

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW070924\
 Data File : VW029493.D
 Acq On : 09 Jul 2024 18:59
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.05g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 10 01:22:20 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	266180	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	254854	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	127644	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	85625	19.913	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.640%
7) Chloroethane-d5	2.899	69	67599	21.833	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.320%
11) 1,1-Dichloroethene-d2	4.021	65	40843	21.152	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.600%
21) 2-Butanone-d5	7.075	46	59711	46.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	92.520%
24) Chloroform-d	7.648	84	186382	24.221	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	8.307	65	112069	24.830	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	99.320%
32) Benzene-d6	8.276	84	363901	23.835	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	9.270	67	117402	24.051	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.200%
41) Toluene-d8	10.319	98	329567	24.546	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.200%
43) trans-1,3-Dichloroprop...	10.575	79	48527	23.476	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.920%
47) 2-Hexanone-d5	10.922	63	45234	50.995	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.000%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	95235	24.029	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.120%
66) 1,2-Dichlorobenzene-d4	13.848	152	106538	23.967	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	45527	17.467	ug/L	96
3) Chloromethane	2.223	50	76479	21.930	ug/L	95
5) Vinyl chloride	2.381	62	86473	21.728	ug/L	94
6) Bromomethane	2.789	94	54596	23.169	ug/L	94
8) Chloroethane	2.936	64	57180	23.350	ug/L	97
9) Trichlorofluoromethane	3.265	101	75037	20.946	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	80954	22.962	ug/L	97
12) 1,1-Dichloroethene	4.045	96	77032	23.271	ug/L	96
13) Acetone	4.119	43	52107	39.996	ug/L	97
14) Carbon disulfide	4.393	76	247682	23.040	ug/L	99
15) Methyl Acetate	4.673	43	57482	25.130	ug/L	98
16) Methylene chloride	4.929	84	121710	25.540	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	90963	24.823	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	169625	27.206	ug/L	99
19) 1,1-Dichloroethane	6.222	63	191659	25.468	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	104281	26.024	ug/L	97
22) 2-Butanone	7.167	43	79257	46.340	ug/L	99
23) Bromochloromethane	7.514	128	46571	25.839	ug/L	95
25) Chloroform	7.679	83	185820	25.520	ug/L	98

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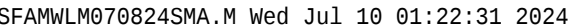
Instrument :
 MSVOA_W
 ClientSampleId :

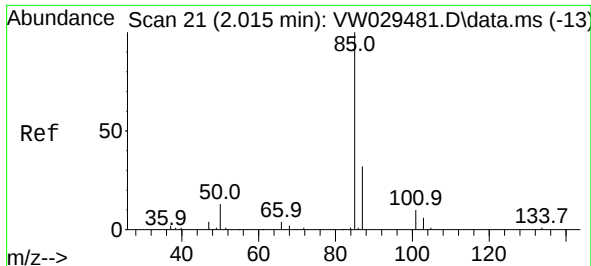
Quant Time: Jul 10 01:22:20 2024
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 Quant Title : SFAM01.0
 QLast Update : Wed Jul 10 01:18:26 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.404	62	139990	25.633	ug/L	98
29) Cyclohexane	7.953	56	149728	23.594	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	139744	24.012	ug/L	99
31) Carbon tetrachloride	8.069	117	123354	23.144	ug/L	99
33) Benzene	8.325	78	407575	25.561	ug/L	100
34) Trichloroethene	9.093	95	102051	24.236	ug/L	97
35) Methylcyclohexane	9.331	83	161549	23.869	ug/L	98
37) 1,2-Dichloropropane	9.368	63	115528	26.201	ug/L	100
38) Bromodichloromethane	9.642	83	137989	25.621	ug/L	95
39) cis-1,3-Dichloropropene	10.075	75	174217	26.306	ug/L	95
40) 4-Methyl-2-pentanone	10.209	43	170454	54.851	ug/L	99
42) Toluene	10.386	91	421476	25.837	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	145365	25.609	ug/L	99
45) 1,1,2-Trichloroethane	10.788	97	81144	25.588	ug/L	99
46) Tetrachloroethene	10.861	164	75056	25.089	ug/L	91
48) 2-Hexanone	10.965	43	122053	52.280	ug/L	97
49) Dibromochloromethane	11.123	129	85021	25.763	ug/L	98
50) 1,2-Dibromoethane	11.233	107	78738	26.055	ug/L	93
51) Chlorobenzene	11.654	112	270860	25.685	ug/L	99
52) Ethylbenzene	11.727	91	478886	25.912	ug/L	96
53) m,p-Xylene	11.837	106	181992	26.824	ug/L	96
54) o-Xylene	12.160	106	175159	27.913	ug/L	90
55) Styrene	12.178	104	303968	27.547	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	103348	25.836	ug/L #	94
59) Bromoform	12.349	173	50412	25.585	ug/L #	91
60) Isopropylbenzene	12.458	105	456822	25.436	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	76370	24.722	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	360027	28.182	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	387952	27.515	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	201002	24.968	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	209826	25.442	ug/L	93
67) 1,2-Dichlorobenzene	13.867	146	184855	25.403	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	18331	24.821	ug/L	96
69) 1,3,5-Trichlorobenzene	14.623	180	133639	25.447	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	125068	27.065	ug/L	97
71) Naphthalene	15.360	128	264423	27.263	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	109613	26.108	ug/L	98

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

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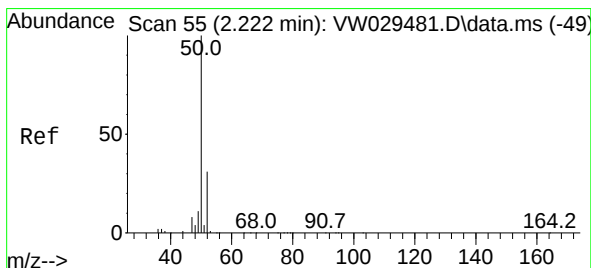
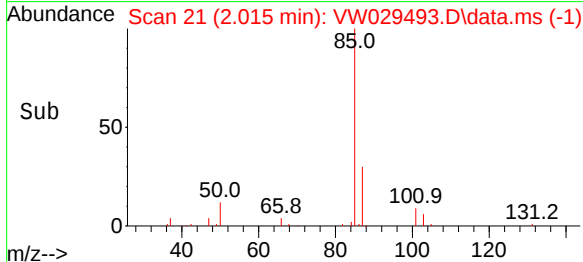
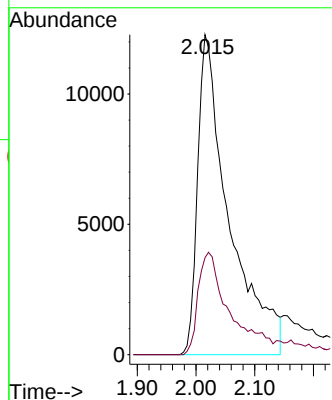
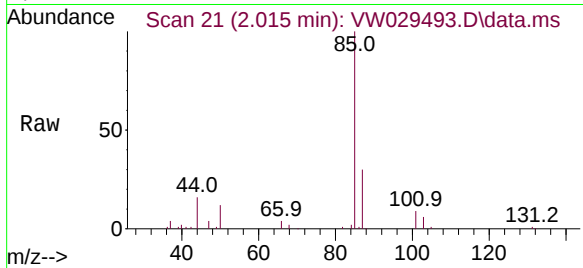




#2
Dichlorodifluoromethane
Concen: 17.467 ug/L
RT: 2.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

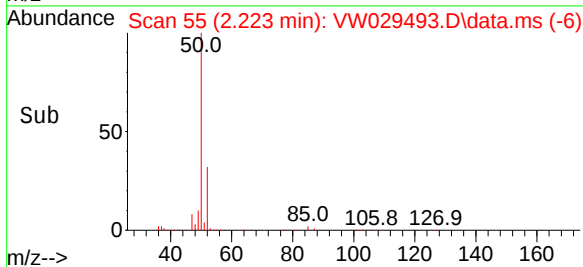
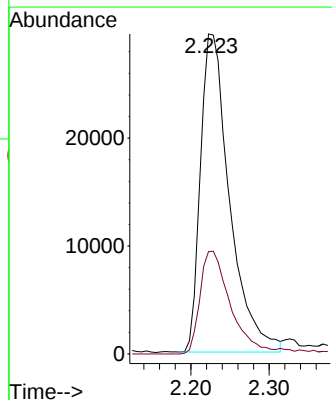
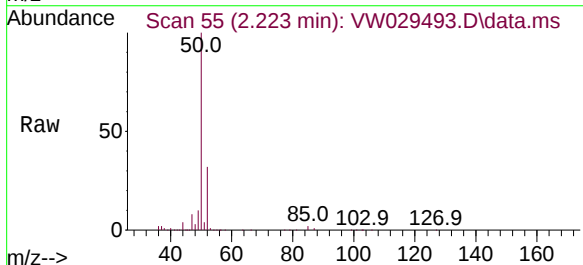
Instrument :
MSVOA_W
ClientSampleId :

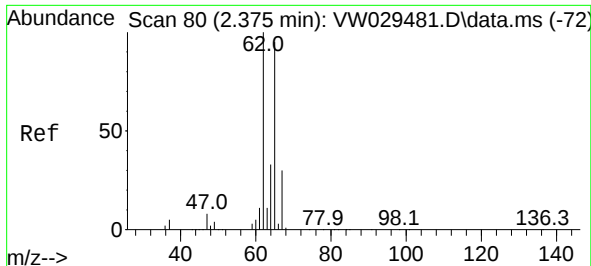
Tgt Ion: 85 Resp: 45527
Ion Ratio Lower Upper
85 100
87 30.2 26.1 39.1



#3
Chloromethane
Concen: 21.930 ug/L
RT: 2.223 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 50 Resp: 76479
Ion Ratio Lower Upper
50 100
52 32.0 24.4 45.2

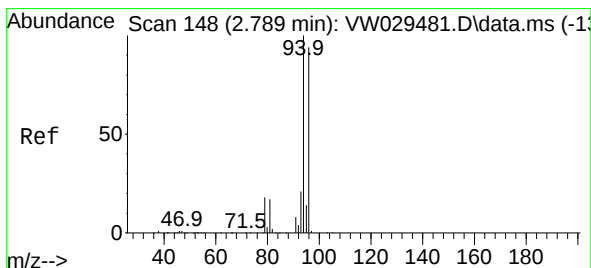
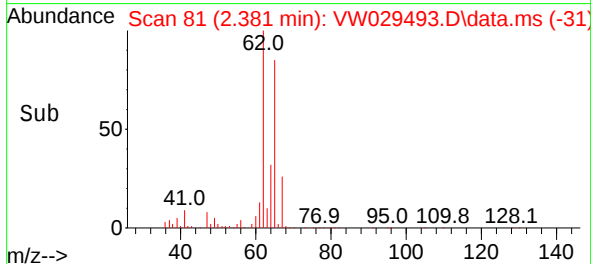
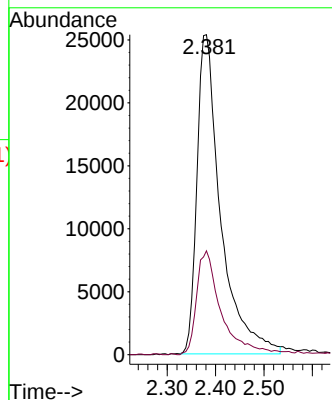
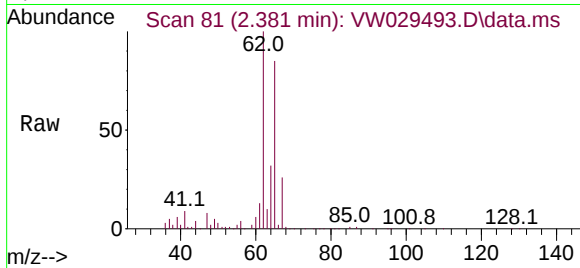




#5
 Vinyl chloride
 Concen: 21.728 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW029493.D
 Acq: 09 Jul 2024 18:59

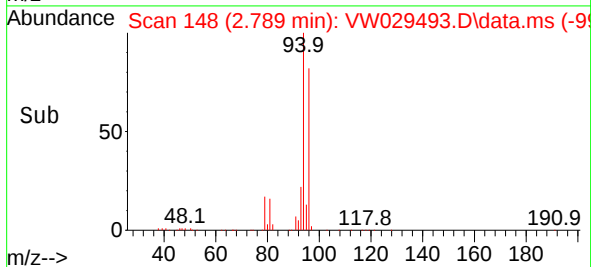
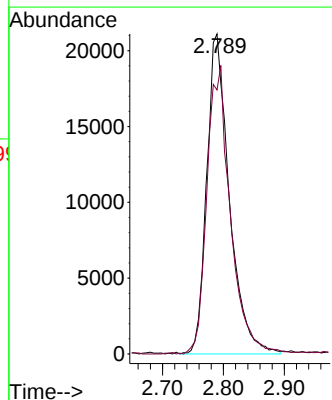
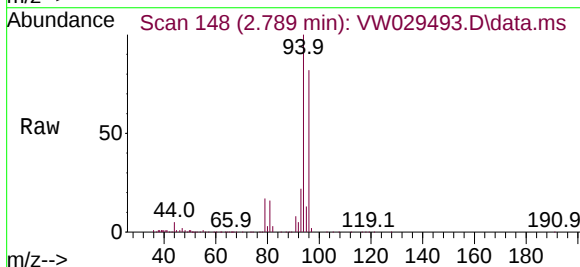
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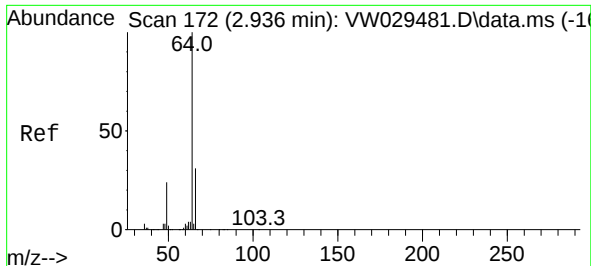
Tgt Ion: 62 Resp: 86473
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.1 46.5



#6
 Bromomethane
 Concen: 23.169 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW029493.D
 Acq: 09 Jul 2024 18:59

Tgt Ion: 94 Resp: 54596
 Ion Ratio Lower Upper
 94 100
 96 82.5 61.7 114.7

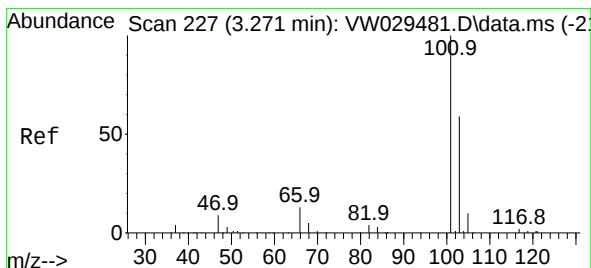
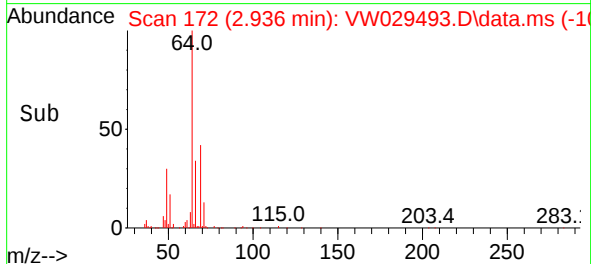
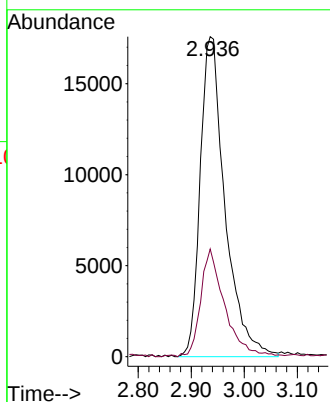
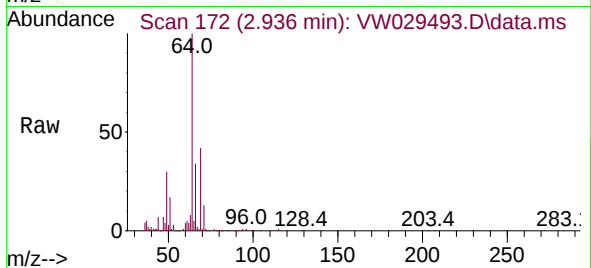




#8
Chloroethane
Concen: 23.350 ug/L
RT: 2.936 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

