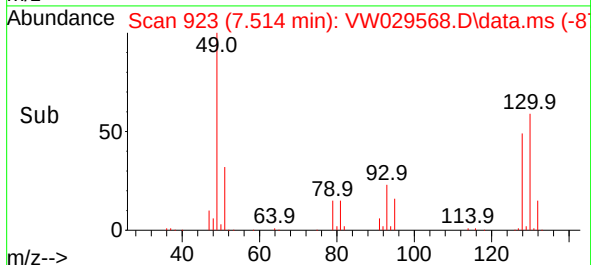
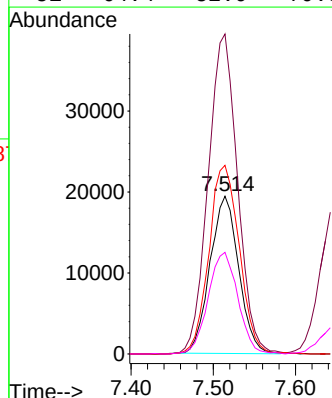
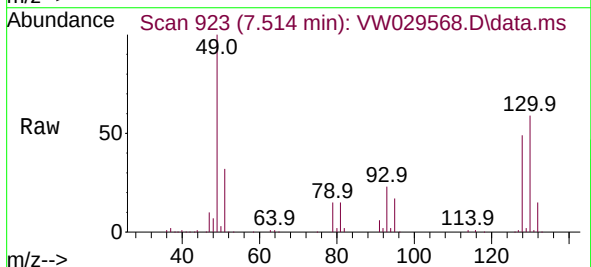
Ion Ratio Lower Upper

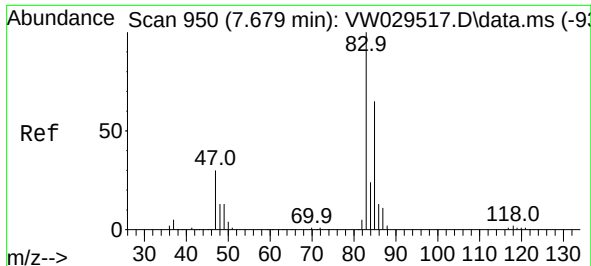
128 100

49 202.8 146.2 271.4

130 119.5 91.9 170.7

51 64.4 52.9 79.3





#25

Chloroform

Concen: 25.448 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

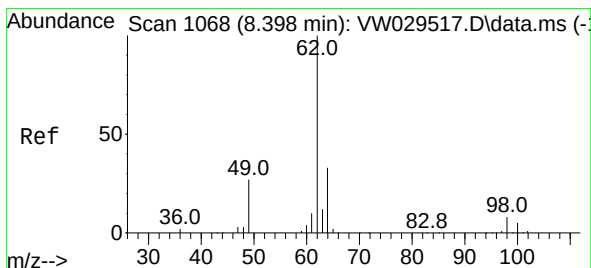
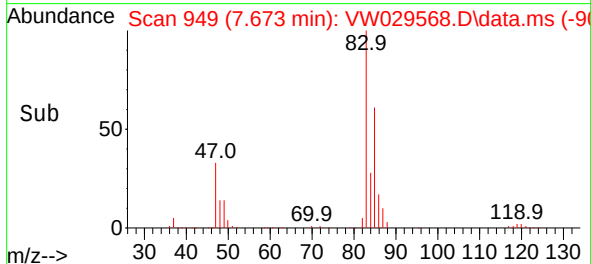
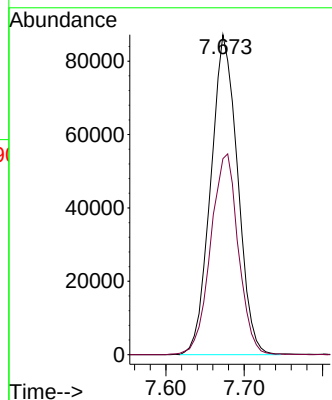
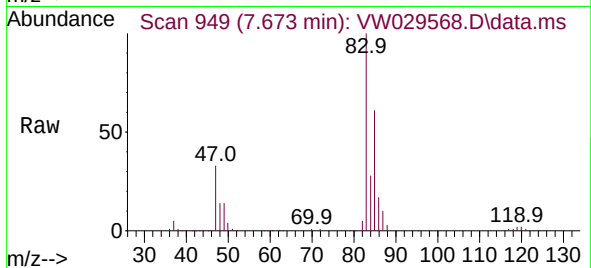
ClientSampleId :

Tgt Ion: 83 Resp: 208073

Ion Ratio Lower Upper

83 100

85 61.3 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.061 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029568.D

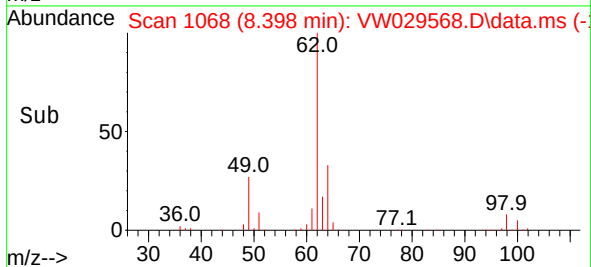
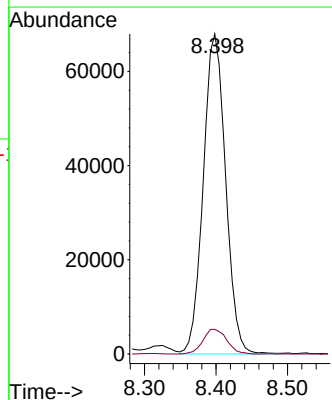
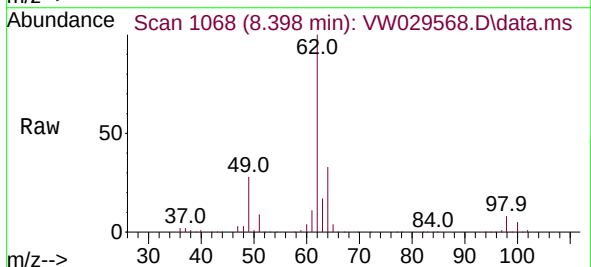
Acq: 15 Jul 2024 10:13

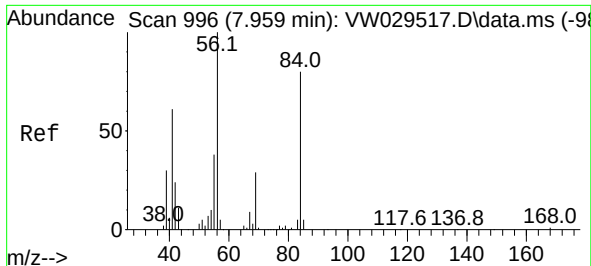
Tgt Ion: 62 Resp: 147555

Ion Ratio Lower Upper

62 100

98 7.7 6.0 9.0





#29

Cyclohexane

Concen: 25.704 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

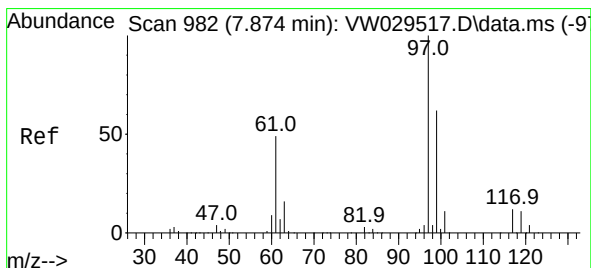
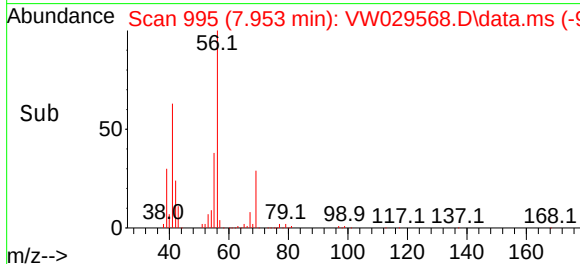
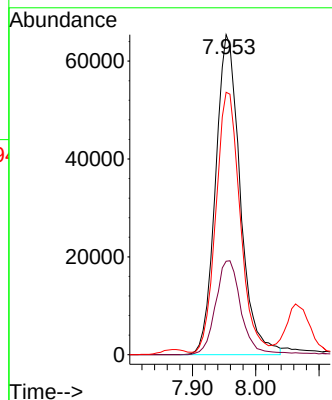
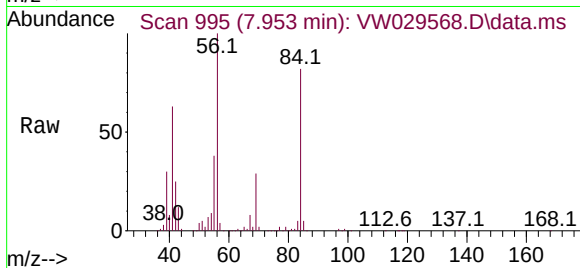
Tgt Ion: 56 Resp: 176878

Ion Ratio Lower Upper

56 100

69 30.4 23.3 34.9

84 80.8 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 24.613 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

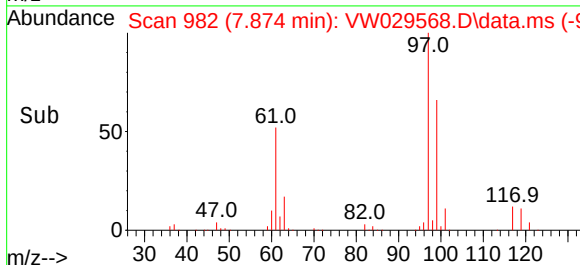
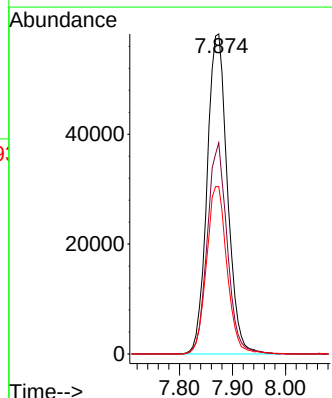
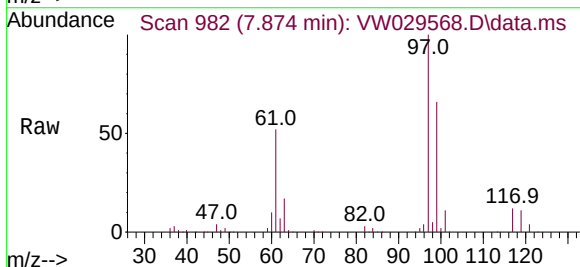
Tgt Ion: 97 Resp: 155321

