

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070924\
 Data File : VW029481.D
 Acq On : 09 Jul 2024 09:55
 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 10 01:14:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Jul 09 02:23:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	256941	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	235706	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	115560	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	103496	24.935	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.720%
7) Chloroethane-d5	2.899	69	77412	25.901	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	4.021	65	47946	25.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	102.880%
21) 2-Butanone-d5	7.075	46	58070	46.606	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.220%
24) Chloroform-d	7.648	84	197984	26.654	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.600%
26) 1,2-Dichloroethane-d4	8.307	65	113394	26.027	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.120%
32) Benzene-d6	8.276	84	388442	27.510	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.040%
36) 1,2-Dichloropropane-d6	9.270	67	121878	26.996	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.000%
41) Toluene-d8	10.318	98	346203	27.879	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	111.520%
43) trans-1,3-Dichloroprop...	10.574	79	50405	26.365	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.480%
47) 2-Hexanone-d5	10.922	63	39920	48.661	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	93410	25.483	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.920%
66) 1,2-Dichlorobenzene-d4	13.848	152	106569	26.480	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45143	17.942	ug/L	95
3) Chloromethane	2.222	50	74990	22.276	ug/L	94
5) Vinyl chloride	2.375	62	89923	23.408	ug/L	96
6) Bromomethane	2.789	94	56070	24.650	ug/L	94
8) Chloroethane	2.936	64	58472	24.736	ug/L	99
9) Trichlorofluoromethane	3.271	101	79996	23.133	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	78723	23.132	ug/L	95
12) 1,1-Dichloroethene	4.045	96	78007	24.413	ug/L	92
13) Acetone	4.118	43	57090	45.396	ug/L	98
14) Carbon disulfide	4.393	76	253802	24.458	ug/L	98
15) Methyl Acetate	4.667	43	48092	21.781	ug/L	99
16) Methylene chloride	4.917	84	95798	20.825	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	88130	24.915	ug/L	99
18) Methyl tert-butyl Ether	5.423	73	142302	23.644	ug/L	99
19) 1,1-Dichloroethane	6.215	63	179724	24.741	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	96852	25.039	ug/L	99
22) 2-Butanone	7.167	43	71102	43.067	ug/L	100
23) Bromochloromethane	7.508	128	41944	24.108	ug/L	95
25) Chloroform	7.673	83	176471	25.107	ug/L	99

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 QLast Update : Tue Jul 09 02:23:46 2024
 Response via : Initial Calibration

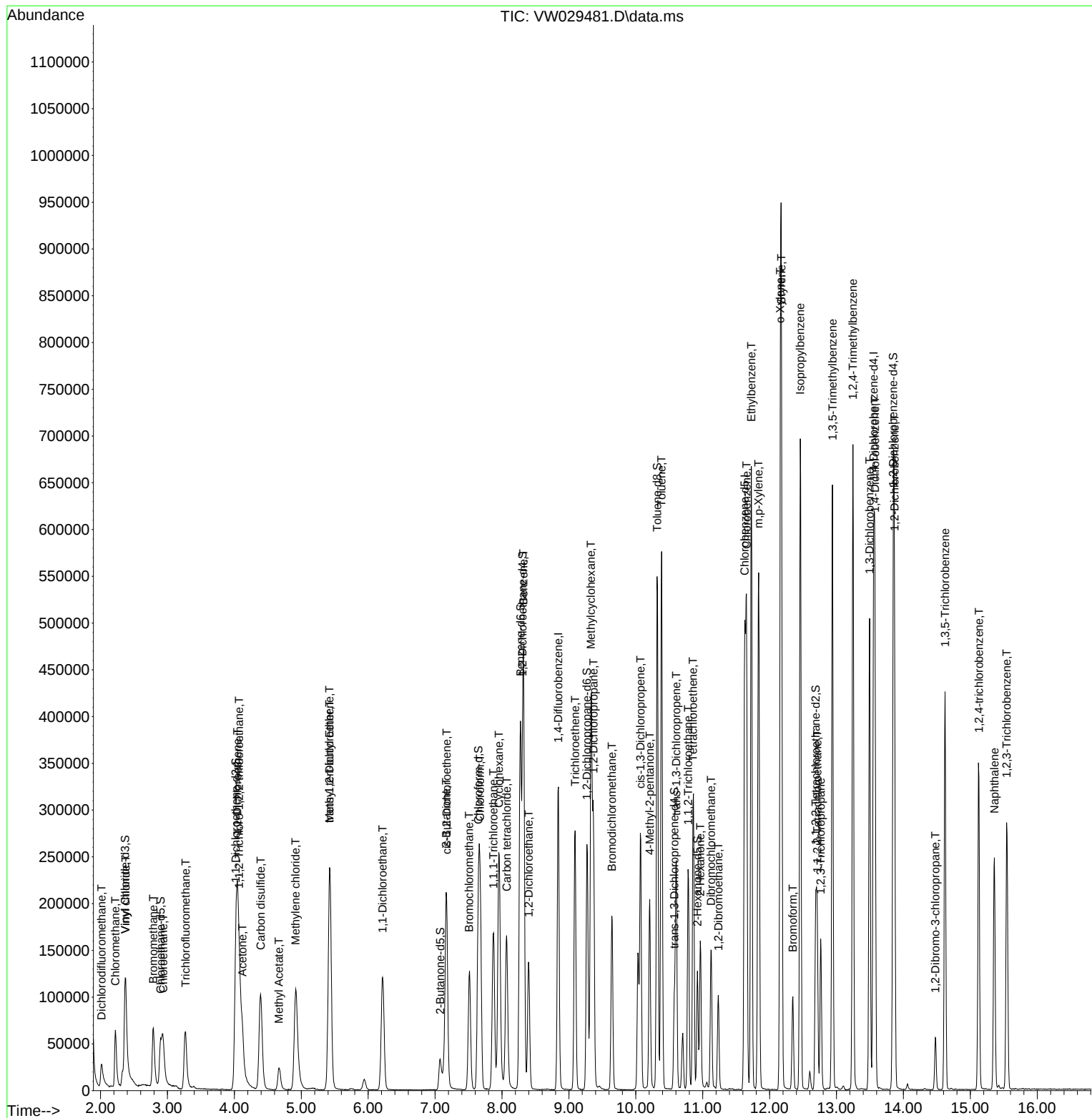
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	125576	23.820	ug/L	97
29) Cyclohexane	7.953	56	148805	25.353	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	139132	25.849	ug/L	99
31) Carbon tetrachloride	8.069	117	122938	24.940	ug/L	100
33) Benzene	8.319	78	381383	25.861	ug/L	100
34) Trichloroethene	9.093	95	97957	25.153	ug/L	96
35) Methylcyclohexane	9.331	83	163751	26.160	ug/L	97
37) 1,2-Dichloropropane	9.367	63	104432	25.608	ug/L	100
38) Bromodichloromethane	9.642	83	124126	24.919	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	156255	25.510	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	138244	48.100	ug/L	100
42) Toluene	10.385	91	402384	26.671	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	130580	24.873	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	72245	24.633	ug/L	99
46) Tetrachloroethene	10.855	164	67779	24.497	ug/L	88
48) 2-Hexanone	10.965	43	104749	48.513	ug/L	100
49) Dibromochloromethane	11.123	129	75624	24.777	ug/L	97
50) 1,2-Dibromoethane	11.233	107	66572	23.819	ug/L	96
51) Chlorobenzene	11.654	112	245152	25.136	ug/L	99
52) Ethylbenzene	11.727	91	444253	25.990	ug/L	98
53) m,p-Xylene	11.836	106	167718	26.728	ug/L	98
54) o-Xylene	12.160	106	153925	26.522	ug/L	95
55) Styrene	12.178	104	277374	27.179	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.714	83	89728	24.254	ug/L	95
59) Bromoform	12.349	173	43502	24.387	ug/L	98
60) Isopropylbenzene	12.458	105	429134	26.393	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	65017	23.247	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	313496	27.105	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	350946	27.493	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	186641	25.609	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	182584	24.454	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	168865	25.632	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	14864	22.232	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	117702	24.756	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	97771	23.370	ug/L	95
71) Naphthalene	15.360	128	201646	22.964	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	88997	23.414	ug/L	95

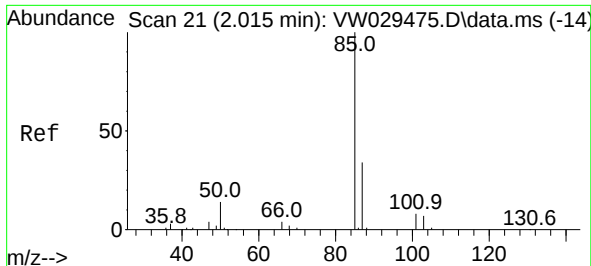
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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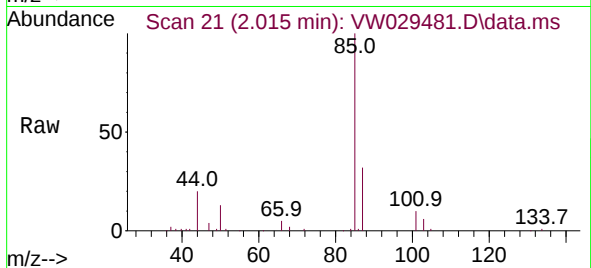
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Quant Title : SFAM01.0
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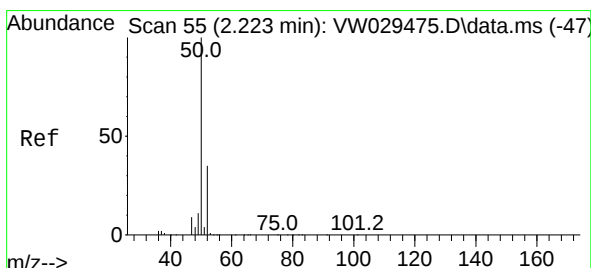
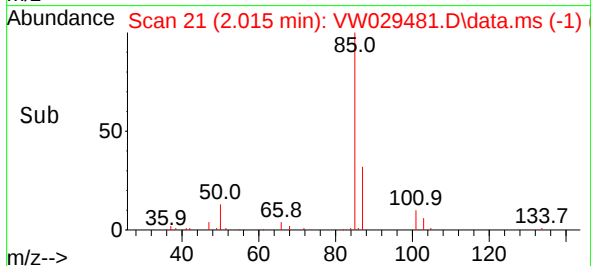
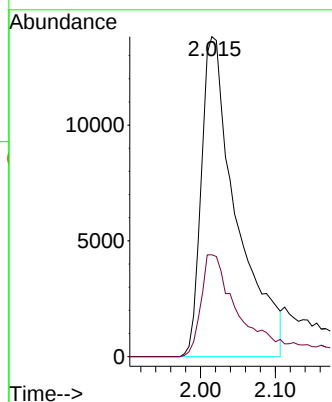


#2
 Dichlorodifluoromethane
 Concen: 17.942 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029481.D
 Acq: 09 Jul 2024 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

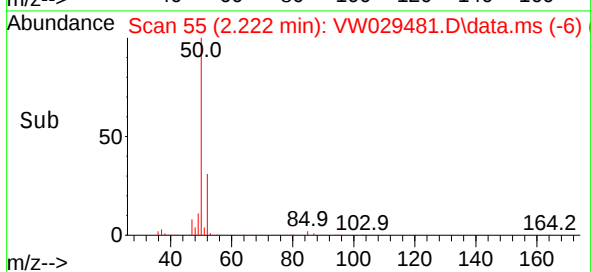
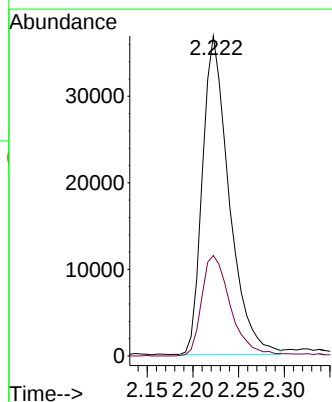
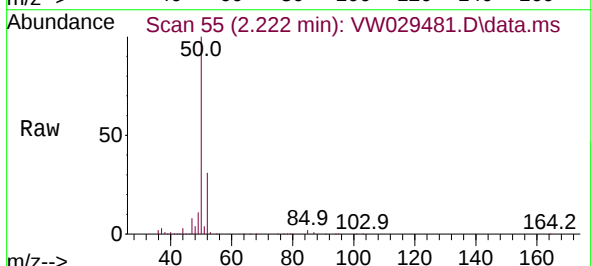


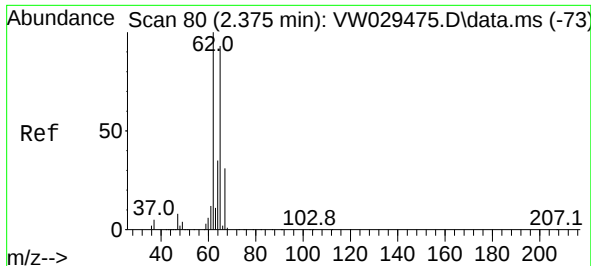
Tgt Ion: 85 Resp: 45143
 Ion Ratio Lower Upper
 85 100
 87 29.7 26.1 39.1



#3
 Chloromethane
 Concen: 22.276 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW029481.D
 Acq: 09 Jul 2024 09:55

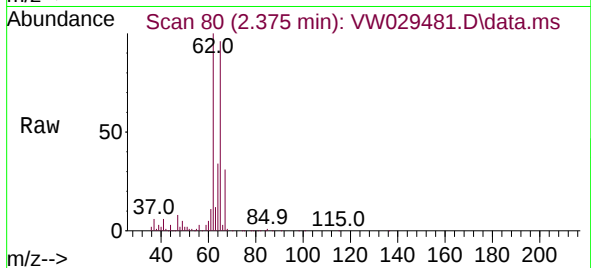
Tgt Ion: 50 Resp: 74990
 Ion Ratio Lower Upper
 50 100
 52 31.4 24.4 45.2



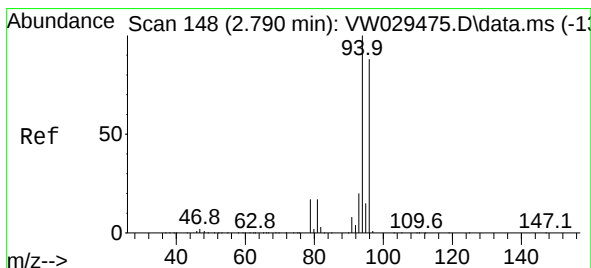
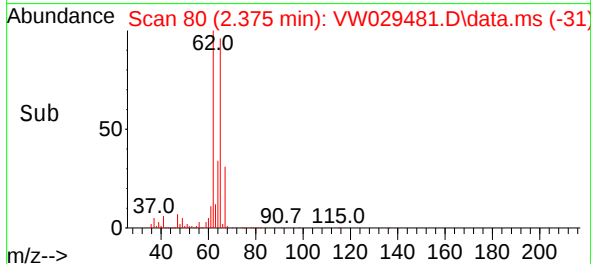
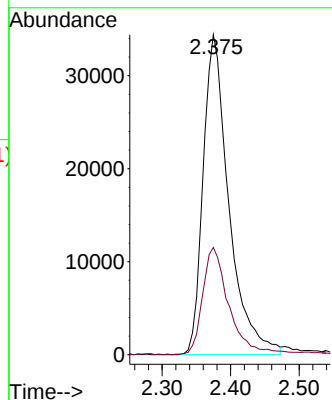


#5
 Vinyl chloride
 Concen: 23.408 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029481.D
 Acq: 09 Jul 2024 09:55

Instrument :
 MSVOA_W
 ClientSampleId :

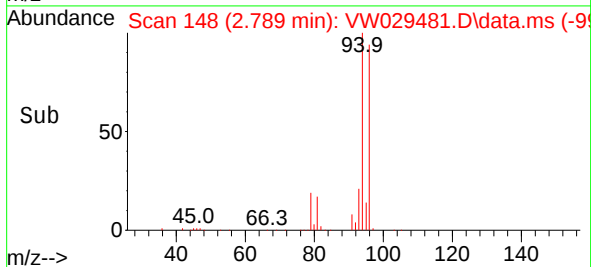
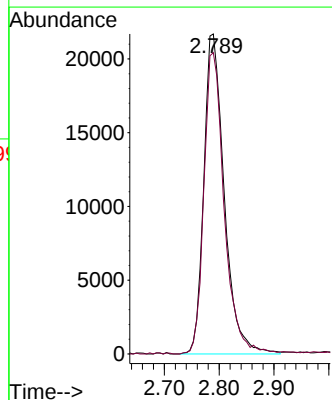
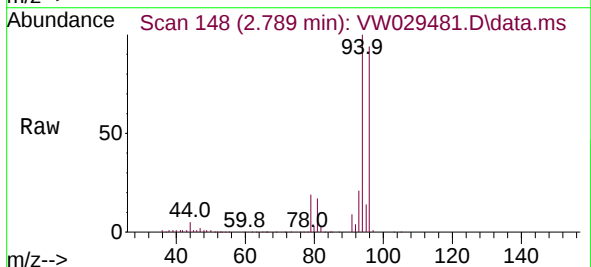