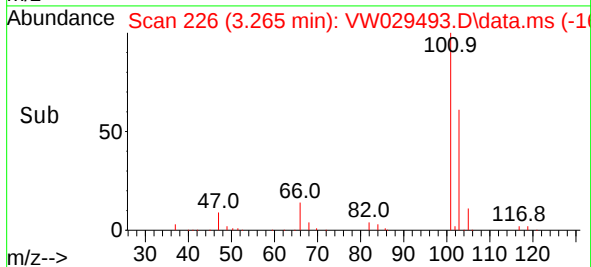
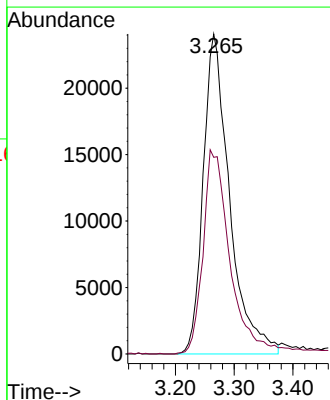
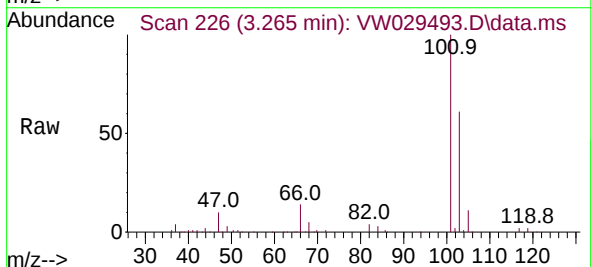
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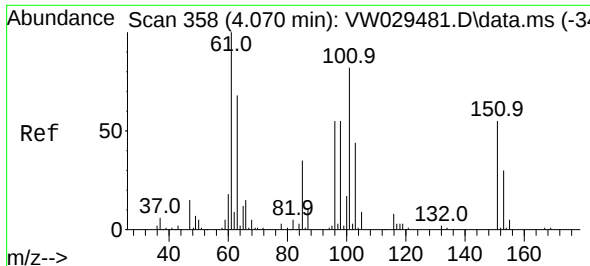
Tgt Ion: 64 Resp: 57180
Ion Ratio Lower Upper
64 100
66 33.6 22.3 41.3



#9
Trichlorofluoromethane
Concen: 20.946 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion:101 Resp: 75037
Ion Ratio Lower Upper
101 100
103 62.9 49.6 74.4





#10

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

Concen: 22.962 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

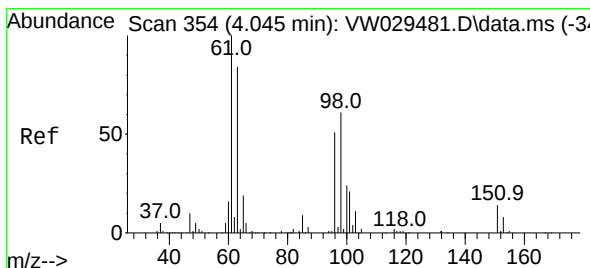
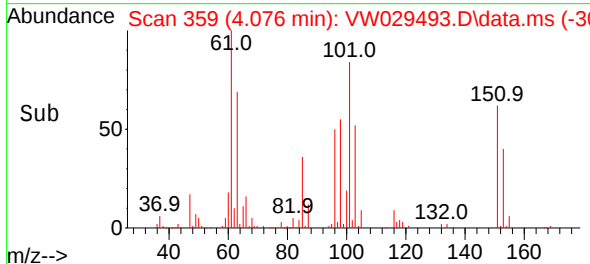
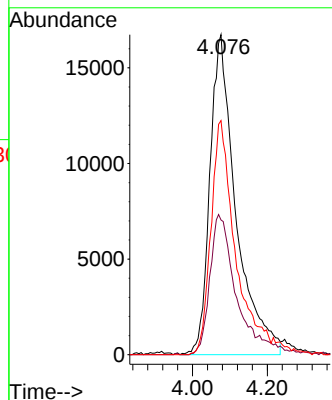
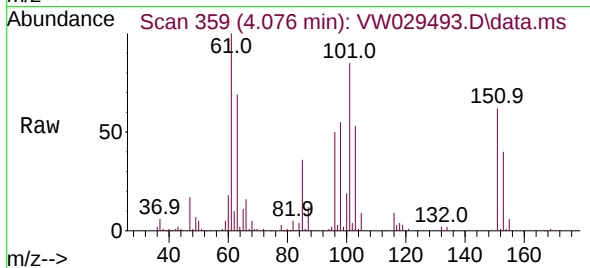
Tgt Ion:101 Resp: 80954

Ion Ratio Lower Upper

101 100

85 41.0 33.8 50.8

151 65.8 55.4 83.0



#12

1,1-Dichloroethene

Concen: 23.271 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

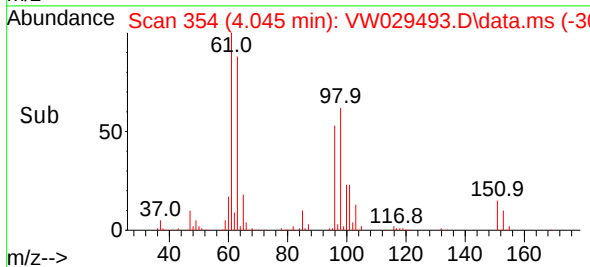
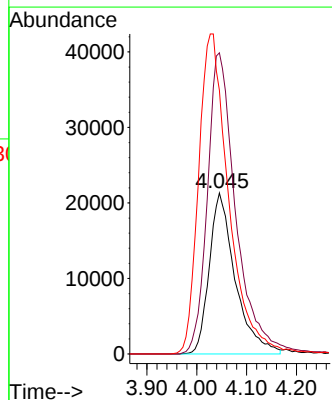
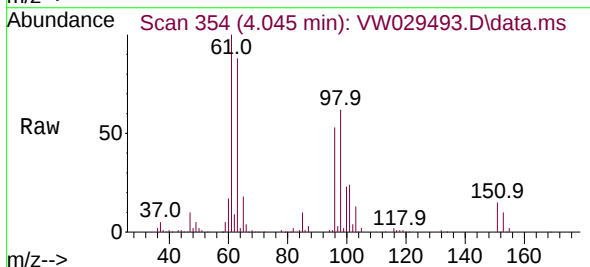
Tgt Ion: 96 Resp: 77032

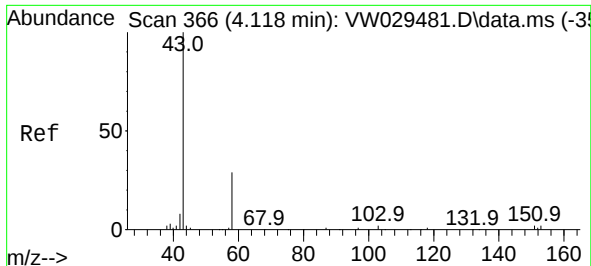
Ion Ratio Lower Upper

96 100

61 187.1 132.4 245.8

63 163.9 108.4 201.2

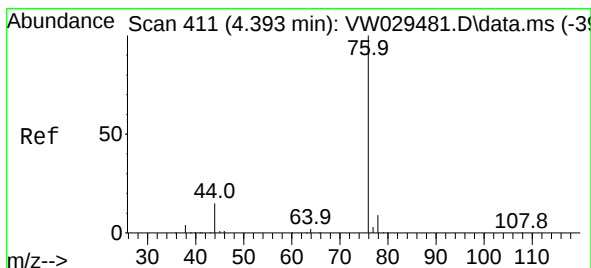
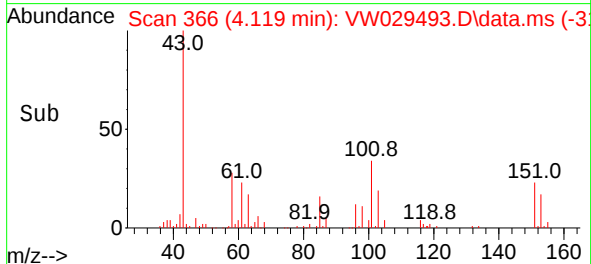
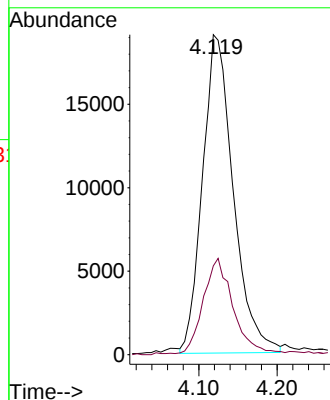
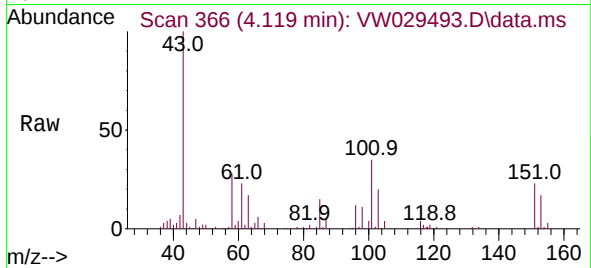




#13
Acetone
Concen: 39.996 ug/L
RT: 4.119 min Scan# 366
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

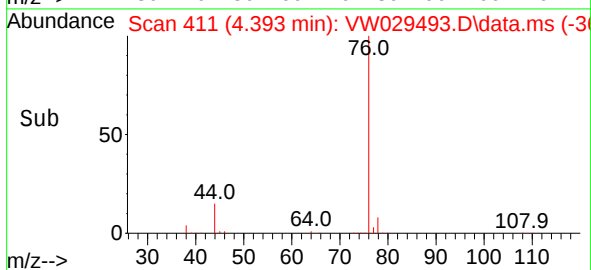
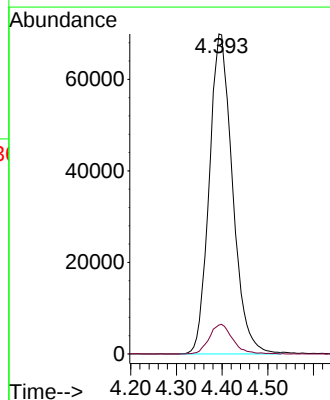
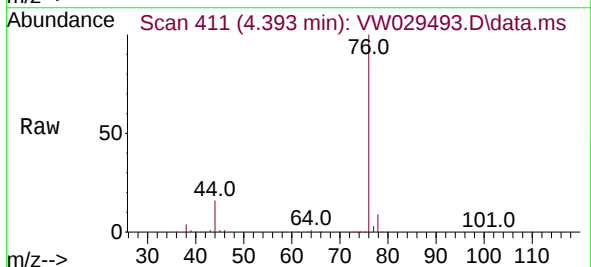
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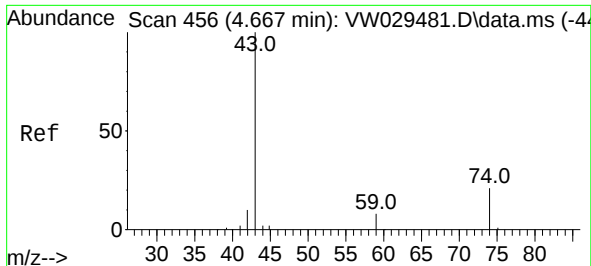
Tgt Ion: 43 Resp: 52107
Ion Ratio Lower Upper
43 100
58 29.3 0.0 55.6



#14
Carbon disulfide
Concen: 23.040 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 76 Resp: 247682
Ion Ratio Lower Upper
76 100
78 9.0 7.0 10.4

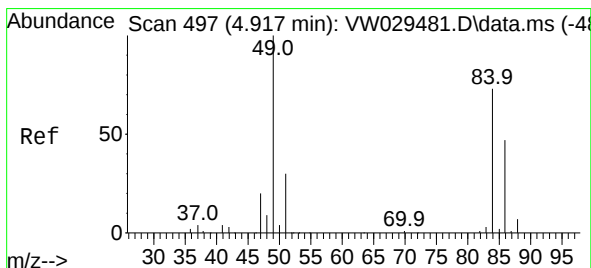
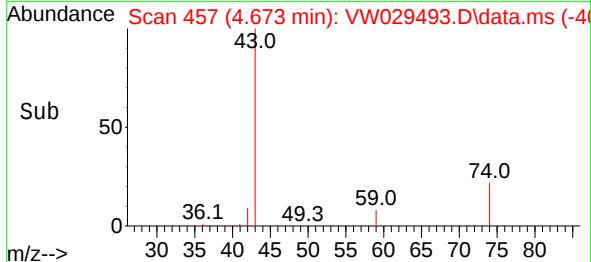
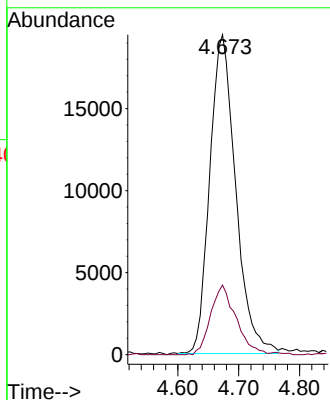
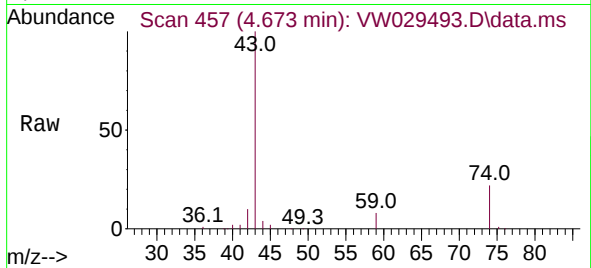




#15
Methyl Acetate
Concen: 25.130 ug/L
RT: 4.673 min Scan# 456
Delta R.T. 0.006 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

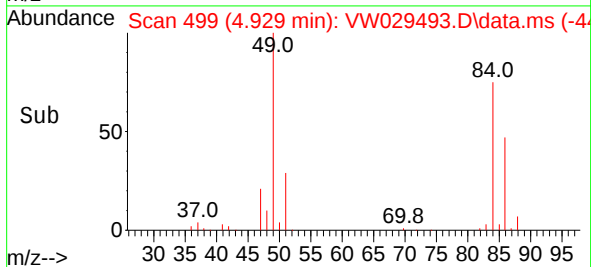
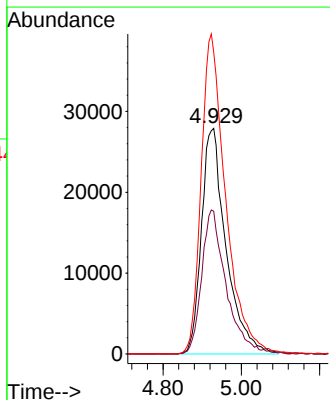
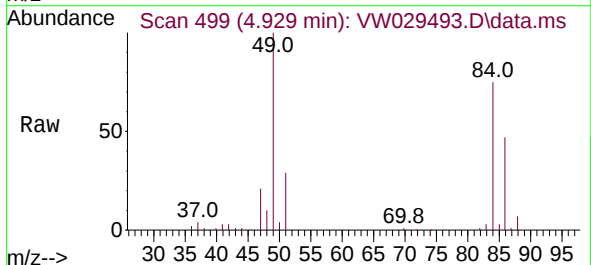
Instrument :
MSVOA_W
ClientSampleId :

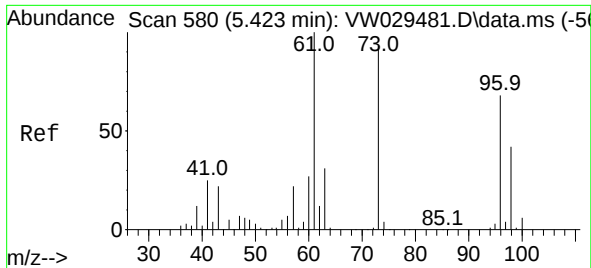
Tgt Ion: 43 Resp: 57482
Ion Ratio Lower Upper
43 100
74 21.3 16.2 24.4



#16
Methylene chloride
Concen: 25.540 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 84 Resp: 121710
Ion Ratio Lower Upper
84 100
86 63.3 46.2 85.8
49 133.8 96.7 179.7





