

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021224\
 Data File : VW027986.D
 Acq On : 12 Feb 2024 09:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 12 23:57:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 09 22:30:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	321366	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	290187	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	150423	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	82381	21.887	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.560%
7) Chloroethane-d5	2.899	69	70889	24.831	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.320%
11) 1,1-Dichloroethene-d2	4.021	65	35177	21.842	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.360%
21) 2-Butanone-d5	7.081	46	30223	51.678	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.360%
24) Chloroform-d	7.648	84	176374	23.472	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.880%
26) 1,2-Dichloroethane-d4	8.301	65	80495	23.719	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.880%
32) Benzene-d6	8.276	84	359127	23.131	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	9.270	67	100034	23.763	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.040%
41) Toluene-d8	10.318	98	347958	23.423	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.680%
43) trans-1,3-Dichloroprop...	10.575	79	41665	24.067	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.280%
47) 2-Hexanone-d5	10.922	63	29055	50.743	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.480%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	78675	25.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	100.040%
66) 1,2-Dichlorobenzene-d4	13.848	152	117893	23.059	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	62163	22.462	ug/L	94
3) Chloromethane	2.222	50	61921	20.374	ug/L	99
5) Vinyl chloride	2.375	62	90744	22.029	ug/L	97
6) Bromomethane	2.789	94	64216	22.062	ug/L	100
8) Chloroethane	2.936	64	57086	24.527	ug/L	99
9) Trichlorofluoromethane	3.265	101	78693	21.020	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	85983	22.786	ug/L	98
12) 1,1-Dichloroethene	4.045	96	83031	23.653	ug/L	93
13) Acetone	4.143	43	27069	47.599	ug/L	90
14) Carbon disulfide	4.387	76	219974	21.166	ug/L	99
15) Methyl Acetate	4.679	43	23332	24.645	ug/L	# 76
16) Methylene chloride	4.917	84	80895	20.139	ug/L	96
17) trans-1,2-Dichloroethene	5.429	96	85828	22.757	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	106034	23.715	ug/L	100
19) 1,1-Dichloroethane	6.222	63	144142	23.526	ug/L	98
20) cis-1,2-Dichloroethene	7.167	96	96890	24.328	ug/L	98
22) 2-Butanone	7.179	43	33851	51.566	ug/L	97
23) Bromochloromethane	7.514	128	41446	23.428	ug/L	87
25) Chloroform	7.679	83	157271	23.877	ug/L	96

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 Quant Title : SFAM01.0
 QLast Update : Fri Feb 09 22:30:02 2024
 Response via : Initial Calibration

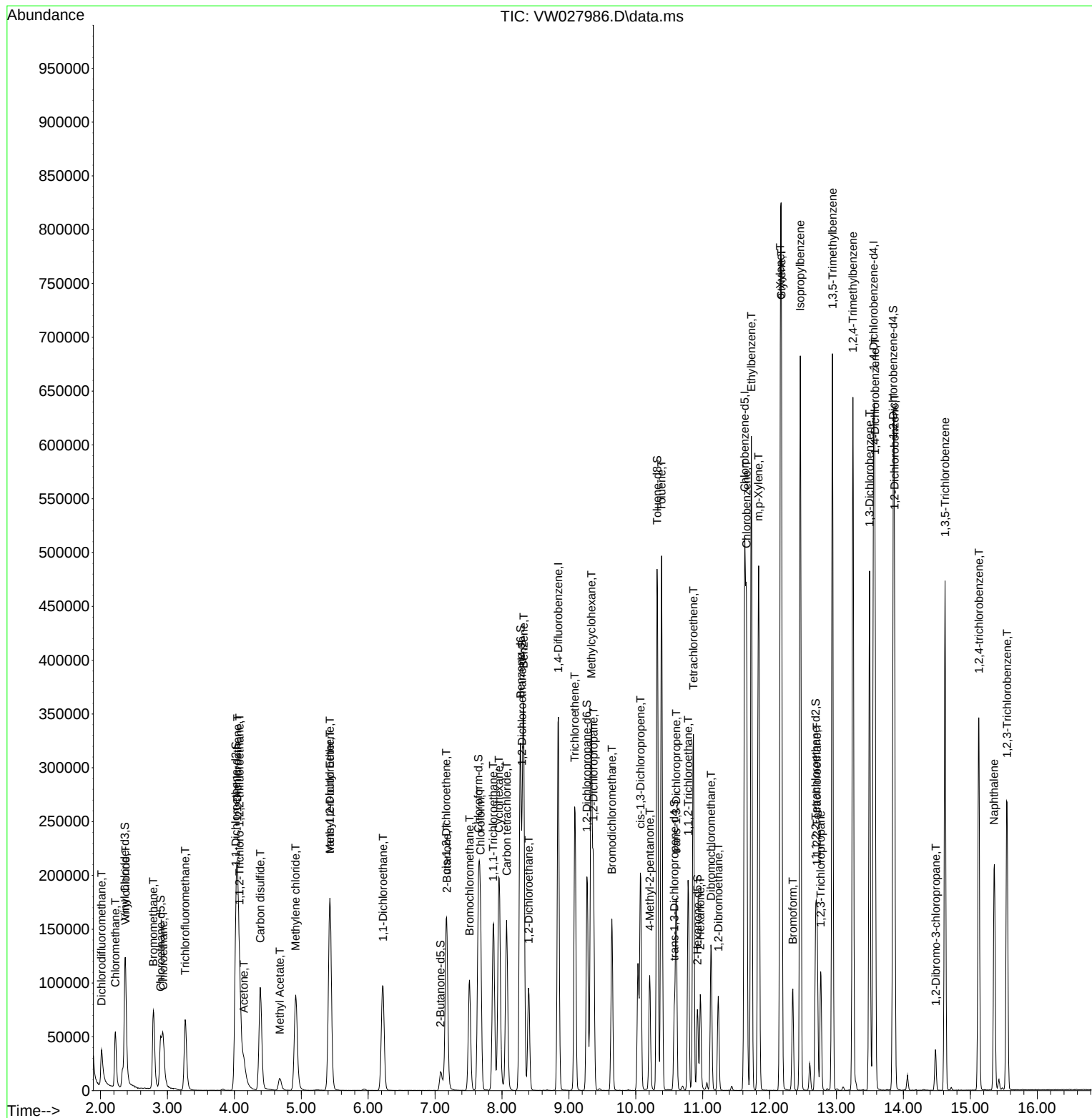
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	89455	24.388	ug/L	98
29) Cyclohexane	7.953	56	117197	22.659	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	133782	23.882	ug/L	99
31) Carbon tetrachloride	8.069	117	124476	24.019	ug/L	99
33) Benzene	8.325	78	337677	23.298	ug/L	100
34) Trichloroethene	9.087	95	94795	22.783	ug/L	99
35) Methylcyclohexane	9.337	83	157762	23.042	ug/L	98
37) 1,2-Dichloropropane	9.367	63	81329	23.879	ug/L	100
38) Bromodichloromethane	9.642	83	110990	24.414	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	131373	24.065	ug/L	100
40) 4-Methyl-2-pentanone	10.209	43	64876	50.468	ug/L	99
42) Toluene	10.386	91	381958	23.504	ug/L	98
44) trans-1,3-Dichloropropene	10.605	75	106245	24.521	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	65529	24.308	ug/L	99
46) Tetrachloroethene	10.861	164	78701	22.480	ug/L	95
48) 2-Hexanone	10.965	43	49362	50.697	ug/L	97
49) Dibromochloromethane	11.123	129	75940	24.709	ug/L	87
50) 1,2-Dibromoethane	11.233	107	60213	23.929	ug/L	93
51) Chlorobenzene	11.654	112	249824	23.114	ug/L	99
52) Ethylbenzene	11.727	91	434155	23.696	ug/L	100
53) m,p-Xylene	11.836	106	171050	23.805	ug/L	99
54) o-Xylene	12.160	106	163405	24.247	ug/L	96
55) Styrene	12.178	104	274731	24.475	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.708	83	70271	24.342	ug/L	93
59) Bromoform	12.349	173	44410	25.013	ug/L	98
60) Isopropylbenzene	12.458	105	456884	24.326	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	48218	24.019	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	379551	25.253	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	359034	24.412	ug/L	98
64) 1,3-Dichlorobenzene	13.495	146	207787	24.083	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	206014	23.484	ug/L	95
67) 1,2-Dichlorobenzene	13.867	146	183059	24.022	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.482	75	9998	25.085	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	151011	24.374	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	121785	24.342	ug/L	100
71) Naphthalene	15.354	128	196915	25.328	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	100542	24.087	ug/L	98

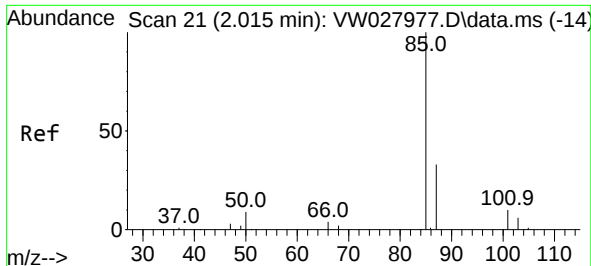
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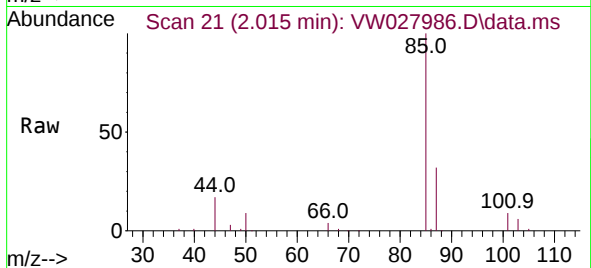
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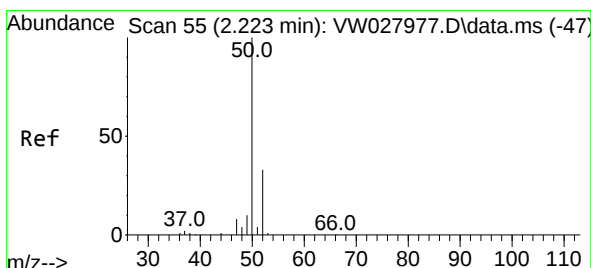
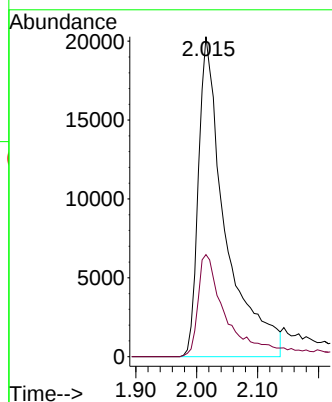
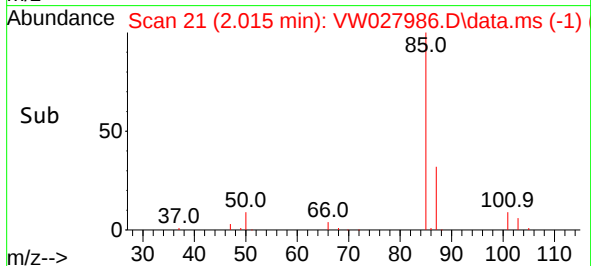


#2
 Dichlorodifluoromethane
 Concen: 22.462 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW027986.D
 Acq: 12 Feb 2024 09:11

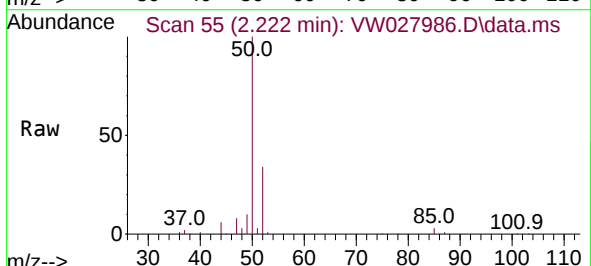
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 ClientSampleId :



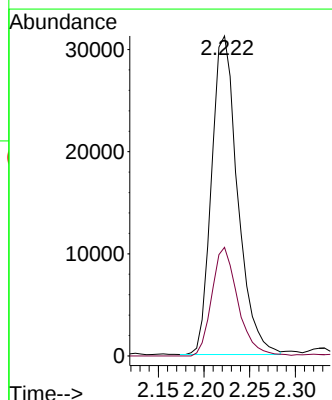
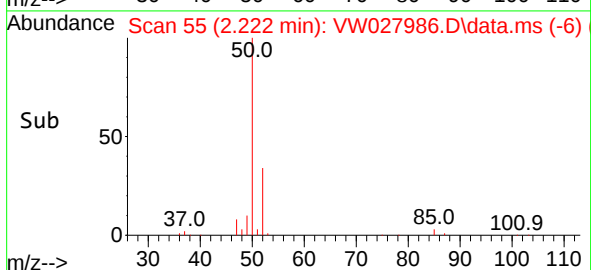
Tgt Ion: 85 Resp: 62163
 Ion Ratio Lower Upper
 85 100
 87 28.2 25.3 37.9

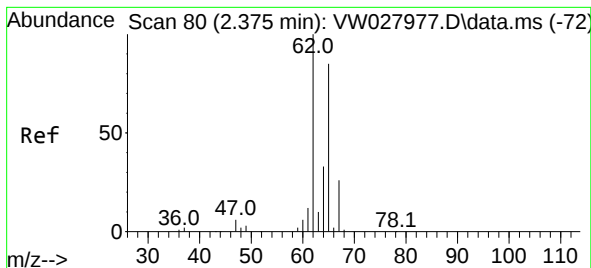


#3
 Chloromethane
 Concen: 20.374 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW027986.D
 Acq: 12 Feb 2024 09:11



Tgt Ion: 50 Resp: 61921
 Ion Ratio Lower Upper
 50 100
 52 34.0 24.3 45.1





#5

Vinyl chloride

Concen: 22.029 ug/L

RT: 2.375 min Scan# 80

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

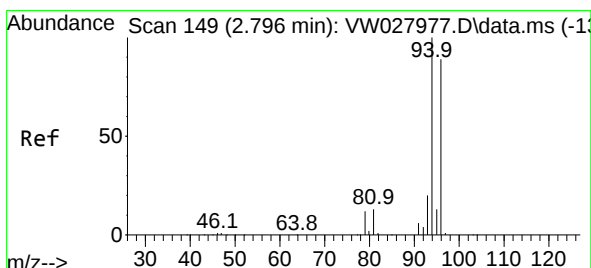
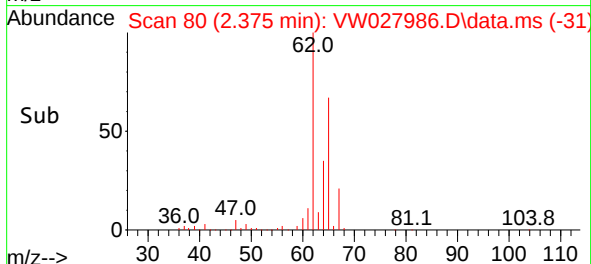
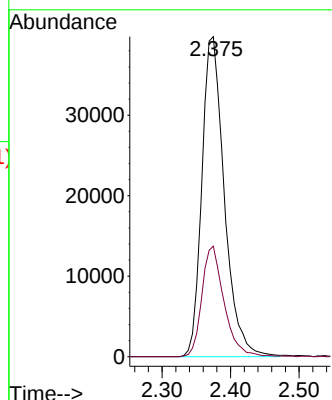
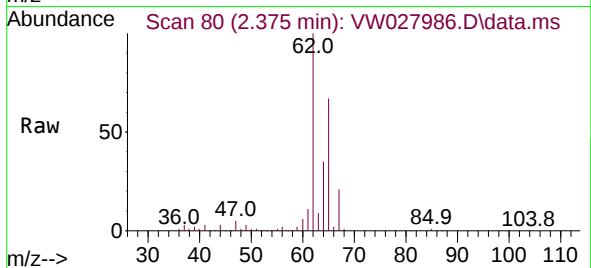
ClientSampleId :

