

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029495.D
 Acq On : 10 Jul 2024 09:47
 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 11 02:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 10 01:18:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	273631	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	249381	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	124963	25.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	111119	25.138	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.560%
7) Chloroethane-d5	2.899	69	82584	25.947	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	103.800%
11) 1,1-Dichloroethene-d2	4.021	65	51400	25.895	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.560%
21) 2-Butanone-d5	7.075	46	55653	41.941	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.880%
24) Chloroform-d	7.648	84	211368	26.720	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.880%
26) 1,2-Dichloroethane-d4	8.307	65	120622	25.997	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.000%
32) Benzene-d6	8.270	84	415751	27.829	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.320%
36) 1,2-Dichloropropane-d6	9.270	67	129845	27.183	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.720%
41) Toluene-d8	10.319	98	372543	28.355	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.440%
43) trans-1,3-Dichloroprop...	10.575	79	51359	25.391	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.560%
47) 2-Hexanone-d5	10.922	63	39198	45.160	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.320%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	94986	24.492	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	97.960%
66) 1,2-Dichlorobenzene-d4	13.849	152	114335	26.272	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.080%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.015	85	48076	17.942	ug/L	96
3) Chloromethane	2.223	50	81999	22.873	ug/L	94
5) Vinyl chloride	2.375	62	100210	24.494	ug/L	95
6) Bromomethane	2.790	94	61317	25.313	ug/L	95
8) Chloroethane	2.936	64	64410	25.586	ug/L	98
9) Trichlorofluoromethane	3.265	101	89758	24.373	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	91548	25.260	ug/L	95
12) 1,1-Dichloroethene	4.045	96	87163	25.614	ug/L	98
13) Acetone	4.119	43	58085	43.370	ug/L	100
14) Carbon disulfide	4.393	76	284502	25.745	ug/L	99
15) Methyl Acetate	4.667	43	48770	20.741	ug/L	98
16) Methylene chloride	4.917	84	103786	21.186	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	96983	25.745	ug/L	93
18) Methyl tert-butyl Ether	5.423	73	150675	23.509	ug/L	99
19) 1,1-Dichloroethane	6.216	63	199449	25.781	ug/L	97
20) cis-1,2-Dichloroethene	7.173	96	106479	25.849	ug/L	97
22) 2-Butanone	7.167	43	70564	40.134	ug/L	99
23) Bromochloromethane	7.520	128	44826	24.193	ug/L	86
25) Chloroform	7.673	83	192435	25.708	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
 Data File : VW029495.D
 Acq On : 10 Jul 2024 09:47
 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 11 02:09:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 10 01:18:26 2024
 Response via : Initial Calibration

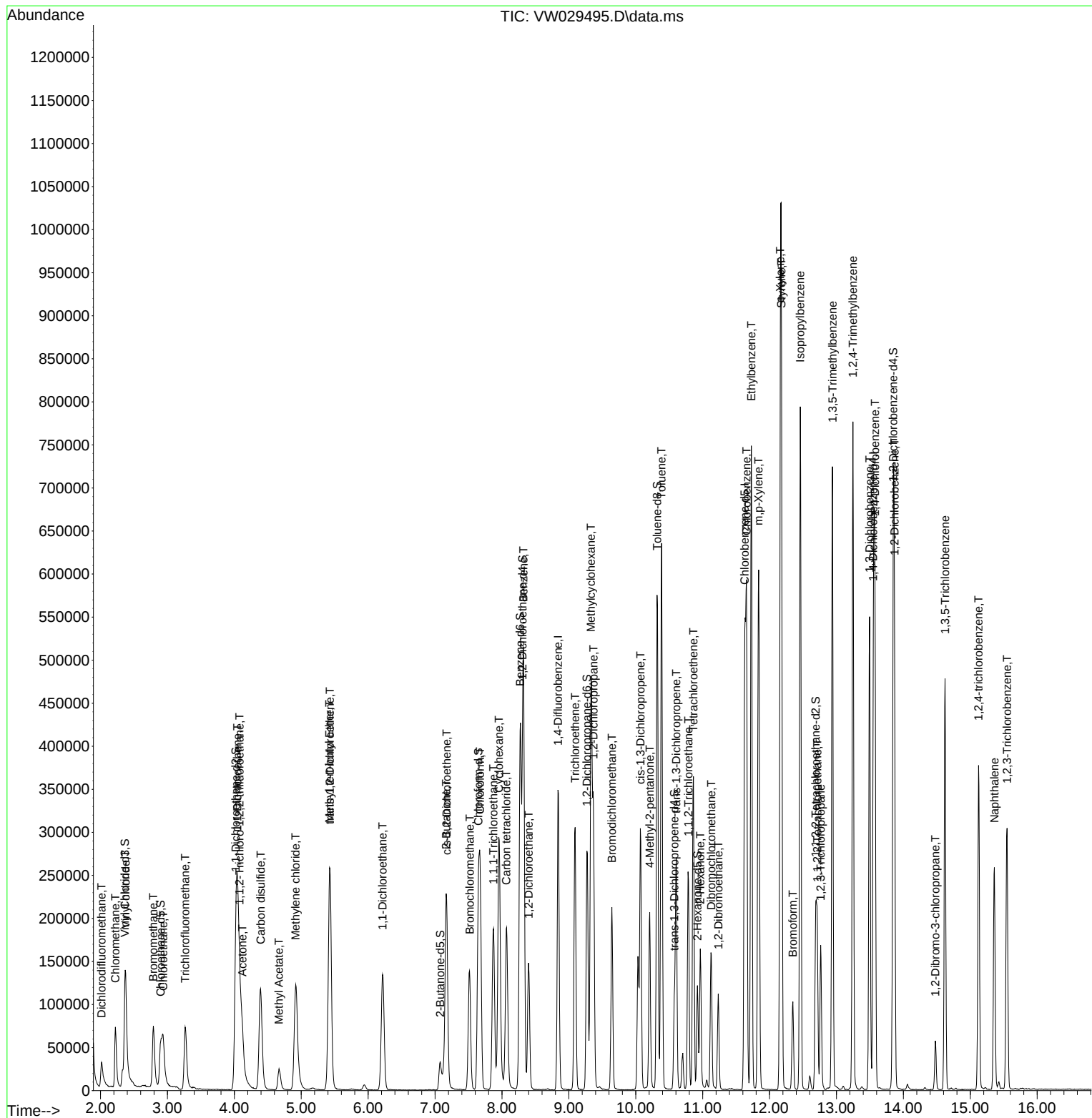
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	136024	24.228	ug/L #	95
29) Cyclohexane	7.953	56	169922	27.364	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	153202	26.902	ug/L	100
31) Carbon tetrachloride	8.063	117	139330	26.715	ug/L	99
33) Benzene	8.319	78	421168	26.993	ug/L	100
34) Trichloroethene	9.093	95	109185	26.499	ug/L	97
35) Methylcyclohexane	9.331	83	183548	27.715	ug/L	99
37) 1,2-Dichloropropane	9.368	63	115836	26.847	ug/L	100
38) Bromodichloromethane	9.642	83	136844	25.966	ug/L	96
39) cis-1,3-Dichloropropene	10.069	75	172805	26.665	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	140327	46.147	ug/L	99
42) Toluene	10.386	91	443672	27.795	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	142042	25.573	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	76358	24.607	ug/L	97
46) Tetrachloroethene	10.861	164	75976	25.954	ug/L	86
48) 2-Hexanone	10.965	43	106032	46.414	ug/L	100
49) Dibromochloromethane	11.130	129	82440	25.529	ug/L	93
50) 1,2-Dibromoethane	11.233	107	71250	24.095	ug/L	95
51) Chlorobenzene	11.654	112	279573	27.094	ug/L	98
52) Ethylbenzene	11.727	91	498962	27.590	ug/L	99
53) m,p-Xylene	11.837	106	184564	27.800	ug/L	100
54) o-Xylene	12.160	106	177750	28.947	ug/L	88
55) Styrene	12.178	104	306741	28.409	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.715	83	92568	23.649	ug/L	96
59) Bromoform	12.349	173	44269	22.950	ug/L	98
60) Isopropylbenzene	12.459	105	481478	27.384	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	68287	22.579	ug/L	99
62) 1,3,5-Trimethylbenzene	12.940	105	365631	29.234	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	386918	28.030	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	204467	25.944	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	202816	25.120	ug/L	91
67) 1,2-Dichlorobenzene	13.867	146	184297	25.869	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.477	75	14529	20.095	ug/L #	85
69) 1,3,5-Trichlorobenzene	14.623	180	135987	26.450	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	112622	24.895	ug/L	98
71) Naphthalene	15.360	128	209006	22.012	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	99218	24.139	ug/L	98

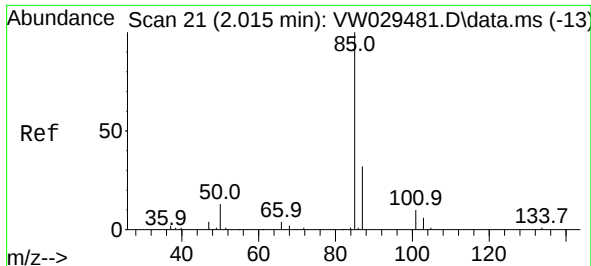
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071024\
Data File : VW029495.D
Acq On : 10 Jul 2024 09:47
Operator : SY/MD
Sample : VSTDC0025
Misc : 5.00g/10mL/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Jul 11 02:09:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070824SMA.M
Quant Title : SFAM01.0
QLast Update : Wed Jul 10 01:18:26 2024
Response via : Initial Calibration

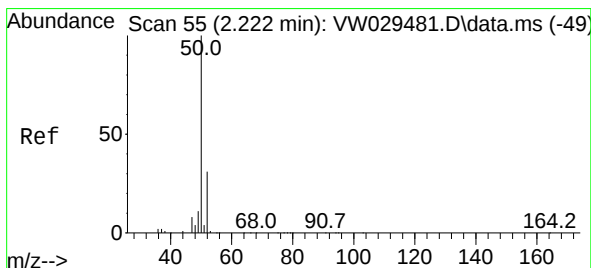
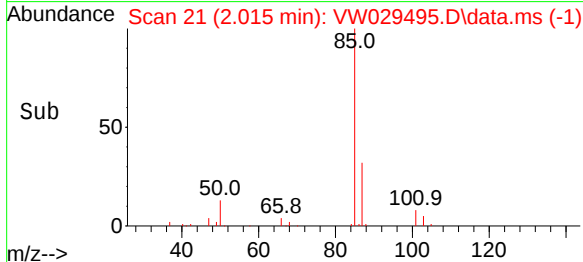
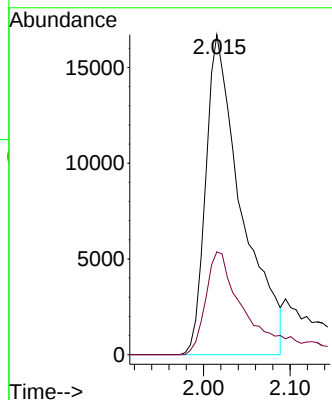
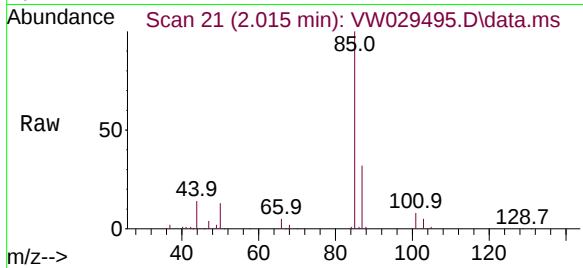




#2
Dichlorodifluoromethane
Concen: 17.942 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

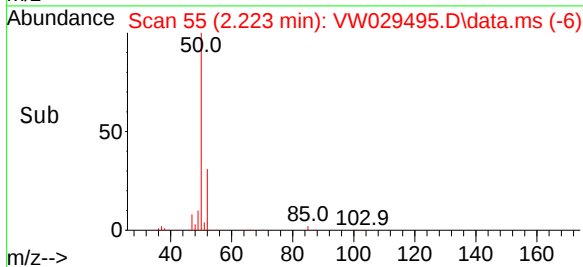
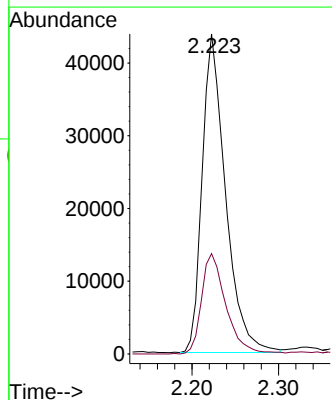
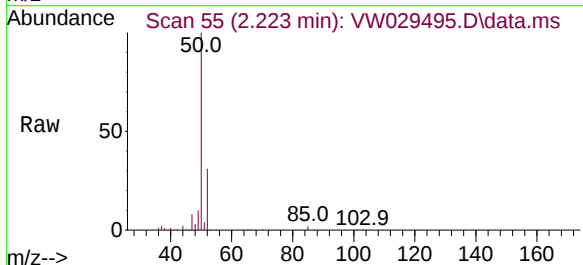
Instrument :
MSVOA_W
ClientSampleId :

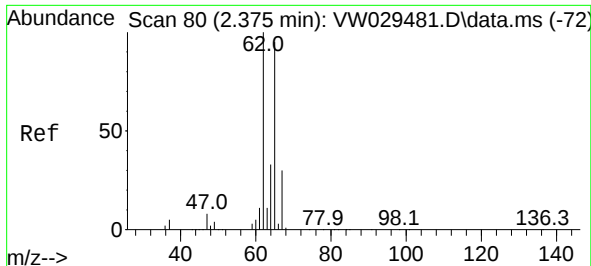
Tgt Ion: 85 Resp: 48076
Ion Ratio Lower Upper
85 100
87 34.9 26.1 39.1



#3
Chloromethane
Concen: 22.873 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 50 Resp: 81999
Ion Ratio Lower Upper
50 100
52 31.4 24.4 45.2

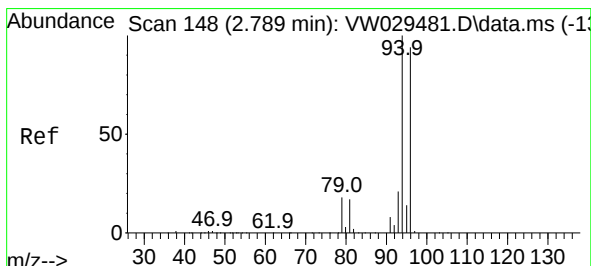
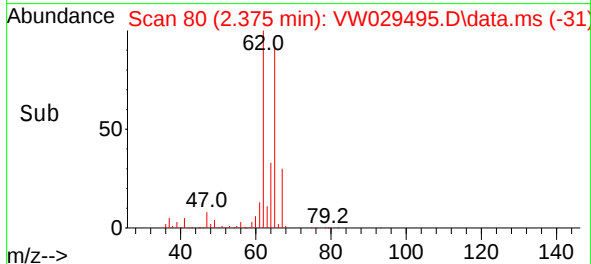
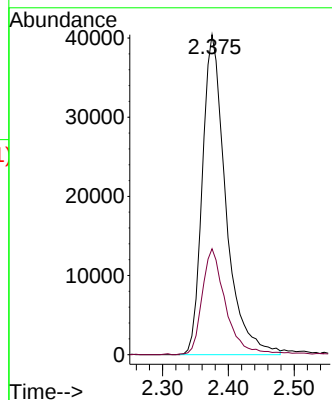
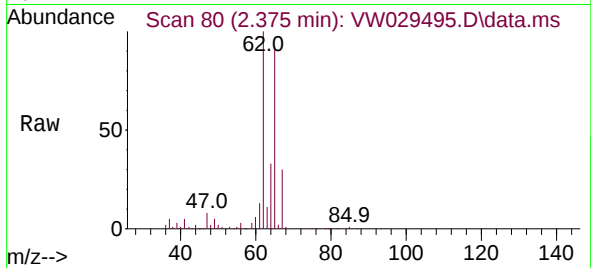




#5
 Vinyl chloride
 Concen: 24.494 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: VW029495.D
 Acq: 10 Jul 2024 09:47