#17

trans-1,2-Dichloroethene

Concen: 24.823 ug/L

RT: 5.429 min Scan# 580

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

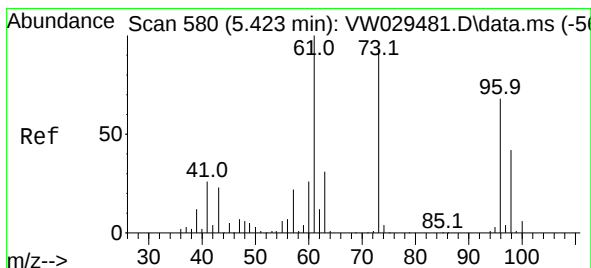
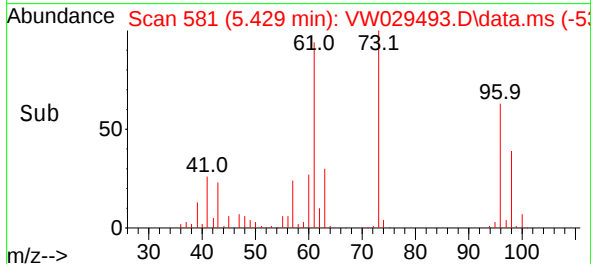
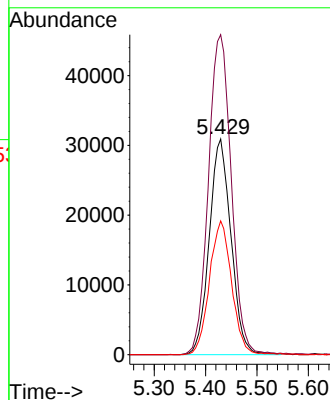
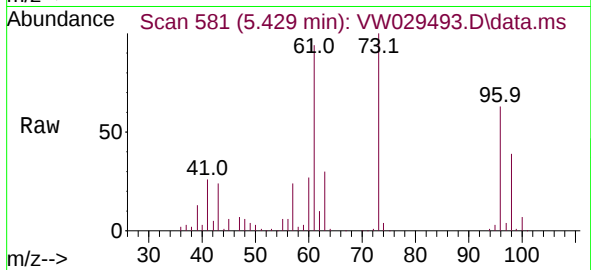
Tgt Ion: 96 Resp: 90963

Ion Ratio Lower Upper

96 100

61 148.3 102.9 191.1

98 62.0 43.9 81.5



#18

Methyl tert-butyl Ether

Concen: 27.206 ug/L

RT: 5.429 min Scan# 581

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

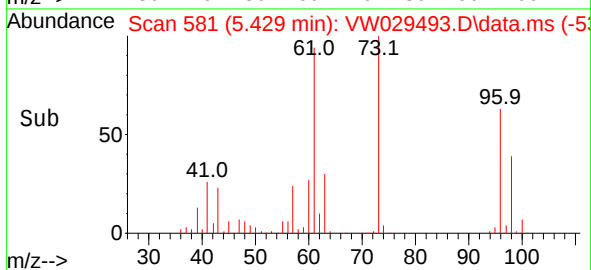
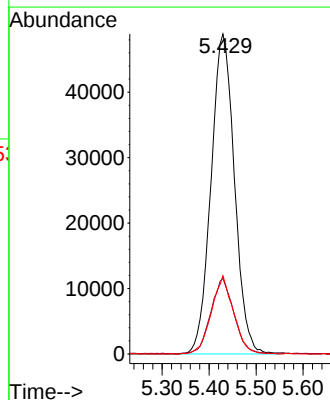
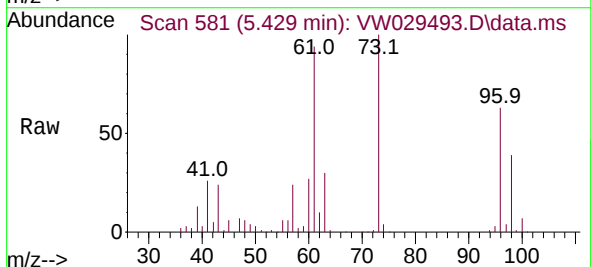
Tgt Ion: 73 Resp: 169625

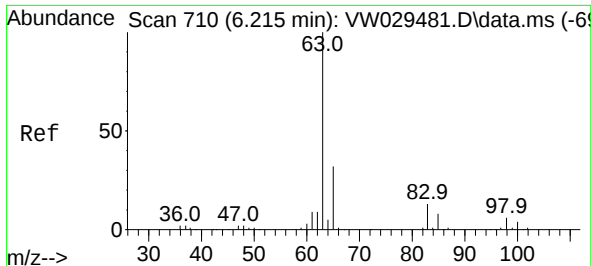
Ion Ratio Lower Upper

73 100

43 23.3 18.7 28.1

57 23.1 18.9 28.3

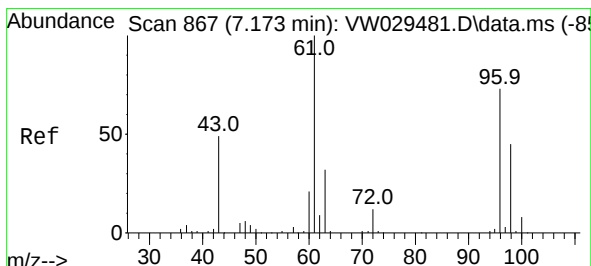
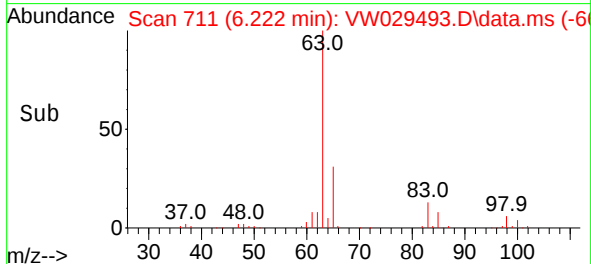
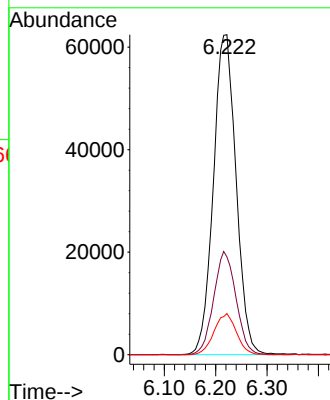
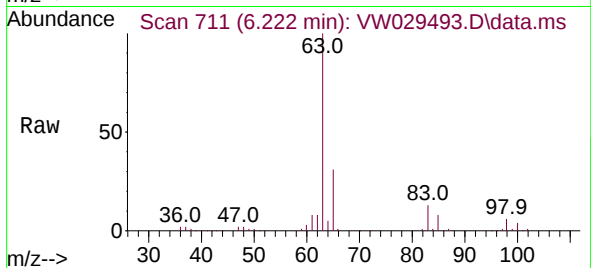




#19
1,1-Dichloroethane
Concen: 25.468 ug/L
RT: 6.222 min Scan# 711
Delta R.T. 0.006 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

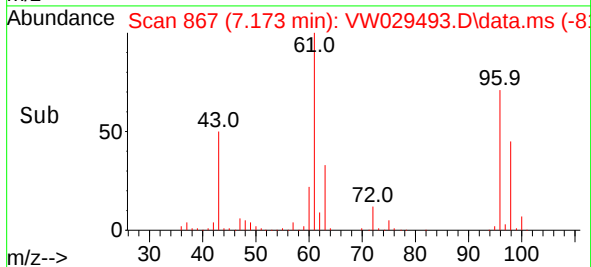
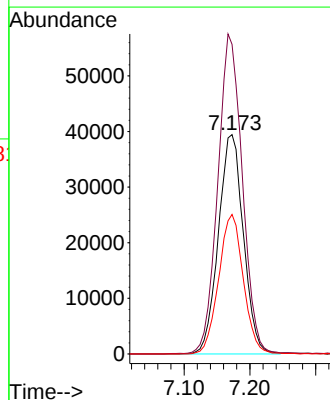
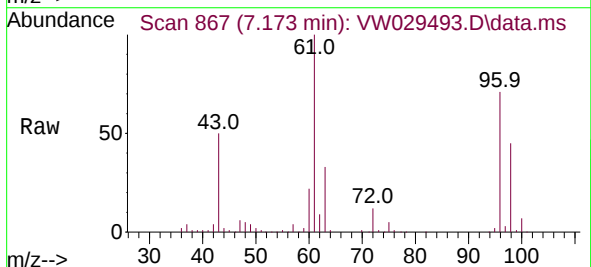
Instrument :
MSVOA_W
ClientSampleId :

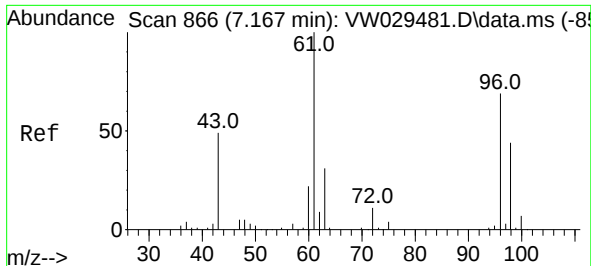
Tgt Ion: 63 Resp: 191659
Ion Ratio Lower Upper
63 100
65 30.5 21.5 39.9
83 12.8 8.7 16.1



#20
cis-1,2-Dichloroethene
Concen: 26.024 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 96 Resp: 104281
Ion Ratio Lower Upper
96 100
61 141.1 97.4 180.8
98 63.6 41.6 77.2





#22

2-Butanone

Concen: 46.340 ug/L

RT: 7.167 min Scan# 866

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

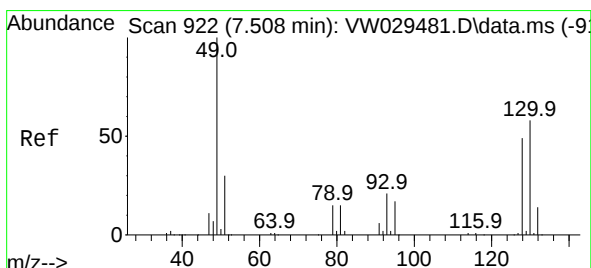
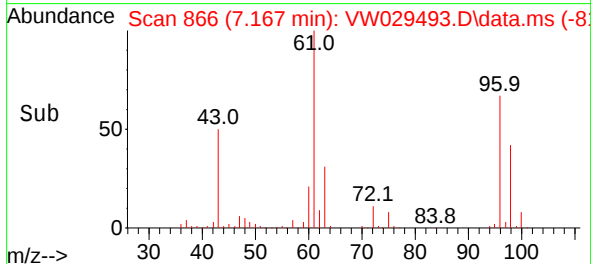
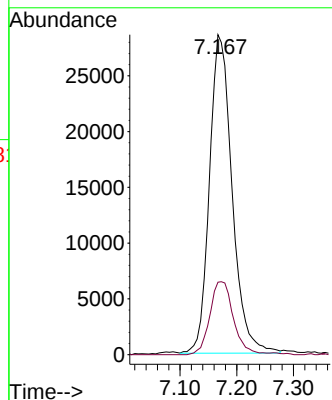
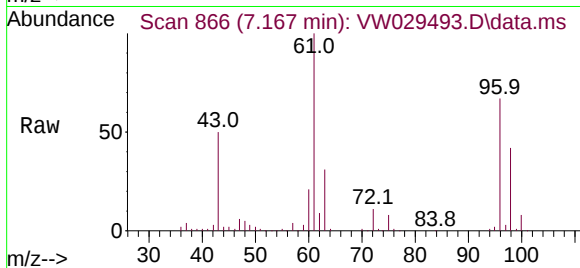
ClientSampleId :

Tgt Ion: 43 Resp: 79257

Ion Ratio Lower Upper

43 100

72 23.7 12.0 36.1



#23

Bromochloromethane

Concen: 25.839 ug/L

RT: 7.514 min Scan# 923

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Tgt Ion: 128 Resp: 46571

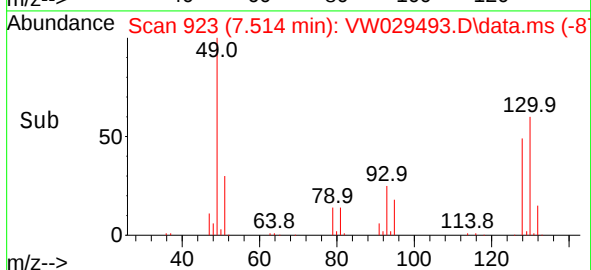
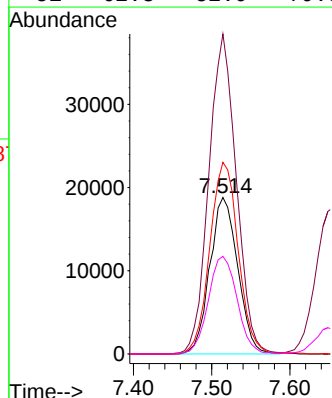
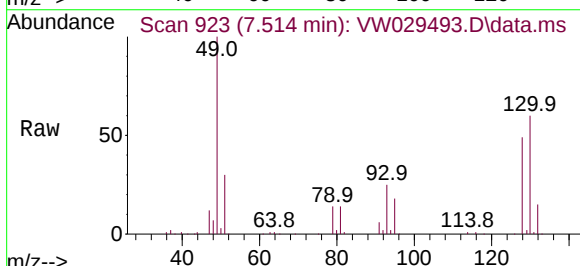
Ion Ratio Lower Upper

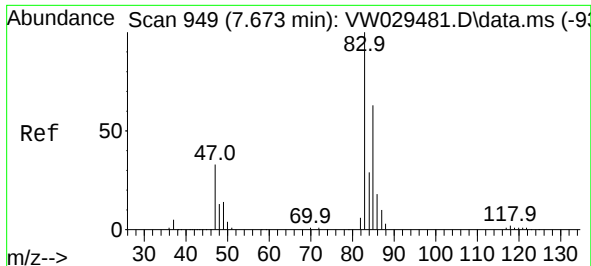
128 100

49 204.4 146.2 271.4

130 122.5 91.9 170.7

51 62.3 52.9 79.3





#25

Chloroform

Concen: 25.520 ug/L

RT: 7.679 min Scan# 949

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

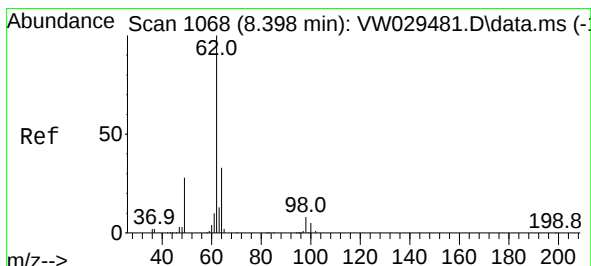
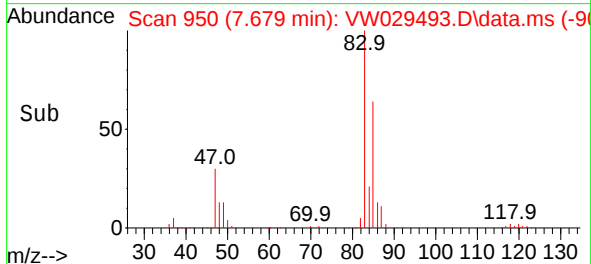
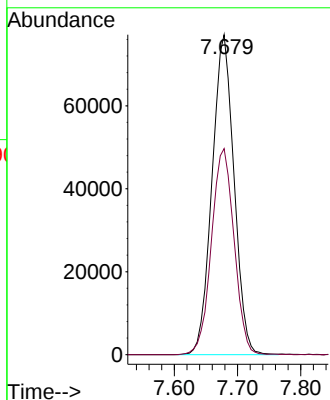
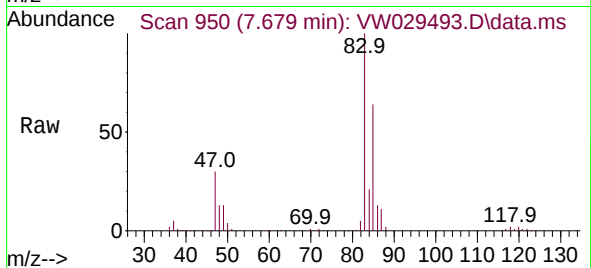
ClientSampleId :