Tgt Ion: 62 Resp: 90744

Ion Ratio Lower Upper

62 100

64 34.6 23.0 42.6



#6

Bromomethane

Concen: 22.062 ug/L

RT: 2.789 min Scan# 148

Delta R.T. -0.006 min

Lab File: VW027986.D

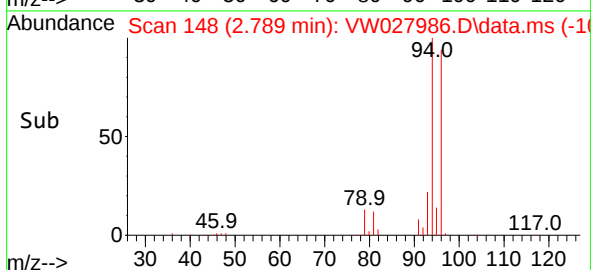
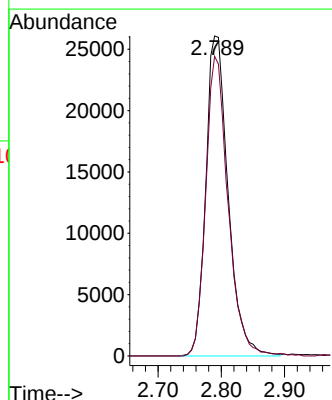
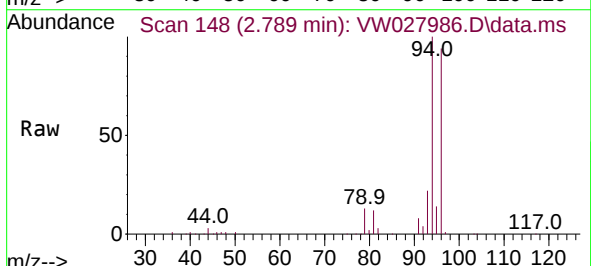
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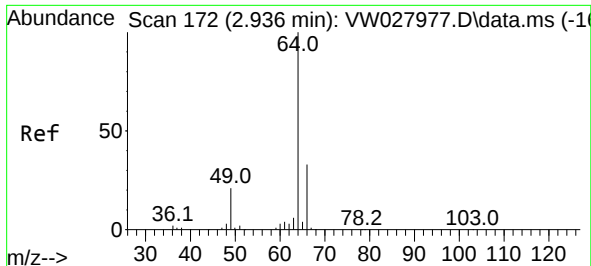
Tgt Ion: 94 Resp: 64216

Ion Ratio Lower Upper

94 100

96 93.7 65.3 121.3

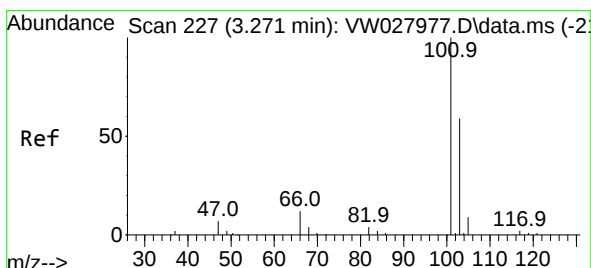
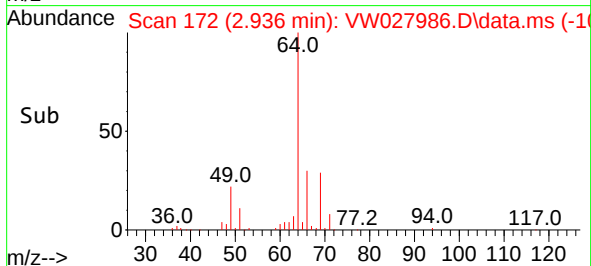
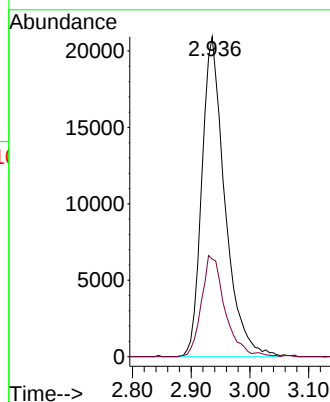
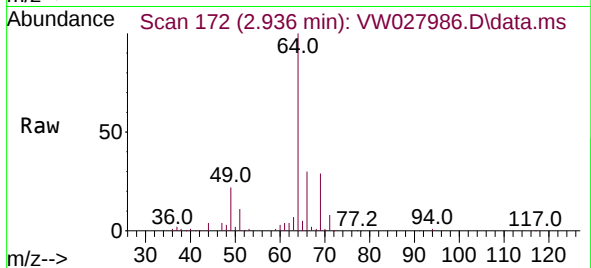




#8
Chloroethane
Concen: 24.527 ug/L
RT: 2.936 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

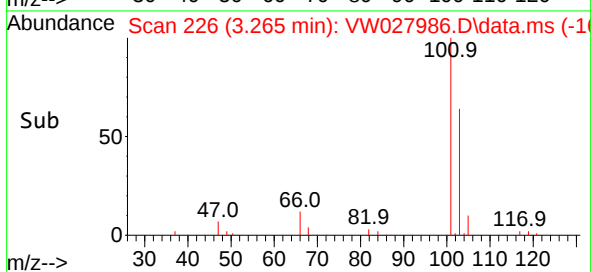
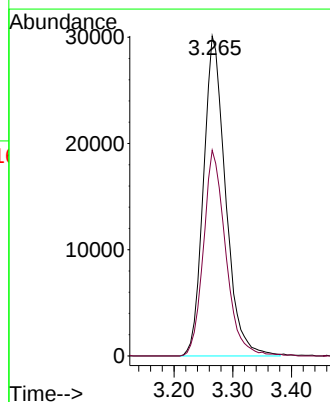
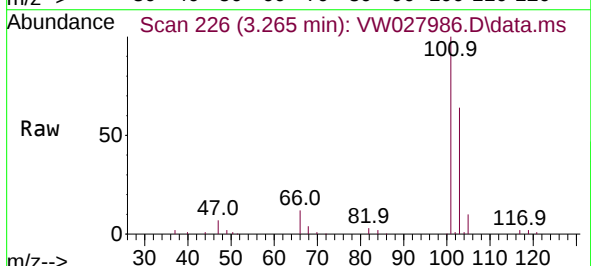
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MSVOA_W
ClientSampleId :

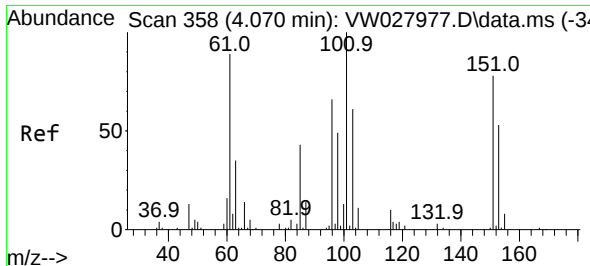
Tgt Ion: 64 Resp: 57086
Ion Ratio Lower Upper
64 100
66 30.5 20.9 38.7



#9
Trichlorofluoromethane
Concen: 21.020 ug/L
RT: 3.265 min Scan# 226
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion:101 Resp: 78693
Ion Ratio Lower Upper
101 100
103 64.3 51.6 77.4

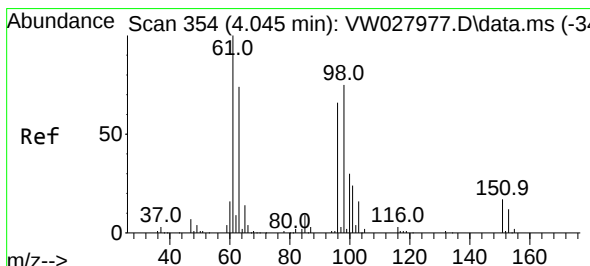
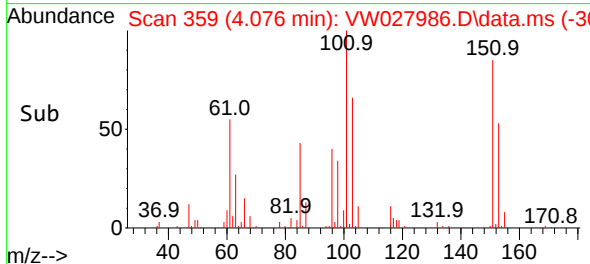
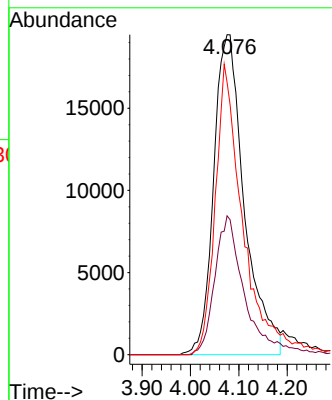
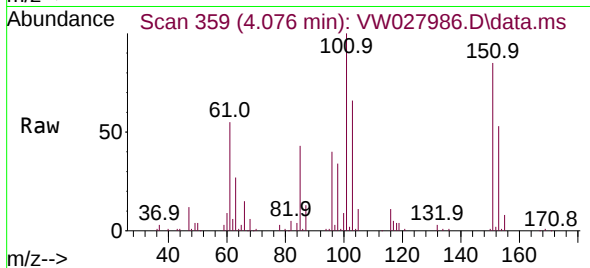




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.786 ug/L
 RT: 4.076 min Scan# 358
 Delta R.T. 0.006 min
 Lab File: VW027986.D
 Acq: 12 Feb 2024 09:11

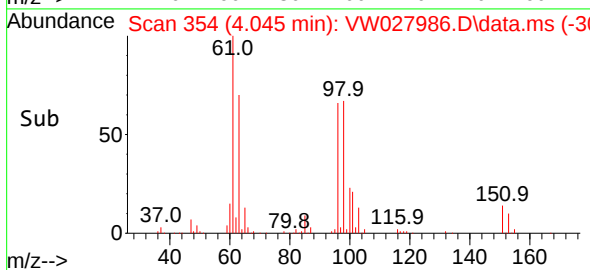
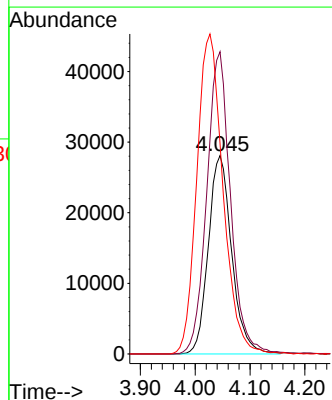
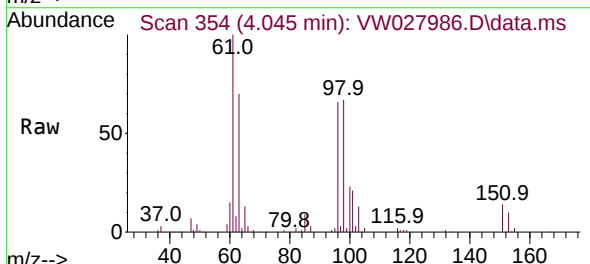
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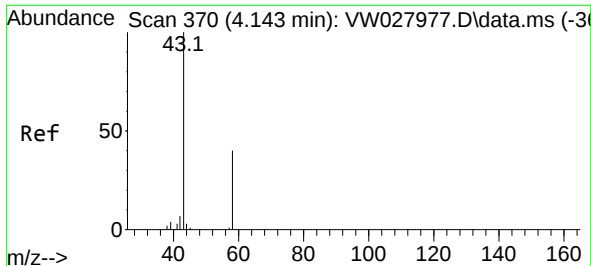
Tgt Ion:101 Resp: 85983
 Ion Ratio Lower Upper
 101 100
 85 39.8 33.8 50.6
 151 76.7 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.653 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.000 min
 Lab File: VW027986.D
 Acq: 12 Feb 2024 09:11

Tgt Ion: 96 Resp: 83031
 Ion Ratio Lower Upper
 96 100
 61 152.4 107.4 199.4
 63 106.2 86.0 159.6

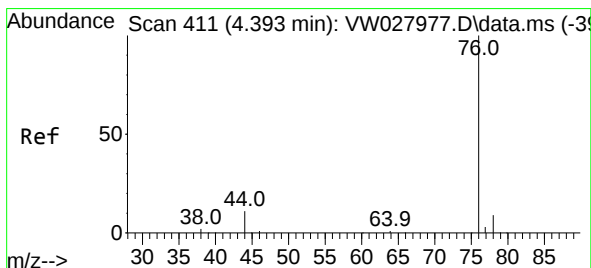
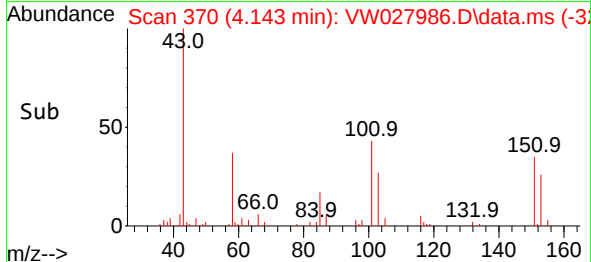
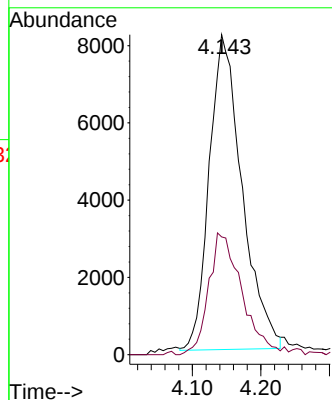
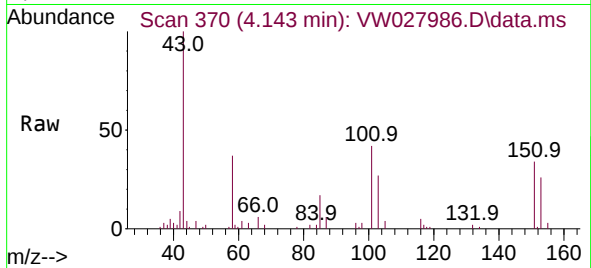




#13
Acetone
Concen: 47.599 ug/L
RT: 4.143 min Scan# 31
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

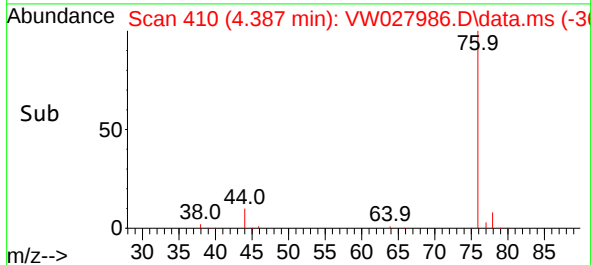
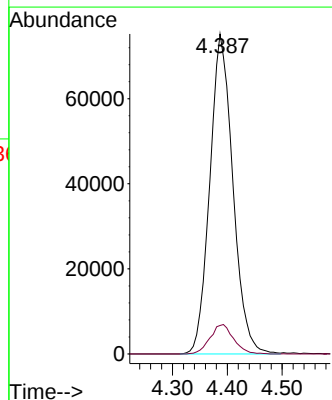
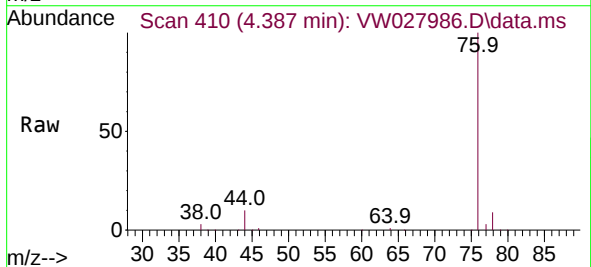
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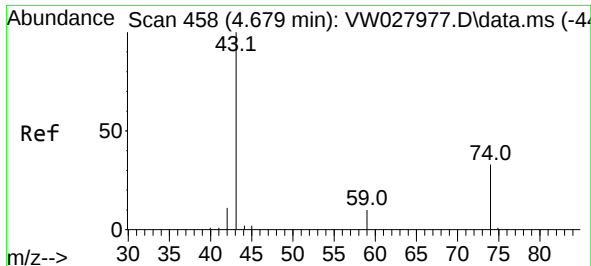
Tgt Ion: 43 Resp: 27069
Ion Ratio Lower Upper
43 100
58 38.9 0.0 66.0



#14
Carbon disulfide
Concen: 21.166 ug/L
RT: 4.387 min Scan# 410
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 76 Resp: 219974
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

