

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW092624\
 Data File : VW030277.D
 Acq On : 26 Sep 2024 22:31
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.14g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 27 04:44:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM092624SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Sep 27 04:39:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	240461	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	222659	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	112709	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61423	18.931	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.720%
7) Chloroethane-d5	2.905	69	43337	18.121	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.480%
11) 1,1-Dichloroethene-d2	4.027	65	38331	23.850	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	95.400%
21) 2-Butanone-d5	7.081	46	42469	54.664	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.320%
24) Chloroform-d	7.648	84	167376	23.508	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.040%
26) 1,2-Dichloroethane-d4	8.307	65	86466	23.809	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.240%
32) Benzene-d6	8.276	84	343708	24.437	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.760%
36) 1,2-Dichloropropane-d6	9.276	67	103637	23.799	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.200%
41) Toluene-d8	10.325	98	311170	24.894	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.560%
43) trans-1,3-Dichloroprop...	10.574	79	40965	24.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.280%
47) 2-Hexanone-d5	10.922	63	37350	61.275	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.540%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78825	26.501	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.000%
66) 1,2-Dichlorobenzene-d4	13.854	152	99666	25.410	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	61269	23.686	ug/L	93
3) Chloromethane	2.222	50	61287	16.592	ug/L	99
5) Vinyl chloride	2.381	62	62947	16.914	ug/L	97
6) Bromomethane	2.795	94	39469	17.482	ug/L	96
8) Chloroethane	2.936	64	35160	16.143	ug/L	95
9) Trichlorofluoromethane	3.271	101	67758	20.605	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	68422	21.056	ug/L #	76
12) 1,1-Dichloroethene	4.045	96	71857	23.456	ug/L	93
13) Acetone	4.131	43	35491	32.046	ug/L	95
14) Carbon disulfide	4.393	76	236609	21.513	ug/L	100
15) Methyl Acetate	4.679	43	34067	22.333	ug/L	97
16) Methylene chloride	4.923	84	79734	21.648	ug/L	88
17) trans-1,2-Dichloroethene	5.429	96	80170	23.077	ug/L	93
18) Methyl tert-butyl Ether	5.429	73	123809	26.011	ug/L	97
19) 1,1-Dichloroethane	6.222	63	151487	21.628	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	86146	23.156	ug/L	98
22) 2-Butanone	7.179	43	50774	40.304	ug/L	96
23) Bromochloromethane	7.520	128	37034	24.400	ug/L	86
25) Chloroform	7.679	83	147842	21.692	ug/L	96

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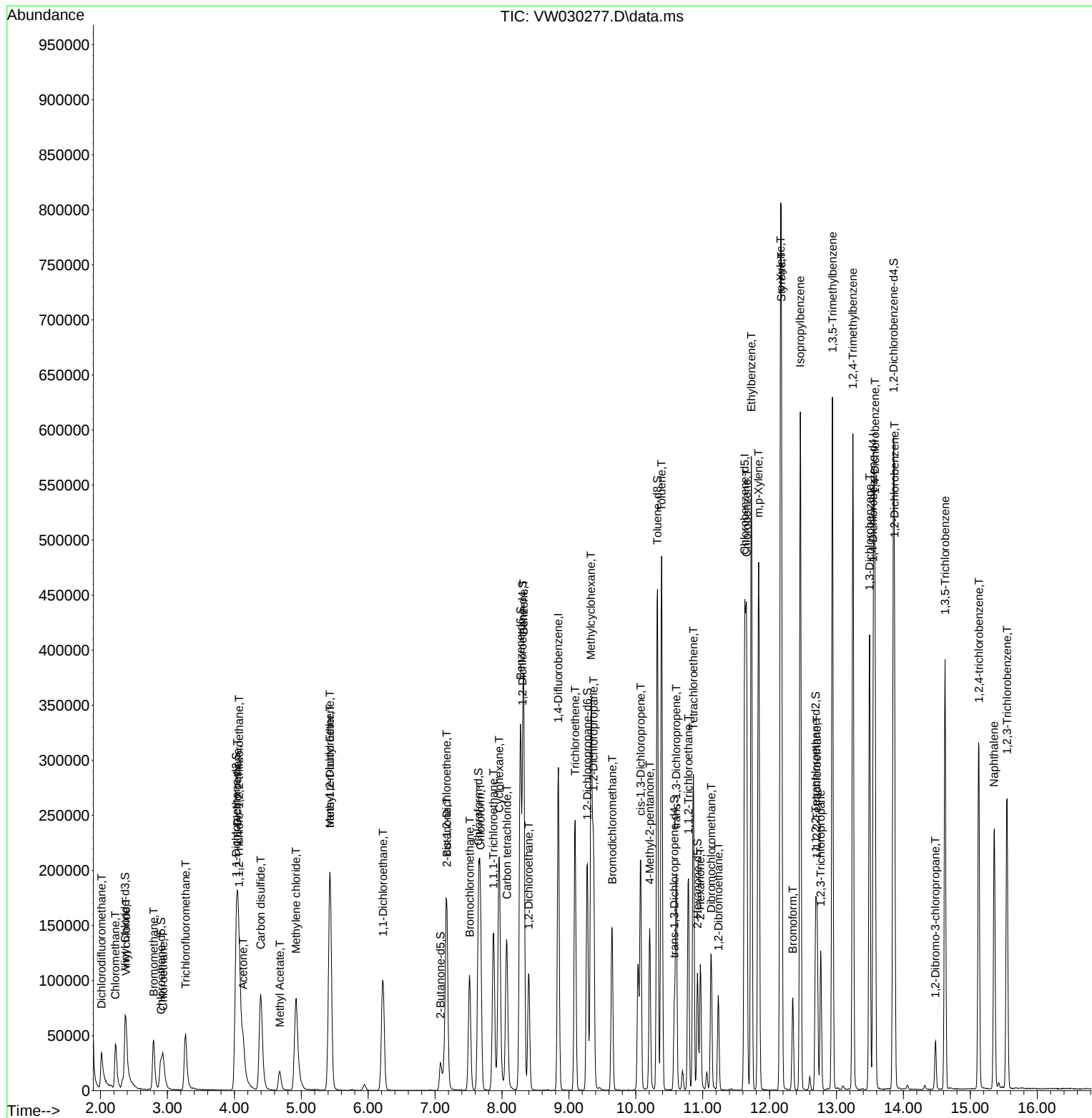
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	97713	22.140	ug/L	100
29) Cyclohexane	7.959	56	134206	23.688	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	118290	21.462	ug/L	96
31) Carbon tetrachloride	8.075	117	107695	21.567	ug/L	95
33) Benzene	8.325	78	334900	21.949	ug/L	100
34) Trichloroethene	9.093	95	87300	22.057	ug/L	95
35) Methylcyclohexane	9.331	83	147389	23.681	ug/L	98
37) 1,2-Dichloropropane	9.367	63	87581	21.656	ug/L	99
38) Bromodichloromethane	9.648	83	103034	21.875	ug/L #	95
39) cis-1,3-Dichloropropene	10.075	75	131742	22.941	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	97808	49.027	ug/L	95
42) Toluene	10.386	91	356178	22.620	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	109164	23.395	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	62420	24.227	ug/L	96
46) Tetrachloroethene	10.861	164	67986	24.563	ug/L	85
48) 2-Hexanone	10.965	43	71480	42.606	ug/L	96
49) Dibromochloromethane	11.129	129	67122	24.274	ug/L	100
50) 1,2-Dibromoethane	11.233	107	58682	24.240	ug/L #	98
51) Chlorobenzene	11.654	112	222532	22.984	ug/L	99
52) Ethylbenzene	11.727	91	406367	22.834	ug/L	96
53) m,p-Xylene	11.836	106	153015	23.727	ug/L	89
54) o-Xylene	12.166	106	144479	23.851	ug/L	95
55) Styrene	12.178	104	248594	24.378	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.708	83	73287	24.035	ug/L	98
59) Bromoform	12.349	173	38788	24.718	ug/L	99
60) Isopropylbenzene	12.458	105	401476	23.318	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	53266	24.044	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	328338	24.502	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	321478	24.463	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	167203	22.830	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	170490	22.751	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	149145	23.377	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.476	75	11993	24.586	ug/L #	81
69) 1,3,5-Trichlorobenzene	14.623	180	119293	24.940	ug/L	99
70) 1,2,4-trichlorobenzene	15.129	180	99844	25.777	ug/L	98
71) Naphthalene	15.354	128	204137	30.364	ug/L	98
72) 1,2,3-Trichlorobenzene	15.549	180	89819	26.591	ug/L	98

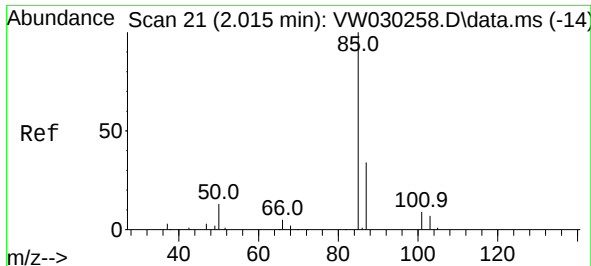
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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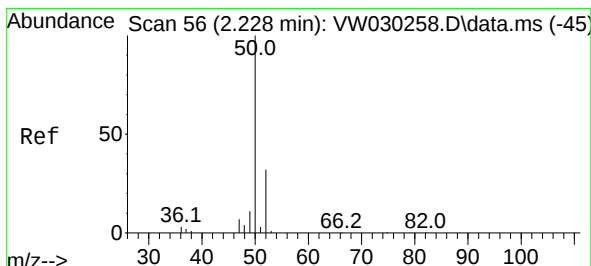
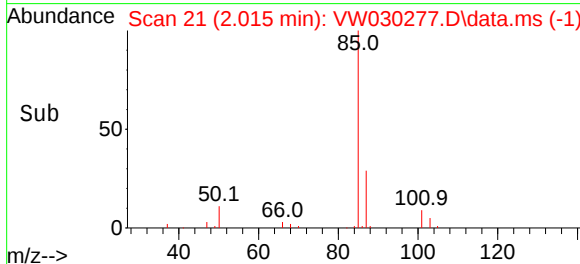
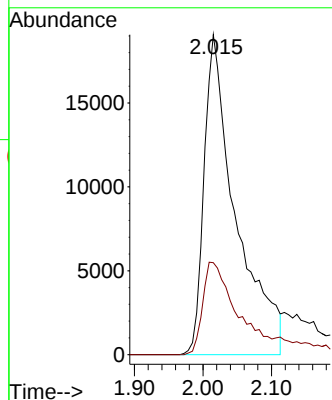
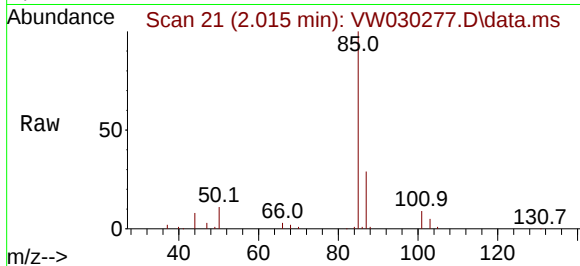




#2
 Dichlorodifluoromethane
 Concen: 23.686 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

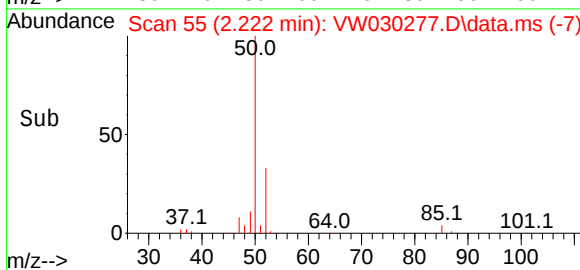
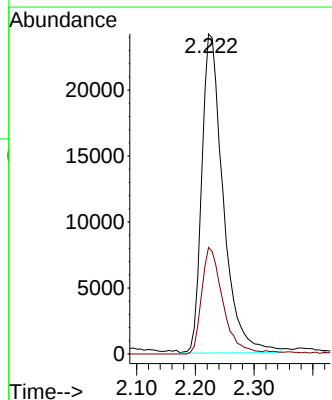
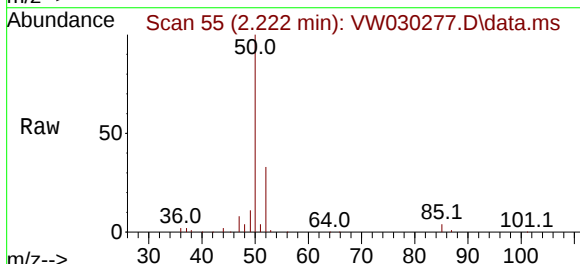
Instrument :
 MSVOA_W
 ClientSampleId :

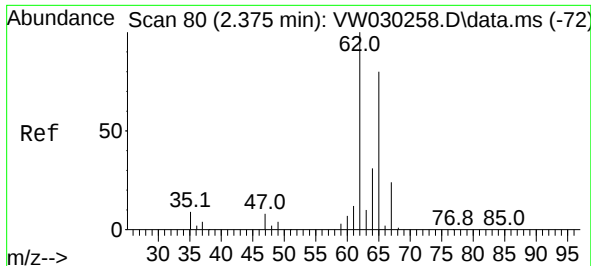
Tgt Ion: 85 Resp: 61269
 Ion Ratio Lower Upper
 85 100
 87 31.2 22.2 33.4



#3
 Chloromethane
 Concen: 16.592 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.006 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

Tgt Ion: 50 Resp: 61287
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.0 42.6

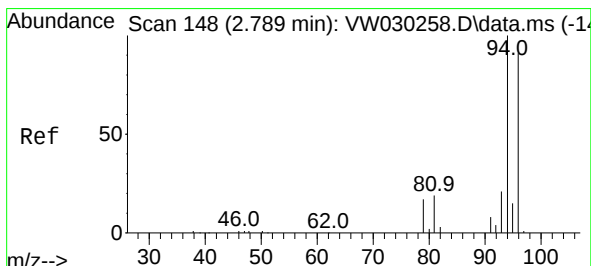
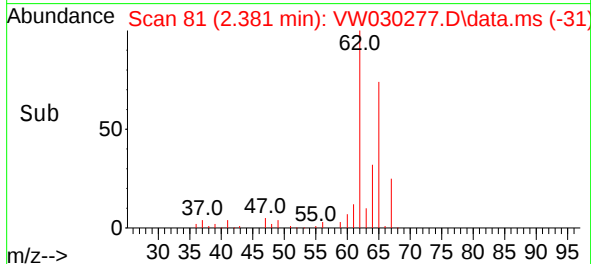
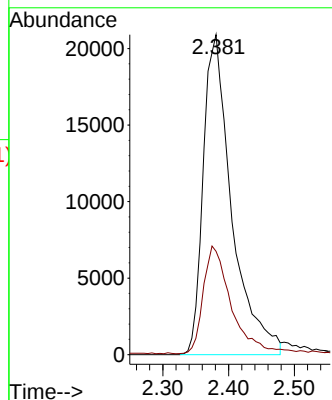
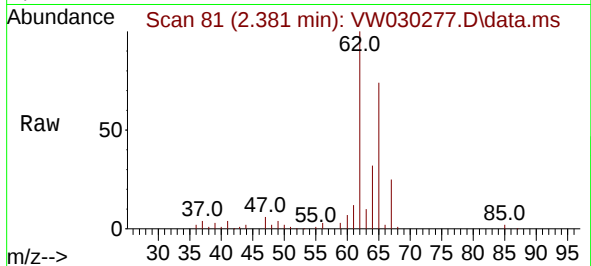




#5
 Vinyl chloride
 Concen: 16.914 ug/L
 RT: 2.381 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

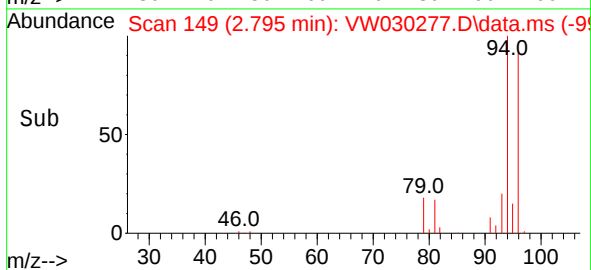
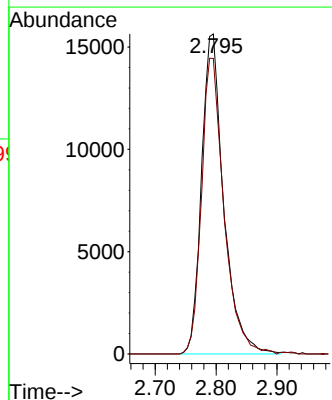
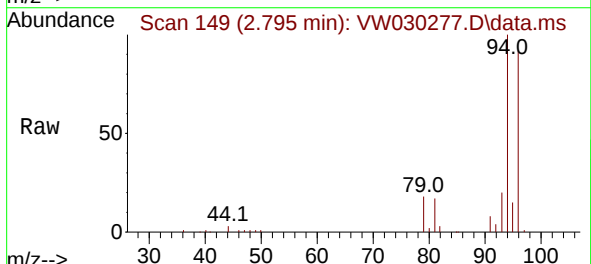
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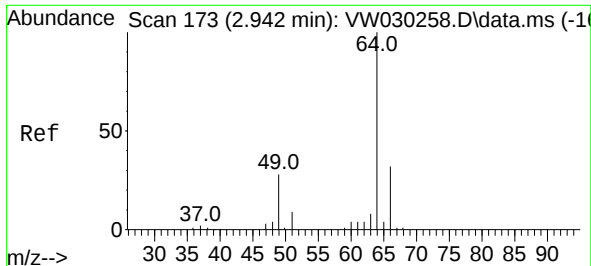
Tgt Ion: 62 Resp: 62947
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.7 44.1