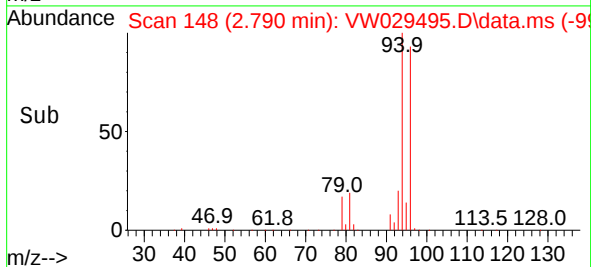
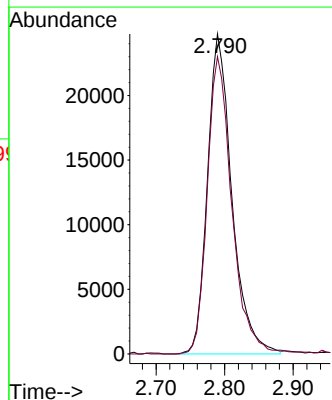
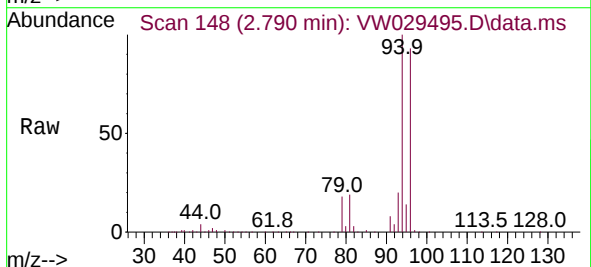
Instrument :
 MSVOA_W
 ClientSampleId :

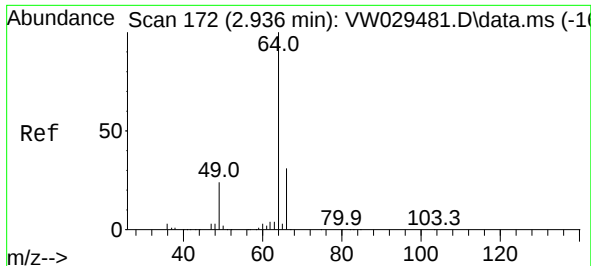
Tgt Ion: 62 Resp: 100210
 Ion Ratio Lower Upper
 62 100
 64 33.1 25.1 46.5



#6
 Bromomethane
 Concen: 25.313 ug/L
 RT: 2.790 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029495.D
 Acq: 10 Jul 2024 09:47

Tgt Ion: 94 Resp: 61317
 Ion Ratio Lower Upper
 94 100
 96 92.9 61.7 114.7

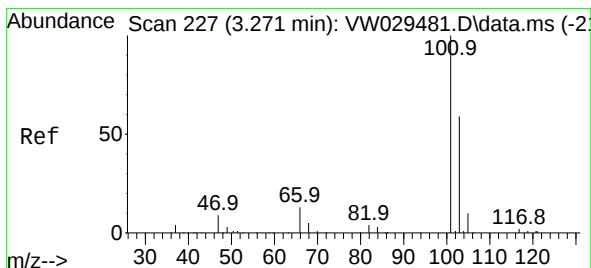
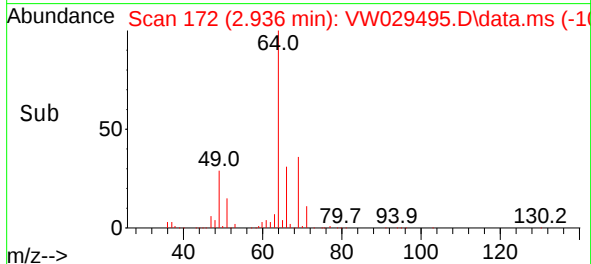
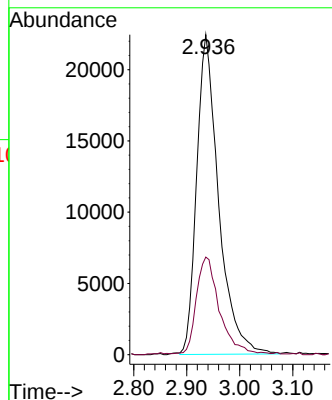
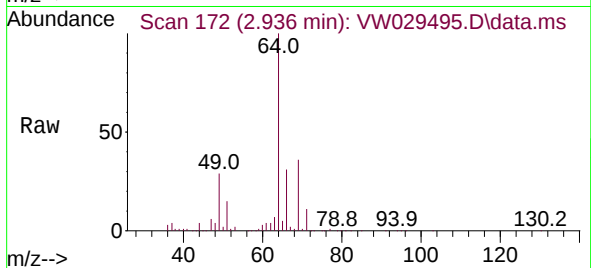




#8
Chloroethane
Concen: 25.586 ug/L
RT: 2.936 min Scan# 172
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

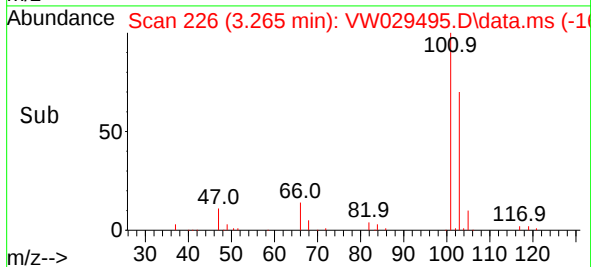
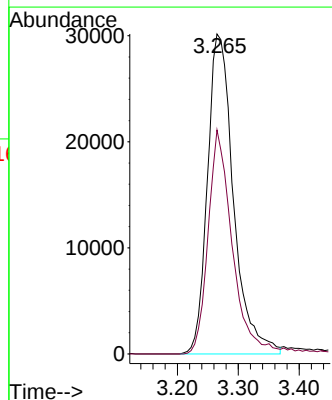
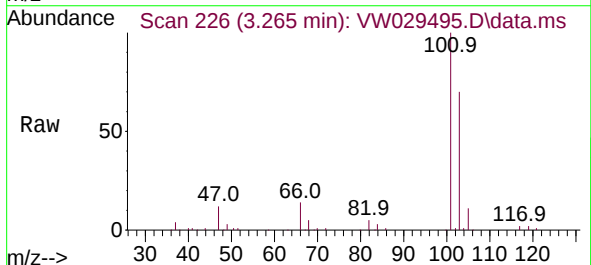
Instrument :
MSVOA_W
ClientSampleId :

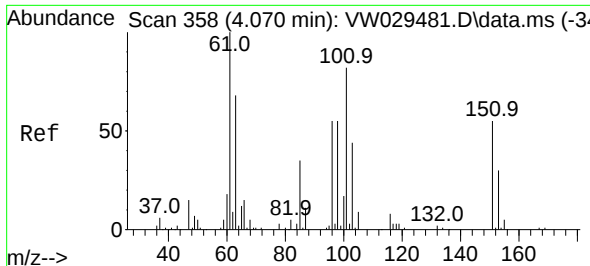
Tgt Ion: 64 Resp: 64410
Ion Ratio Lower Upper
64 100
66 30.5 22.3 41.3



#9
Trichlorofluoromethane
Concen: 24.373 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion:101 Resp: 89758
Ion Ratio Lower Upper
101 100
103 63.4 49.6 74.4





#10

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

Concen: 25.260 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

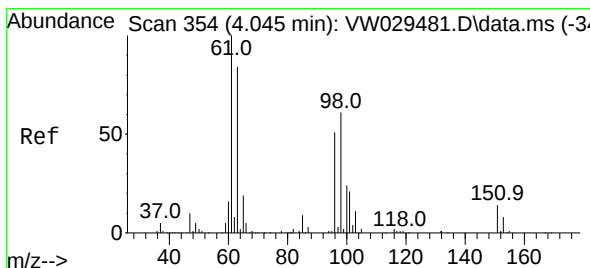
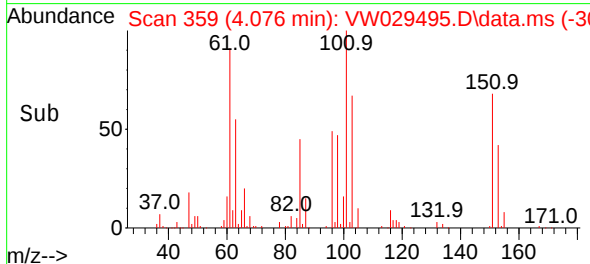
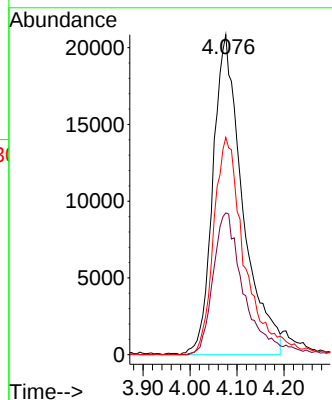
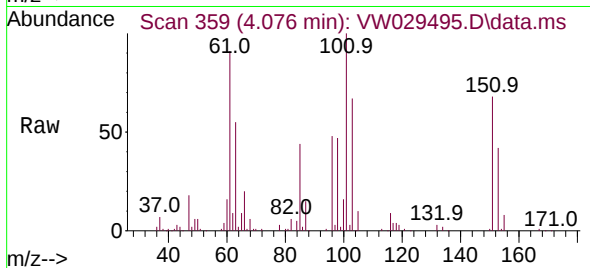
Tgt Ion:101 Resp: 91548

Ion Ratio Lower Upper

101 100

85 44.9 33.8 50.8

151 64.9 55.4 83.0



#12

1,1-Dichloroethene

Concen: 25.614 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

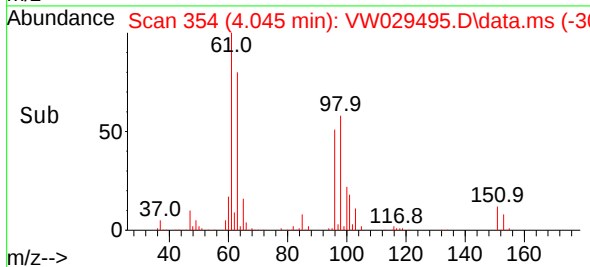
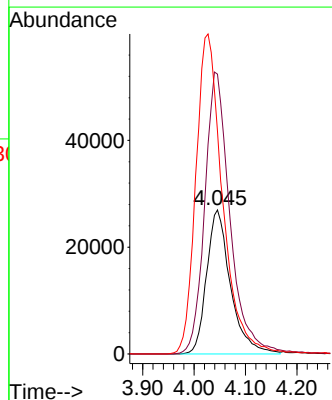
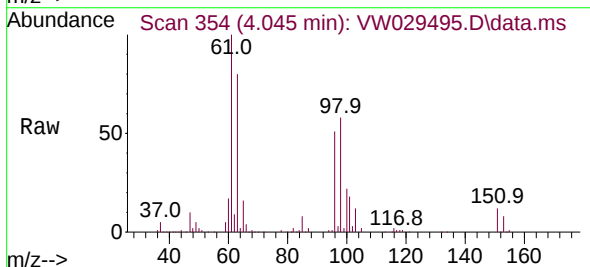
Tgt Ion: 96 Resp: 87163

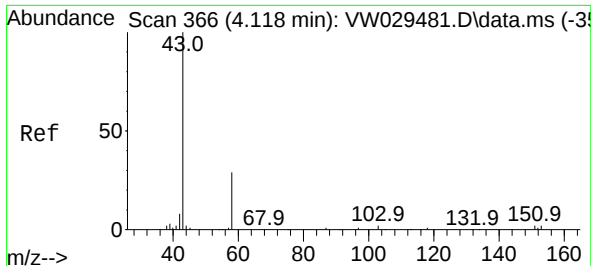
Ion Ratio Lower Upper

96 100

61 194.3 132.4 245.8

63 154.7 108.4 201.2

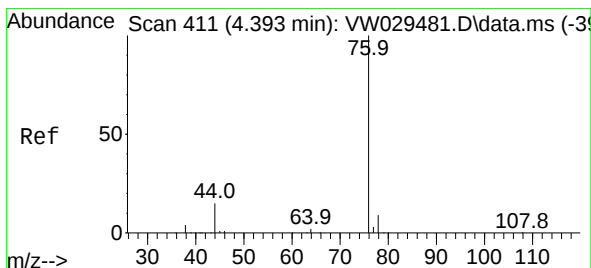
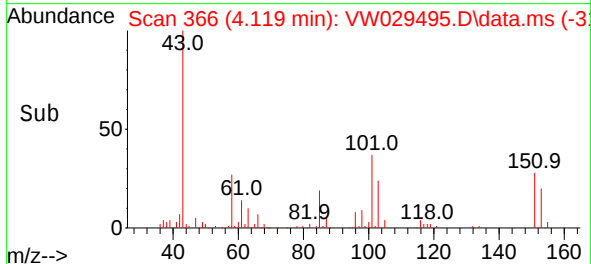
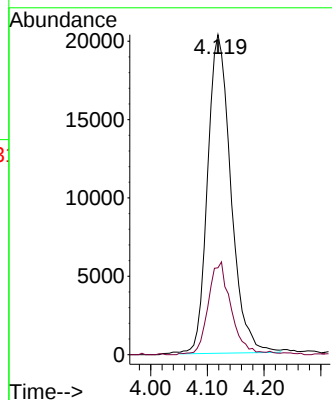
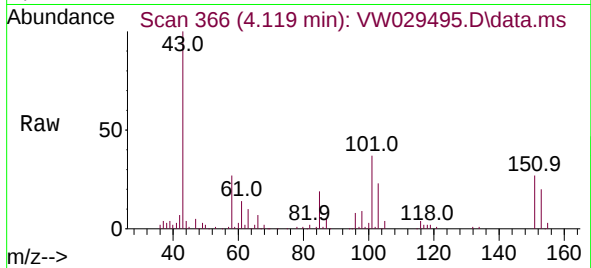




#13
Acetone
Concen: 43.370 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

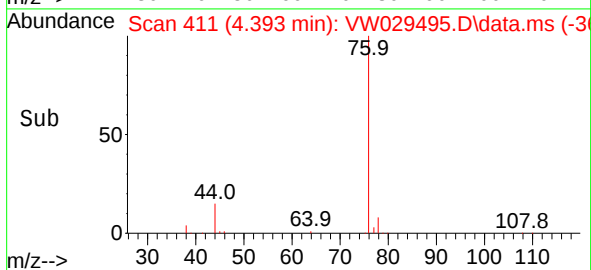
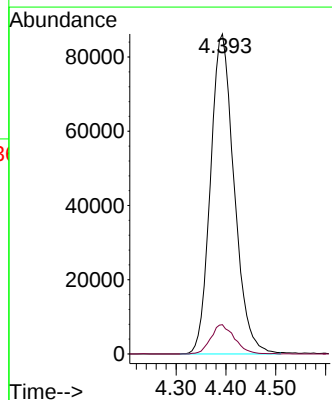
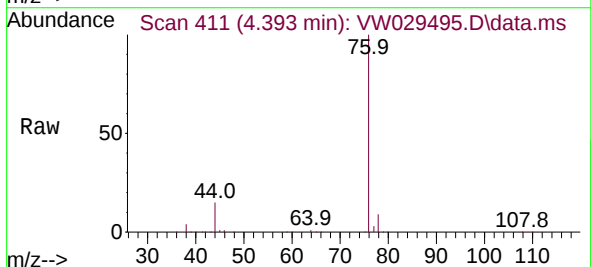
Instrument :
MSVOA_W
ClientSampleId :

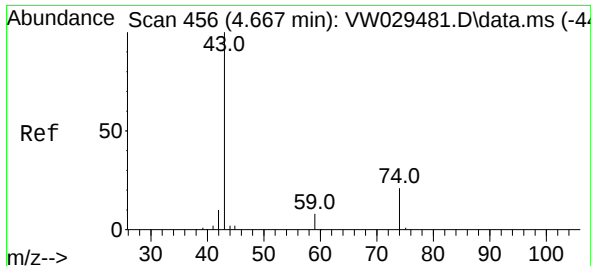
Tgt Ion: 43 Resp: 58085
Ion Ratio Lower Upper
43 100
58 28.0 0.0 55.6



#14
Carbon disulfide
Concen: 25.745 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 76 Resp: 284502
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4

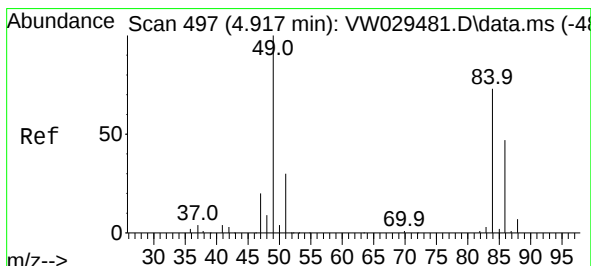
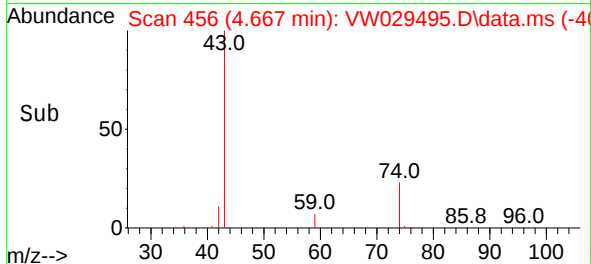
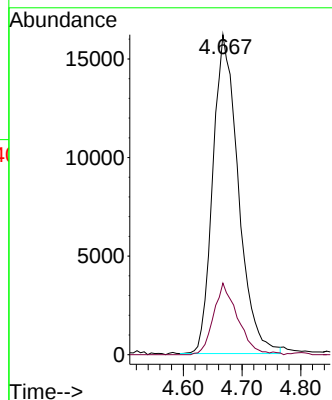
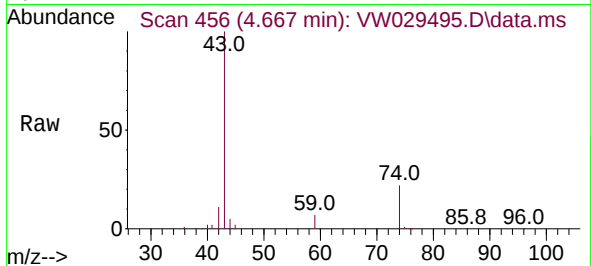