Tgt Ion: 83 Resp: 185820

Ion Ratio Lower Upper

83 100

85 64.4 44.1 81.9



#27

1,2-Dichloroethane

Concen: 25.633 ug/L

RT: 8.404 min Scan# 1069

Delta R.T. 0.006 min

Lab File: VW029493.D

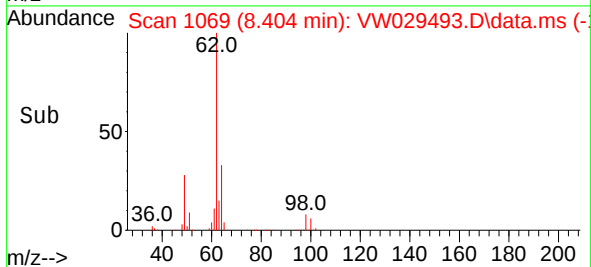
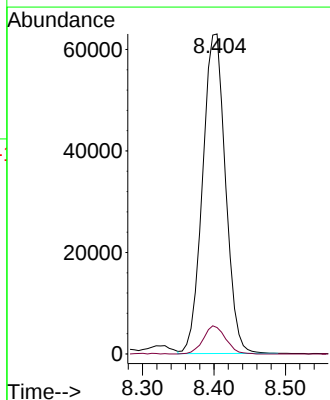
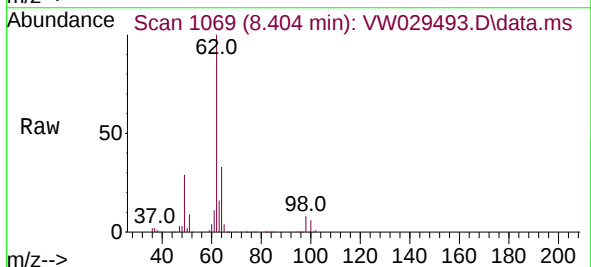
Acq: 09 Jul 2024 18:59

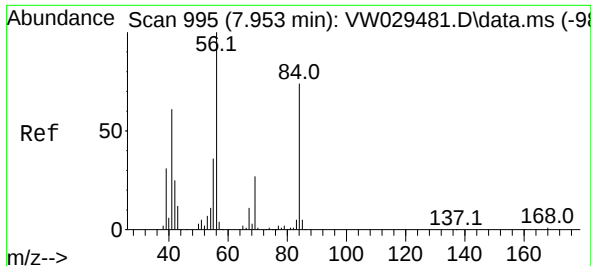
Tgt Ion: 62 Resp: 139990

Ion Ratio Lower Upper

62 100

98 8.2 6.0 9.0





#29

Cyclohexane

Concen: 23.594 ug/L

RT: 7.953 min Scan# 995

Delta R.T. 0.000 min

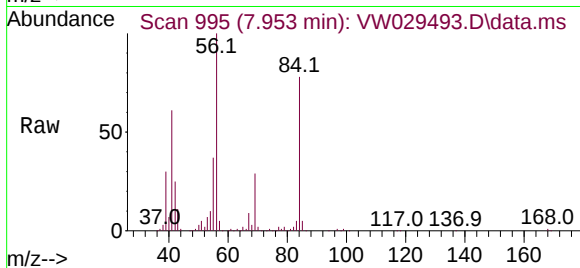
Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

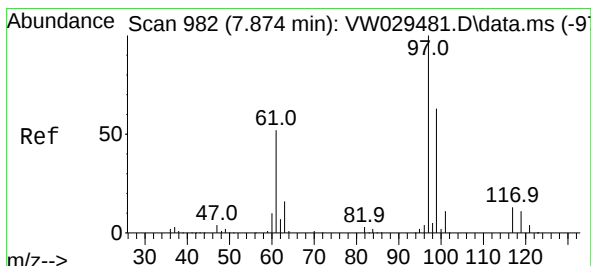
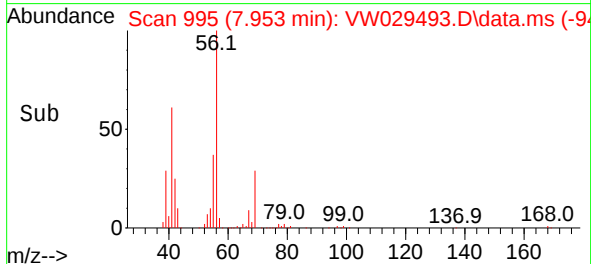
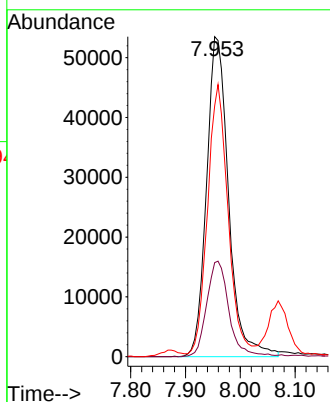
ClientSampleId :



Tgt Ion: 56 Resp: 149728

Ion Ratio Lower Upper

56	100		
69	29.7	23.3	34.9
84	78.8	63.1	94.7



#30

1,1,1-Trichloroethane

Concen: 24.012 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

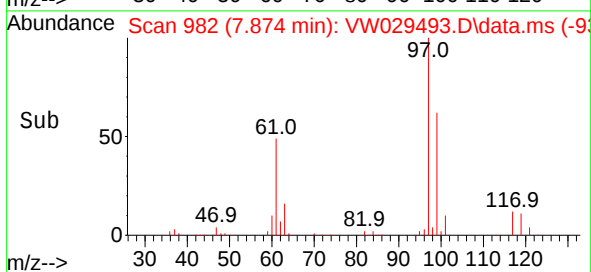
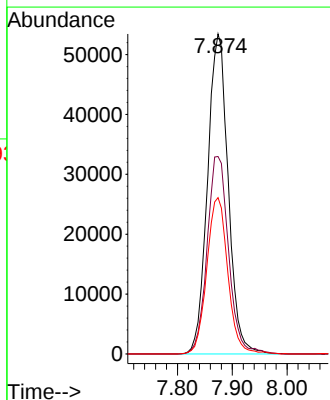
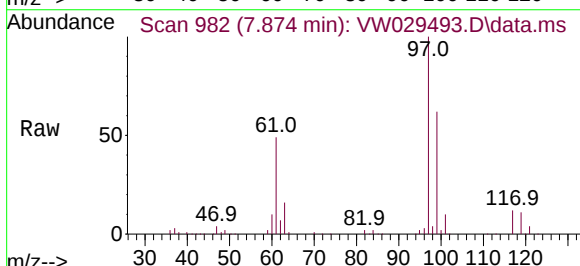
Lab File: VW029493.D

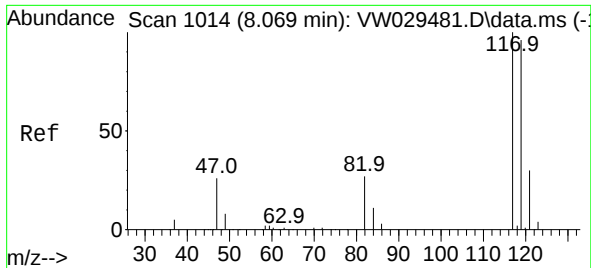
Acq: 09 Jul 2024 18:59

Tgt Ion: 97 Resp: 139744

Ion Ratio Lower Upper

97	100		
99	63.4	51.1	76.7
61	49.4	40.6	61.0

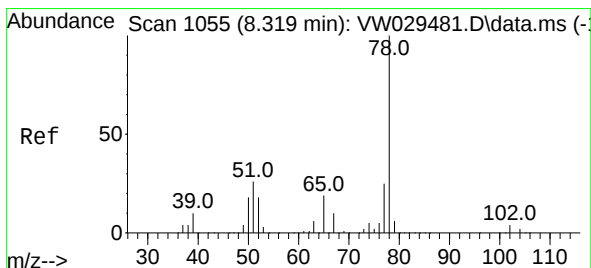
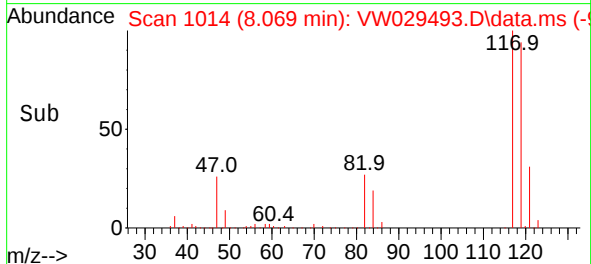
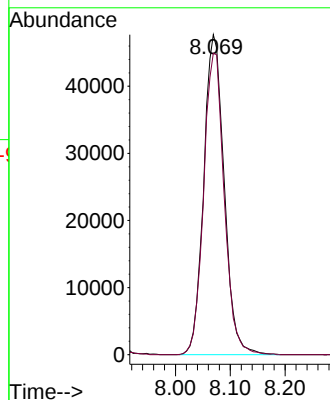
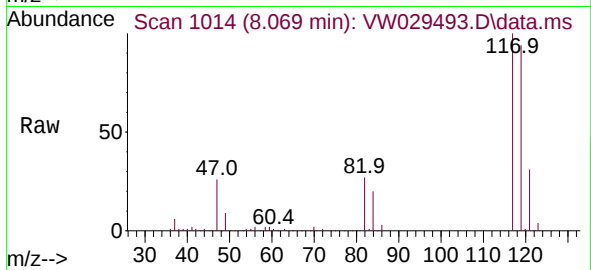




#31
Carbon tetrachloride
Concen: 23.144 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

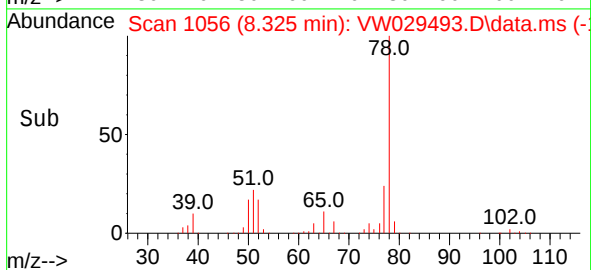
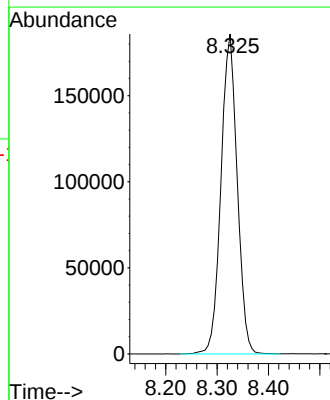
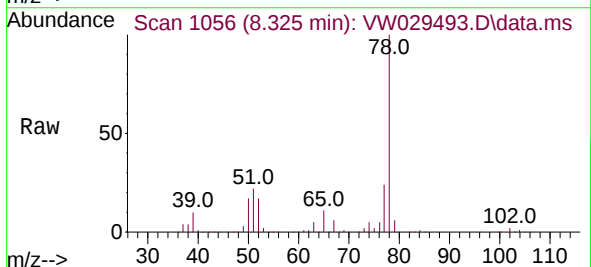
Instrument :
MSVOA_W
ClientSampleId :

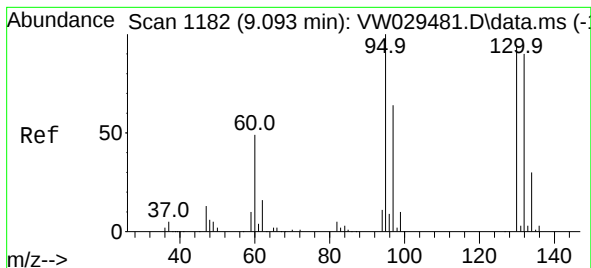
Tgt Ion:117 Resp: 123354
Ion Ratio Lower Upper
117 100
119 94.9 77.0 115.6



#33
Benzene
Concen: 25.561 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 78 Resp: 407575





#34

Trichloroethene

Concen: 24.236 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 102051

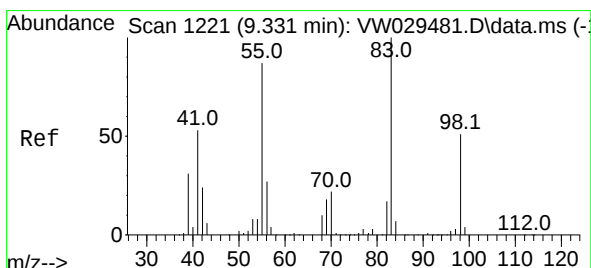
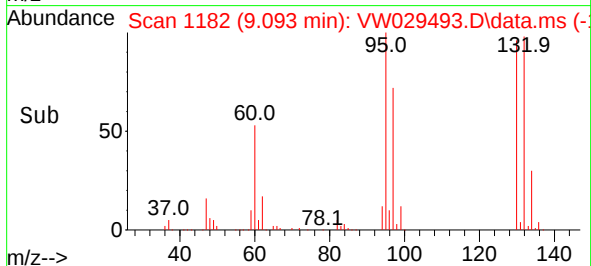
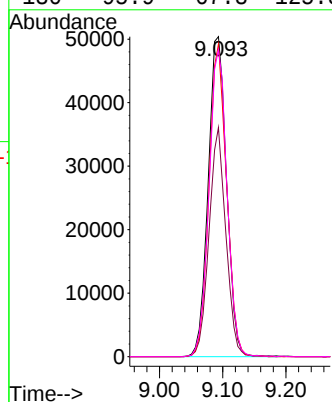
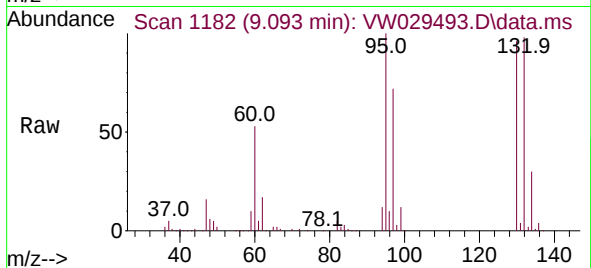
Ion Ratio Lower Upper

95 100

97 71.6 47.3 87.9

132 97.7 65.8 122.2

130 95.9 67.8 125.8



#35

Methylcyclohexane

Concen: 23.869 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

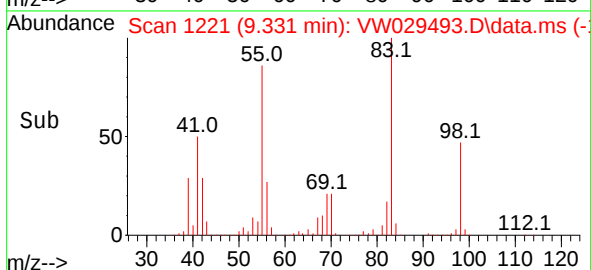
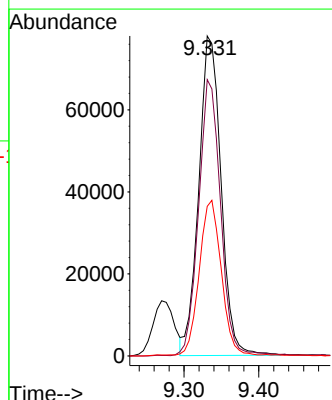
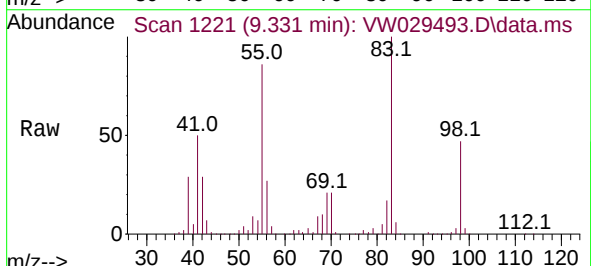
Tgt Ion: 83 Resp: 161549

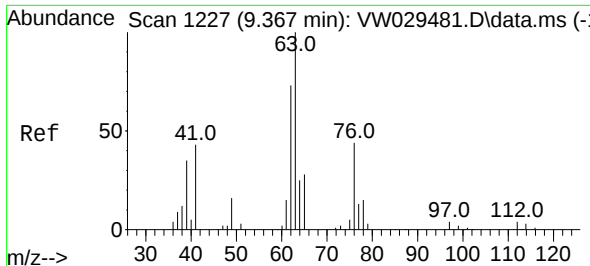
Ion Ratio Lower Upper

83 100

55 85.0 69.6 104.4

98 48.4 38.3 57.5





#37

1,2-Dichloropropane

Concen: 26.201 ug/L

RT: 9.368 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

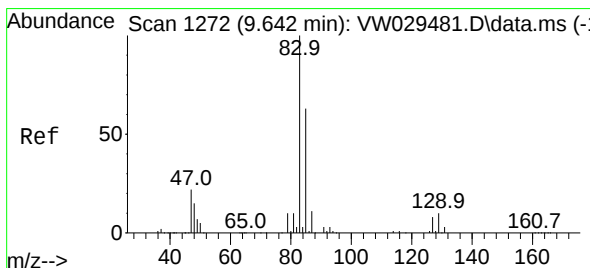
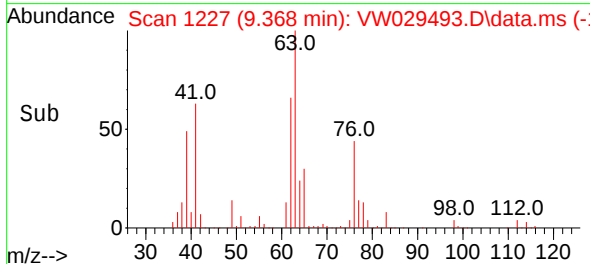
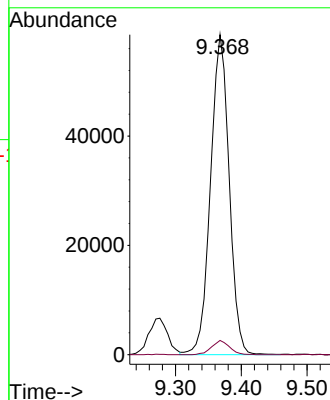
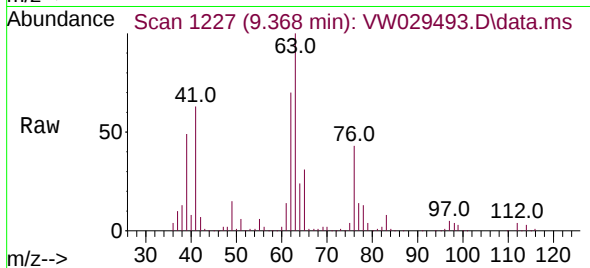
ClientSampleId :