#6
 Bromomethane
 Concen: 17.482 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

Tgt Ion: 94 Resp: 39469
 Ion Ratio Lower Upper
 94 100
 96 92.3 62.0 115.2

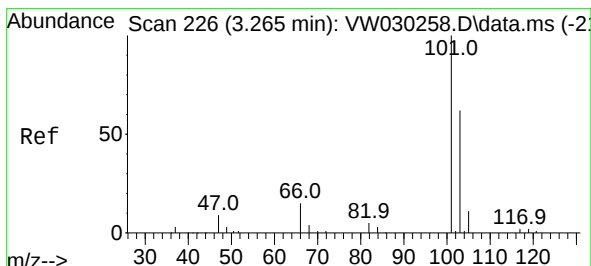
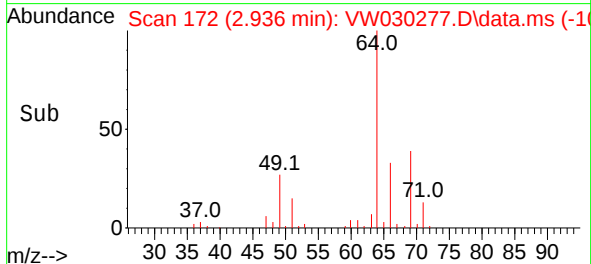
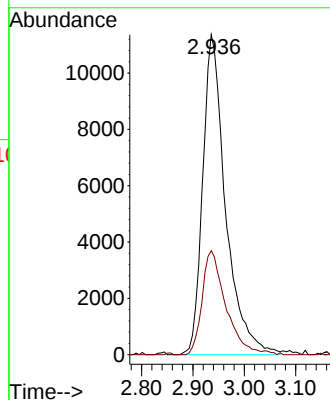
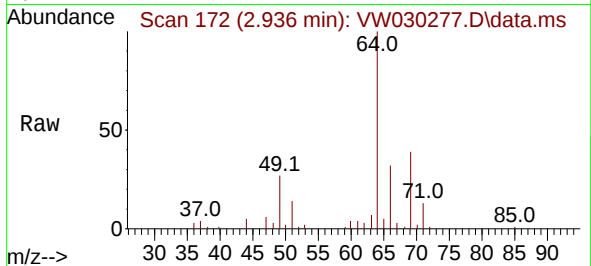




#8
Chloroethane
Concen: 16.143 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

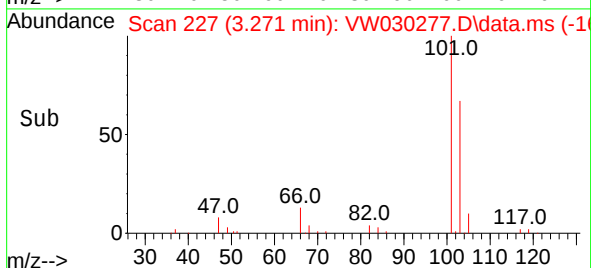
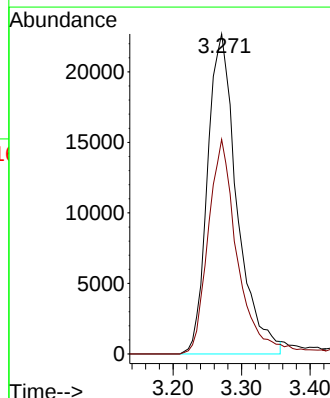
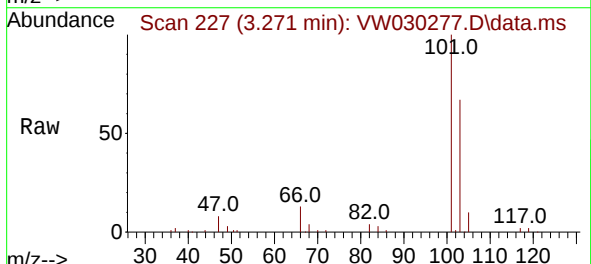
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MSVOA_W
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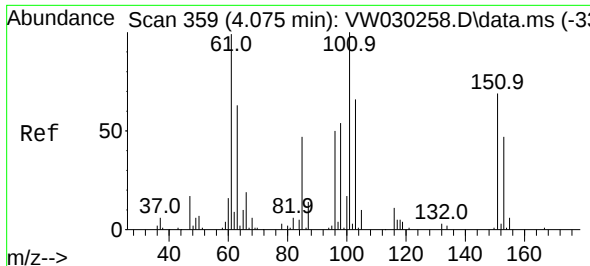
Tgt Ion: 64 Resp: 35160
Ion Ratio Lower Upper
64 100
66 32.5 25.0 46.4



#9
Trichlorofluoromethane
Concen: 20.605 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

Tgt Ion:101 Resp: 67758
Ion Ratio Lower Upper
101 100
103 66.1 51.5 77.3





#10

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

Concen: 21.056 ug/L

RT: 4.070 min Scan# 359

Delta R.T. -0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

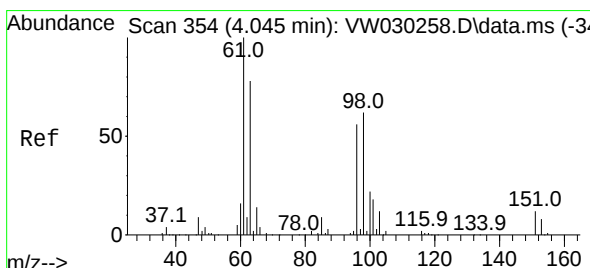
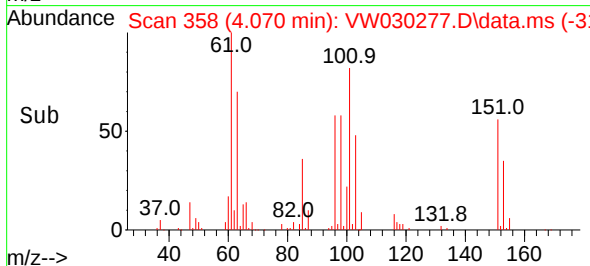
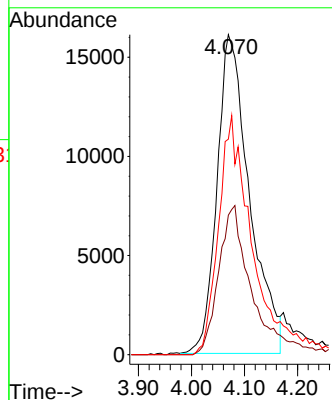
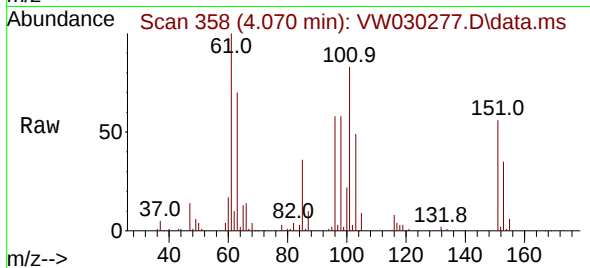
Tgt Ion:101 Resp: 68422

Ion Ratio Lower Upper

101 100

85 45.6 38.6 57.8

151 71.6 33.8 50.8#



#12

1,1-Dichloroethene

Concen: 23.456 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

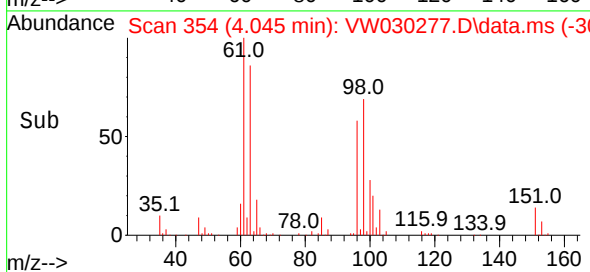
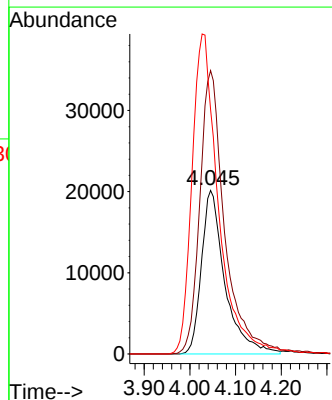
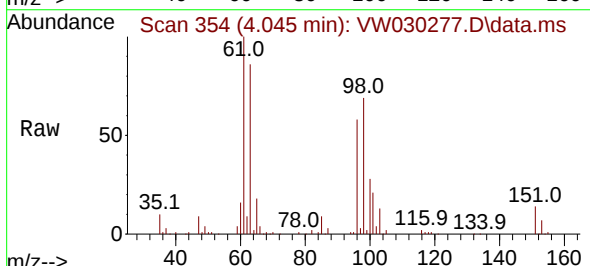
Tgt Ion: 96 Resp: 71857

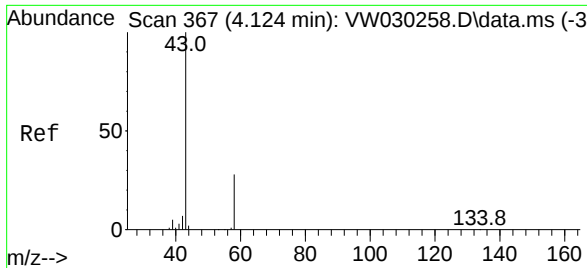
Ion Ratio Lower Upper

96 100

61 173.2 129.4 240.2

63 149.4 100.0 185.8

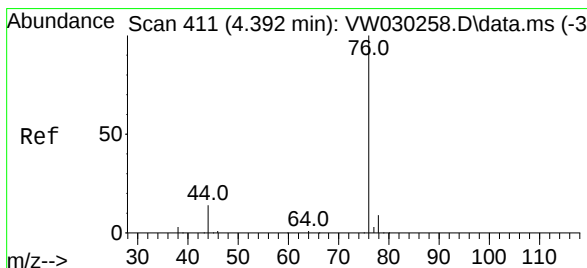
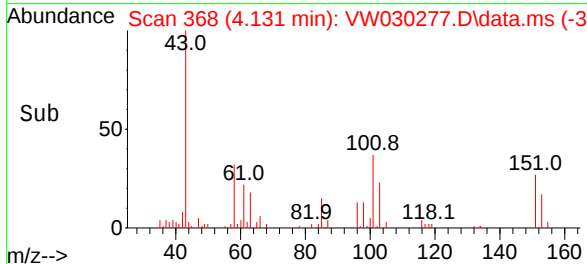
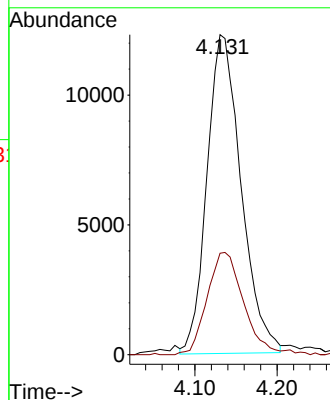
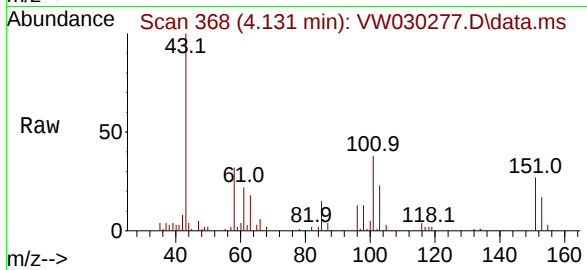




#13
Acetone
Concen: 32.046 ug/L
RT: 4.131 min Scan# 368
Delta R.T. 0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

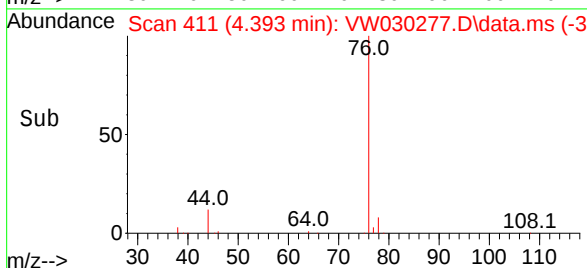
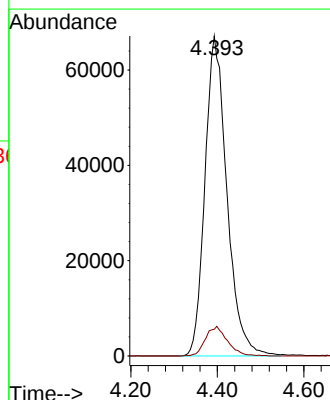
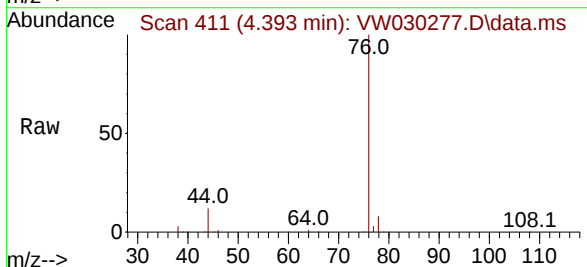
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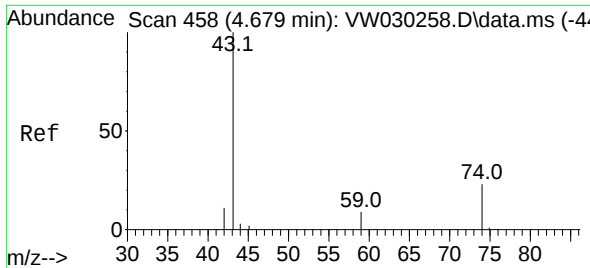
Tgt Ion: 43 Resp: 35491
Ion Ratio Lower Upper
43 100
58 33.8 0.0 62.0



#14
Carbon disulfide
Concen: 21.513 ug/L
RT: 4.393 min Scan# 411
Delta R.T. 0.000 min
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Tgt Ion: 76 Resp: 236609
Ion Ratio Lower Upper
76 100
78 8.3 6.8 10.2

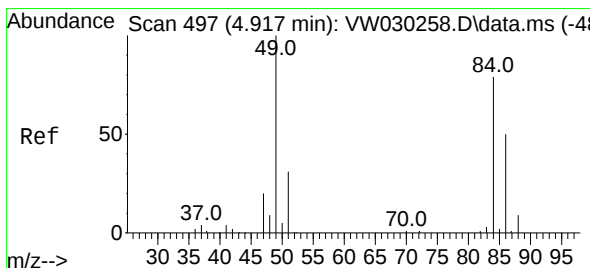
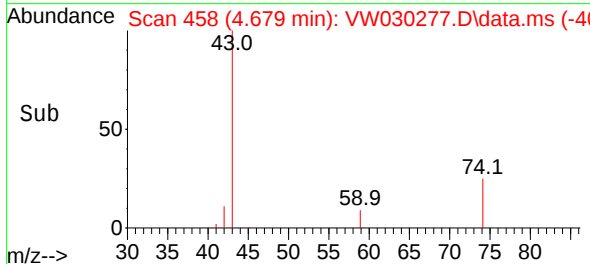
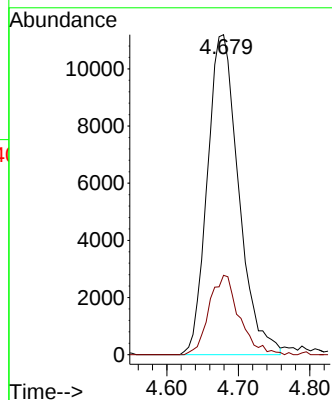
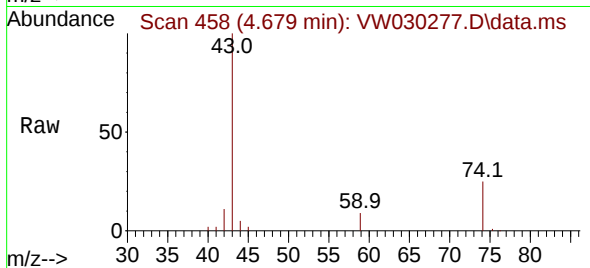




#15
Methyl Acetate
Concen: 22.333 ug/L
RT: 4.679 min Scan# 458
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