#15
Methyl Acetate
Concen: 20.741 ug/L
RT: 4.667 min Scan# 456
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

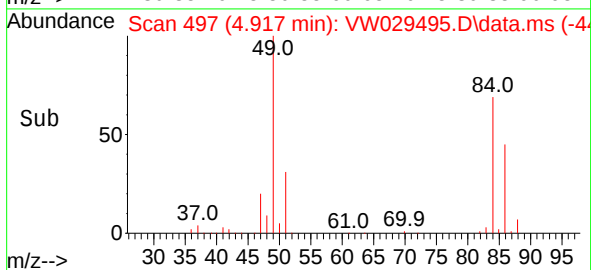
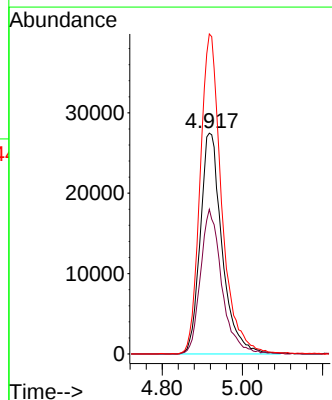
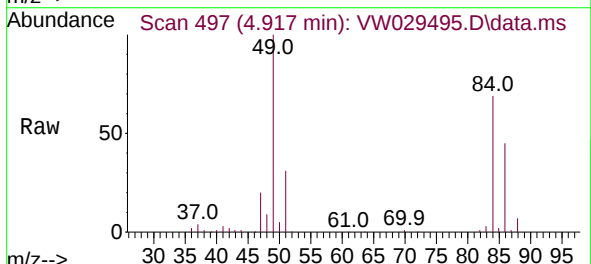
Instrument :
MSVOA_W
ClientSampleId :

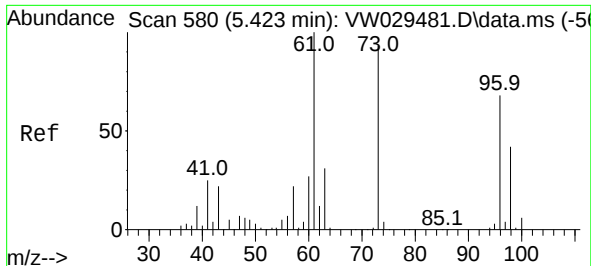
Tgt Ion: 43 Resp: 48770
Ion Ratio Lower Upper
43 100
74 21.1 16.2 24.4



#16
Methylene chloride
Concen: 21.186 ug/L
RT: 4.917 min Scan# 497
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 84 Resp: 103786
Ion Ratio Lower Upper
84 100
86 65.5 46.2 85.8
49 144.9 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 25.745 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

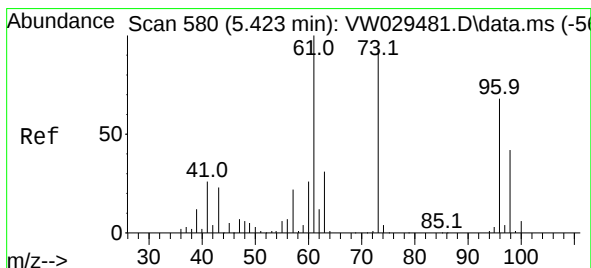
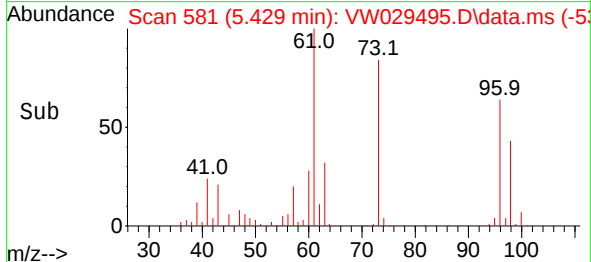
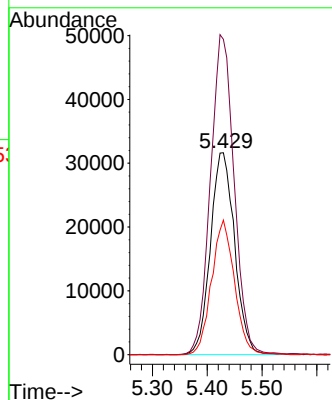
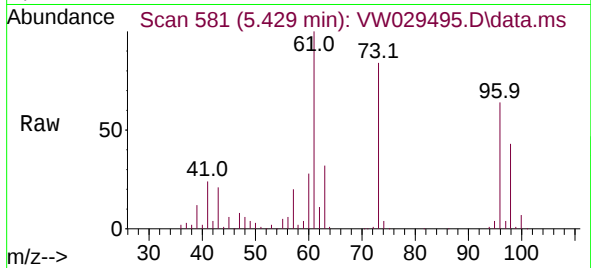
Tgt Ion: 96 Resp: 96983

Ion Ratio Lower Upper

96 100

61 156.2 102.9 191.1

98 66.6 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 23.509 ug/L

RT: 5.423 min Scan# 580

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

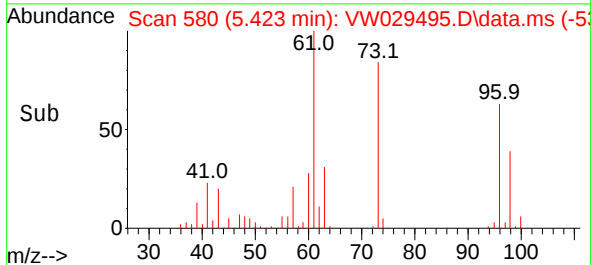
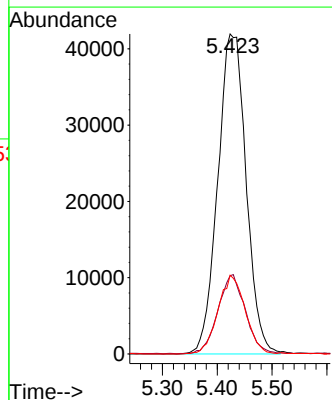
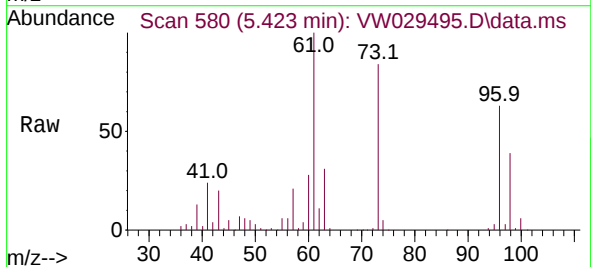
Tgt Ion: 73 Resp: 150675

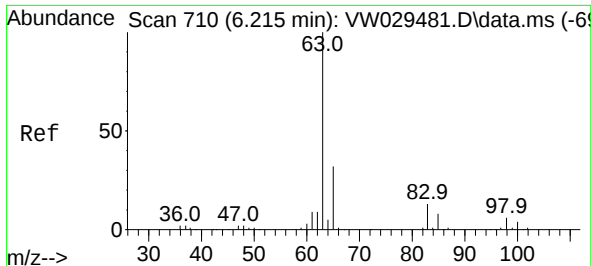
Ion Ratio Lower Upper

73 100

43 24.1 18.7 28.1

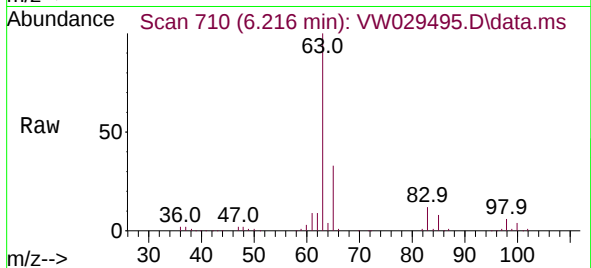
57 23.7 18.9 28.3



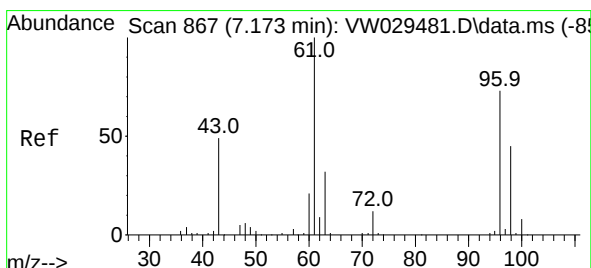
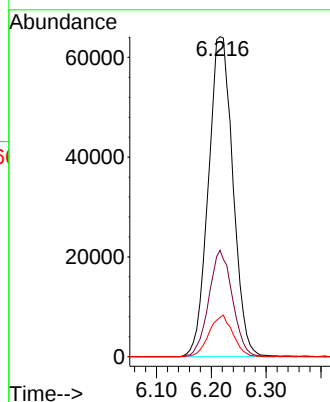
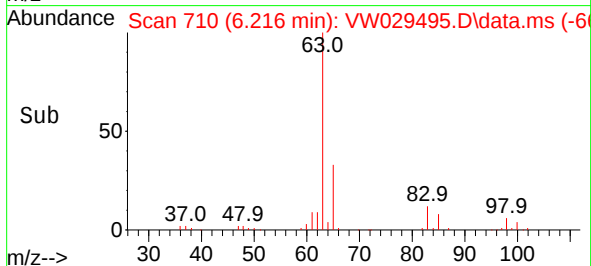


#19
1,1-Dichloroethane
Concen: 25.781 ug/L
RT: 6.216 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Instrument :
MSVOA_W
ClientSampleId :

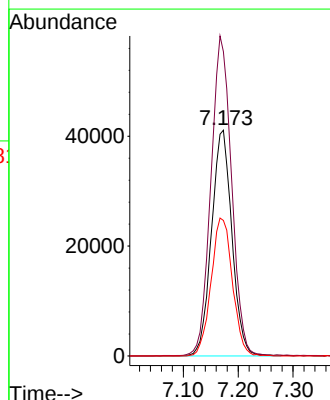
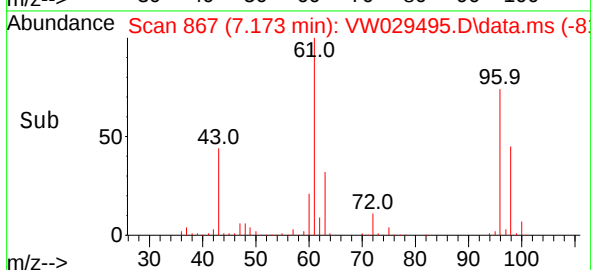
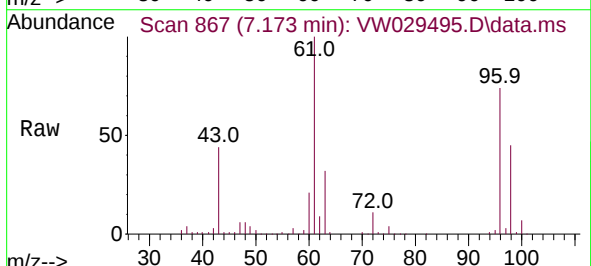


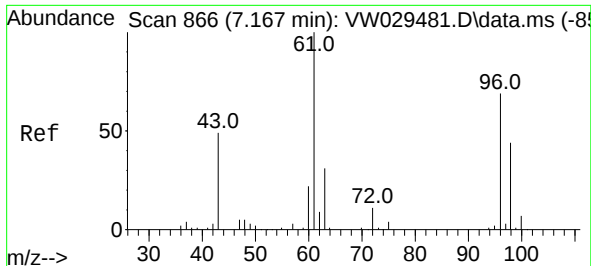
Tgt Ion: 63 Resp: 199449
Ion Ratio Lower Upper
63 100
65 33.3 21.5 39.9
83 12.3 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 25.849 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 96 Resp: 106479
Ion Ratio Lower Upper
96 100
61 134.8 97.4 180.8
98 60.1 41.6 77.2





#22

2-Butanone

Concen: 40.134 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

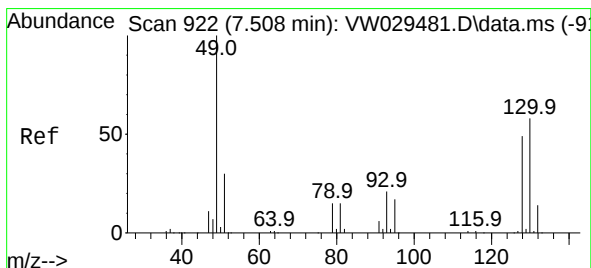
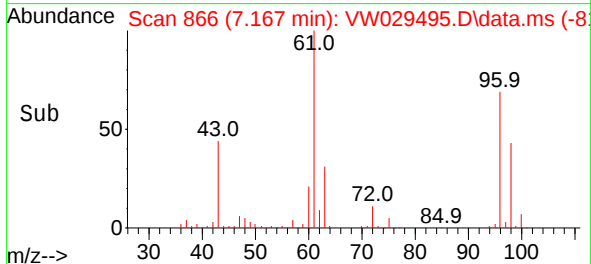
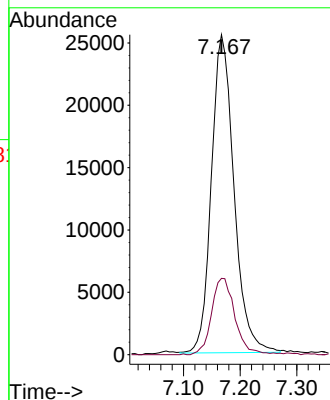
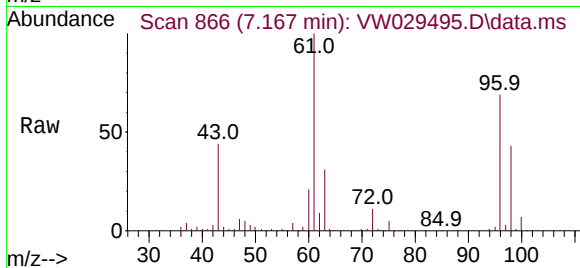
ClientSampleId :

Tgt Ion: 43 Resp: 70564

Ion Ratio Lower Upper

43 100

72 24.6 12.0 36.1



#23

Bromochloromethane

Concen: 24.193 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.013 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Tgt Ion: 128 Resp: 44826

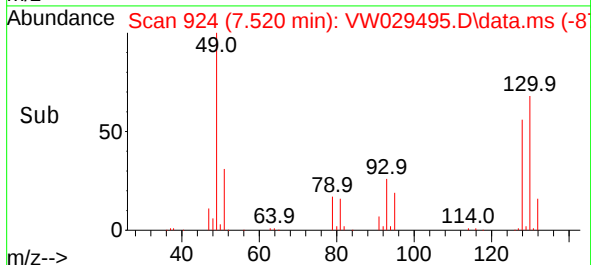
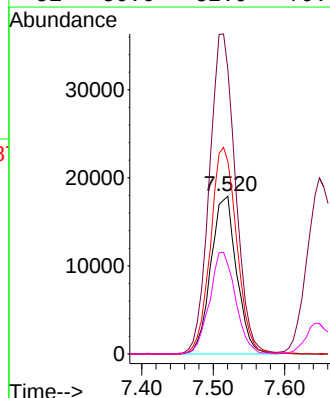
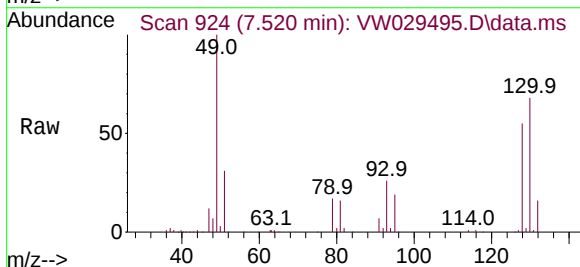
Ion Ratio Lower Upper