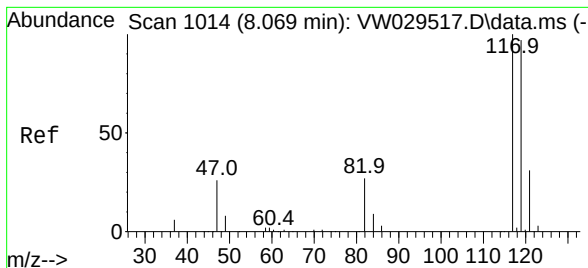
Ion Ratio Lower Upper

97 100

99 64.3 51.1 76.7

61 52.8 40.6 61.0

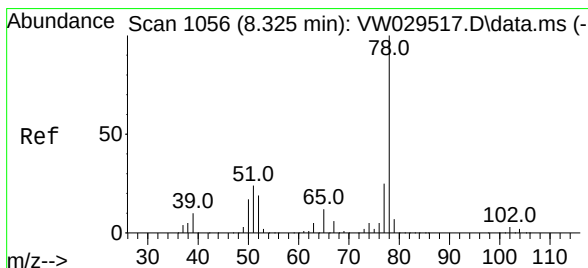
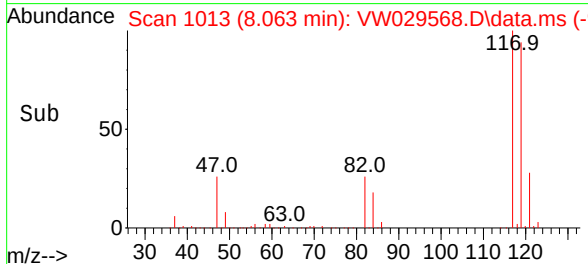
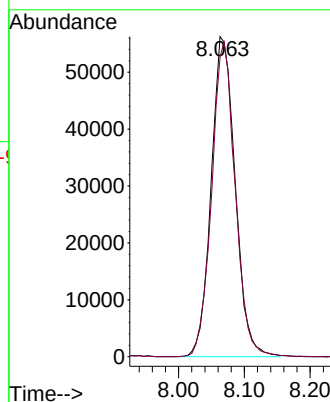
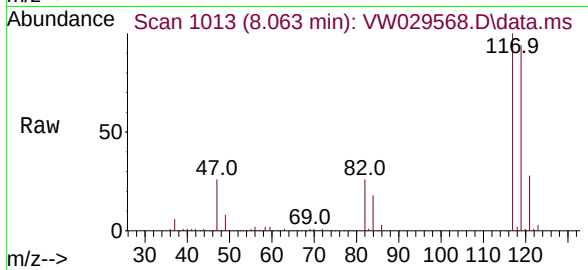




#31
Carbon tetrachloride
Concen: 24.708 ug/L
RT: 8.063 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

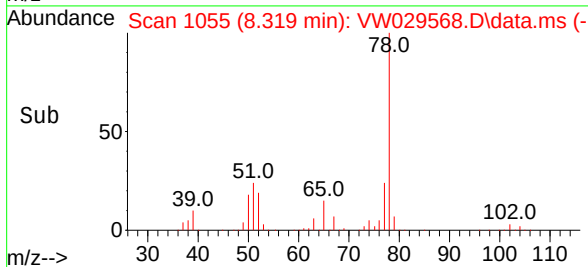
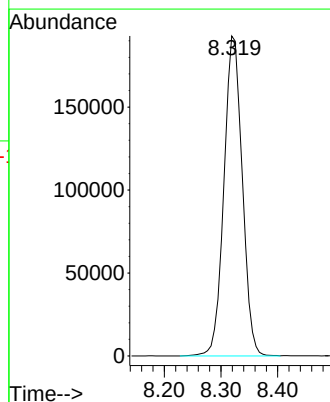
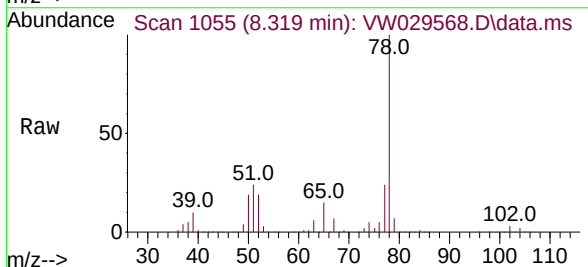
Instrument :
MSVOA_W
ClientSampleId :

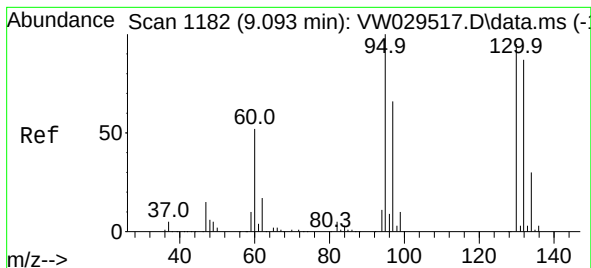
Tgt Ion:117 Resp: 142793
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 25.094 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Tgt Ion: 78 Resp: 433880





#34

Trichloroethene

Concen: 24.791 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 113195

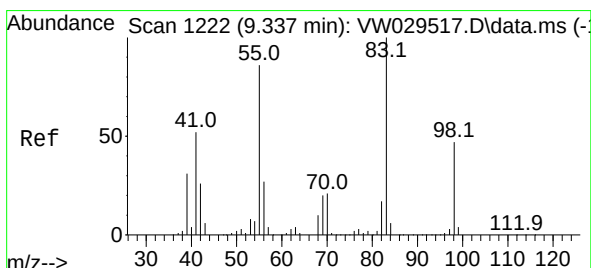
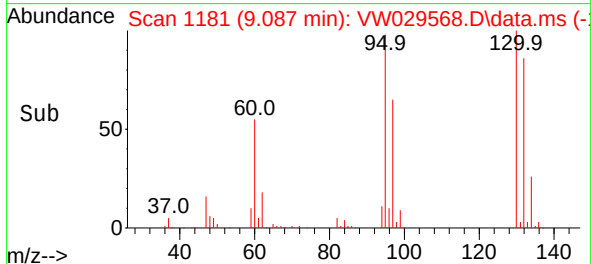
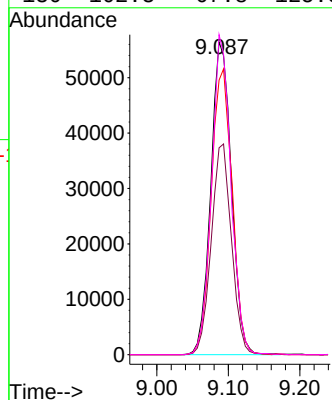
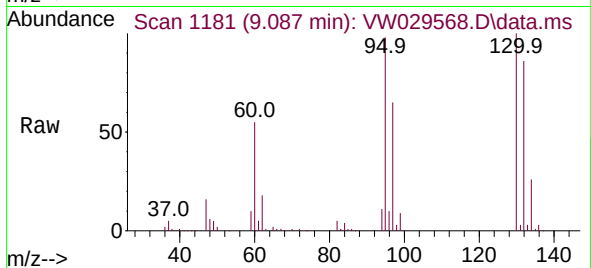
Ion Ratio Lower Upper

95 100

97 66.1 47.3 87.9

132 87.7 65.8 122.2

130 102.3 67.8 125.8



#35

Methylcyclohexane

Concen: 26.086 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

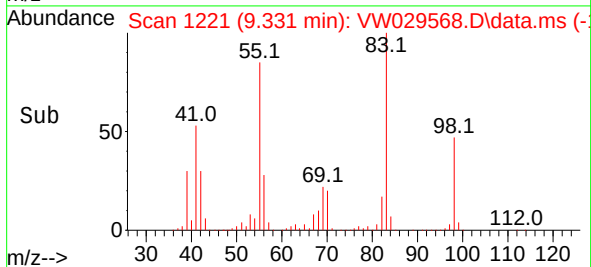
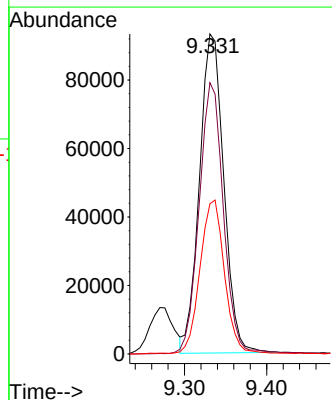
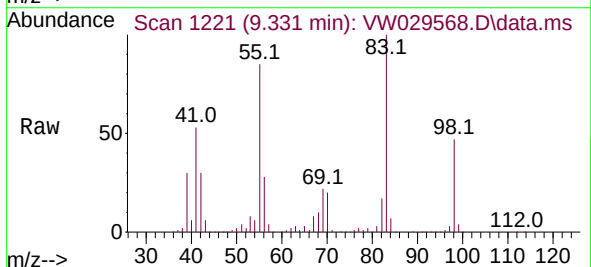
Tgt Ion: 83 Resp: 191443

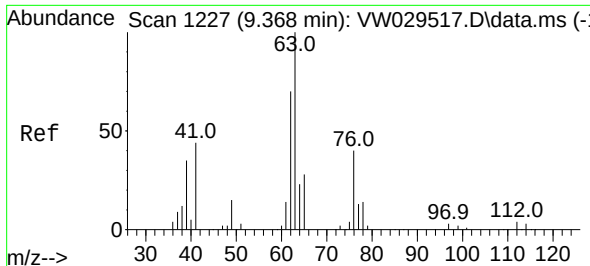
Ion Ratio Lower Upper

83 100

55 84.8 69.6 104.4

98 48.9 38.3 57.5





#37

1,2-Dichloropropane

Concen: 25.551 ug/L

RT: 9.368 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

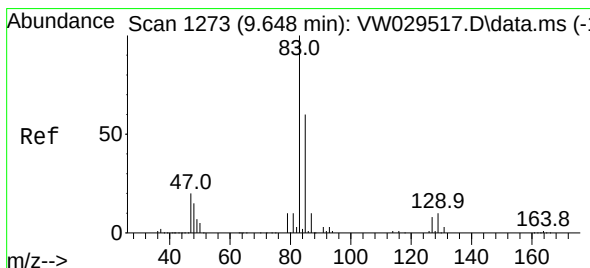
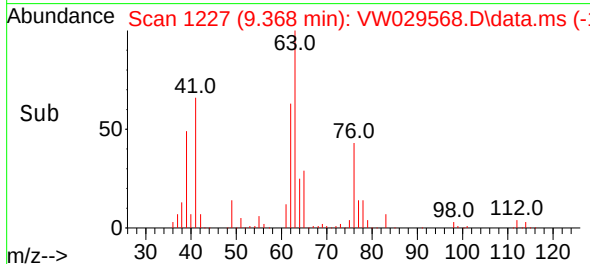
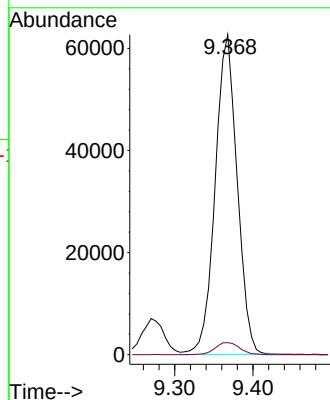
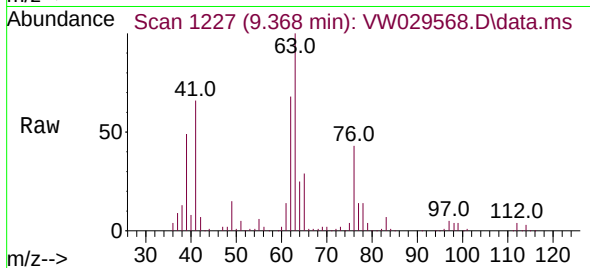
ClientSampleId :