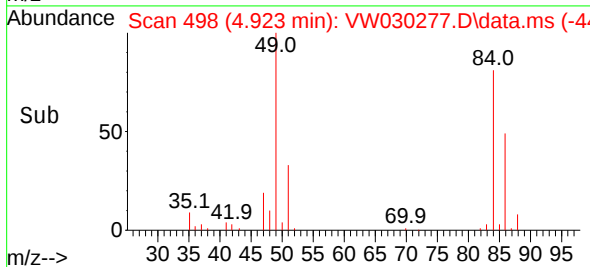
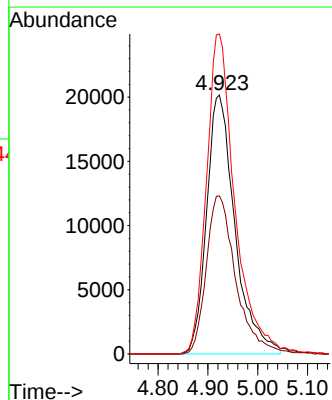
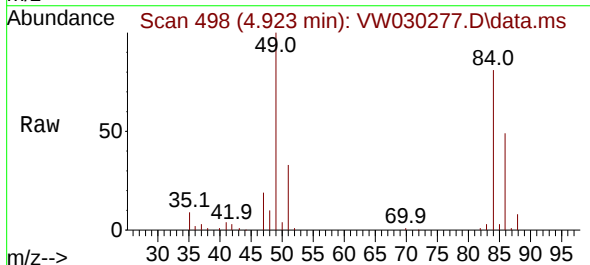
Instrument :
MSVOA_W
ClientSampleId :

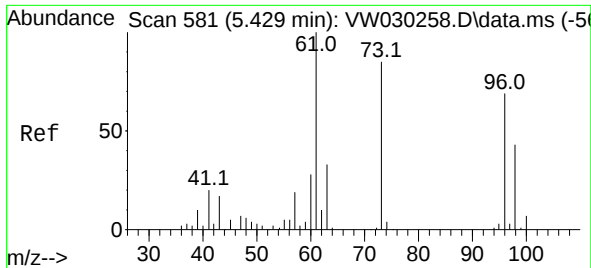
Tgt Ion: 43 Resp: 34067
Ion Ratio Lower Upper
43 100
74 23.1 17.3 25.9



#16
Methylene chloride
Concen: 21.648 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

Tgt Ion: 84 Resp: 79734
Ion Ratio Lower Upper
84 100
86 61.0 46.7 86.7
49 123.6 98.8 183.6

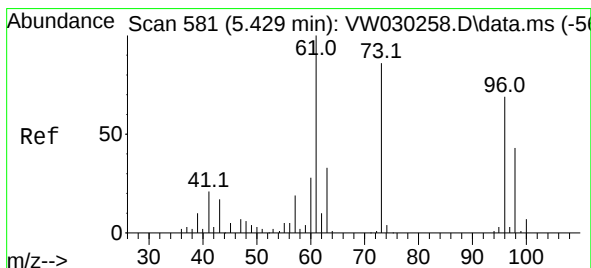
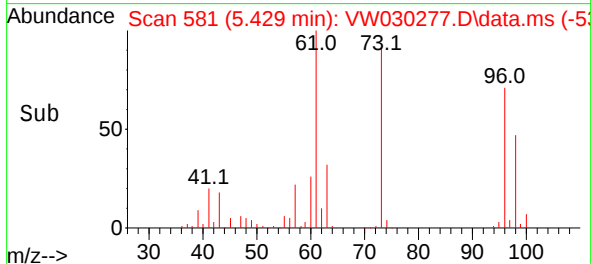
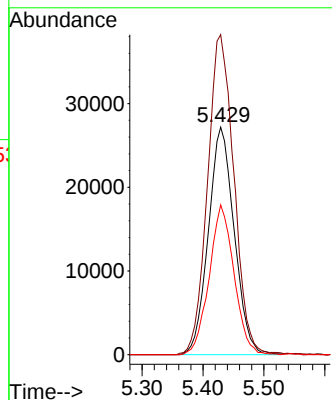
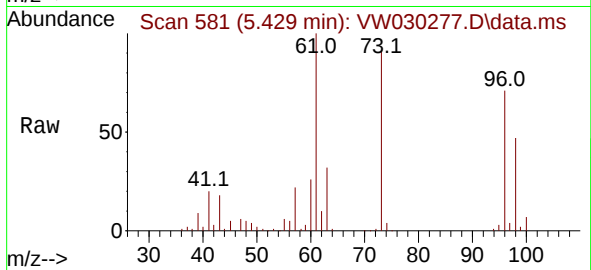




#17
trans-1,2-Dichloroethene
Concen: 23.077 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

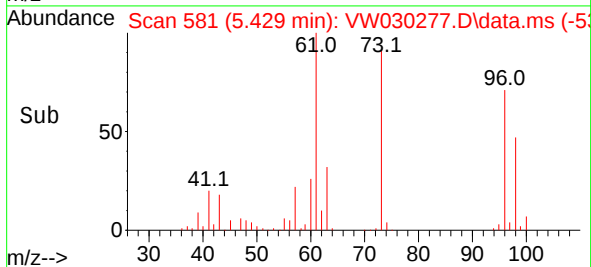
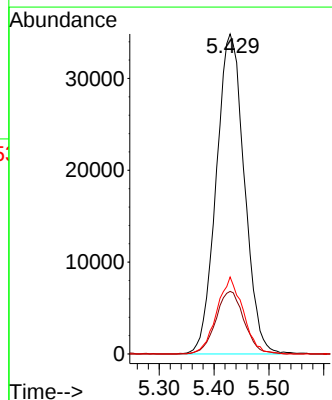
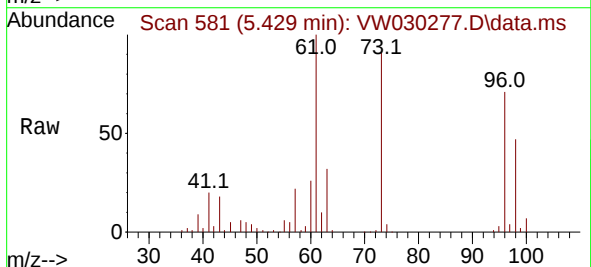
Instrument :
MSVOA_W
ClientSampleId :

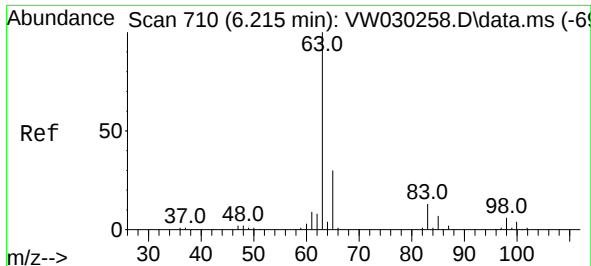
Tgt Ion: 96 Resp: 80170
Ion Ratio Lower Upper
96 100
61 140.6 104.3 193.7
98 65.8 42.6 79.0



#18
Methyl tert-butyl Ether
Concen: 26.011 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

Tgt Ion: 73 Resp: 123809
Ion Ratio Lower Upper
73 100
43 19.7 17.4 26.2
57 22.7 19.0 28.6





#19

1,1-Dichloroethane

Concen: 21.628 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

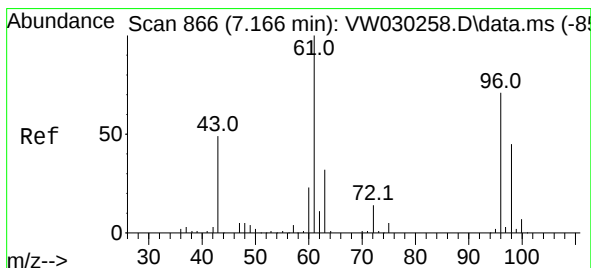
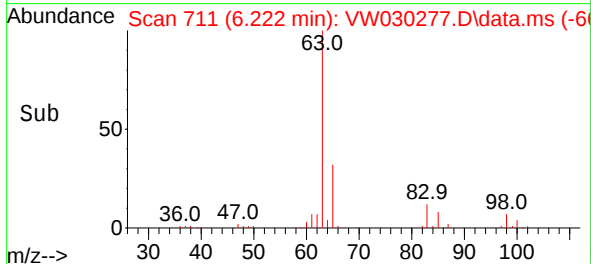
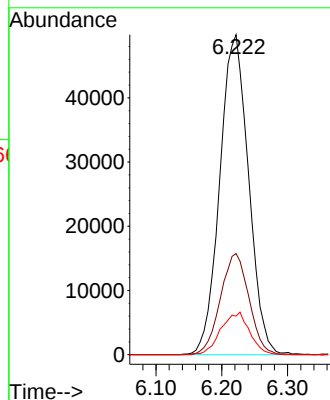
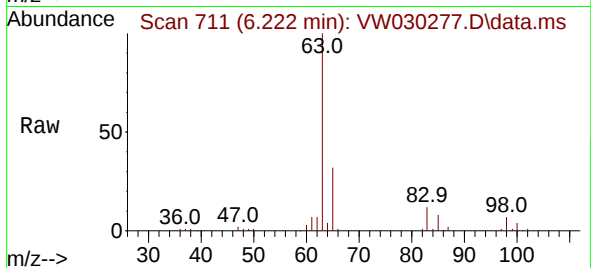
Tgt Ion: 63 Resp: 151487

Ion Ratio Lower Upper

63 100

65 31.6 22.0 41.0

83 12.1 9.0 16.6



#20

cis-1,2-Dichloroethene

Concen: 23.156 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

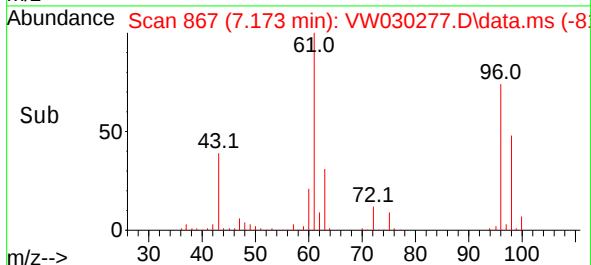
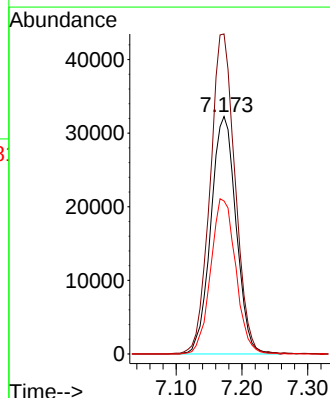
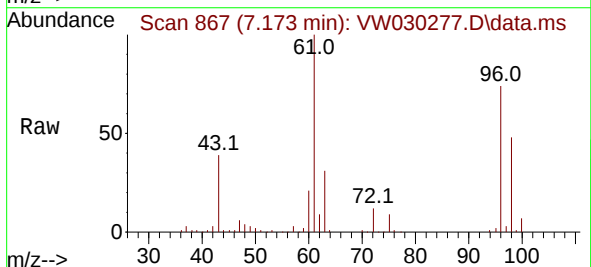
Tgt Ion: 96 Resp: 86146

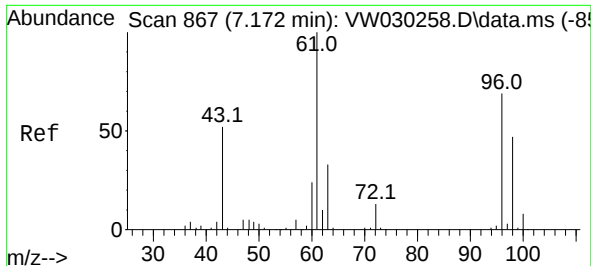
Ion Ratio Lower Upper

96 100

61 134.8 96.8 179.8

98 64.4 44.6 82.8





#22

2-Butanone

Concen: 40.304 ug/L

RT: 7.179 min Scan# 867

Delta R.T. 0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

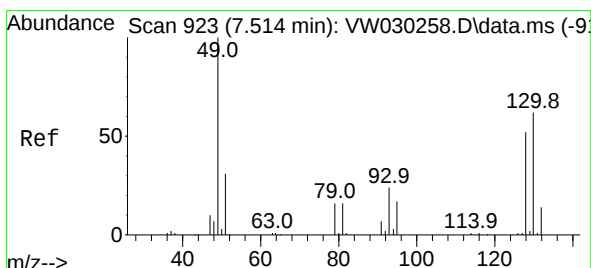
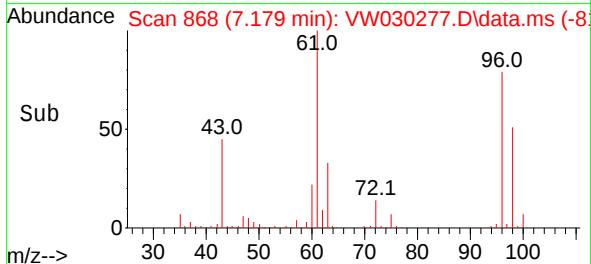
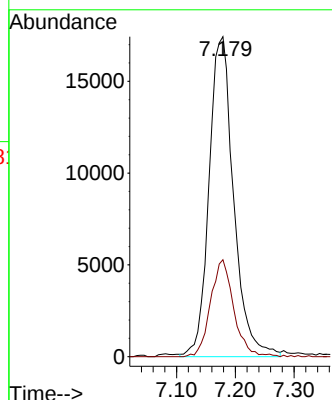
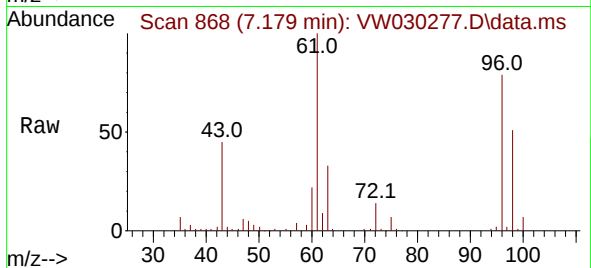
ClientSampleId :

Tgt Ion: 43 Resp: 50774

Ion Ratio Lower Upper

43 100

72 28.1 13.0 39.0



#23

Bromochloromethane

Concen: 24.400 ug/L

RT: 7.520 min Scan# 924

Delta R.T. 0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Tgt Ion: 128 Resp: 37034

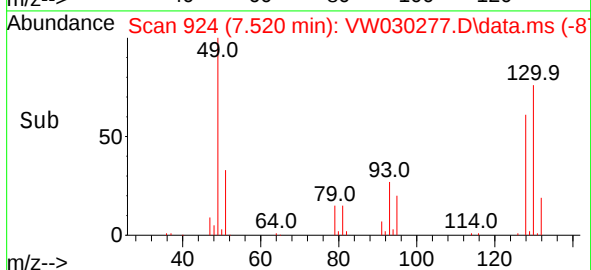
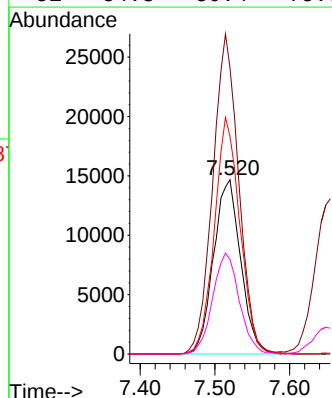
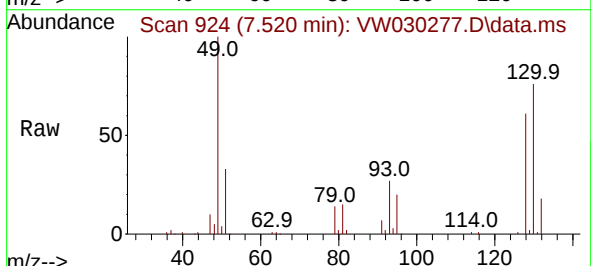
Ion Ratio Lower Upper