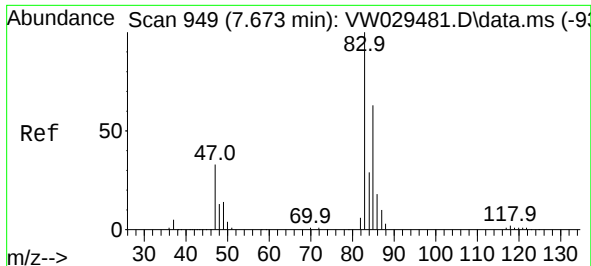
128 100

49 180.3 146.2 271.4

130 122.0 91.9 170.7

51 56.6 52.9 79.3





#25

Chloroform

Concen: 25.708 ug/L

RT: 7.673 min Scan# 949

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

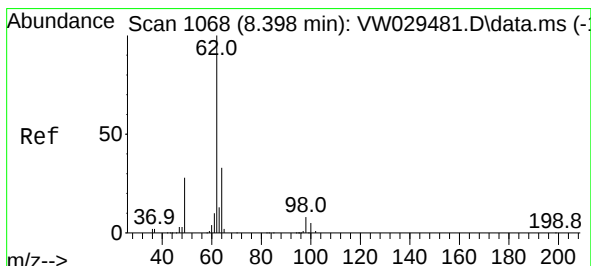
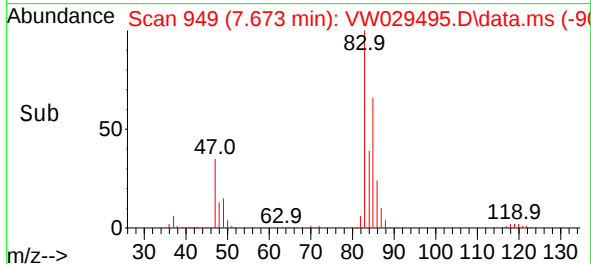
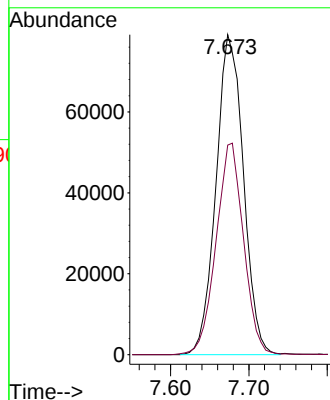
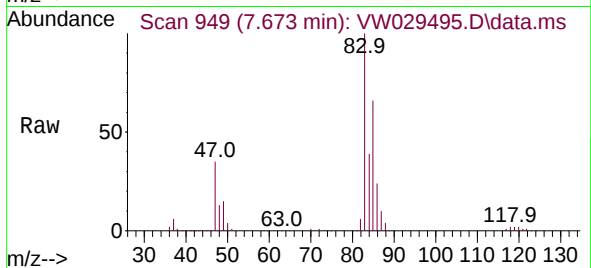
ClientSampleId :

Tgt Ion: 83 Resp: 192435

Ion Ratio Lower Upper

83 100

85 65.5 44.1 81.9



#27

1,2-Dichloroethane

Concen: 24.228 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW029495.D

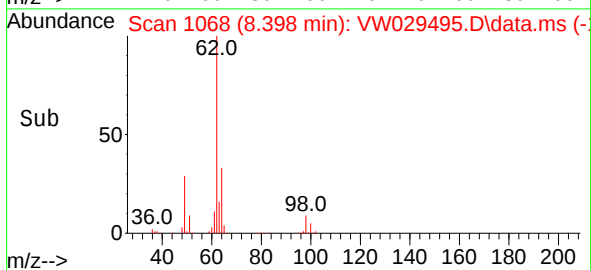
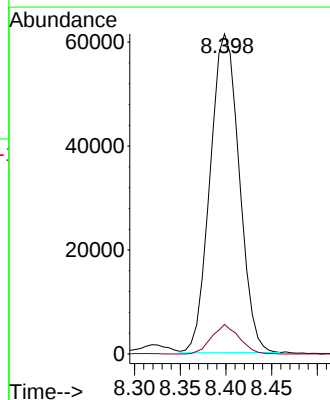
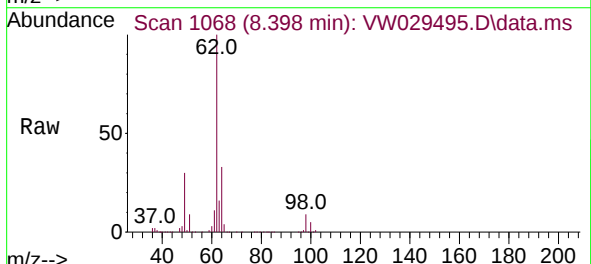
Acq: 10 Jul 2024 09:47

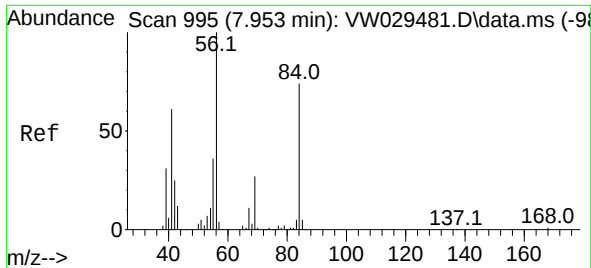
Tgt Ion: 62 Resp: 136024

Ion Ratio Lower Upper

62 100

98 9.3 6.0 9.0#





#29

Cyclohexane

Concen: 27.364 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

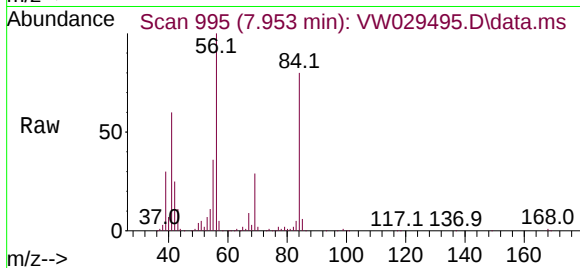
Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

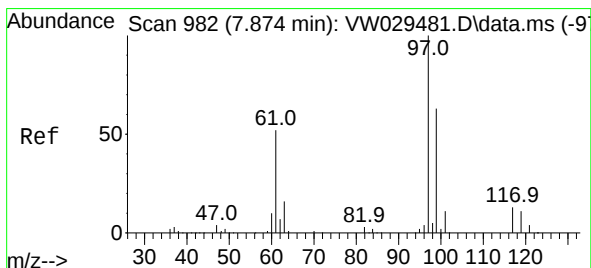
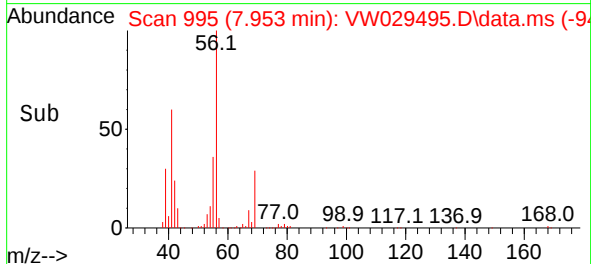
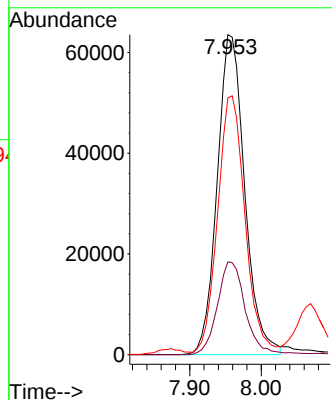
ClientSampleId :



Tgt Ion: 56 Resp: 169922

Ion Ratio Lower Upper

56	100		
69	29.0	23.3	34.9
84	80.7	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 26.902 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

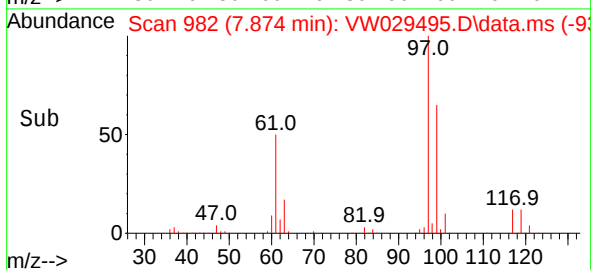
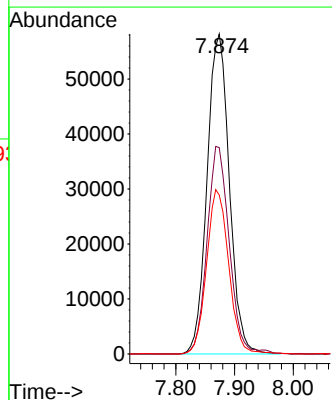
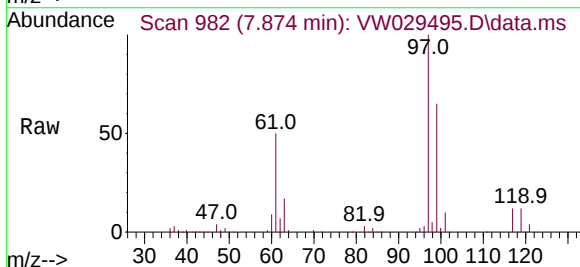
Lab File: VW029495.D

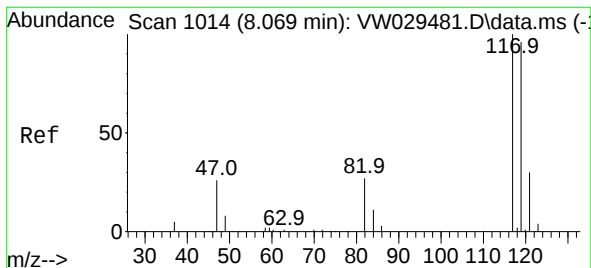
Acq: 10 Jul 2024 09:47

Tgt Ion: 97 Resp: 153202

Ion Ratio Lower Upper

97	100		
99	64.1	51.1	76.7
61	51.1	40.6	61.0





#31

Carbon tetrachloride

Concen: 26.715 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

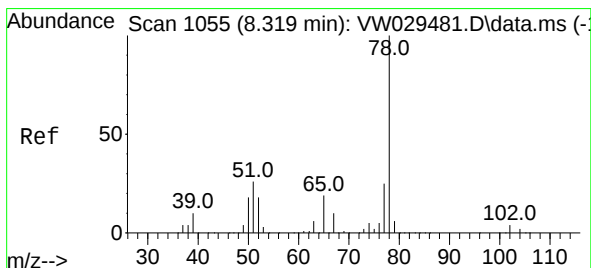
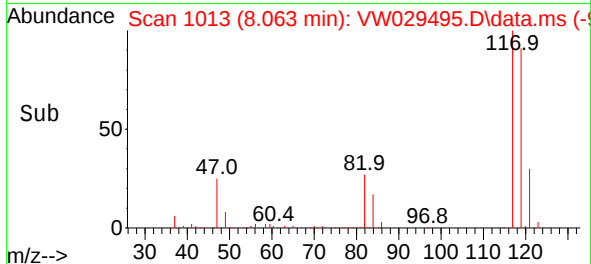
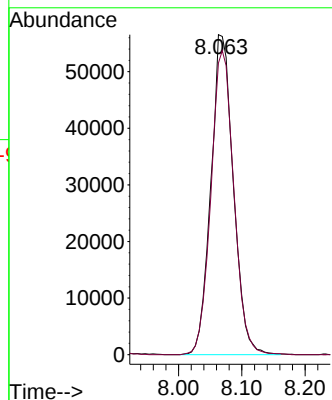
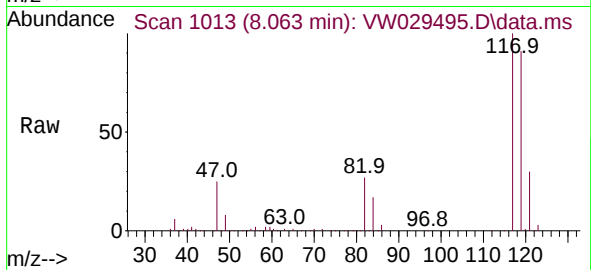
ClientSampleId :

Tgt Ion:117 Resp: 139330

Ion Ratio Lower Upper

117 100

119 96.8 77.0 115.6



#33

Benzene

Concen: 26.993 ug/L

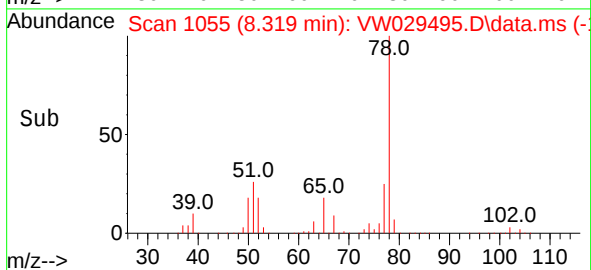
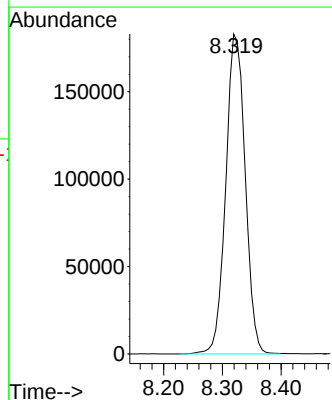
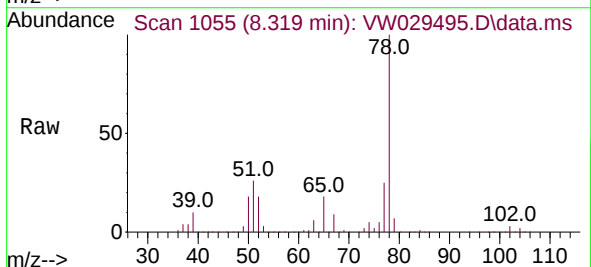
RT: 8.319 min Scan# 1055

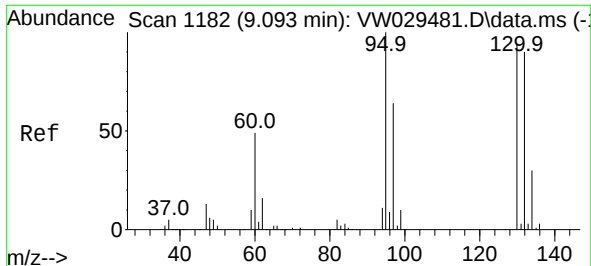
Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Tgt Ion: 78 Resp: 421168





#34

Trichloroethene

Concen: 26.499 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 109185

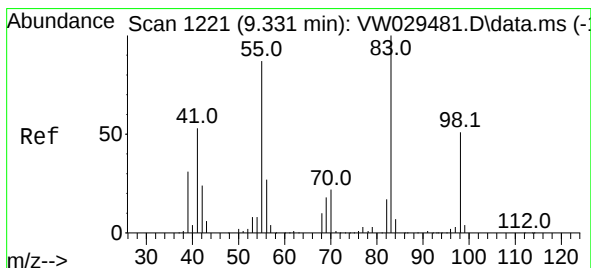
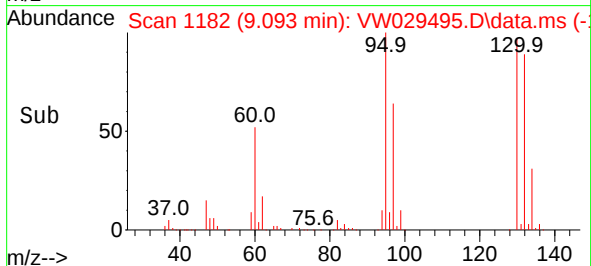
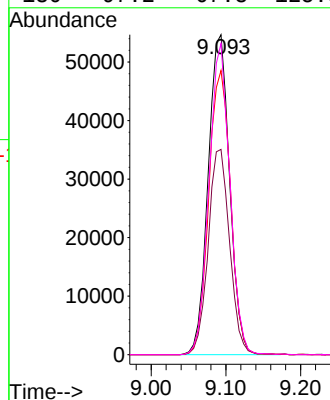
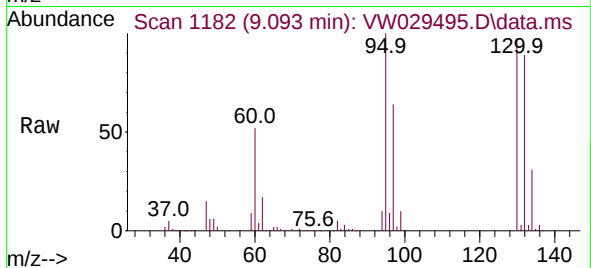
Ion Ratio Lower Upper

95 100

97 64.1 47.3 87.9

132 88.8 65.8 122.2

130 97.2 67.8 125.8



#35

Methylcyclohexane

Concen: 27.715 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

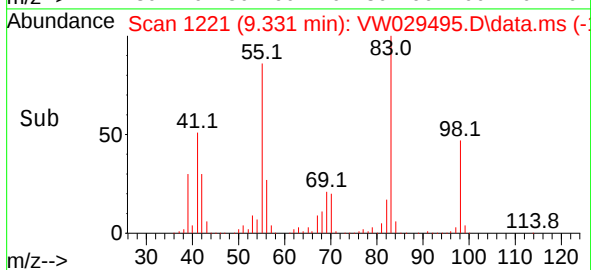
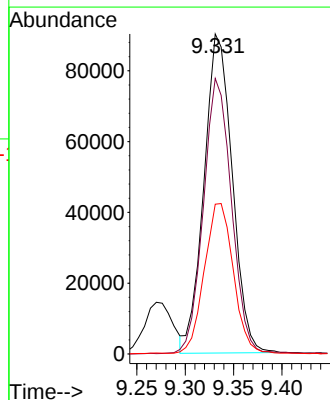
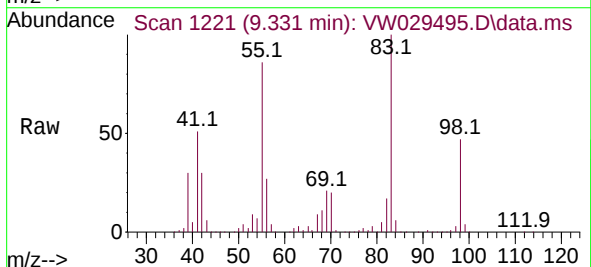
Tgt Ion: 83 Resp: 183548