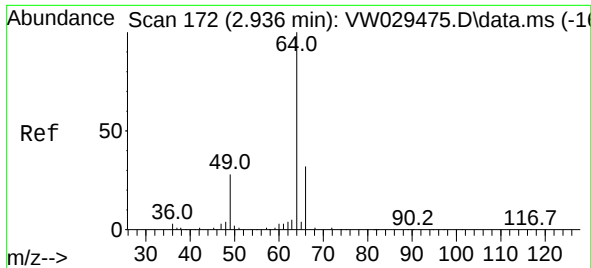
Tgt Ion: 62 Resp: 89923
 Ion Ratio Lower Upper
 62 100
 64 33.5 25.1 46.5



#6
 Bromomethane
 Concen: 24.650 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029481.D
 Acq: 09 Jul 2024 09:55

Tgt Ion: 94 Resp: 56070
 Ion Ratio Lower Upper
 94 100
 96 94.2 61.7 114.7

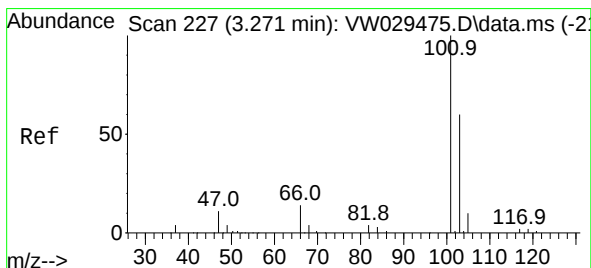
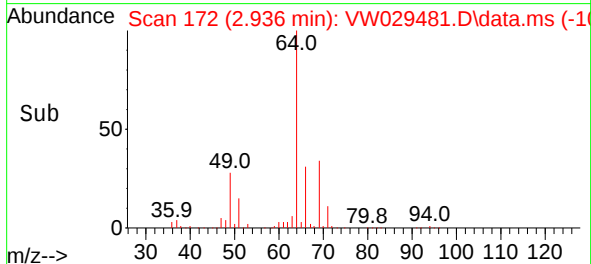
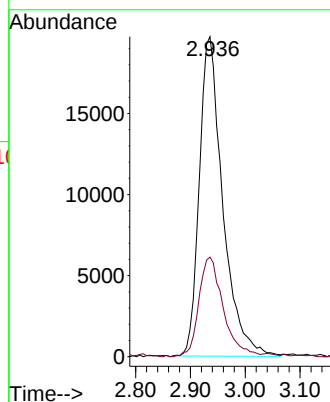
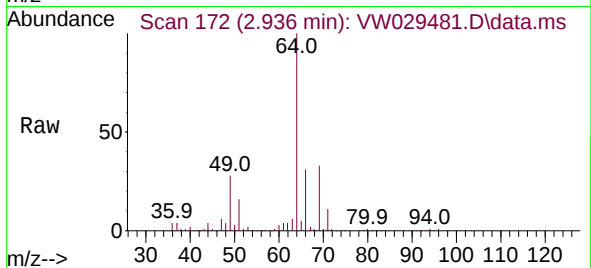




#8
Chloroethane
Concen: 24.736 ug/L
RT: 2.936 min Scan# 172
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

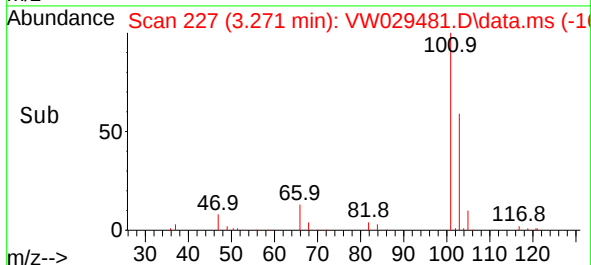
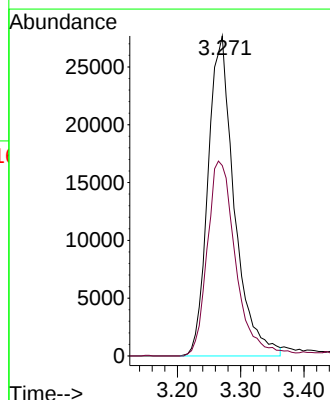
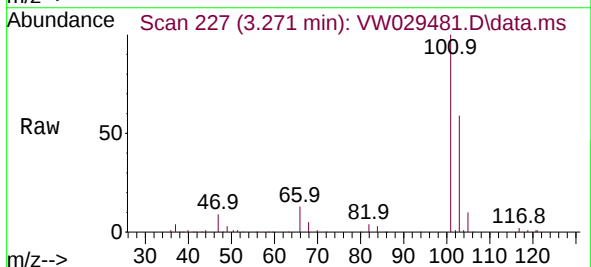
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MSVOA_W
ClientSampleId :

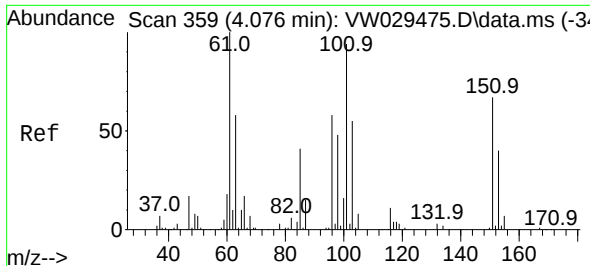
Tgt Ion: 64 Resp: 58472
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 23.133 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:101 Resp: 79996
Ion Ratio Lower Upper
101 100
103 64.3 49.6 74.4





#10

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

Concen: 23.132 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

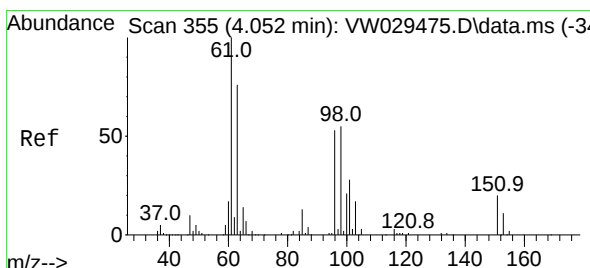
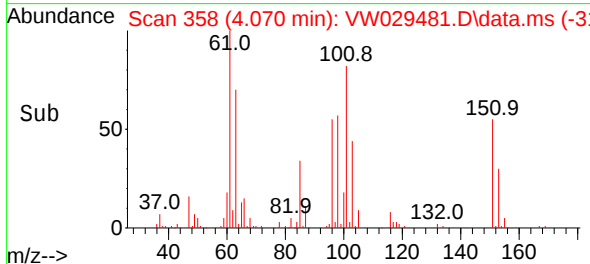
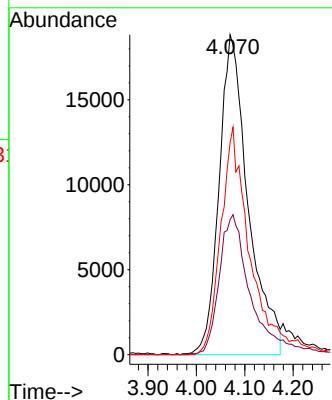
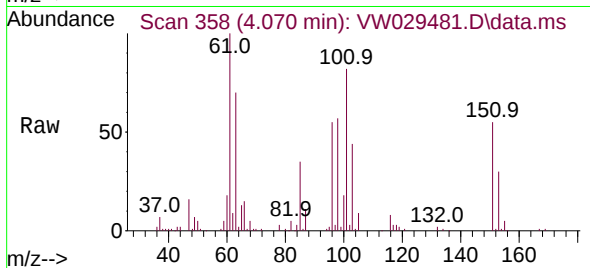
Tgt Ion:101 Resp: 78723

Ion Ratio Lower Upper

101 100

85 45.9 33.8 50.8

151 65.1 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.413 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

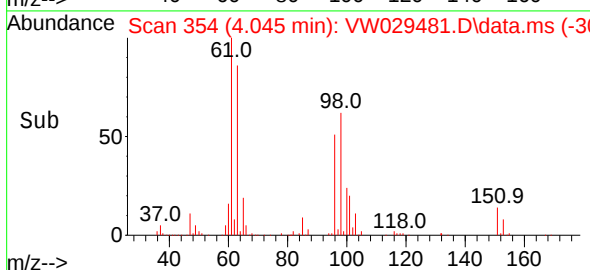
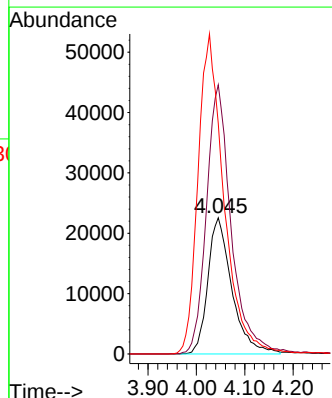
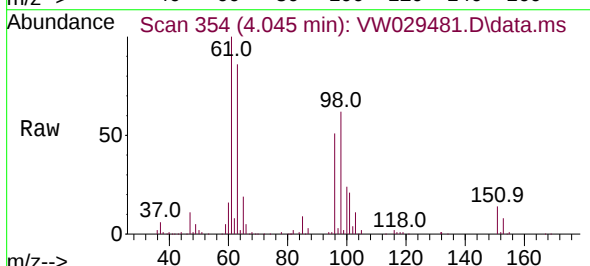
Tgt Ion: 96 Resp: 78007

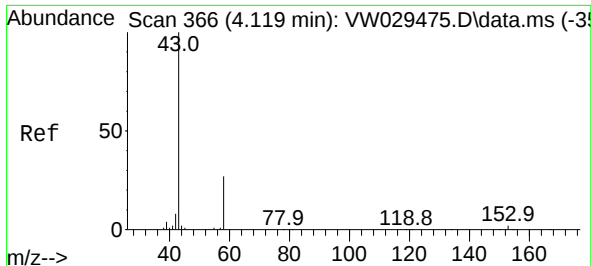
Ion Ratio Lower Upper

96 100

61 197.7 132.4 245.8

63 169.3 108.4 201.2

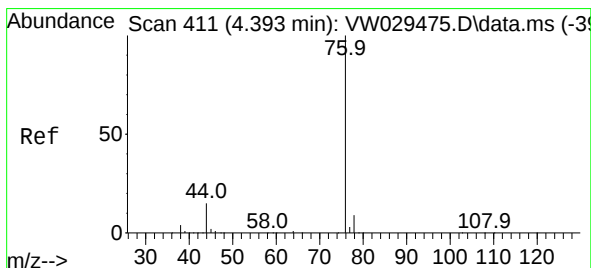
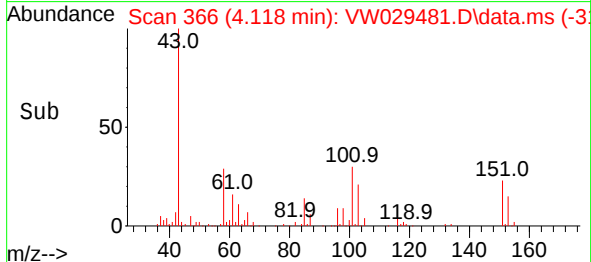
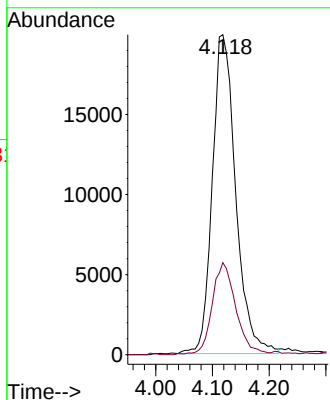
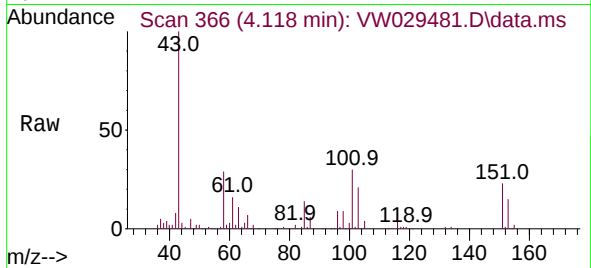




#13
Acetone
Concen: 45.396 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029481.D
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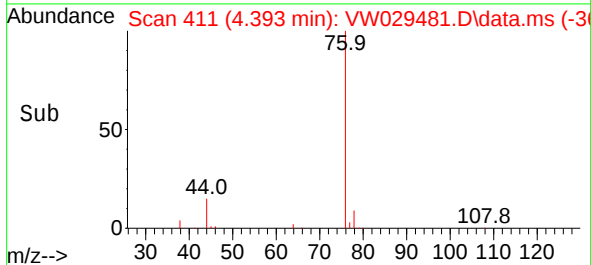
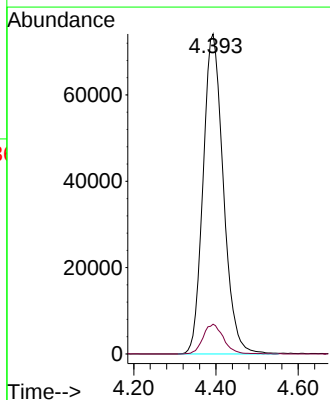
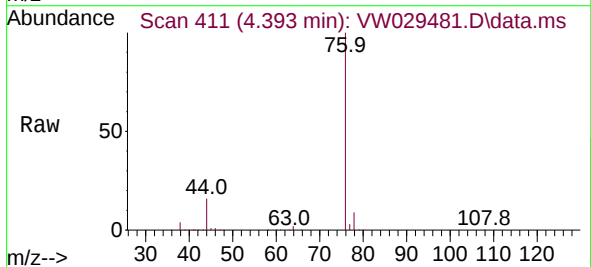
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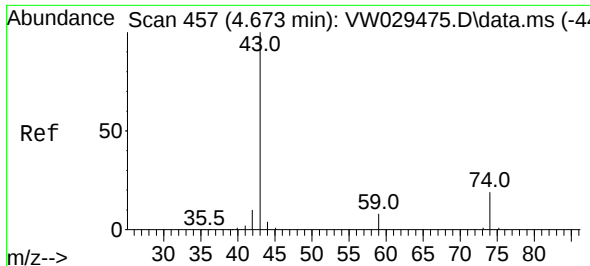
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Ion Ratio Lower Upper
43 100
58 29.0 0.0 55.6



#14
Carbon disulfide
Concen: 24.458 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 253802
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

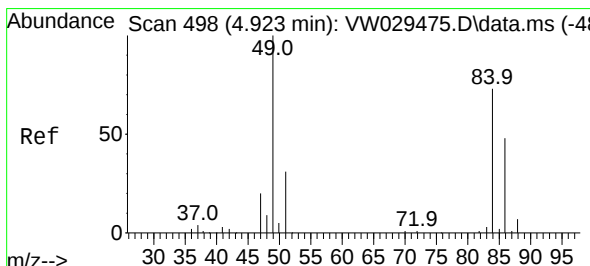
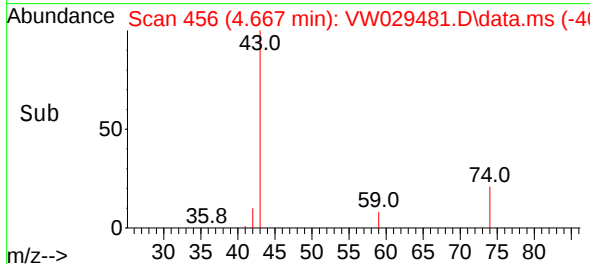
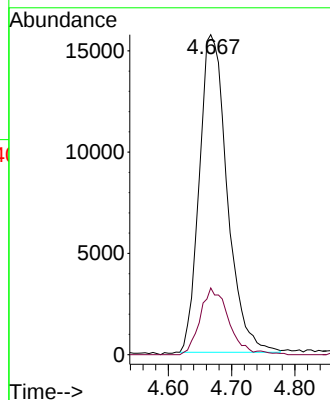
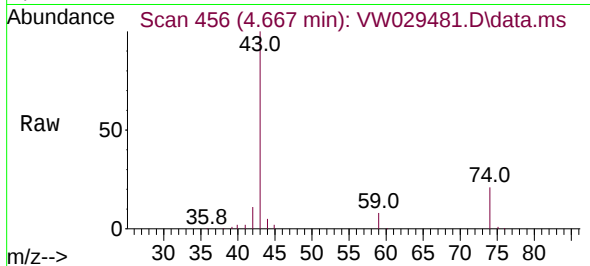




