

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070824\
 Data File : VW029478.D
 Acq On : 08 Jul 2024 16:24
 Operator : SY/MD
 Sample : VSTDICV025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 09 02:27:15 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	269292	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	258784	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	121951	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	105898	24.343	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.360%
7) Chloroethane-d5	2.899	69	79284	25.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.240%
11) 1,1-Dichloroethene-d2	4.027	65	49493	25.336	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	101.360%
21) 2-Butanone-d5	7.075	46	72279	55.349	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	110.700%
24) Chloroform-d	7.648	84	205007	26.333	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.320%
26) 1,2-Dichloroethane-d4	8.307	65	123858	27.124	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.480%
32) Benzene-d6	8.276	84	403460	26.025	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.120%
36) 1,2-Dichloropropane-d6	9.276	67	130192	26.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.080%
41) Toluene-d8	10.318	98	367131	26.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.720%
43) trans-1,3-Dichloroprop...	10.575	79	55856	26.611	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	106.440%
47) 2-Hexanone-d5	10.922	63	53262	59.134	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	112282	27.900	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.600%
66) 1,2-Dichlorobenzene-d4	13.848	152	118498	27.901	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	111.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	45468	17.243	ug/L	98
3) Chloromethane	2.228	50	84330	23.902	ug/L	97
5) Vinyl chloride	2.375	62	90893	22.575	ug/L	95
6) Bromomethane	2.789	94	56162	23.558	ug/L	97
8) Chloroethane	2.930	64	58685	23.687	ug/L	99
9) Trichlorofluoromethane	3.265	101	87081	24.027	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	86687	24.304	ug/L	98
12) 1,1-Dichloroethene	4.045	96	81469	24.327	ug/L	83
13) Acetone	4.118	43	77315	58.659	ug/L	99
14) Carbon disulfide	4.399	76	262653	24.150	ug/L	98
15) Methyl Acetate	4.667	43	59057	25.520	ug/L	99
16) Methylene chloride	4.923	84	102066	21.170	ug/L	95
17) trans-1,2-Dichloroethene	5.429	96	89160	24.050	ug/L	92
18) Methyl tert-butyl Ether	5.423	73	160752	25.485	ug/L	100
19) 1,1-Dichloroethane	6.222	63	186630	24.513	ug/L	98
20) cis-1,2-Dichloroethene	7.173	96	102080	25.180	ug/L	96
22) 2-Butanone	7.167	43	94709	54.734	ug/L	99
23) Bromochloromethane	7.520	128	44258	24.272	ug/L	90
25) Chloroform	7.679	83	182930	24.832	ug/L	99

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

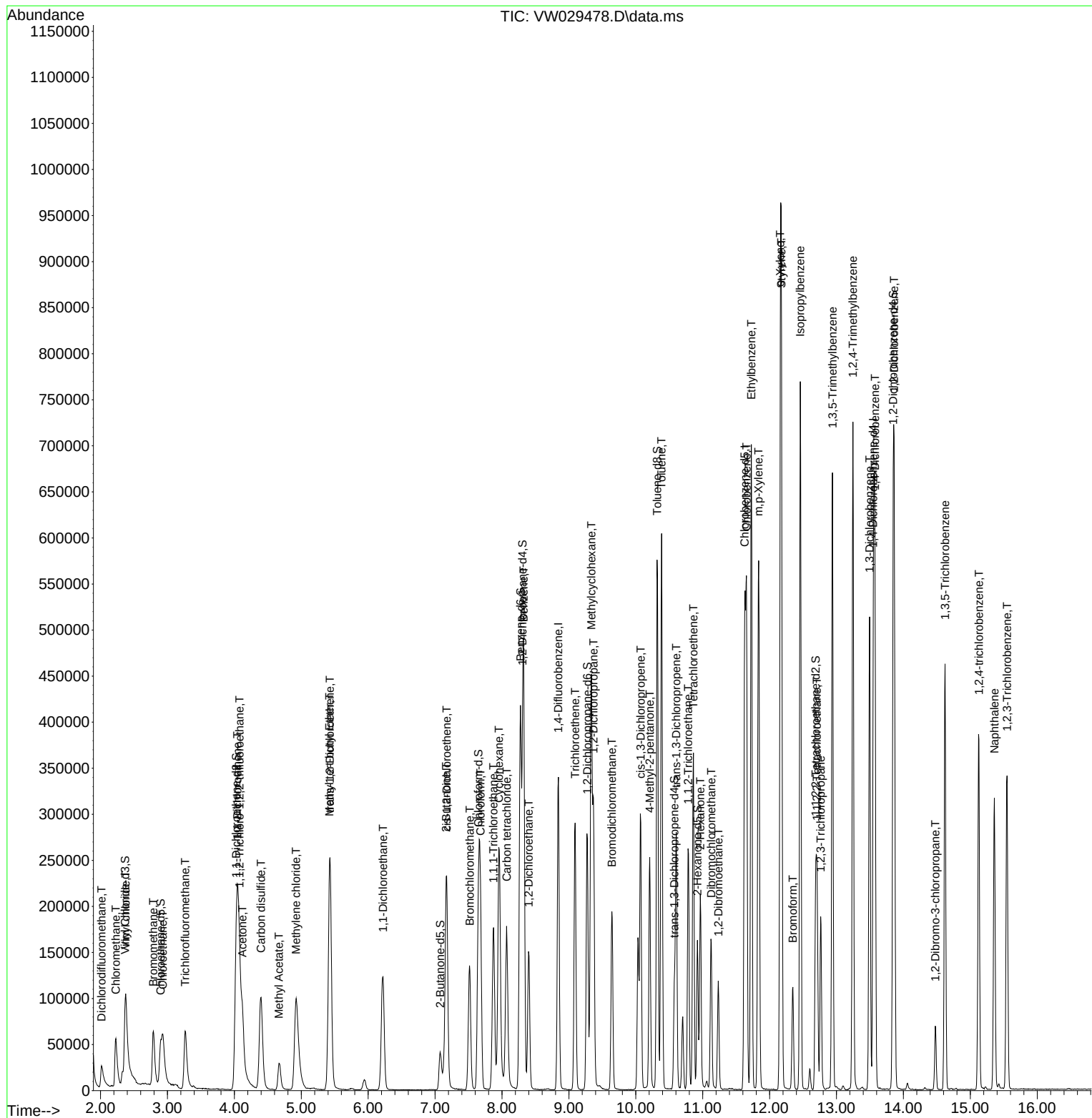
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136957	24.787	ug/L	97
29) Cyclohexane	7.953	56	163880	25.432	ug/L	99
30) 1,1,1-Trichloroethane	7.874	97	142946	24.189	ug/L	99
31) Carbon tetrachloride	8.069	117	129129	23.860	ug/L	100
33) Benzene	8.325	78	394582	24.370	ug/L	100
34) Trichloroethene	9.093	95	101295	23.691	ug/L	95
35) Methylcyclohexane	9.337	83	176586	25.694	ug/L	96
37) 1,2-Dichloropropane	9.367	63	109566	24.471	ug/L	99
38) Bromodichloromethane	9.642	83	133392	24.391	ug/L	94
39) cis-1,3-Dichloropropene	10.075	75	170032	25.284	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	172203	54.572	ug/L	100
42) Toluene	10.386	91	413133	24.941	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	146226	25.370	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	79413	24.662	ug/L	99
46) Tetrachloroethene	10.861	164	74875	24.649	ug/L	93
48) 2-Hexanone	10.965	43	134630	56.791	ug/L	98
49) Dibromochloromethane	11.129	129	83782	25.002	ug/L	91
50) 1,2-Dibromoethane	11.233	107	77130	25.135	ug/L	96
51) Chlorobenzene	11.654	112	258424	24.134	ug/L	98
52) Ethylbenzene	11.727	91	472860	25.197	ug/L	99
53) m,p-Xylene	11.836	106	176243	25.582	ug/L	96
54) o-Xylene	12.160	106	161744	25.383	ug/L	92
55) Styrene	12.178	104	293026	26.153	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	101008	24.868	ug/L	99
59) Bromoform	12.349	173	49885	26.500	ug/L	98
60) Isopropylbenzene	12.458	105	462059	26.928	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	76886	26.051	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	333508	27.325	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	371397	27.570	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	191308	24.874	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	196724	24.967	ug/L	97
67) 1,2-Dichlorobenzene	13.861	146	179294	25.789	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.476	75	18007	25.521	ug/L #	83
69) 1,3,5-Trichlorobenzene	14.623	180	130744	26.058	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	112173	25.408	ug/L	98
71) Naphthalene	15.360	128	251992	27.194	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	108146	26.961	ug/L	99

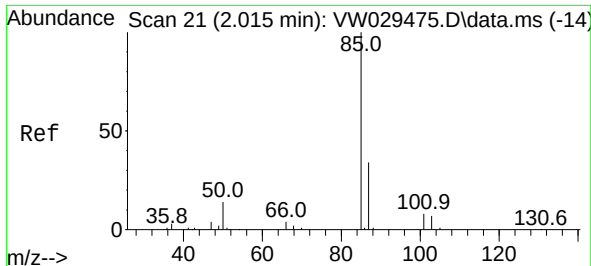
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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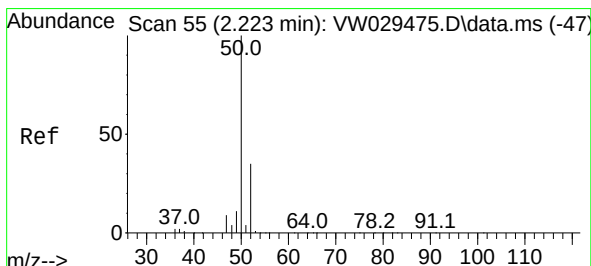
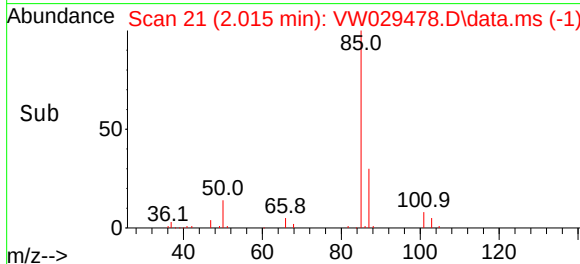
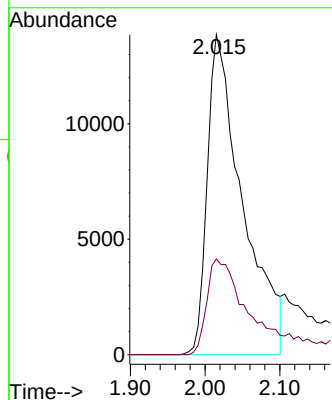
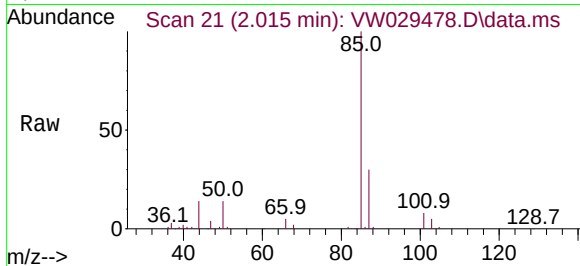




#2
 Dichlorodifluoromethane
 Concen: 17.243 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

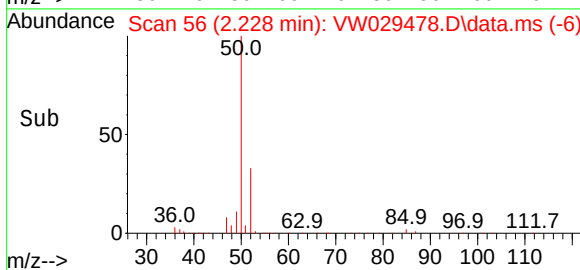
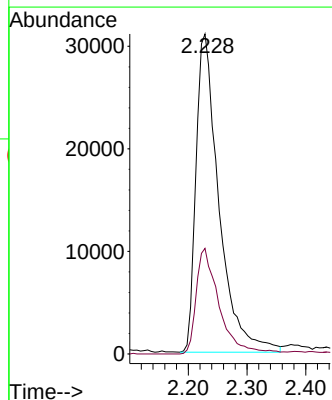
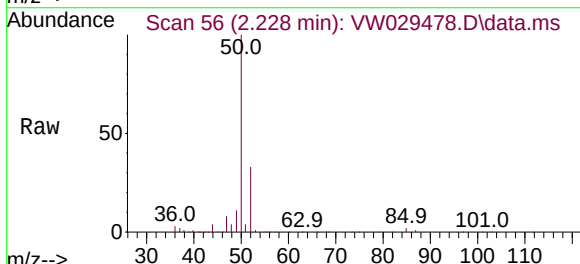
Instrument :
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 ClientSampleId :

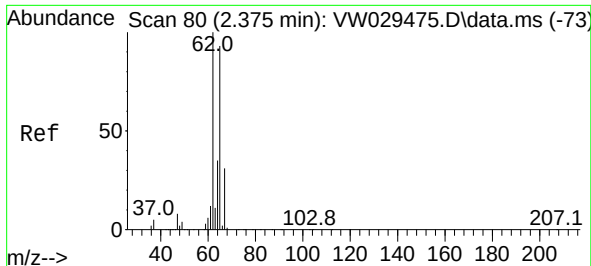
Tgt Ion: 85 Resp: 45468
 Ion Ratio Lower Upper
 85 100
 87 31.6 26.1 39.1



#3
 Chloromethane
 Concen: 23.902 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

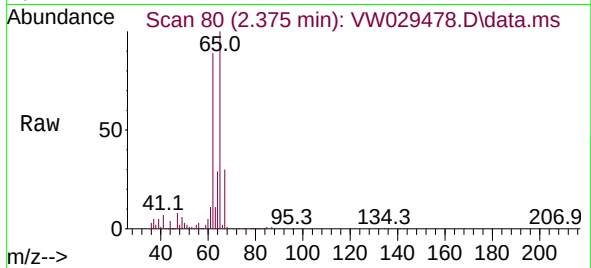
Tgt Ion: 50 Resp: 84330
 Ion Ratio Lower Upper
 50 100
 52 33.0 24.4 45.2



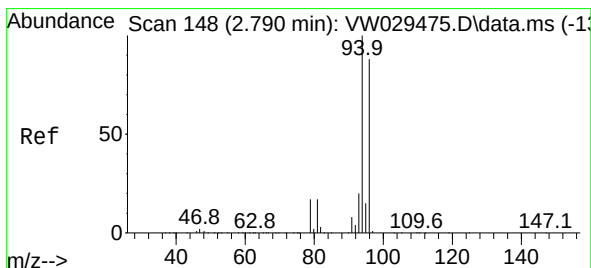
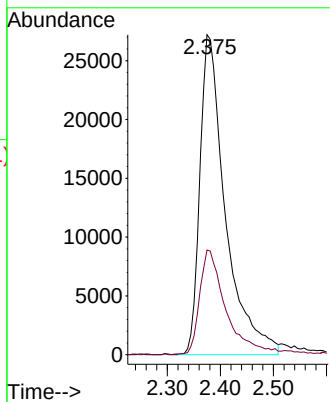
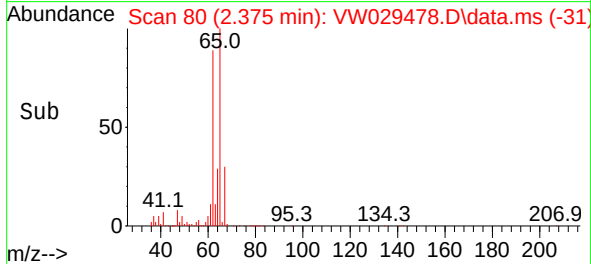


#5
 Vinyl chloride
 Concen: 22.575 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

Instrument :
 MSVOA_W
 ClientSampleId :

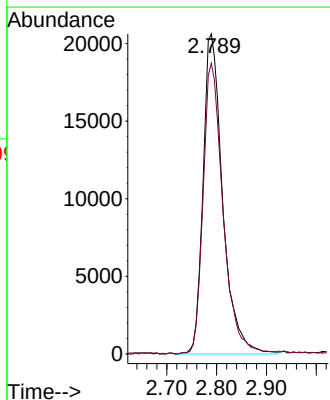
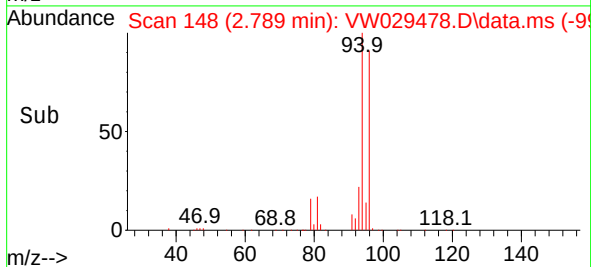
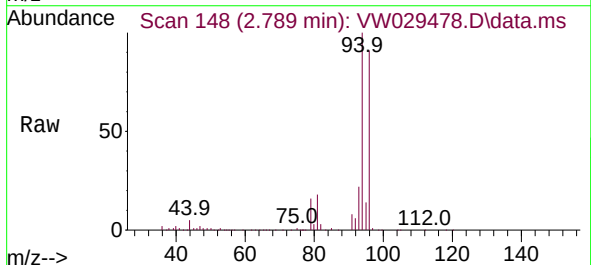