Tgt Ion: 63 Resp: 122166

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 25.144 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

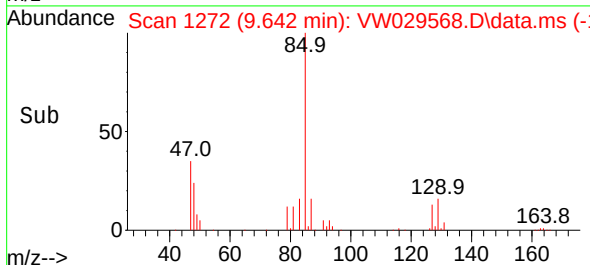
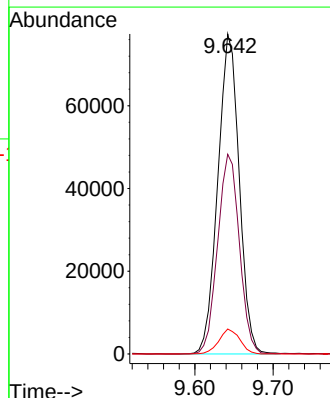
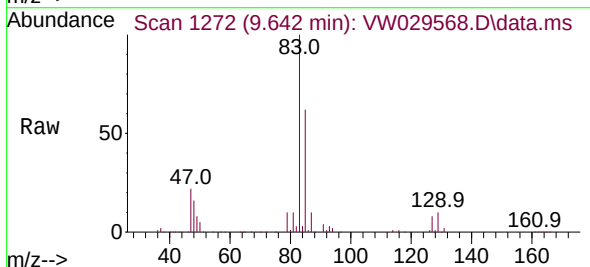
Tgt Ion: 83 Resp: 146843

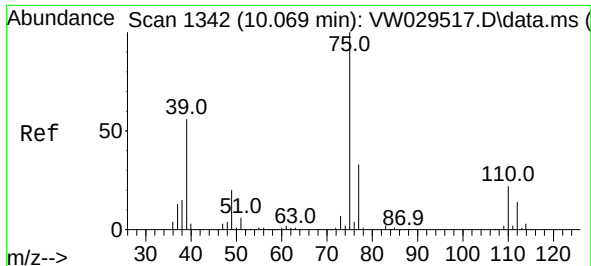
Ion Ratio Lower Upper

83 100

85 62.4 46.1 85.5

127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.620 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

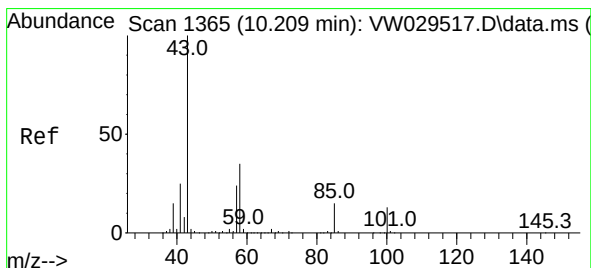
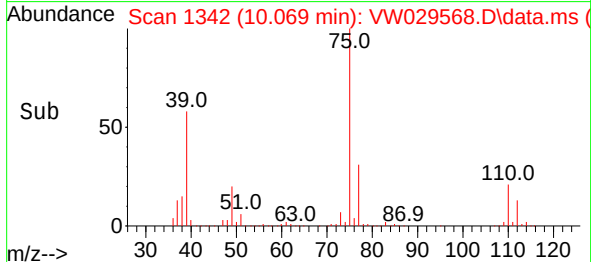
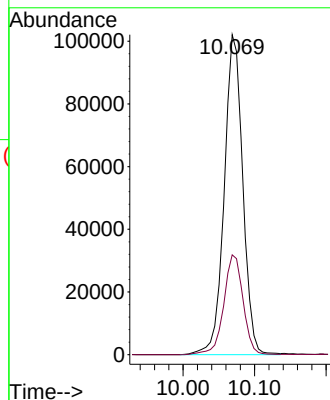
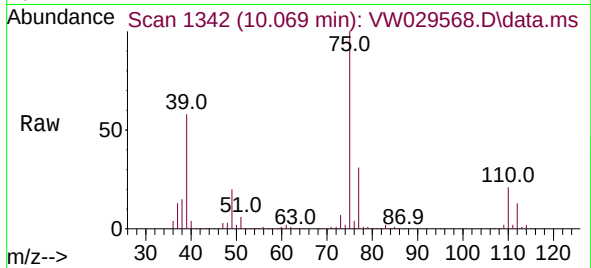
ClientSampleId :

Tgt Ion: 75 Resp: 183985

Ion Ratio Lower Upper

75 100

77 31.2 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 47.967 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

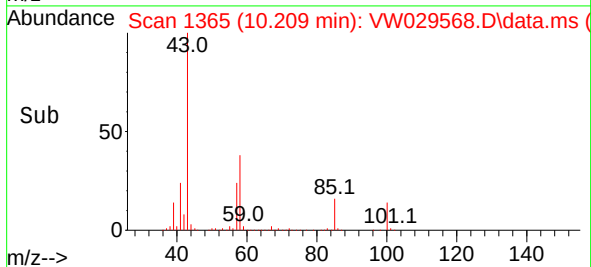
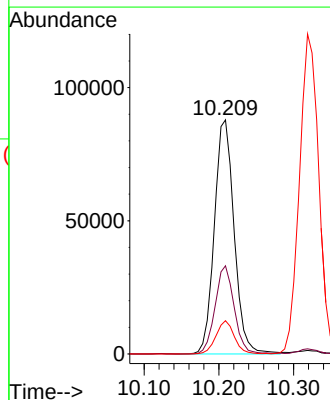
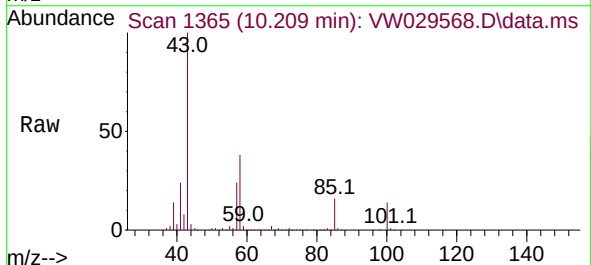
Tgt Ion: 43 Resp: 161631

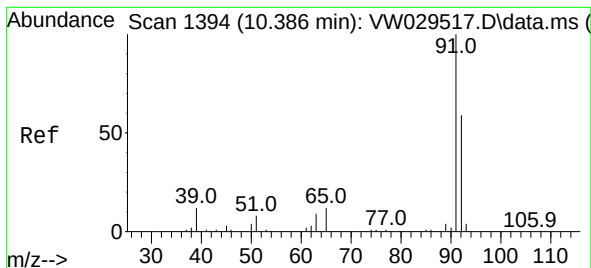
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6

100 13.2 10.5 15.7





#42

Toluene

Concen: 25.836 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

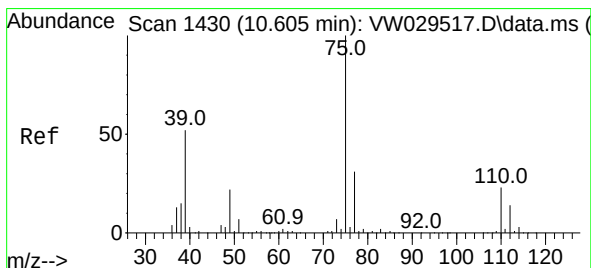
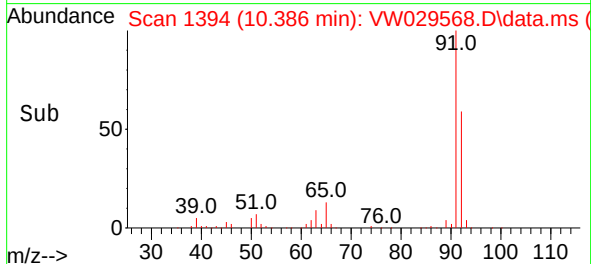
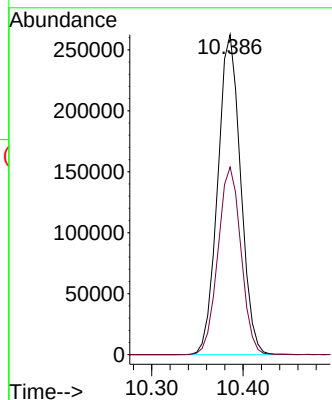
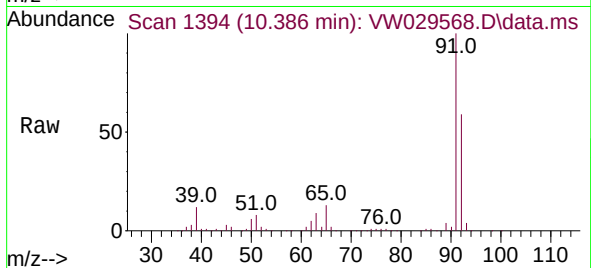
ClientSampleId :

Tgt Ion: 91 Resp: 456999

Ion Ratio Lower Upper

91 100

92 58.7 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 24.445 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029568.D

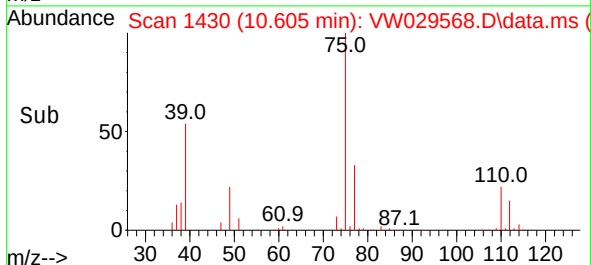
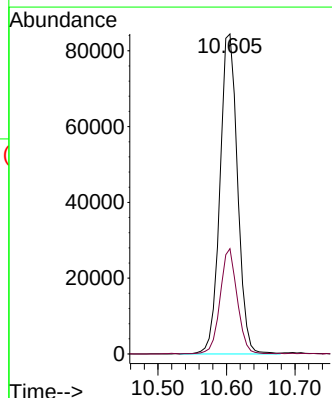
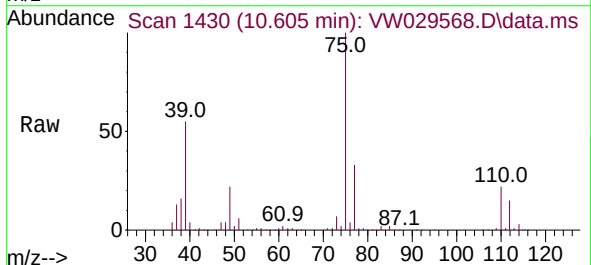
Acq: 15 Jul 2024 10:13