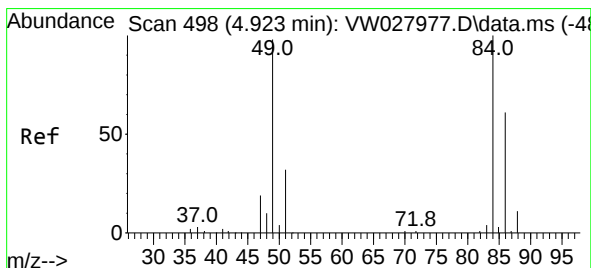
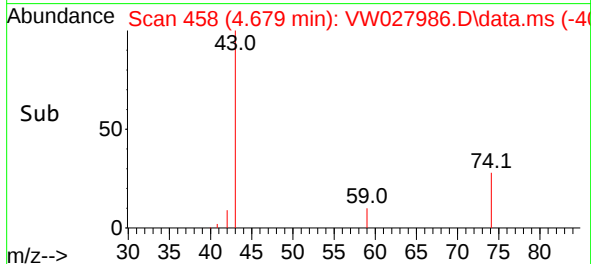
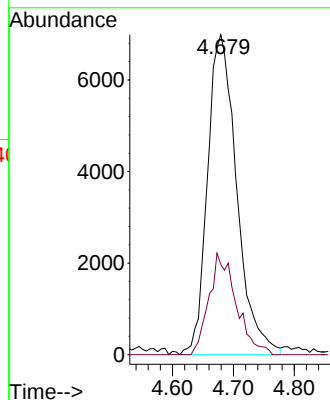
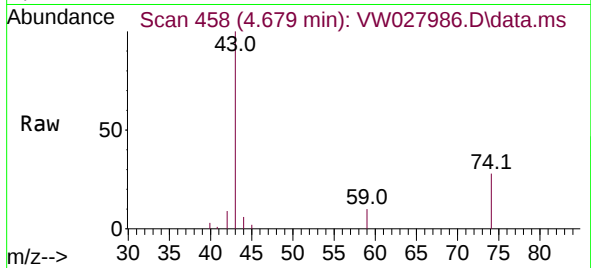




#15
Methyl Acetate
Concen: 24.645 ug/L
RT: 4.679 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

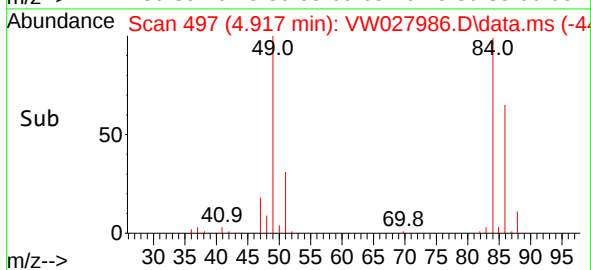
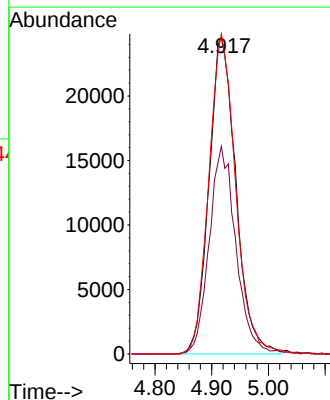
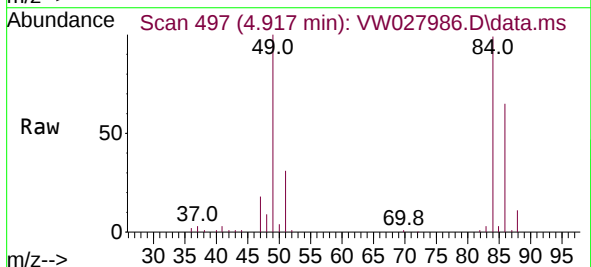
Instrument :
MSVOA_W
ClientSampleId :

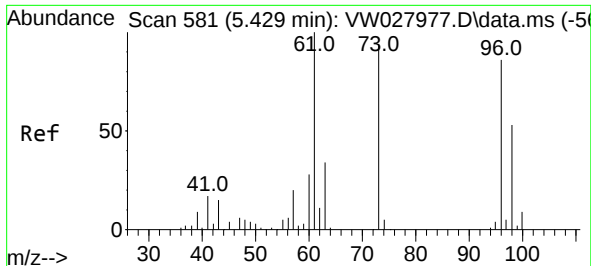
Tgt Ion: 43 Resp: 23332
Ion Ratio Lower Upper
43 100
74 17.0 24.2 36.2#



#16
Methylene chloride
Concen: 20.139 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 84 Resp: 80895
Ion Ratio Lower Upper
84 100
86 65.7 45.4 84.4
49 101.1 66.3 123.1

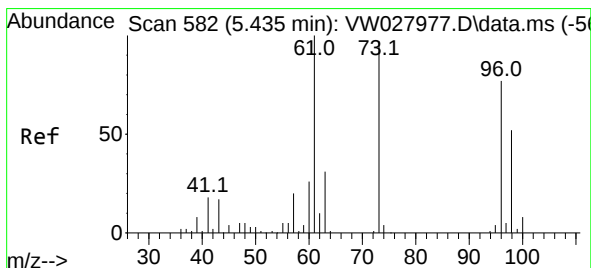
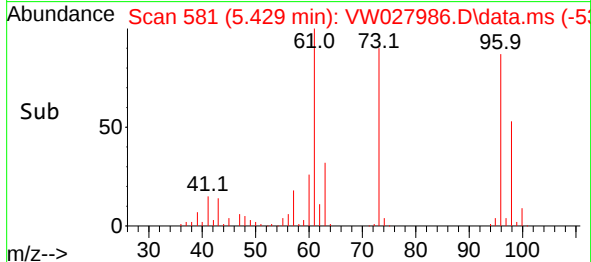
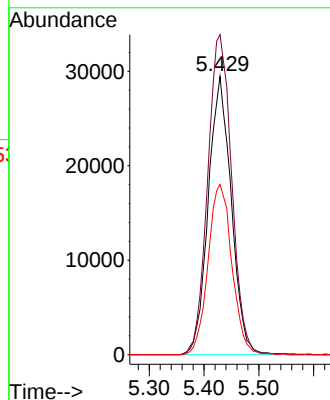
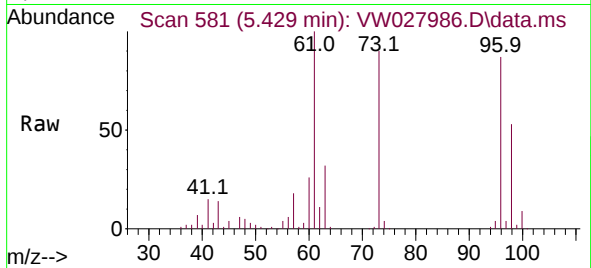




#17
trans-1,2-Dichloroethene
Concen: 22.757 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

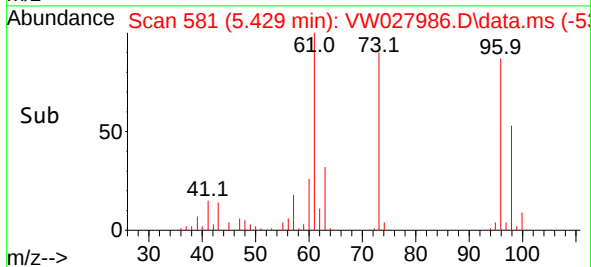
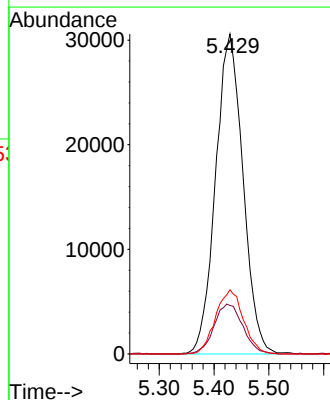
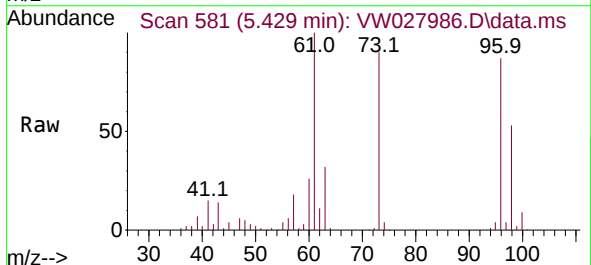
Instrument :
MSVOA_W
ClientSampleId :

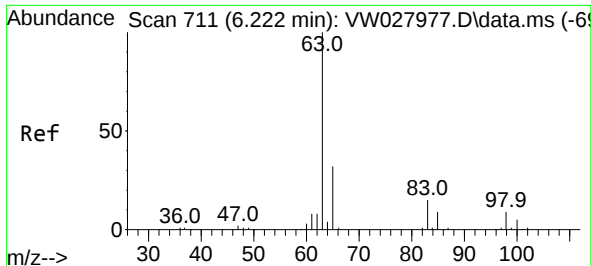
Tgt Ion: 96 Resp: 85828
Ion Ratio Lower Upper
96 100
61 115.0 80.1 148.7
98 61.2 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 23.715 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 73 Resp: 106034
Ion Ratio Lower Upper
73 100
43 16.5 13.4 20.0
57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.526 ug/L

RT: 6.222 min Scan# 711

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

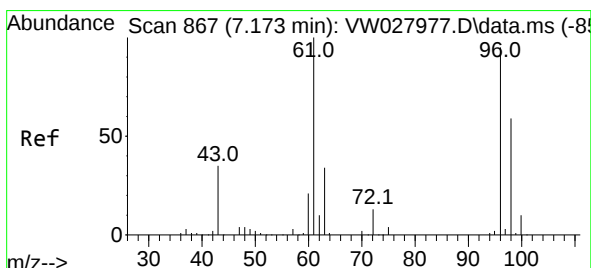
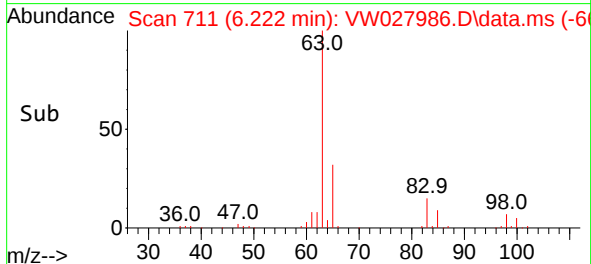
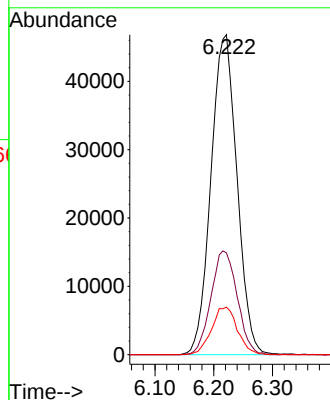
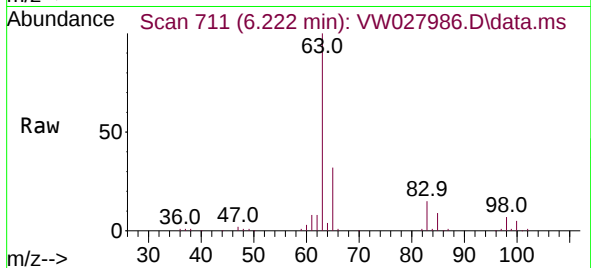
Tgt Ion: 63 Resp: 144142

Ion Ratio Lower Upper

63 100

65 31.8 23.1 42.9

83 14.8 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 24.328 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

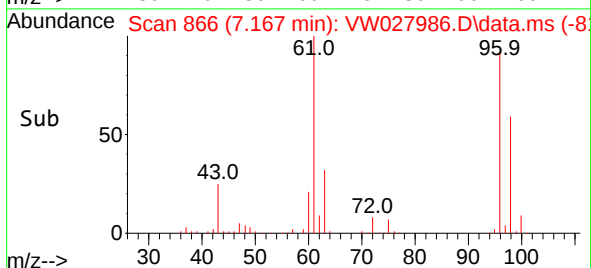
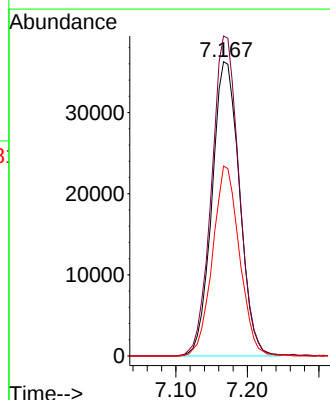
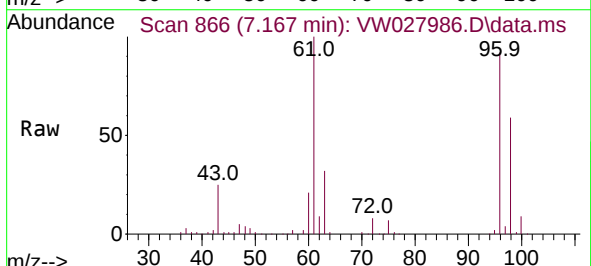
Tgt Ion: 96 Resp: 96890

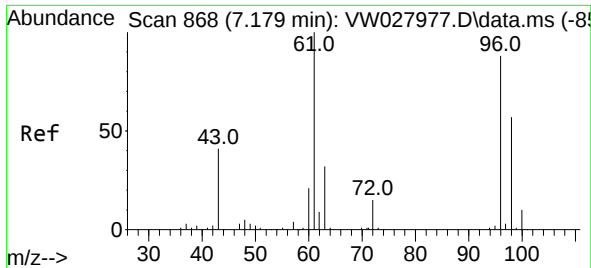
Ion Ratio Lower Upper

96 100

61 108.8 76.3 141.7

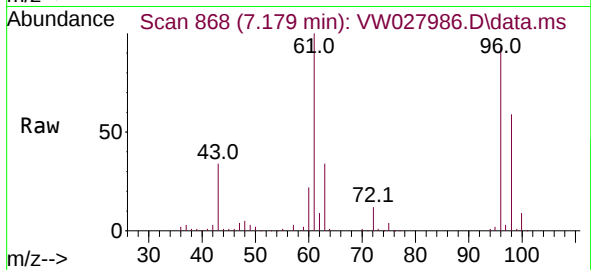
98 64.5 42.9 79.7



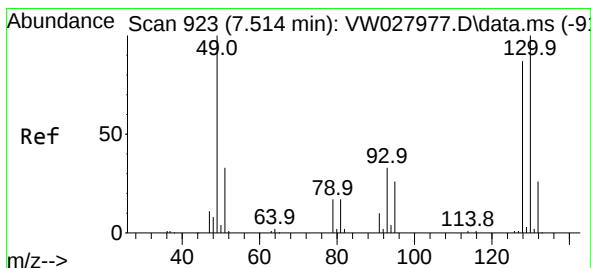
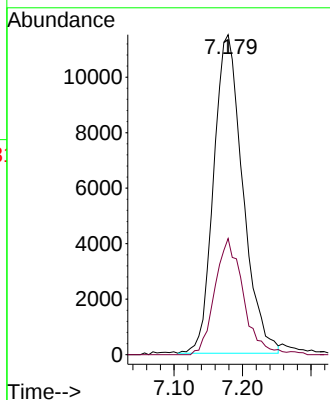
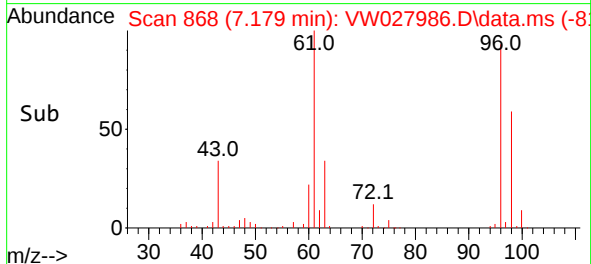


#22
2-Butanone
Concen: 51.566 ug/L
RT: 7.179 min Scan# 868
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