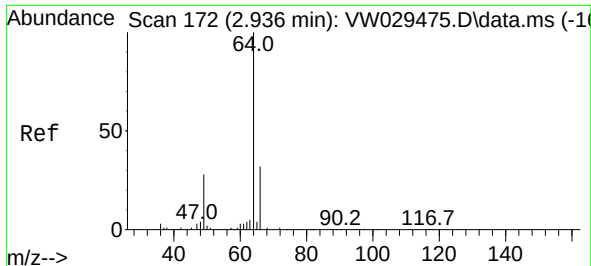
Tgt Ion: 62 Resp: 90893
 Ion Ratio Lower Upper
 62 100
 64 32.7 25.1 46.5



#6
 Bromomethane
 Concen: 23.558 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. -0.000 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

Tgt Ion: 94 Resp: 56162
 Ion Ratio Lower Upper
 94 100
 96 90.8 61.7 114.7

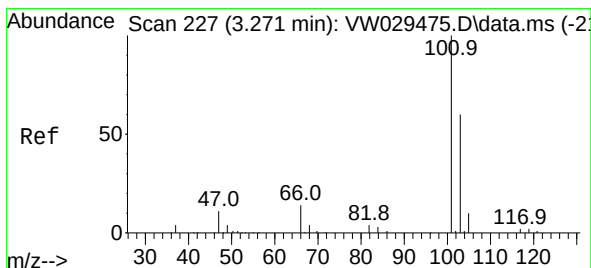
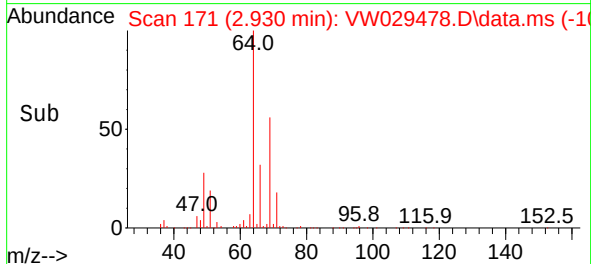
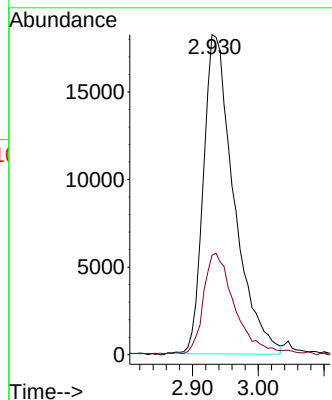
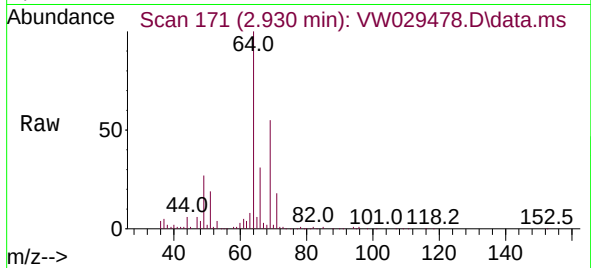




#8
Chloroethane
Concen: 23.687 ug/L
RT: 2.930 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

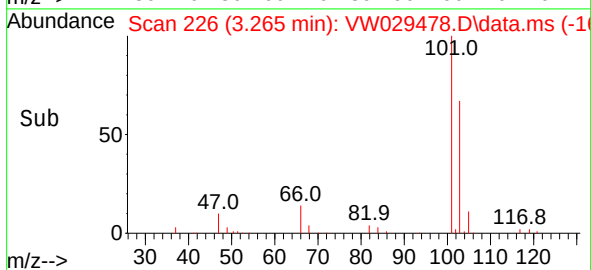
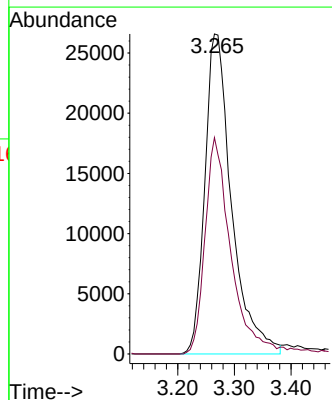
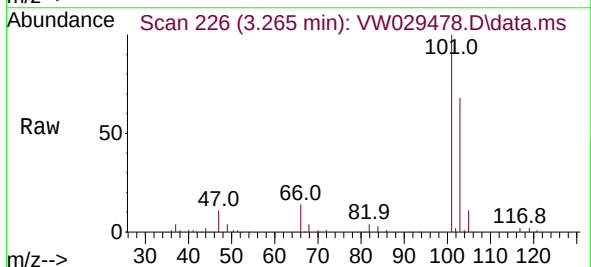
Instrument :
MSVOA_W
ClientSampleId :

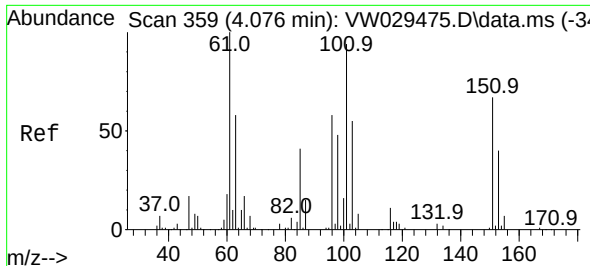
Tgt Ion: 64 Resp: 58685
Ion Ratio Lower Upper
64 100
66 31.1 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.027 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion:101 Resp: 87081
Ion Ratio Lower Upper
101 100
103 64.5 49.6 74.4





#10

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

Concen: 24.304 ug/L

RT: 4.076 min Scan# 359

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

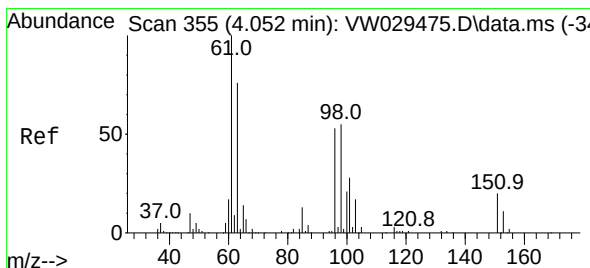
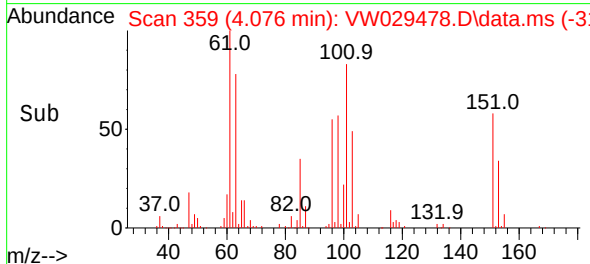
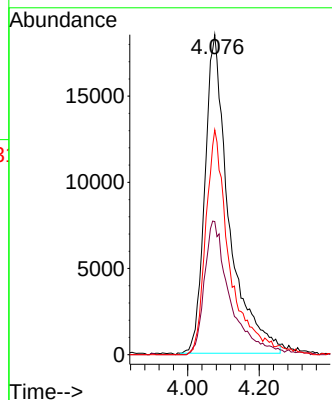
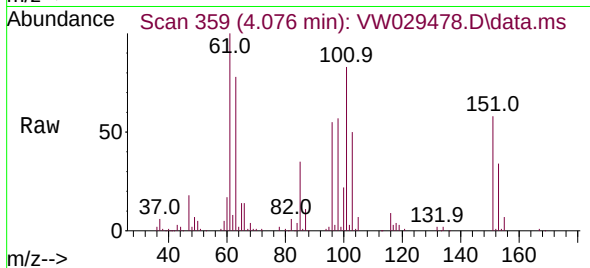
Tgt Ion:101 Resp: 86687

Ion Ratio Lower Upper

101 100

85 43.2 33.8 50.8

151 67.0 55.4 83.0



#12

1,1-Dichloroethene

Concen: 24.327 ug/L

RT: 4.045 min Scan# 354

Delta R.T. -0.006 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

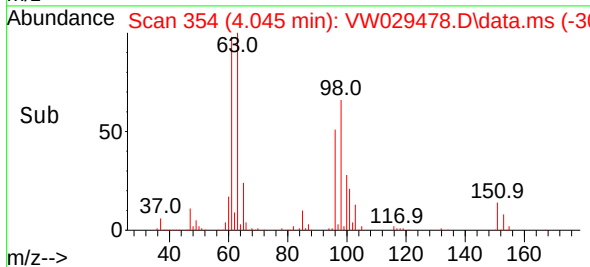
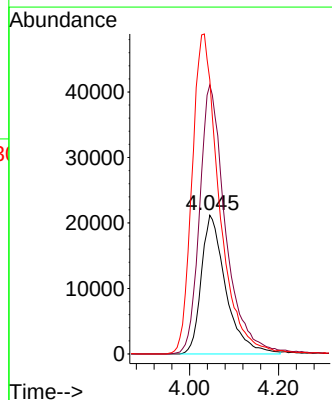
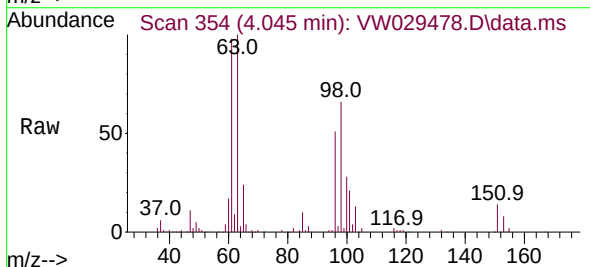
Tgt Ion: 96 Resp: 81469

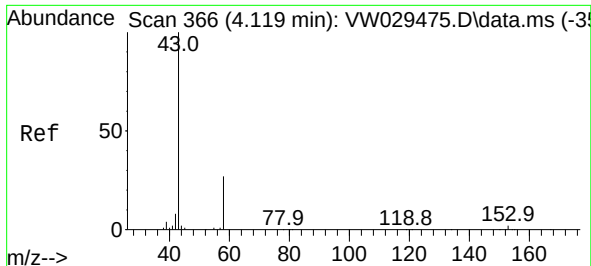
Ion Ratio Lower Upper

96 100

61 193.8 132.4 245.8

63 197.6 108.4 201.2

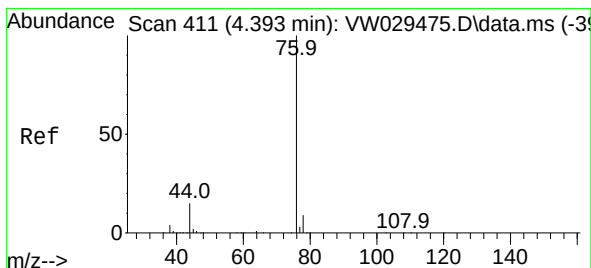
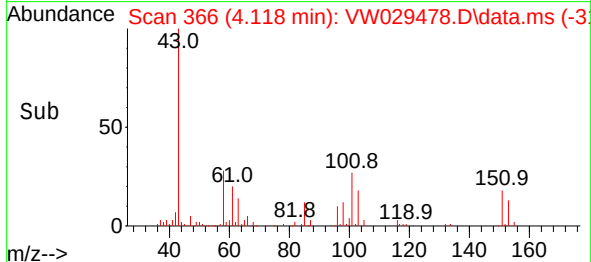
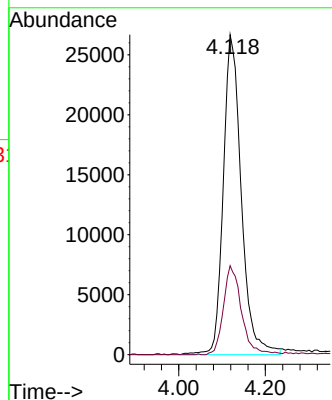
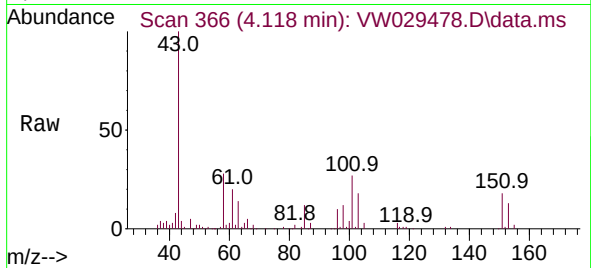




#13
Acetone
Concen: 58.659 ug/L
RT: 4.118 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

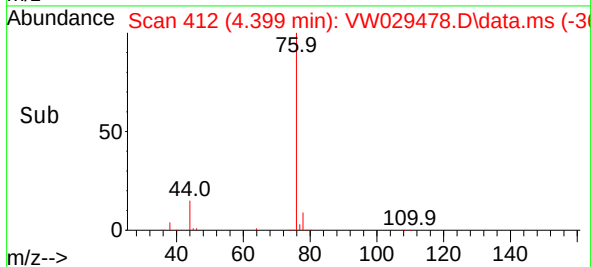
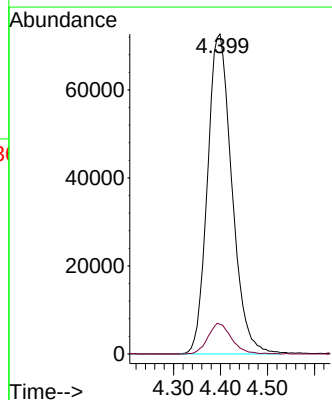
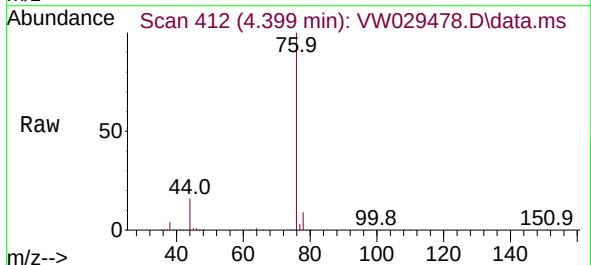
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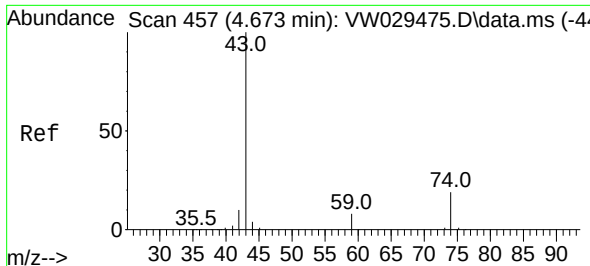
Tgt Ion: 43 Resp: 77315
Ion Ratio Lower Upper
43 100
58 27.1 0.0 55.6



#14
Carbon disulfide
Concen: 24.150 ug/L
RT: 4.399 min Scan# 412
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 262653
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4

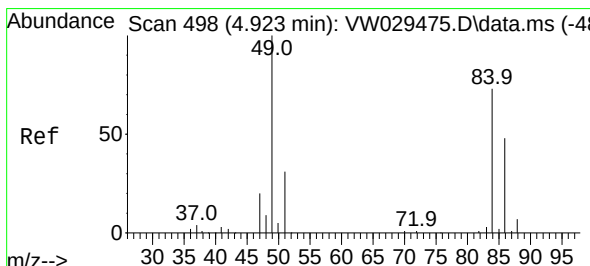
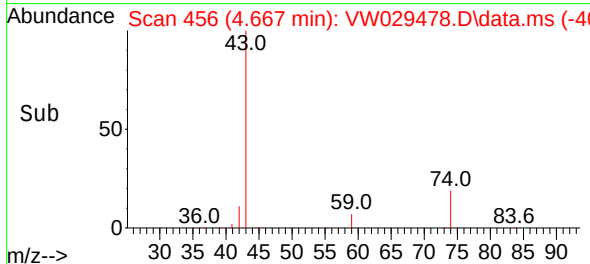
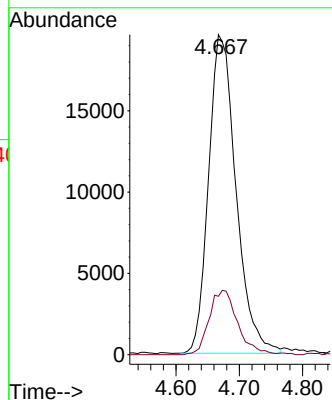
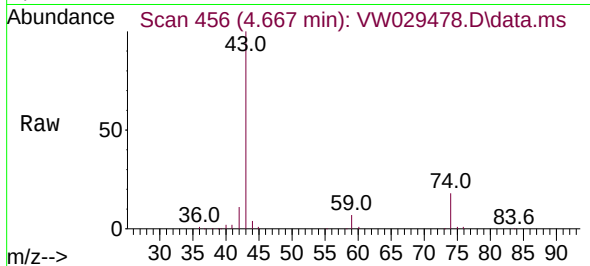