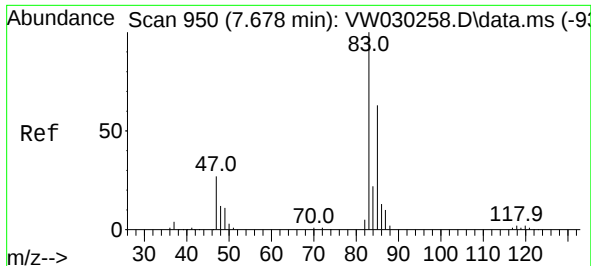
128 100

49 164.3 139.9 259.7

130 125.0 87.2 161.9

51 54.3 50.4 75.6





#25

Chloroform

Concen: 21.692 ug/L

RT: 7.679 min Scan# 950

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

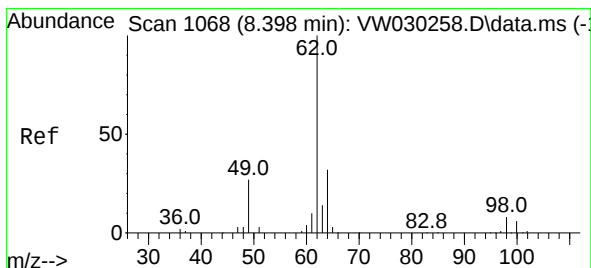
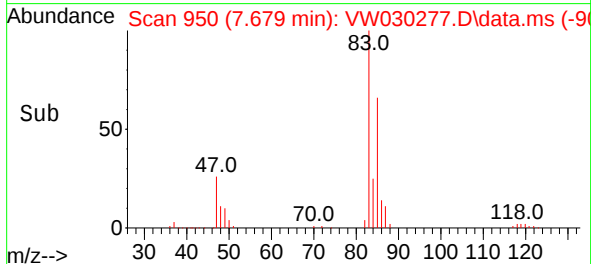
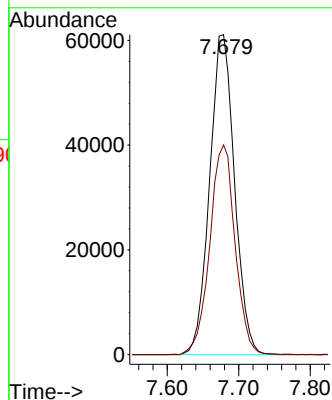
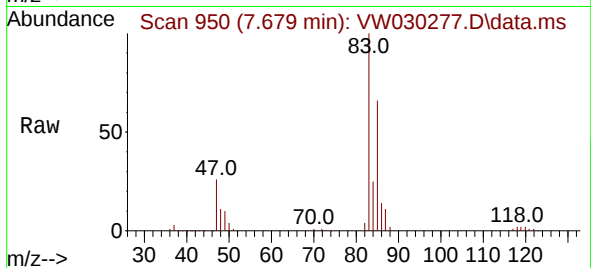
ClientSampleId :

Tgt Ion: 83 Resp: 147842

Ion Ratio Lower Upper

83 100

85 65.6 43.8 81.4



#27

1,2-Dichloroethane

Concen: 22.140 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW030277.D

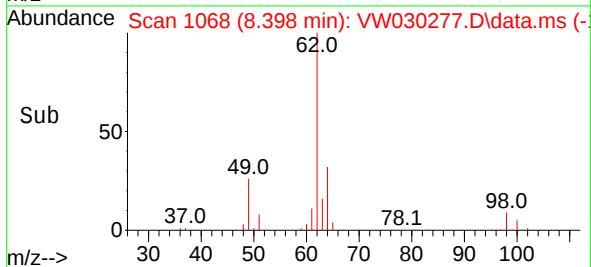
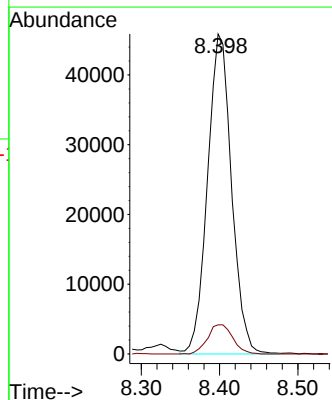
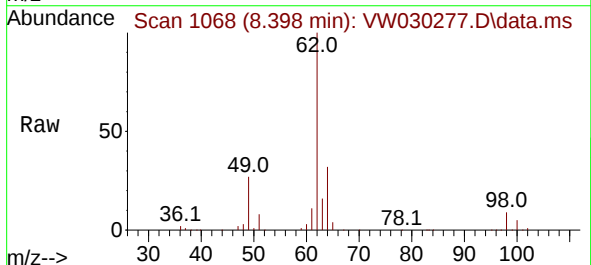
Acq: 26 Sep 2024 22:31

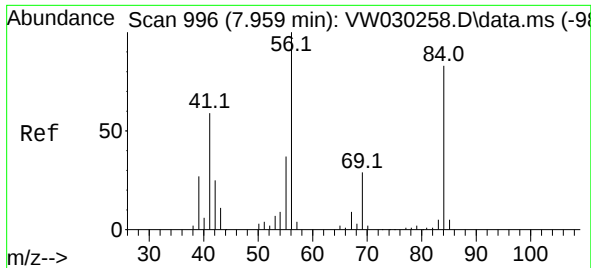
Tgt Ion: 62 Resp: 97713

Ion Ratio Lower Upper

62 100

98 9.1 7.4 11.0





#29

Cyclohexane

Concen: 23.688 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

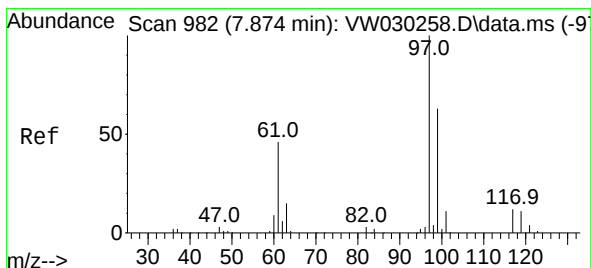
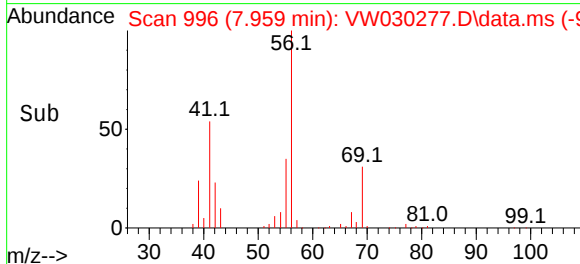
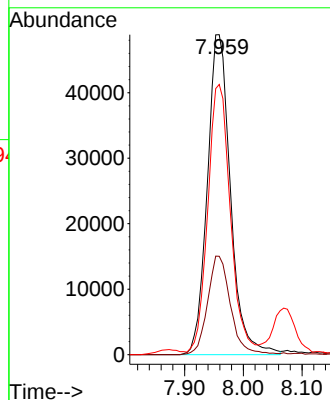
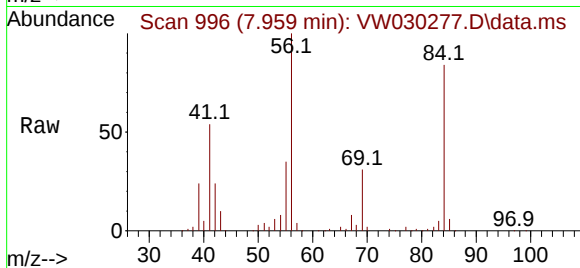
Tgt Ion: 56 Resp: 134206

Ion Ratio Lower Upper

56 100

69 30.4 23.4 35.0

84 82.7 65.2 97.8



#30

1,1,1-Trichloroethane

Concen: 21.462 ug/L

RT: 7.874 min Scan# 982

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

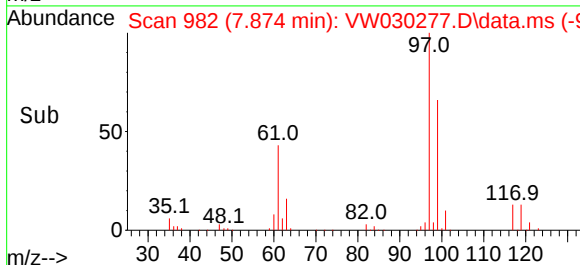
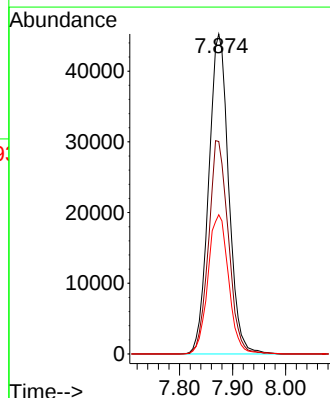
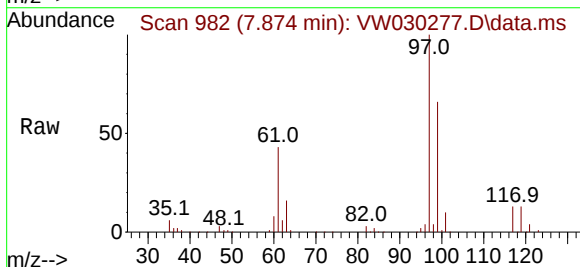
Tgt Ion: 97 Resp: 118290

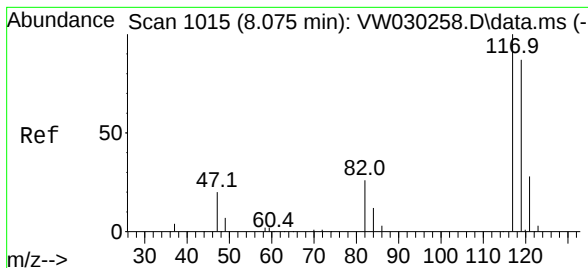
Ion Ratio Lower Upper

97 100

99 66.1 50.8 76.2

61 45.2 38.8 58.2





#31

Carbon tetrachloride

Concen: 21.567 ug/L

RT: 8.075 min Scan# 1015

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

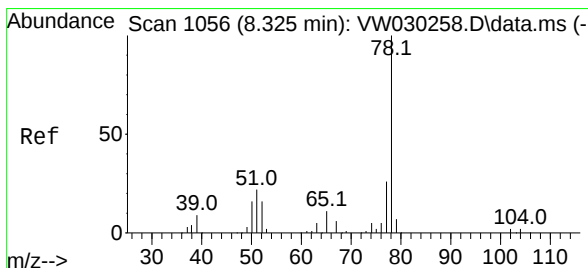
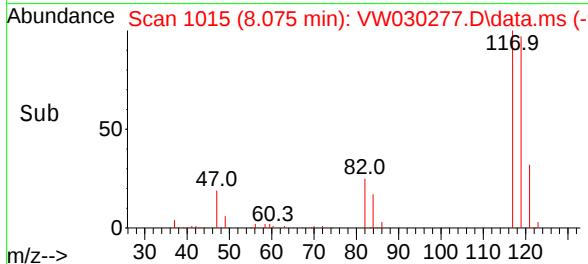
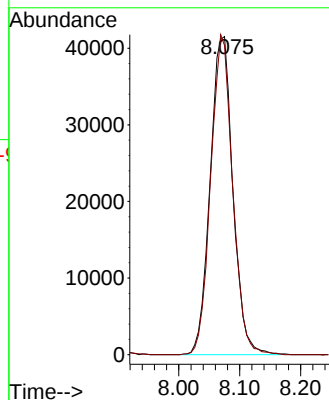
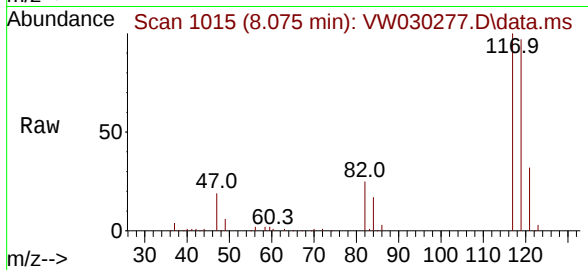
ClientSampleId :

Tgt Ion:117 Resp: 107695

Ion Ratio Lower Upper

117 100

119 96.6 73.8 110.6



#33

Benzene

Concen: 21.949 ug/L

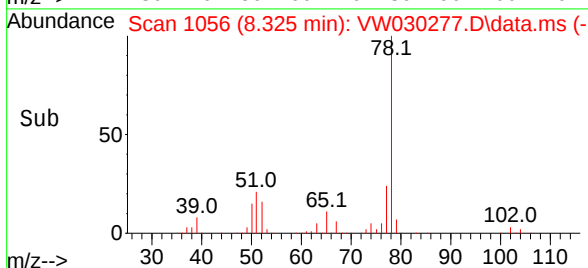
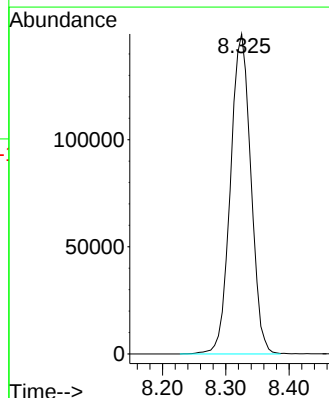
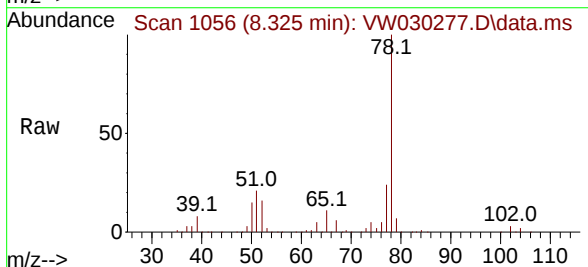
RT: 8.325 min Scan# 1056

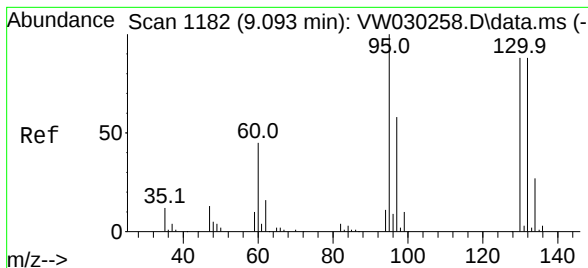
Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Tgt Ion: 78 Resp: 334900





#34

Trichloroethene

Concen: 22.057 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 87300

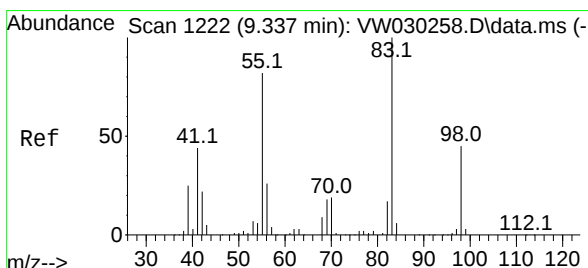
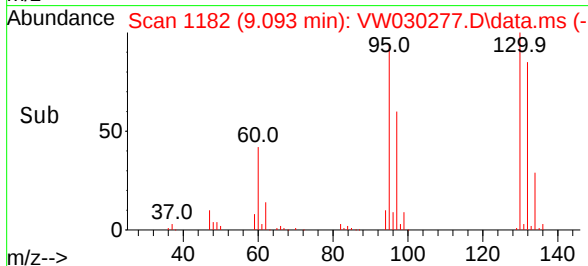
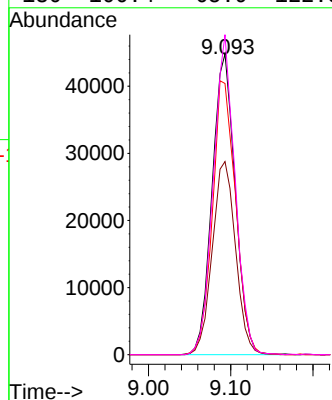
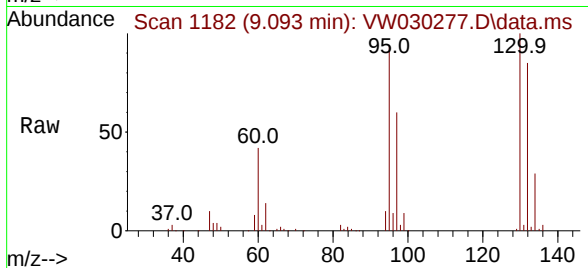
Ion Ratio Lower Upper

95 100

97 64.2 45.6 84.8

132 90.2 63.0 117.0

130 106.4 65.9 122.5



#35

Methylcyclohexane

Concen: 23.681 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

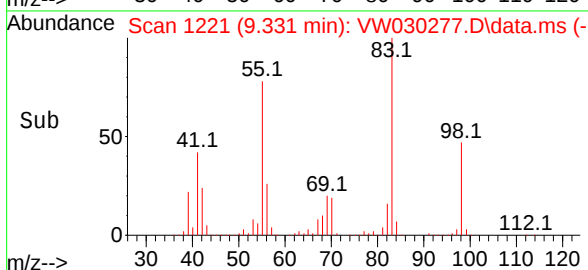
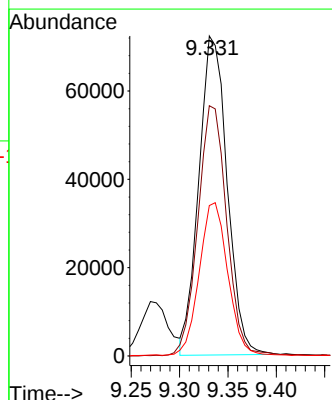
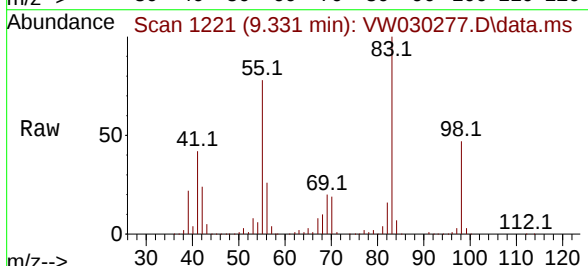
Tgt Ion: 83 Resp: 147389