Tgt Ion: 63 Resp: 115528

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



#38

Bromodichloromethane

Concen: 25.621 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

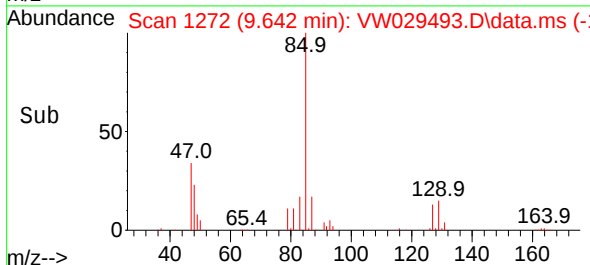
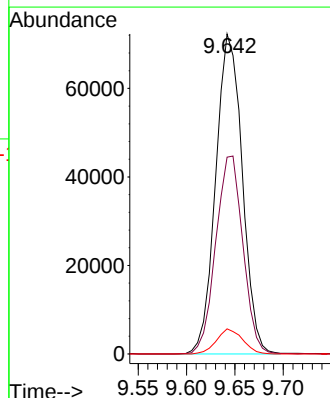
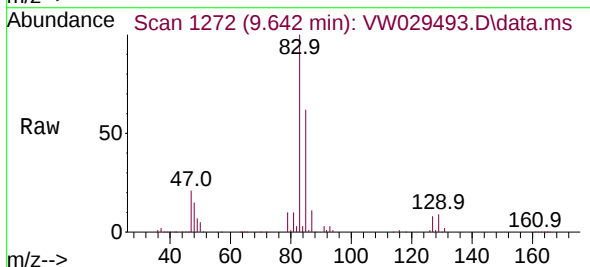
Tgt Ion: 83 Resp: 137989

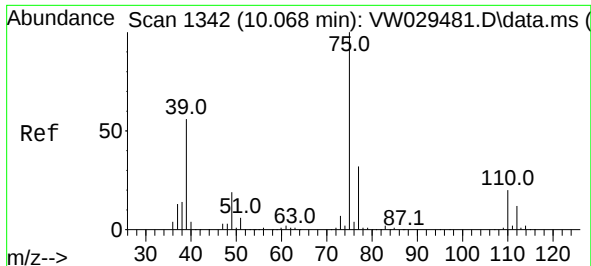
Ion Ratio Lower Upper

83 100

85 61.5 46.1 85.5

127 7.8 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 26.306 ug/L

RT: 10.075 min Scan# 1342

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

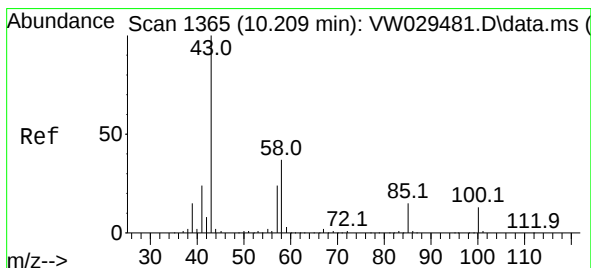
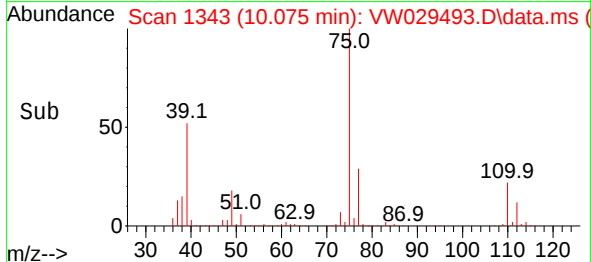
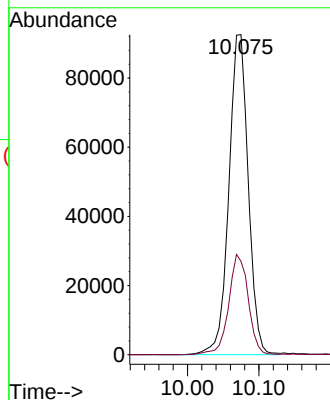
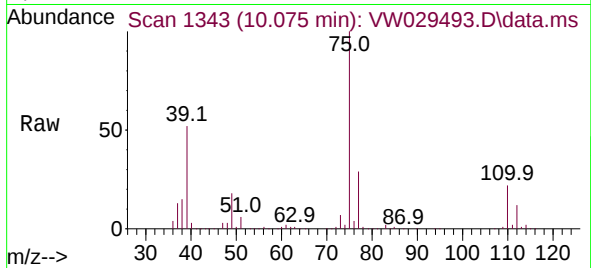
ClientSampleId :

Tgt Ion: 75 Resp: 174217

Ion Ratio Lower Upper

75 100

77 29.1 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 54.851 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

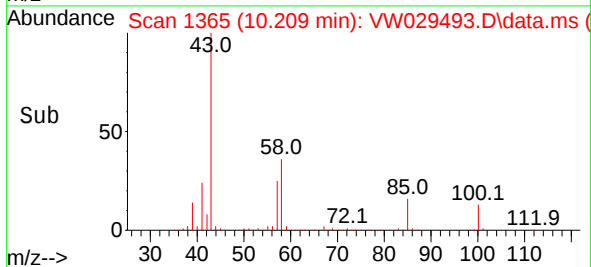
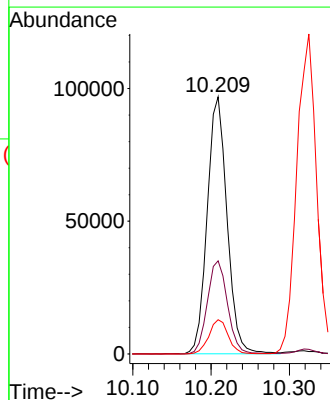
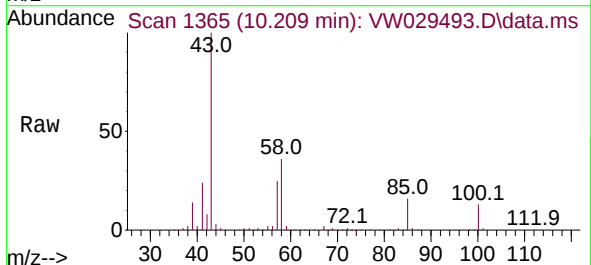
Tgt Ion: 43 Resp: 170454

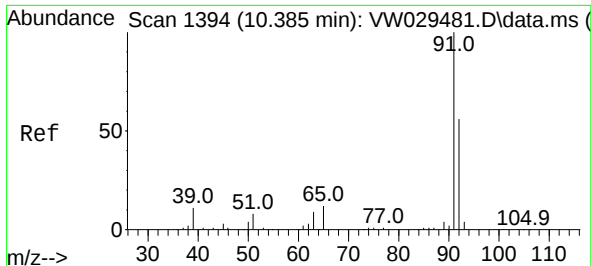
Ion Ratio Lower Upper

43 100

58 36.9 29.0 43.6

100 13.1 10.5 15.7

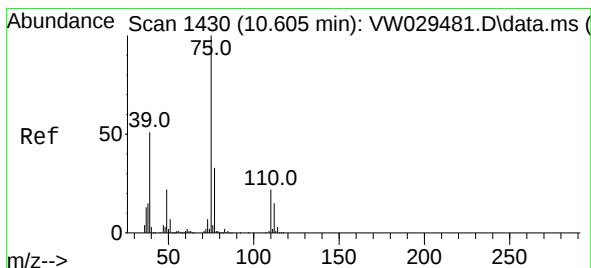
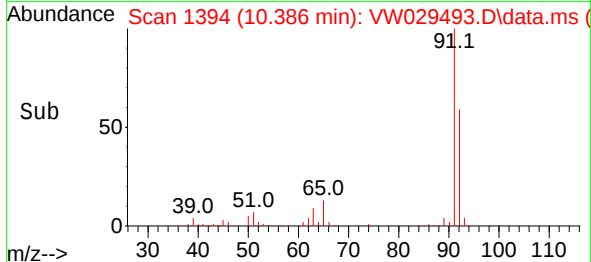
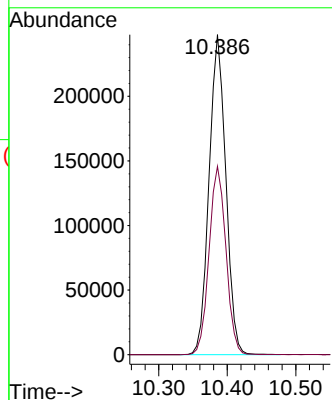
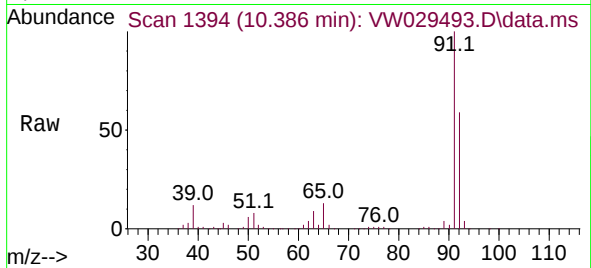




#42
Toluene
Concen: 25.837 ug/L
RT: 10.386 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

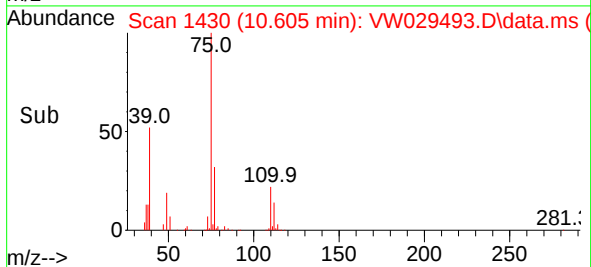
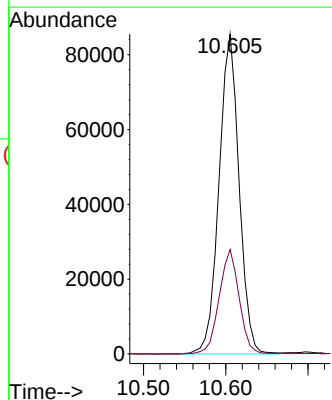
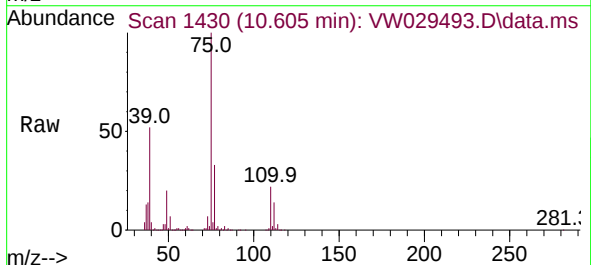
Instrument :
MSVOA_W
ClientSampleId :

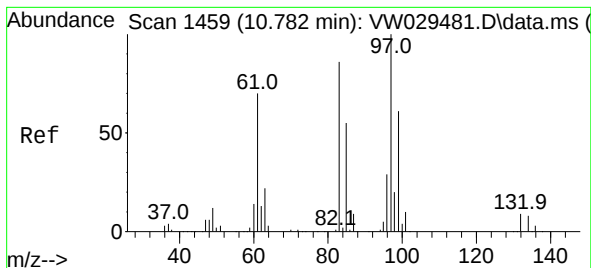
Tgt Ion: 91 Resp: 421476
Ion Ratio Lower Upper
91 100
92 58.8 41.1 76.3



#44
trans-1,3-Dichloropropene
Concen: 25.609 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 75 Resp: 145365
Ion Ratio Lower Upper
75 100
77 32.6 22.4 41.6





#45

1,1,2-Trichloroethane

Concen: 25.588 ug/L

RT: 10.788 min Scan# 1459

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 81144

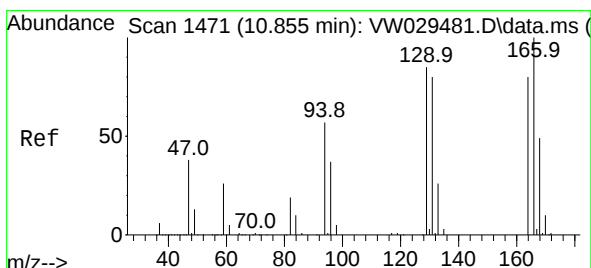
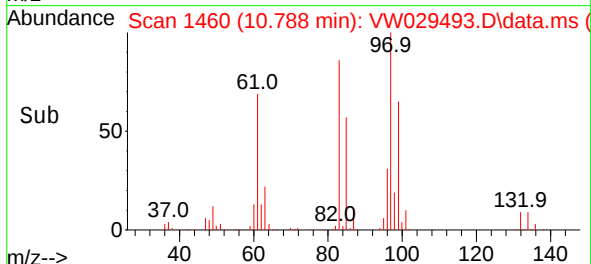
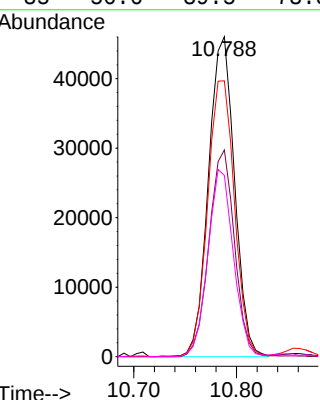
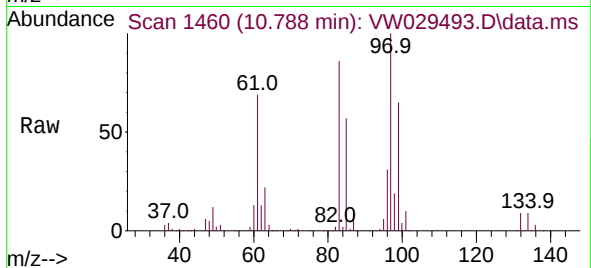
Ion Ratio Lower Upper

97 100

99 64.6 43.8 81.4

83 86.2 60.3 111.9

85 56.6 39.5 73.3



#46

Tetrachloroethene

Concen: 25.089 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Tgt Ion:164 Resp: 75056

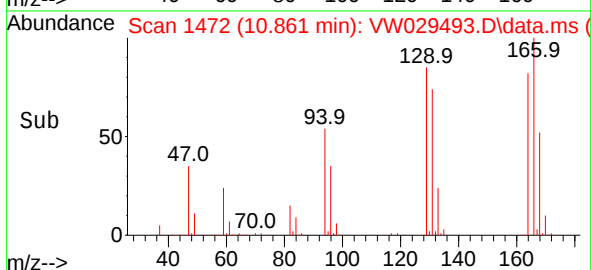
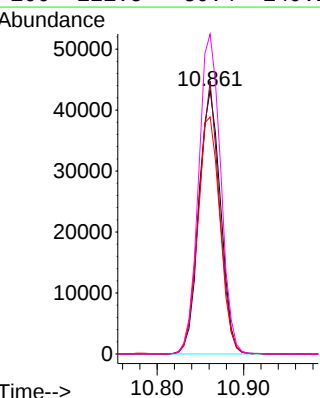
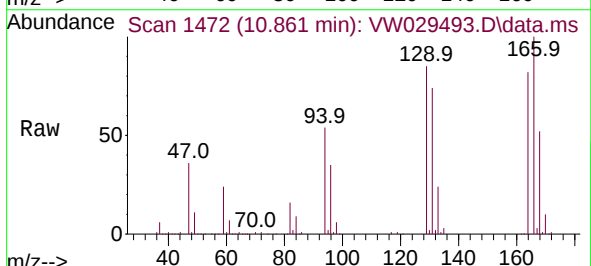
Ion Ratio Lower Upper