#15
Methyl Acetate
Concen: 25.520 ug/L
RT: 4.667 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

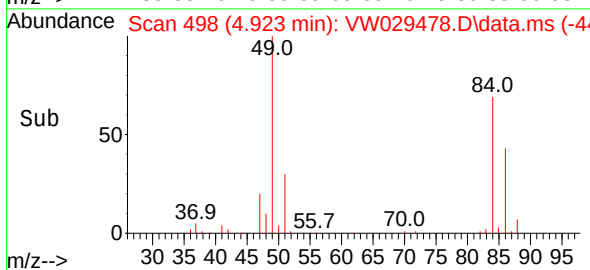
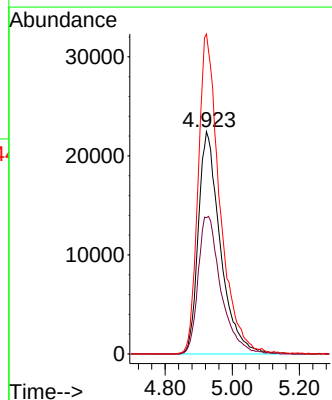
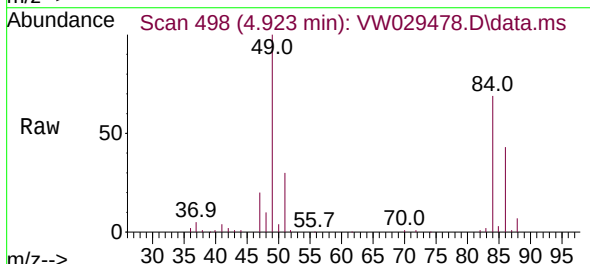
Instrument :
MSVOA_W
ClientSampleId :

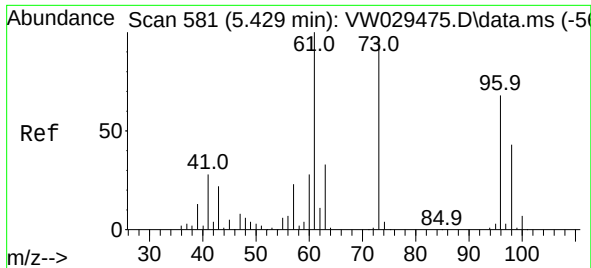
Tgt Ion: 43 Resp: 59057
Ion Ratio Lower Upper
43 100
74 20.8 16.2 24.4



#16
Methylene chloride
Concen: 21.170 ug/L
RT: 4.923 min Scan# 498
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion: 84 Resp: 102066
Ion Ratio Lower Upper
84 100
86 61.4 46.2 85.8
49 144.0 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 24.050 ug/L

RT: 5.429 min Scan# 581

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

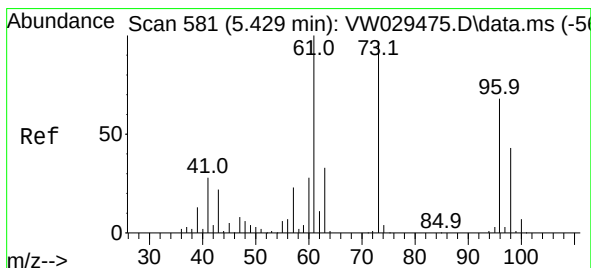
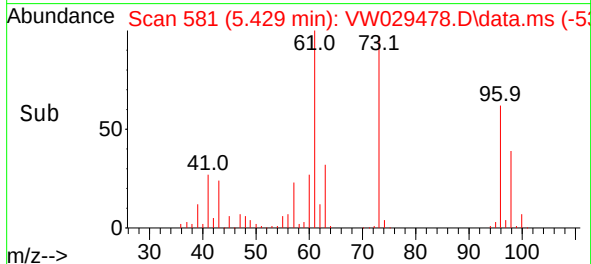
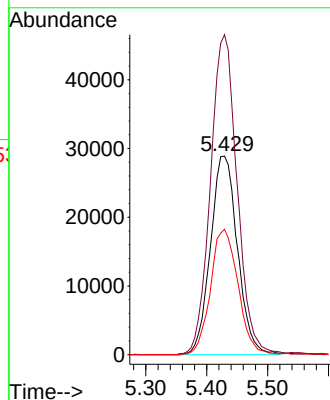
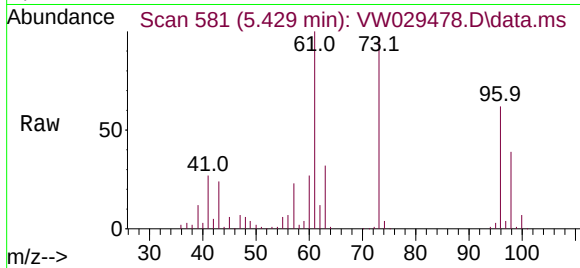
Tgt Ion: 96 Resp: 89160

Ion Ratio Lower Upper

96 100

61 161.2 102.9 191.1

98 63.2 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 25.485 ug/L

RT: 5.423 min Scan# 580

Delta R.T. -0.006 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

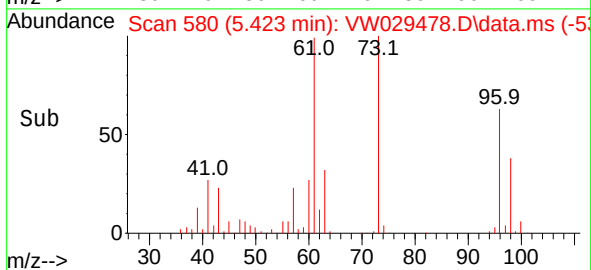
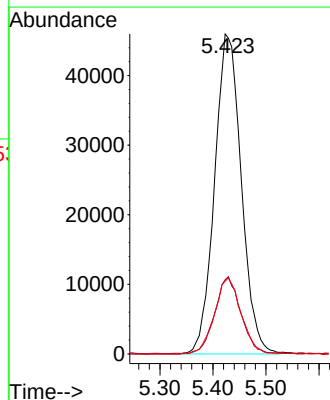
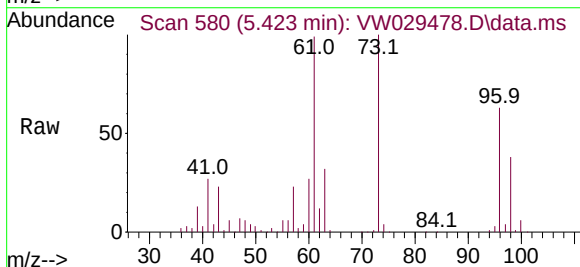
Tgt Ion: 73 Resp: 160752

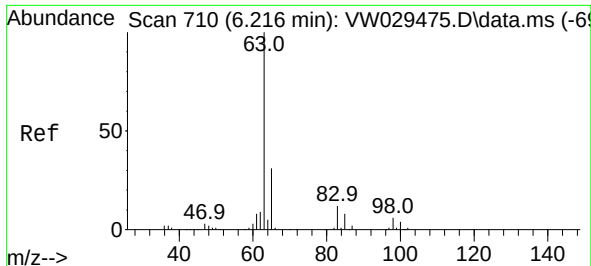
Ion Ratio Lower Upper

73 100

43 23.4 18.7 28.1

57 23.5 18.9 28.3





#19

1,1-Dichloroethane

Concen: 24.513 ug/L

RT: 6.222 min Scan# 710

Delta R.T. 0.006 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

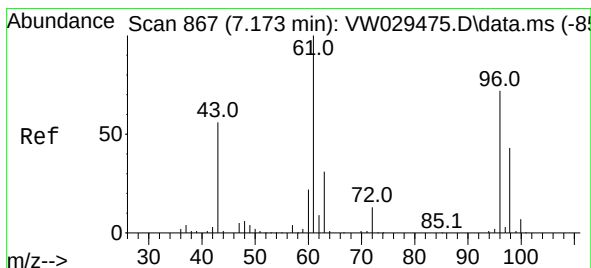
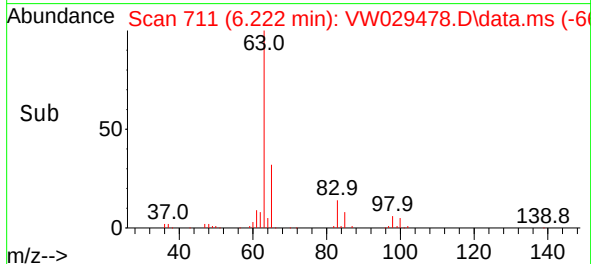
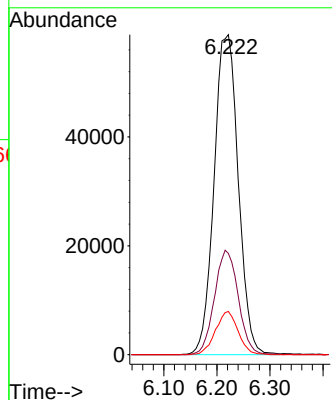
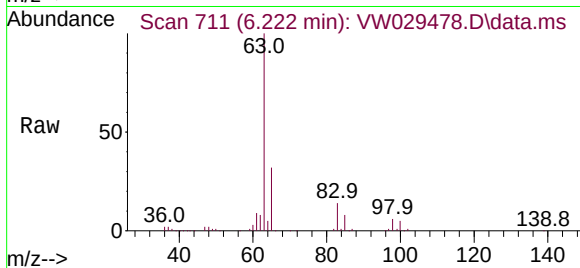
Tgt Ion: 63 Resp: 186630

Ion Ratio Lower Upper

63 100

65 31.7 21.5 39.9

83 13.5 8.7 16.1



#20

cis-1,2-Dichloroethene

Concen: 25.180 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

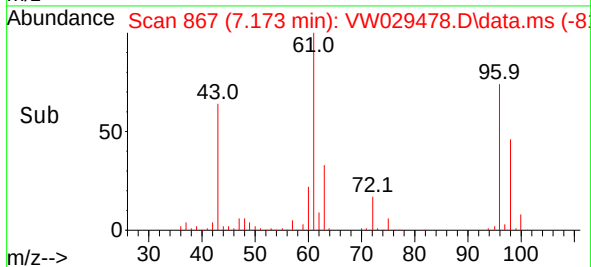
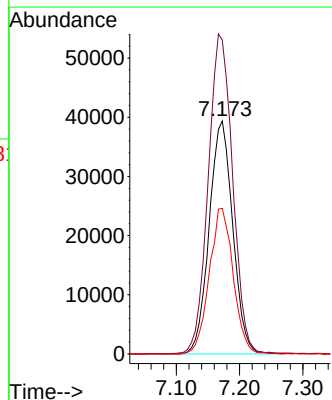
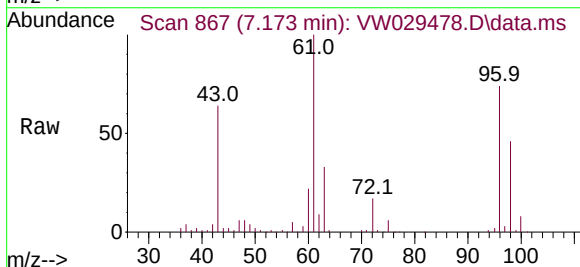
Tgt Ion: 96 Resp: 102080

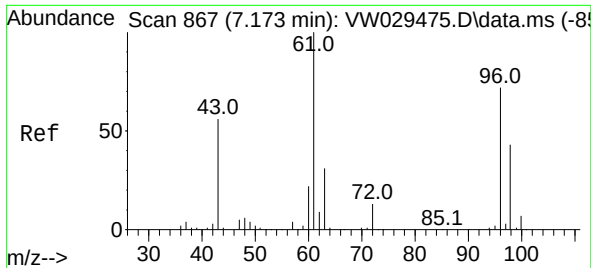
Ion Ratio Lower Upper

96 100

61 134.7 97.4 180.8

98 62.5 41.6 77.2

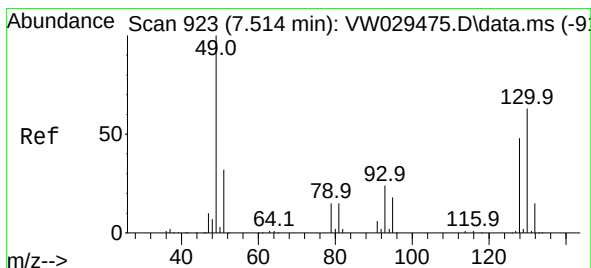
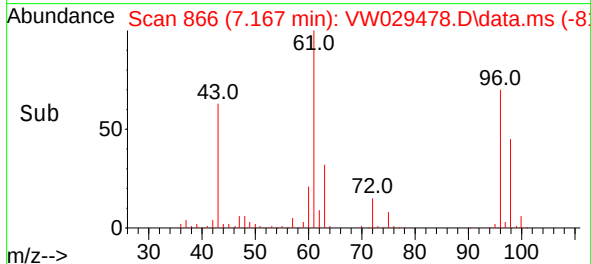
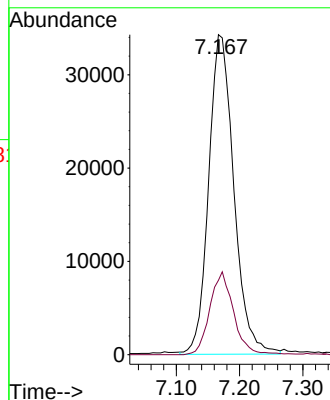
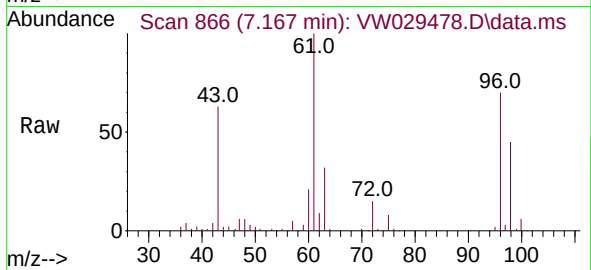




#22
2-Butanone
Concen: 54.734 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

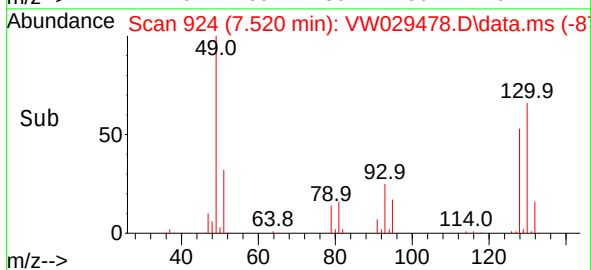
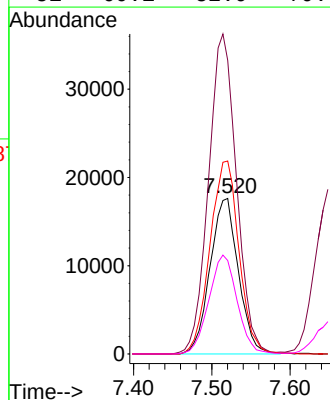
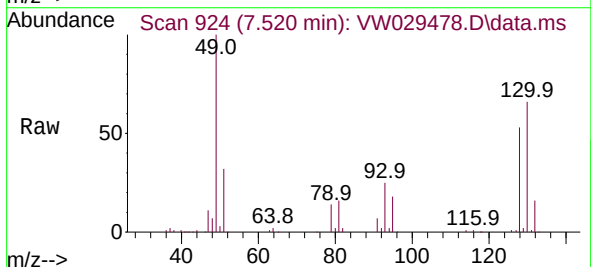
Instrument :
MSVOA_W
ClientSampleId :

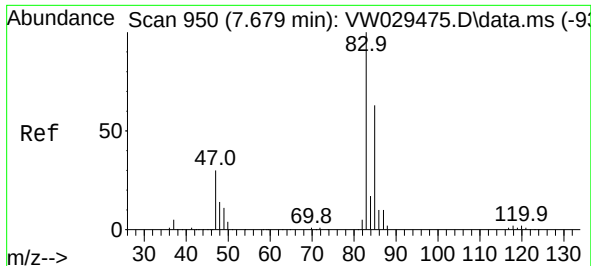
Tgt Ion: 43 Resp: 94709
Ion Ratio Lower Upper
43 100
72 24.4 12.0 36.1



#23
Bromochloromethane
Concen: 24.272 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion:128 Resp: 44258
Ion Ratio Lower Upper
128 100
49 188.7 146.2 271.4
130 124.0 91.9 170.7
51 60.1 52.9 79.3