#15
Methyl Acetate
Concen: 21.781 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

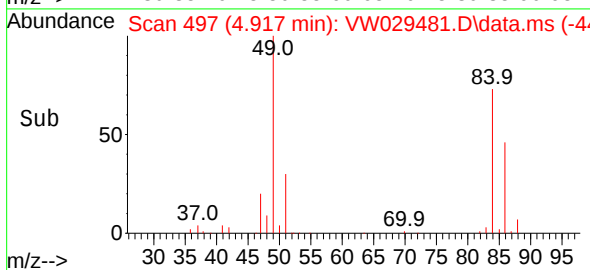
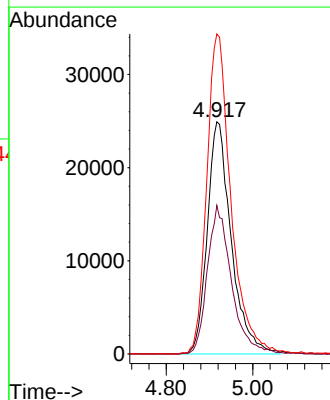
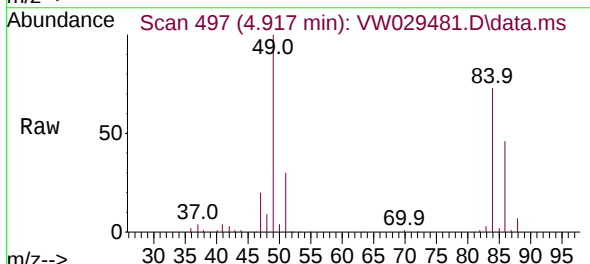
Instrument :
MSVOA_W
ClientSampleId :

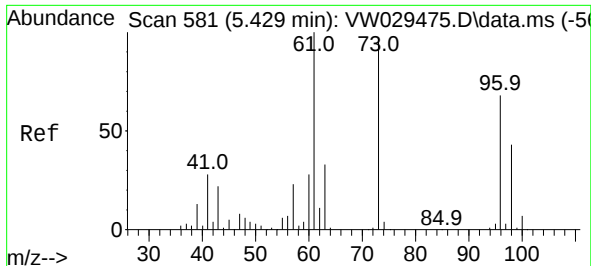
Tgt Ion: 43 Resp: 48092
Ion Ratio Lower Upper
43 100
74 20.9 16.2 24.4



#16
Methylene chloride
Concen: 20.825 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion: 84 Resp: 95798
Ion Ratio Lower Upper
84 100
86 64.0 46.2 85.8
49 137.8 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 24.915 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

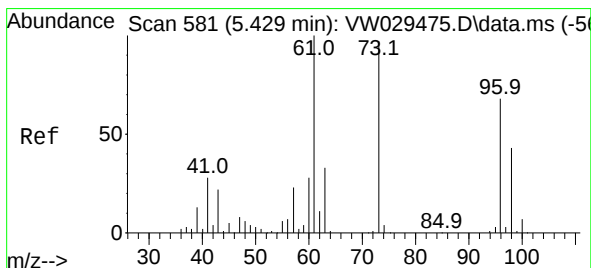
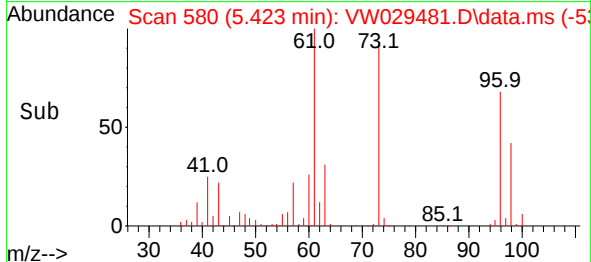
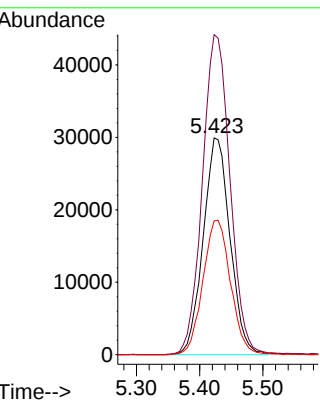
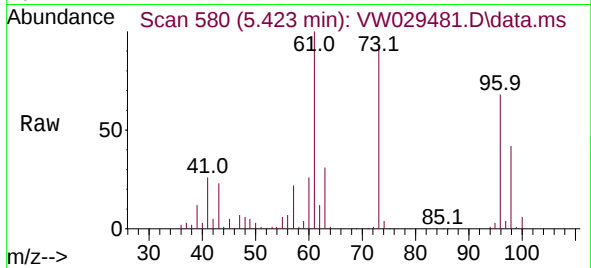
Tgt Ion: 96 Resp: 88130

Ion Ratio Lower Upper

96 100

61 147.6 102.9 191.1

98 61.7 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 23.644 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

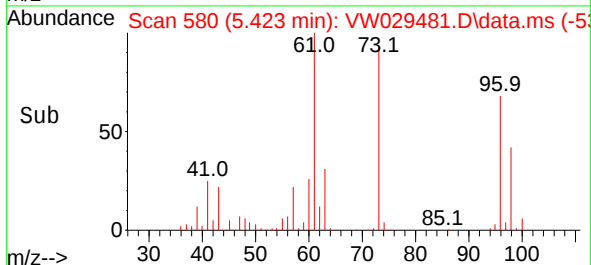
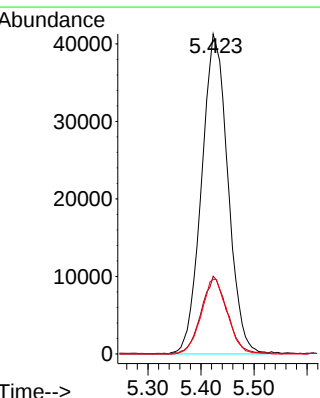
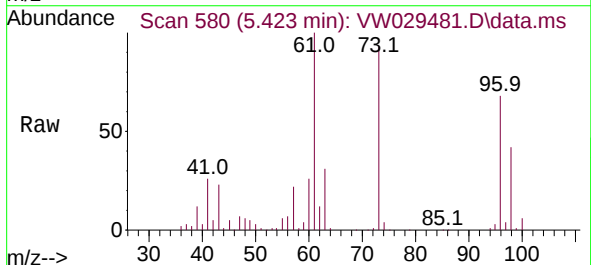
Tgt Ion: 73 Resp: 142302

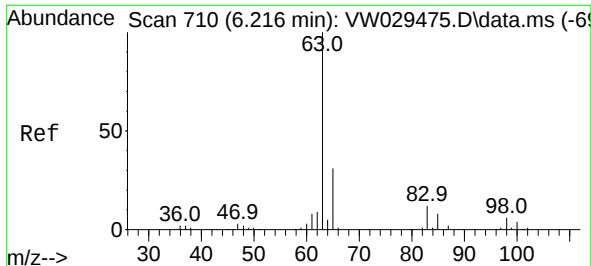
Ion Ratio Lower Upper

73 100

43 24.0 18.7 28.1

57 23.3 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.741 ug/L

RT: 6.215 min Scan# 710

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

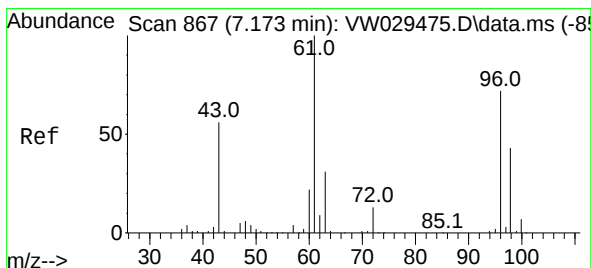
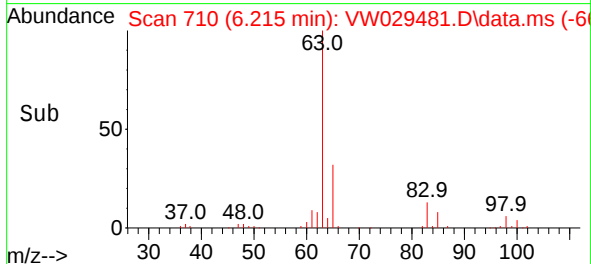
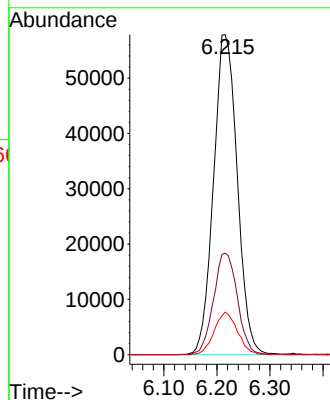
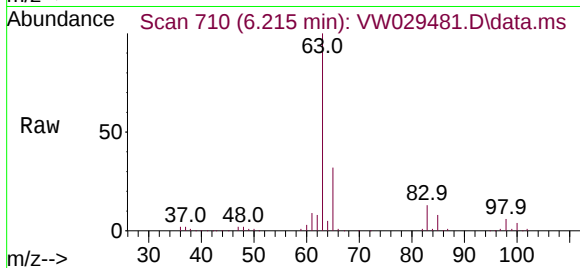
Tgt Ion: 63 Resp: 179724

Ion Ratio Lower Upper

63 100

65 31.7 21.5 39.9

83 13.3 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.039 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

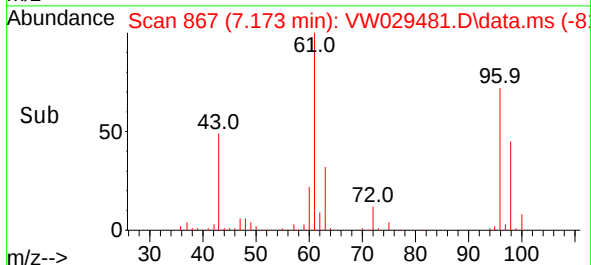
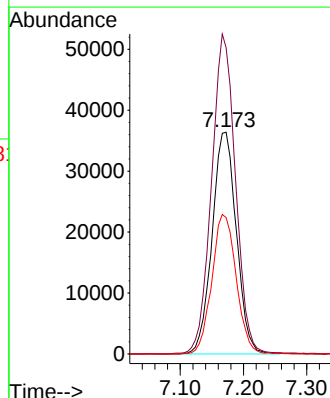
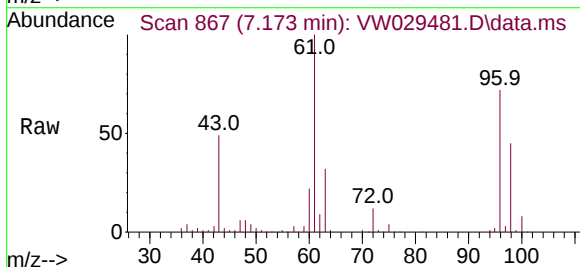
Tgt Ion: 96 Resp: 96852

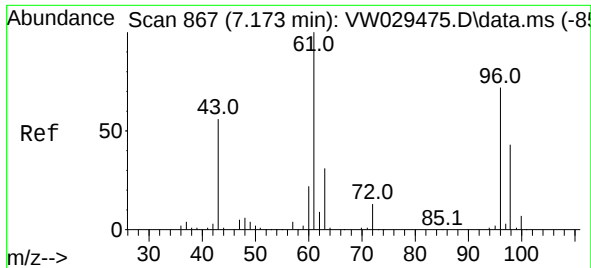
Ion Ratio Lower Upper

96 100

61 138.1 97.4 180.8

98 61.5 41.6 77.2





#22

2-Butanone

Concen: 43.067 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

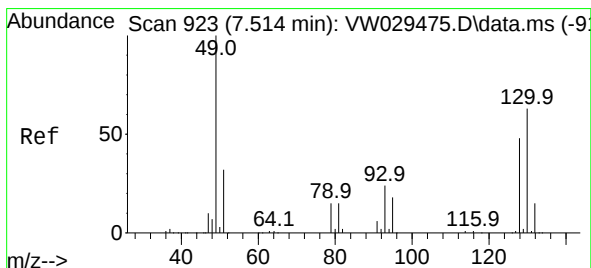
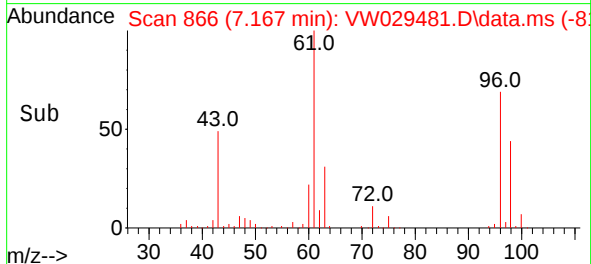
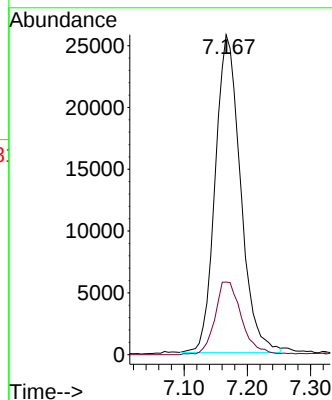
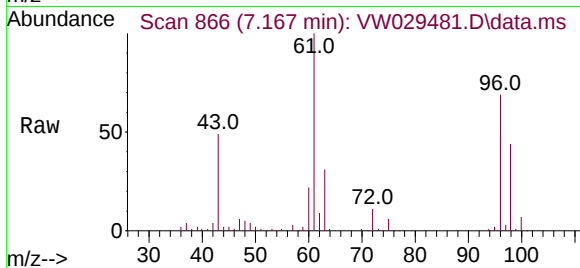
ClientSampleId :

Tgt Ion: 43 Resp: 71102

Ion Ratio Lower Upper

43 100

72 23.9 12.0 36.1



#23

Bromochloromethane

Concen: 24.108 ug/L

RT: 7.508 min Scan# 922

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Tgt Ion: 128 Resp: 41944

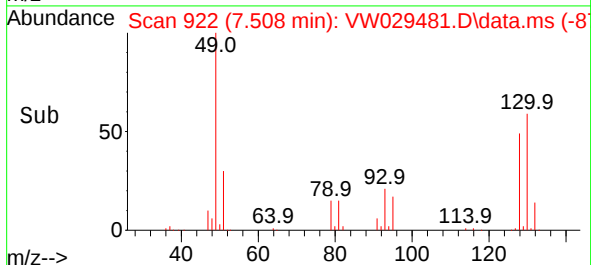
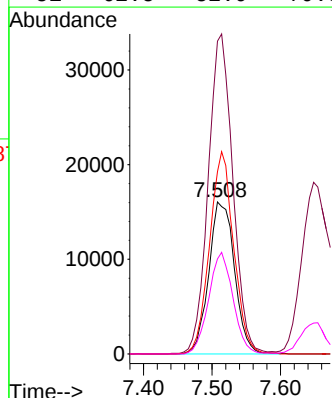
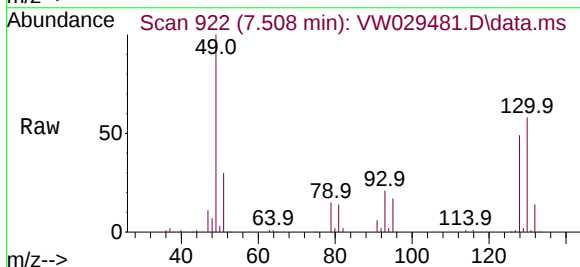
Ion Ratio Lower Upper