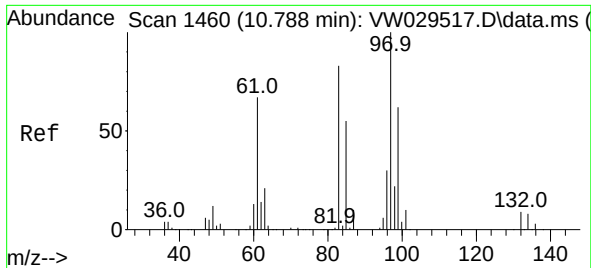
Tgt Ion: 75 Resp: 150457

Ion Ratio Lower Upper

75 100

77 32.9 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 24.024 ug/L

RT: 10.782 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 82607

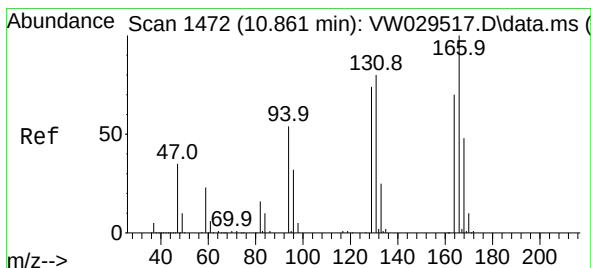
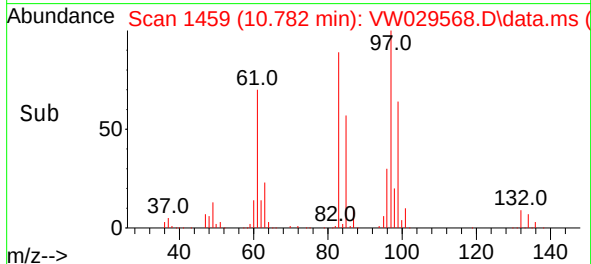
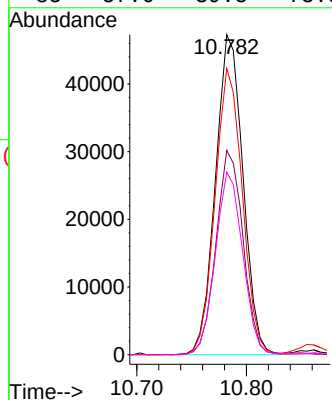
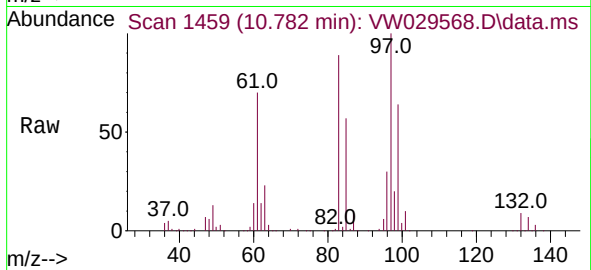
Ion Ratio Lower Upper

97 100

99 63.9 43.8 81.4

83 89.4 60.3 111.9

85 57.0 39.5 73.3



#46

Tetrachloroethene

Concen: 27.321 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Tgt Ion:164 Resp: 88625

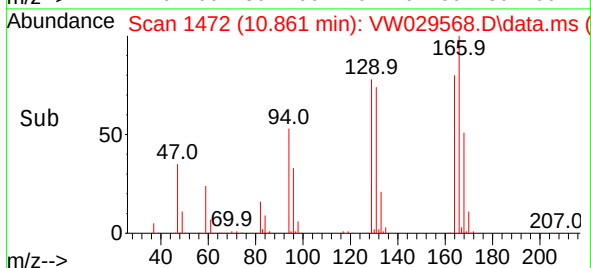
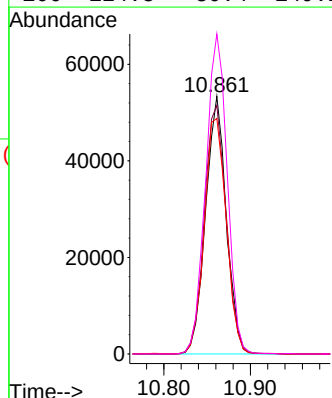
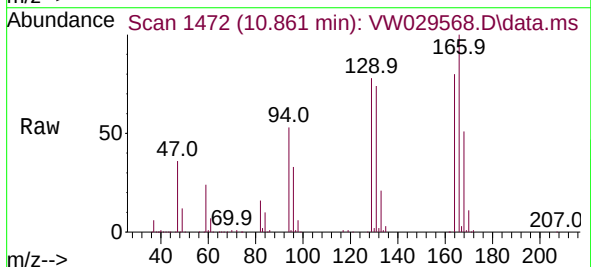
Ion Ratio Lower Upper

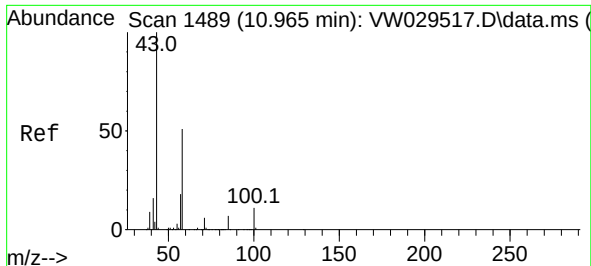
164 100

129 96.6 60.0 111.4

131 91.5 64.6 120.0

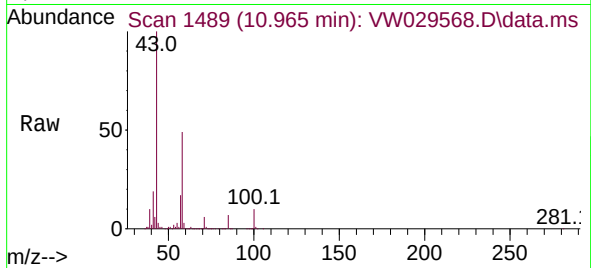
166 124.3 80.4 149.2





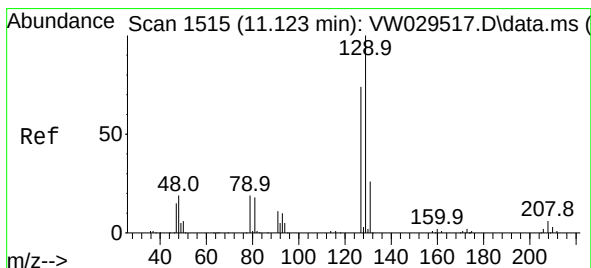
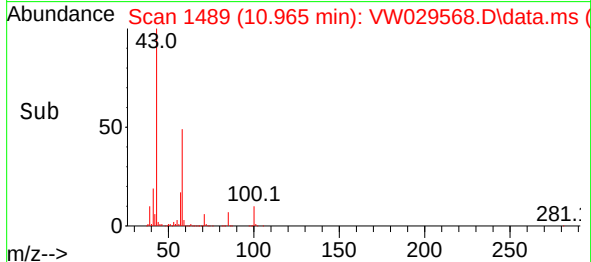
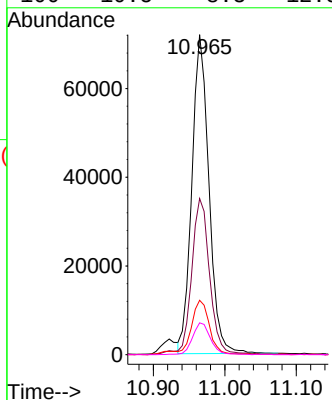
#48
2-Hexanone
Concen: 47.100 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 43 Resp: 119235

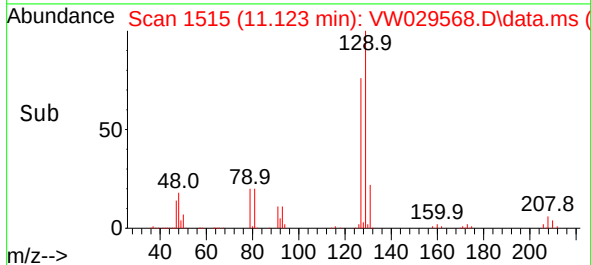
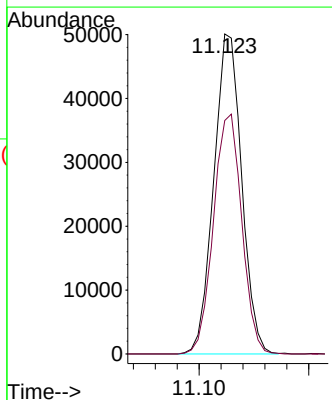
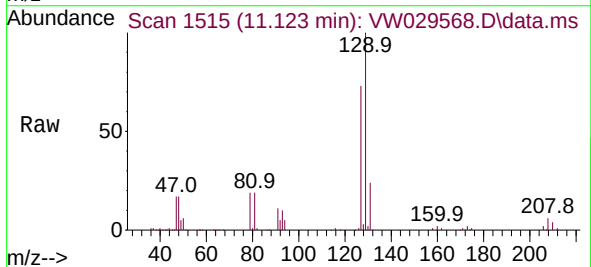
Ion	Ratio	Lower	Upper
43	100		
58	50.9	39.8	59.8
57	17.7	14.6	21.8
100	10.5	8.3	12.5

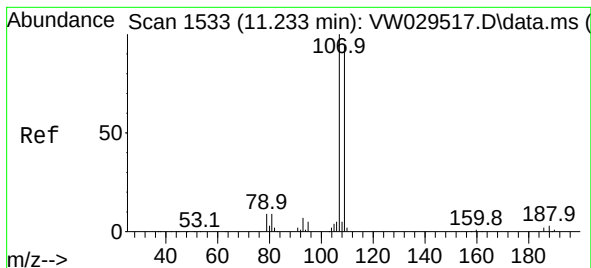


#49
Dibromochloromethane
Concen: 24.783 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Tgt Ion: 129 Resp: 88686

Ion	Ratio	Lower	Upper
129	100		
127	72.9	51.9	96.3





#50

1,2-Dibromoethane

Concen: 22.644 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

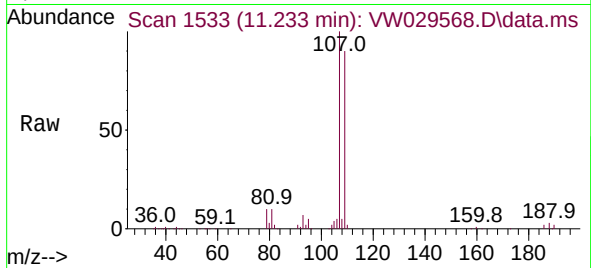
Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