#25

Chloroform

Concen: 24.832 ug/L

RT: 7.679 min Scan# 950

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

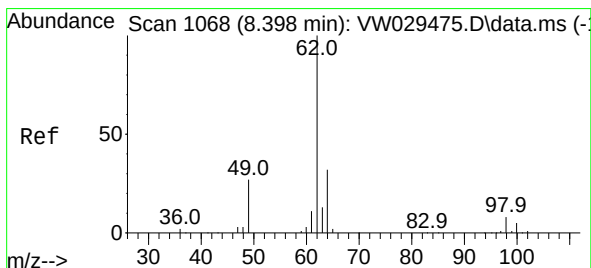
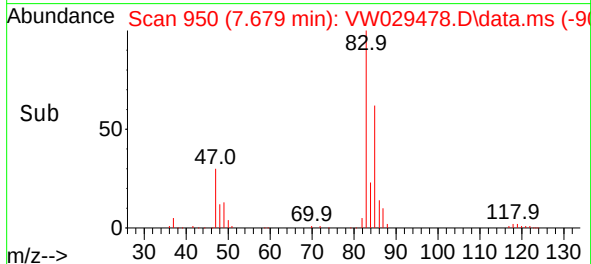
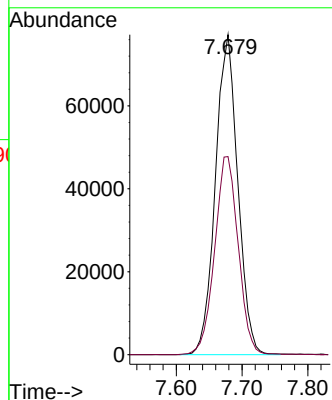
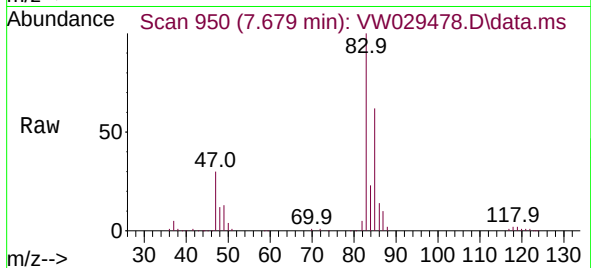
ClientSampleId :

Tgt Ion: 83 Resp: 182930

Ion Ratio Lower Upper

83 100

85 61.9 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.787 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. -0.000 min

Lab File: VW029478.D

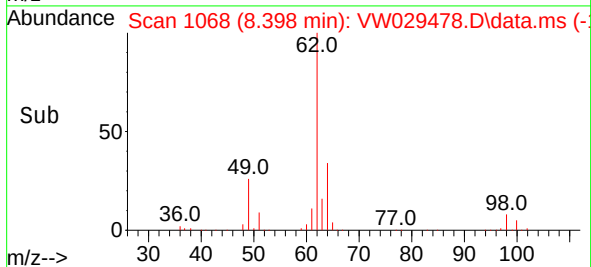
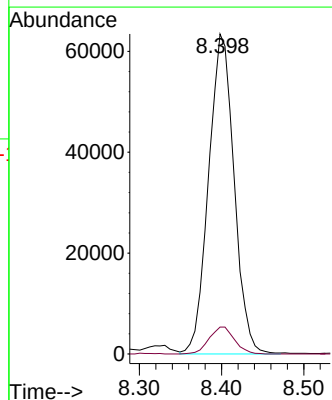
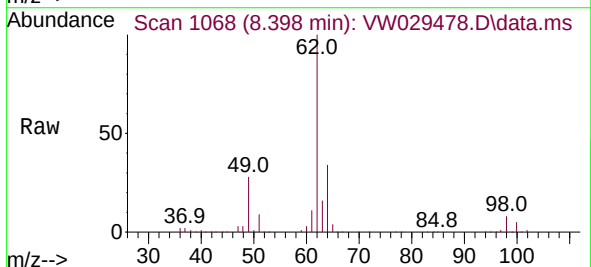
Acq: 08 Jul 2024 16:24

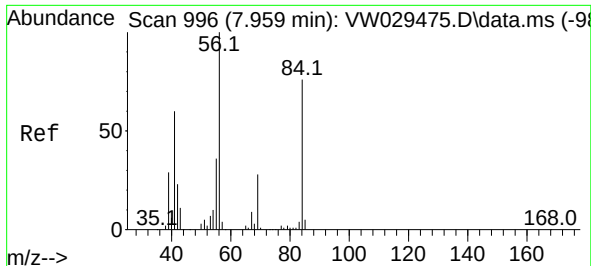
Tgt Ion: 62 Resp: 136957

Ion Ratio Lower Upper

62 100

98 8.4 6.0 9.0





#29

Cyclohexane

Concen: 25.432 ug/L

RT: 7.953 min Scan# 996

Delta R.T. -0.006 min

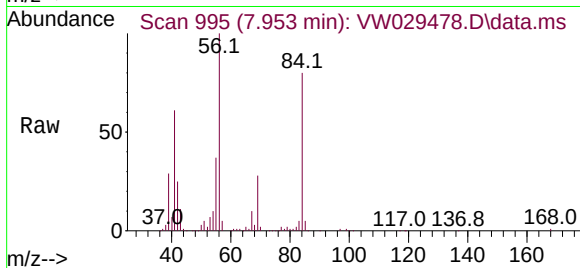
Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :



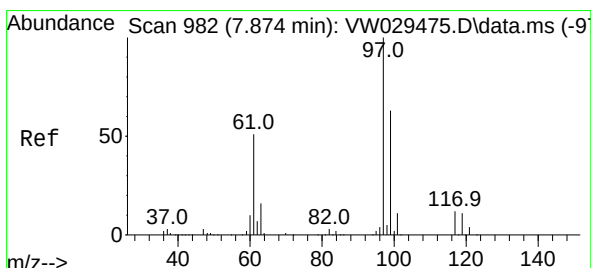
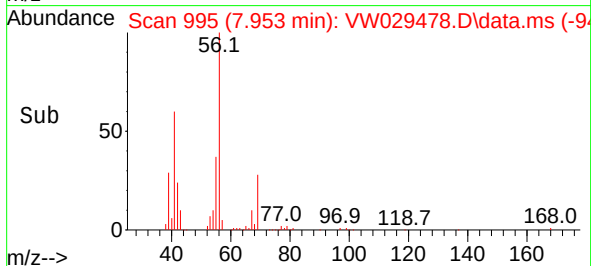
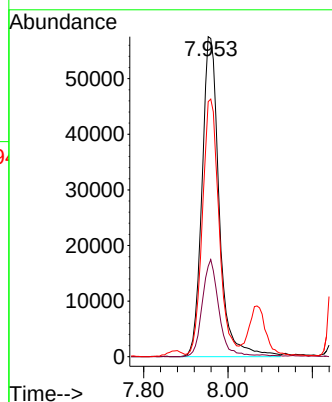
Tgt Ion: 56 Resp: 163880

Ion Ratio Lower Upper

56 100

69 28.5 23.3 34.9

84 77.6 63.1 94.7



#30

1,1,1-Trichloroethane

Concen: 24.189 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

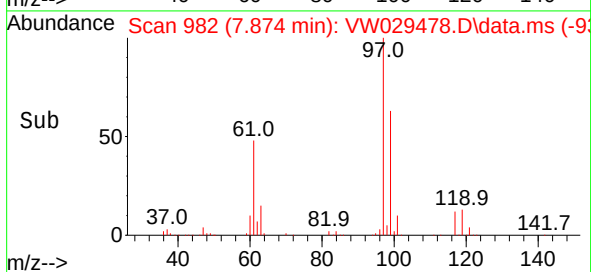
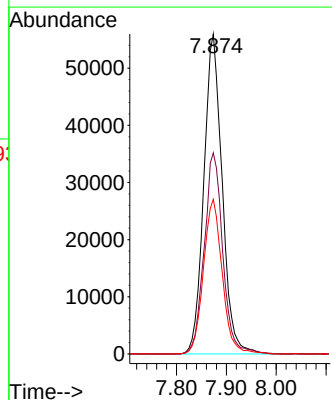
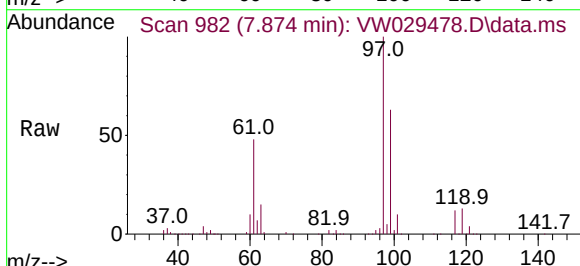
Tgt Ion: 97 Resp: 142946

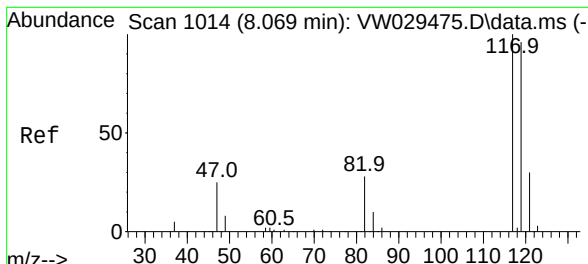
Ion Ratio Lower Upper

97 100

99 63.7 51.1 76.7

61 49.6 40.6 61.0



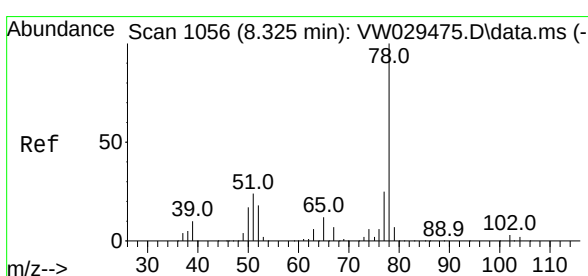
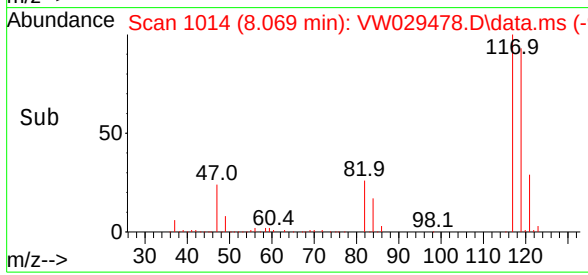
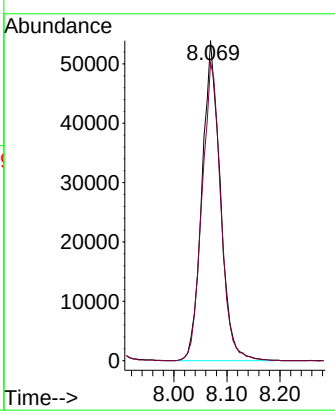
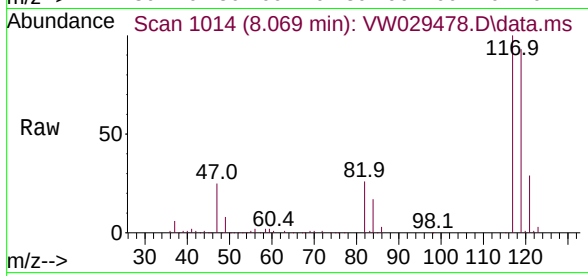


#31
Carbon tetrachloride
Concen: 23.860 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Instrument : MSVOA_W
ClientSampleId :

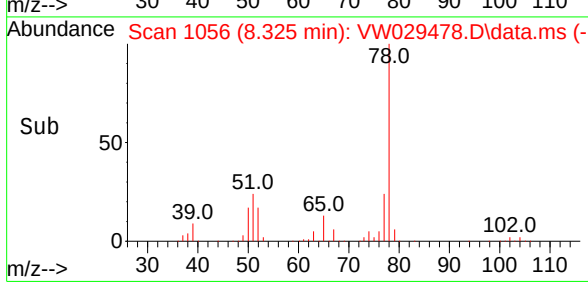
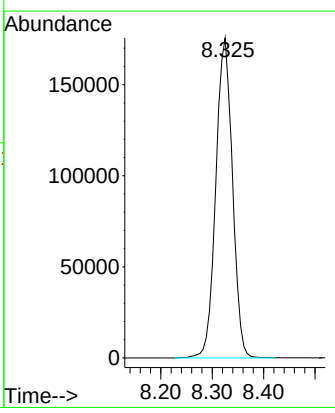
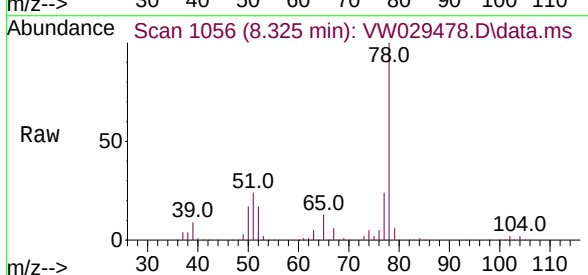
Tgt Ion:117 Resp: 129129

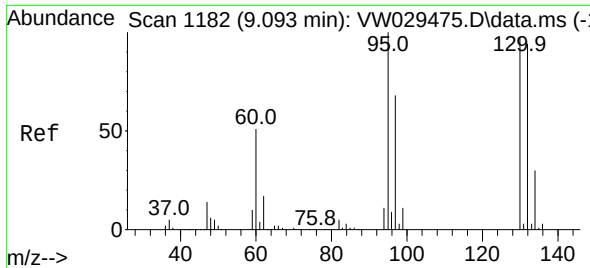
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.0	115.6



#33
Benzene
Concen: 24.370 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion: 78 Resp: 394582





#34

Trichloroethene

Concen: 23.691 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 101295

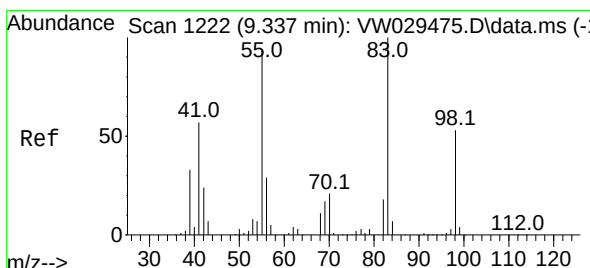
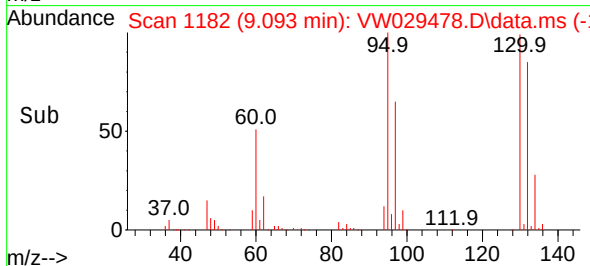
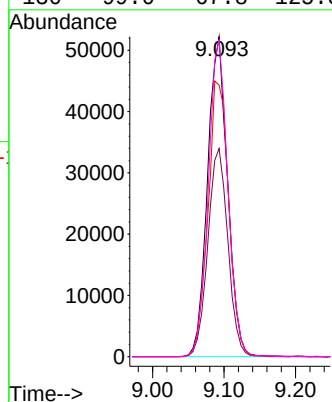
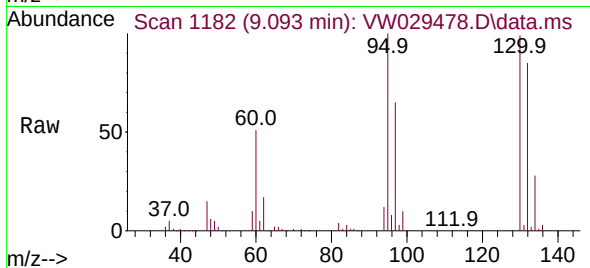
Ion Ratio Lower Upper

95 100

97 65.1 47.3 87.9

132 84.9 65.8 122.2

130 99.0 67.8 125.8



#35

Methylcyclohexane

Concen: 25.694 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

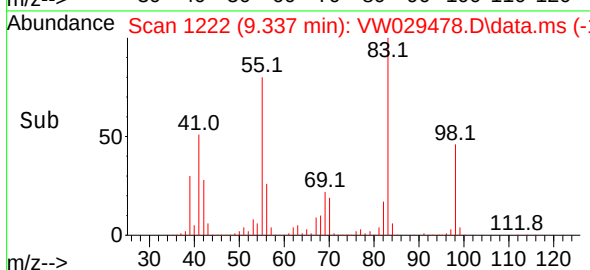
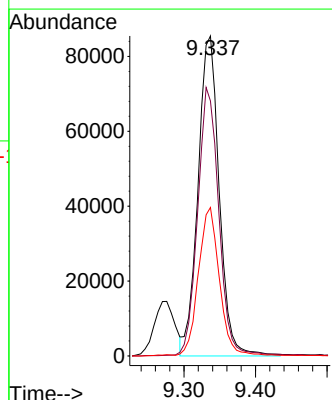
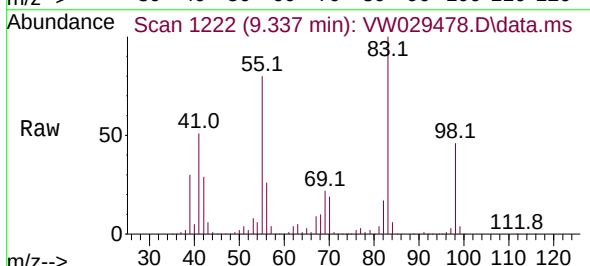
Tgt Ion: 83 Resp: 176586