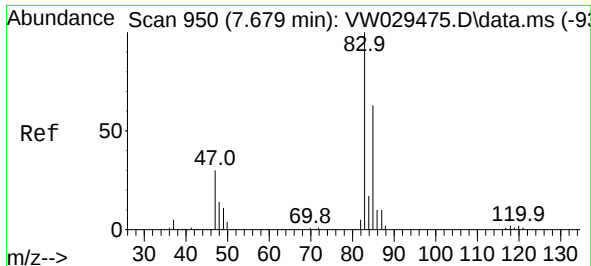
128 100

49 205.7 146.2 271.4

130 119.9 91.9 170.7

51 62.5 52.9 79.3





#25

Chloroform

Concen: 25.107 ug/L

RT: 7.673 min Scan# 949

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

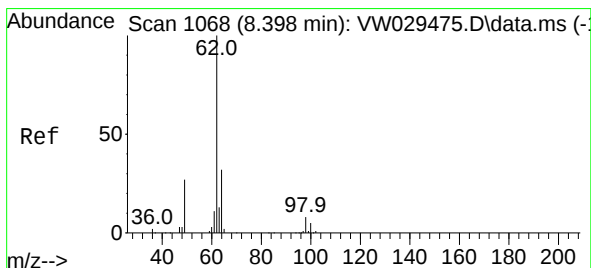
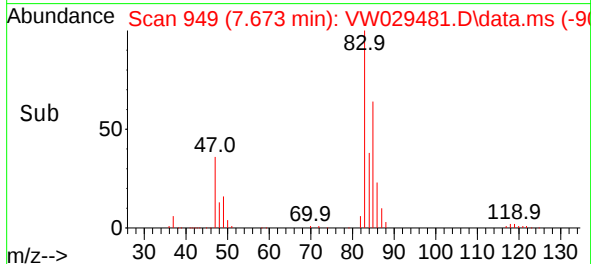
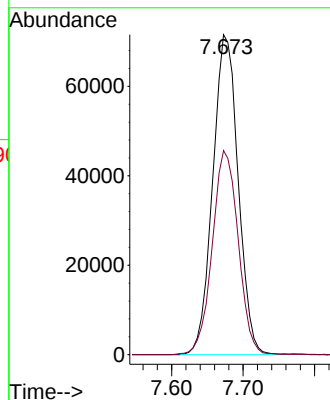
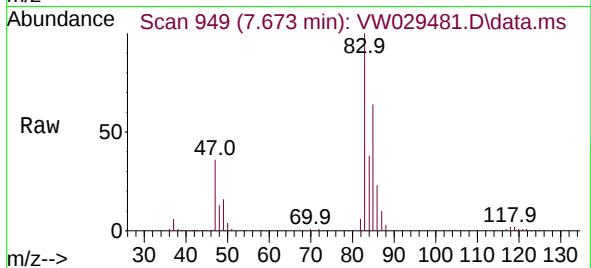
ClientSampleId :

Tgt Ion: 83 Resp: 176471

Ion Ratio Lower Upper

83 100

85 63.8 44.1 81.9



#27

1,2-Dichloroethane

Concen: 23.820 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029481.D

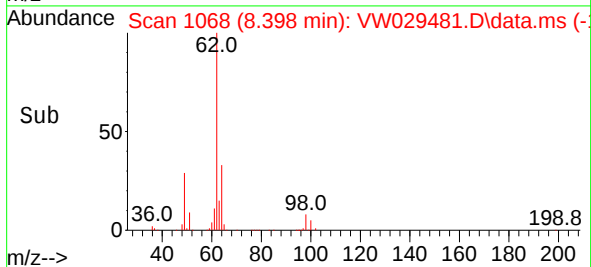
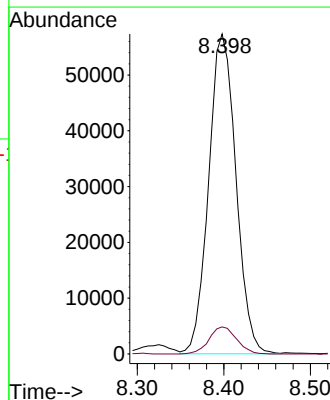
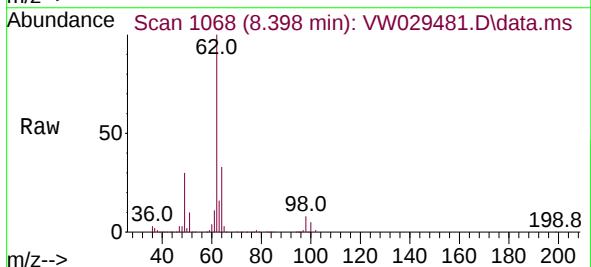
Acq: 09 Jul 2024 09:55

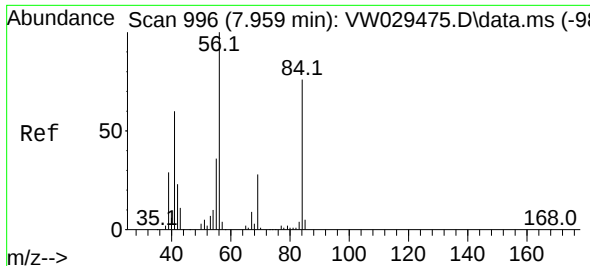
Tgt Ion: 62 Resp: 125576

Ion Ratio Lower Upper

62 100

98 8.4 6.0 9.0





#29

Cyclohexane

Concen: 25.353 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

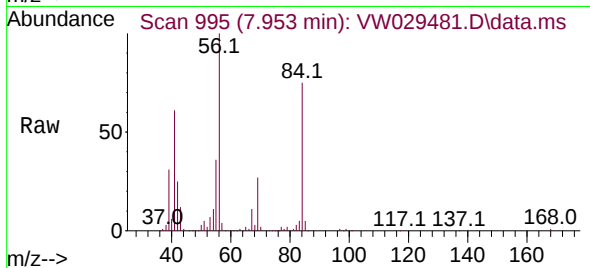
Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :



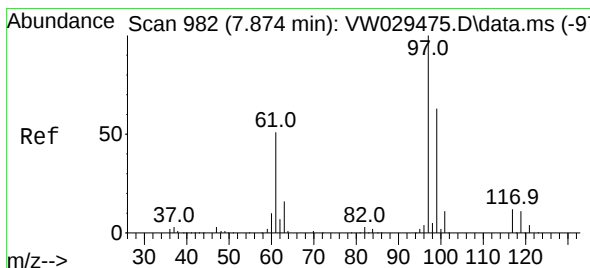
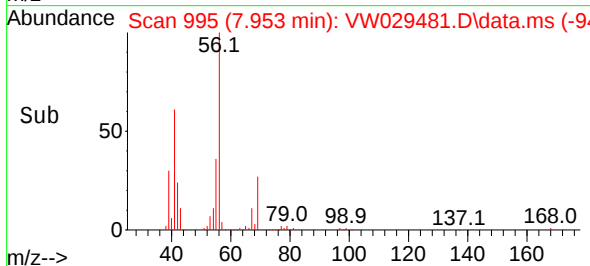
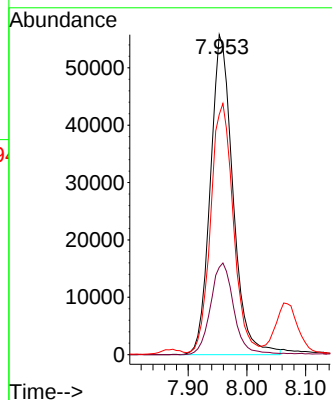
Tgt Ion: 56 Resp: 148805

Ion Ratio Lower Upper

56 100

69 29.4 23.3 34.9

84 78.9 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 25.849 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

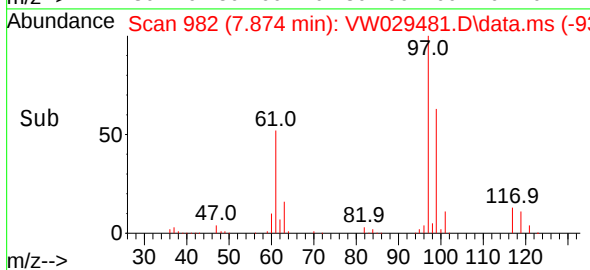
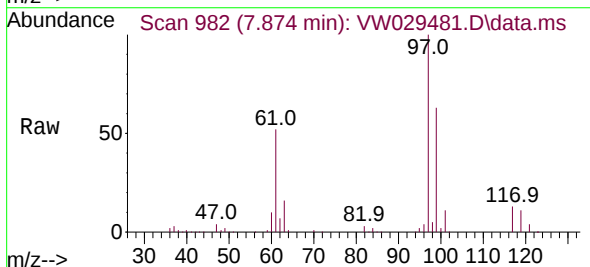
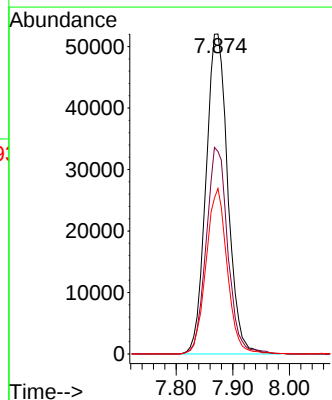
Tgt Ion: 97 Resp: 139132

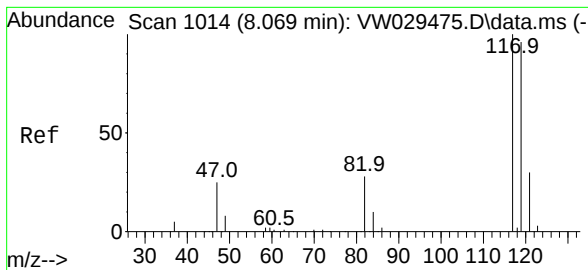
Ion Ratio Lower Upper

97 100

99 64.0 51.1 76.7

61 50.0 40.6 61.0

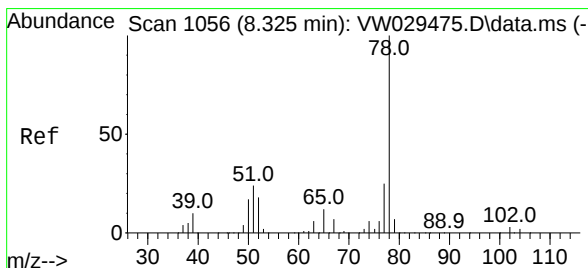
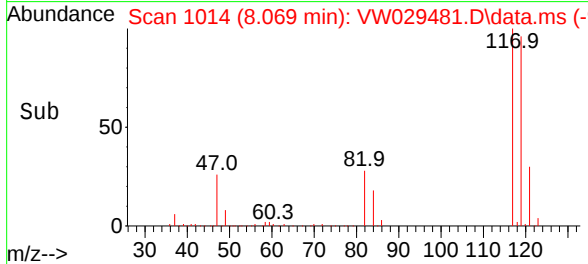
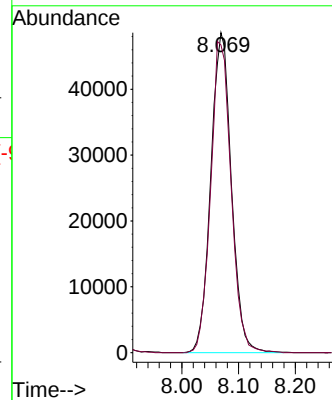
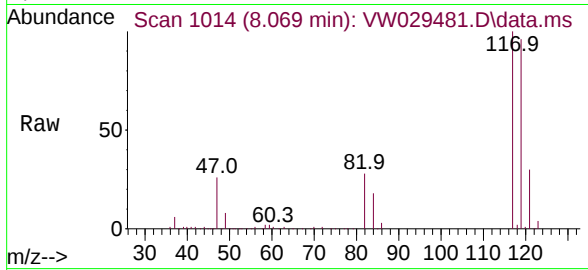




#31
Carbon tetrachloride
Concen: 24.940 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

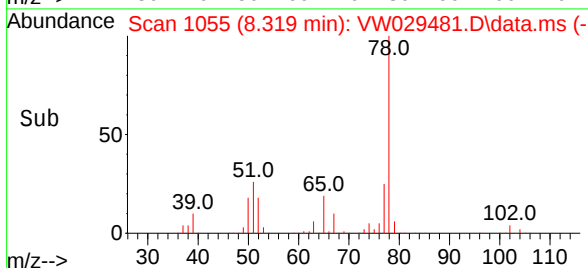
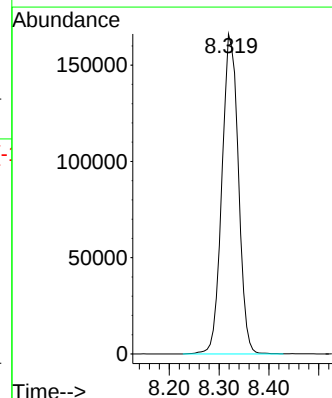
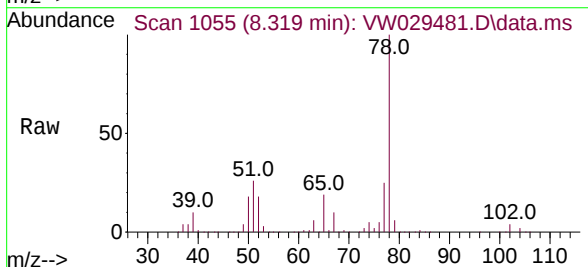
Instrument :
MSVOA_W
ClientSampleId :

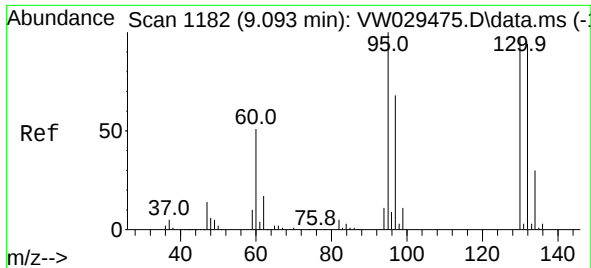
Tgt Ion:117 Resp: 122938
Ion Ratio Lower Upper
117 100
119 96.4 77.0 115.6



#33
Benzene
Concen: 25.861 ug/L
RT: 8.319 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

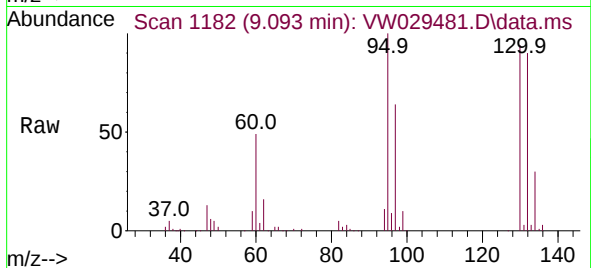
Tgt Ion: 78 Resp: 381383



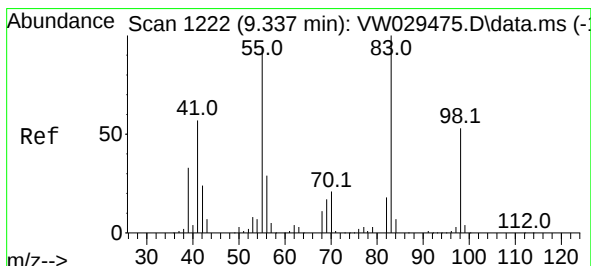
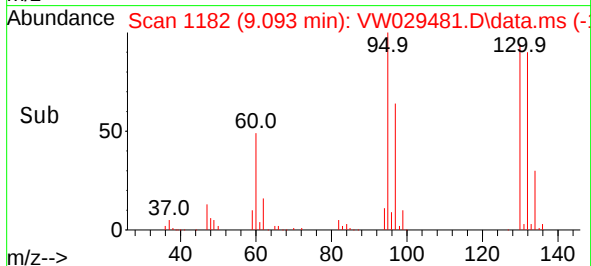
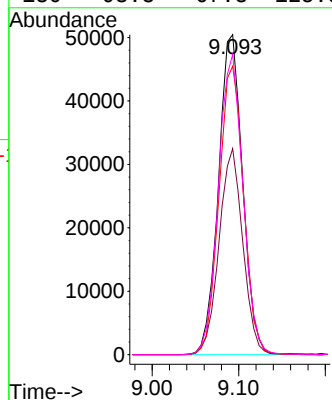


#34
Trichloroethene
Concen: 25.153 ug/L
RT: 9.093 min Scan# 1182
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Instrument :
MSVOA_W
ClientSampleId :

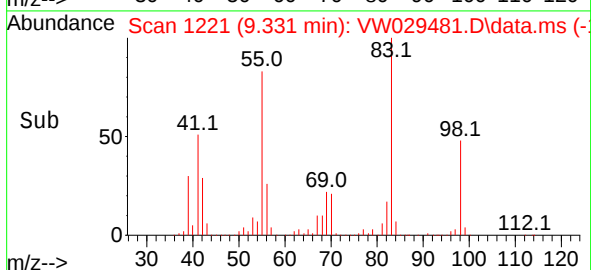
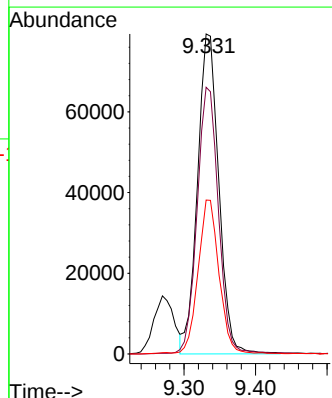
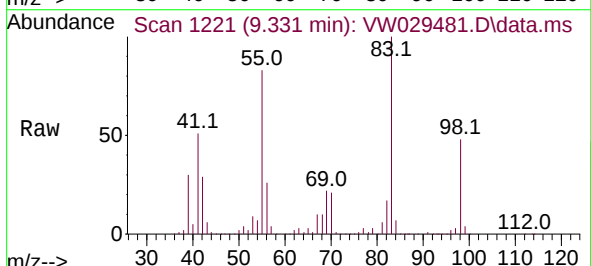