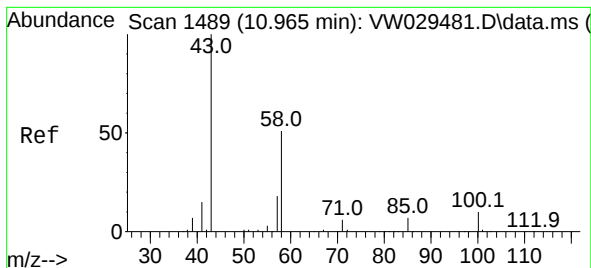
164 100

129 103.6 60.0 111.4

131 90.0 64.6 120.0

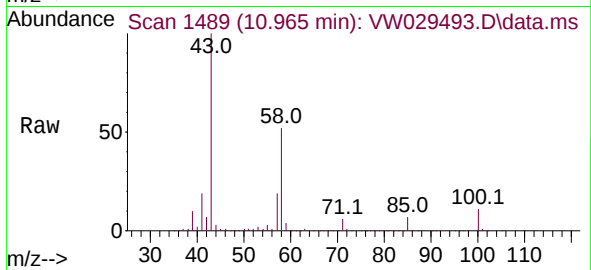
166 121.5 80.4 149.2



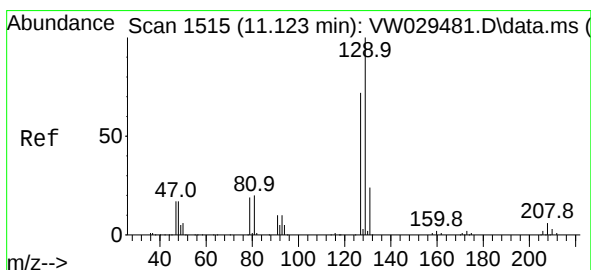
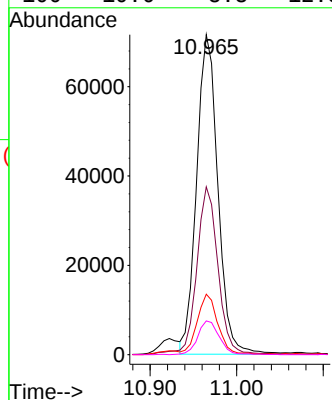
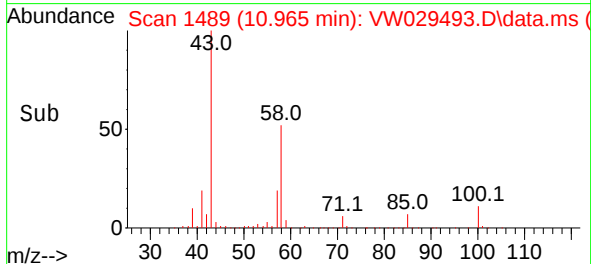


#48
2-Hexanone
Concen: 52.280 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Instrument :
MSVOA_W
ClientSampleId :

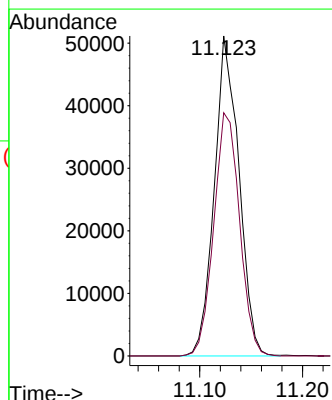
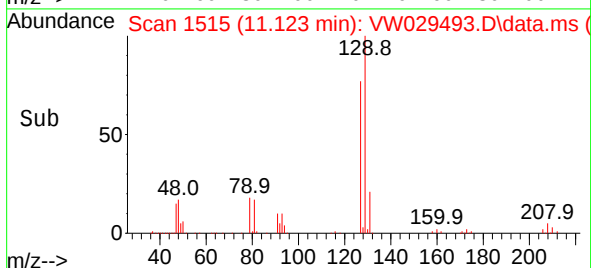
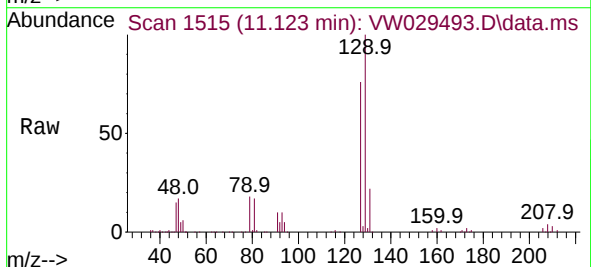


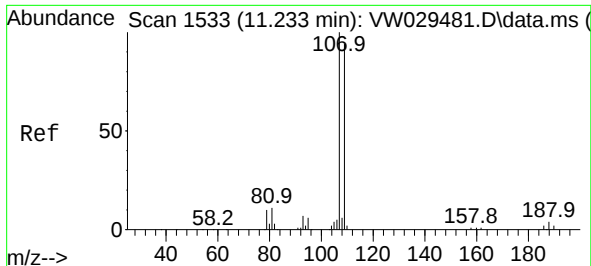
Tgt Ion: 43 Resp: 122053
Ion Ratio Lower Upper
43 100
58 52.4 39.8 59.8
57 18.3 14.6 21.8
100 10.6 8.3 12.5



#49
Dibromochloromethane
Concen: 25.763 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 129 Resp: 85021
Ion Ratio Lower Upper
129 100
127 76.0 51.9 96.3





#50

1,2-Dibromoethane

Concen: 26.055 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

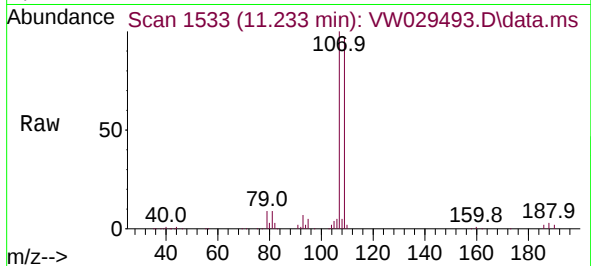
Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :



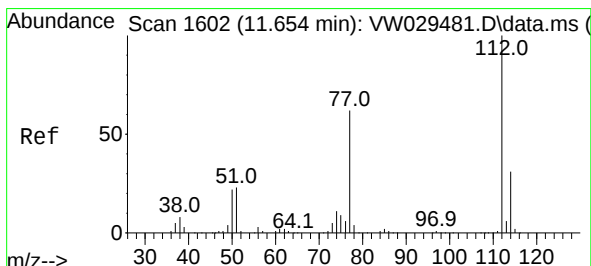
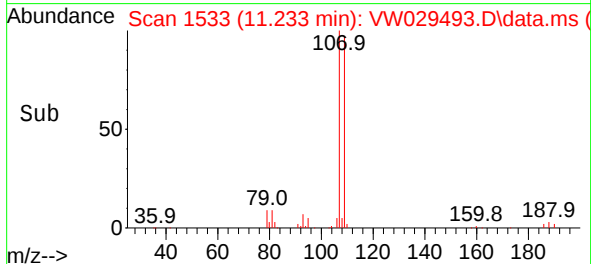
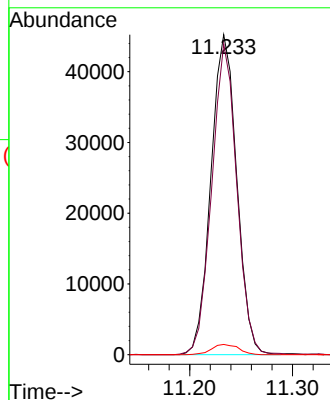
Tgt Ion:107 Resp: 78738

Ion Ratio Lower Upper

107 100

109 97.1 63.2 117.4

188 3.2 2.9 4.3



#51

Chlorobenzene

Concen: 25.685 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

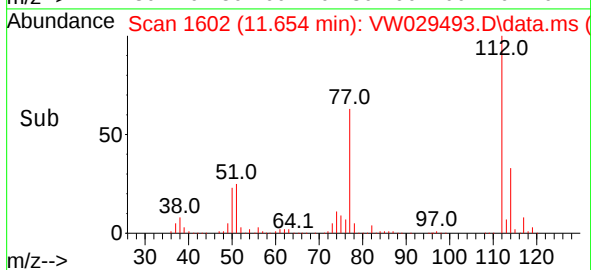
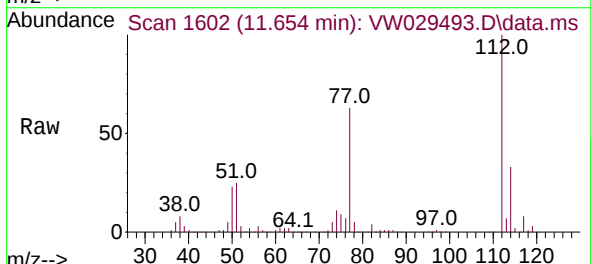
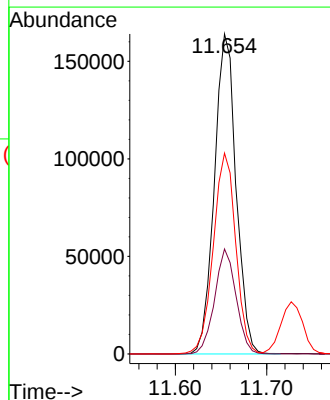
Tgt Ion:112 Resp: 270860

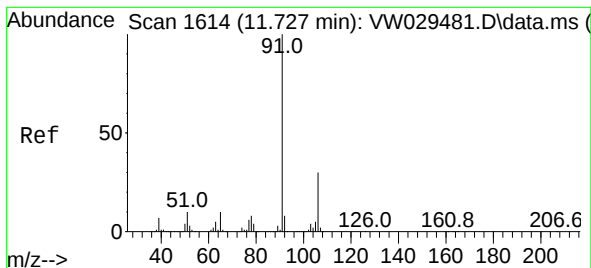
Ion Ratio Lower Upper

112 100

114 32.8 22.6 42.0

77 62.8 49.9 74.9

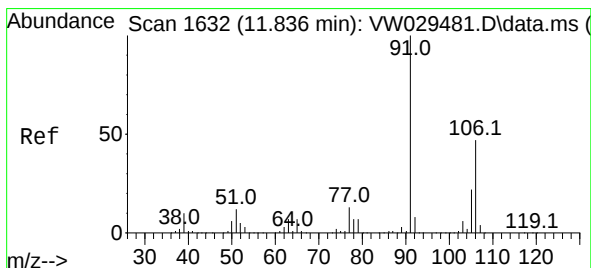
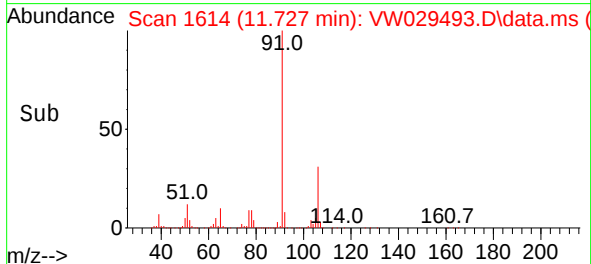
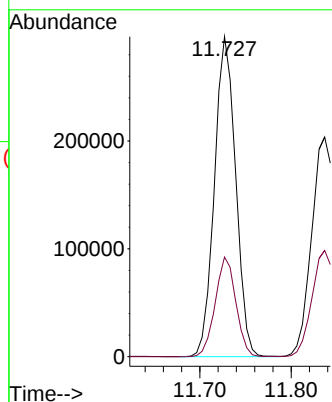
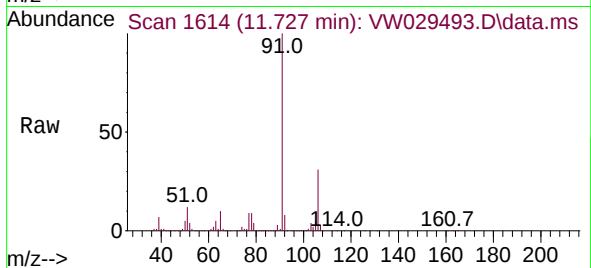




#52
Ethylbenzene
Concen: 25.912 ug/L
RT: 11.727 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

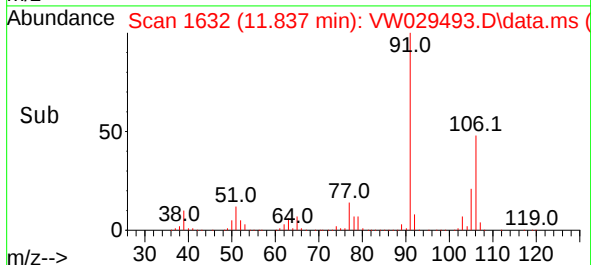
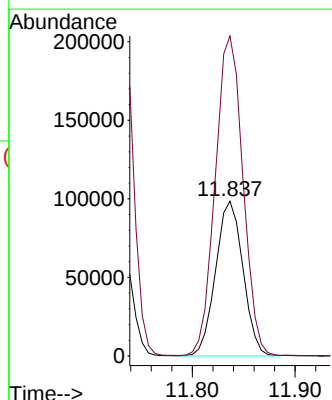
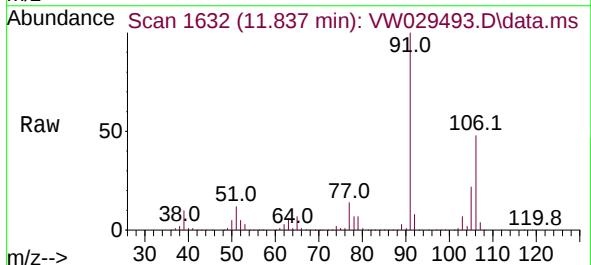
Instrument :
MSVOA_W
ClientSampleId :

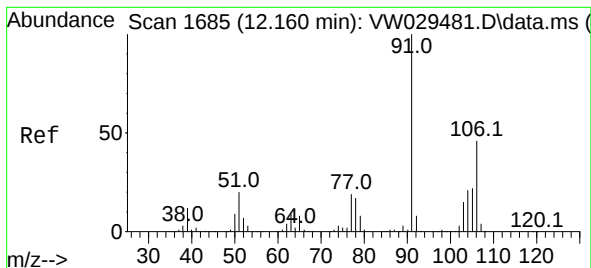
Tgt Ion: 91 Resp: 478886
Ion Ratio Lower Upper
91 100
106 31.2 20.2 37.6



#53
m,p-Xylene
Concen: 26.824 ug/L
RT: 11.837 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion:106 Resp: 181992
Ion Ratio Lower Upper
106 100
91 206.8 149.3 277.3

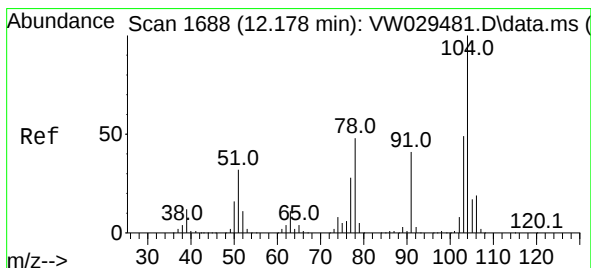
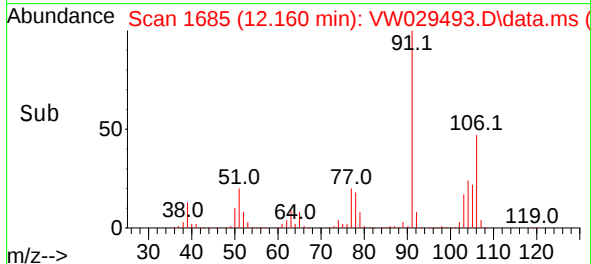
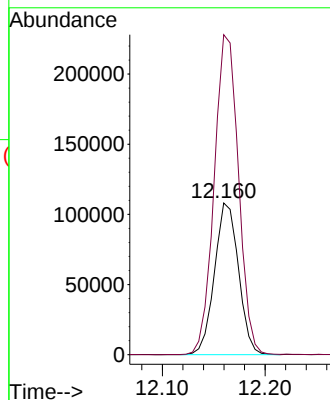
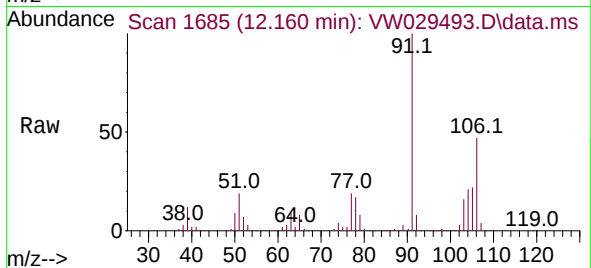