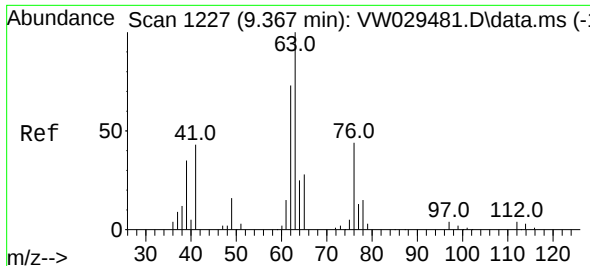
Ion Ratio Lower Upper

83 100

55 85.5 69.6 104.4

98 48.6 38.3 57.5

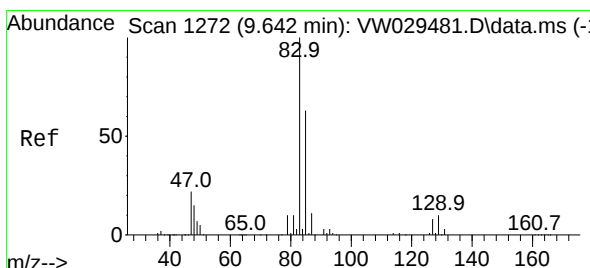
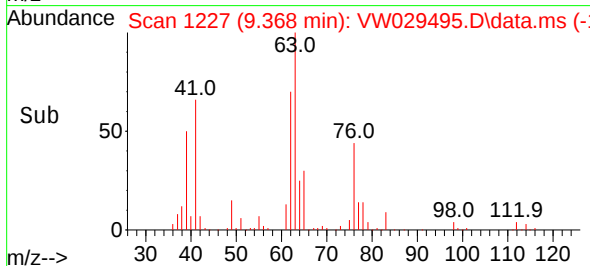
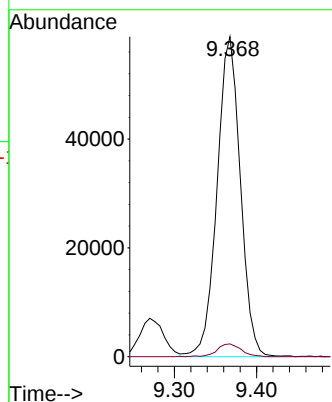
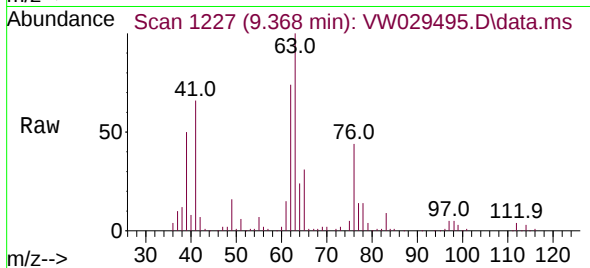




#37
1,2-Dichloropropane
Concen: 26.847 ug/L
RT: 9.368 min Scan# 111
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

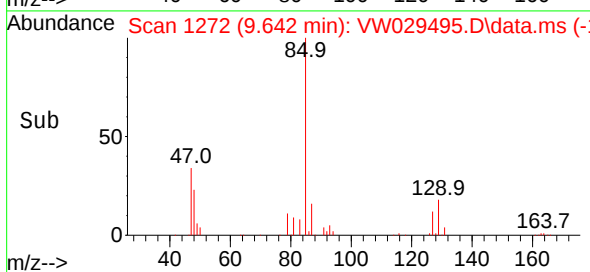
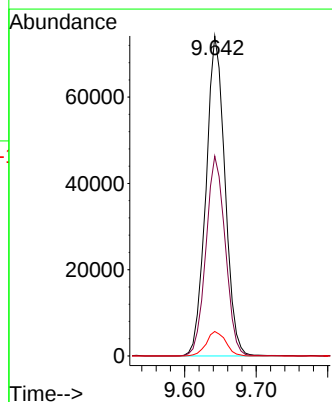
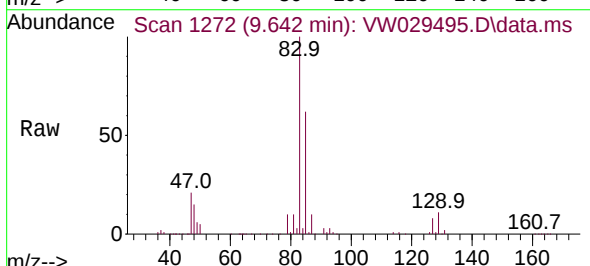
Instrument :
MSVOA_W
ClientSampleId :

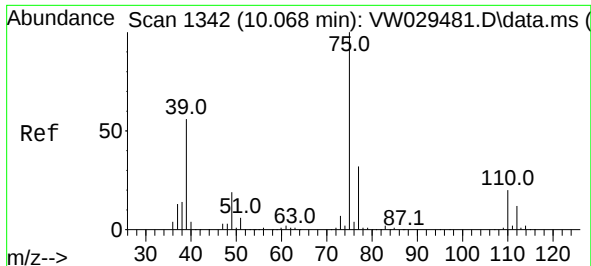
Tgt Ion: 63 Resp: 115836
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 25.966 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 83 Resp: 136844
Ion Ratio Lower Upper
83 100
85 62.5 46.1 85.5
127 7.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.665 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

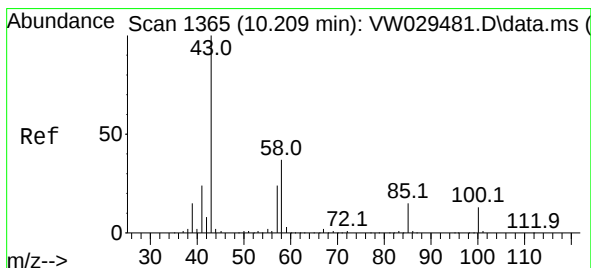
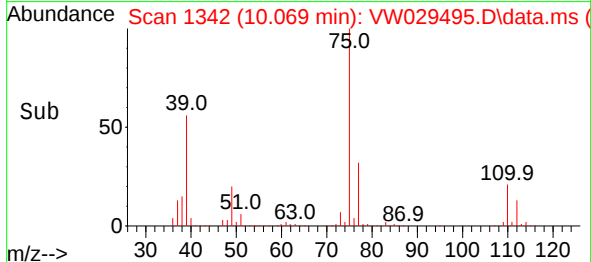
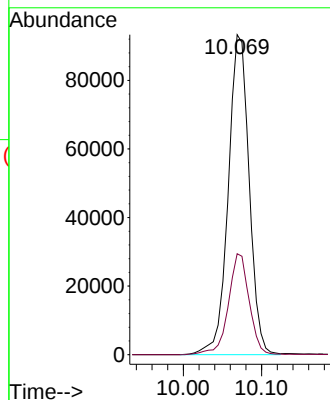
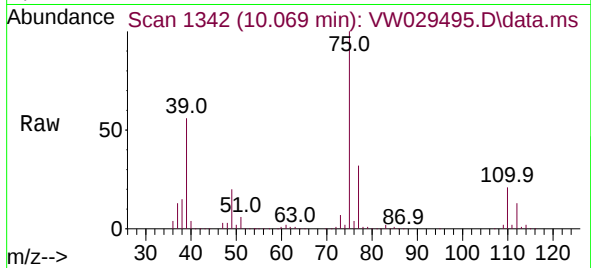
ClientSampleId :

Tgt Ion: 75 Resp: 172805

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 46.147 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

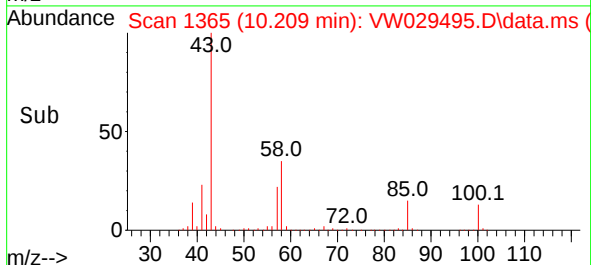
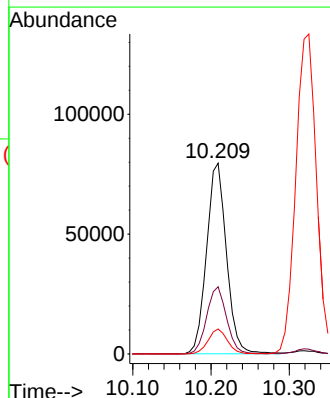
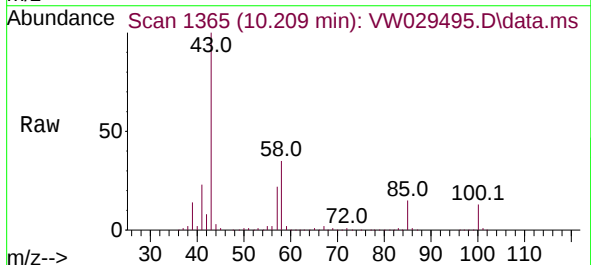
Tgt Ion: 43 Resp: 140327

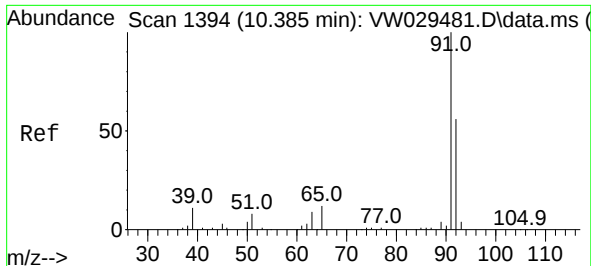
Ion Ratio Lower Upper

43 100

58 35.4 29.0 43.6

100 12.7 10.5 15.7





#42

Toluene

Concen: 27.795 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

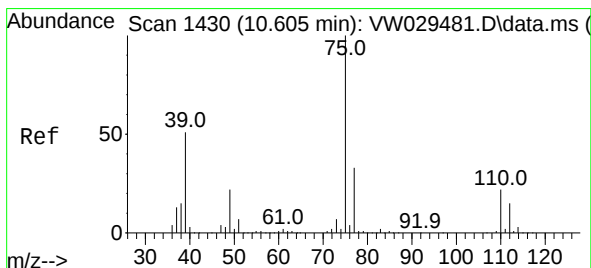
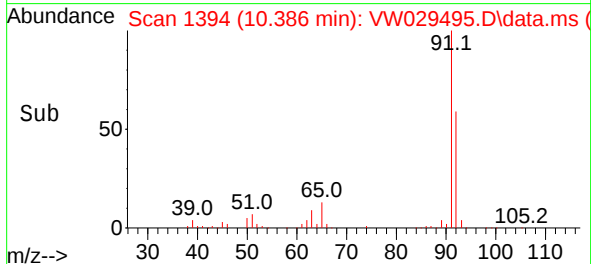
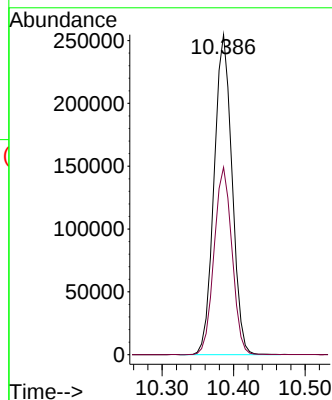
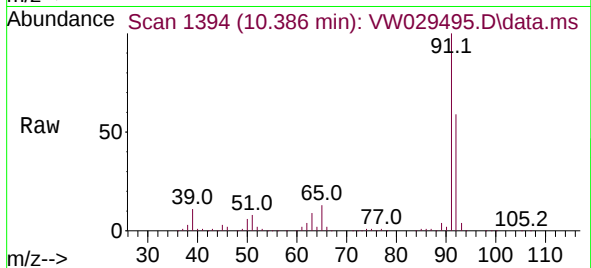
ClientSampleId :

Tgt Ion: 91 Resp: 443672

Ion Ratio Lower Upper

91 100

92 58.6 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 25.573 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW029495.D

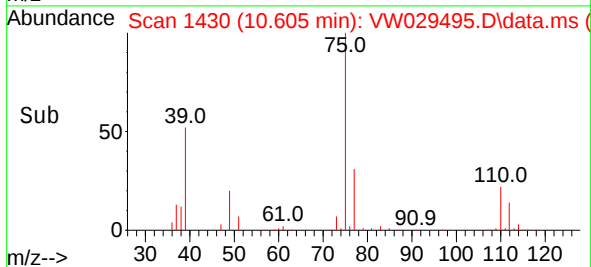
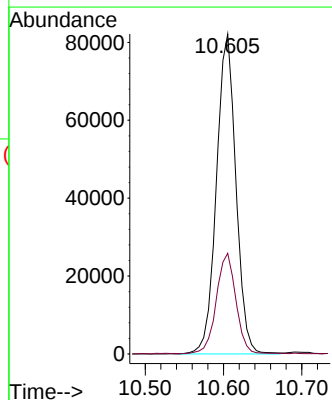
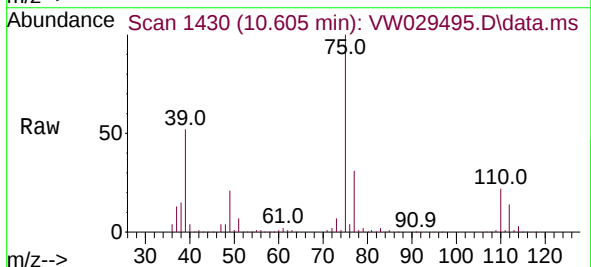
Acq: 10 Jul 2024 09:47

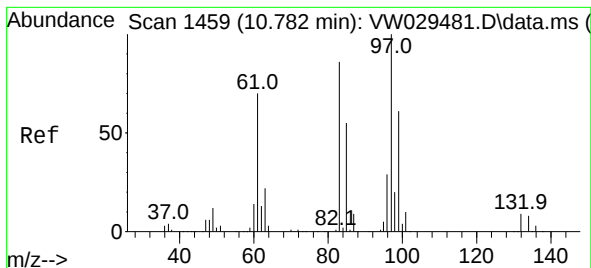
Tgt Ion: 75 Resp: 142042

Ion Ratio Lower Upper

75 100

77 31.5 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 24.607 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 76358

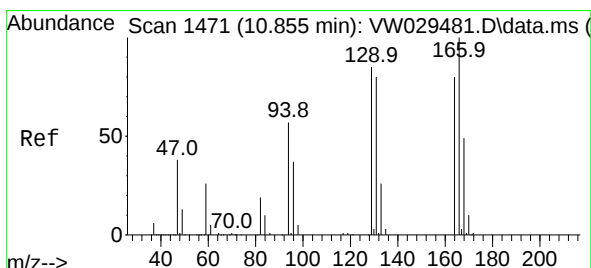
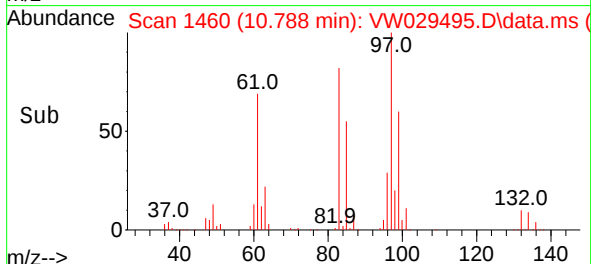
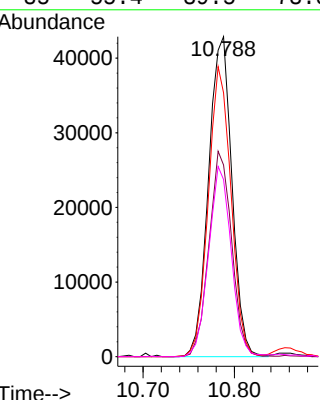
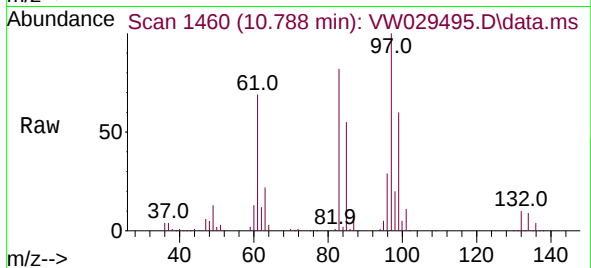
Ion Ratio Lower Upper