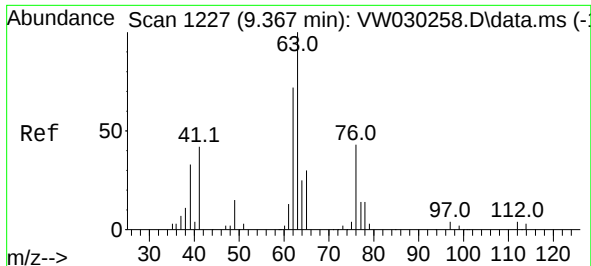
Ion Ratio Lower Upper

83 100

55 80.2 65.8 98.6

98 48.9 38.0 57.0





#37

1,2-Dichloropropane

Concen: 21.656 ug/L

RT: 9.367 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

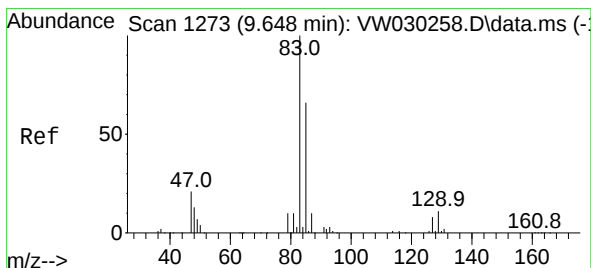
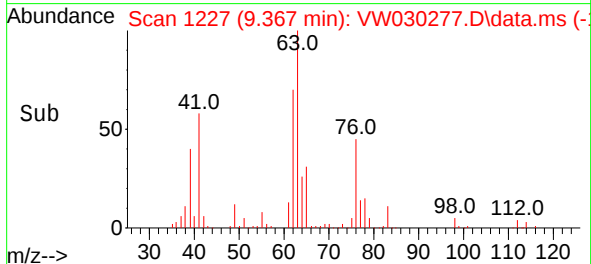
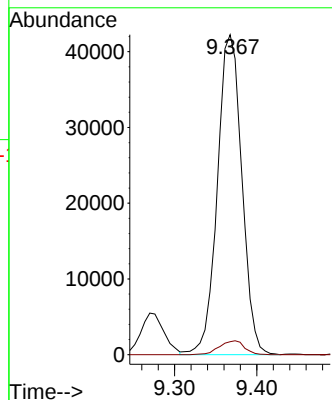
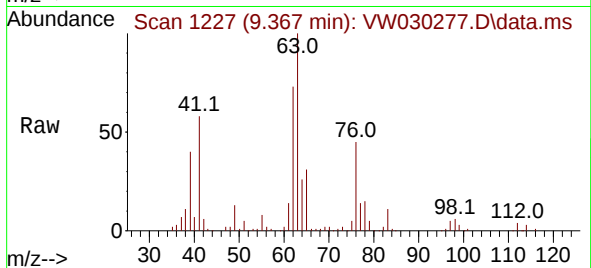
ClientSampleId :

Tgt Ion: 63 Resp: 87581

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 21.875 ug/L

RT: 9.648 min Scan# 1273

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

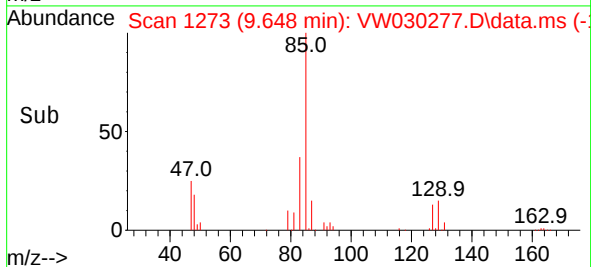
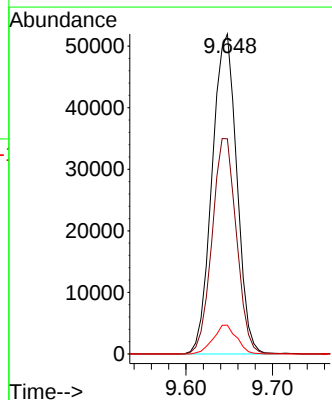
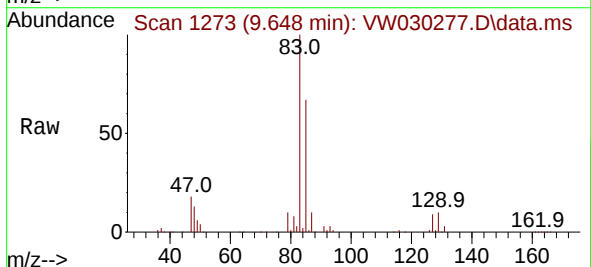
Tgt Ion: 83 Resp: 103034

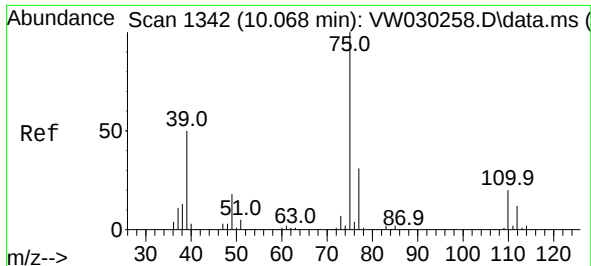
Ion Ratio Lower Upper

83 100

85 67.3 44.1 81.9

127 9.0 5.8 8.8#

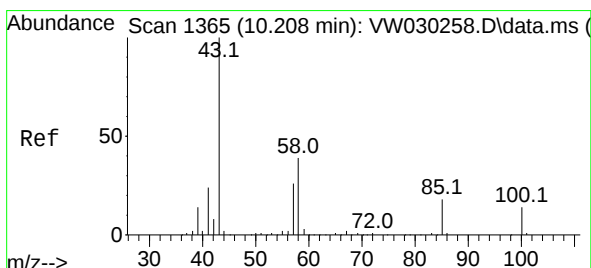
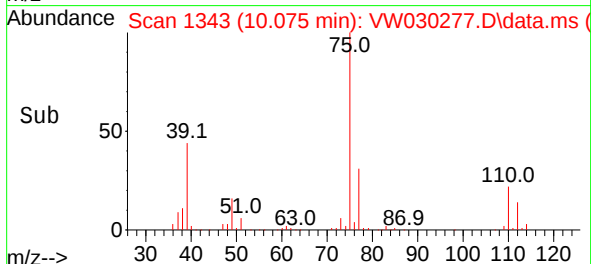
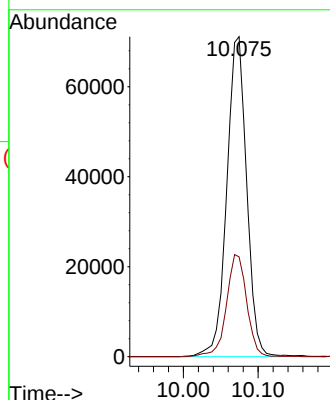
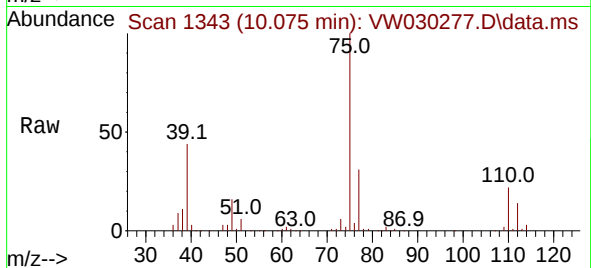




#39
 cis-1,3-Dichloropropene
 Concen: 22.941 ug/L
 RT: 10.075 min Scan# 1343
 Delta R.T. 0.006 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

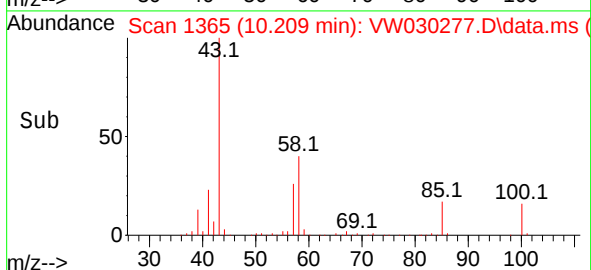
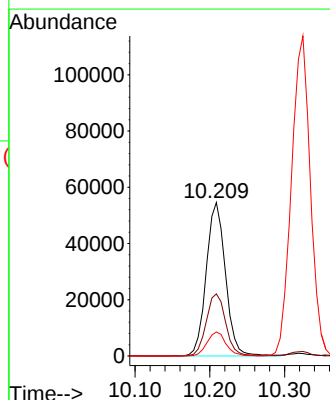
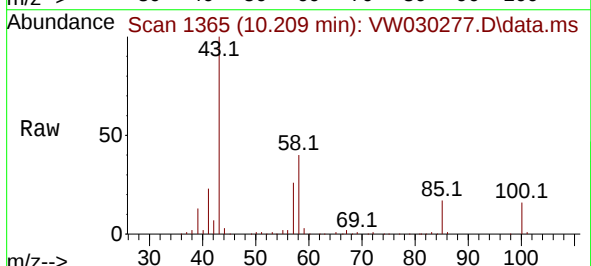
Instrument :
 MSVOA_W
 ClientSampleId :

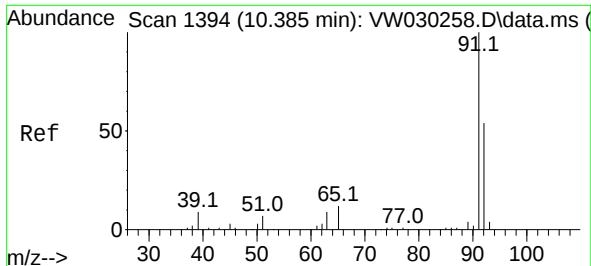
Tgt Ion: 75 Resp: 131742
 Ion Ratio Lower Upper
 75 100
 77 31.2 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 49.027 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

Tgt Ion: 43 Resp: 97808
 Ion Ratio Lower Upper
 43 100
 58 40.9 30.3 45.5
 100 15.3 11.0 16.4





#42

Toluene

Concen: 22.620 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

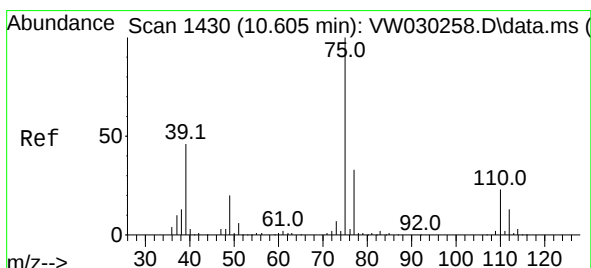
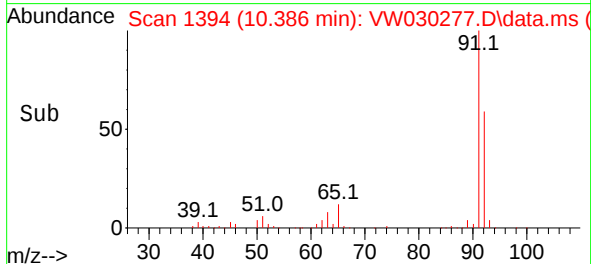
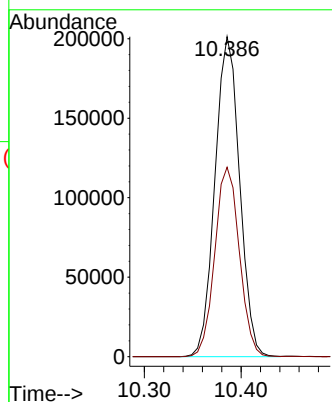
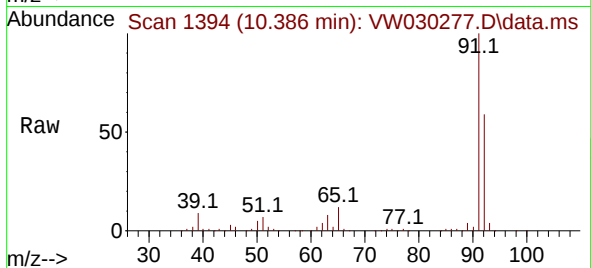
ClientSampleId :

Tgt Ion: 91 Resp: 356178

Ion Ratio Lower Upper

91 100

92 59.2 39.8 73.8



#44

trans-1,3-Dichloropropene

Concen: 23.395 ug/L

RT: 10.605 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VW030277.D

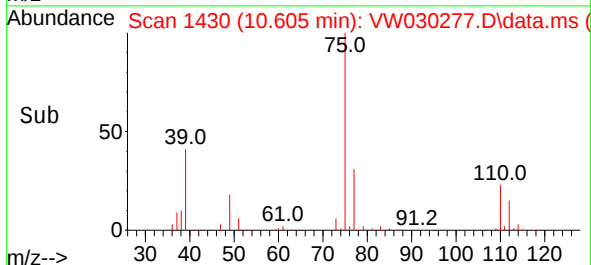
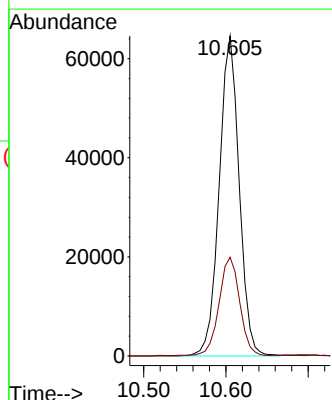
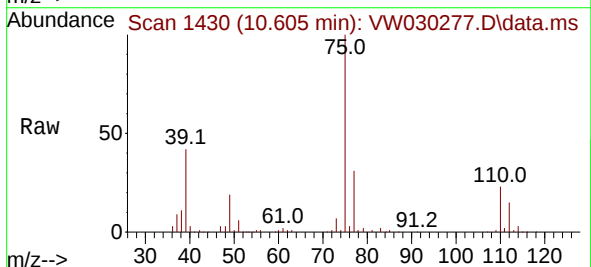
Acq: 26 Sep 2024 22:31

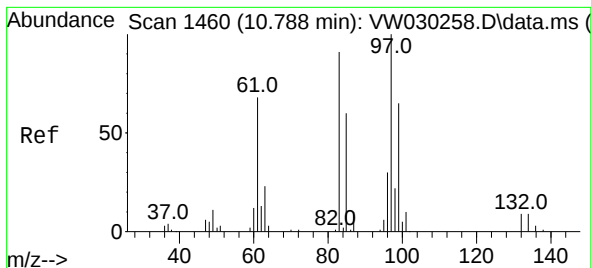
Tgt Ion: 75 Resp: 109164

Ion Ratio Lower Upper

75 100

77 30.9 20.7 38.5





#45

1,1,2-Trichloroethane

Concen: 24.227 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. 0.000 min

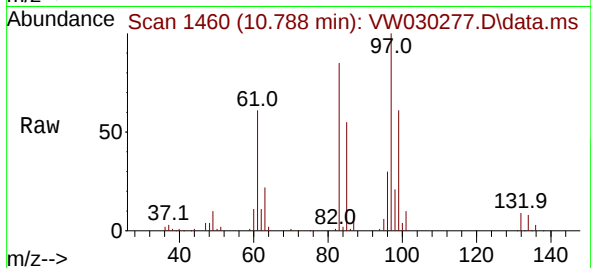
Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 62420

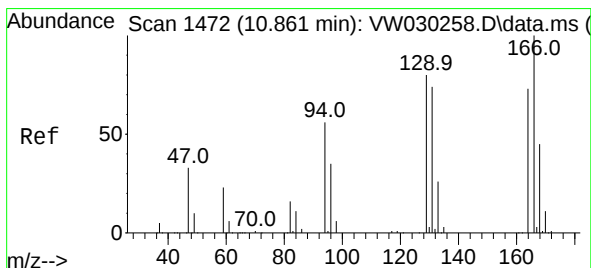
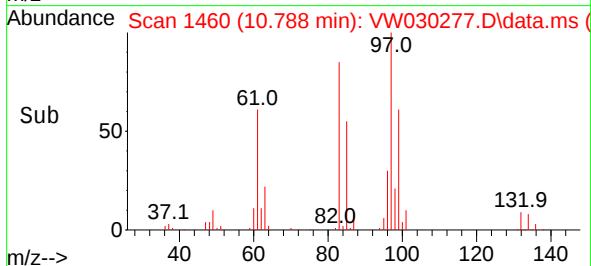
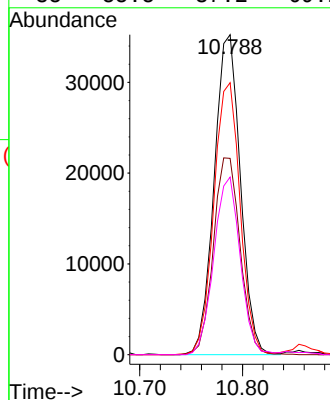
Ion Ratio Lower Upper

97 100

99 61.4 40.4 75.0

83 85.0 56.7 105.3

85 55.5 37.2 69.2



#46

Tetrachloroethene

Concen: 24.563 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Tgt Ion:164 Resp: 67986