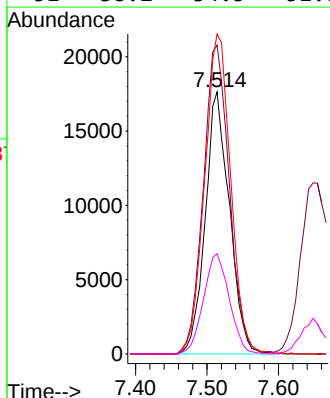
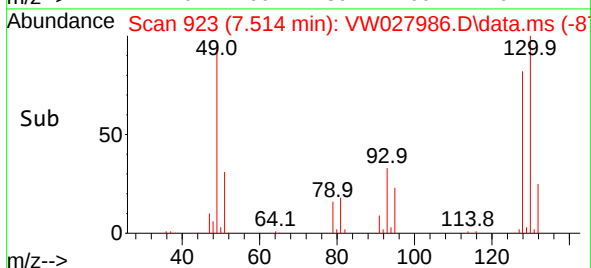
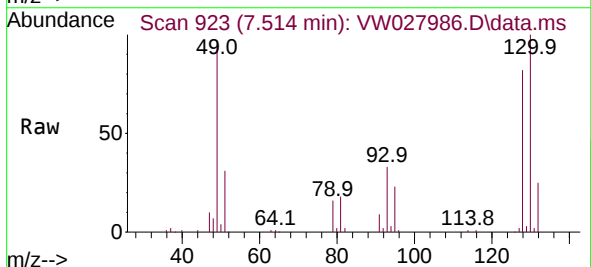


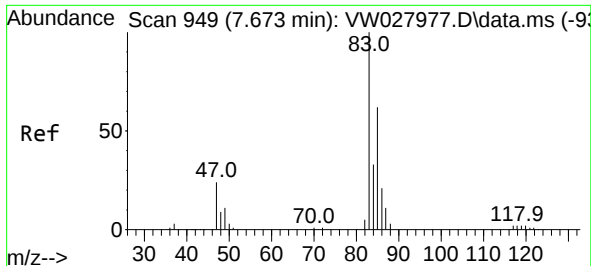
Tgt Ion: 43 Resp: 33851
Ion Ratio Lower Upper
43 100
72 35.5 17.0 50.9



#23
Bromochloromethane
Concen: 23.428 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 128 Resp: 41446
Ion Ratio Lower Upper
128 100
49 117.8 93.2 173.2
130 122.1 97.4 180.8
51 38.2 34.5 51.7

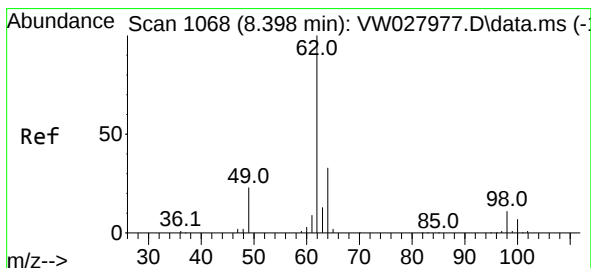
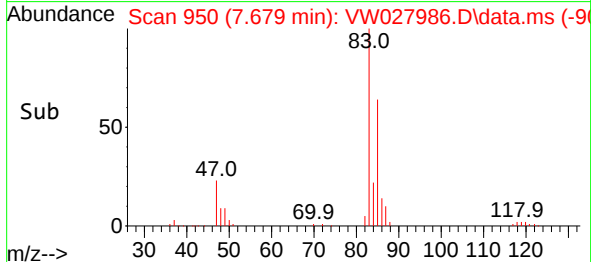
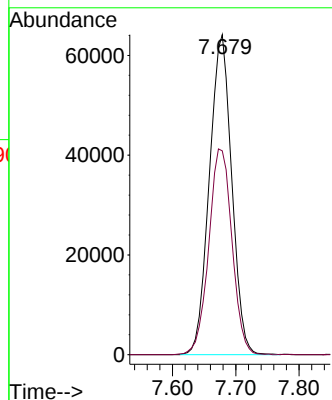
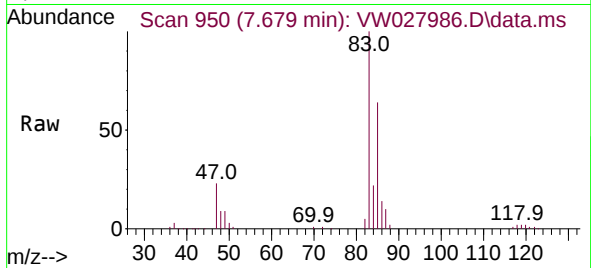




#25
Chloroform
Concen: 23.877 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

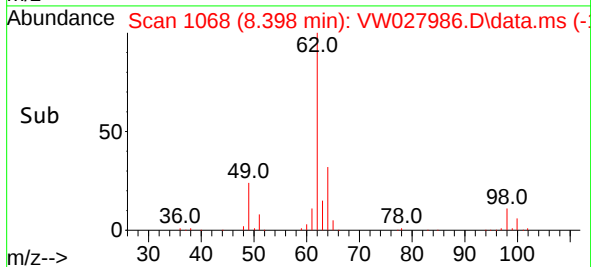
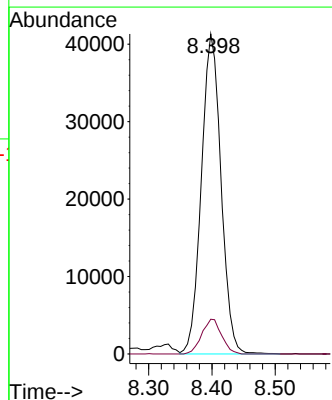
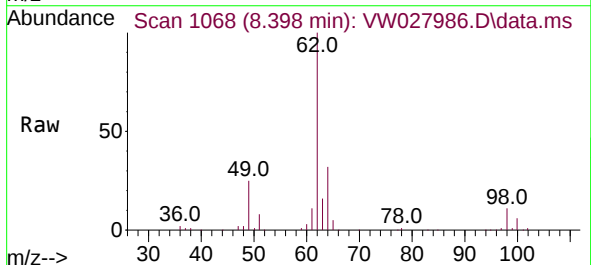
Instrument :
MSVOA_W
ClientSampleId :

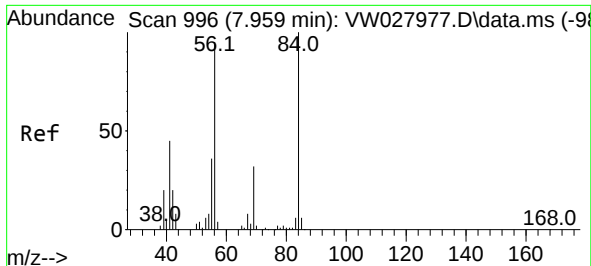
Tgt Ion: 83 Resp: 157271
Ion Ratio Lower Upper
83 100
85 63.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 24.388 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

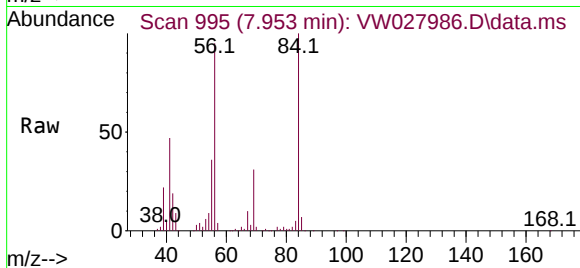
Tgt Ion: 62 Resp: 89455
Ion Ratio Lower Upper
62 100
98 10.8 9.4 14.2



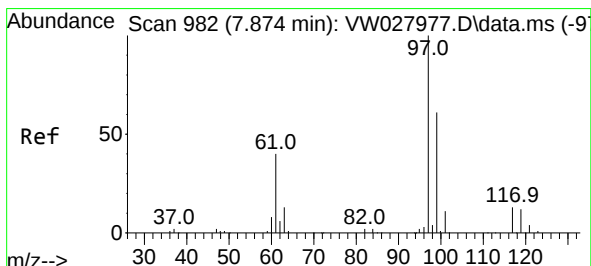
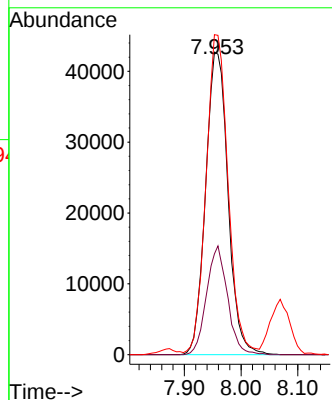
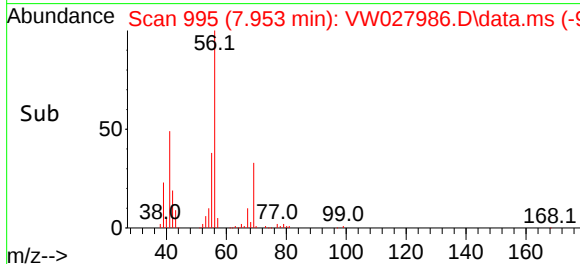


#29
Cyclohexane
Concen: 22.659 ug/L
RT: 7.953 min Scan# 995
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

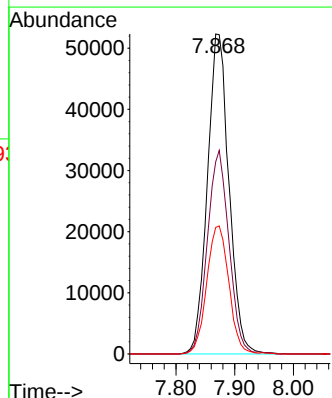
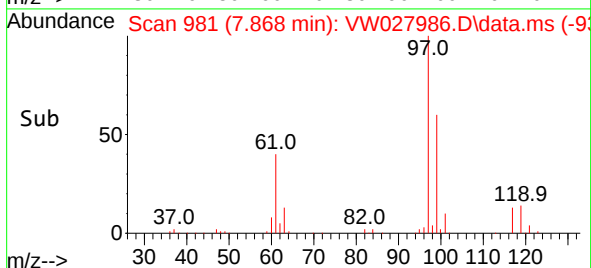
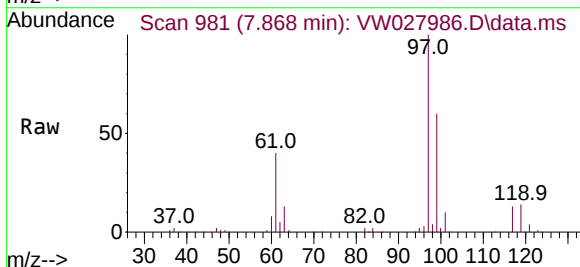


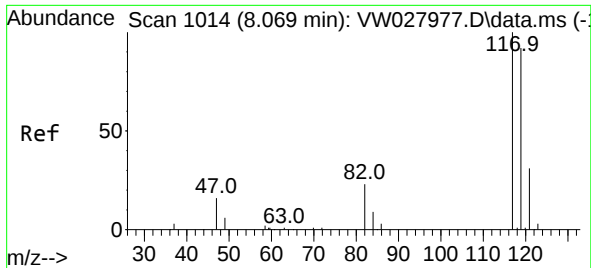
Tgt Ion: 56 Resp: 117197
Ion Ratio Lower Upper
56 100
69 33.5 26.3 39.5
84 104.5 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 23.882 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

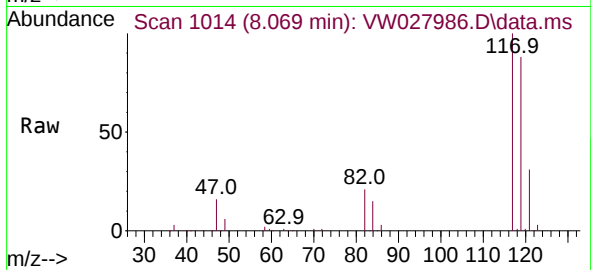
Tgt Ion: 97 Resp: 133782
Ion Ratio Lower Upper
97 100
99 63.4 51.4 77.0
61 40.9 32.9 49.3



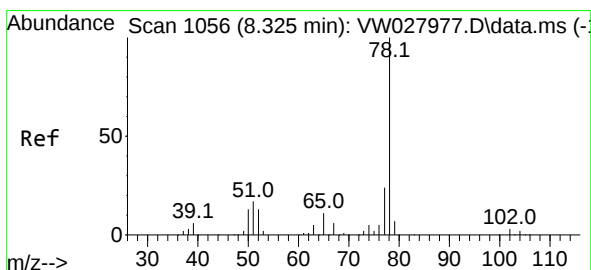
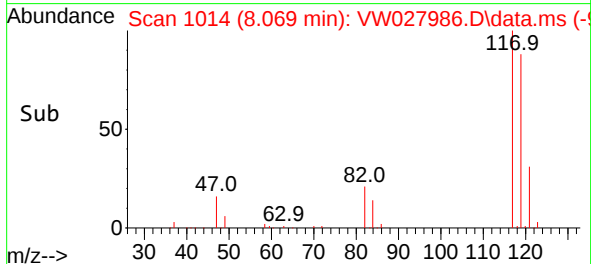
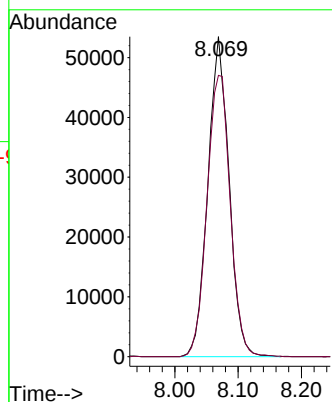


#31
Carbon tetrachloride
Concen: 24.019 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

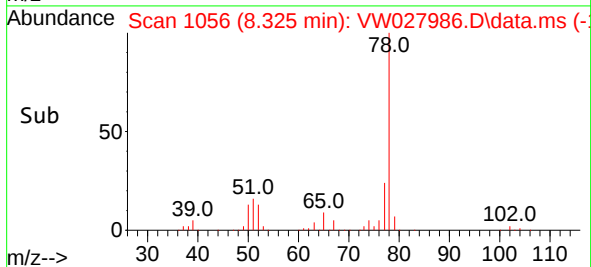
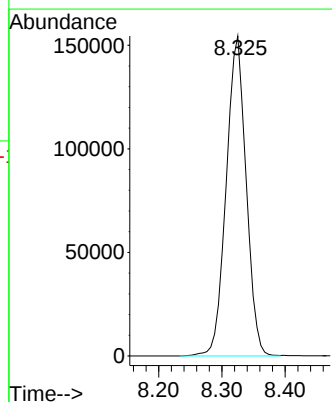
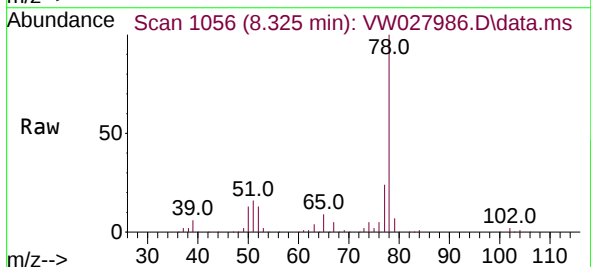


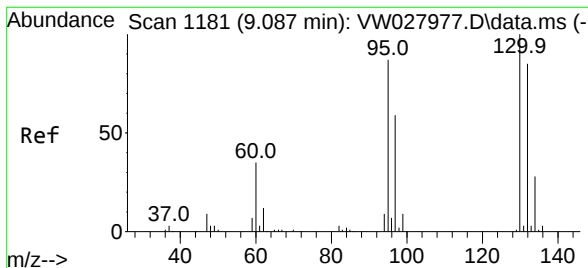
Tgt Ion:117 Resp: 124476
Ion Ratio Lower Upper
117 100
119 96.6 76.5 114.7



#33
Benzene
Concen: 23.298 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 78 Resp: 337677





#34

Trichloroethene

Concen: 22.783 ug/L

RT: 9.087 min Scan# 1181

Delta R.T. -0.000 min

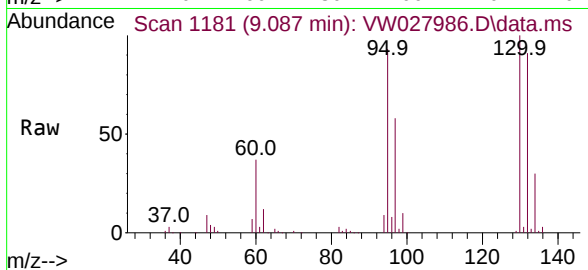
Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 94795