97 100

99 59.9 43.8 81.4

83 82.5 60.3 111.9

85 55.4 39.5 73.3



#46

Tetrachloroethene

Concen: 25.954 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Tgt Ion:164 Resp: 75976

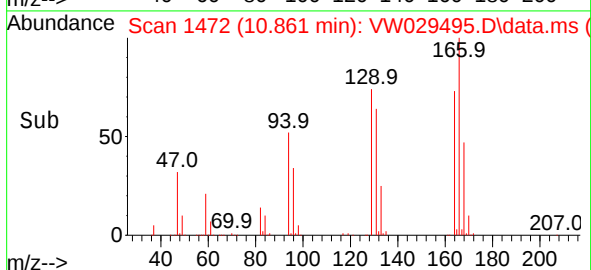
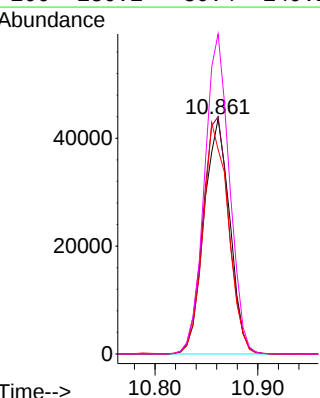
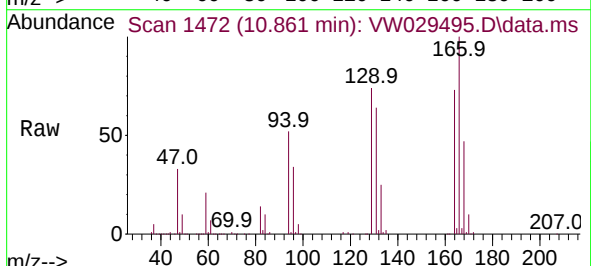
Ion Ratio Lower Upper

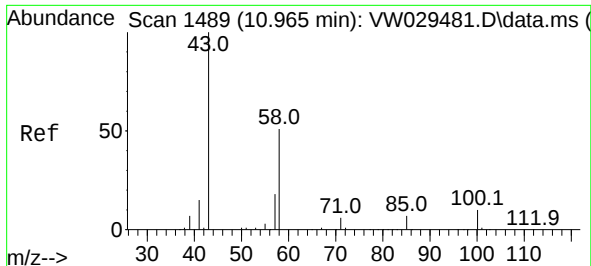
164 100

129 101.0 60.0 111.4

131 87.0 64.6 120.0

166 136.1 80.4 149.2





#48

2-Hexanone

Concen: 46.414 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. 0.000 min

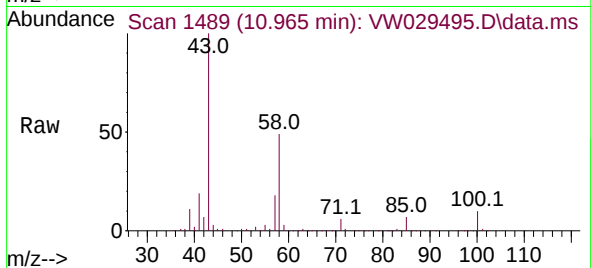
Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 106032

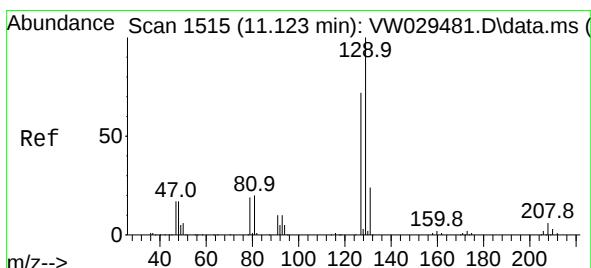
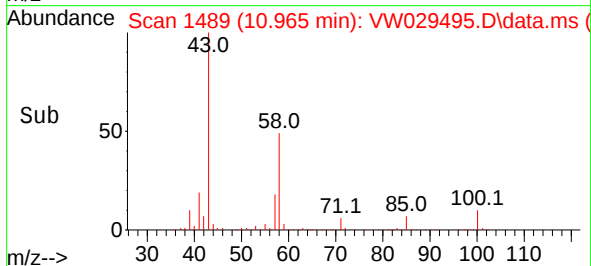
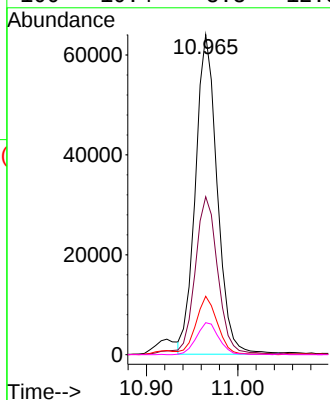
Ion Ratio Lower Upper

43 100

58 50.2 39.8 59.8

57 18.1 14.6 21.8

100 10.4 8.3 12.5



#49

Dibromochloromethane

Concen: 25.529 ug/L

RT: 11.130 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VW029495.D

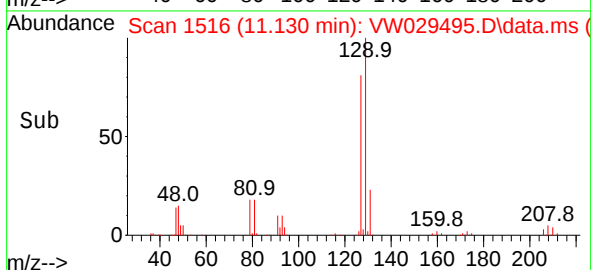
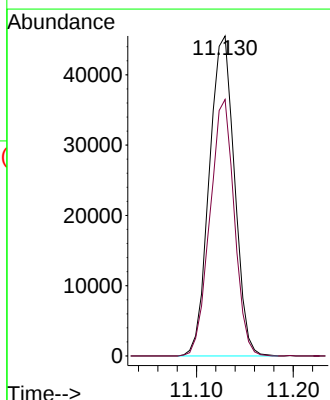
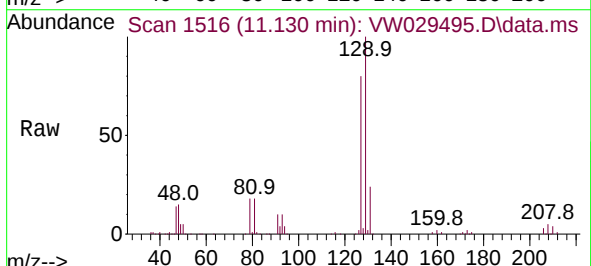
Acq: 10 Jul 2024 09:47

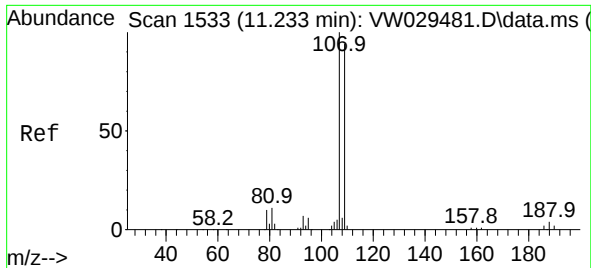
Tgt Ion:129 Resp: 82440

Ion Ratio Lower Upper

129 100

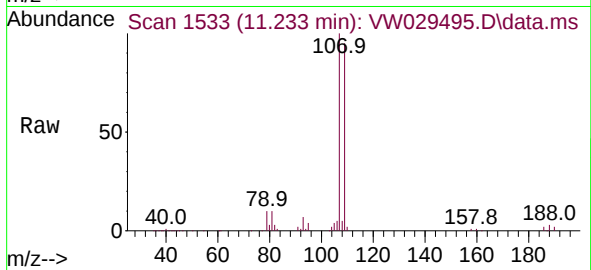
127 80.1 51.9 96.3



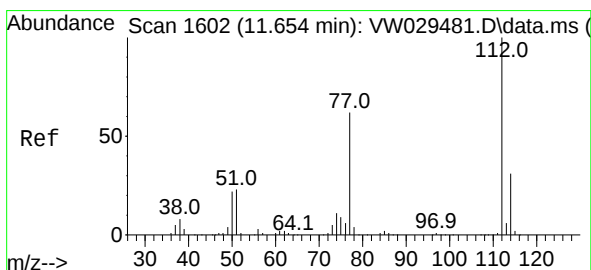
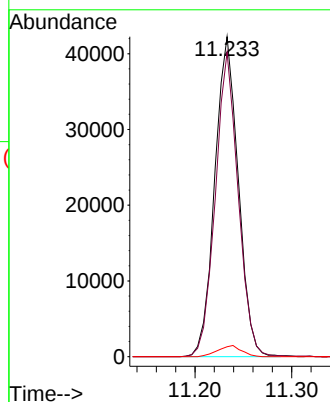
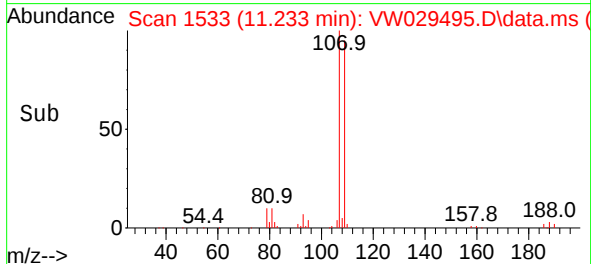


#50
1,2-Dibromoethane
Concen: 24.095 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Instrument :
MSVOA_W
ClientSampleId :

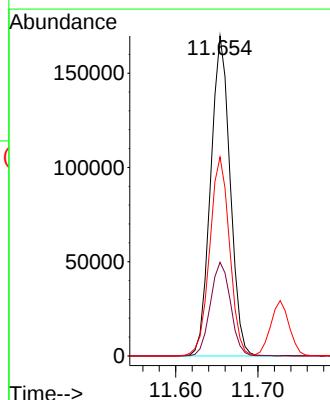
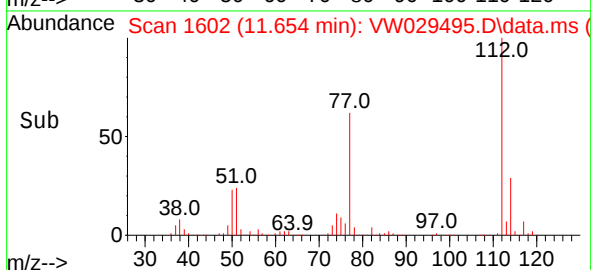
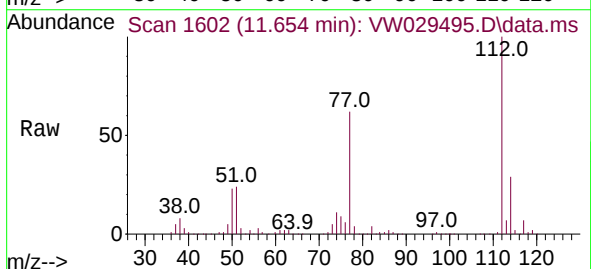


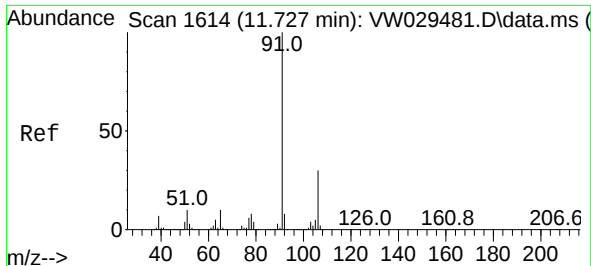
Tgt Ion:107 Resp: 71250
Ion Ratio Lower Upper
107 100
109 95.1 63.2 117.4
188 3.1 2.9 4.3



#51
Chlorobenzene
Concen: 27.094 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion:112 Resp: 279573
Ion Ratio Lower Upper
112 100
114 29.2 22.6 42.0
77 62.2 49.9 74.9





#52

Ethylbenzene

Concen: 27.590 ug/L

RT: 11.727 min Scan# 1614

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

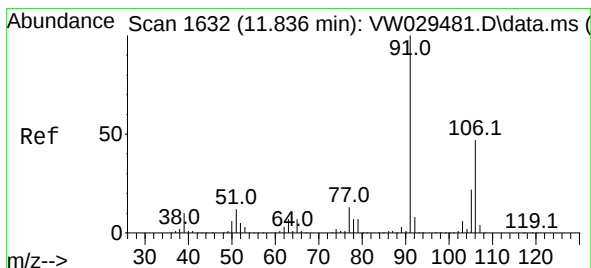
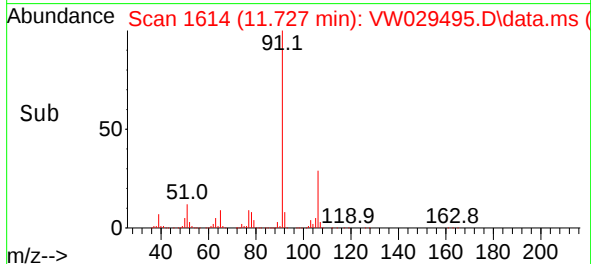
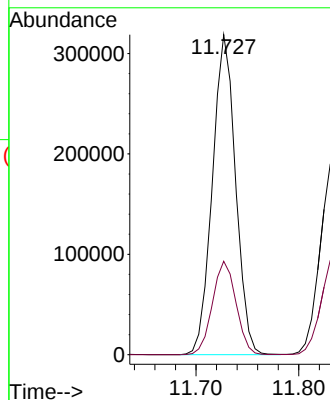
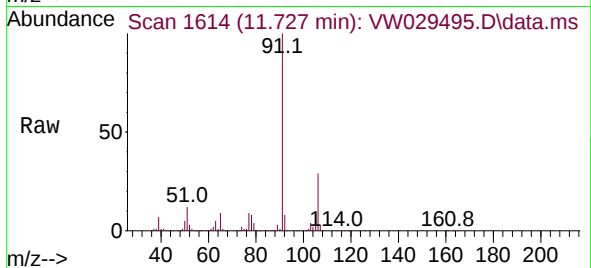
ClientSampleId :

Tgt Ion: 91 Resp: 498962

Ion Ratio Lower Upper

91 100

106 29.2 20.2 37.6



#53

m,p-Xylene

Concen: 27.800 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW029495.D

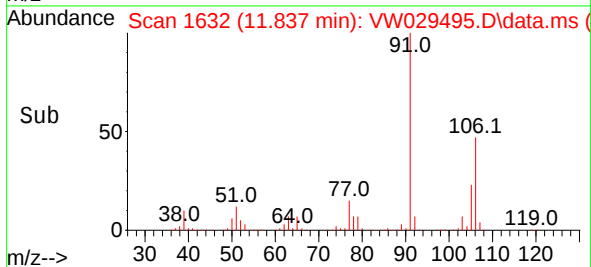
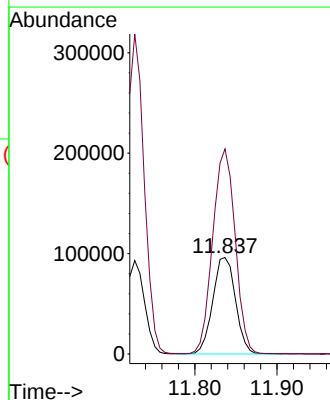
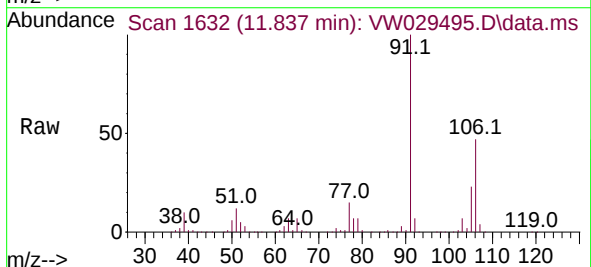
Acq: 10 Jul 2024 09:47