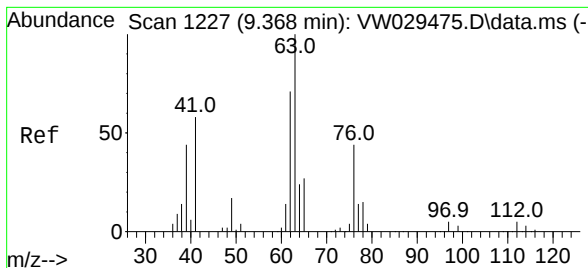
Tgt Ion:	95	Resp:	97957
Ion Ratio	100	Lower	Upper
95	100		
97	64.4	47.3	87.9
132	90.2	65.8	122.2
130	93.8	67.8	125.8



#35
Methylcyclohexane
Concen: 26.160 ug/L
RT: 9.331 min Scan# 1221
Delta R.T. -0.006 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:	83	Resp:	163751
Ion Ratio	100	Lower	Upper
83	100		
55	83.3	69.6	104.4
98	47.0	38.3	57.5





#37

1,2-Dichloropropane

Concen: 25.608 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

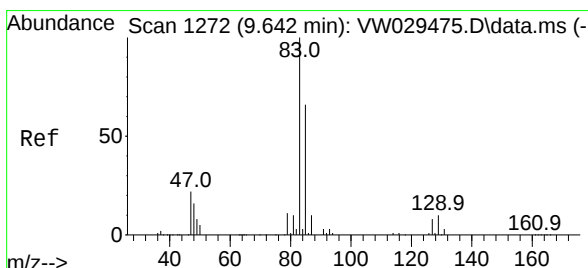
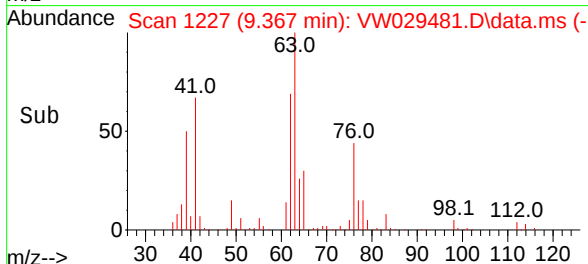
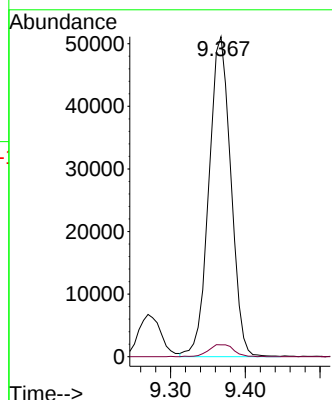
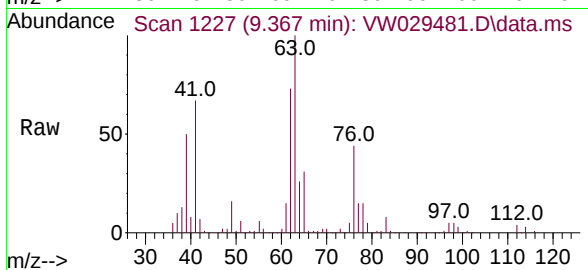
ClientSampleId :

Tgt Ion: 63 Resp: 104432

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 24.919 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

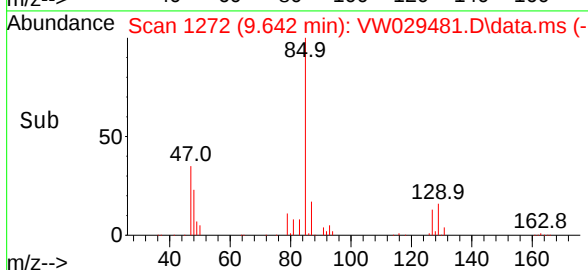
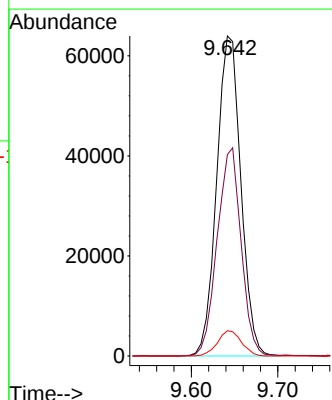
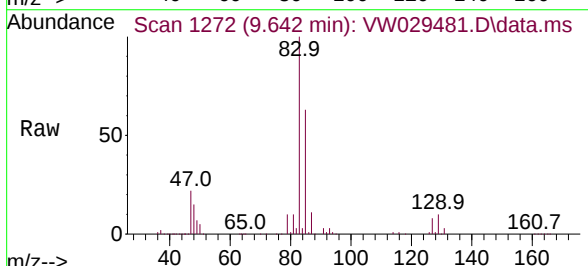
Tgt Ion: 83 Resp: 124126

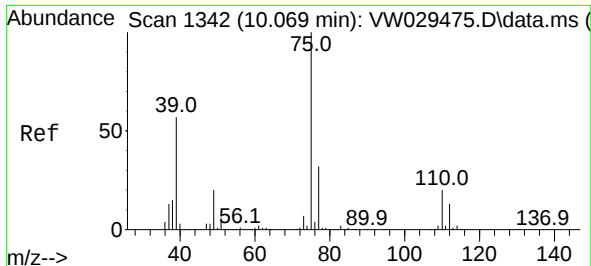
Ion Ratio Lower Upper

83 100

85 62.9 46.1 85.5

127 7.9 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.510 ug/L

RT: 10.068 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

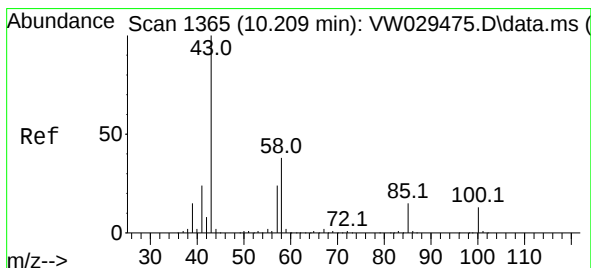
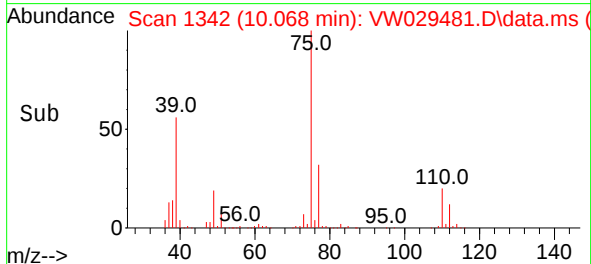
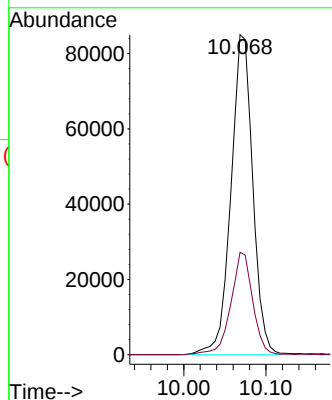
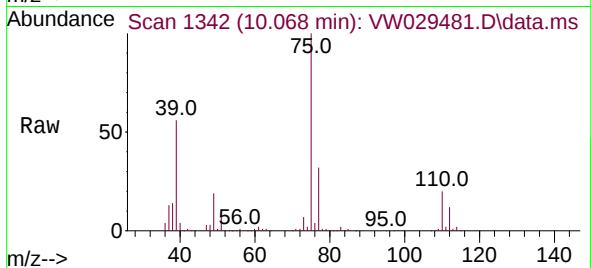
ClientSampleId :

Tgt Ion: 75 Resp: 156255

Ion Ratio Lower Upper

75 100

77 32.0 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 48.100 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

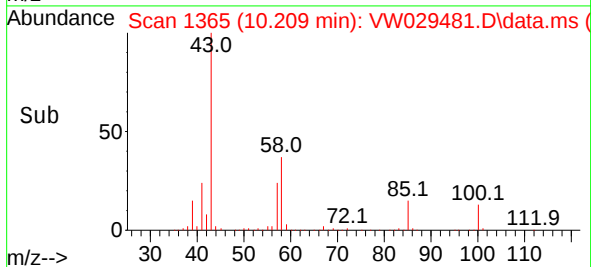
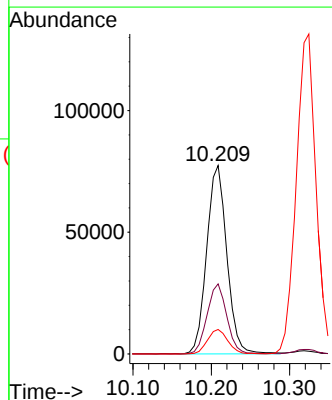
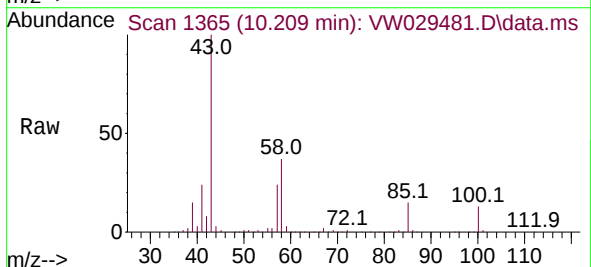
Tgt Ion: 43 Resp: 138244

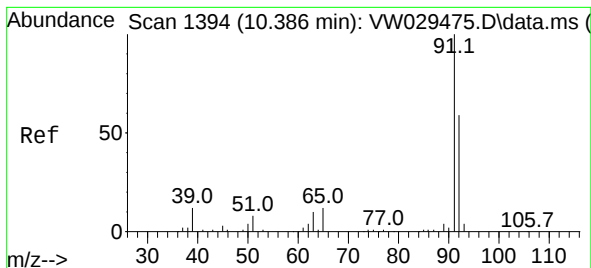
Ion Ratio Lower Upper

43 100

58 36.4 29.0 43.6

100 13.0 10.5 15.7





#42

Toluene

Concen: 26.671 ug/L

RT: 10.385 min Scan# 1394

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

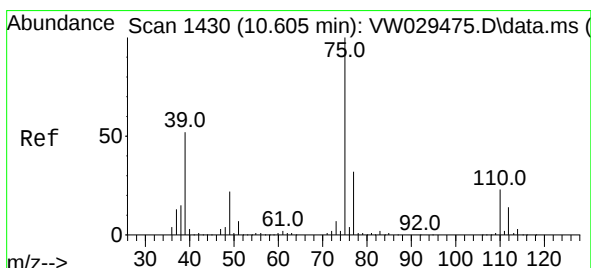
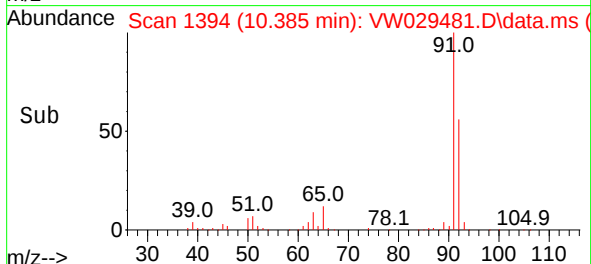
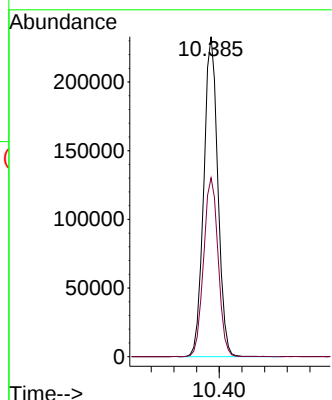
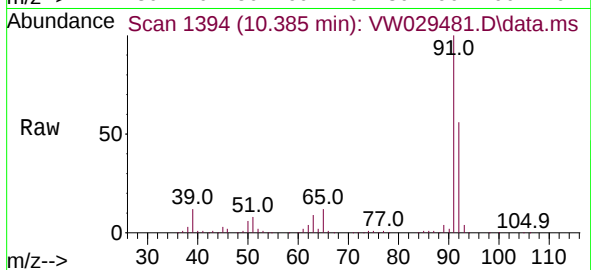
ClientSampleId :

Tgt Ion: 91 Resp: 402384

Ion Ratio Lower Upper

91 100

92 55.9 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 24.873 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VW029481.D

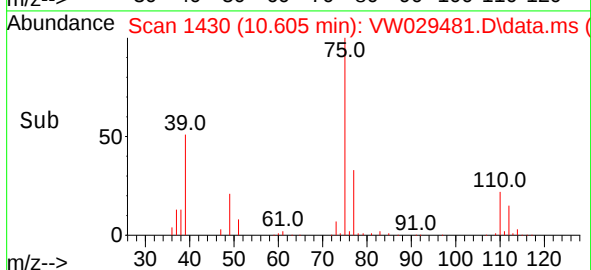
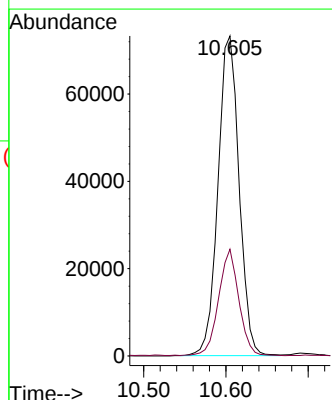
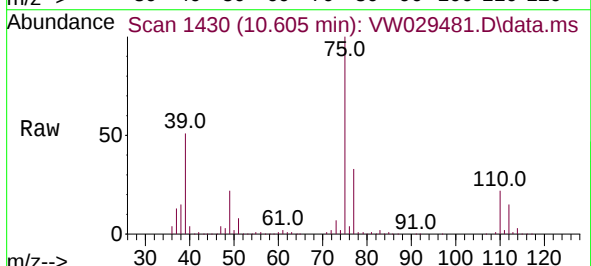
Acq: 09 Jul 2024 09:55

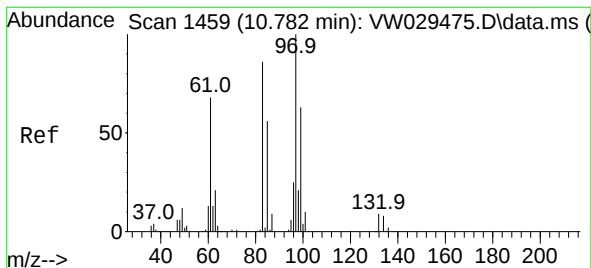
Tgt Ion: 75 Resp: 130580

Ion Ratio Lower Upper

75 100

77 33.4 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 24.633 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 72245

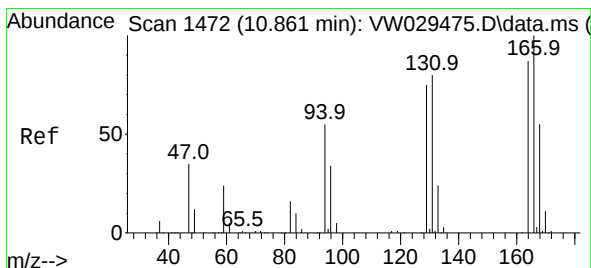
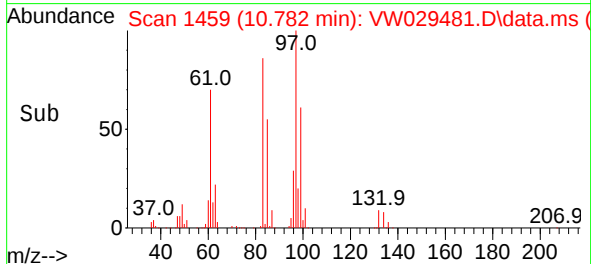
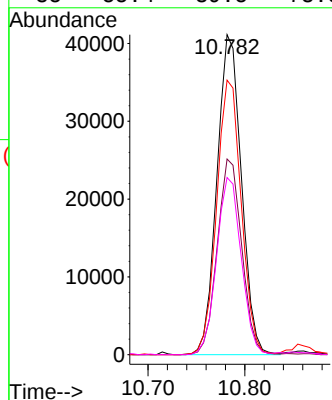
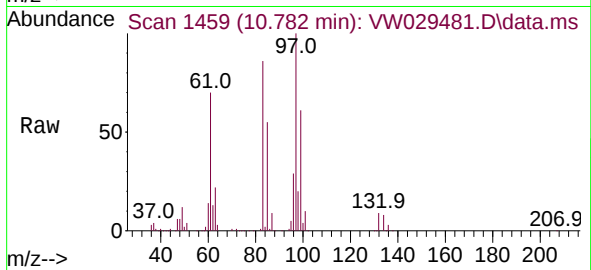
Ion Ratio Lower Upper

97 100

99 61.2 43.8 81.4

83 85.8 60.3 111.9

85 55.4 39.5 73.3



#46

Tetrachloroethene

Concen: 24.497 ug/L

RT: 10.855 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Tgt Ion:164 Resp: 67779