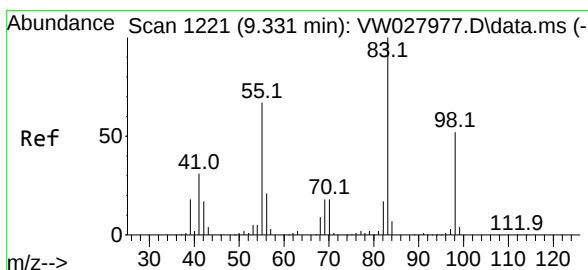
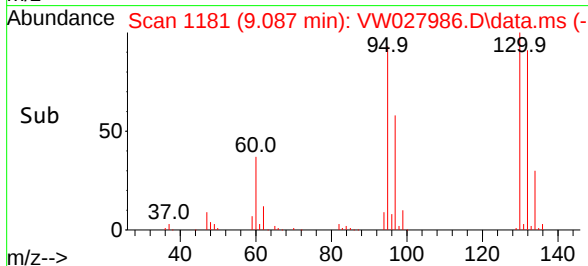
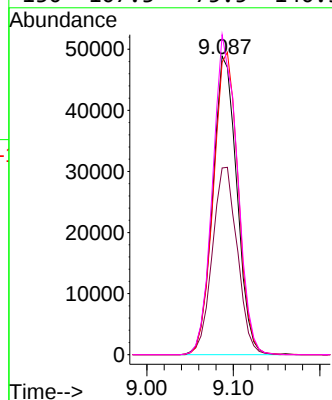
Ion Ratio Lower Upper

95 100

97 62.6 44.3 82.3

132 98.0 68.0 126.2

130 107.3 75.5 140.3



#35

Methylcyclohexane

Concen: 23.042 ug/L

RT: 9.337 min Scan# 1222

Delta R.T. 0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

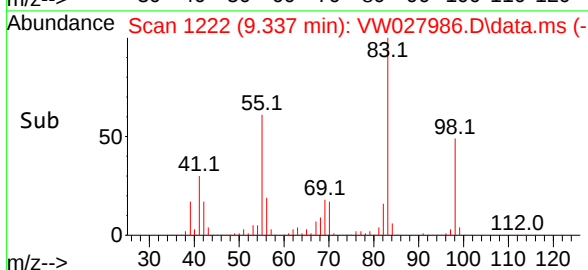
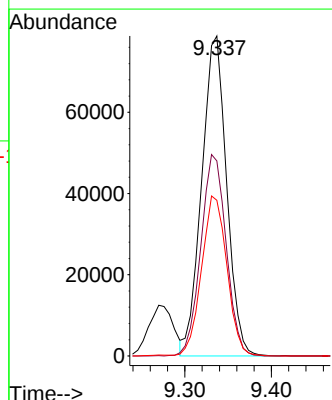
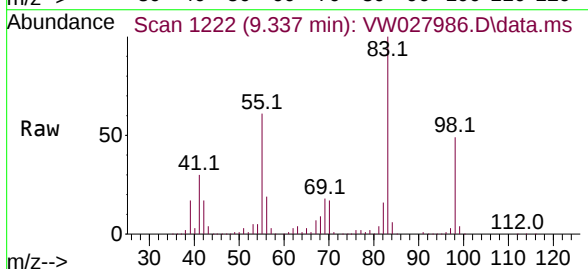
Tgt Ion: 83 Resp: 157762

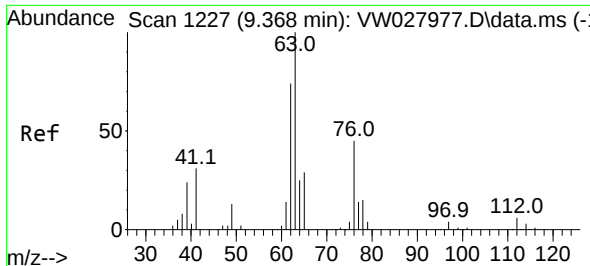
Ion Ratio Lower Upper

83 100

55 63.9 52.3 78.5

98 50.8 41.9 62.9





#37

1,2-Dichloropropane

Concen: 23.879 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

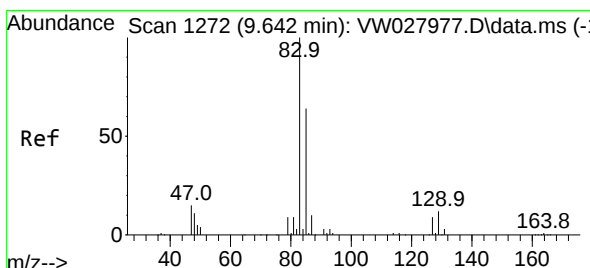
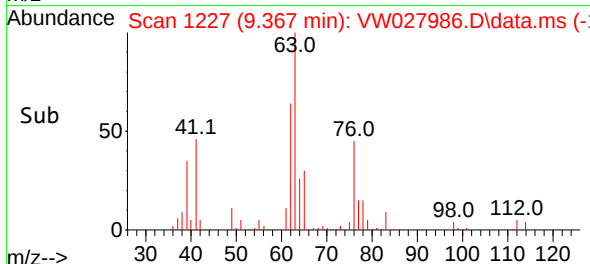
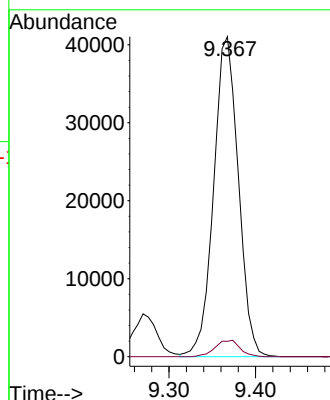
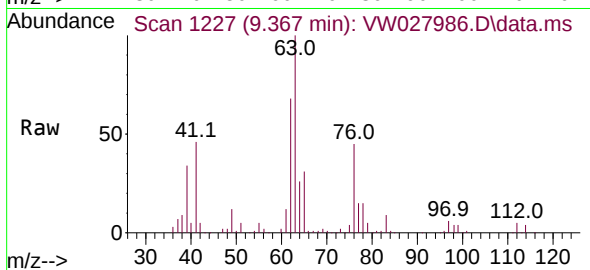
ClientSampleId :

Tgt Ion: 63 Resp: 81329

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 24.414 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

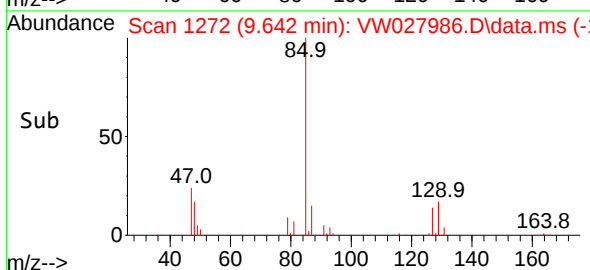
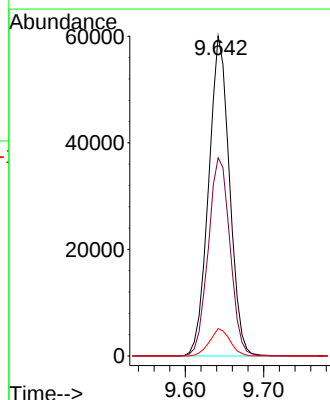
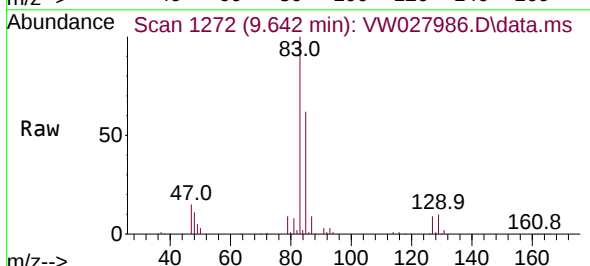
Tgt Ion: 83 Resp: 110990

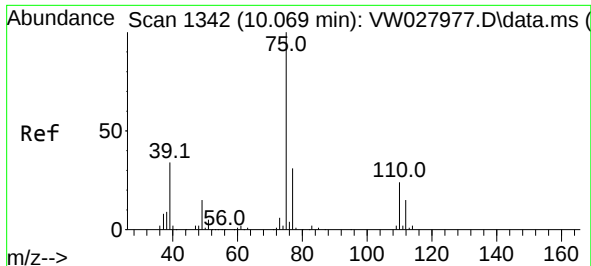
Ion Ratio Lower Upper

83 100

85 61.9 44.7 83.1

127 8.6 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 24.065 ug/L

RT: 10.069 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

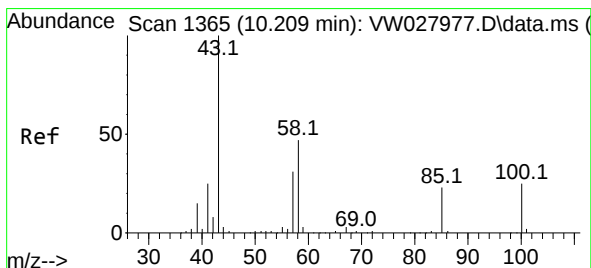
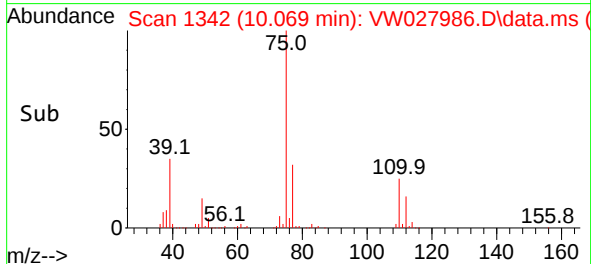
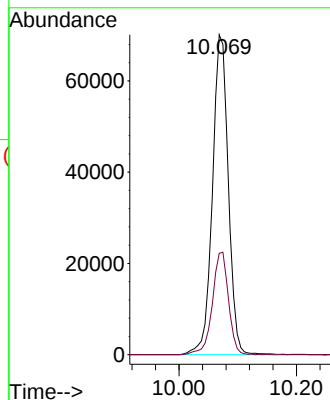
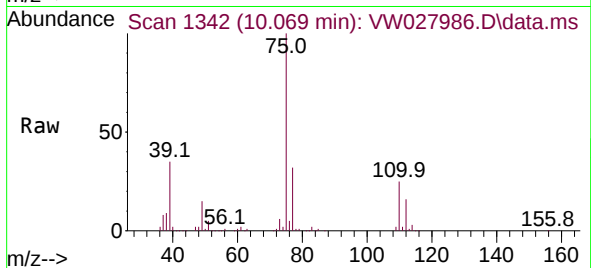
ClientSampleId :

Tgt Ion: 75 Resp: 131373

Ion Ratio Lower Upper

75 100

77 31.7 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 50.468 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

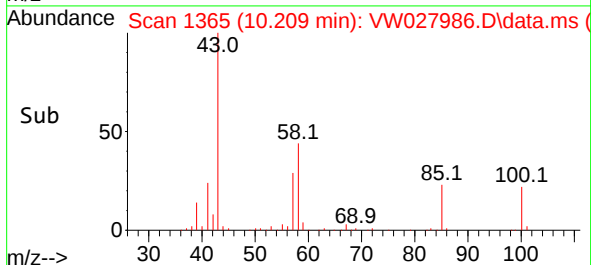
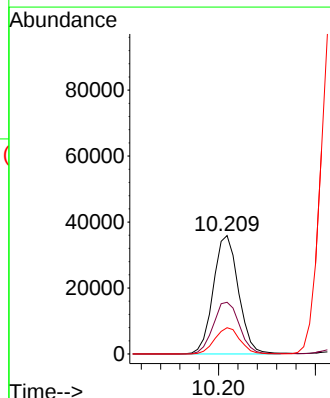
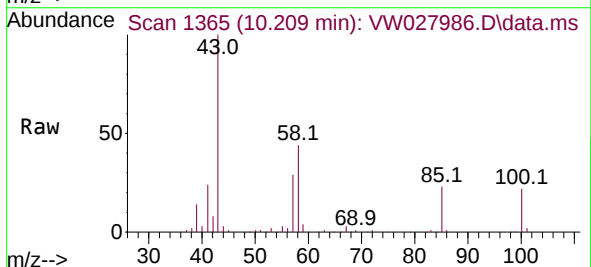
Tgt Ion: 43 Resp: 64876

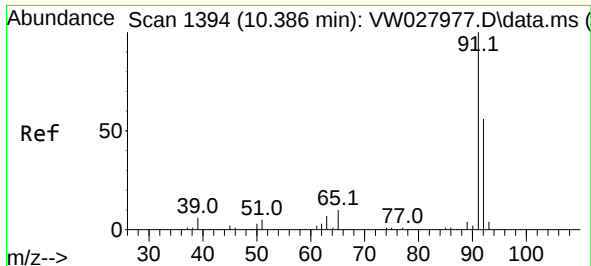
Ion Ratio Lower Upper

43 100

58 45.4 36.7 55.1

100 22.1 18.4 27.6

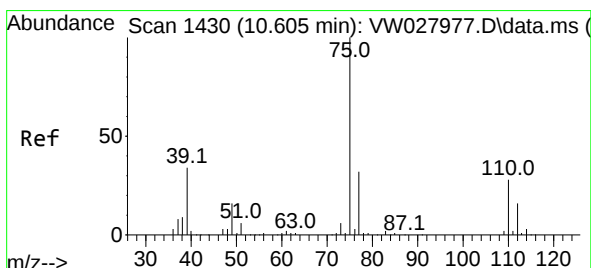
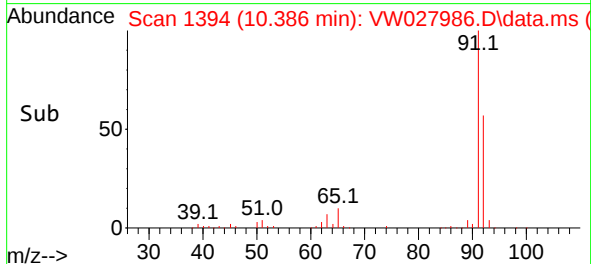
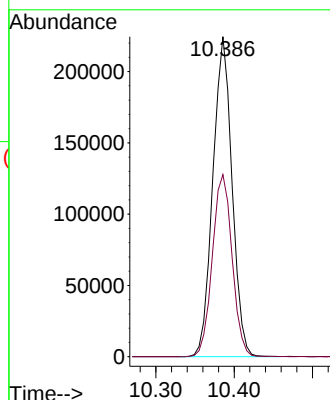
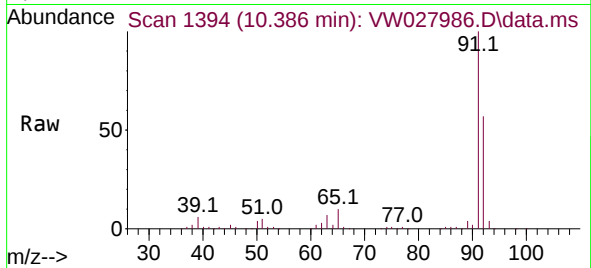




#42
Toluene
Concen: 23.504 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

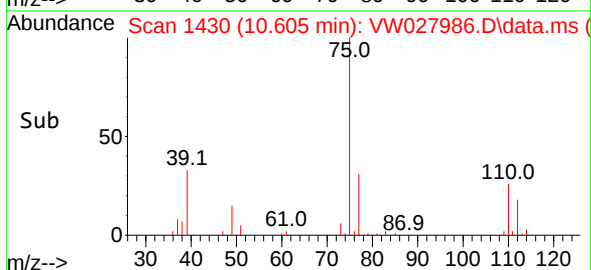
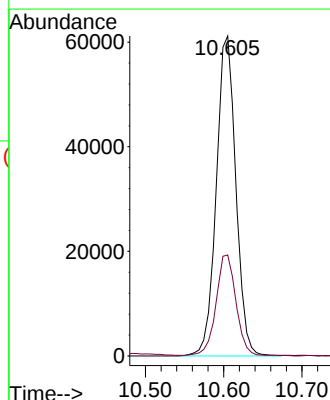
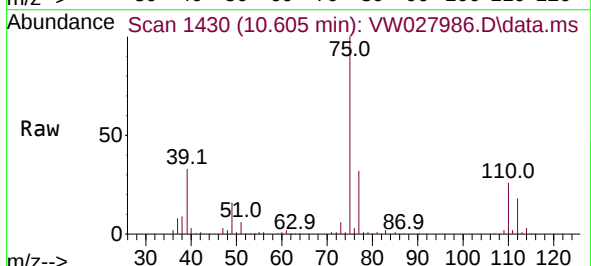
Instrument :
MSVOA_W
ClientSampleId :