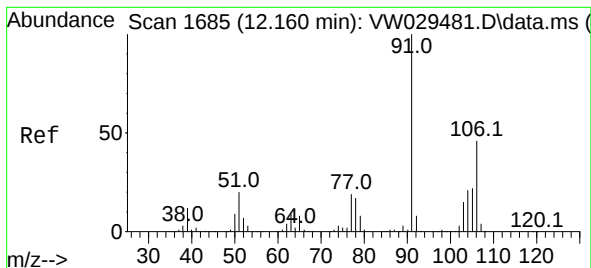
Tgt Ion: 106 Resp: 184564

Ion Ratio Lower Upper

106 100

91 212.5 149.3 277.3





#54

o-Xylene

Concen: 28.947 ug/L

RT: 12.160 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

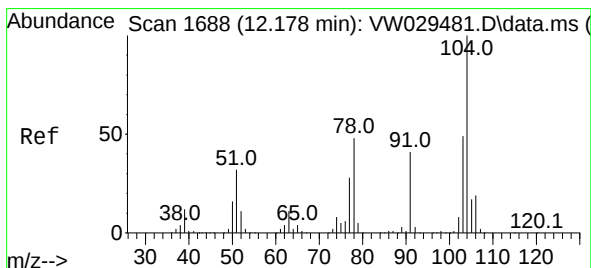
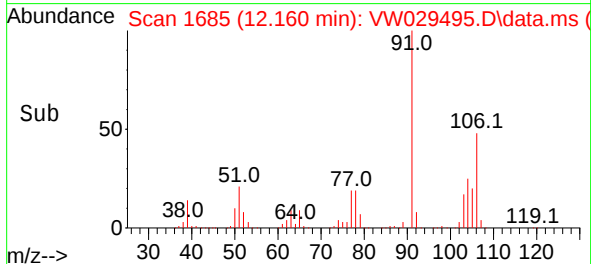
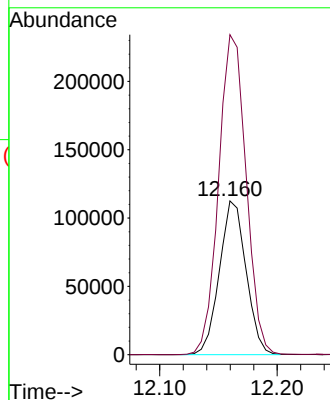
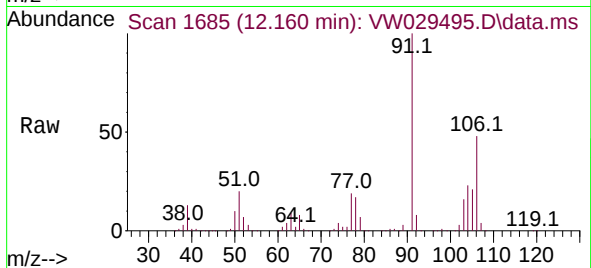
ClientSampleId :

Tgt Ion:106 Resp: 177750

Ion Ratio Lower Upper

106 100

91 208.1 159.2 295.6



#55

Styrene

Concen: 28.409 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW029495.D

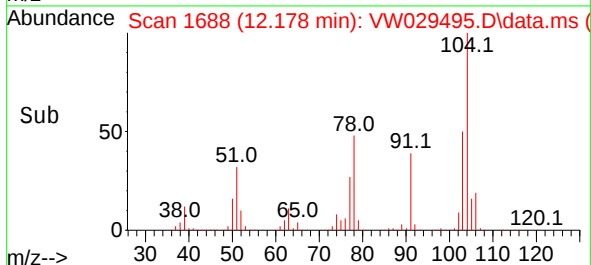
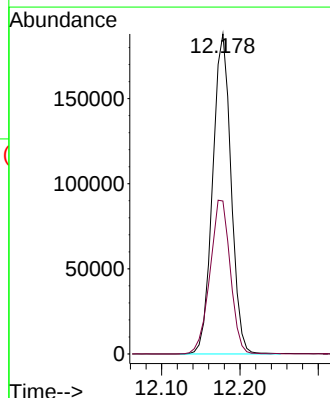
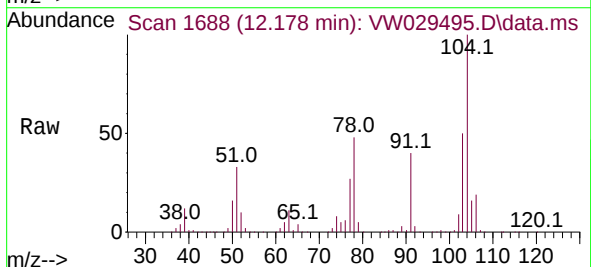
Acq: 10 Jul 2024 09:47

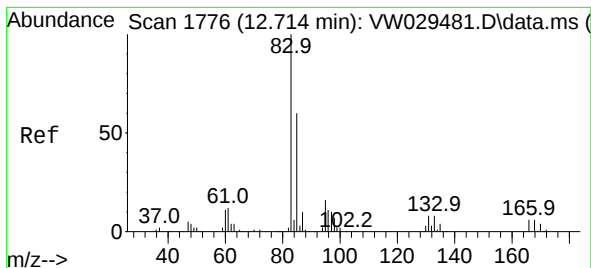
Tgt Ion:104 Resp: 306741

Ion Ratio Lower Upper

104 100

78 47.8 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 23.649 ug/L

RT: 12.715 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

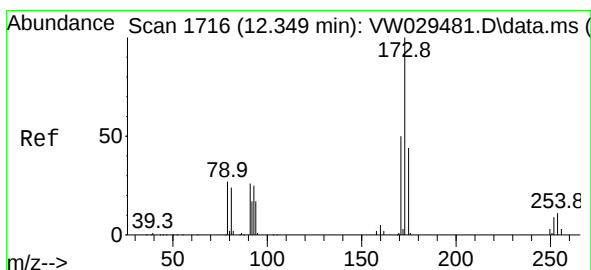
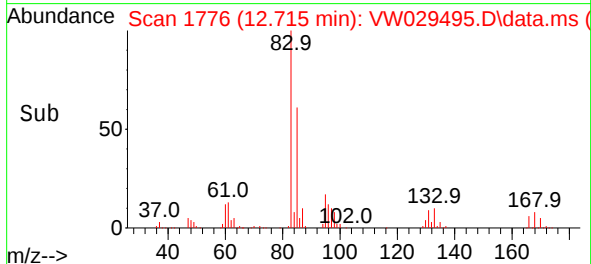
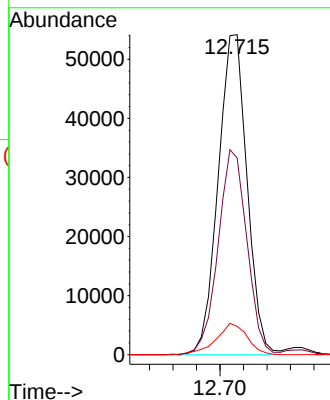
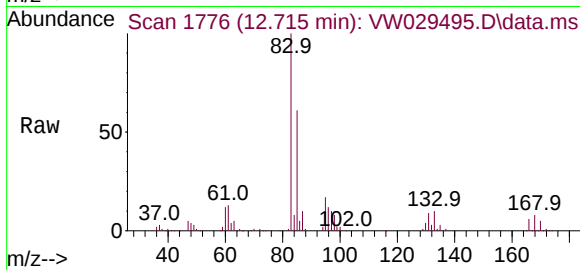
Tgt Ion: 83 Resp: 92568

Ion Ratio Lower Upper

83 100

85 61.5 45.4 84.4

131 8.9 6.4 9.6



#59

Bromoform

Concen: 22.950 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

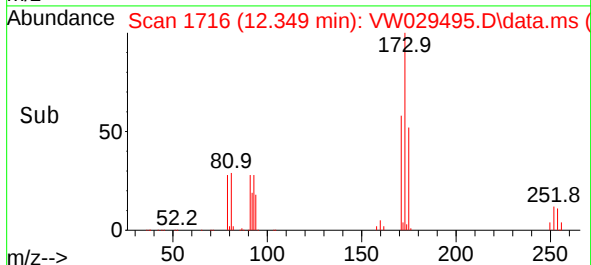
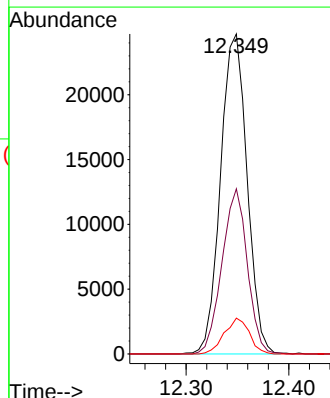
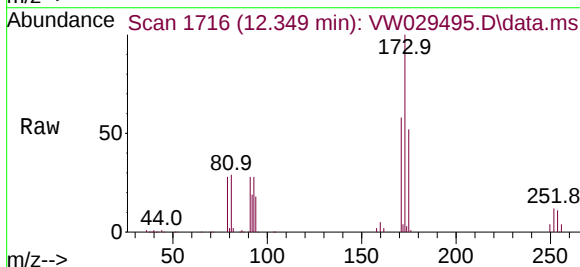
Tgt Ion:173 Resp: 44269

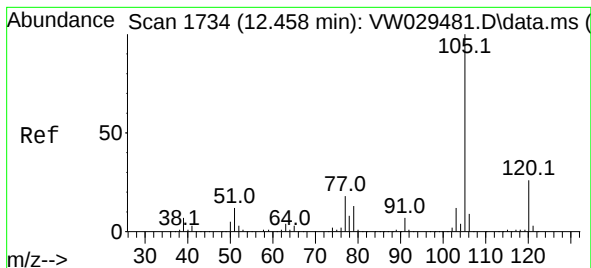
Ion Ratio Lower Upper

173 100

175 49.2 40.4 60.6

254 10.6 8.8 13.2





#60

Isopropylbenzene

Concen: 27.384 ug/L

RT: 12.459 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

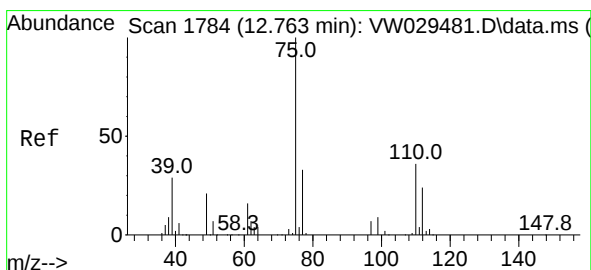
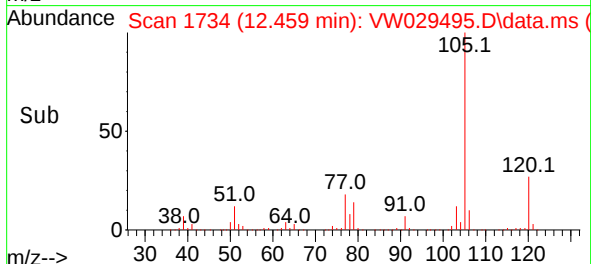
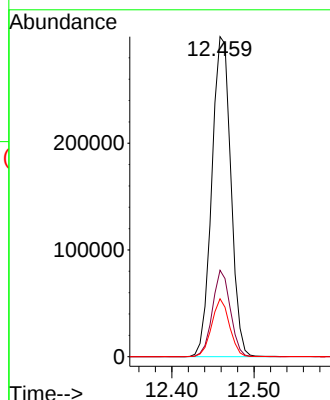
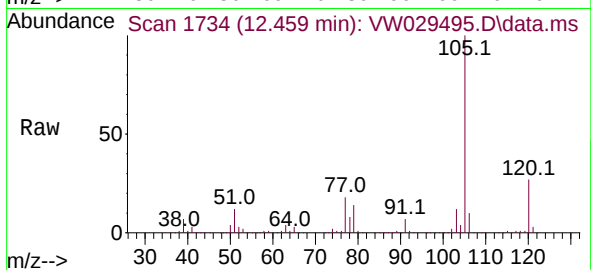
Tgt Ion:105 Resp: 481478

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: 22.579 ug/L

RT: 12.763 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

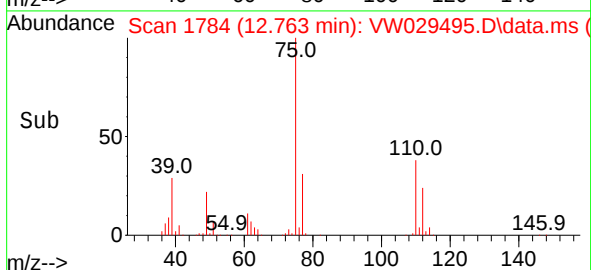
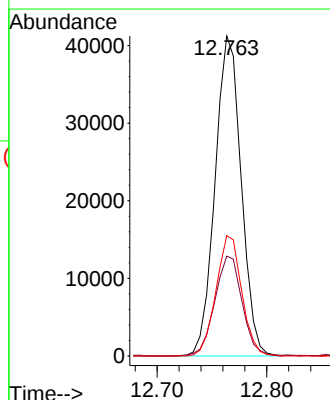
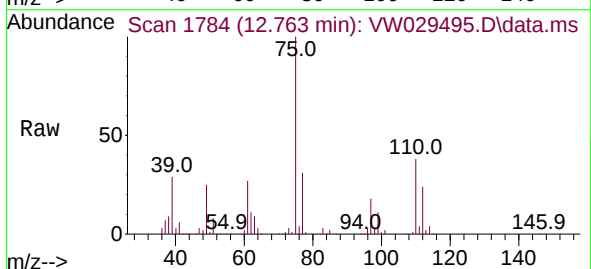
Tgt Ion: 75 Resp: 68287

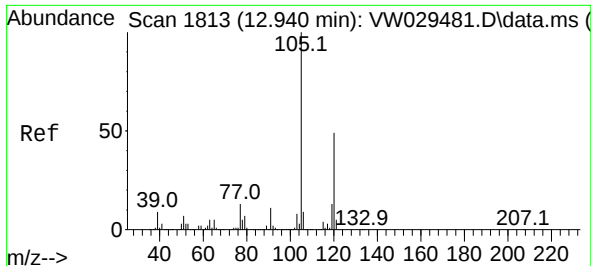
Ion Ratio Lower Upper

75 100

77 32.7 25.5 38.3

110 37.0 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 29.234 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

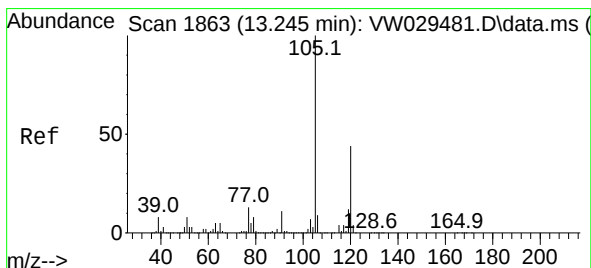
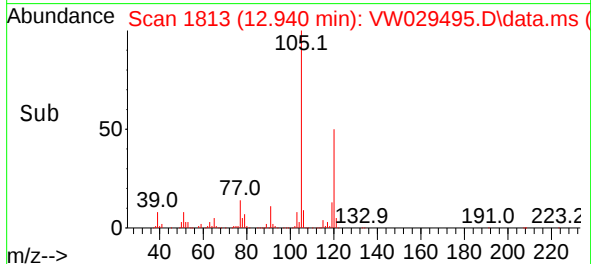
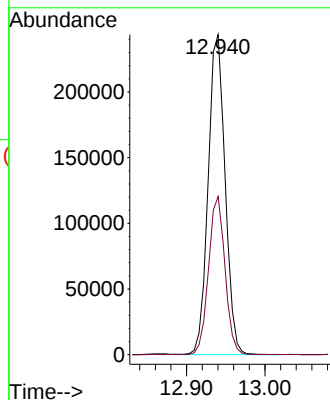
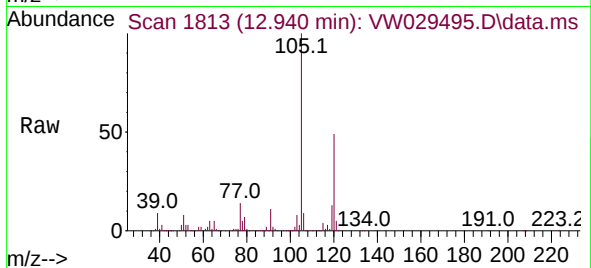
ClientSampleId :

Tgt Ion:105 Resp: 365631

Ion Ratio Lower Upper

105 100

120 47.9 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 28.030 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029495.D

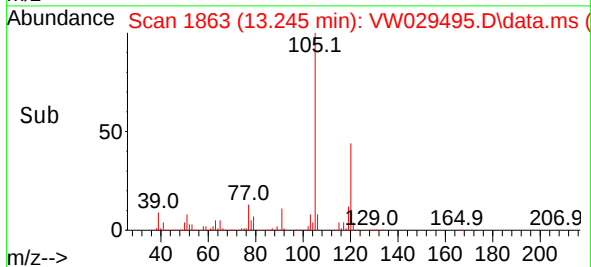
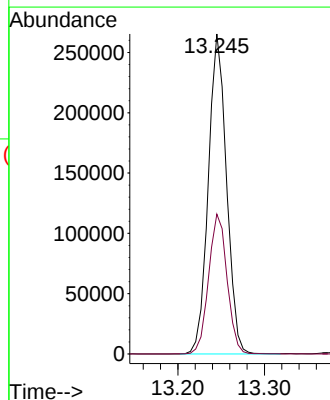
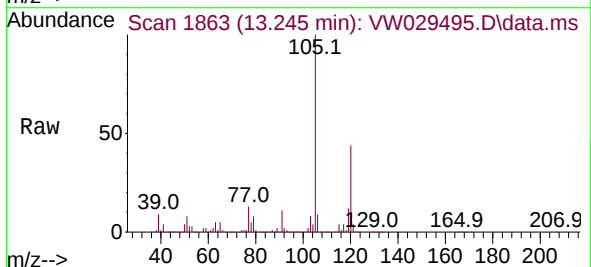
Acq: 10 Jul 2024 09:47