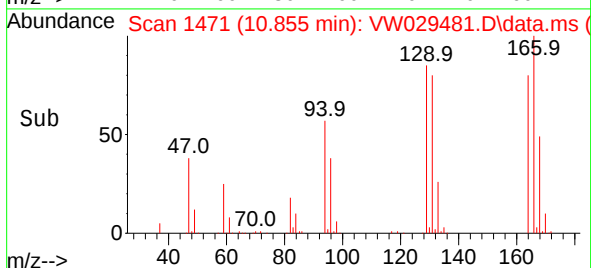
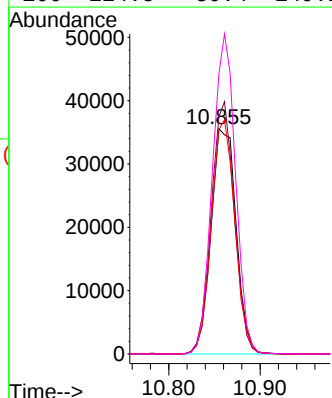
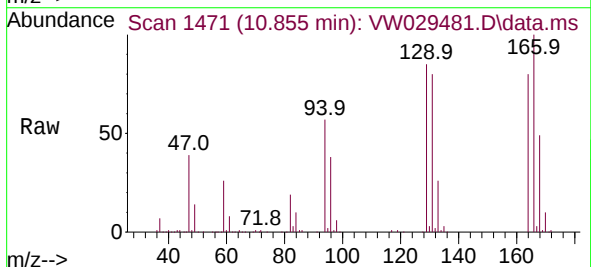
Ion Ratio Lower Upper

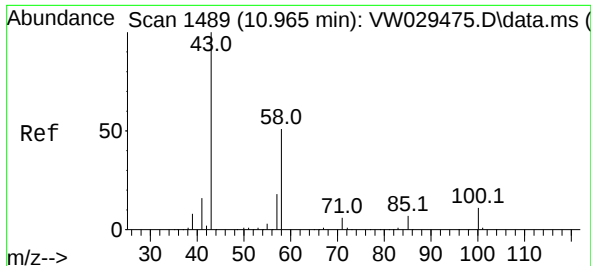
164 100

129 105.4 60.0 111.4

131 99.6 64.6 120.0

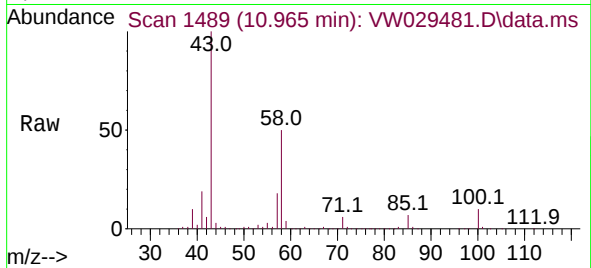
166 124.5 80.4 149.2



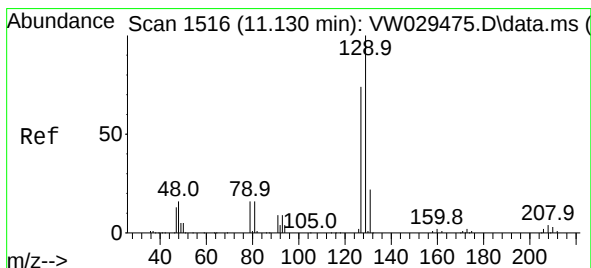
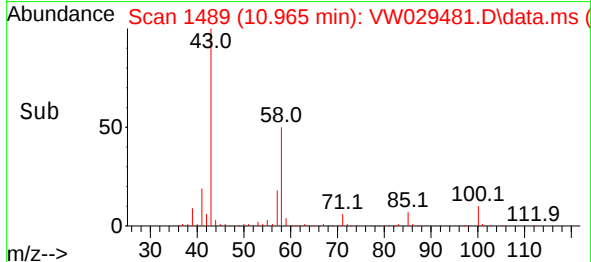
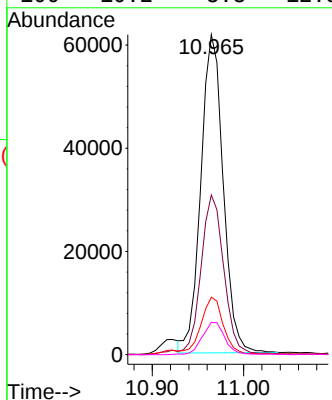


#48
2-Hexanone
Concen: 48.513 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Instrument :
MSVOA_W
ClientSampleId :

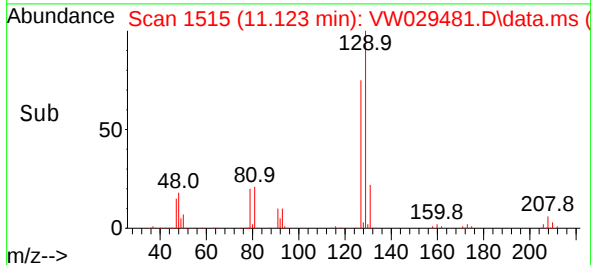
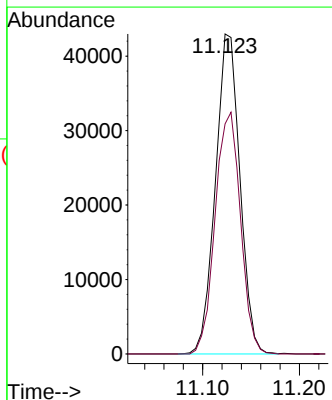
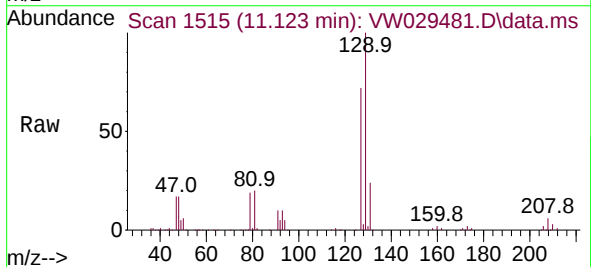


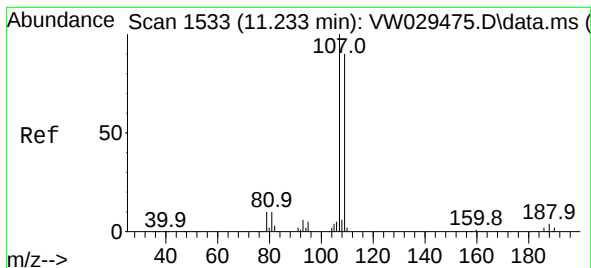
Tgt Ion:	43	Resp:	104749
Ion	Ratio	Lower	Upper
43	100		
58	50.0	39.8	59.8
57	17.8	14.6	21.8
100	10.2	8.3	12.5



#49
Dibromochloromethane
Concen: 24.777 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:	129	Resp:	75624
Ion	Ratio	Lower	Upper
129	100		
127	71.9	51.9	96.3





#50

1,2-Dibromoethane

Concen: 23.819 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029481.D

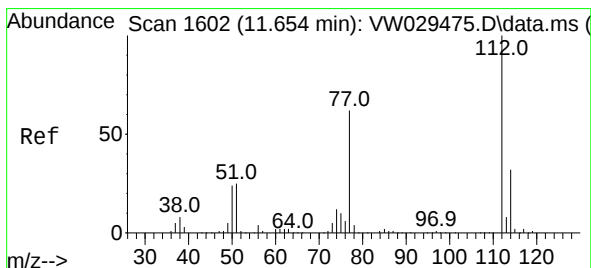
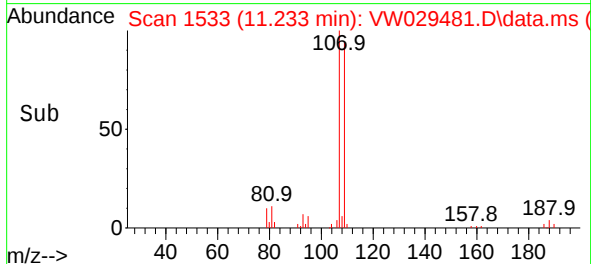
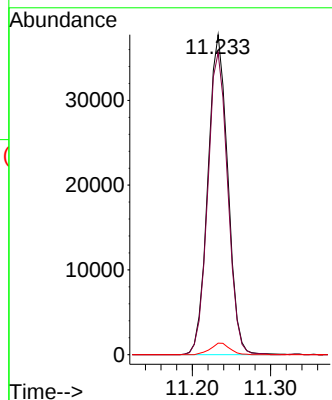
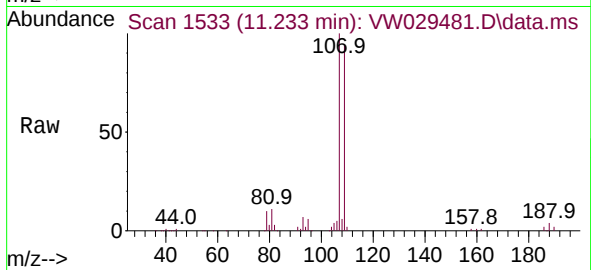
Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	66572
Ion	Ratio	Lower	Upper
107	100		
109	94.4	63.2	117.4
188	3.6	2.9	4.3



#51

Chlorobenzene

Concen: 25.136 ug/L

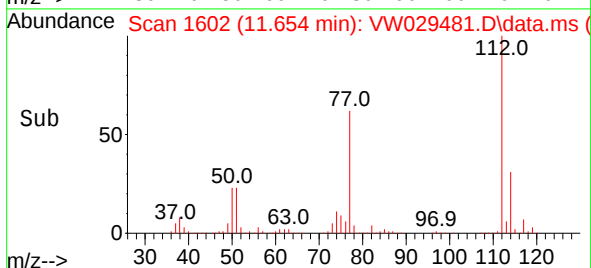
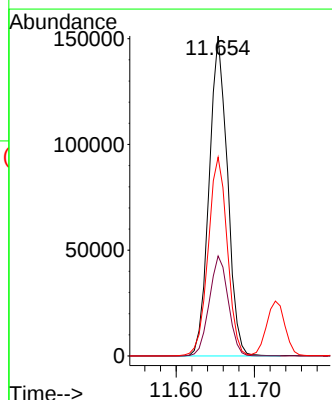
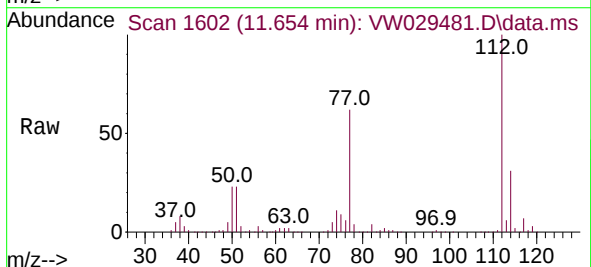
RT: 11.654 min Scan# 1602

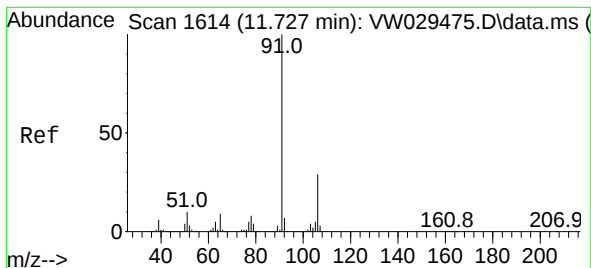
Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Tgt Ion:	112	Resp:	245152
Ion	Ratio	Lower	Upper
112	100		
114	31.3	22.6	42.0
77	62.1	49.9	74.9





#52

Ethylbenzene

Concen: 25.990 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

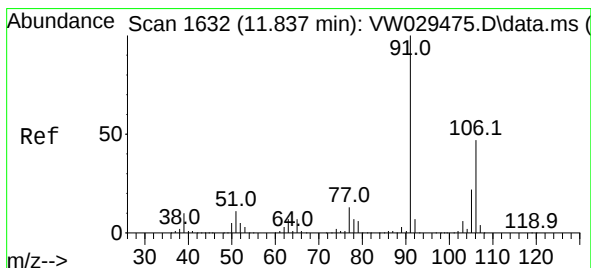
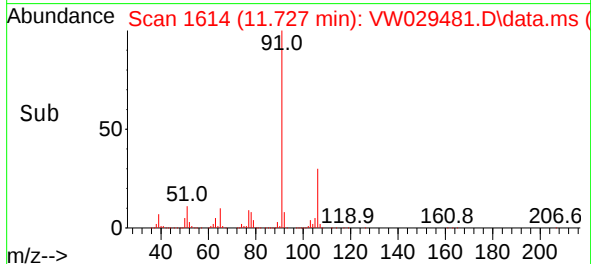
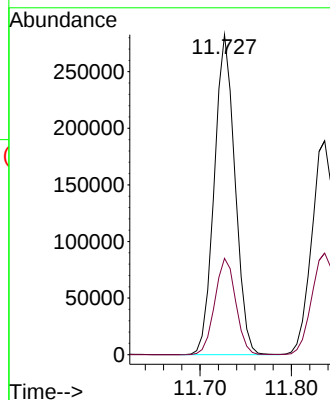
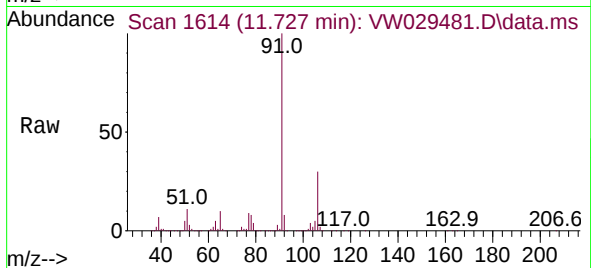
ClientSampleId :

Tgt Ion: 91 Resp: 444253

Ion Ratio Lower Upper

91 100

106 30.1 20.2 37.6



#53

m,p-Xylene

Concen: 26.728 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029481.D

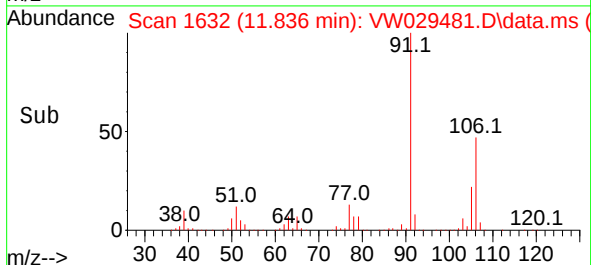
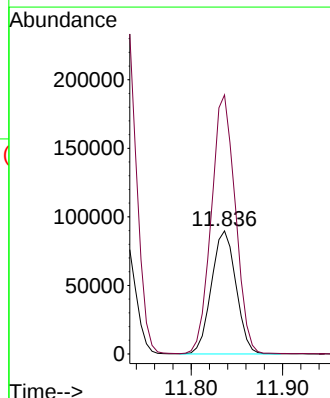
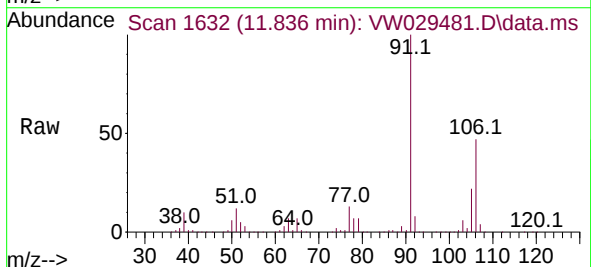
Acq: 09 Jul 2024 09:55