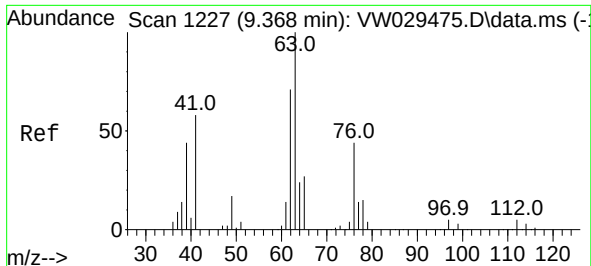
Ion Ratio Lower Upper

83 100

55 83.3 69.6 104.4

98 45.5 38.3 57.5





#37

1,2-Dichloropropane

Concen: 24.471 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

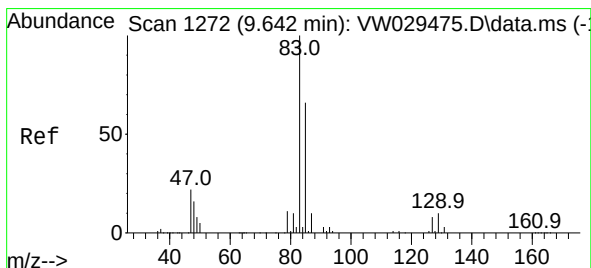
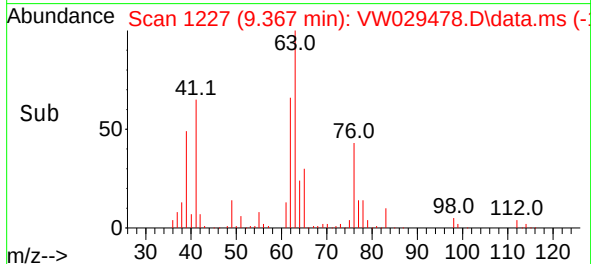
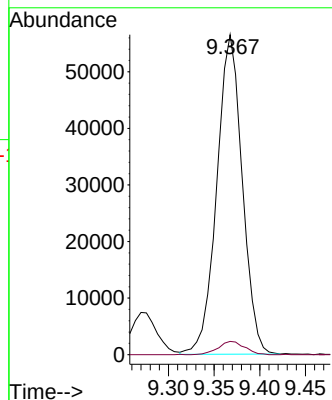
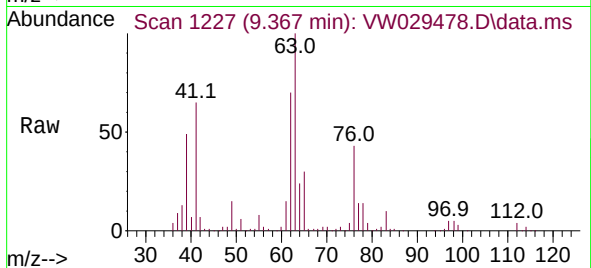
ClientSampleId :

Tgt Ion: 63 Resp: 109566

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 24.391 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

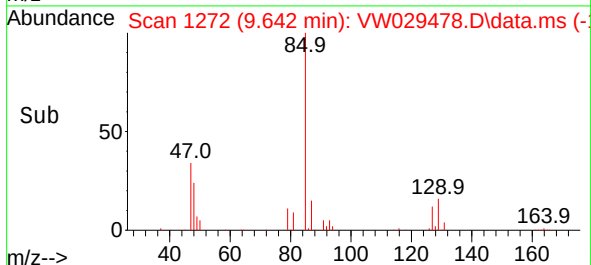
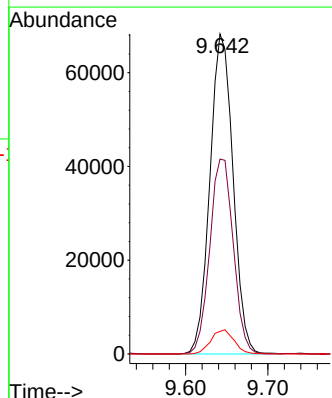
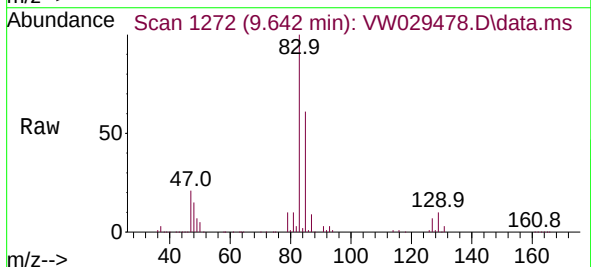
Tgt Ion: 83 Resp: 133392

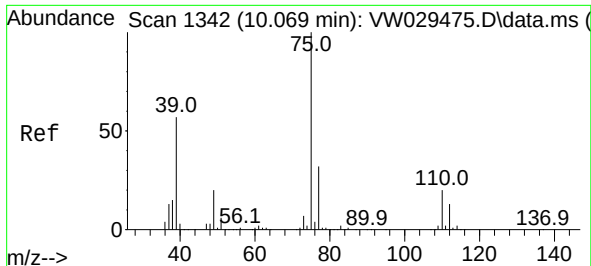
Ion Ratio Lower Upper

83 100

85 60.9 46.1 85.5

127 7.0 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 25.284 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

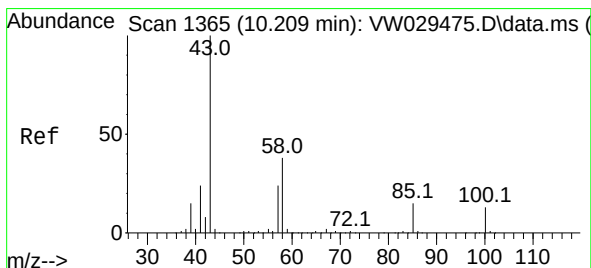
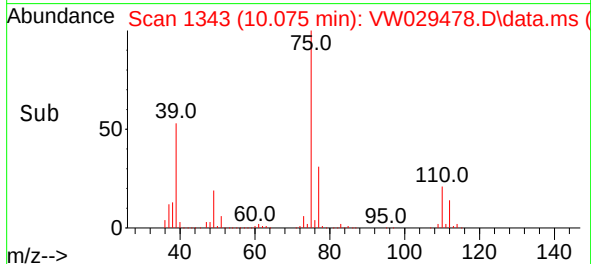
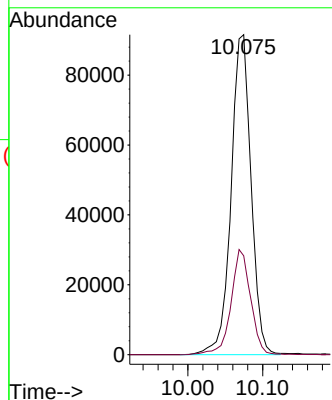
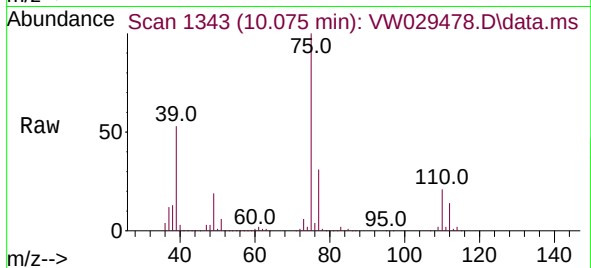
ClientSampleId :

Tgt Ion: 75 Resp: 170032

Ion Ratio Lower Upper

75 100

77 30.9 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 54.572 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

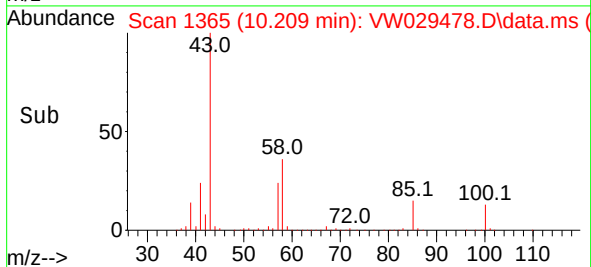
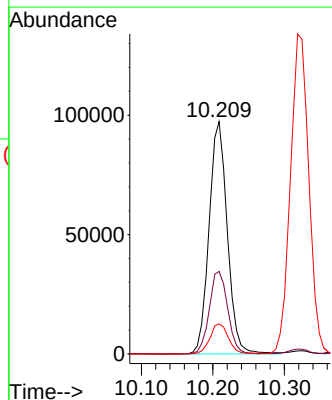
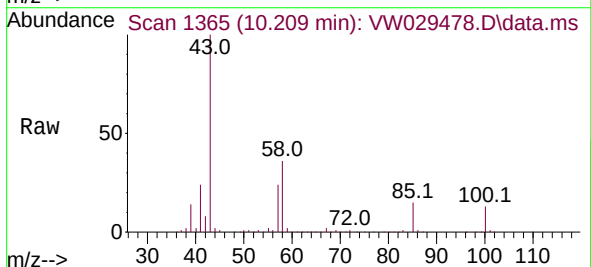
Tgt Ion: 43 Resp: 172203

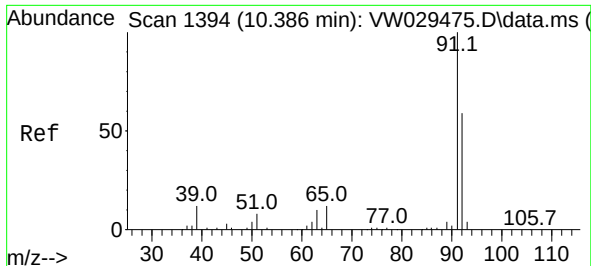
Ion Ratio Lower Upper

43 100

58 36.0 29.0 43.6

100 13.3 10.5 15.7

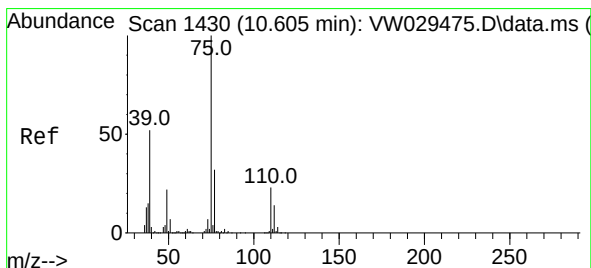
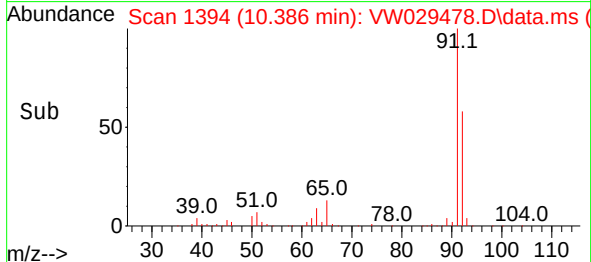
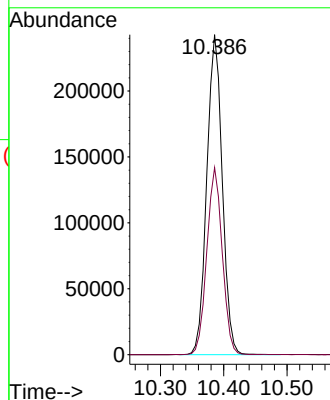
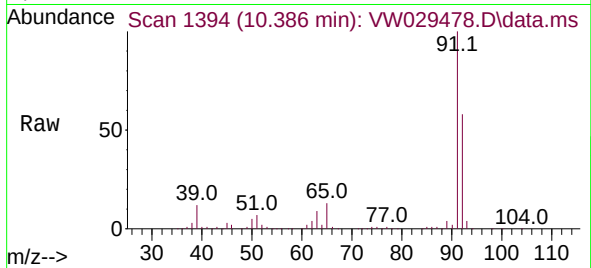




#42
Toluene
Concen: 24.941 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

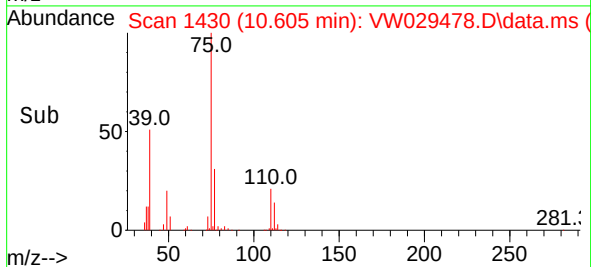
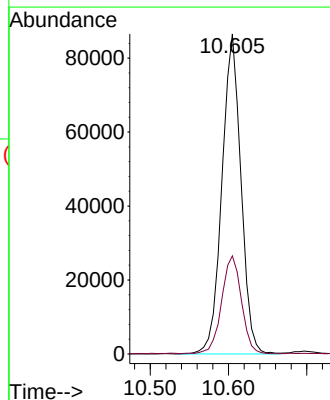
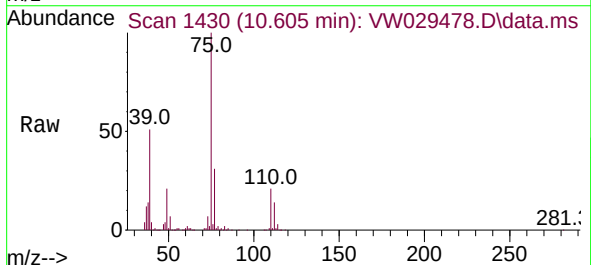
Instrument :
MSVOA_W
ClientSampleId :

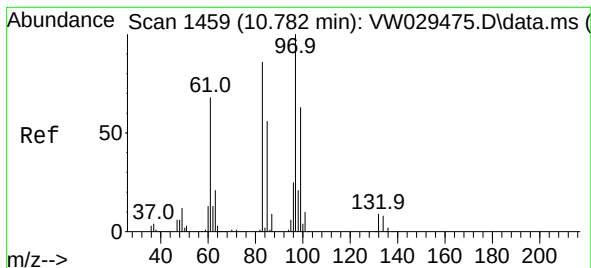
Tgt Ion: 91 Resp: 413133
Ion Ratio Lower Upper
91 100
92 58.4 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.370 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion: 75 Resp: 146226
Ion Ratio Lower Upper
75 100
77 30.7 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 24.662 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 79413

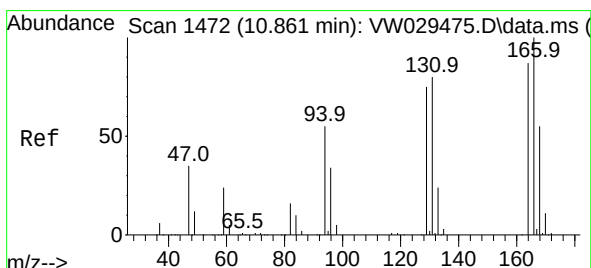
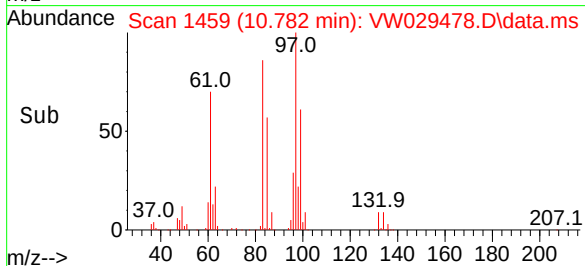
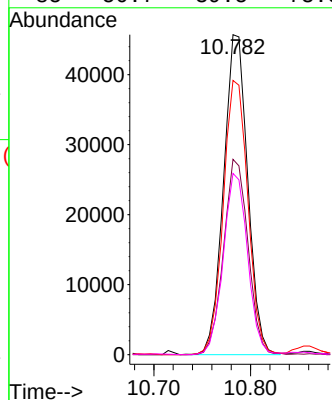
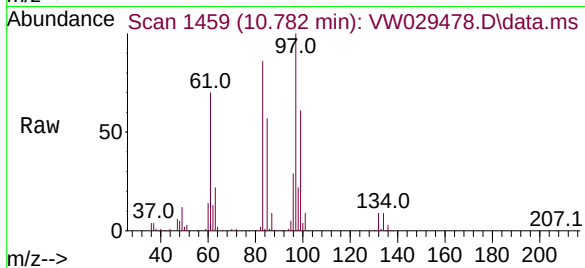
Ion Ratio Lower Upper

97 100

99 61.0 43.8 81.4

83 85.7 60.3 111.9

85 56.7 39.5 73.3



#46

Tetrachloroethene

Concen: 24.649 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Tgt Ion:164 Resp: 74875