#54
o-Xylene
Concen: 27.913 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

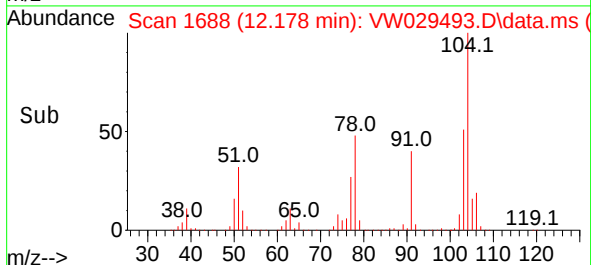
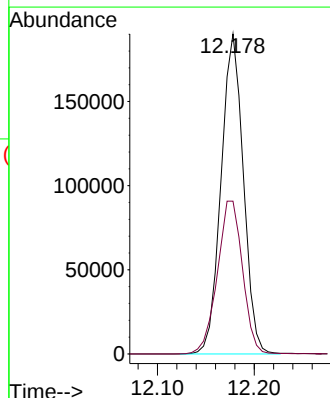
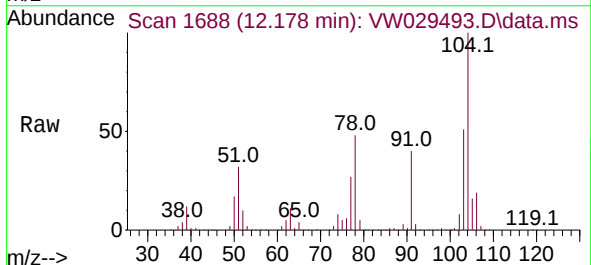
Instrument :
MSVOA_W
ClientSampleId :

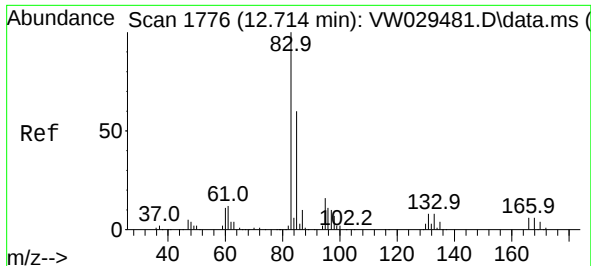
Tgt Ion:106 Resp: 175159
Ion Ratio Lower Upper
106 100
91 211.0 159.2 295.6



#55
Styrene
Concen: 27.547 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion:104 Resp: 303968
Ion Ratio Lower Upper
104 100
78 47.7 34.7 64.5





#57

1,1,2,2-Tetrachloroethane

Concen: 25.836 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

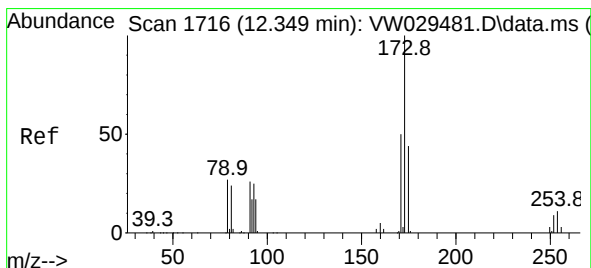
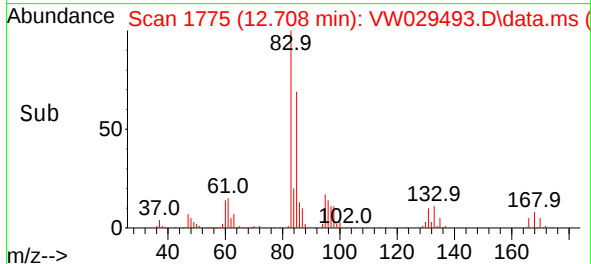
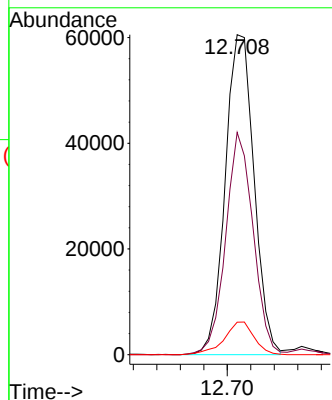
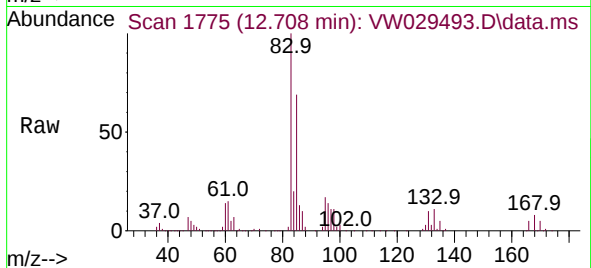
Tgt Ion: 83 Resp: 103348

Ion Ratio Lower Upper

83 100

85 69.5 45.4 84.4

131 10.1 6.4 9.6#



#59

Bromoform

Concen: 25.585 ug/L

RT: 12.349 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

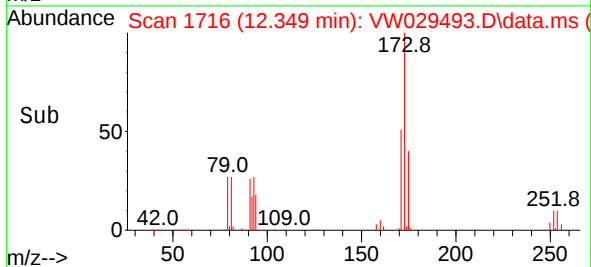
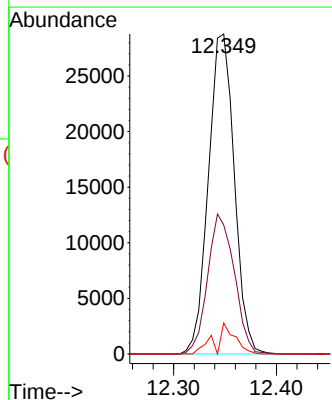
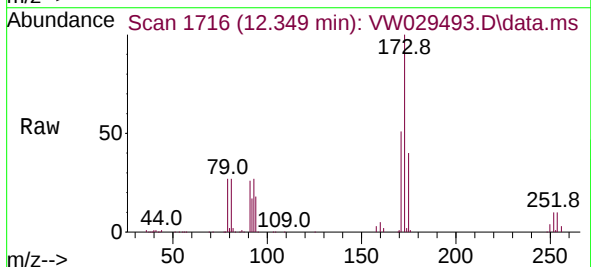
Tgt Ion:173 Resp: 50412

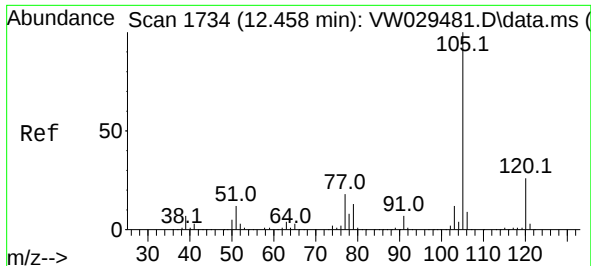
Ion Ratio Lower Upper

173 100

175 44.9 40.4 60.6

254 5.1 8.8 13.2#

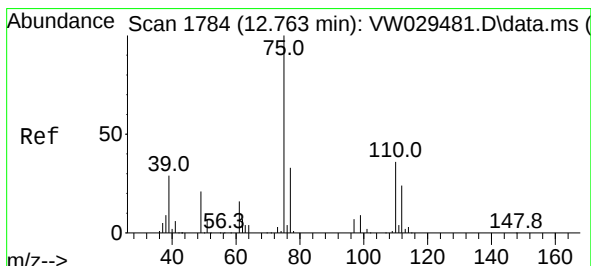
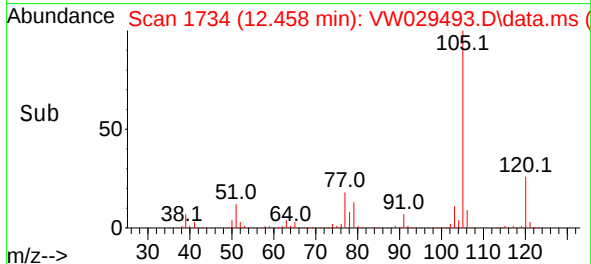
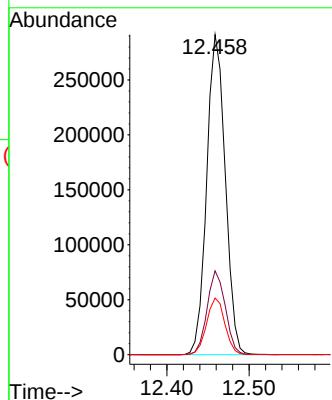
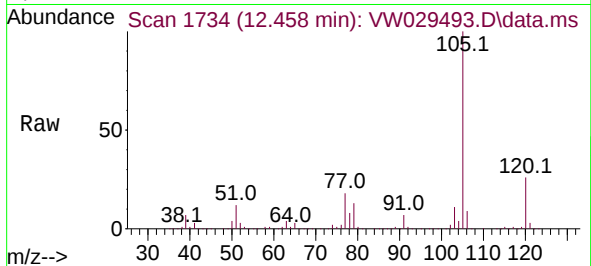




#60
Isopropylbenzene
Concen: 25.436 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

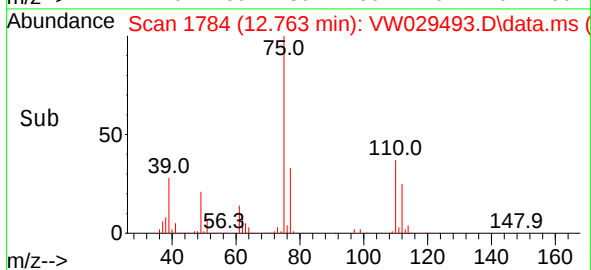
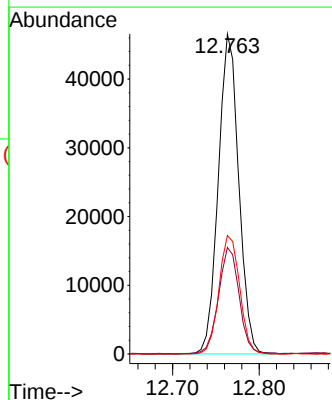
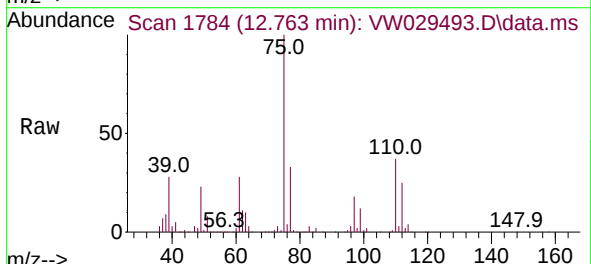
Instrument :
MSVOA_W
ClientSampleId :

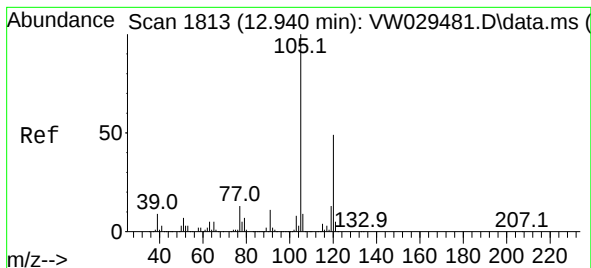
Tgt Ion:105 Resp: 456822
Ion Ratio Lower Upper
105 100
120 25.7 20.2 30.4
77 17.5 13.6 20.4



#61
1,2,3-Trichloropropane
Concen: 24.722 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW029493.D
Acq: 09 Jul 2024 18:59

Tgt Ion: 75 Resp: 76370
Ion Ratio Lower Upper
75 100
77 33.8 25.5 38.3
110 37.5 29.1 43.7





#62

1,3,5-Trimethylbenzene

Concen: 28.182 ug/L

RT: 12.940 min Scan# 1813

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

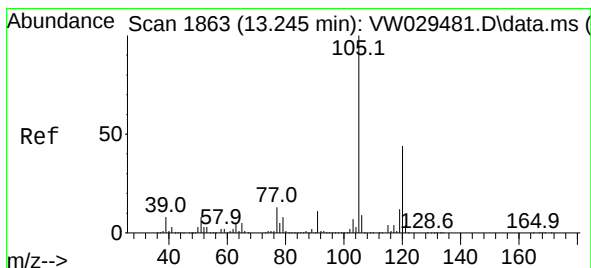
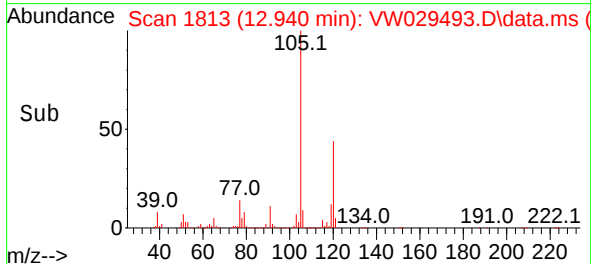
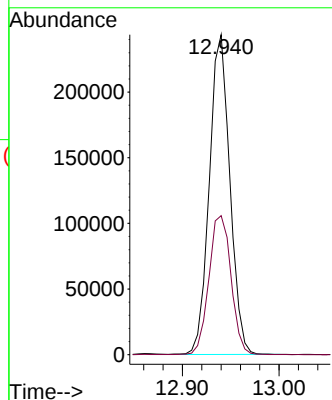
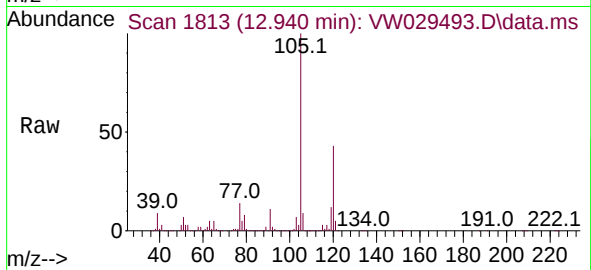
ClientSampleId :

Tgt Ion:105 Resp: 360027

Ion Ratio Lower Upper

105 100

120 46.8 38.4 57.6



#63

1,2,4-Trimethylbenzene

Concen: 27.515 ug/L

RT: 13.245 min Scan# 1863

Delta R.T. 0.000 min

Lab File: VW029493.D

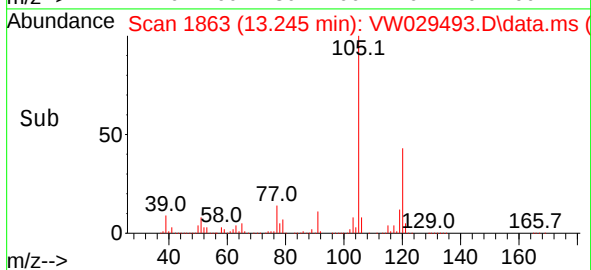
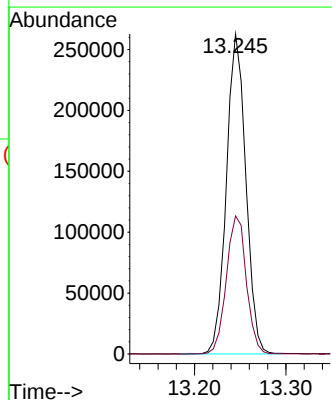
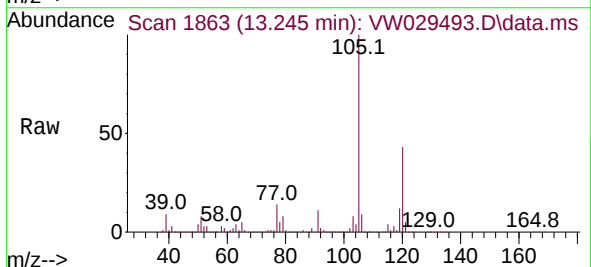
Acq: 09 Jul 2024 18:59