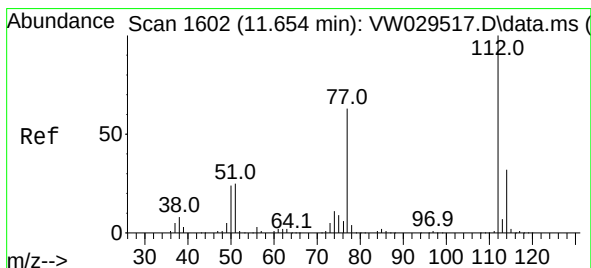
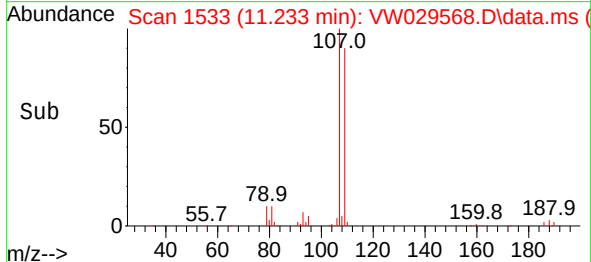
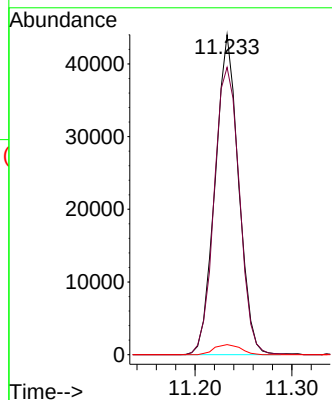
Tgt Ion:107 Resp: 74200

Ion Ratio Lower Upper

107 100

109 89.8 63.2 117.4

188 3.1 2.9 4.3



#51

Chlorobenzene

Concen: 24.124 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

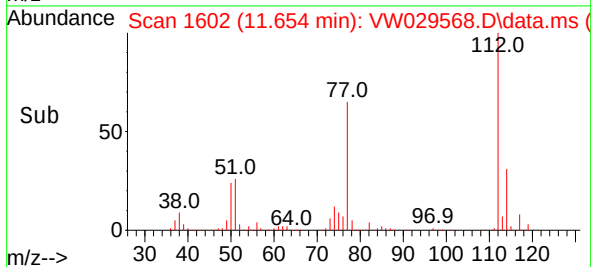
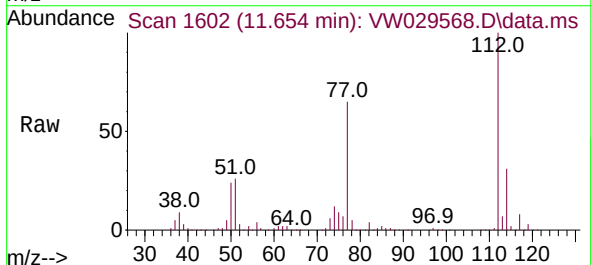
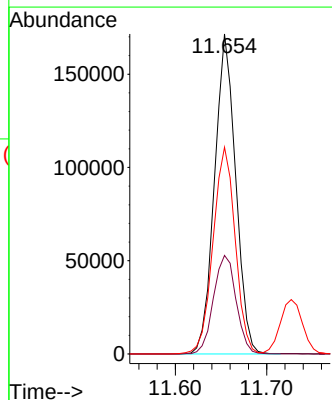
Tgt Ion:112 Resp: 275846

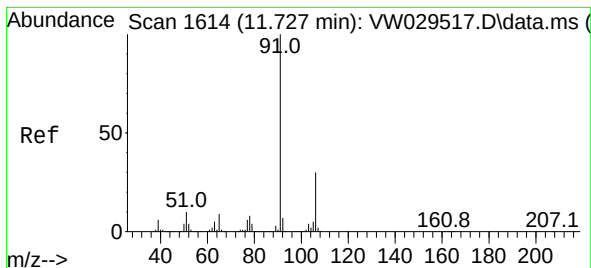
Ion Ratio Lower Upper

112 100

114 30.8 22.6 42.0

77 64.6 49.9 74.9





#52

Ethylbenzene

Concen: 26.700 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

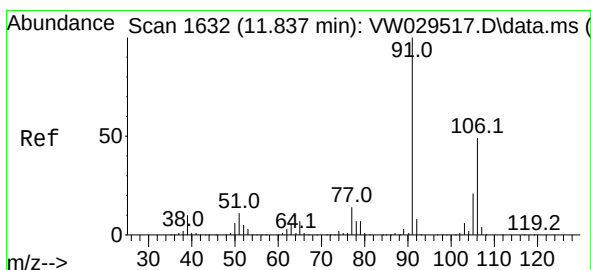
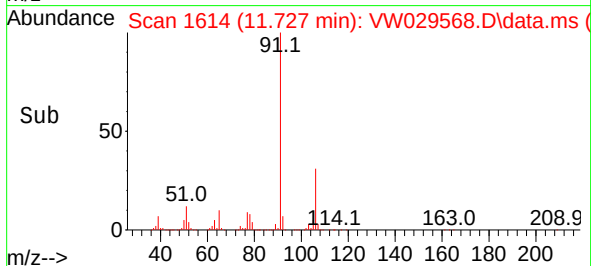
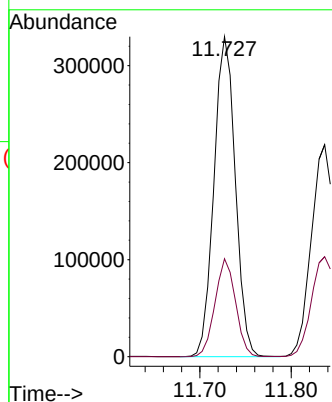
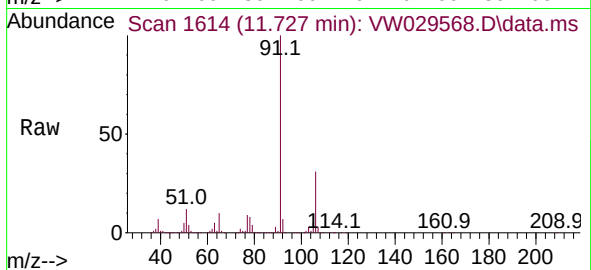
ClientSampleId :

Tgt Ion: 91 Resp: 535074

Ion Ratio Lower Upper

91 100

106 30.6 20.2 37.6



#53

m,p-Xylene

Concen: 26.469 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029568.D

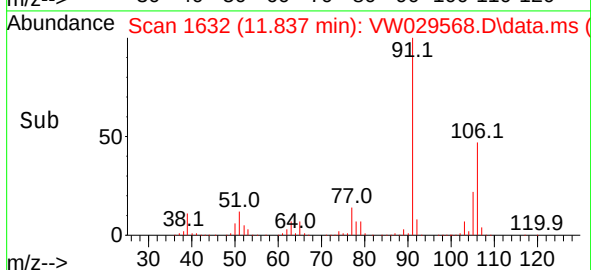
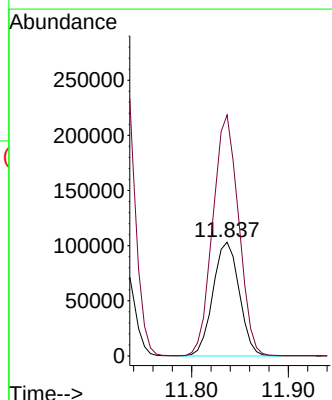
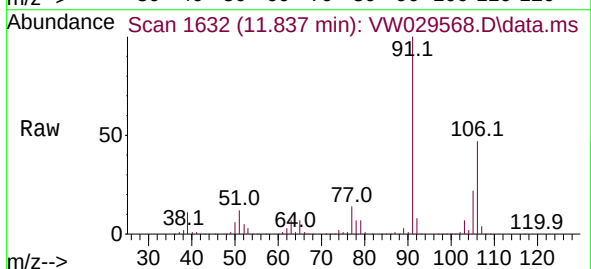
Acq: 15 Jul 2024 10:13

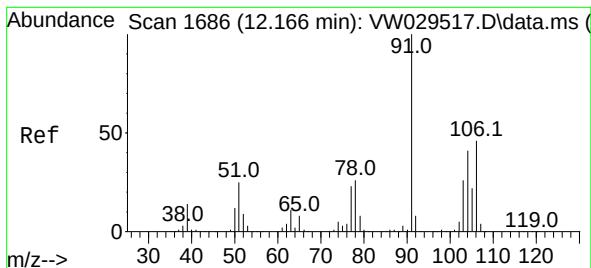
Tgt Ion:106 Resp: 194726

Ion Ratio Lower Upper

106 100

91 211.9 149.3 277.3





#54

o-Xylene

Concen: 27.326 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

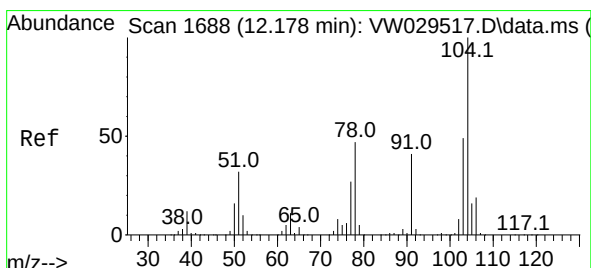
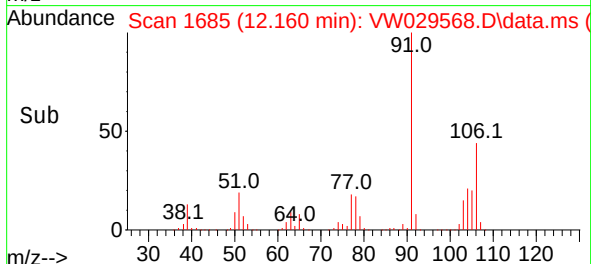
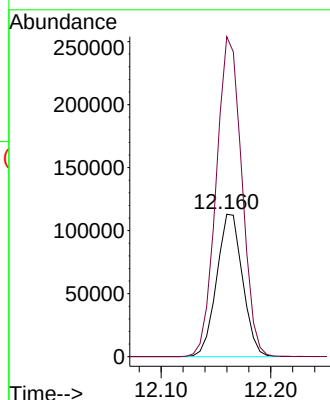
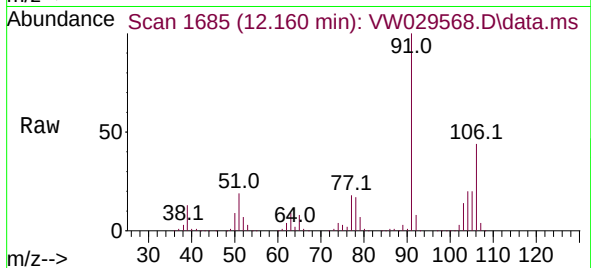
ClientSampleId :