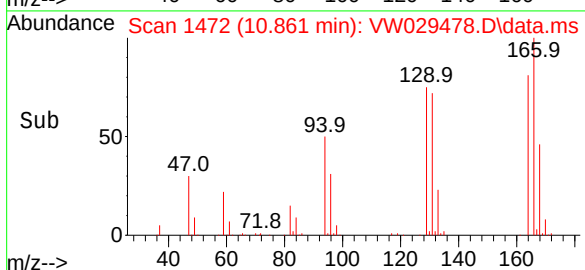
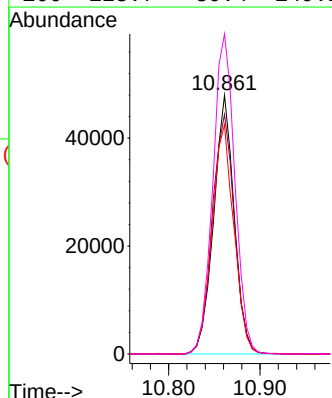
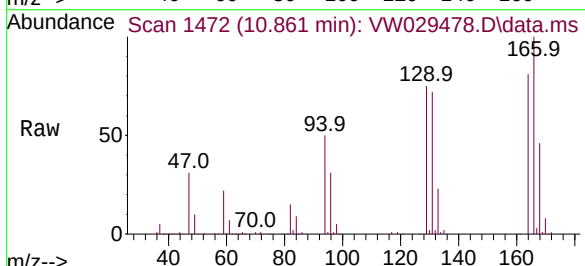
Ion Ratio Lower Upper

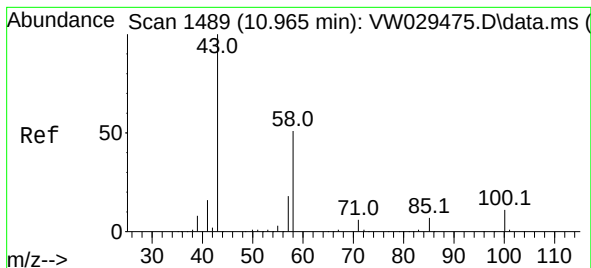
164 100

129 92.6 60.0 111.4

131 88.6 64.6 120.0

166 123.7 80.4 149.2





#48

2-Hexanone

Concen: 56.791 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 43 Resp: 134630

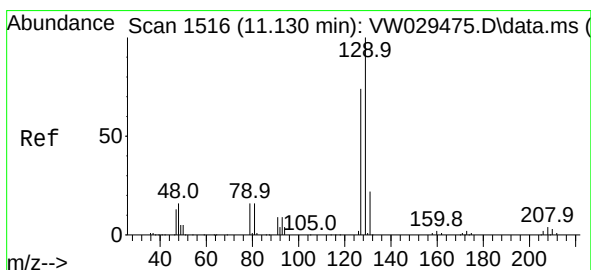
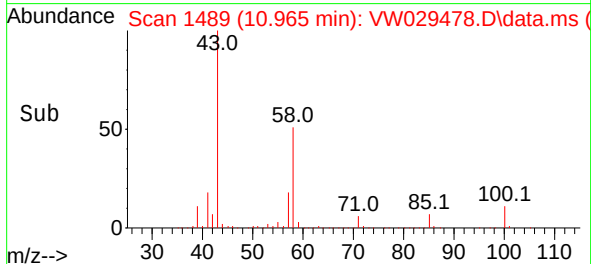
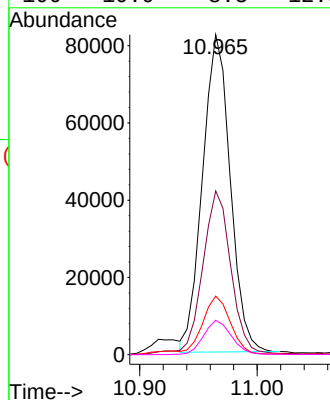
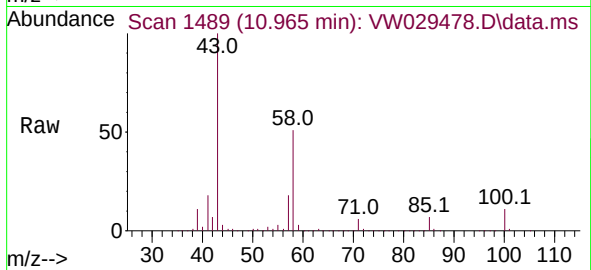
Ion Ratio Lower Upper

43 100

58 51.6 39.8 59.8

57 18.6 14.6 21.8

100 10.9 8.3 12.5



#49

Dibromochloromethane

Concen: 25.002 ug/L

RT: 11.129 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VW029478.D

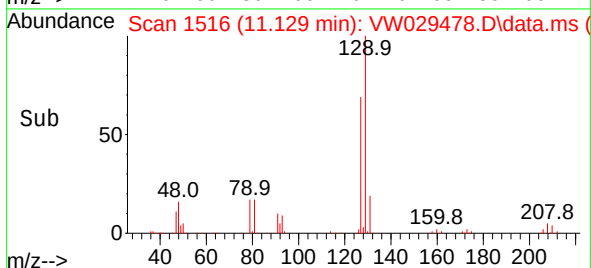
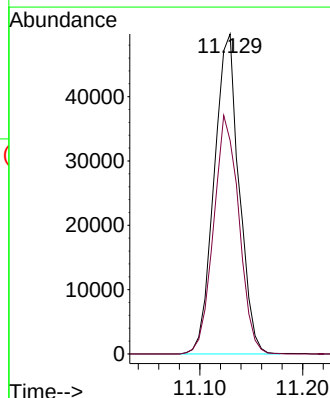
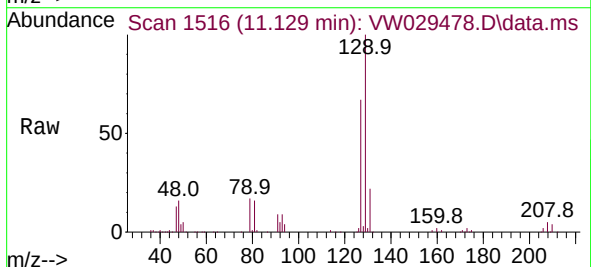
Acq: 08 Jul 2024 16:24

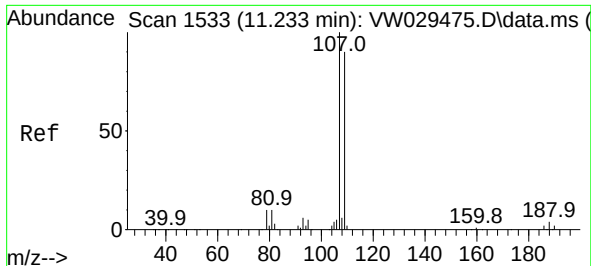
Tgt Ion:129 Resp: 83782

Ion Ratio Lower Upper

129 100

127 66.7 51.9 96.3





#50

1,2-Dibromoethane

Concen: 25.135 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW029478.D

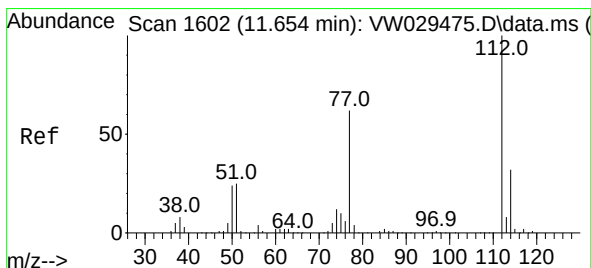
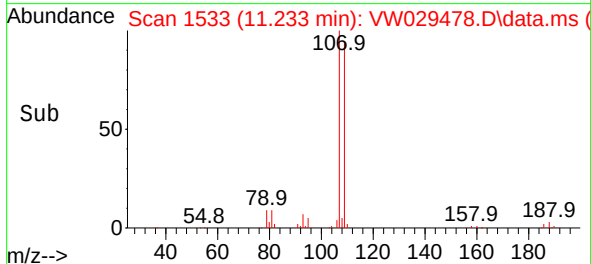
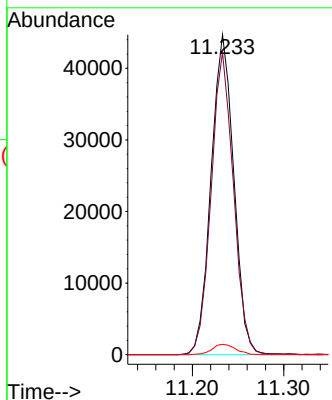
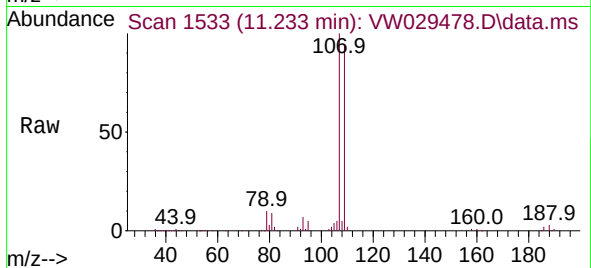
Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	77130
Ion Ratio	Lower	Upper
107	100	
109	94.5	63.2 117.4
188	3.3	2.9 4.3



#51

Chlorobenzene

Concen: 24.134 ug/L

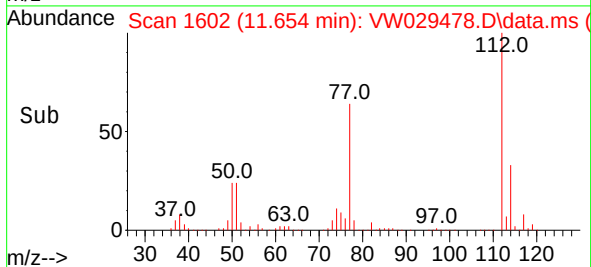
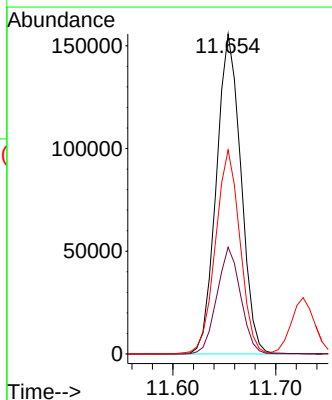
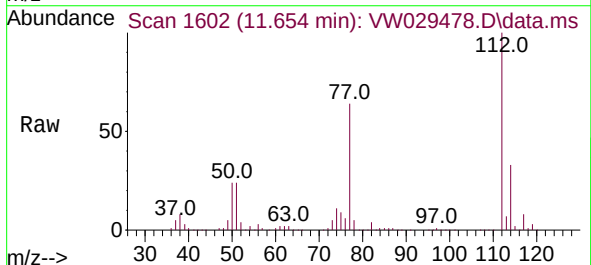
RT: 11.654 min Scan# 1602

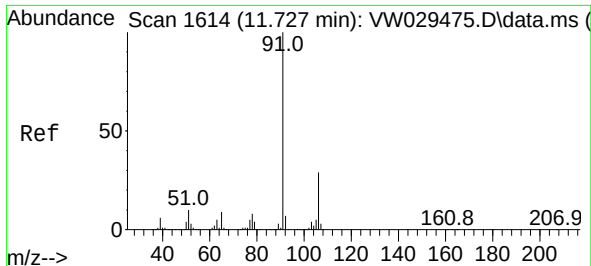
Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Tgt Ion:112	Resp:	258424
Ion Ratio	Lower	Upper
112	100	
114	33.4	22.6 42.0
77	63.7	49.9 74.9





#52

Ethylbenzene

Concen: 25.197 ug/L

RT: 11.727 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

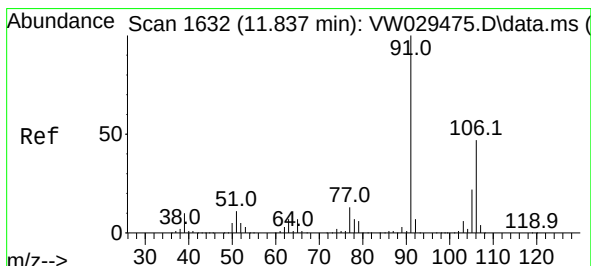
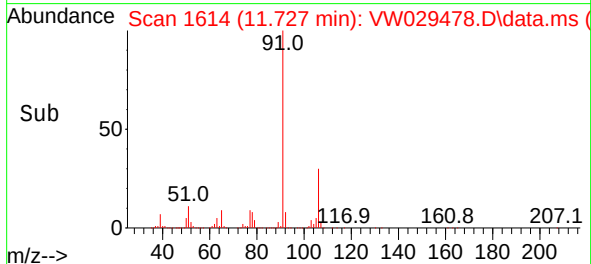
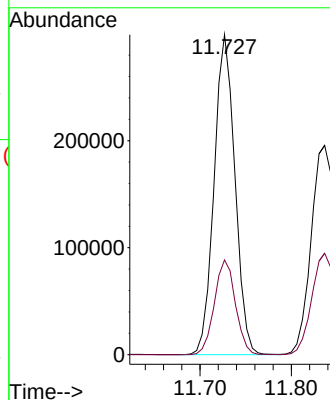
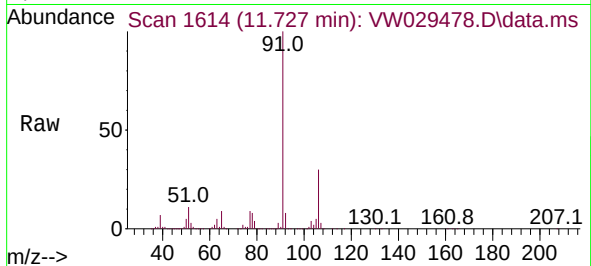
ClientSampleId :

Tgt Ion: 91 Resp: 472860

Ion Ratio Lower Upper

91 100

106 29.6 20.2 37.6



#53

m,p-Xylene

Concen: 25.582 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VW029478.D

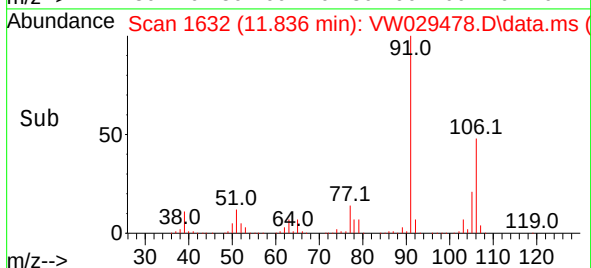
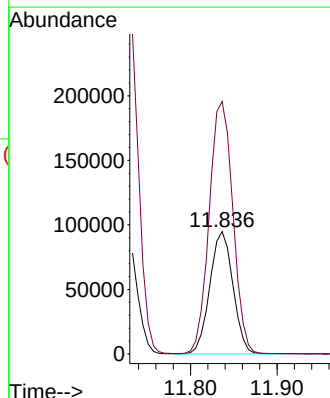
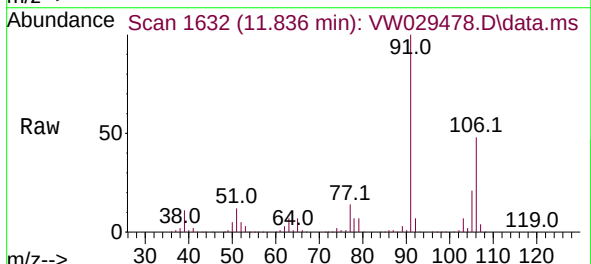
Acq: 08 Jul 2024 16:24

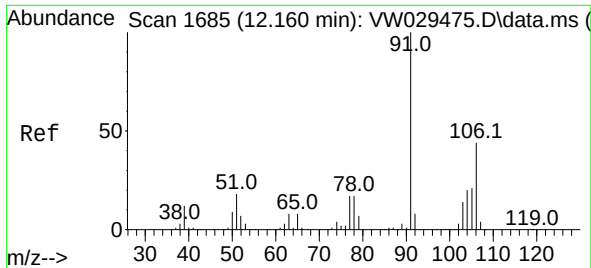
Tgt Ion:106 Resp: 176243

Ion Ratio Lower Upper

106 100

91 206.2 149.3 277.3

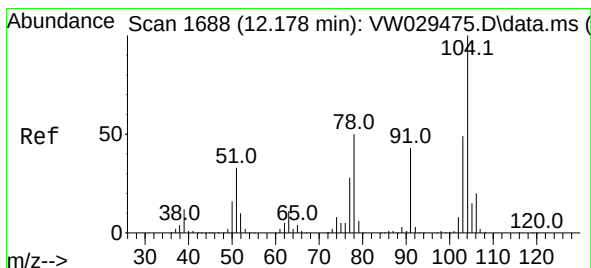
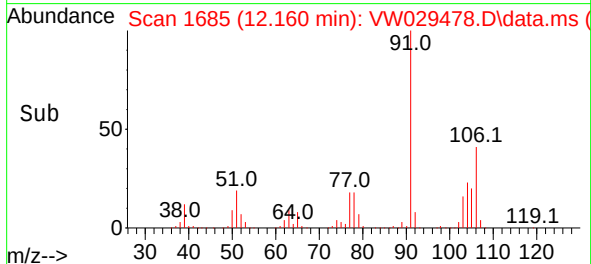
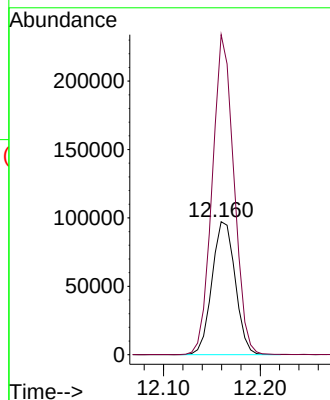
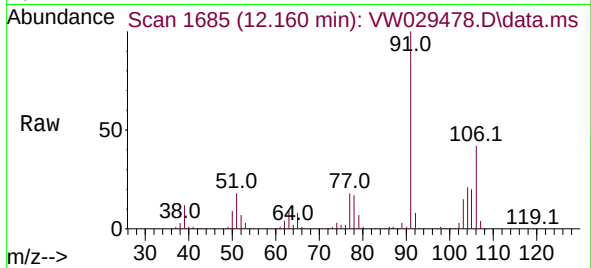