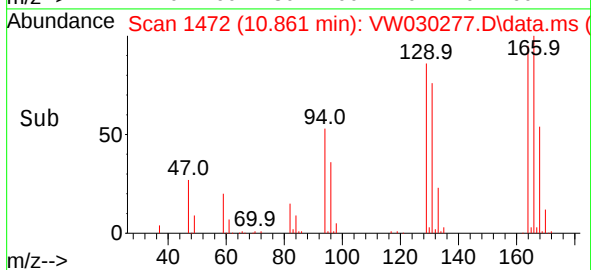
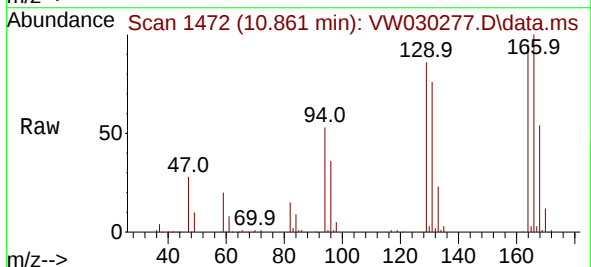
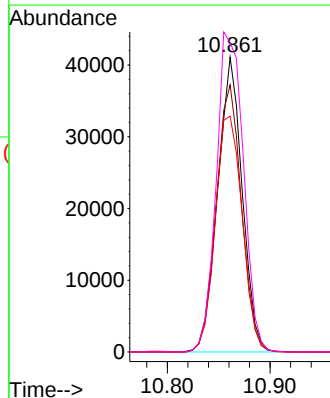
Ion Ratio Lower Upper

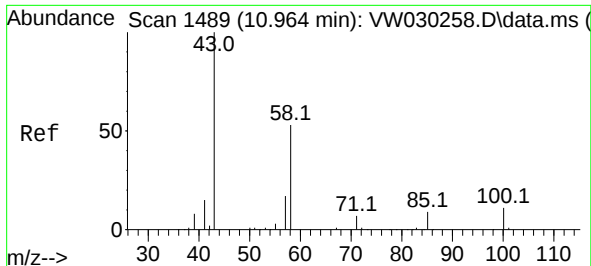
164 100

129 90.6 69.9 129.9

131 80.0 63.8 118.6

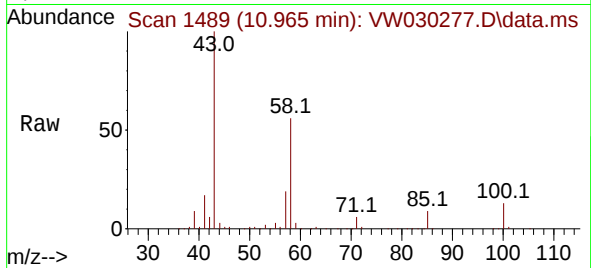
166 105.0 91.6 170.0



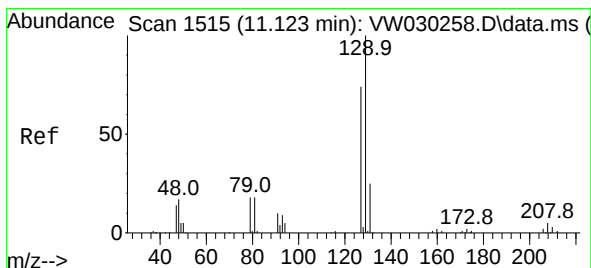
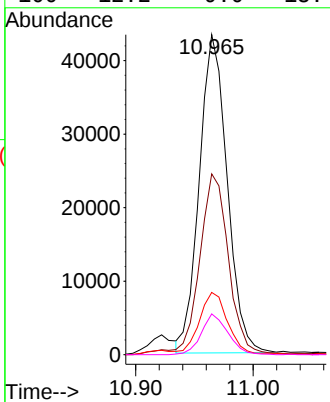
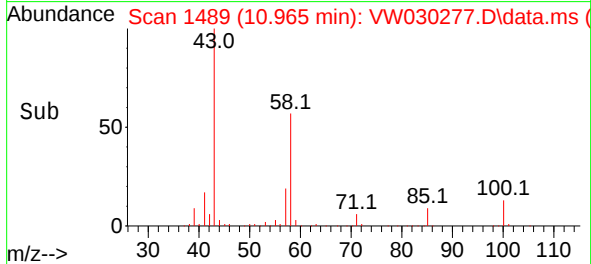


#48
2-Hexanone
Concen: 42.606 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

Instrument :
MSVOA_W
ClientSampleId :

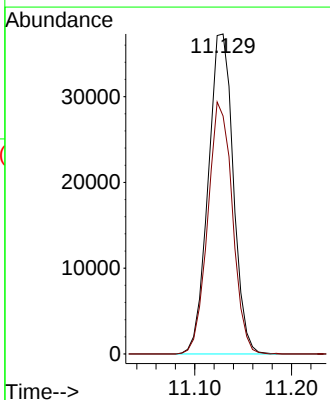
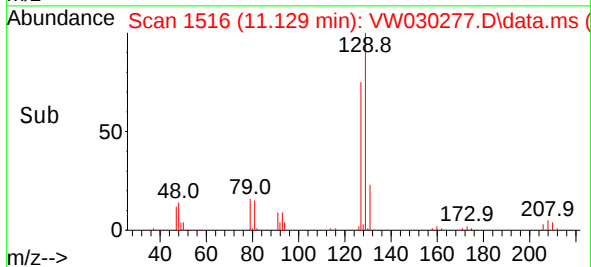
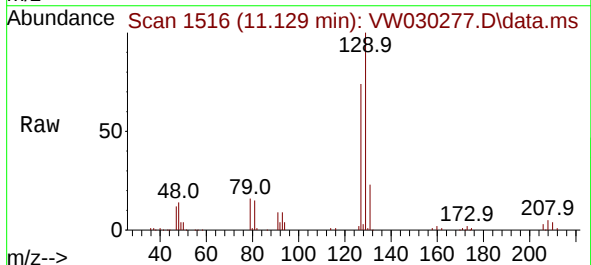


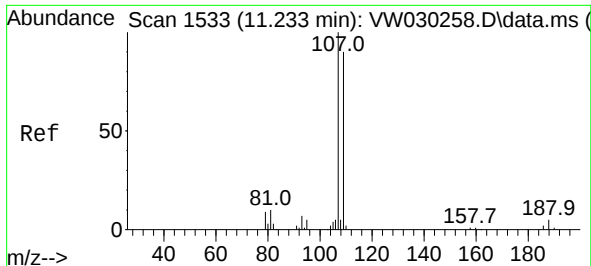
Tgt Ion: 43 Resp: 71480
Ion Ratio Lower Upper
43 100
58 58.5 43.3 64.9
57 19.1 15.4 23.0
100 12.2 9.0 13.4



#49
Dibromochloromethane
Concen: 24.274 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

Tgt Ion:129 Resp: 67122
Ion Ratio Lower Upper
129 100
127 74.3 52.2 97.0





#50

1,2-Dibromoethane

Concen: 24.240 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW030277.D

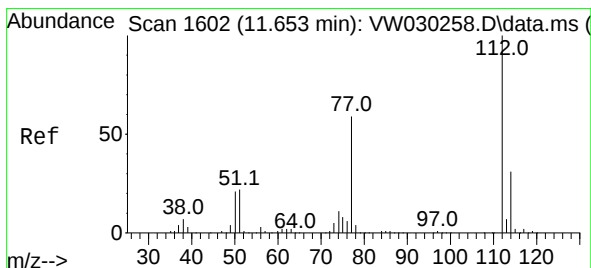
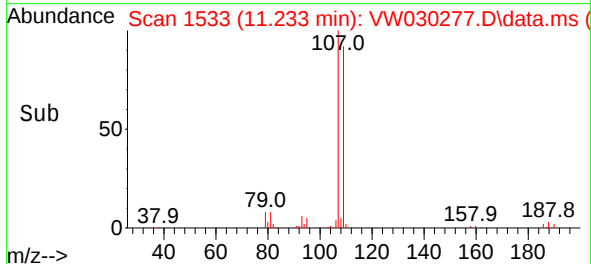
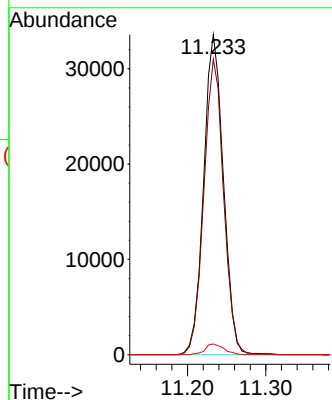
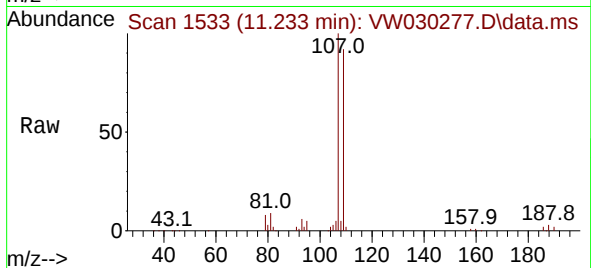
Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	58682
Ion Ratio	Lower	Upper	
107	100		
109	92.3	65.9	122.5
188	3.3	1.9	2.9#



#51

Chlorobenzene

Concen: 22.984 ug/L

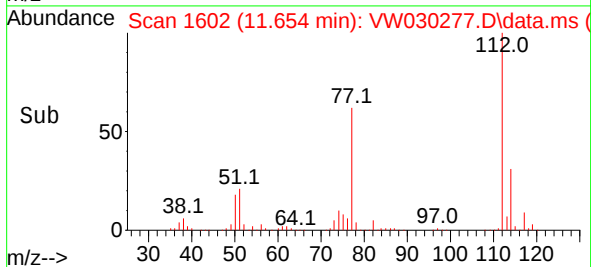
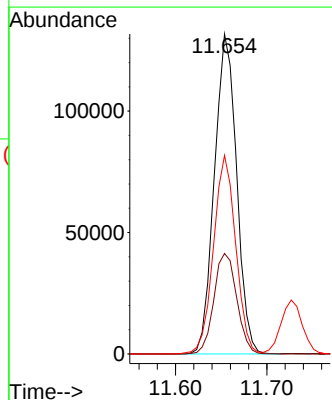
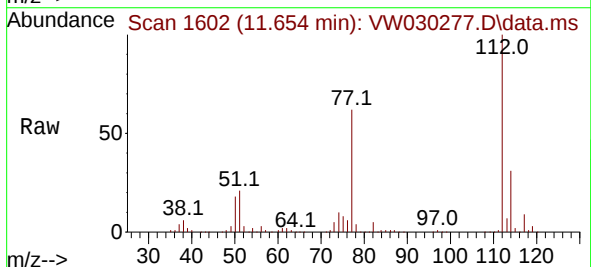
RT: 11.654 min Scan# 1602

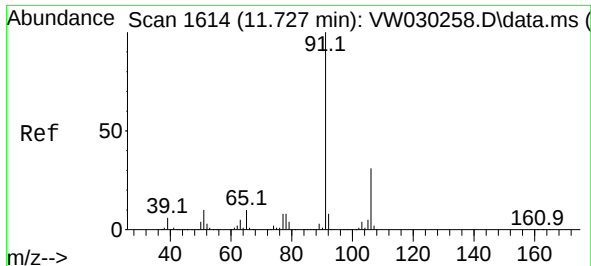
Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Tgt Ion:	112	Resp:	222532
Ion Ratio	Lower	Upper	
112	100		
114	31.4	21.5	39.9
77	62.0	50.6	75.8





#52

Ethylbenzene

Concen: 22.834 ug/L

RT: 11.727 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

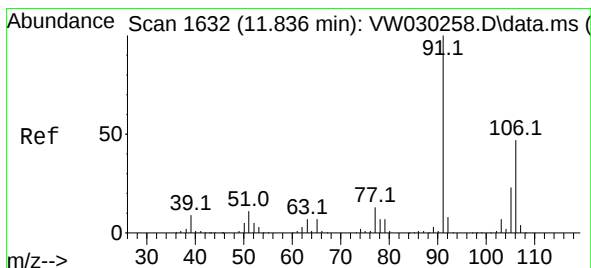
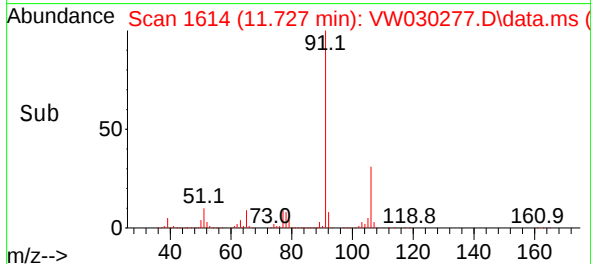
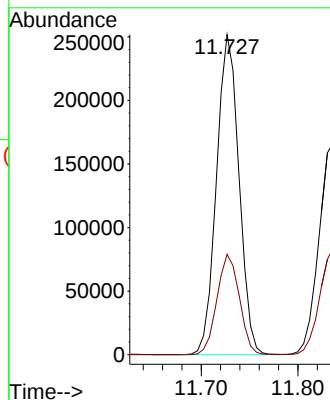
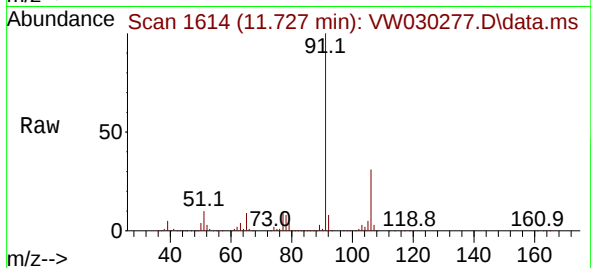
ClientSampleId :

Tgt Ion: 91 Resp: 406367

Ion Ratio Lower Upper

91 100

106 31.4 20.4 38.0



#53

m,p-Xylene

Concen: 23.727 ug/L

RT: 11.836 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW030277.D

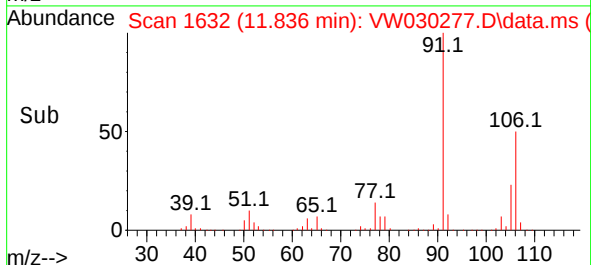
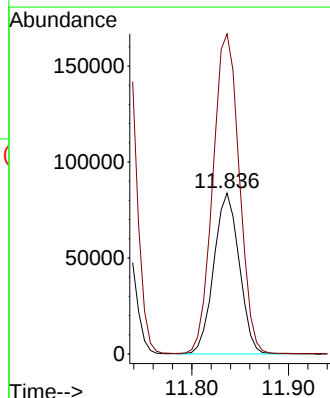
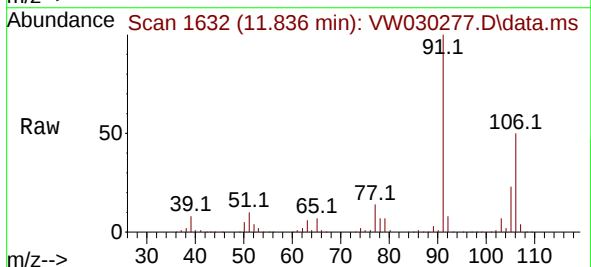
Acq: 26 Sep 2024 22:31

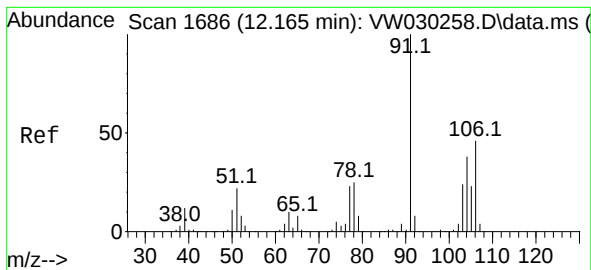
Tgt Ion:106 Resp: 153015

Ion Ratio Lower Upper

106 100

91 198.9 151.1 280.5





#54

o-Xylene

Concen: 23.851 ug/L

RT: 12.166 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

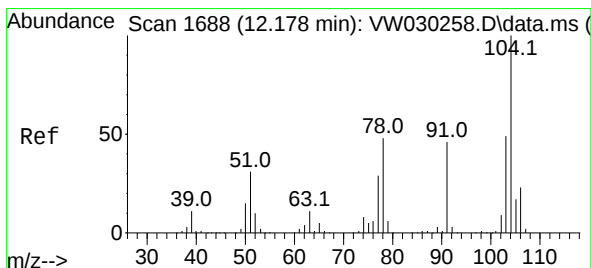
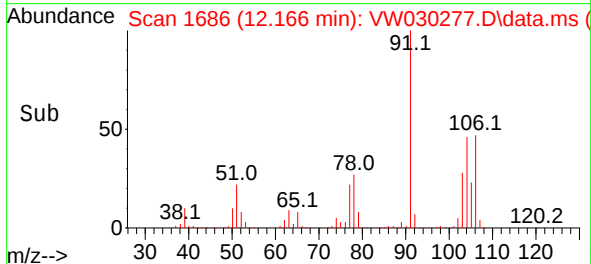
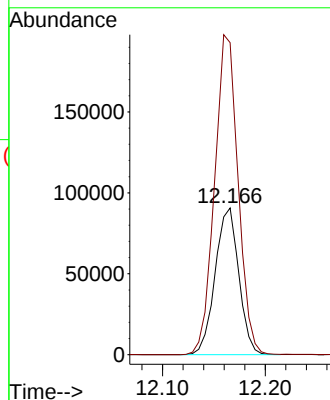
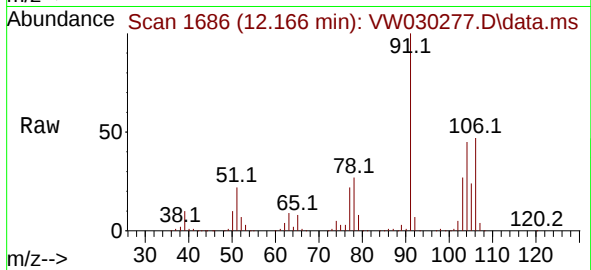
ClientSampleId :