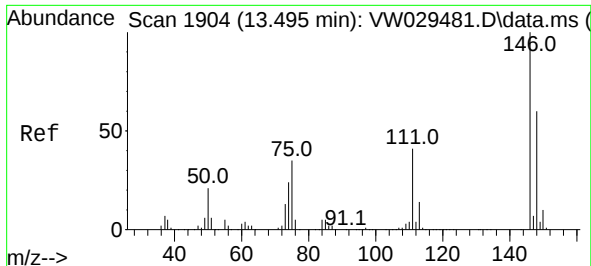
Tgt Ion:105 Resp: 386918

Ion Ratio Lower Upper

105 100

120 44.3 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 25.944 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

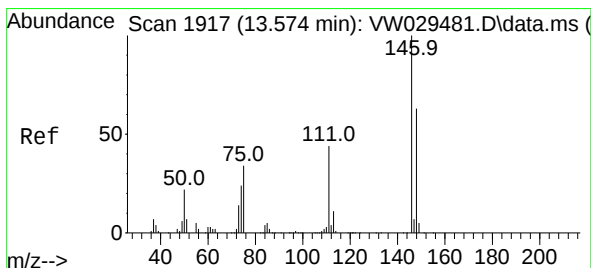
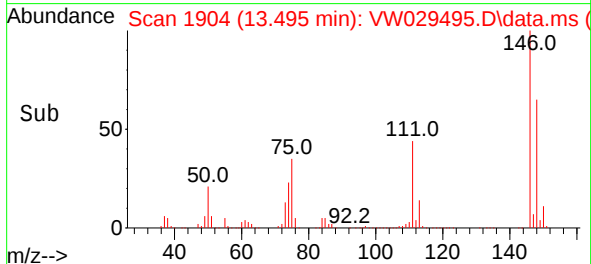
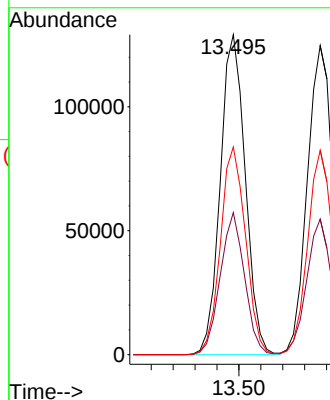
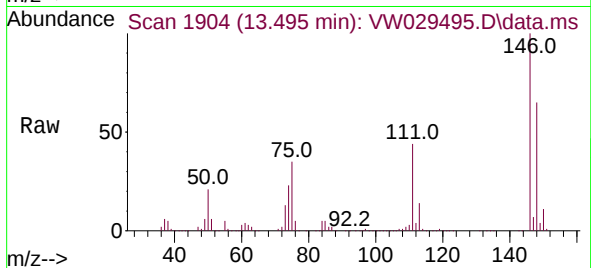
Tgt Ion:146 Resp: 204467

Ion Ratio Lower Upper

146 100

111 44.4 28.6 53.2

148 64.9 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 25.120 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

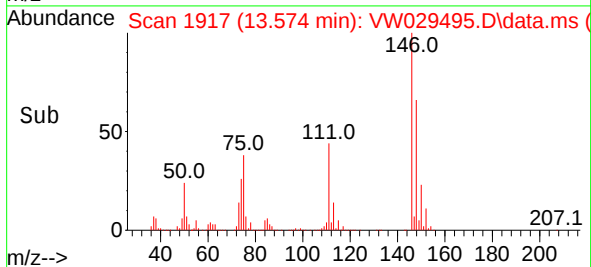
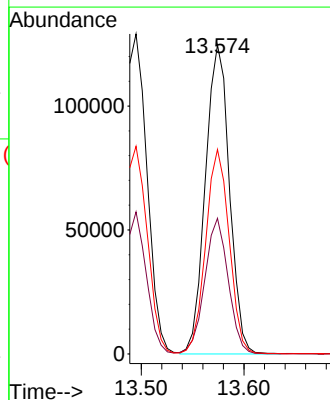
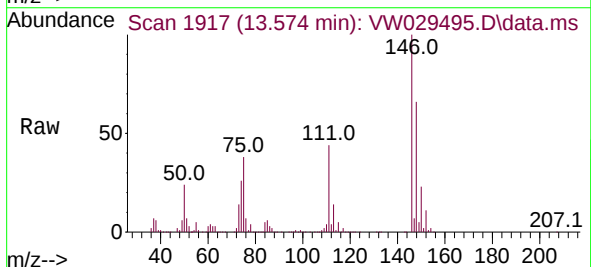
Tgt Ion:146 Resp: 202816

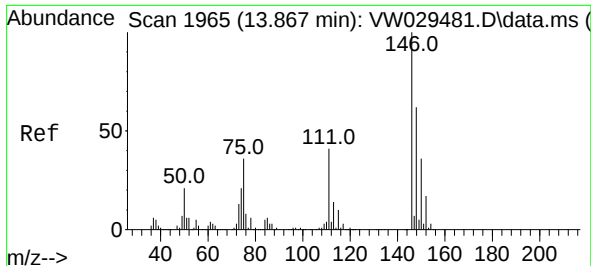
Ion Ratio Lower Upper

146 100

111 43.9 27.6 51.4

148 66.1 40.9 75.9

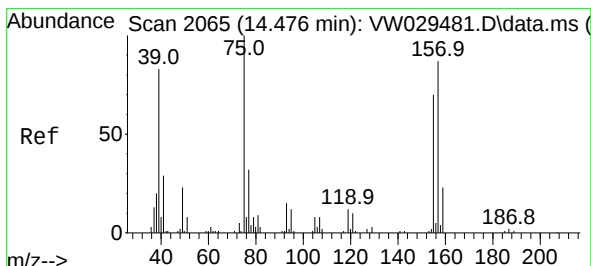
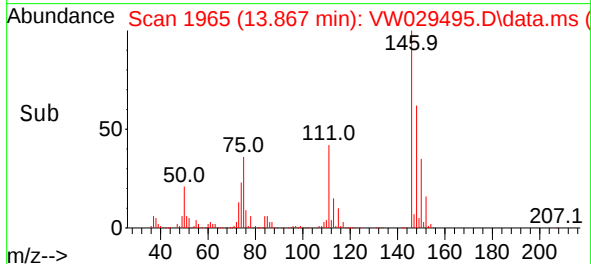
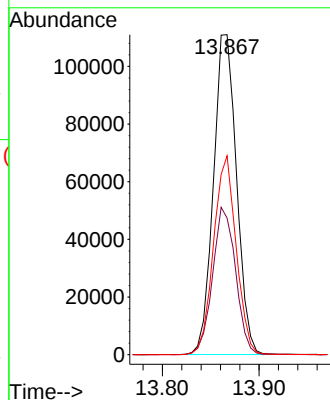
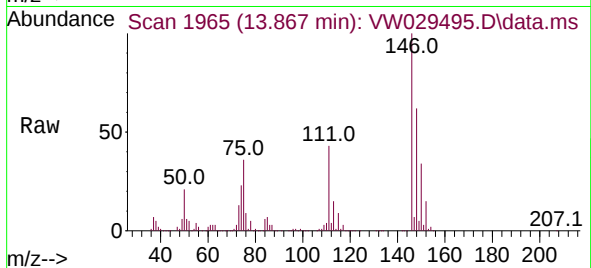




#67
1,2-Dichlorobenzene
Concen: 25.869 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

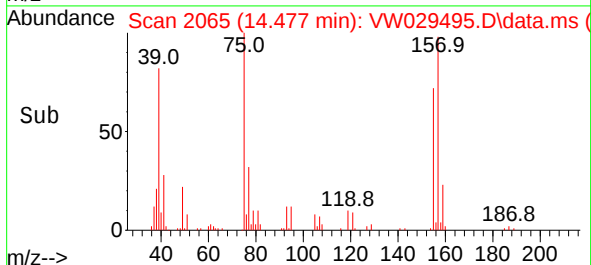
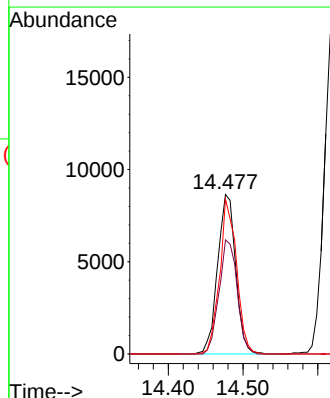
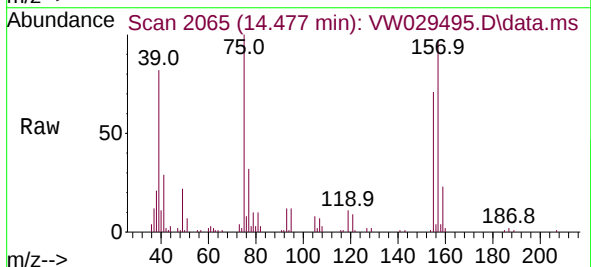
Instrument :
MSVOA_W
ClientSampleId :

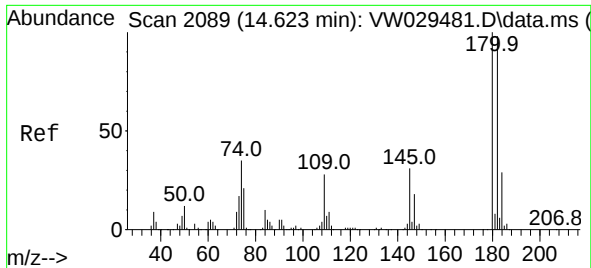
Tgt Ion:146 Resp: 184297
Ion Ratio Lower Upper
146 100
111 42.7 37.1 55.7
148 62.2 50.7 76.1



#68
1,2-Dibromo-3-chloropropane
Concen: 20.095 ug/L
RT: 14.477 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW029495.D
Acq: 10 Jul 2024 09:47

Tgt Ion: 75 Resp: 14529
Ion Ratio Lower Upper
75 100
155 71.5 51.2 76.8
157 97.2 63.7 95.5#





#69

1,3,5-Trichlorobenzene

Concen: 26.450 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

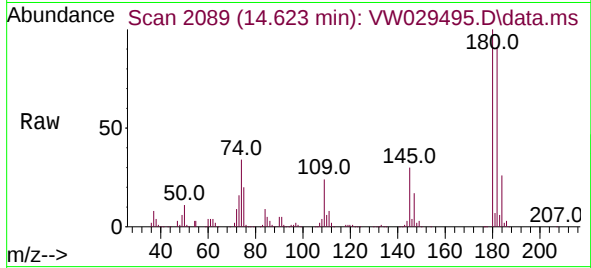
Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 135987

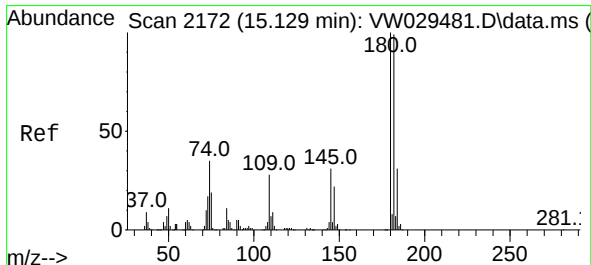
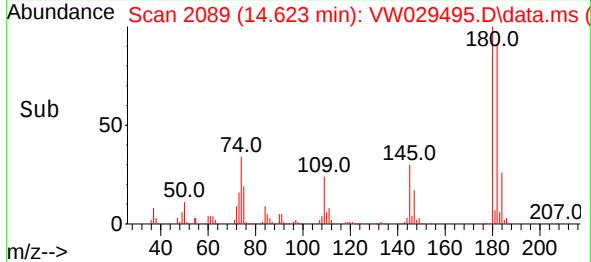
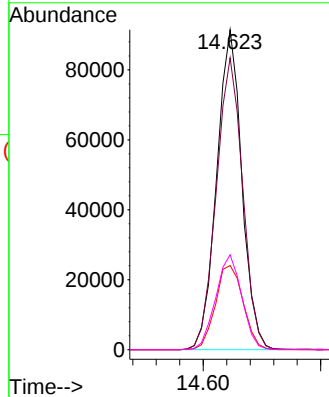
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

184 29.0 24.4 36.6

145 30.8 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 24.895 ug/L

RT: 15.123 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

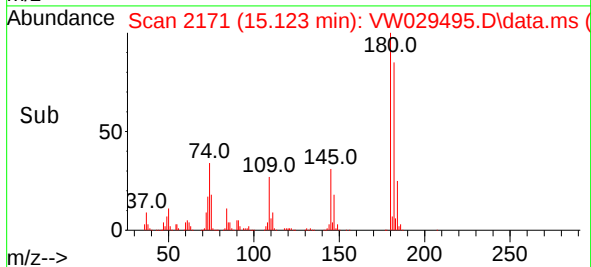
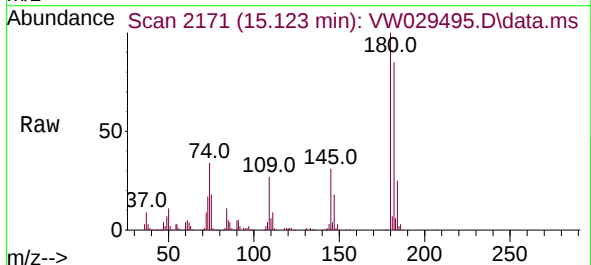
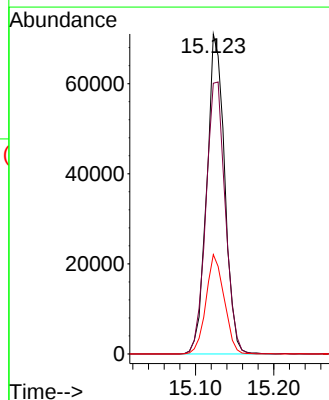
Tgt Ion:180 Resp: 112622

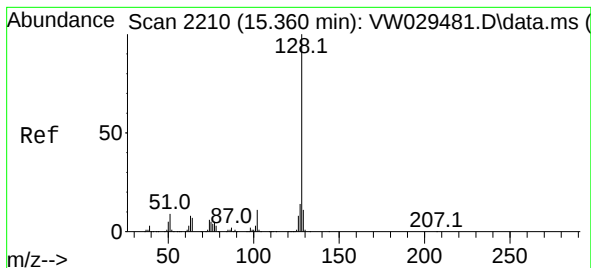
Ion Ratio Lower Upper

180 100

182 92.0 74.7 112.1

145 31.5 26.2 39.2





#71

Naphthalene

Concen: 22.012 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Instrument :

MSVOA_W

ClientSampleId :

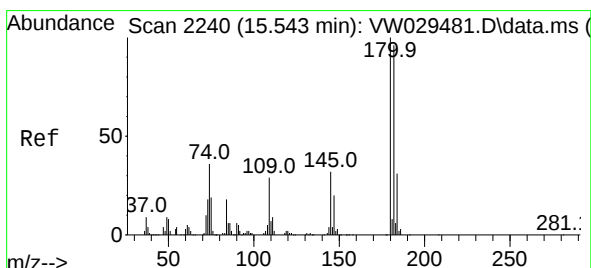
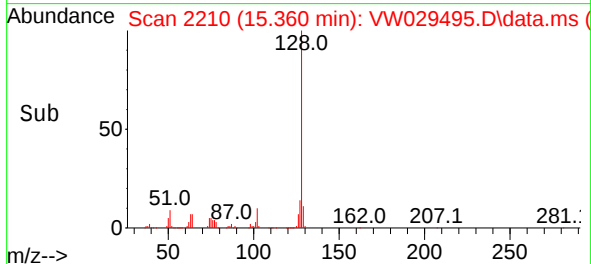
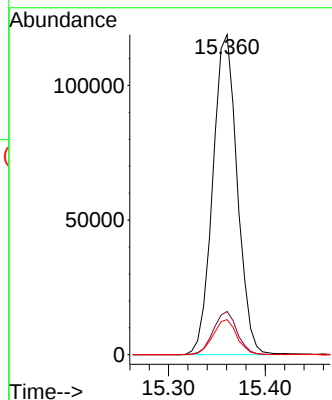
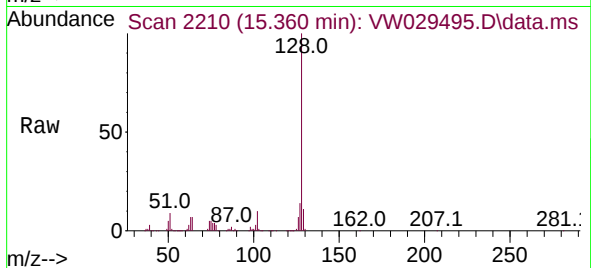
Tgt Ion:128 Resp: 209006

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 24.139 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029495.D

Acq: 10 Jul 2024 09:47

Tgt Ion:180 Resp: 99218

Ion Ratio Lower Upper

180 100

182 94.0 73.4 110.0

145 33.0 26.9 40.3