#54
o-Xylene
Concen: 25.383 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

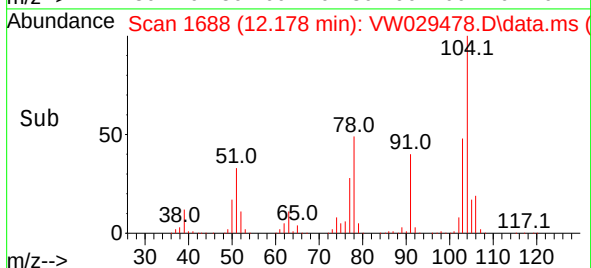
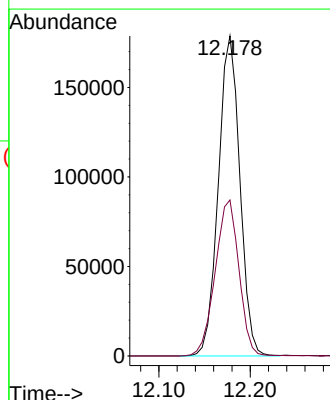
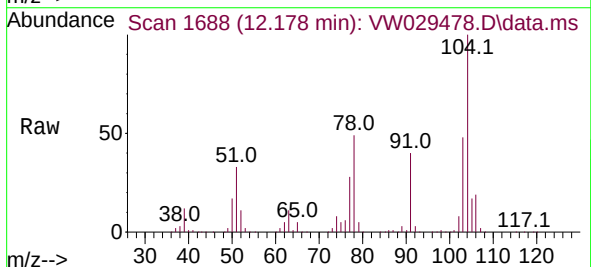
Instrument :
MSVOA_W
ClientSampleId :

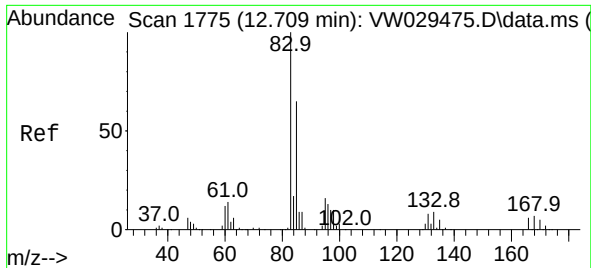
Tgt Ion:106 Resp: 161744
Ion Ratio Lower Upper
106 100
91 240.6 159.2 295.6



#55
Styrene
Concen: 26.153 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion:104 Resp: 293026
Ion Ratio Lower Upper
104 100
78 48.8 34.7 64.5

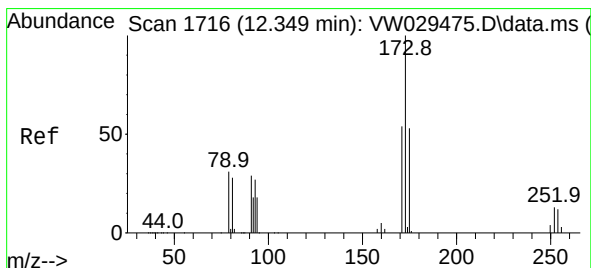
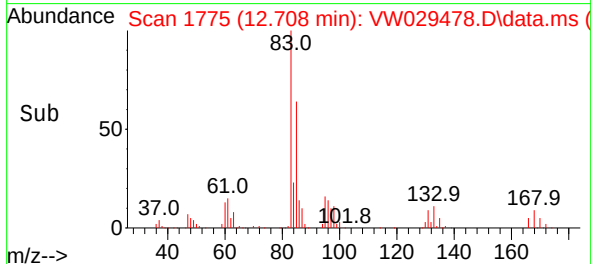
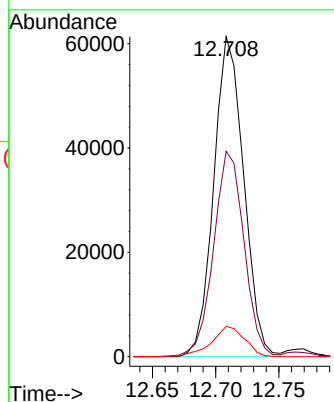
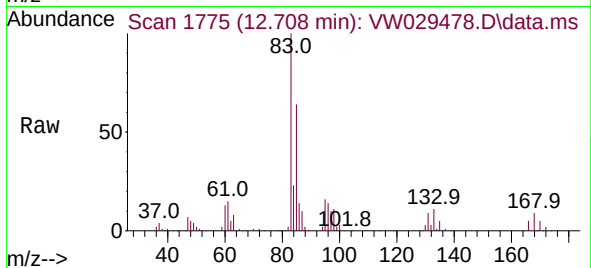




#57
1,1,2,2-Tetrachloroethane
Concen: 24.868 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

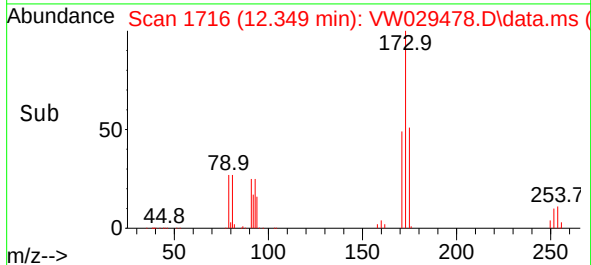
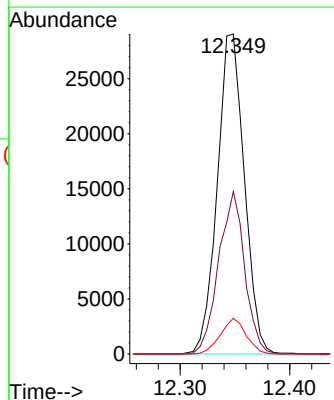
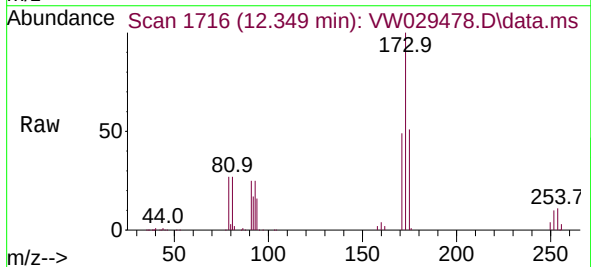
Instrument :
MSVOA_W
ClientSampleId :

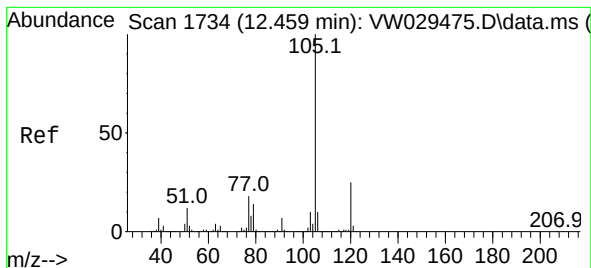
Tgt Ion: 83 Resp: 101008
Ion Ratio Lower Upper
83 100
85 64.2 45.4 84.4
131 9.5 6.4 9.6



#59
Bromoform
Concen: 26.500 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion:173 Resp: 49885
Ion Ratio Lower Upper
173 100
175 48.7 40.4 60.6
254 10.5 8.8 13.2





#60

Isopropylbenzene

Concen: 26.928 ug/L

RT: 12.458 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :

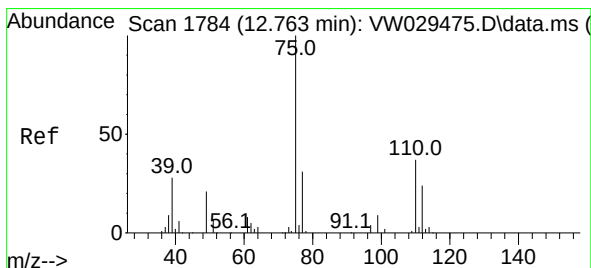
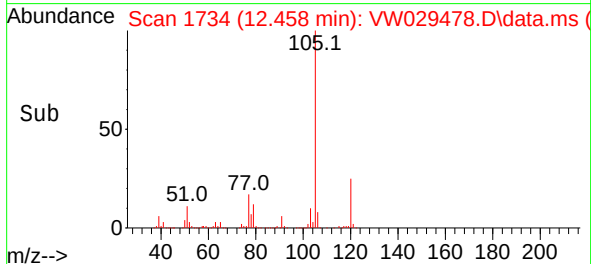
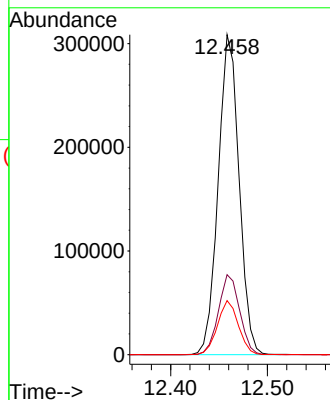
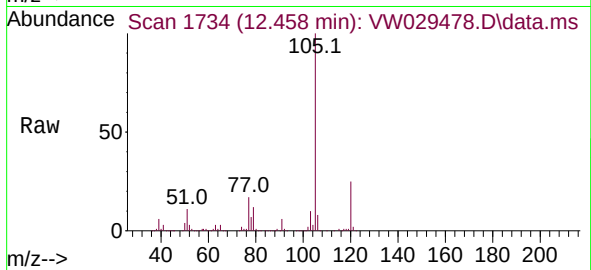
Tgt Ion:105 Resp: 462059

Ion Ratio Lower Upper

105 100

120 25.3 20.2 30.4

77 16.9 13.6 20.4



#61

1,2,3-Trichloropropane

Concen: 26.051 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

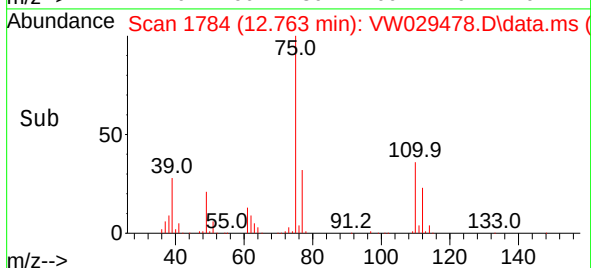
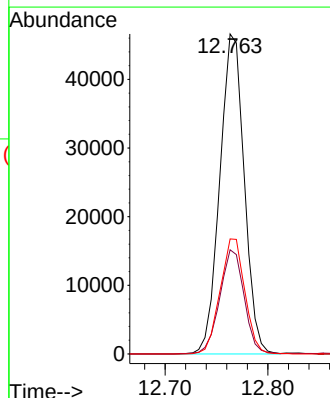
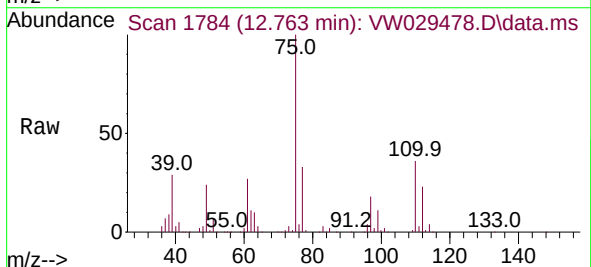
Tgt Ion: 75 Resp: 76886

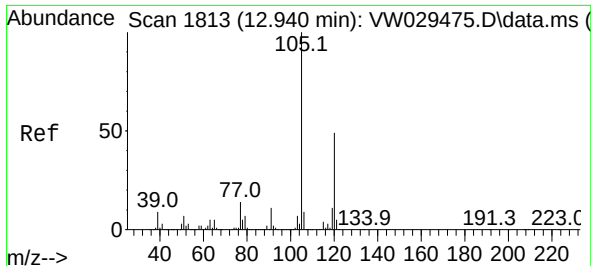
Ion Ratio Lower Upper

75 100

77 32.6 25.5 38.3

110 36.4 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 27.325 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. -0.000 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

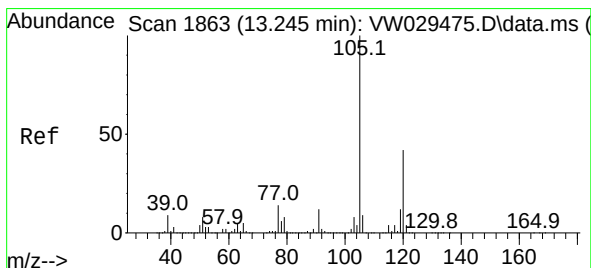
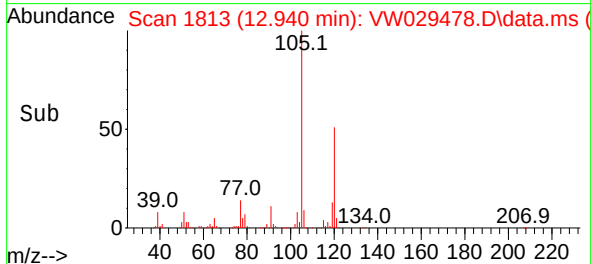
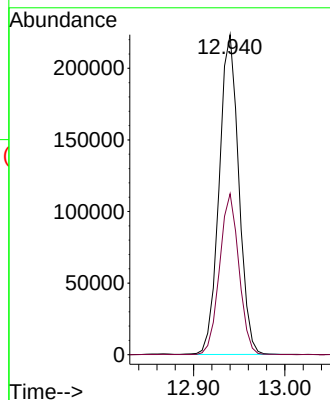
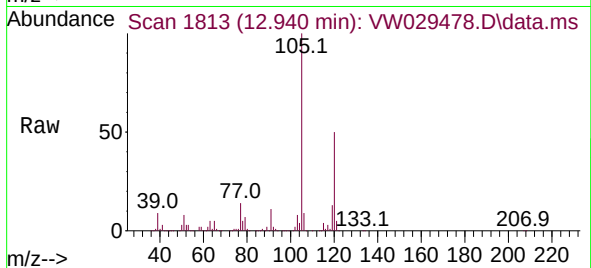
ClientSampleId :

Tgt Ion:105 Resp: 333508

Ion Ratio Lower Upper

105 100

120 49.4 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 27.570 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. -0.000 min

Lab File: VW029478.D

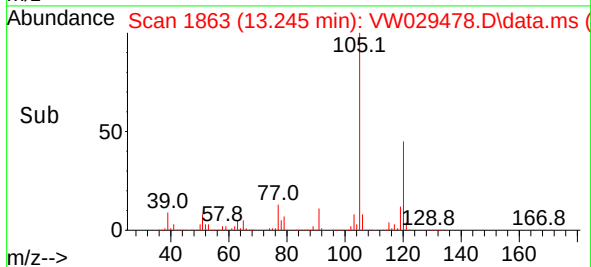
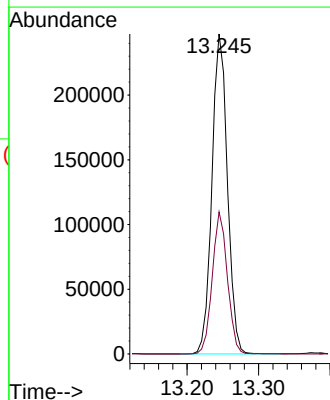
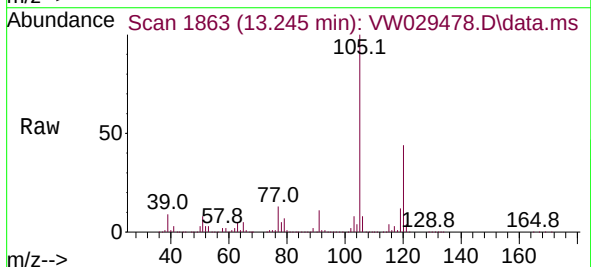
Acq: 08 Jul 2024 16:24