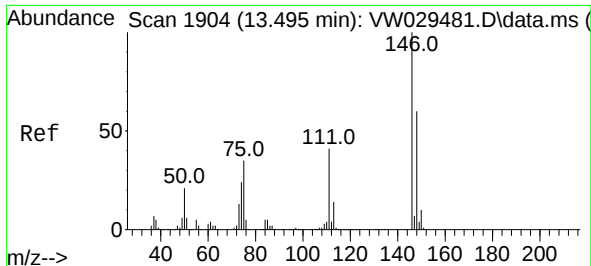
Tgt Ion:105 Resp: 387952

Ion Ratio Lower Upper

105 100

120 44.4 34.7 52.1





#64

1,3-Dichlorobenzene

Concen: 24.968 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

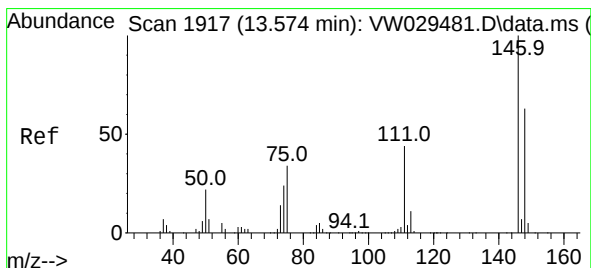
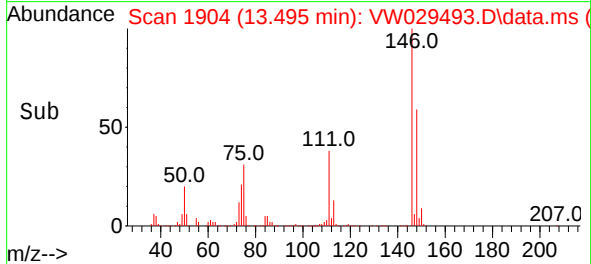
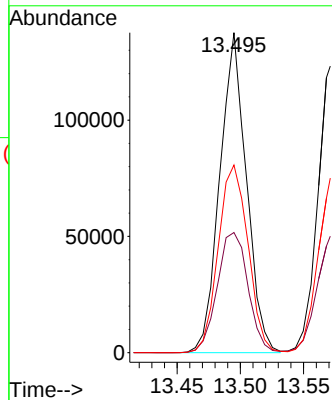
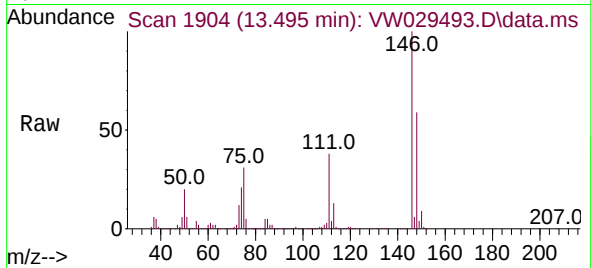
Tgt Ion:146 Resp: 201002

Ion Ratio Lower Upper

146 100

111 37.5 28.6 53.2

148 58.6 43.0 80.0



#65

1,4-Dichlorobenzene

Concen: 25.442 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

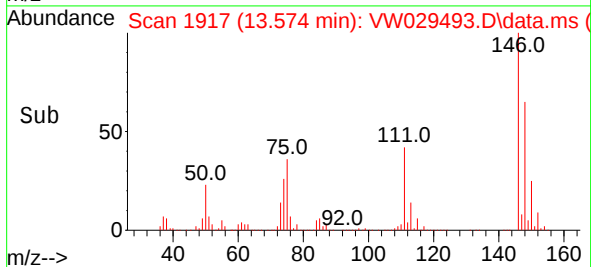
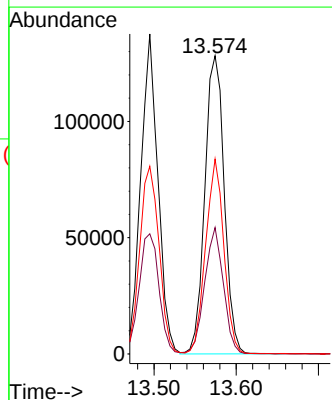
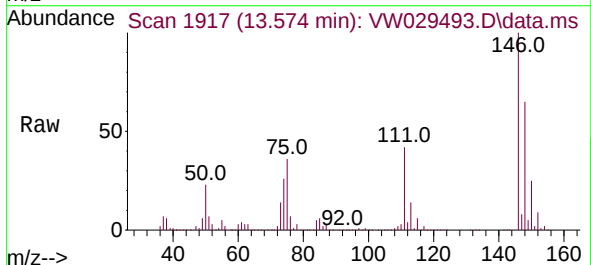
Tgt Ion:146 Resp: 209826

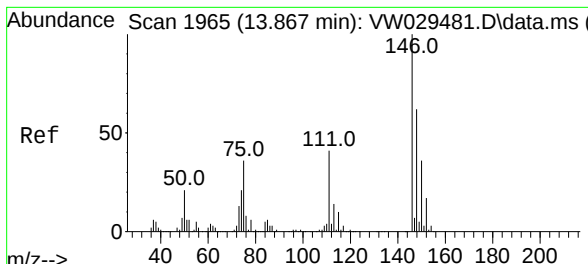
Ion Ratio Lower Upper

146 100

111 42.4 27.6 51.4

148 65.3 40.9 75.9

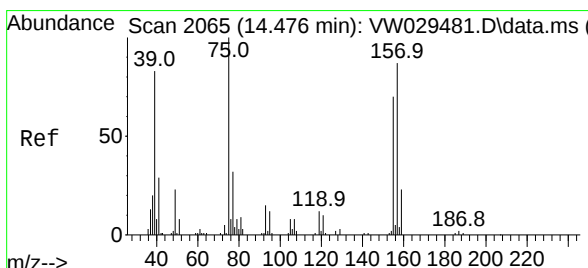
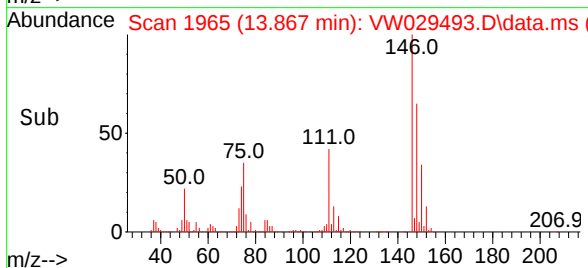
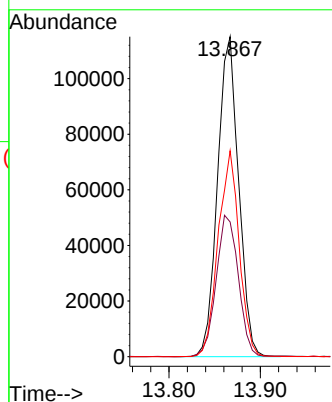
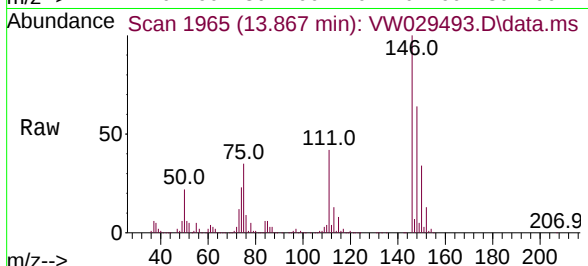




#67
 1,2-Dichlorobenzene
 Concen: 25.403 ug/L
 RT: 13.867 min Scan# 1965
 Delta R.T. 0.000 min
 Lab File: VW029493.D
 Acq: 09 Jul 2024 18:59

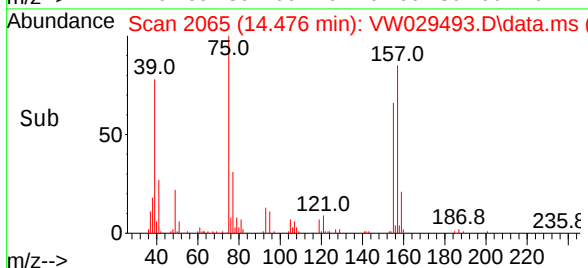
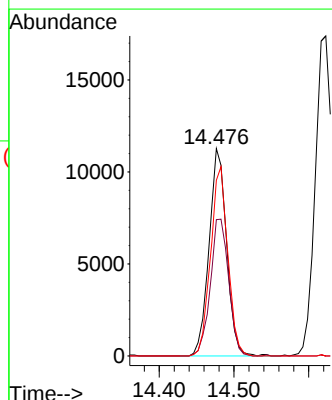
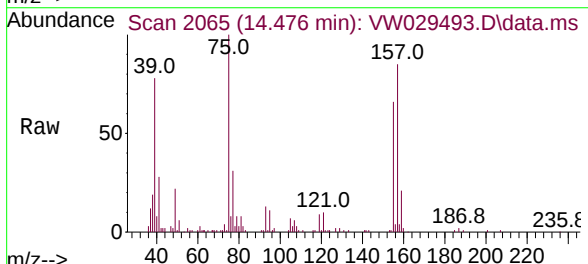
Instrument :
 MSVOA_W
 ClientSampleId :

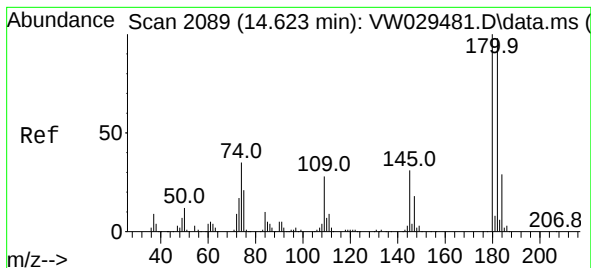
Tgt Ion:	146	Resp:	184855
Ion	Ratio	Lower	Upper
146	100		
111	42.1	37.1	55.7
148	64.4	50.7	76.1



#68
 1,2-Dibromo-3-chloropropane
 Concen: 24.821 ug/L
 RT: 14.476 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VW029493.D
 Acq: 09 Jul 2024 18:59

Tgt Ion:	75	Resp:	18331
Ion	Ratio	Lower	Upper
75	100		
155	65.8	51.2	76.8
157	84.7	63.7	95.5





#69

1,3,5-Trichlorobenzene

Concen: 25.447 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

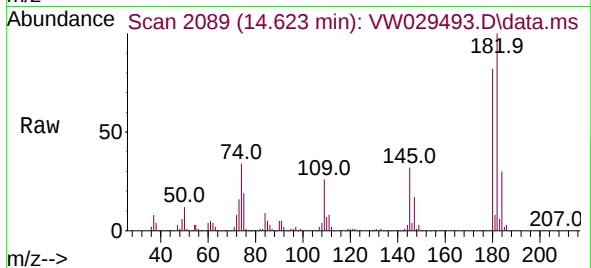
Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 133639

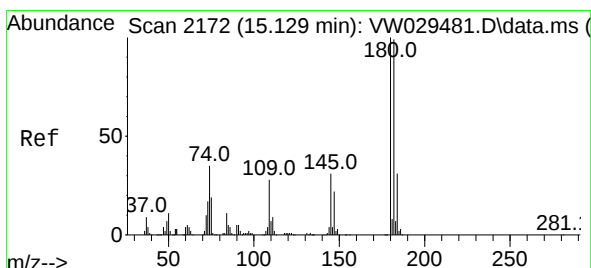
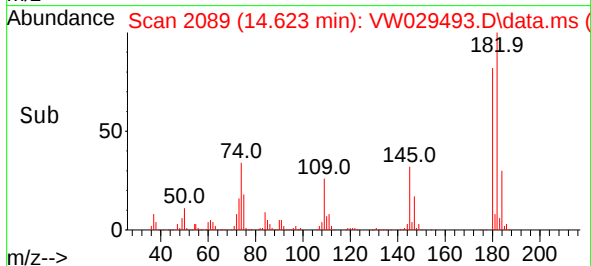
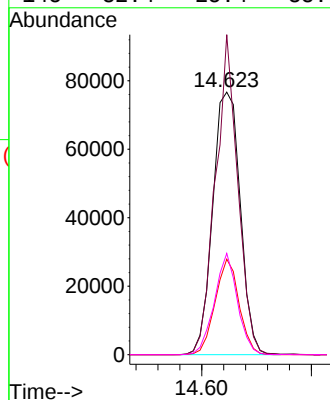
Ion Ratio Lower Upper

180 100

182 99.3 77.9 116.9

184 31.7 24.4 36.6

145 32.4 25.4 38.0



#70

1,2,4-trichlorobenzene

Concen: 27.065 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

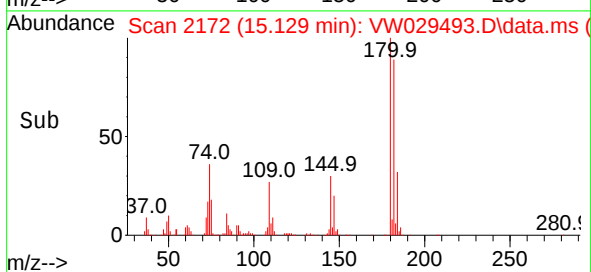
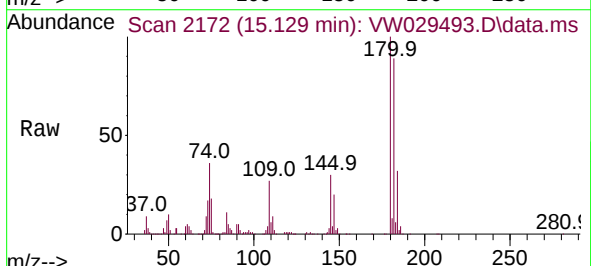
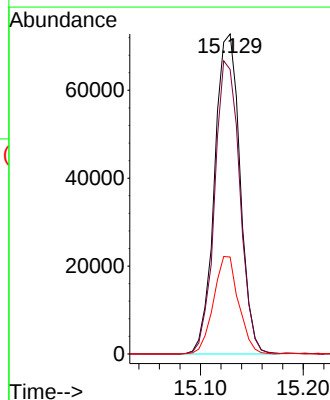
Tgt Ion:180 Resp: 125068

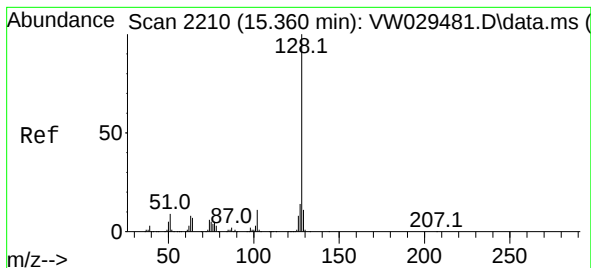
Ion Ratio Lower Upper

180 100

182 90.5 74.7 112.1

145 30.0 26.2 39.2





#71

Naphthalene

Concen: 27.263 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Instrument :

MSVOA_W

ClientSampleId :

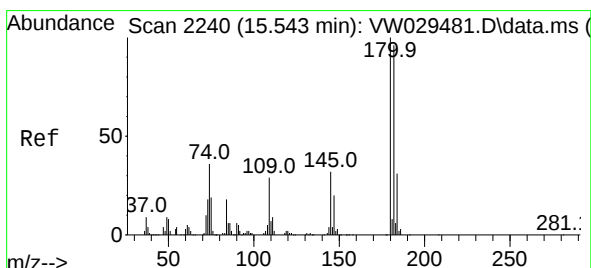
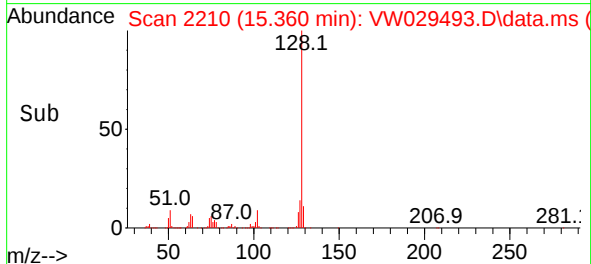
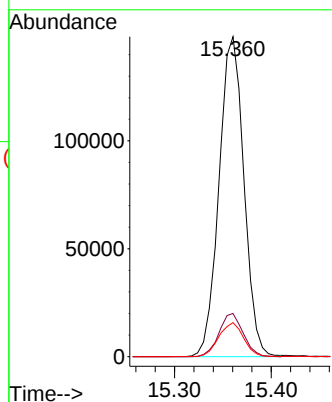
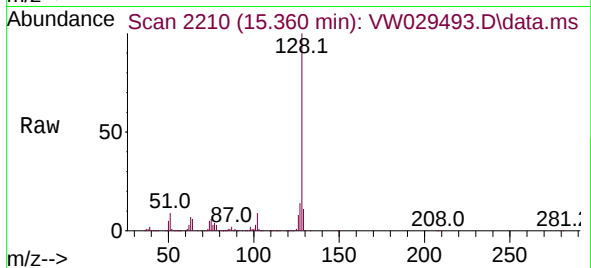
Tgt Ion:128 Resp: 264423

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.108 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW029493.D

Acq: 09 Jul 2024 18:59

Tgt Ion:180 Resp: 109613

Ion Ratio Lower Upper

180 100

182 93.8 73.4 110.0

145 33.9 26.9 40.3