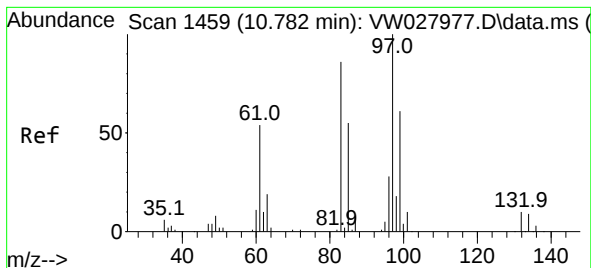
Tgt Ion: 91 Resp: 381958
Ion Ratio Lower Upper
91 100
92 56.9 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 24.521 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 75 Resp: 106245
Ion Ratio Lower Upper
75 100
77 31.5 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 24.308 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 65529

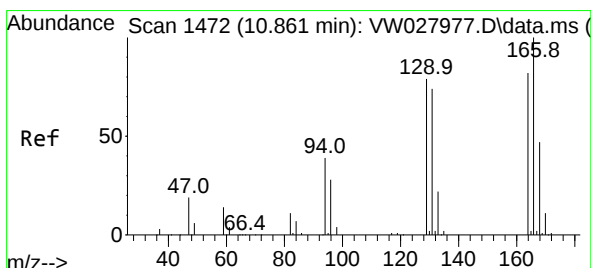
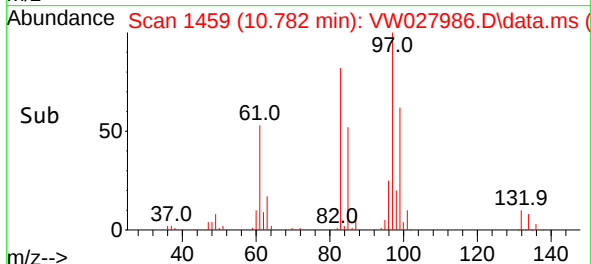
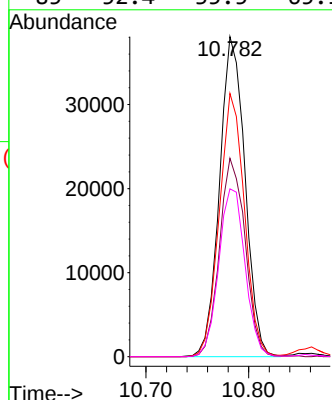
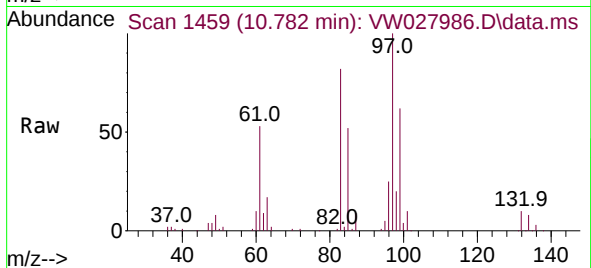
Ion Ratio Lower Upper

97 100

99 62.0 43.3 80.5

83 82.2 57.2 106.2

85 52.4 35.5 65.9



#46

Tetrachloroethene

Concen: 22.480 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Tgt Ion:164 Resp: 78701

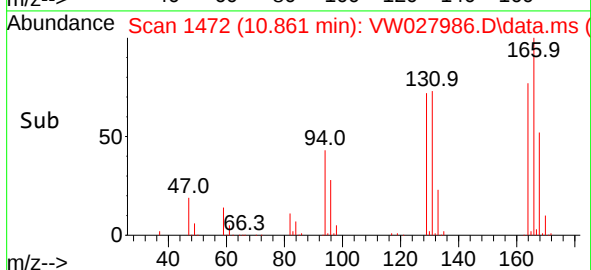
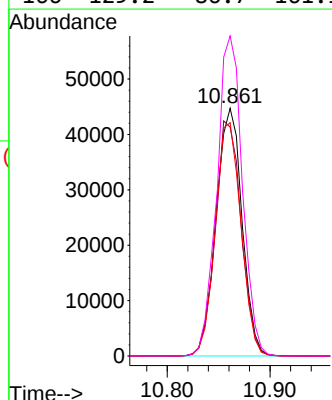
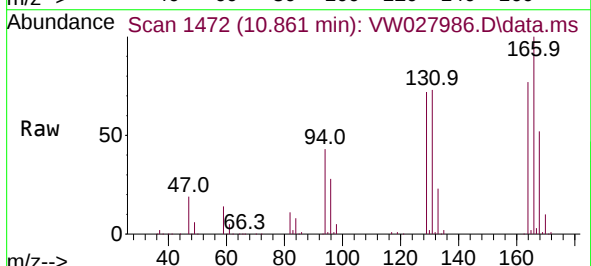
Ion Ratio Lower Upper

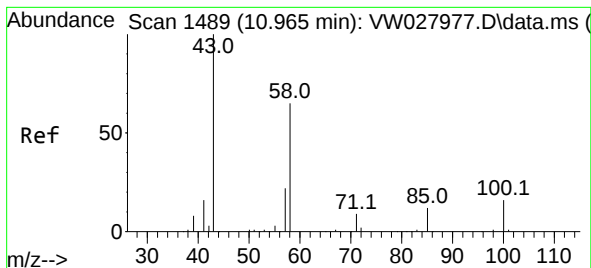
164 100

129 92.4 59.4 110.2

131 94.2 65.0 120.6

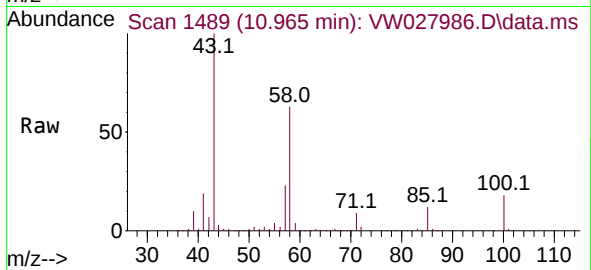
166 129.2 86.7 161.1



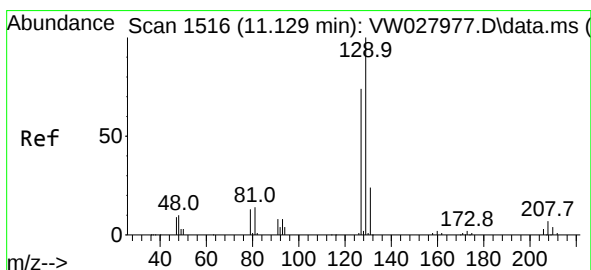
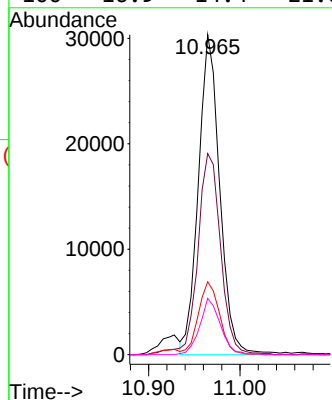
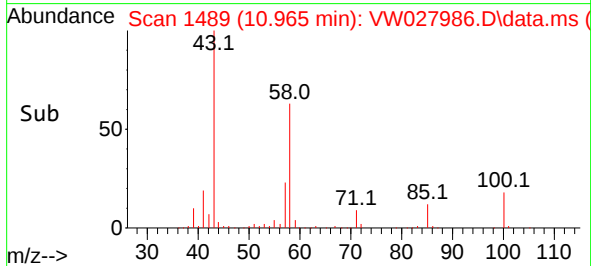


#48
2-Hexanone
Concen: 50.697 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

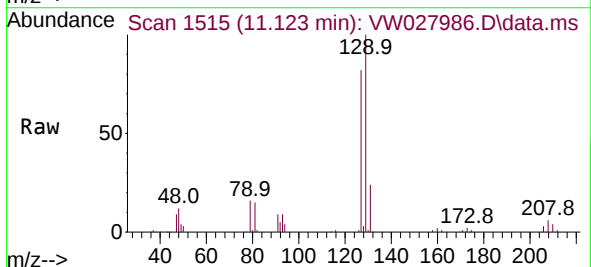
Instrument :
MSVOA_W
ClientSampleId :



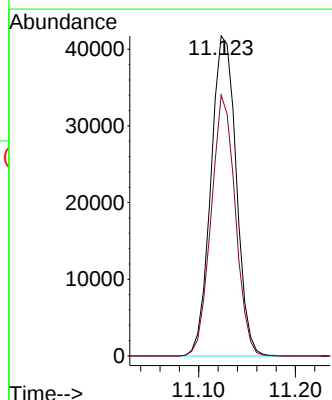
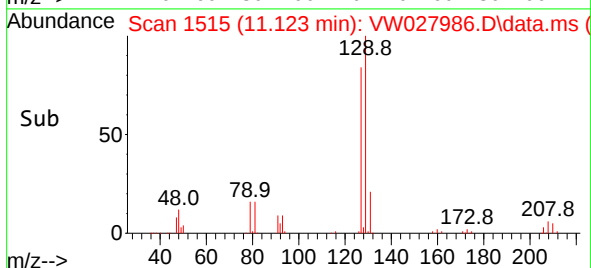
Tgt Ion:	43	Resp:	49362
Ion	Ratio	Lower	Upper
43	100		
58	67.3	51.4	77.2
57	22.6	17.4	26.2
100	16.9	14.4	21.6

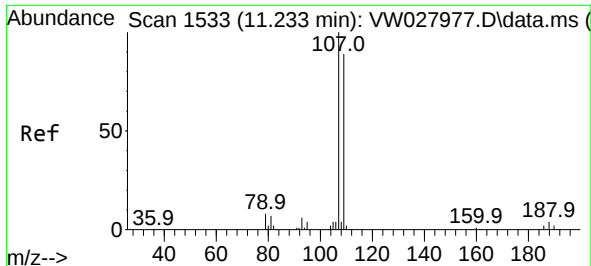


#49
Dibromochloromethane
Concen: 24.709 ug/L
RT: 11.123 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11



Tgt Ion:	129	Resp:	75940
Ion	Ratio	Lower	Upper
129	100		
127	81.5	49.6	92.0





#50

1,2-Dibromoethane

Concen: 23.929 ug/L

RT: 11.233 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW027986.D

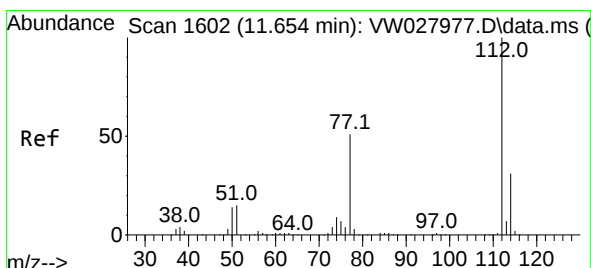
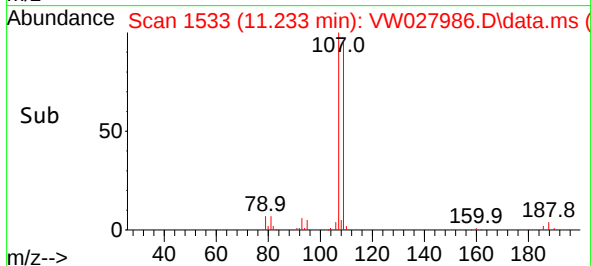
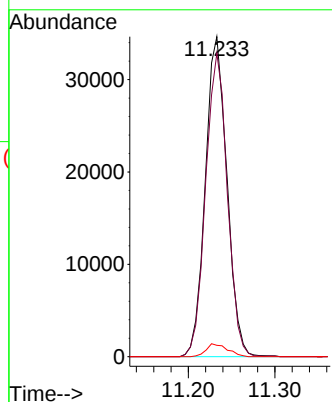
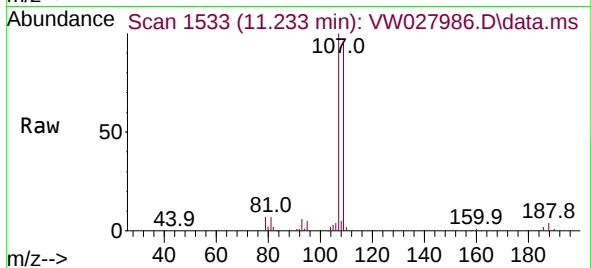
Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	60213
Ion Ratio	Lower	Upper
107	100	
109	94.8	71.2 132.2
188	3.5	3.1 4.7



#51

Chlorobenzene

Concen: 23.114 ug/L

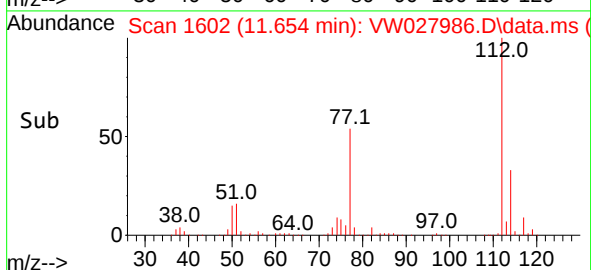
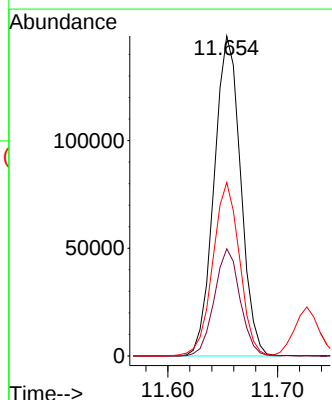
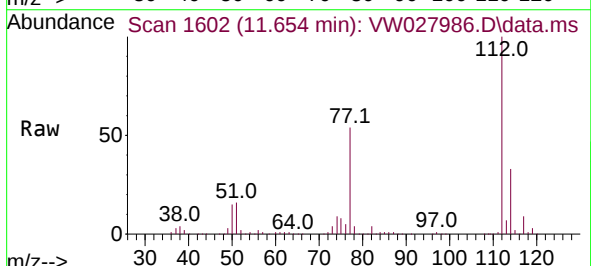
RT: 11.654 min Scan# 1602

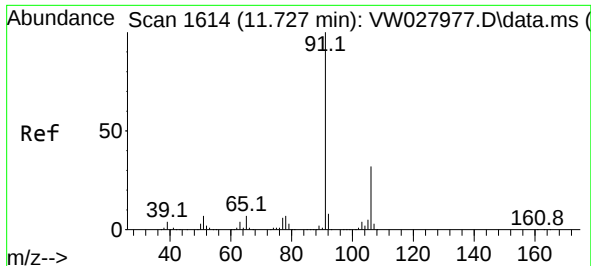
Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Tgt Ion:112	Resp:	249824
Ion Ratio	Lower	Upper
112	100	
114	33.5	22.7 42.3
77	54.2	42.6 64.0

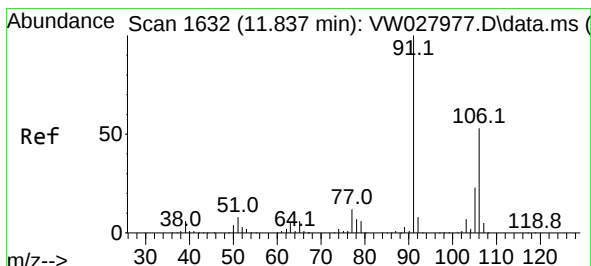
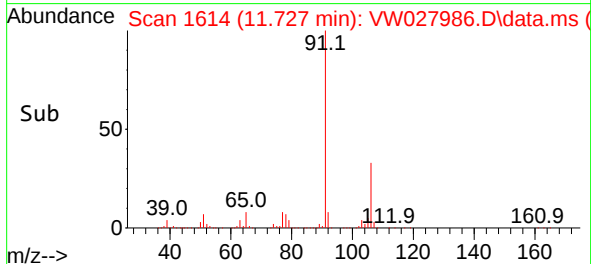
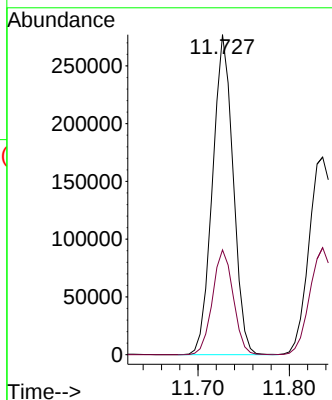
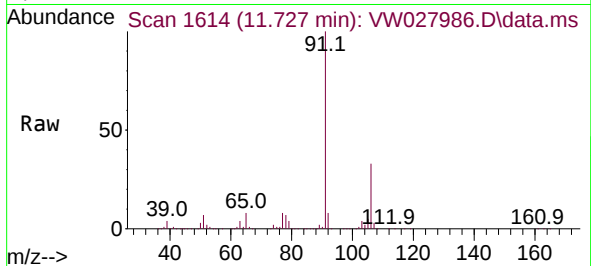