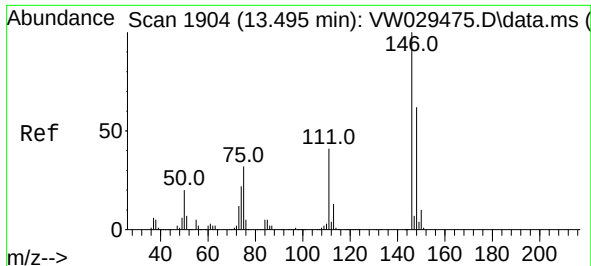
Tgt Ion:105 Resp: 371397

Ion Ratio Lower Upper

105 100

120 43.3 34.7 52.1

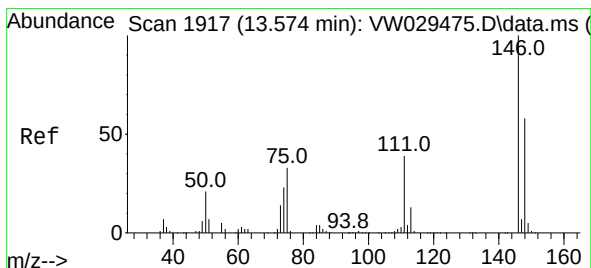
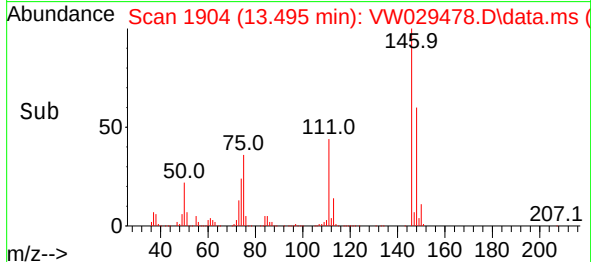
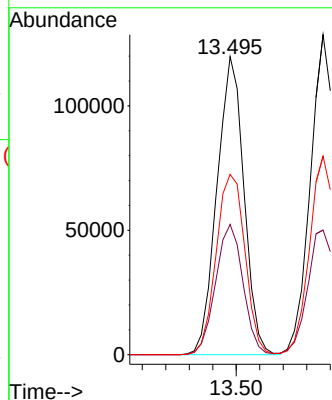
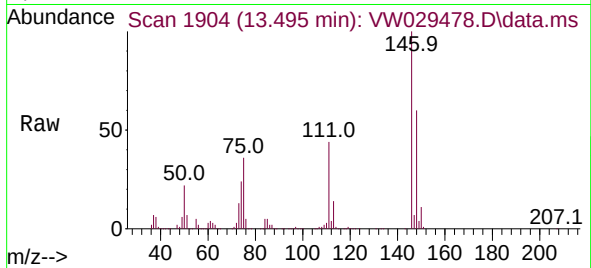




#64
1,3-Dichlorobenzene
Concen: 24.874 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

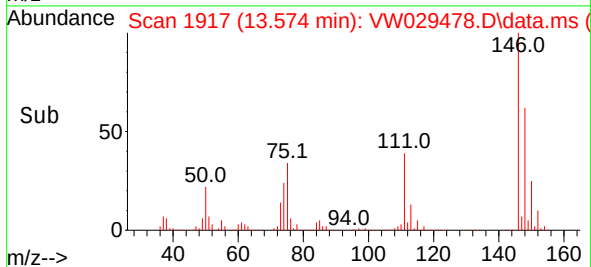
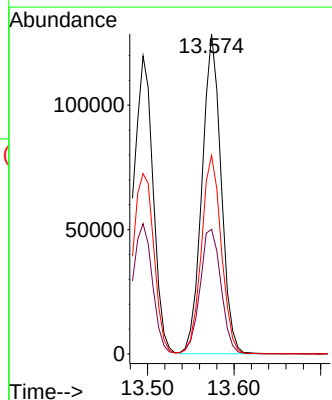
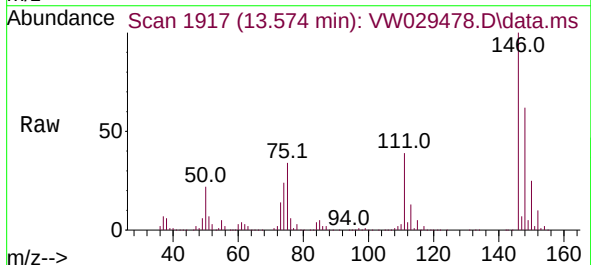
Instrument :
MSVOA_W
ClientSampleId :

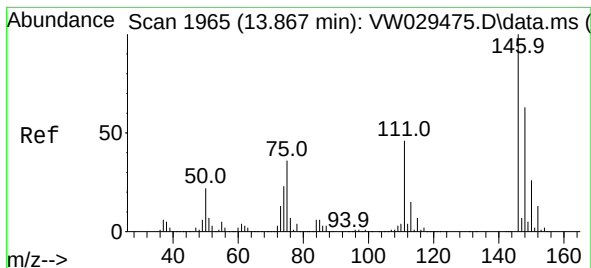
Tgt Ion:146 Resp: 191308
Ion Ratio Lower Upper
146 100
111 43.7 28.6 53.2
148 60.5 43.0 80.0



#65
1,4-Dichlorobenzene
Concen: 24.967 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion:146 Resp: 196724
Ion Ratio Lower Upper
146 100
111 38.9 27.6 51.4
148 62.1 40.9 75.9

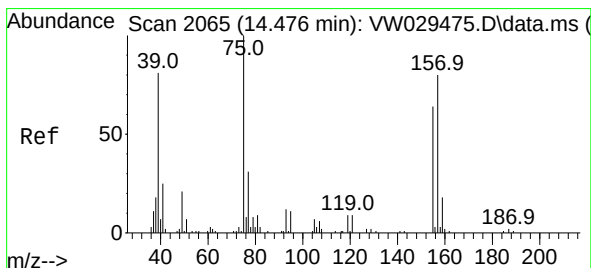
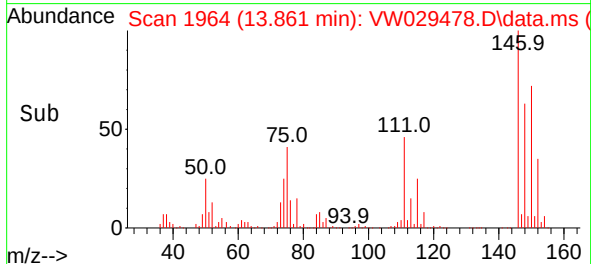
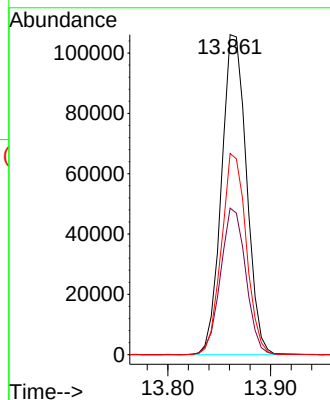
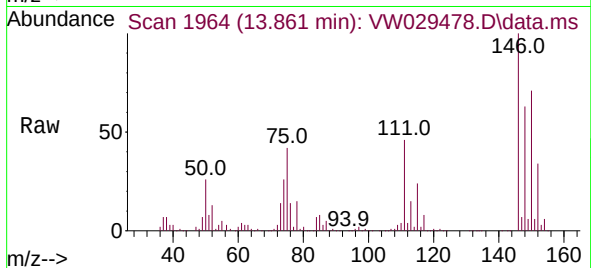




#67
1,2-Dichlorobenzene
Concen: 25.789 ug/L
RT: 13.861 min Scan# 1965
Delta R.T. -0.006 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

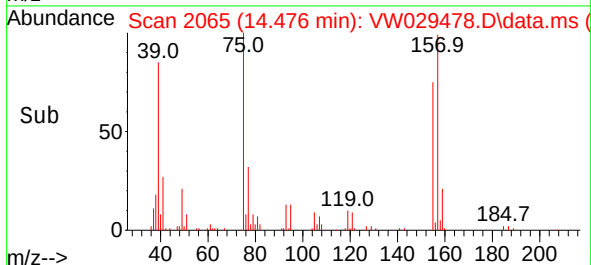
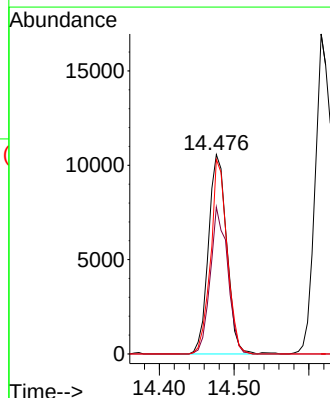
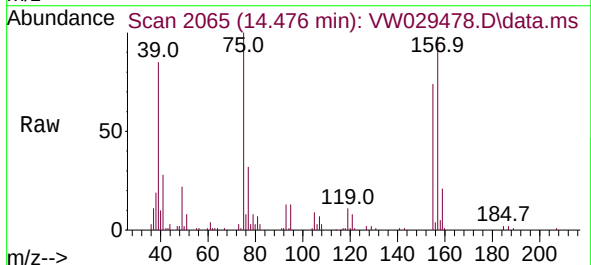
Instrument :
MSVOA_W
ClientSampleId :

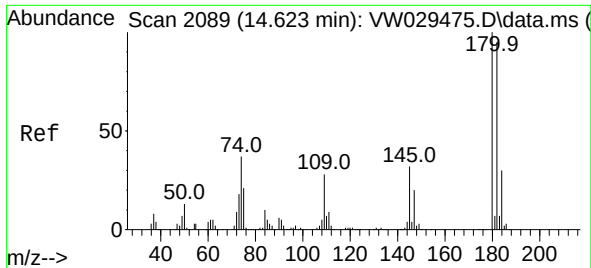
Tgt Ion:146 Resp: 179294
Ion Ratio Lower Upper
146 100
111 45.8 37.1 55.7
148 62.9 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 25.521 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.000 min
Lab File: VW029478.D
Acq: 08 Jul 2024 16:24

Tgt Ion: 75 Resp: 18007
Ion Ratio Lower Upper
75 100
155 73.7 51.2 76.8
157 97.7 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 26.058 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

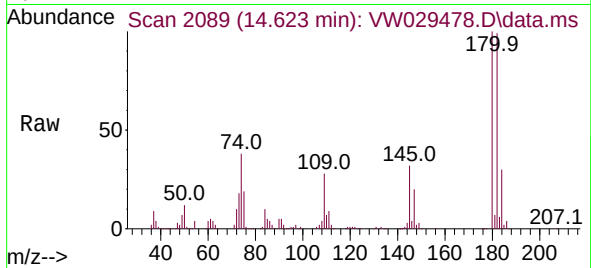
Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 130744

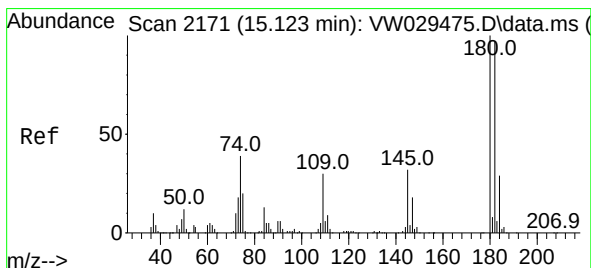
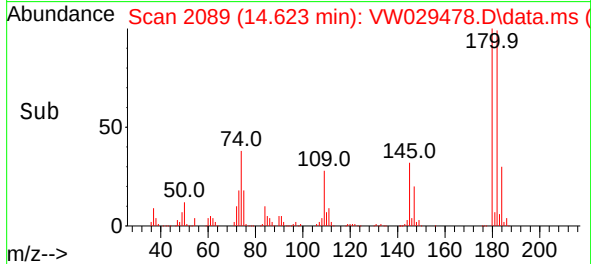
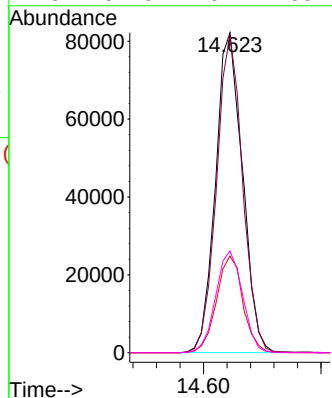
Ion Ratio Lower Upper

180 100

182 96.1 77.9 116.9

184 29.6 24.4 36.6

145 31.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 25.408 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW029478.D

Acq: 08 Jul 2024 16:24

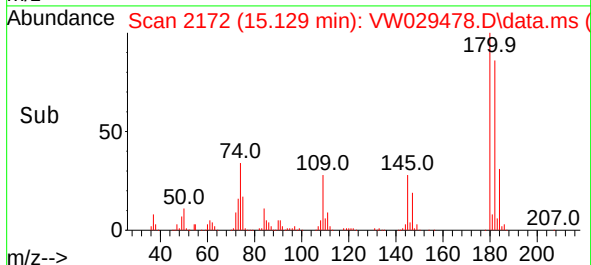
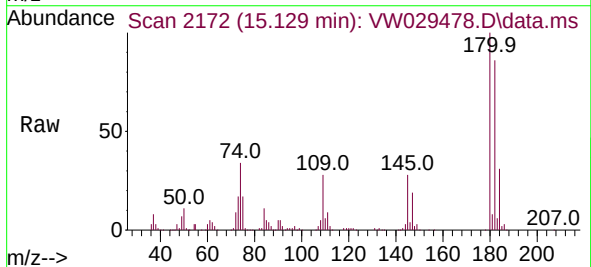
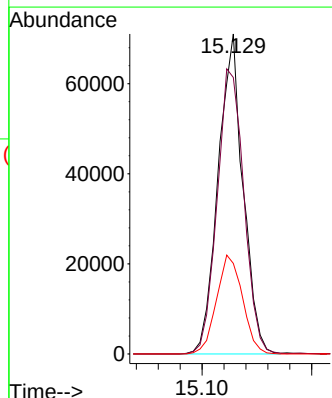
Tgt Ion:180 Resp: 112173

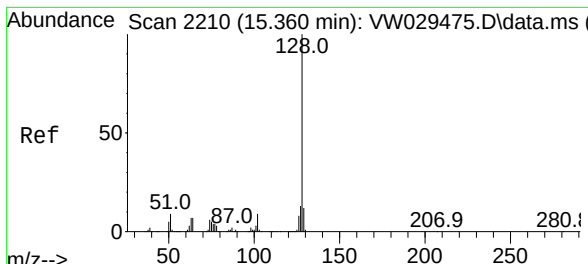
Ion Ratio Lower Upper

180 100

182 95.6 74.7 112.1

145 32.2 26.2 39.2



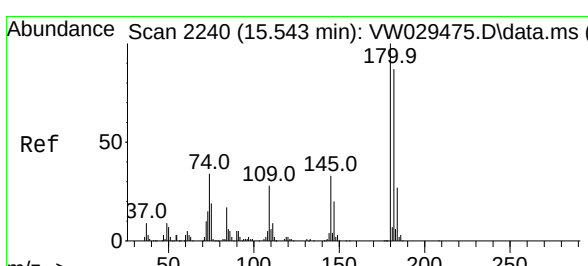
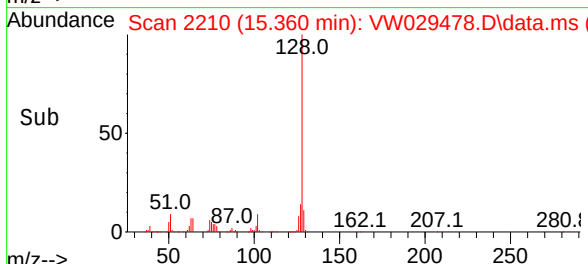
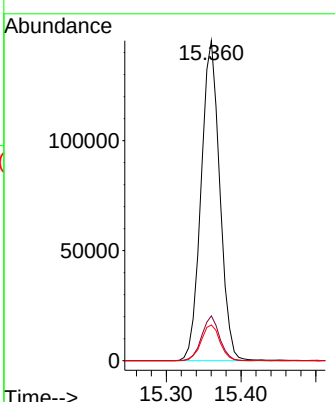
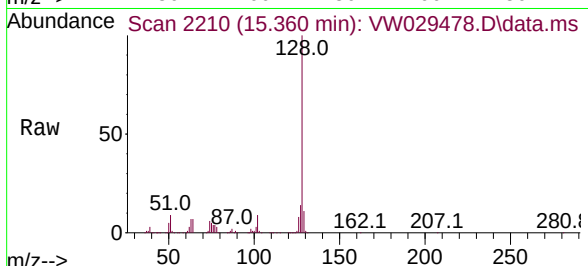


#71
 Naphthalene
 Concen: 27.194 ug/L
 RT: 15.360 min Scan# 2210
 Delta R.T. -0.000 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:128 Resp: 251992

Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	11.3	9.0	13.4



#72
 1,2,3-Trichlorobenzene
 Concen: 26.961 ug/L
 RT: 15.549 min Scan# 2241
 Delta R.T. 0.006 min
 Lab File: VW029478.D
 Acq: 08 Jul 2024 16:24

Tgt Ion:180 Resp: 108146

Ion	Ratio	Lower	Upper
180	100		
182	92.9	73.4	110.0
145	33.1	26.9	40.3