Tgt Ion:106 Resp: 185937

Ion Ratio Lower Upper

106 100

91 224.8 159.2 295.6



#55

Styrene

Concen: 26.800 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW029568.D

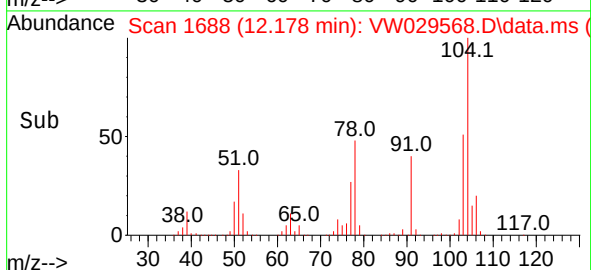
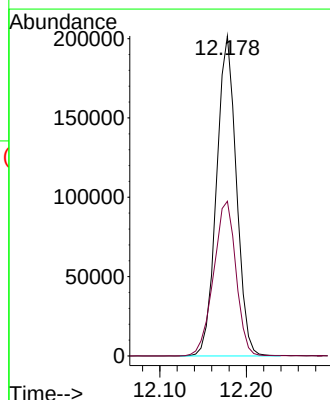
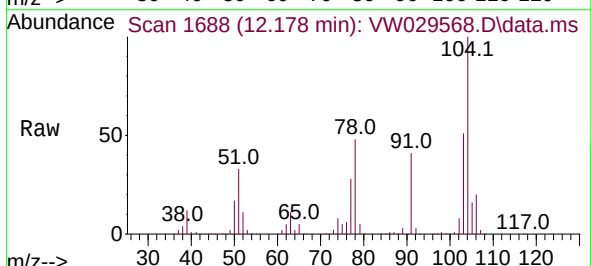
Acq: 15 Jul 2024 10:13

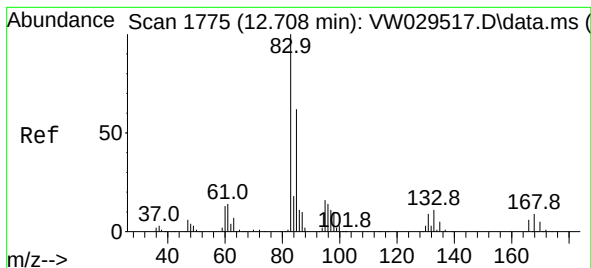
Tgt Ion:104 Resp: 320657

Ion Ratio Lower Upper

104 100

78 48.3 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.077 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

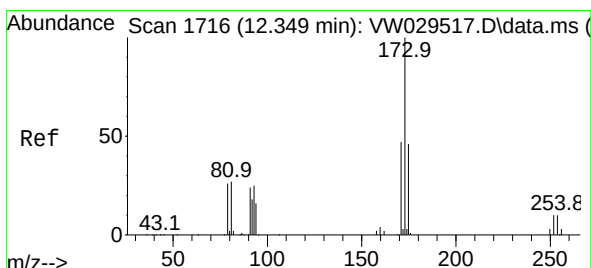
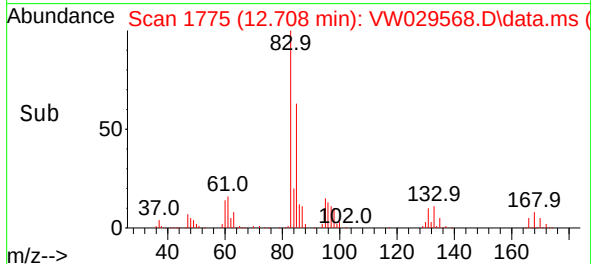
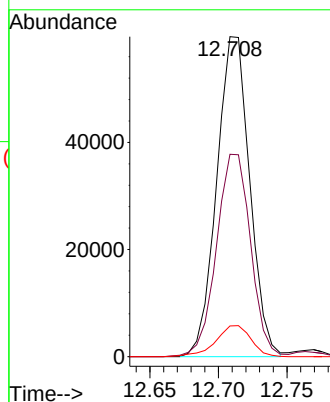
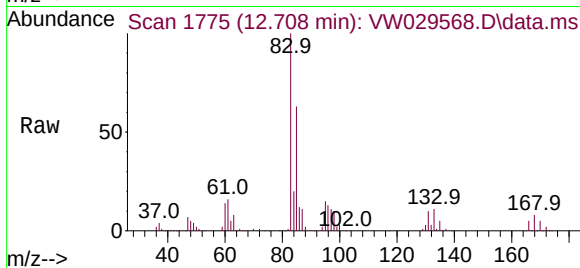
Tgt Ion: 83 Resp: 100097

Ion Ratio Lower Upper

83 100

85 63.3 45.4 84.4

131 9.6 6.4 9.6#



#59

Bromoform

Concen: 23.916 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

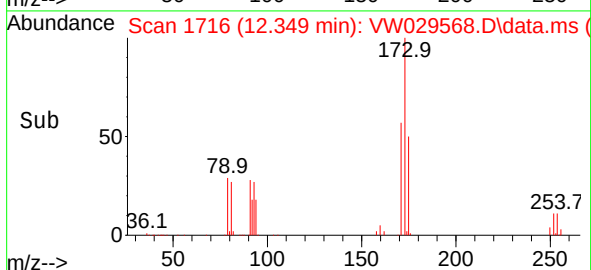
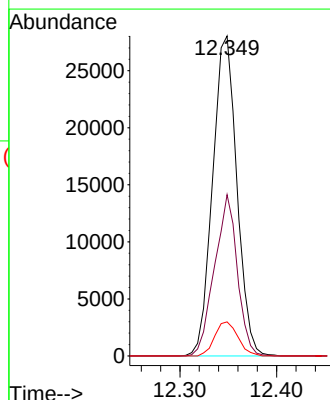
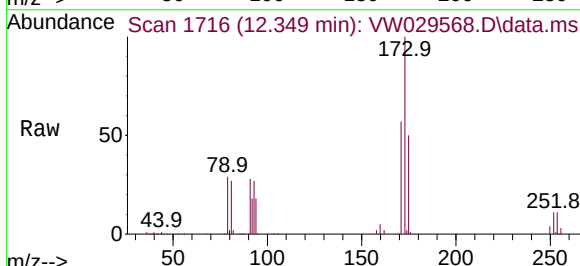
Tgt Ion:173 Resp: 48743

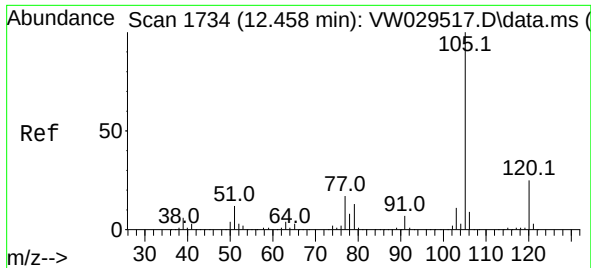
Ion Ratio Lower Upper

173 100

175 47.3 40.4 60.6

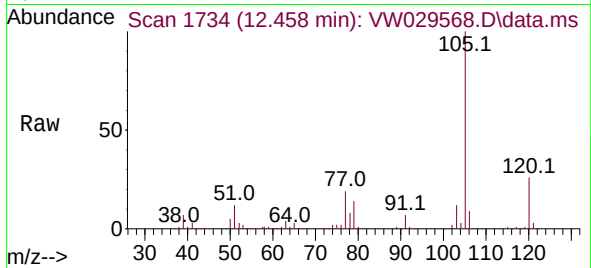
254 10.2 8.8 13.2



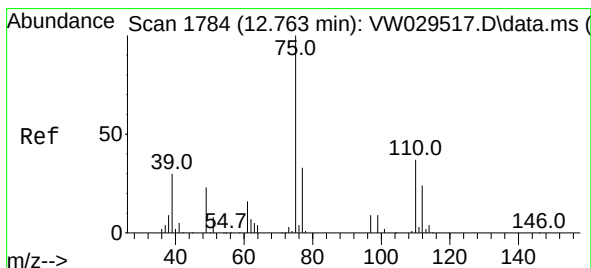
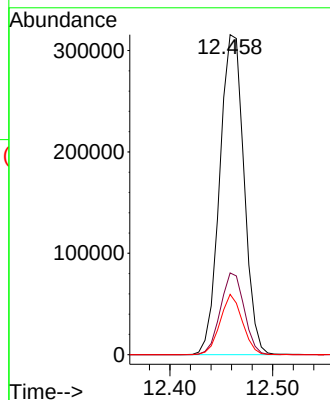
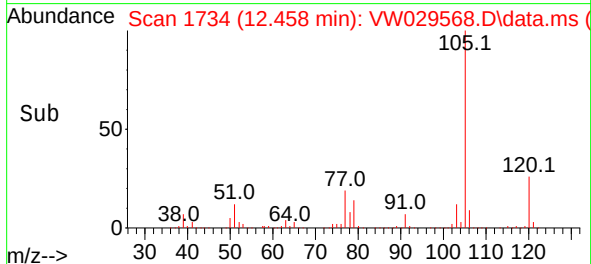


#60
Isopropylbenzene
Concen: 27.865 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

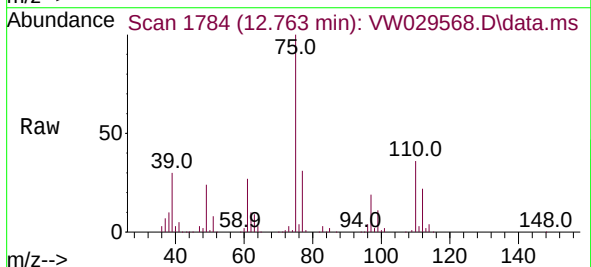
Instrument :
MSVOA_W
ClientSampleId :



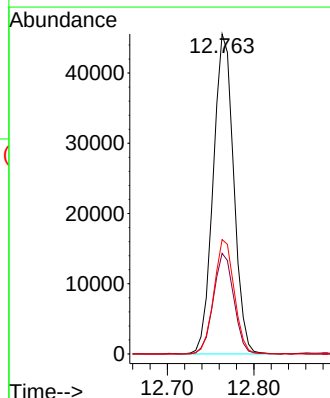
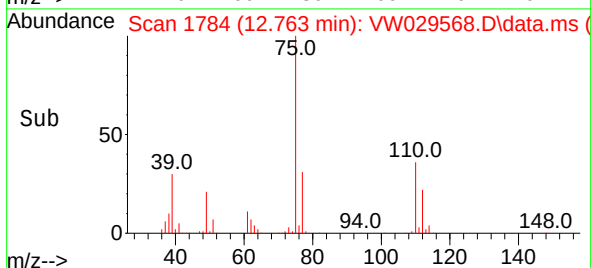
Tgt Ion:105 Resp: 517645
Ion Ratio Lower Upper
105 100
120 25.0 20.2 30.4
77 17.2 13.6 20.4