Tgt Ion:106 Resp: 144479

Ion Ratio Lower Upper

106 100

91 212.7 143.1 265.9



#55

Styrene

Concen: 24.378 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. 0.000 min

Lab File: VW030277.D

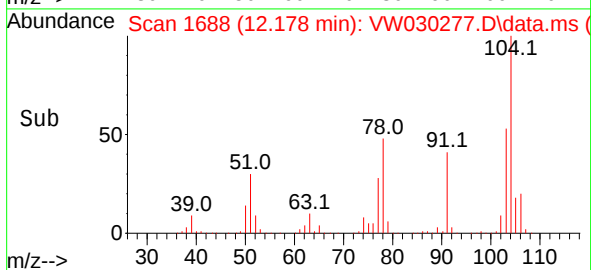
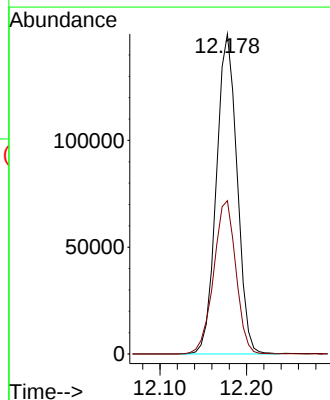
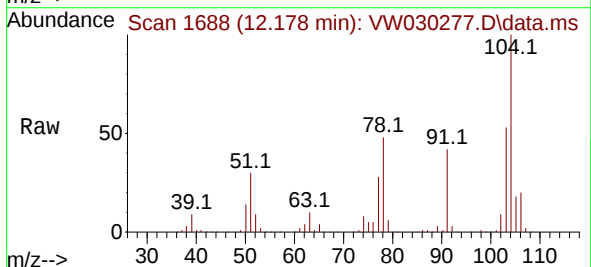
Acq: 26 Sep 2024 22:31

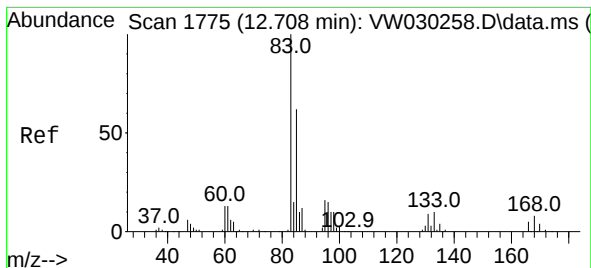
Tgt Ion:104 Resp: 248594

Ion Ratio Lower Upper

104 100

78 47.9 33.6 62.4

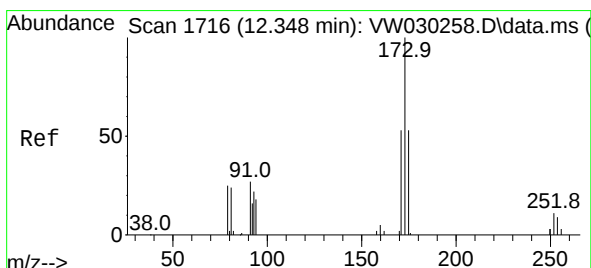
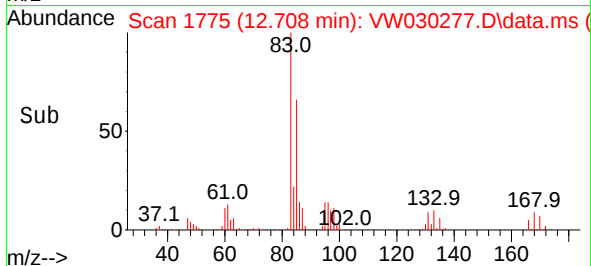
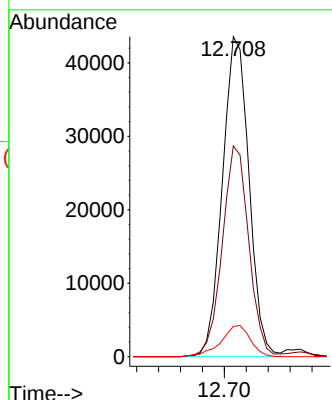
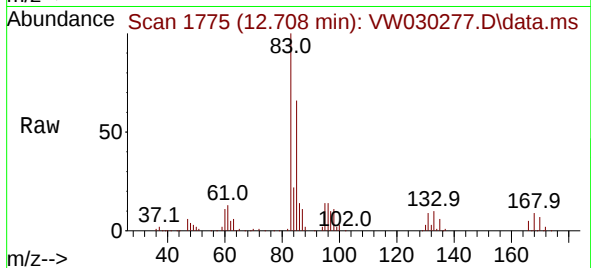




#57
1,1,2,2-Tetrachloroethane
Concen: 24.035 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

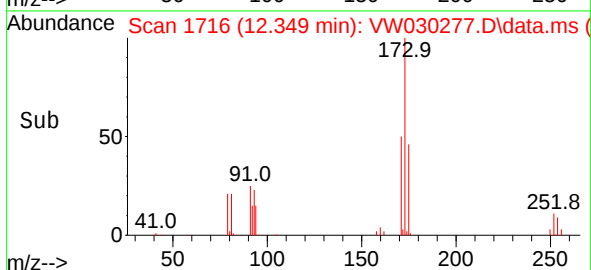
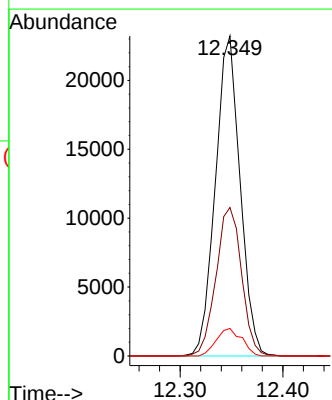
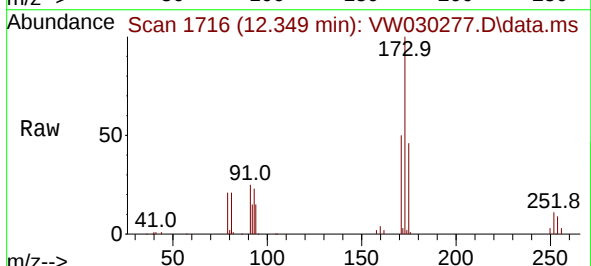
Instrument :
MSVOA_W
ClientSampleId :

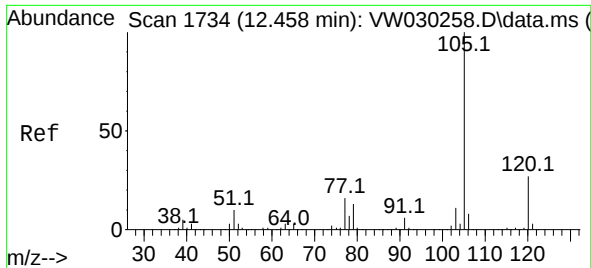
Tgt Ion: 83 Resp: 73287
Ion Ratio Lower Upper
83 100
85 65.9 44.9 83.5
131 9.5 7.3 10.9



#59
Bromoform
Concen: 24.718 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

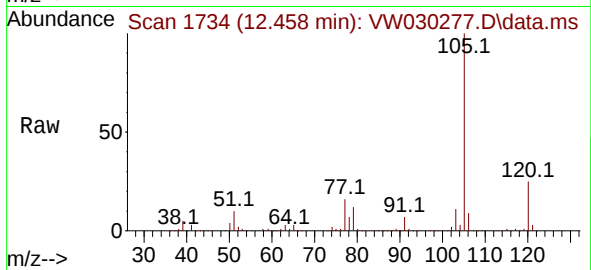
Tgt Ion:173 Resp: 38788
Ion Ratio Lower Upper
173 100
175 47.9 37.8 56.8
254 8.9 7.4 11.2



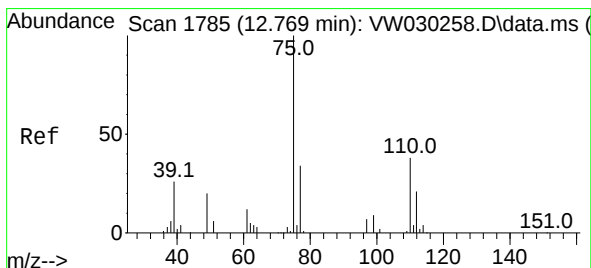
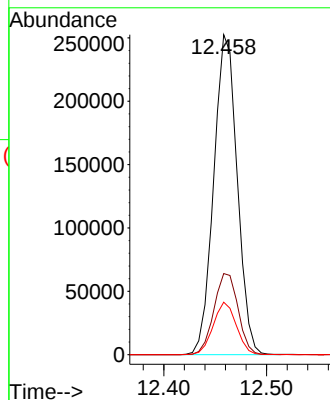
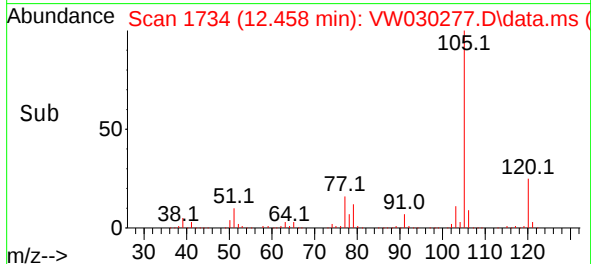


#60
Isopropylbenzene
Concen: 23.318 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

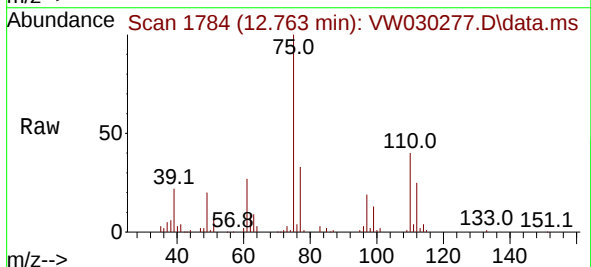
Instrument :
MSVOA_W
ClientSampleId :



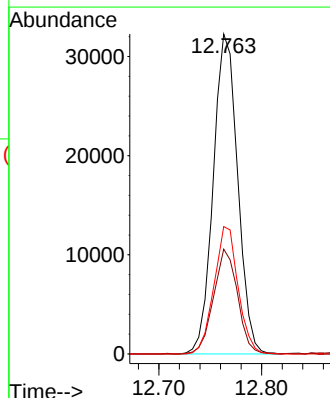
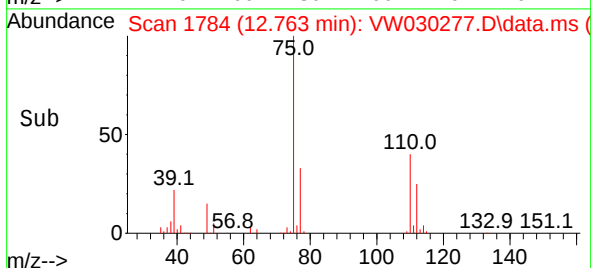
Tgt Ion:105 Resp: 401476
Ion Ratio Lower Upper
105 100
120 26.1 20.5 30.7
77 16.2 13.6 20.4

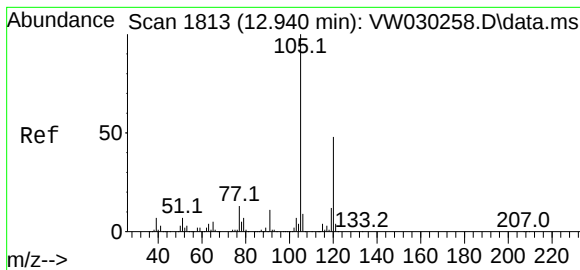


#61
1,2,3-Trichloropropane
Concen: 24.044 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31



Tgt Ion: 75 Resp: 53266
Ion Ratio Lower Upper
75 100
77 32.2 26.6 39.8
110 39.3 30.3 45.5

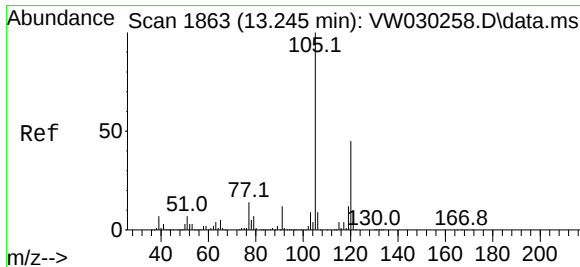
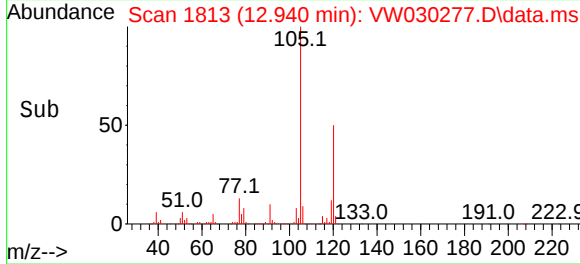
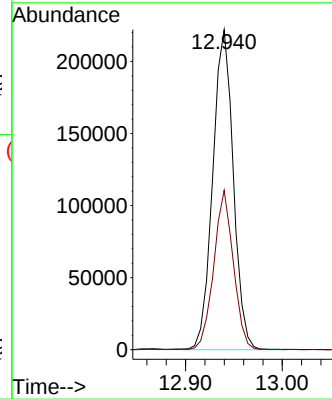
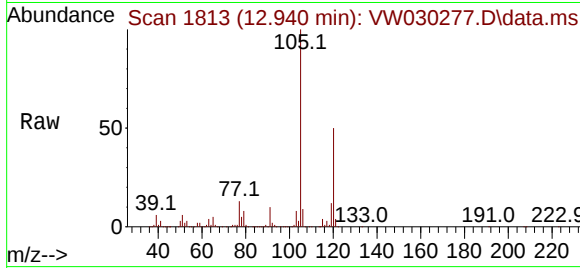




#62
 1,3,5-Trimethylbenzene
 Concen: 24.502 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

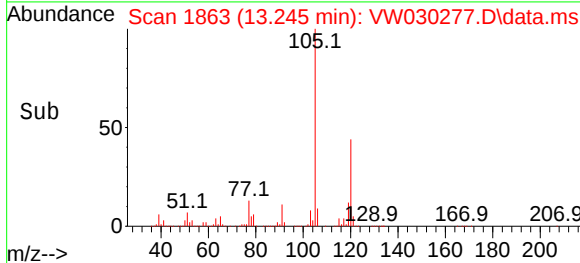
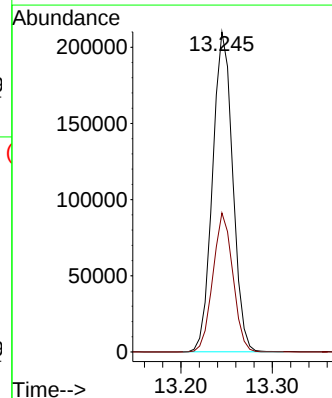
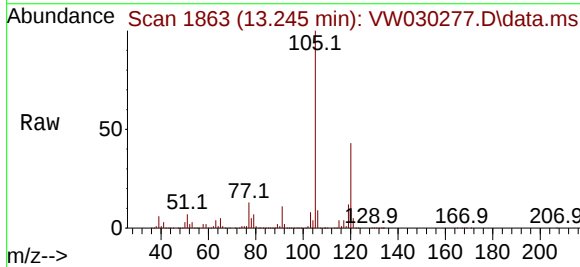
Instrument :
 MSVOA_W
 ClientSampleId :

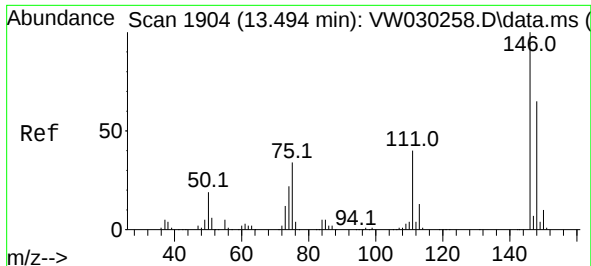
Tgt Ion:105 Resp: 328338
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 24.463 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW030277.D
 Acq: 26 Sep 2024 22:31