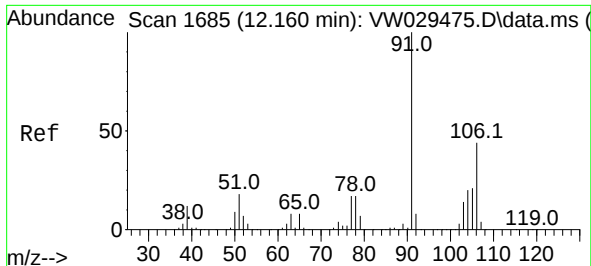
Tgt Ion:106 Resp: 167718

Ion Ratio Lower Upper

106 100

91 210.7 149.3 277.3

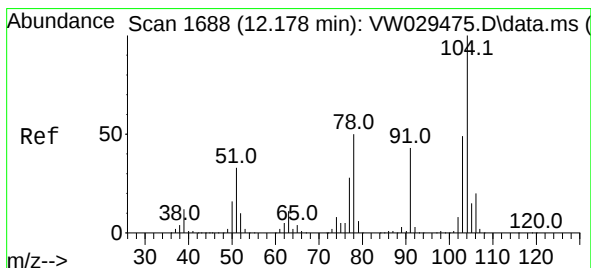
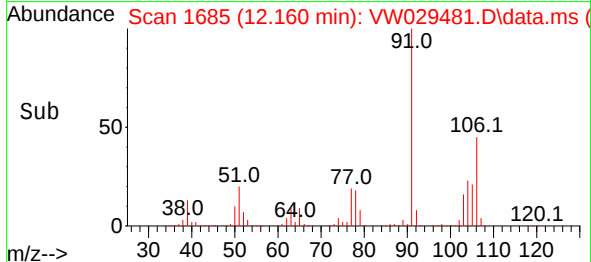
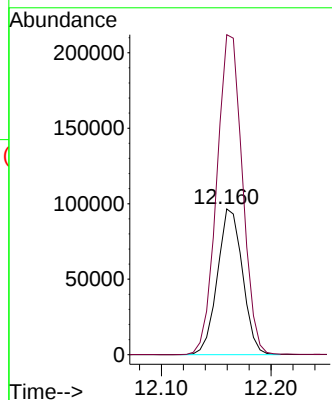
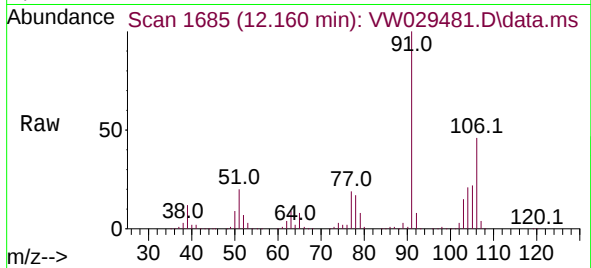




#54
o-Xylene
Concen: 26.522 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

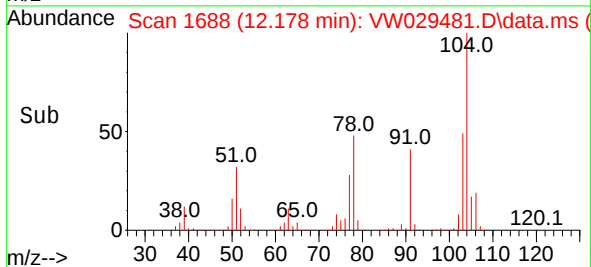
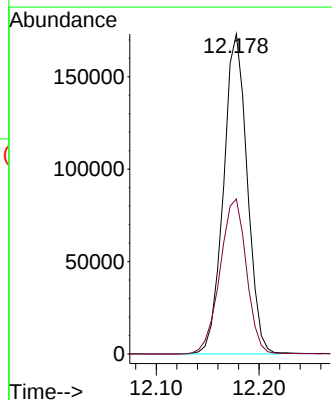
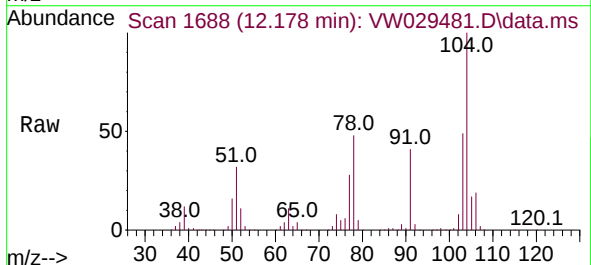
Instrument :
MSVOA_W
ClientSampleId :

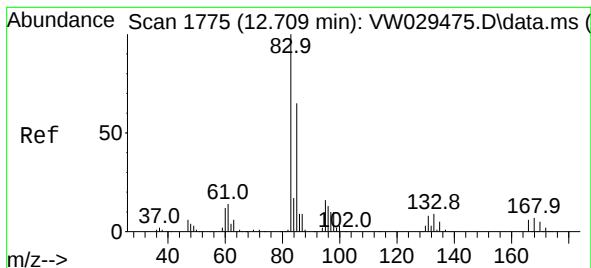
Tgt Ion:106 Resp: 153925
Ion Ratio Lower Upper
106 100
91 219.6 159.2 295.6



#55
Styrene
Concen: 27.179 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:104 Resp: 277374
Ion Ratio Lower Upper
104 100
78 48.5 34.7 64.5





#57

1,1,2-Tetrachloroethane

Concen: 24.254 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

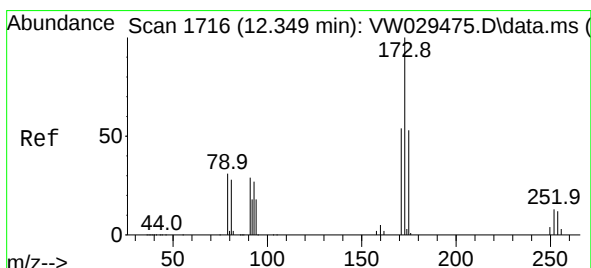
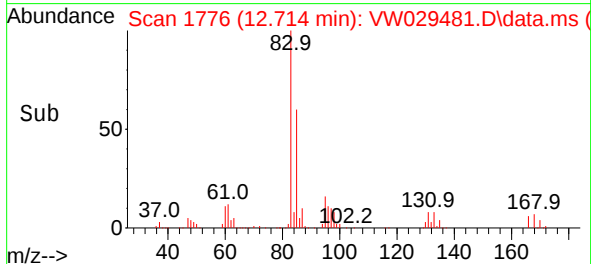
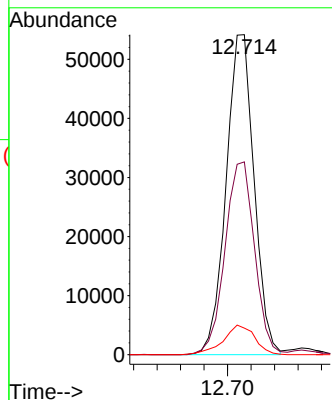
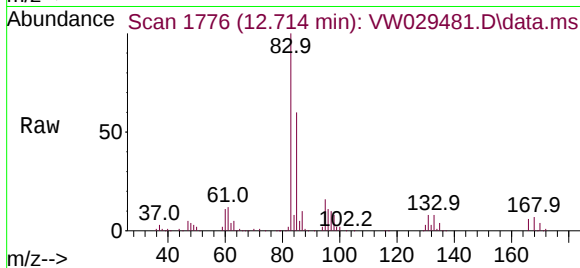
Tgt Ion: 83 Resp: 89728

Ion Ratio Lower Upper

83 100

85 60.2 45.4 84.4

131 8.3 6.4 9.6



#59

Bromoform

Concen: 24.387 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

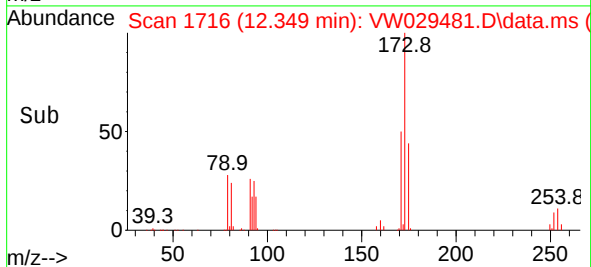
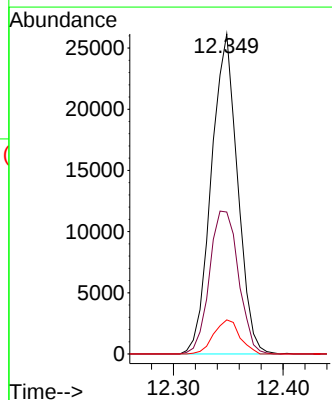
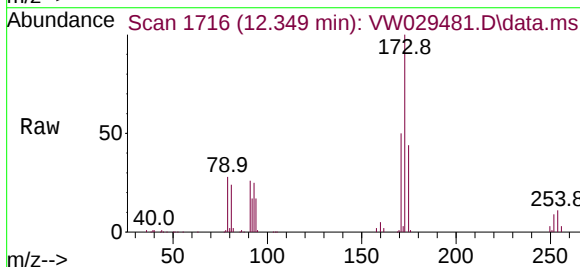
Tgt Ion:173 Resp: 43502

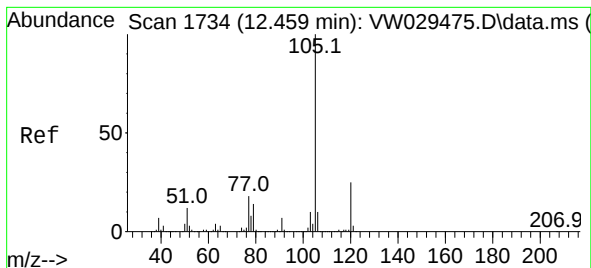
Ion Ratio Lower Upper

173 100

175 49.4 40.4 60.6

254 10.6 8.8 13.2





#60

Isopropylbenzene

Concen: 26.393 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

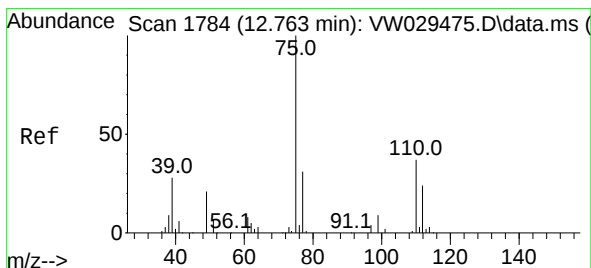
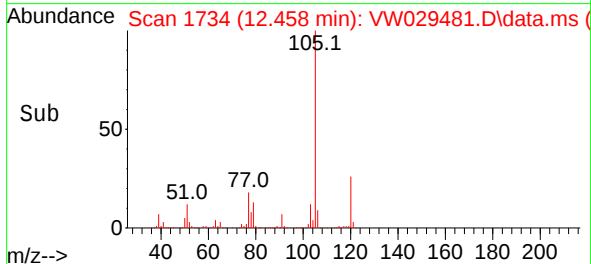
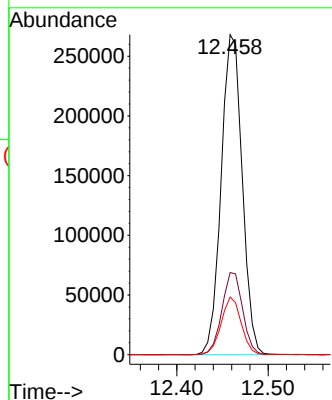
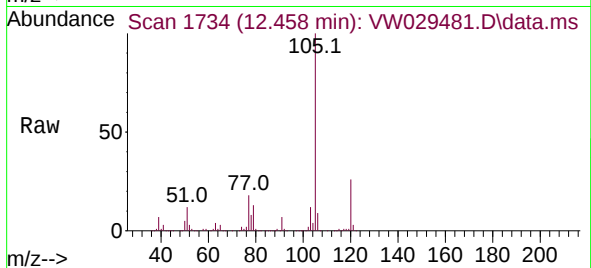
Tgt Ion:105 Resp: 429134

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 17.2 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 23.247 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

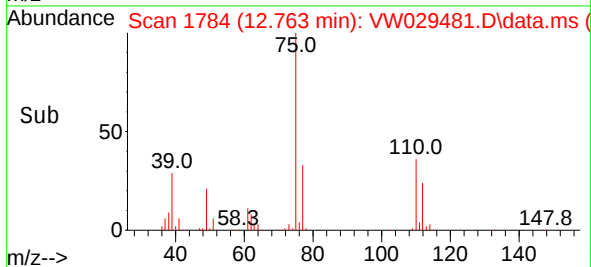
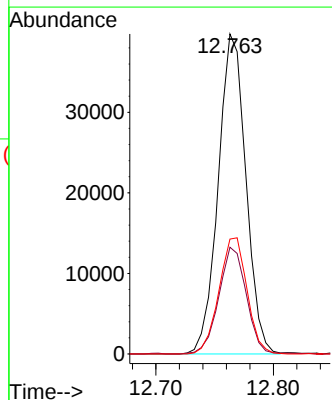
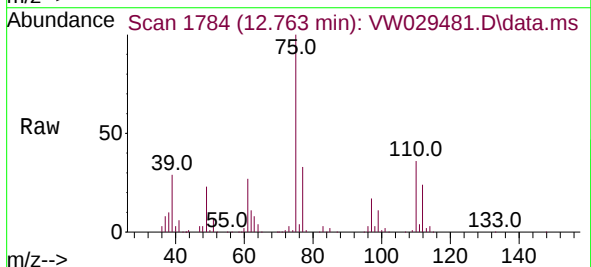
Tgt Ion: 75 Resp: 65017

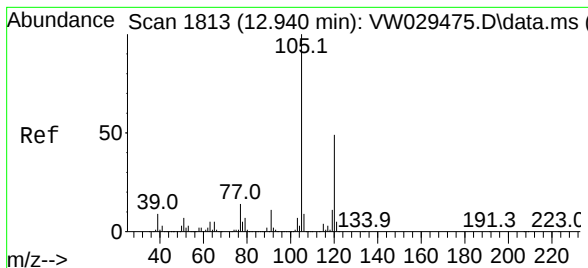
Ion Ratio Lower Upper

75 100

77 33.2 25.5 38.3

110 36.7 29.1 43.7

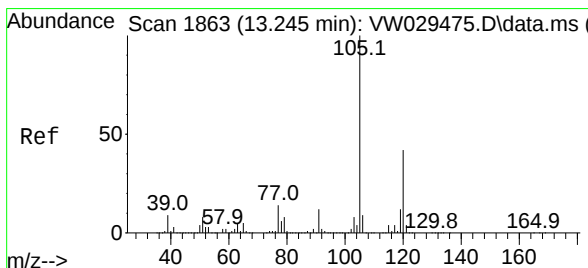
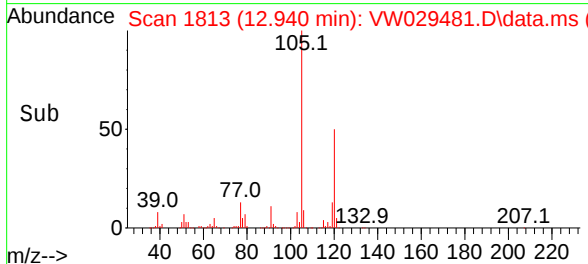
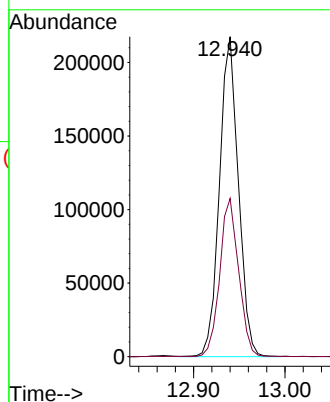
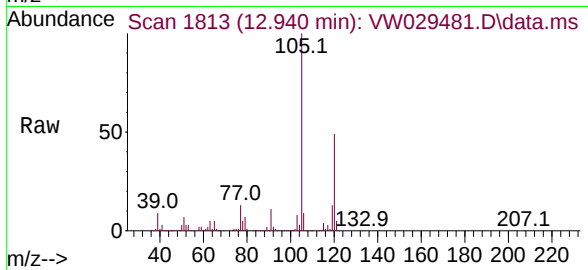




#62
1,3,5-Trimethylbenzene
Concen: 27.105 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

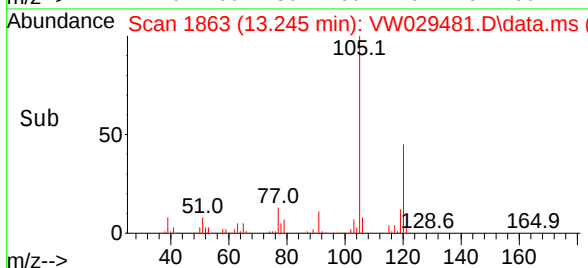
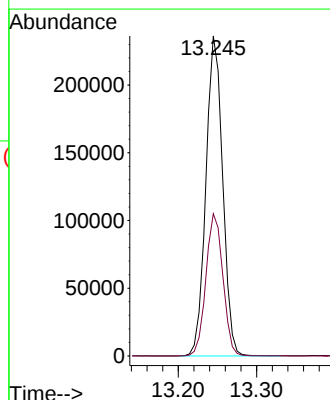
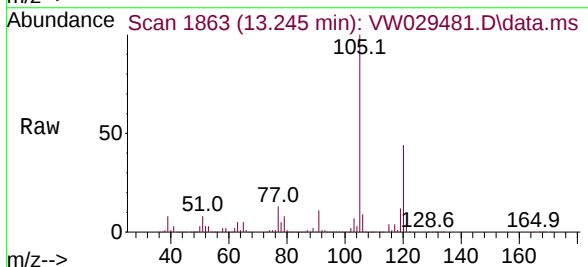
Instrument :
MSVOA_W
ClientSampleId :