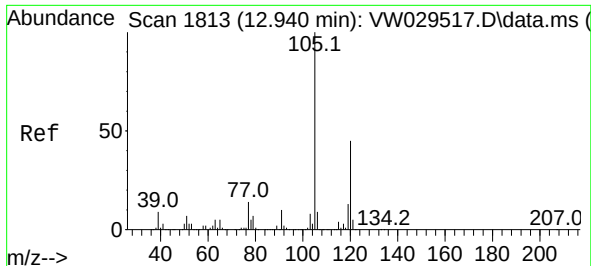


#61
1,2,3-Trichloropropane
Concen: 23.428 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13



Tgt Ion: 75 Resp: 74860
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3
110 35.4 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 29.897 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

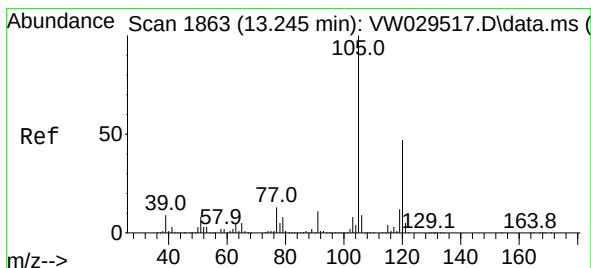
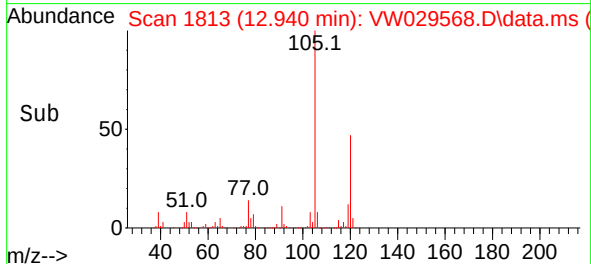
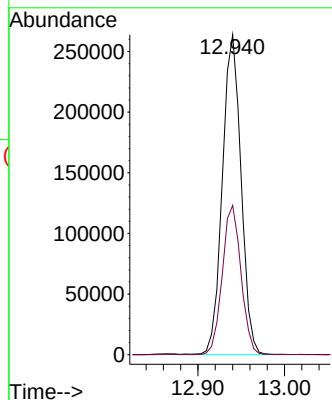
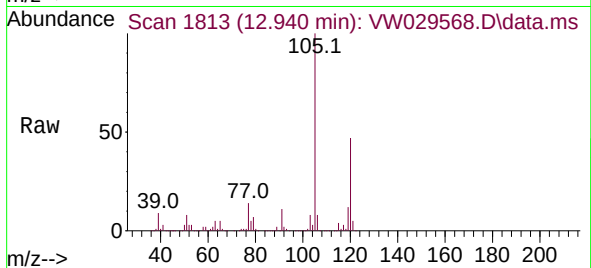
ClientSampleId :

Tgt Ion:105 Resp: 395072

Ion Ratio Lower Upper

105 100

120 46.6 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 28.699 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029568.D

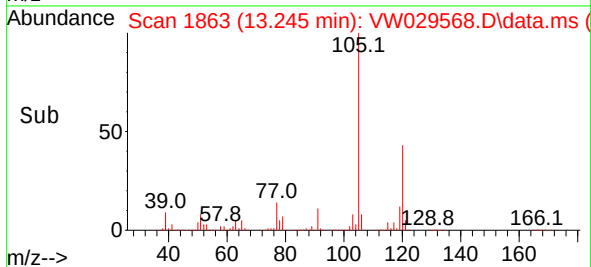
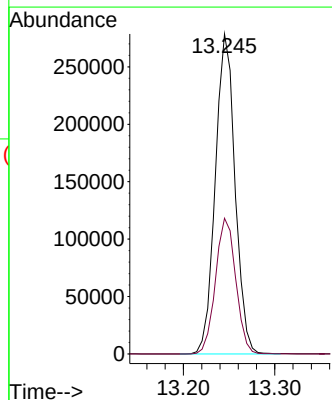
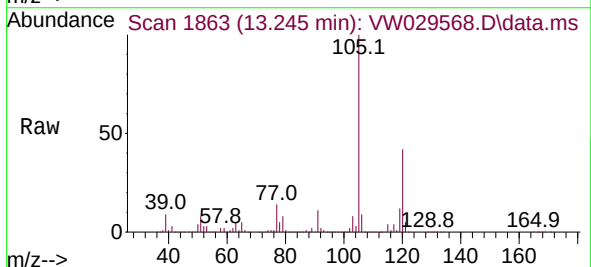
Acq: 15 Jul 2024 10:13

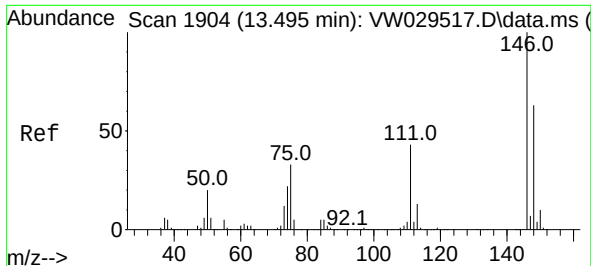
Tgt Ion:105 Resp: 418553

Ion Ratio Lower Upper

105 100

120 43.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.640 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

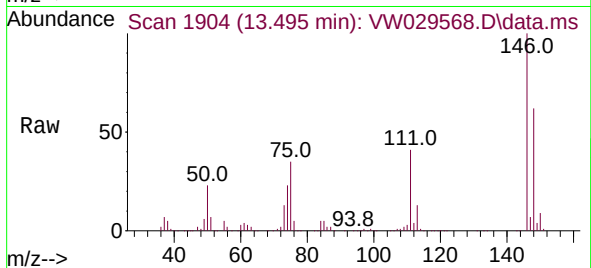
Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



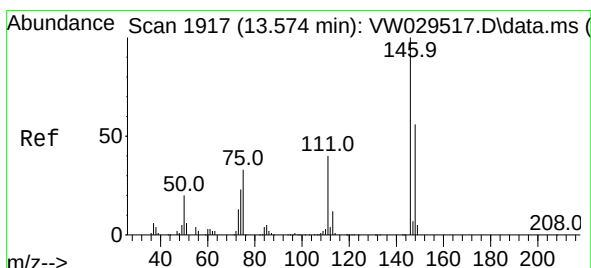
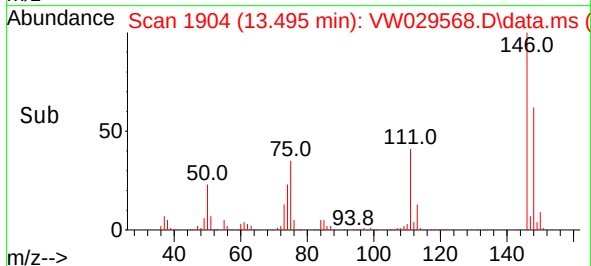
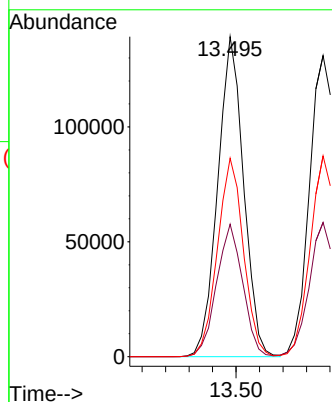
Tgt Ion:146 Resp: 213506

Ion Ratio Lower Upper

146 100

111 41.4 28.6 53.2

148 62.0 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 24.785 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

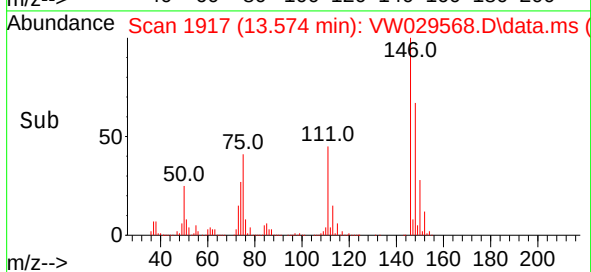
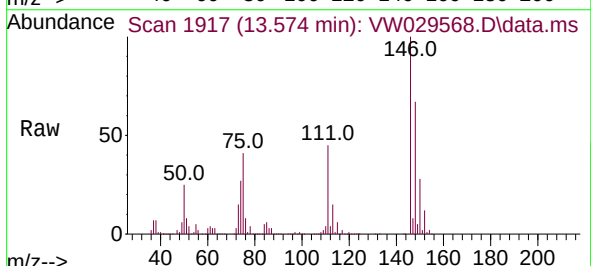
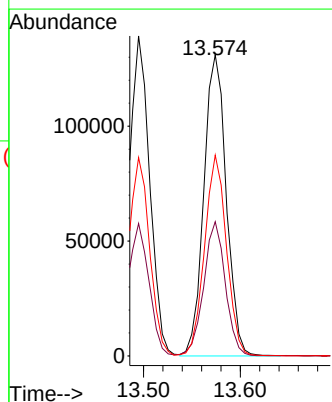
Tgt Ion:146 Resp: 211437

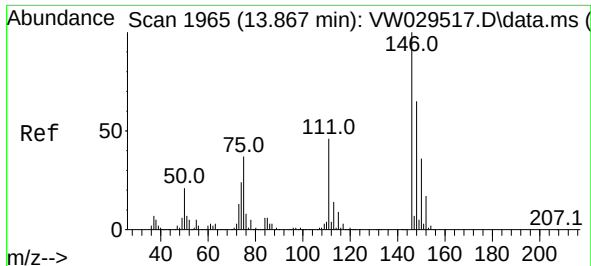
Ion Ratio Lower Upper

146 100

111 44.6 27.6 51.4

148 66.7 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 24.535 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :

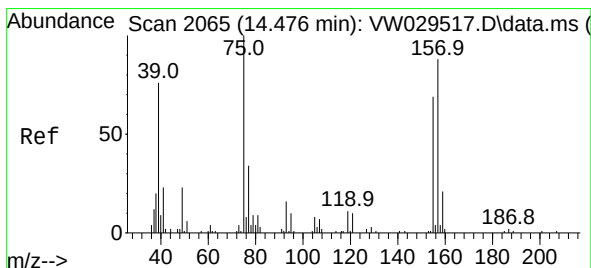
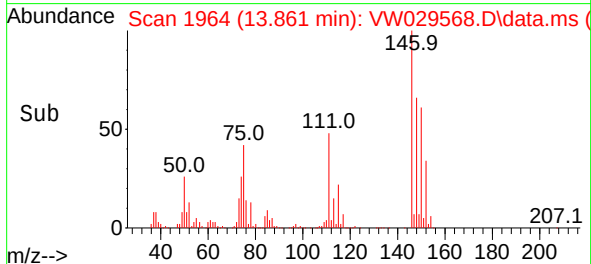
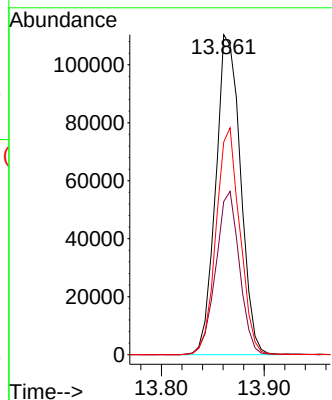
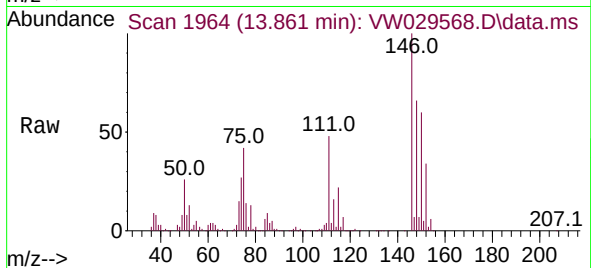
Tgt Ion:146 Resp: 184676

Ion Ratio Lower Upper

146 100

111 47.9 37.1 55.7

148 66.5 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 21.909 ug/L

RT: 14.483 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

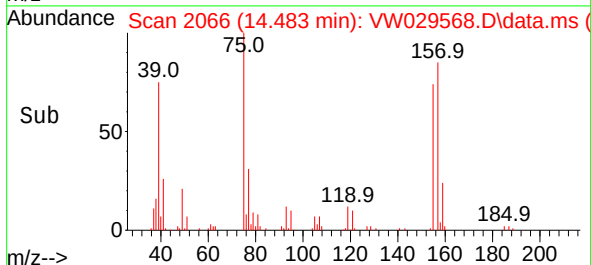
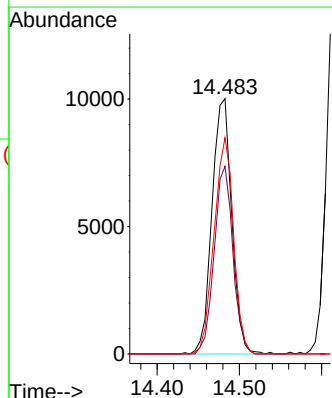
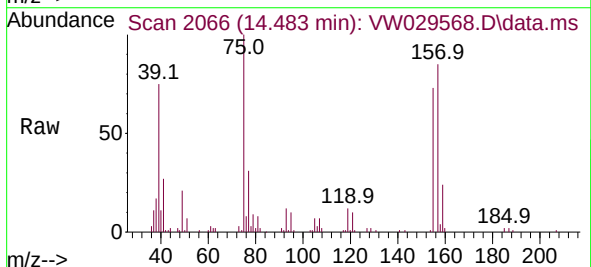
Tgt Ion: 75 Resp: 16736

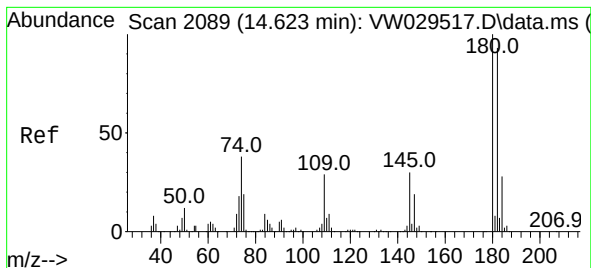
Ion Ratio Lower Upper

75 100

155 73.5 51.2 76.8

157 84.7 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 27.090 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

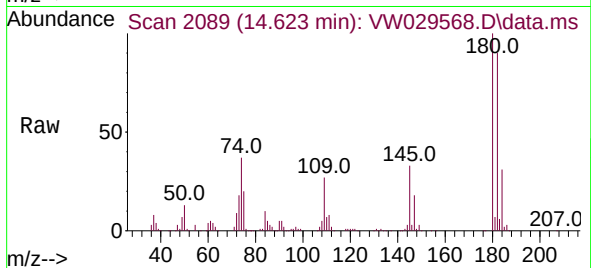
Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 147156

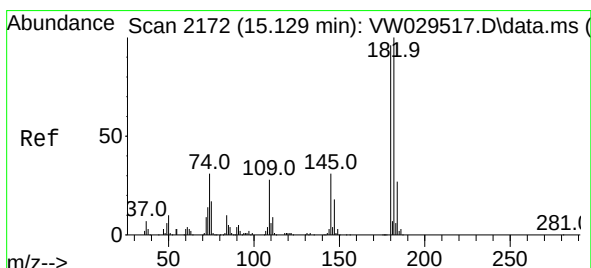
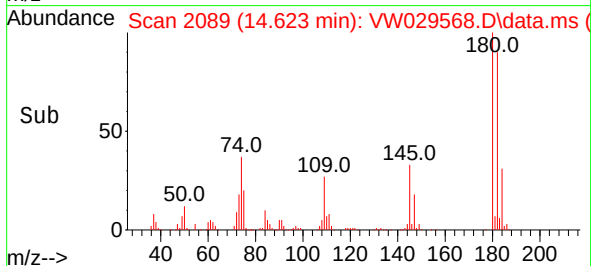
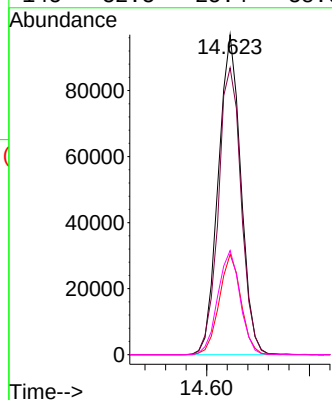
Ion Ratio Lower Upper

180 100

182 91.2 77.9 116.9

184 30.3 24.4 36.6

145 32.3 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 26.233 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. -0.000 min

Lab File: VW029568.D

Acq: 15 Jul 2024 10:13

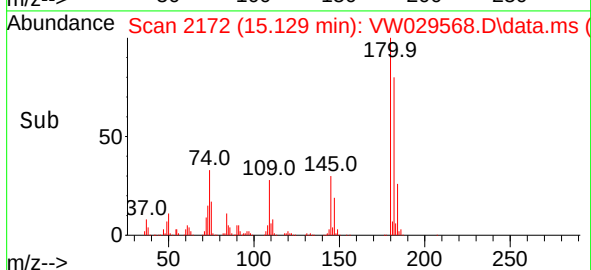
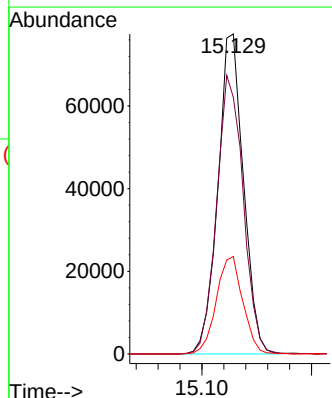
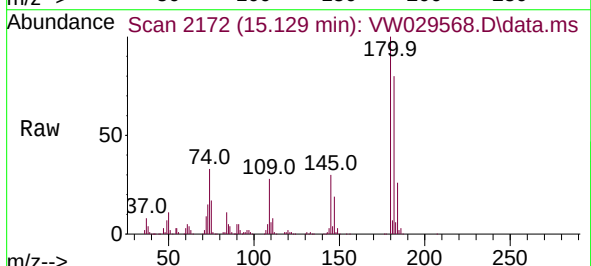
Tgt Ion:180 Resp: 125389

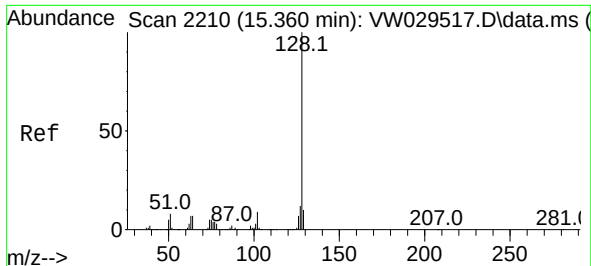
Ion Ratio Lower Upper

180 100

182 90.3 74.7 112.1

145 31.6 26.2 39.2

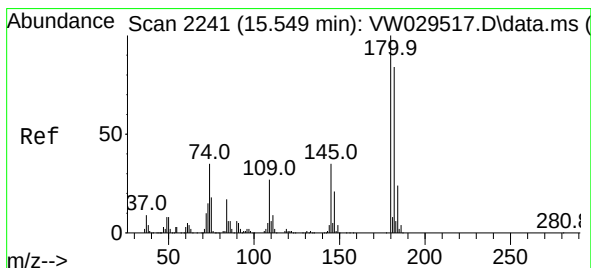
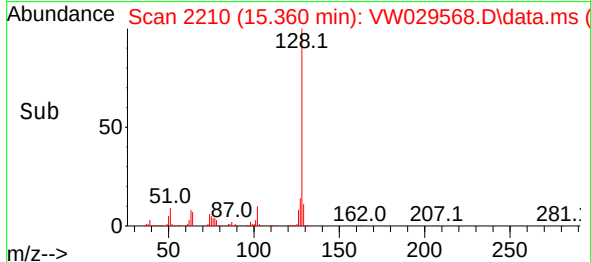
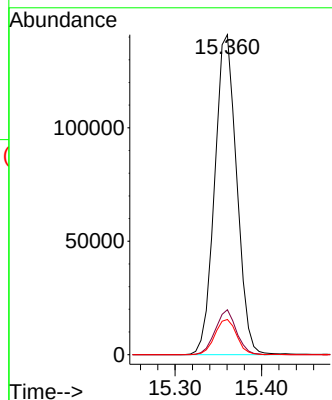
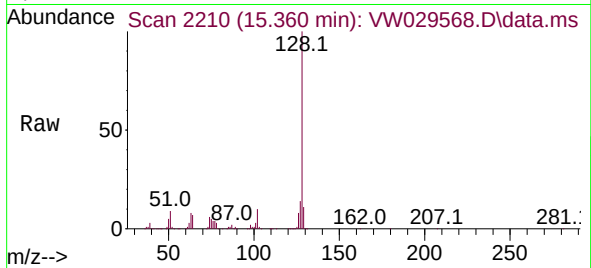




#71
Naphthalene
Concen: 24.838 ug/L
RT: 15.360 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 249181
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 10.9 9.0 13.4



#72
1,2,3-Trichlorobenzene
Concen: 24.880 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.006 min
Lab File: VW029568.D
Acq: 15 Jul 2024 10:13

Tgt Ion:180 Resp: 108048
Ion Ratio Lower Upper
180 100
182 96.5 73.4 110.0
145 34.0 26.9 40.3