Tgt Ion:105 Resp: 321478
 Ion Ratio Lower Upper
 105 100
 120 43.0 35.5 53.3





#64

1,3-Dichlorobenzene

Concen: 22.830 ug/L

RT: 13.495 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

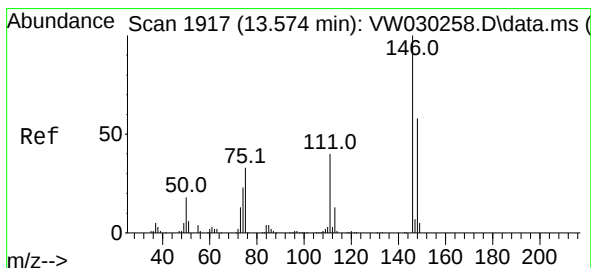
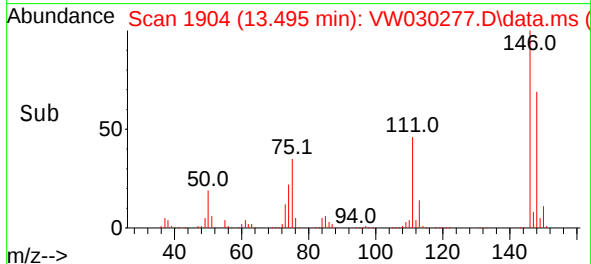
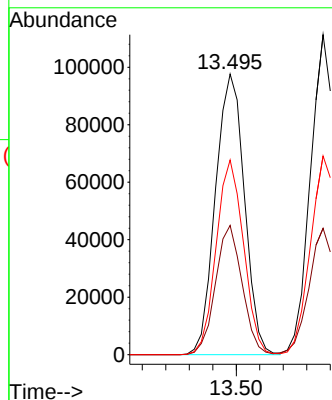
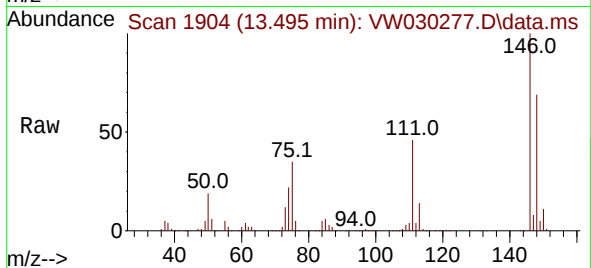
Tgt Ion:146 Resp: 167203

Ion Ratio Lower Upper

146 100

111 46.1 29.0 53.8

148 69.4 46.6 86.6



#65

1,4-Dichlorobenzene

Concen: 22.751 ug/L

RT: 13.574 min Scan# 1917

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

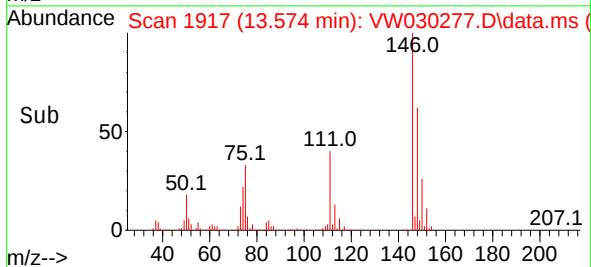
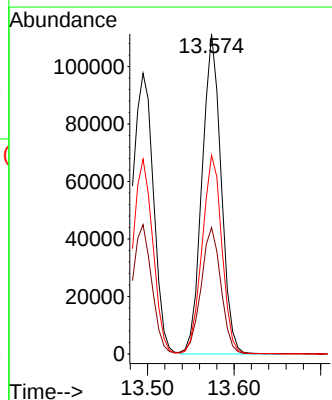
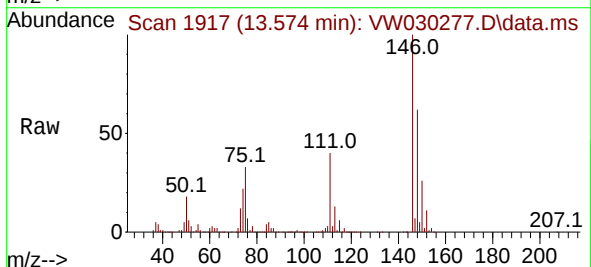
Tgt Ion:146 Resp: 170490

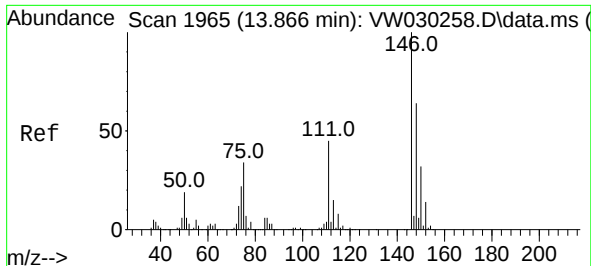
Ion Ratio Lower Upper

146 100

111 39.5 29.0 53.8

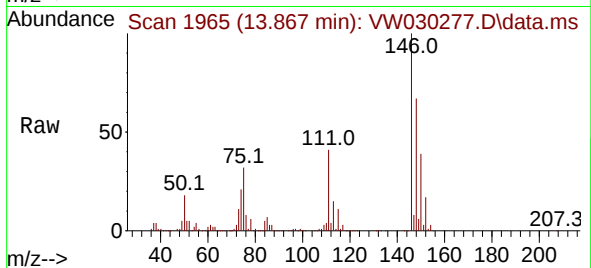
148 62.1 44.7 83.1



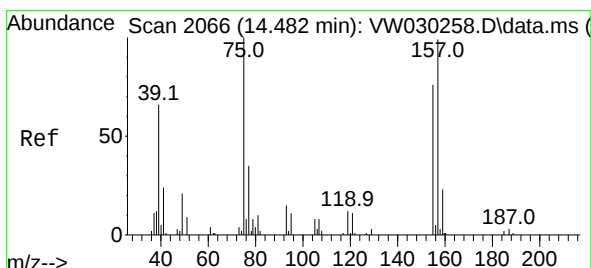
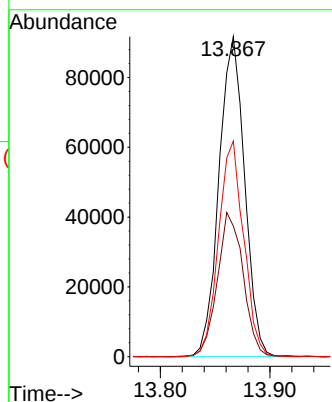
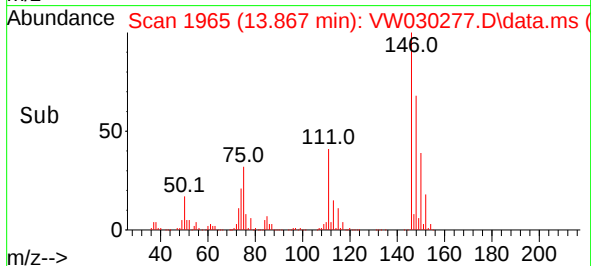


#67
1,2-Dichlorobenzene
Concen: 23.377 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31

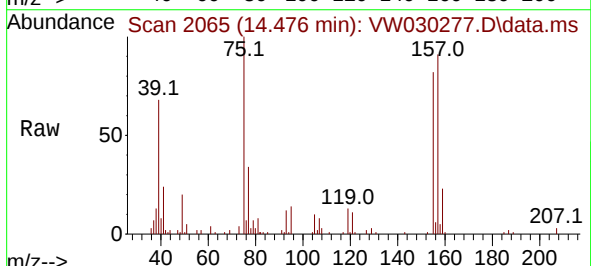
Instrument :
MSVOA_W
ClientSampleId :



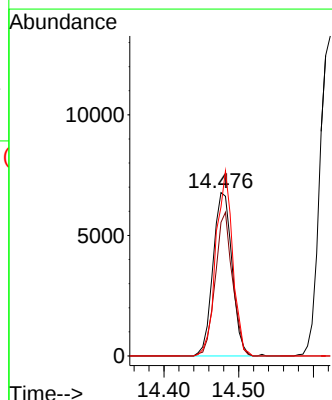
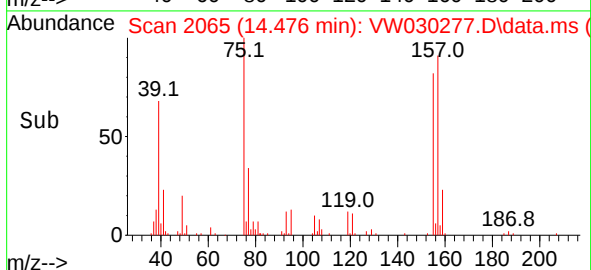
Tgt Ion:146 Resp: 149145
Ion Ratio Lower Upper
146 100
111 40.9 32.9 49.3
148 67.4 50.2 75.2

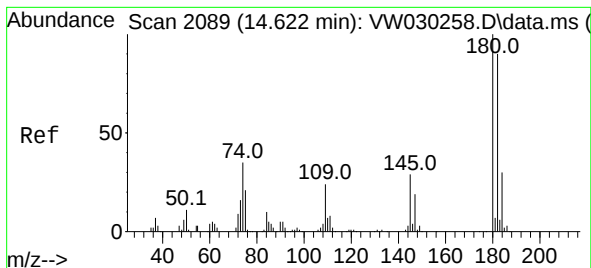


#68
1,2-Dibromo-3-chloropropane
Concen: 24.586 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. -0.006 min
Lab File: VW030277.D
Acq: 26 Sep 2024 22:31



Tgt Ion: 75 Resp: 11993
Ion Ratio Lower Upper
75 100
155 81.8 55.4 83.2
157 91.3 58.3 87.5#





#69

1,3,5-Trichlorobenzene

Concen: 24.940 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

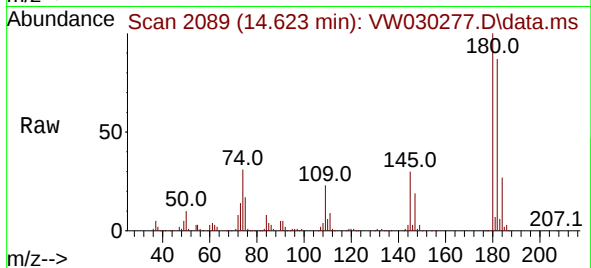
Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 119293

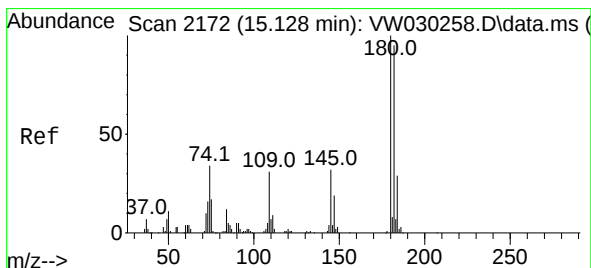
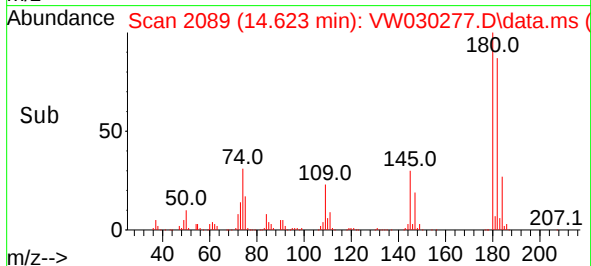
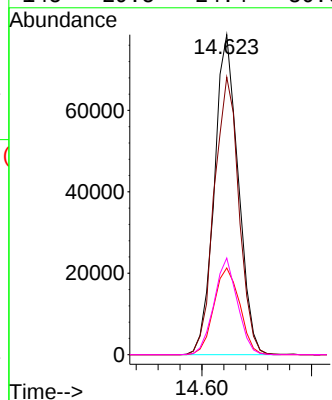
Ion Ratio Lower Upper

180 100

182 89.4 71.8 107.8

184 29.2 23.7 35.5

145 29.5 24.4 36.6



#70

1,2,4-trichlorobenzene

Concen: 25.777 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

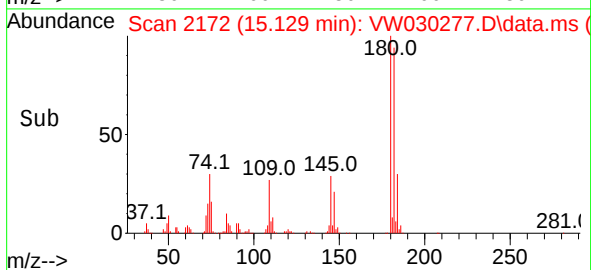
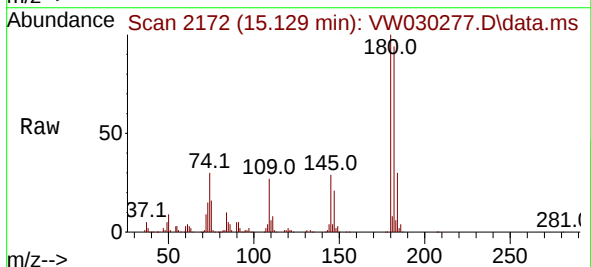
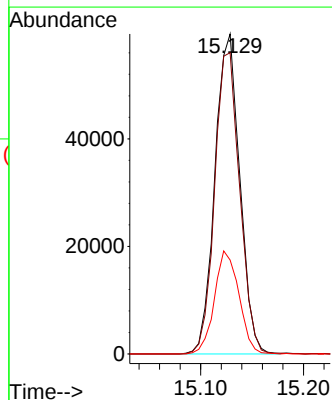
Tgt Ion:180 Resp: 99844

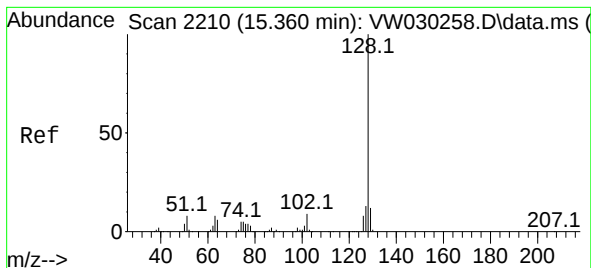
Ion Ratio Lower Upper

180 100

182 95.0 74.6 112.0

145 31.7 24.2 36.2





#71

Naphthalene

Concen: 30.364 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Instrument :

MSVOA_W

ClientSampleId :

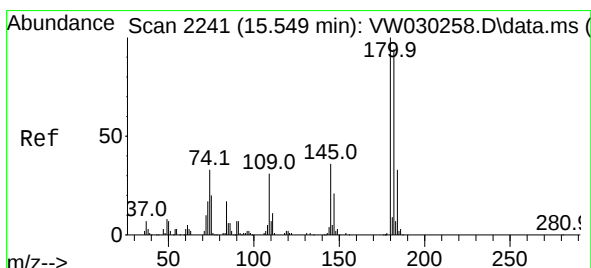
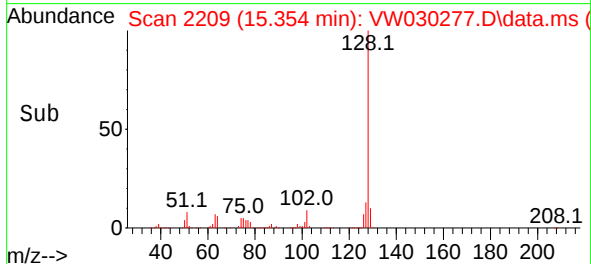
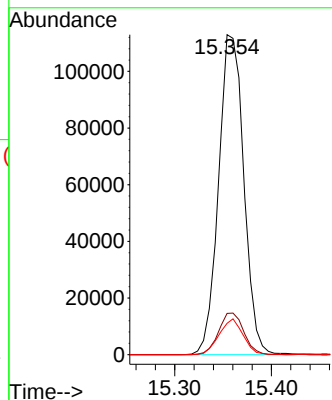
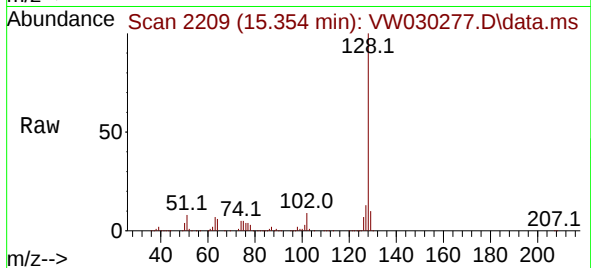
Tgt Ion:128 Resp: 204137

Ion Ratio Lower Upper

128 100

127 13.1 11.0 16.6

129 10.6 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 26.591 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW030277.D

Acq: 26 Sep 2024 22:31

Tgt Ion:180 Resp: 89819

Ion Ratio Lower Upper

180 100

182 94.0 73.4 110.2

145 33.2 27.5 41.3