#52
Ethylbenzene
Concen: 23.696 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

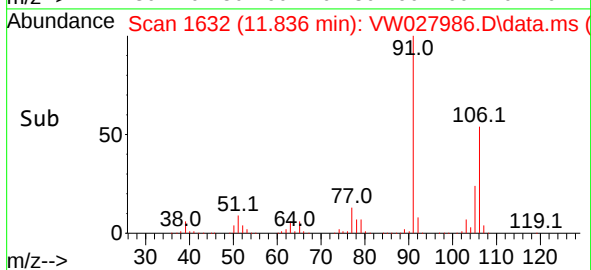
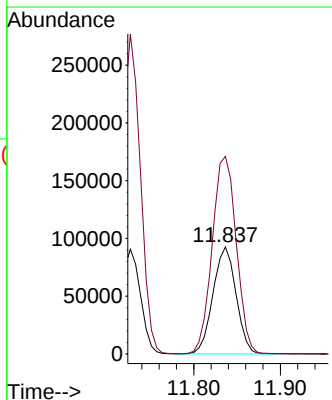
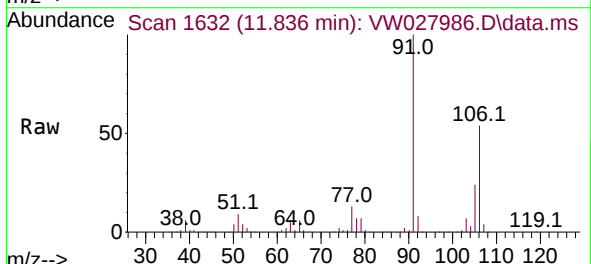
Instrument :
MSVOA_W
ClientSampleId :

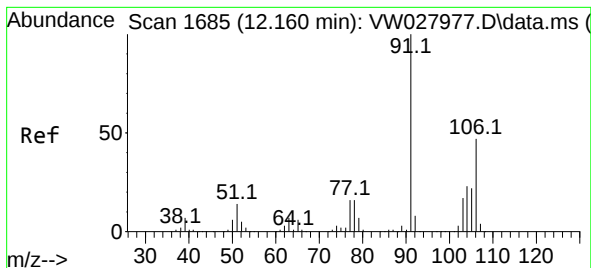
Tgt Ion: 91 Resp: 434155
Ion Ratio Lower Upper
91 100
106 32.7 22.8 42.4



#53
m,p-Xylene
Concen: 23.805 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 106 Resp: 171050
Ion Ratio Lower Upper
106 100
91 184.7 130.0 241.4





#54

o-Xylene

Concen: 24.247 ug/L

RT: 12.160 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

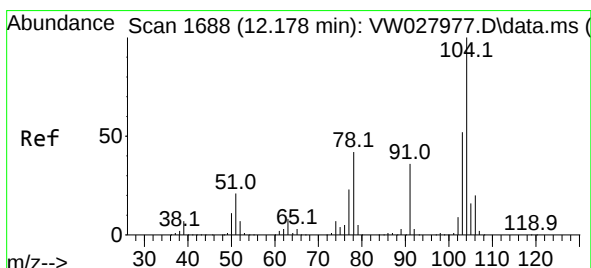
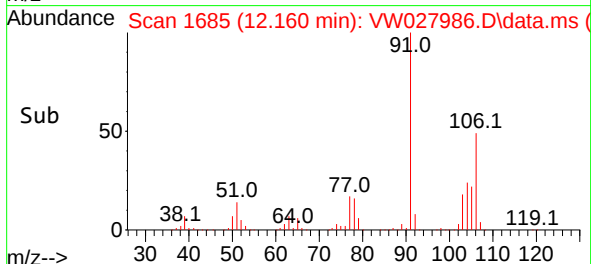
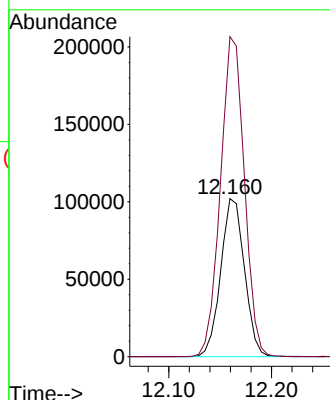
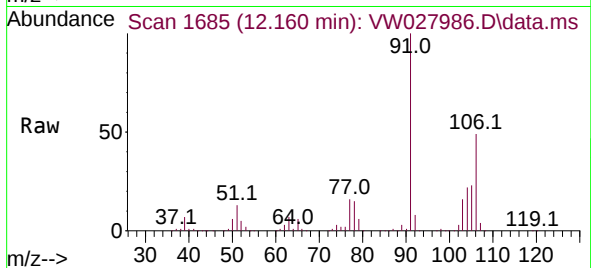
ClientSampleId :

Tgt Ion:106 Resp: 163405

Ion Ratio Lower Upper

106 100

91 202.4 146.4 272.0



#55

Styrene

Concen: 24.475 ug/L

RT: 12.178 min Scan# 1688

Delta R.T. -0.000 min

Lab File: VW027986.D

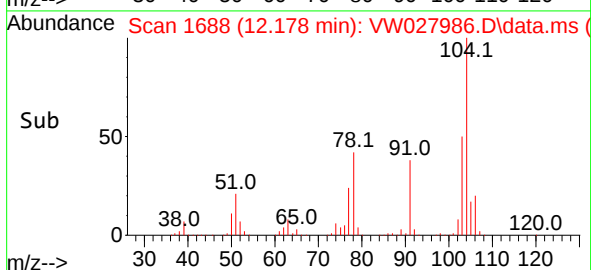
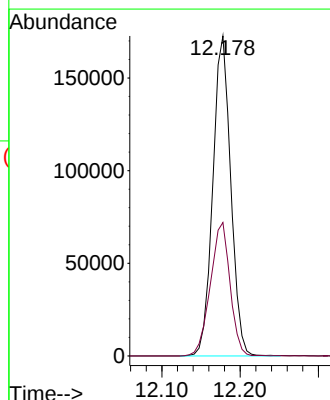
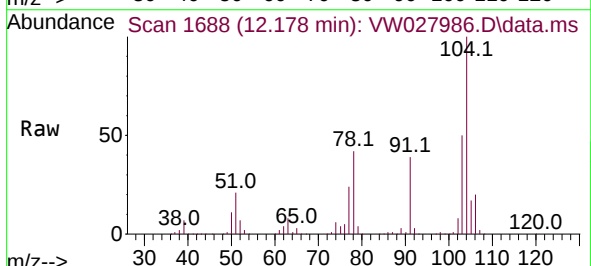
Acq: 12 Feb 2024 09:11

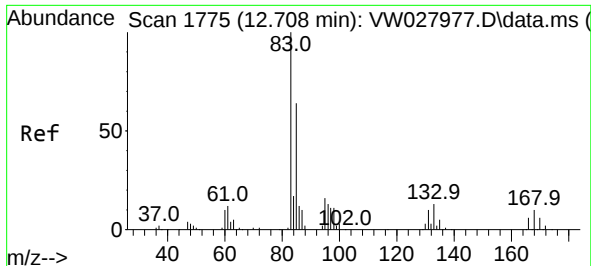
Tgt Ion:104 Resp: 274731

Ion Ratio Lower Upper

104 100

78 41.7 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 24.342 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VW027986.D

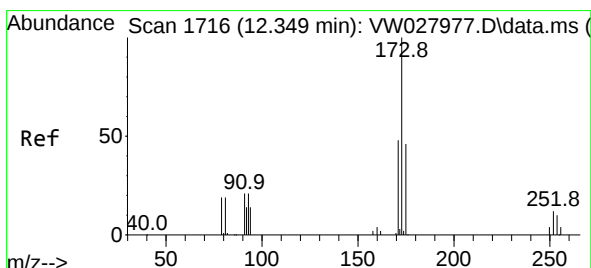
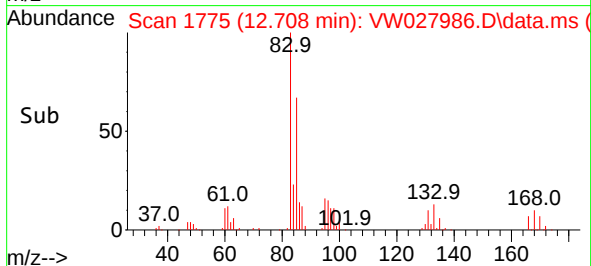
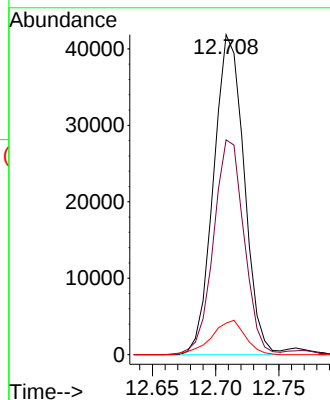
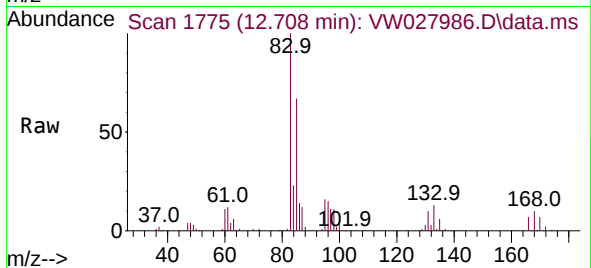
Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	70271
Ion	Ratio	Lower	Upper
83	100		
85	67.2	42.9	79.7
131	9.9	8.7	13.1



#59

Bromoform

Concen: 25.013 ug/L

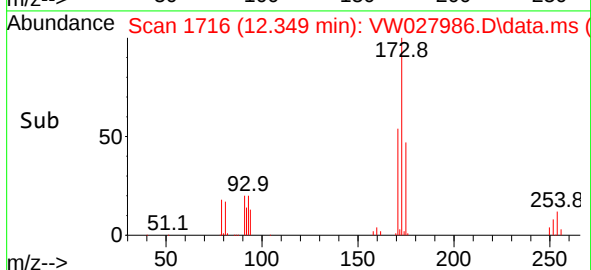
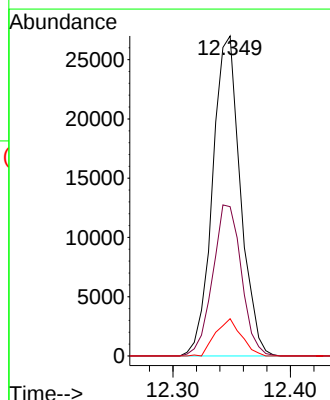
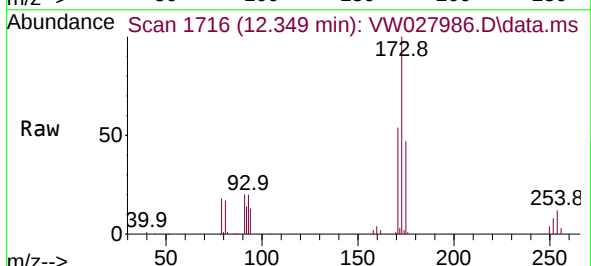
RT: 12.349 min Scan# 1716

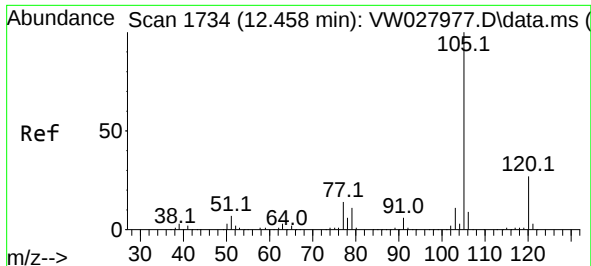
Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

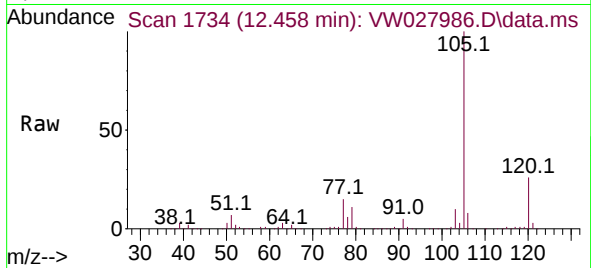
Tgt Ion:	173	Resp:	44410
Ion	Ratio	Lower	Upper
173	100		
175	48.7	37.8	56.8
254	10.8	8.4	12.6



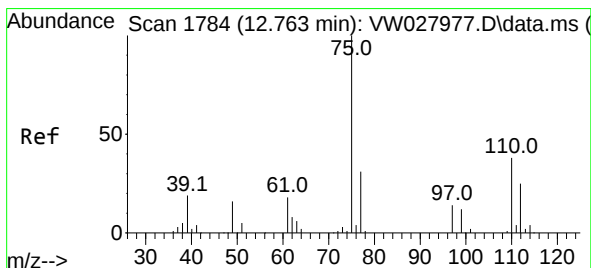
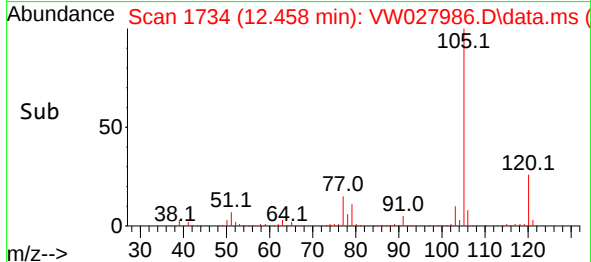
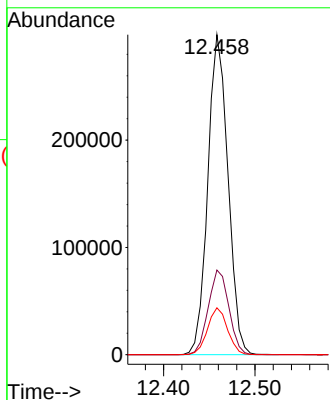


#60
Isopropylbenzene
Concen: 24.326 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Instrument :
MSVOA_W
ClientSampleId :

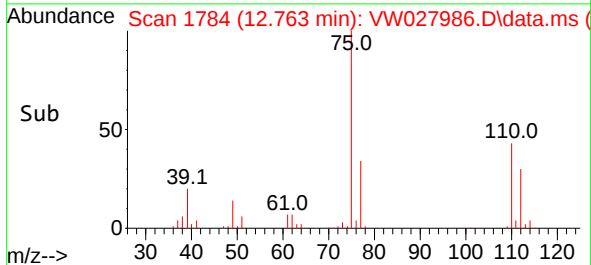
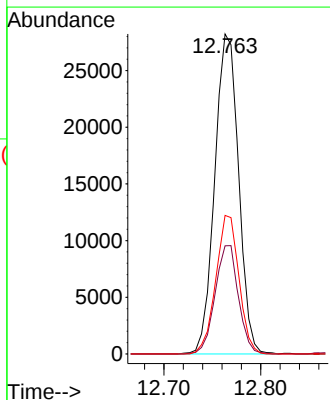
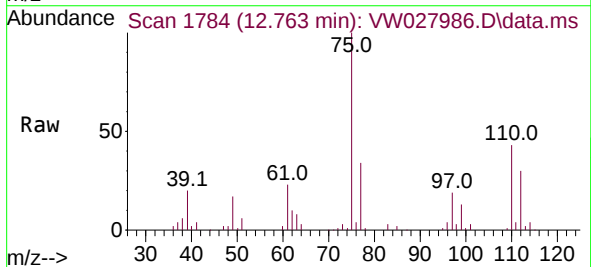