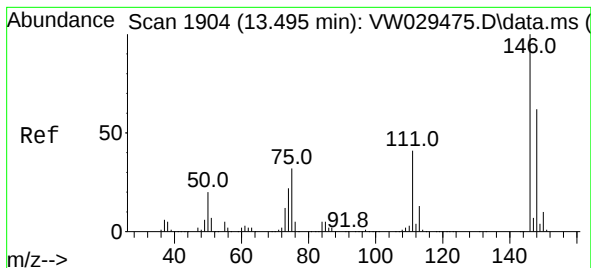
Tgt Ion:105 Resp: 313496
Ion Ratio Lower Upper
105 100
120 49.4 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 27.493 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:105 Resp: 350946
Ion Ratio Lower Upper
105 100
120 44.9 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.609 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

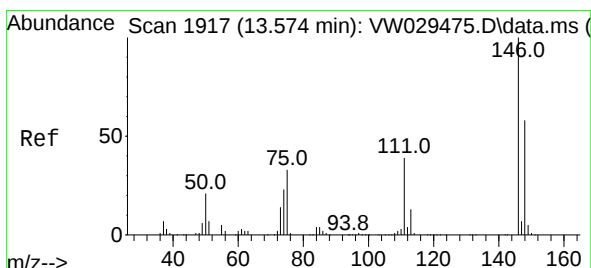
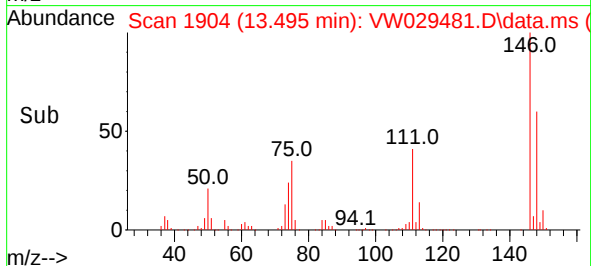
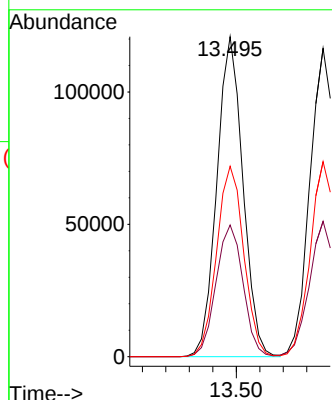
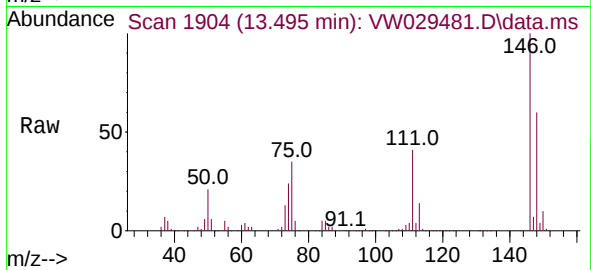
Tgt Ion:146 Resp: 186641

Ion Ratio Lower Upper

146 100

111 41.1 28.6 53.2

148 59.5 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 24.454 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

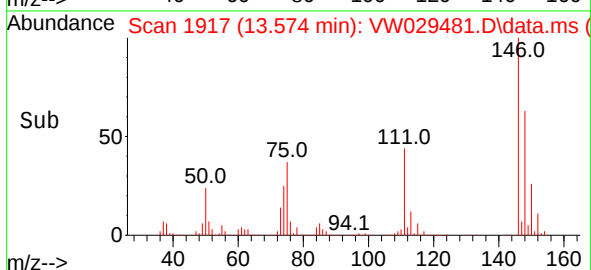
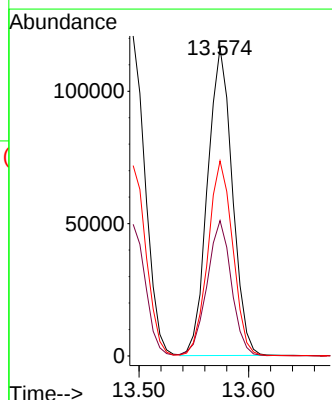
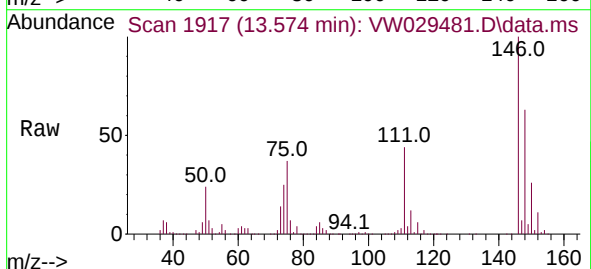
Tgt Ion:146 Resp: 182584

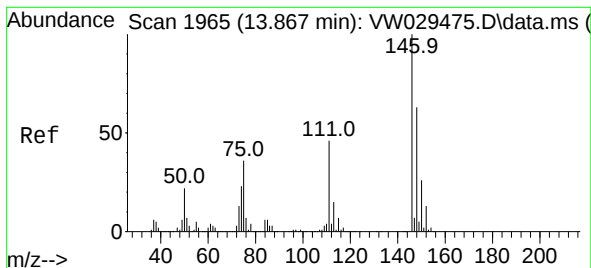
Ion Ratio Lower Upper

146 100

111 43.9 27.6 51.4

148 63.2 40.9 75.9





#67

1,2-Dichlorobenzene

Concen: 25.632 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :

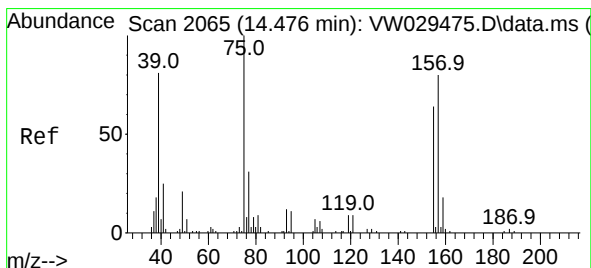
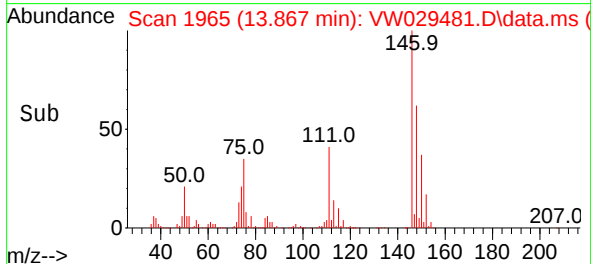
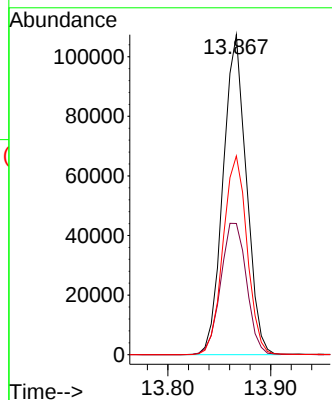
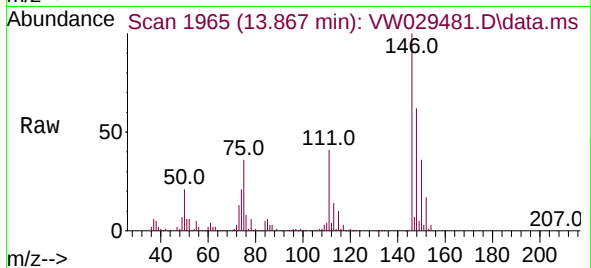
Tgt Ion:146 Resp: 168865

Ion Ratio Lower Upper

146 100

111 41.0 37.1 55.7

148 62.1 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.232 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

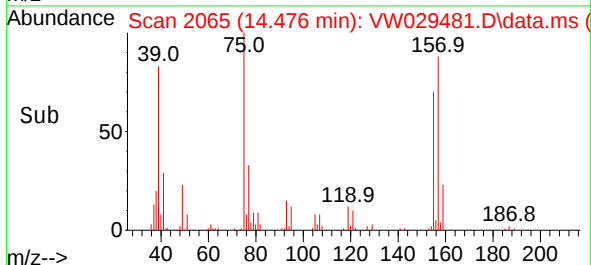
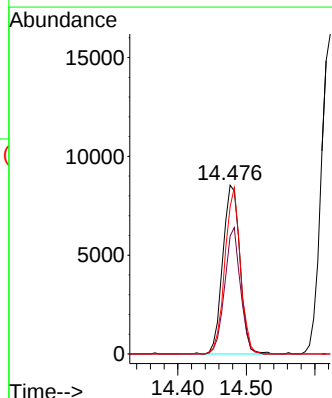
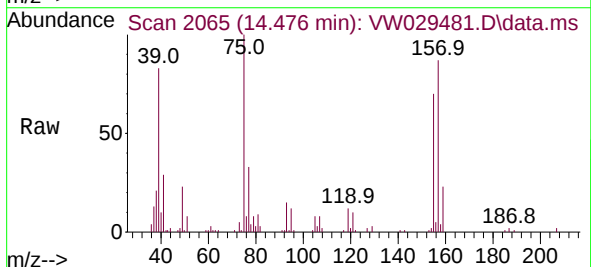
Tgt Ion: 75 Resp: 14864

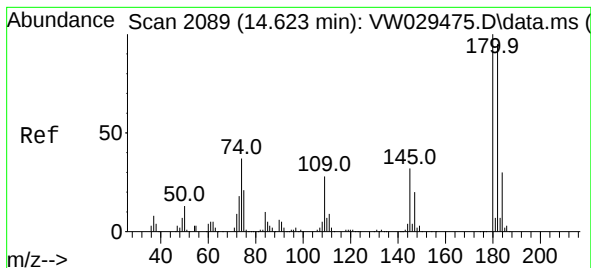
Ion Ratio Lower Upper

75 100

155 69.8 51.2 76.8

157 87.2 63.7 95.5





#69

1,3,5-Trichlorobenzene

Concen: 24.756 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

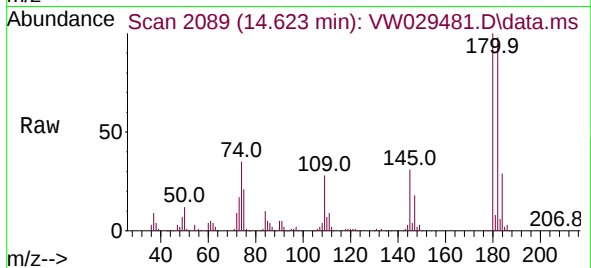
Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 117702

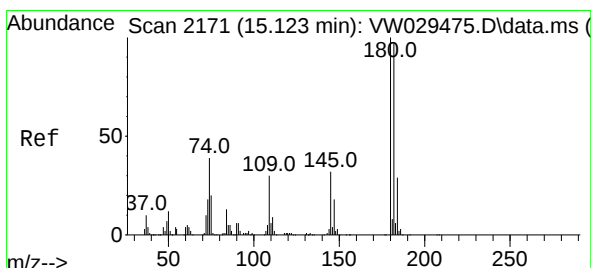
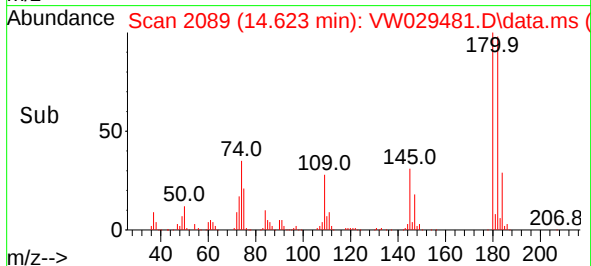
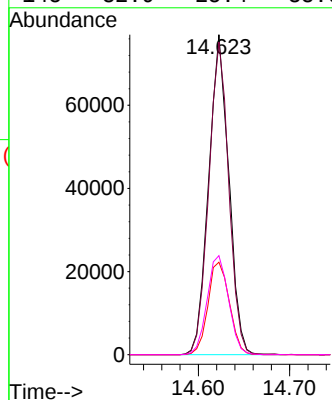
Ion Ratio Lower Upper

180 100

182 96.9 77.9 116.9

184 30.8 24.4 36.6

145 32.9 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 23.370 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029481.D

Acq: 09 Jul 2024 09:55

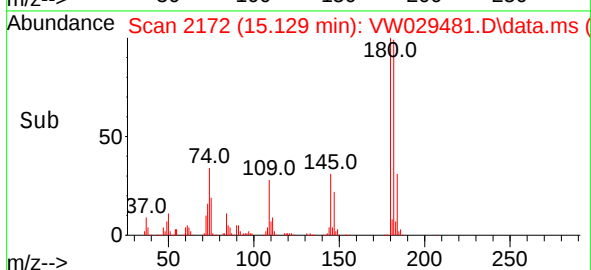
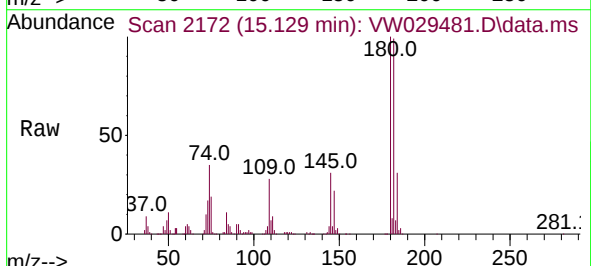
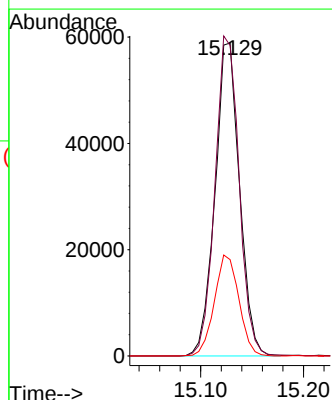
Tgt Ion:180 Resp: 97771

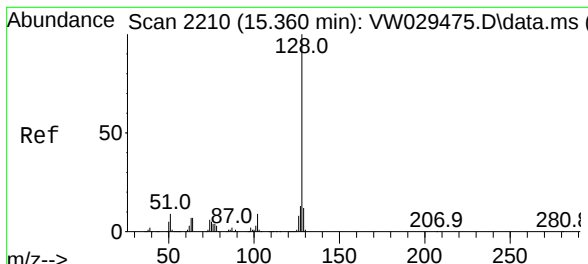
Ion Ratio Lower Upper

180 100

182 100.1 74.7 112.1

145 32.1 26.2 39.2



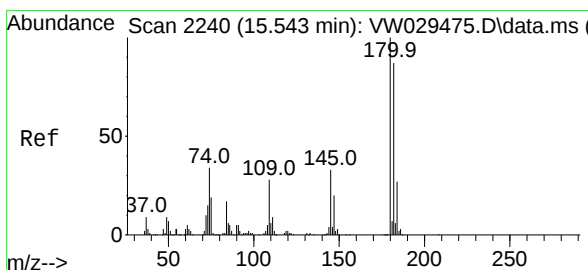
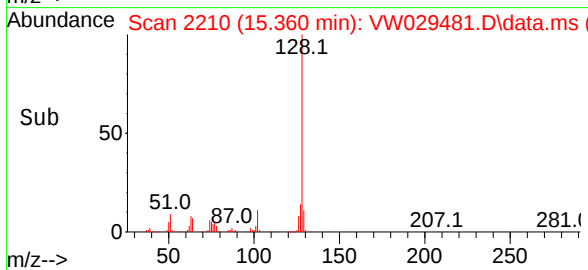
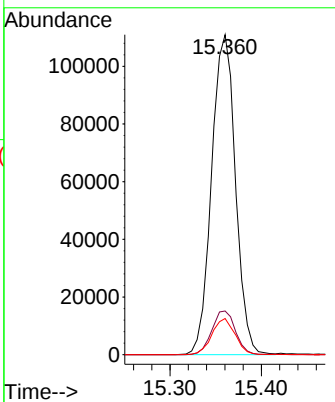
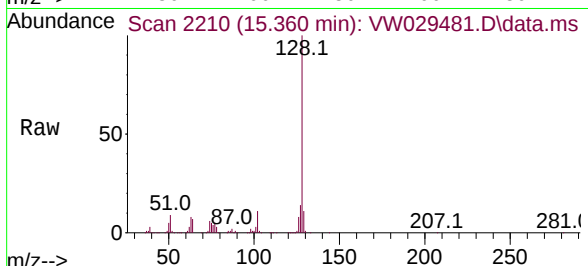


#71
Naphthalene
Concen: 22.964 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 201646

Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.6	15.8
129	11.0	9.0	13.4



#72
1,2,3-Trichlorobenzene
Concen: 23.414 ug/L
RT: 15.543 min Scan# 2240
Delta R.T. -0.000 min
Lab File: VW029481.D
Acq: 09 Jul 2024 09:55

Tgt Ion:180 Resp: 88997

Ion	Ratio	Lower	Upper
180	100		
182	97.9	73.4	110.0
145	33.6	26.9	40.3