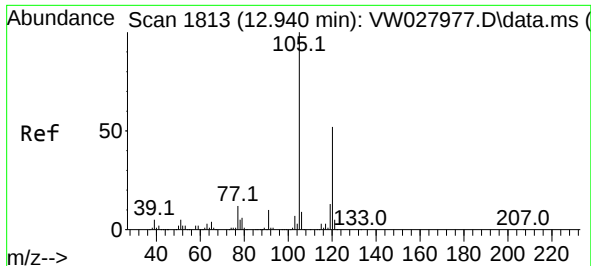
Tgt Ion:105 Resp: 456884
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.2
77 14.6 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 24.019 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion: 75 Resp: 48218
Ion Ratio Lower Upper
75 100
77 33.1 26.5 39.7
110 42.0 35.8 53.8

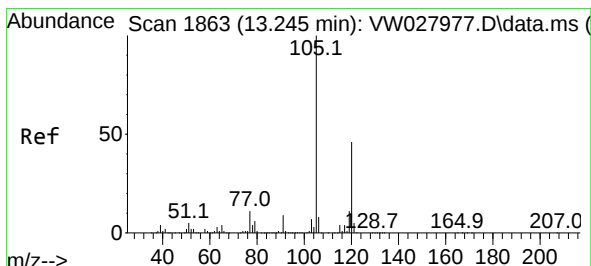
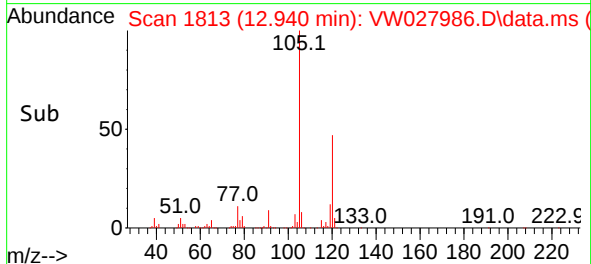
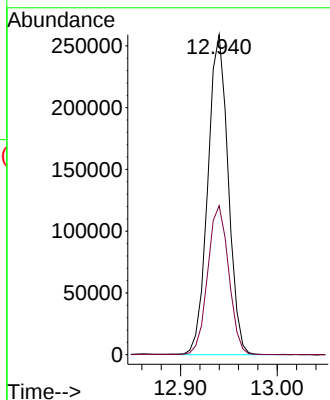
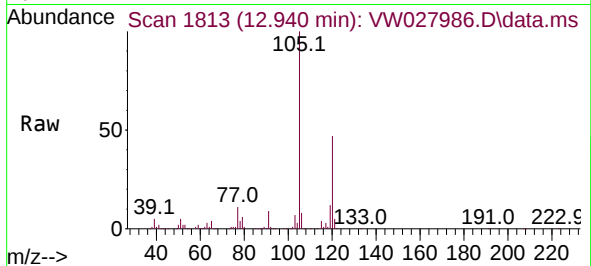




#62
1,3,5-Trimethylbenzene
Concen: 25.253 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

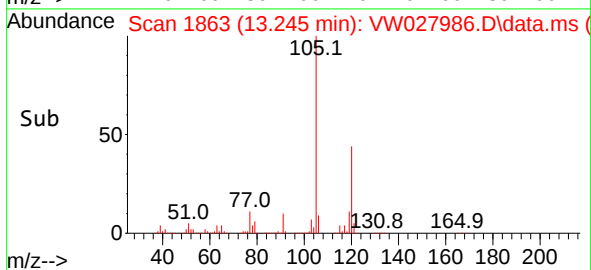
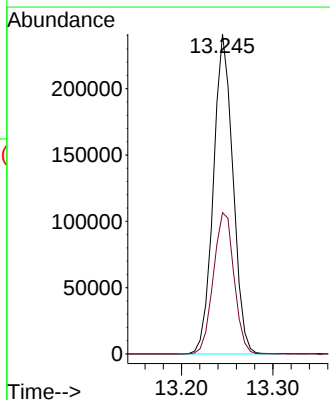
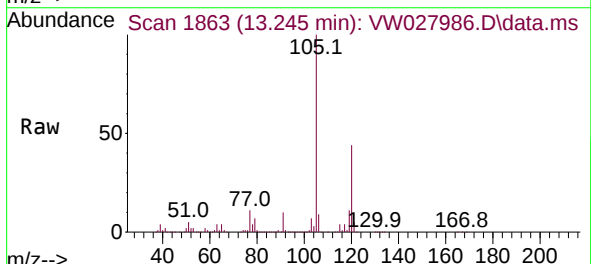
Instrument :
MSVOA_W
ClientSampleId :

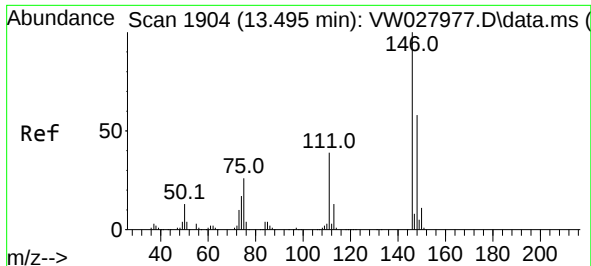
Tgt Ion:105 Resp: 379551
Ion Ratio Lower Upper
105 100
120 48.0 40.3 60.5



#63
1,2,4-Trimethylbenzene
Concen: 24.412 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion:105 Resp: 359034
Ion Ratio Lower Upper
105 100
120 46.6 36.4 54.6

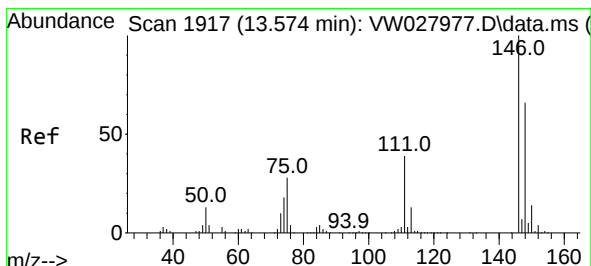
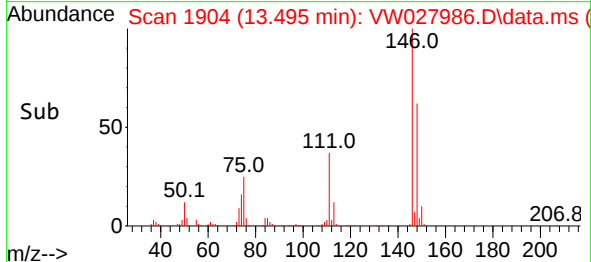
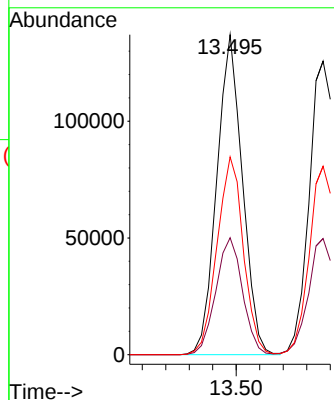
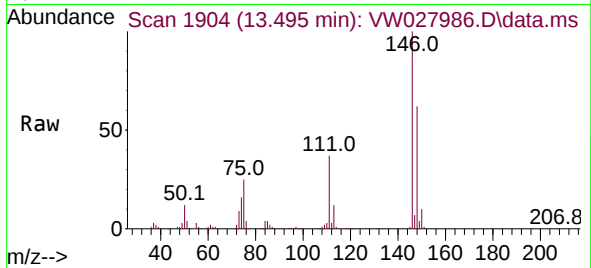




#64
1,3-Dichlorobenzene
Concen: 24.083 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

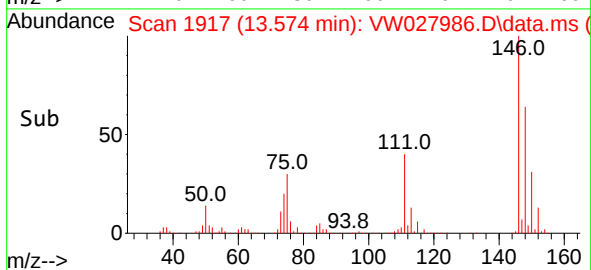
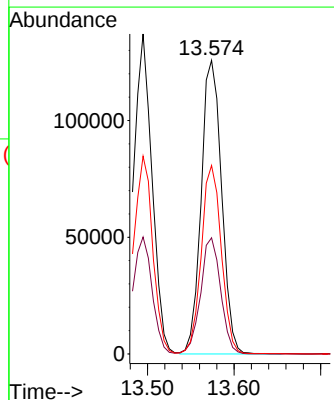
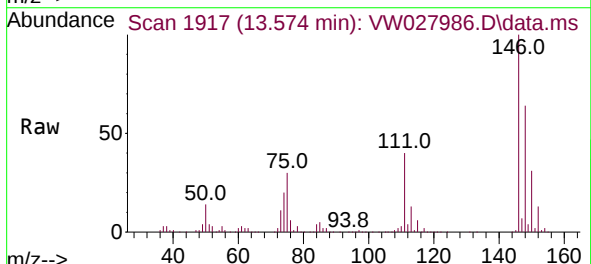
Instrument :
MSVOA_W
ClientSampleId :

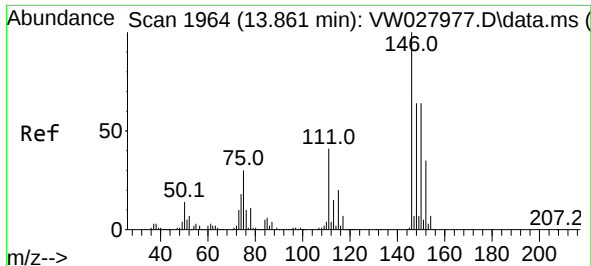
Tgt Ion:146 Resp: 207787
Ion Ratio Lower Upper
146 100
111 36.6 26.9 49.9
148 61.8 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 23.484 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW027986.D
Acq: 12 Feb 2024 09:11

Tgt Ion:146 Resp: 206014
Ion Ratio Lower Upper
146 100
111 39.5 24.1 44.8
148 64.2 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 24.022 ug/L

RT: 13.867 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

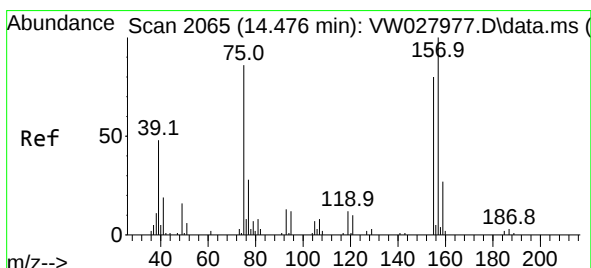
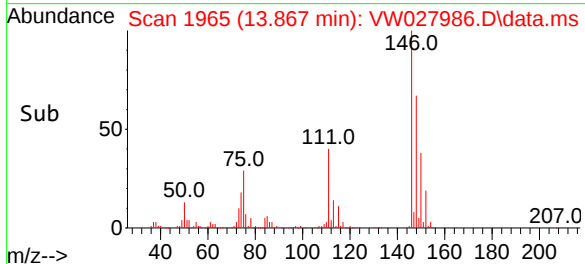
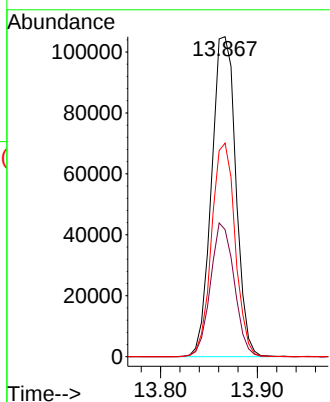
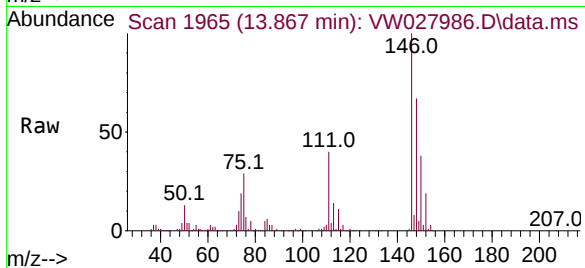
Tgt Ion:146 Resp: 183059

Ion Ratio Lower Upper

146 100

111 39.7 30.6 46.0

148 66.7 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.085 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

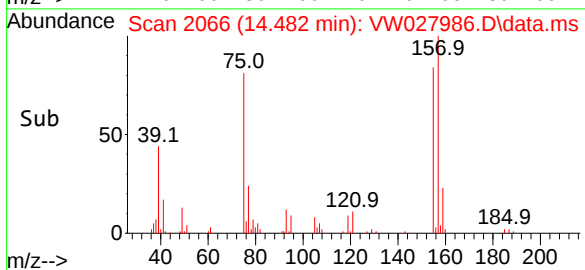
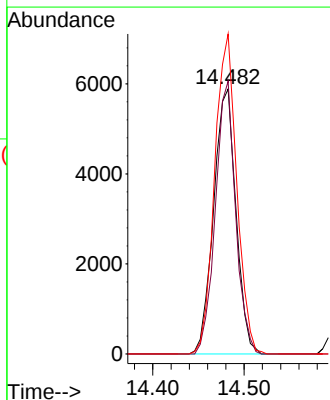
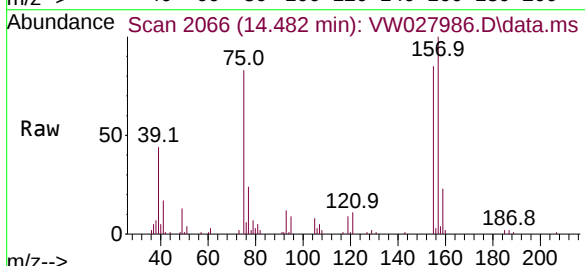
Tgt Ion: 75 Resp: 9998

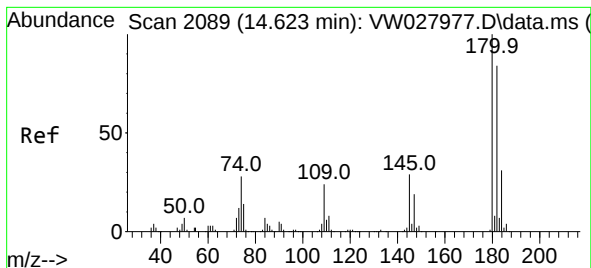
Ion Ratio Lower Upper

75 100

155 103.0 68.7 103.1

157 120.8 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 24.374 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

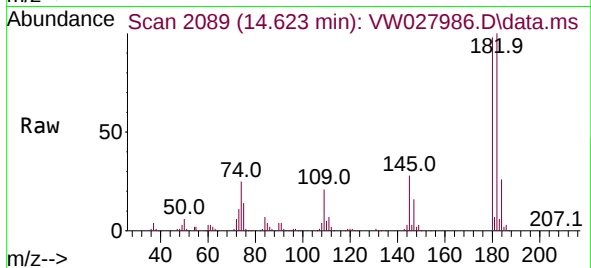
Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 151011

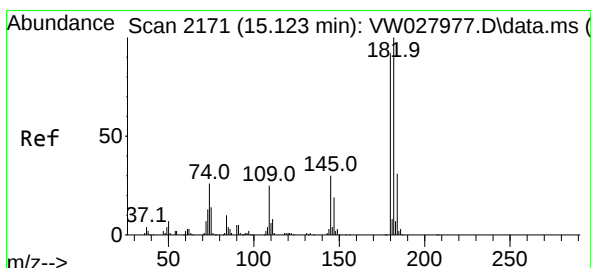
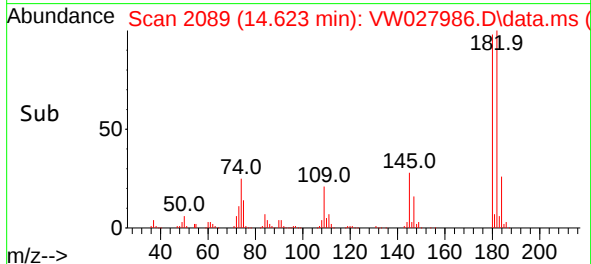
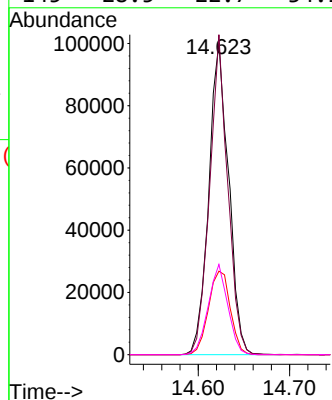
Ion Ratio Lower Upper

180 100

182 93.6 72.1 108.1

184 29.5 24.4 36.6

145 28.5 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 24.342 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

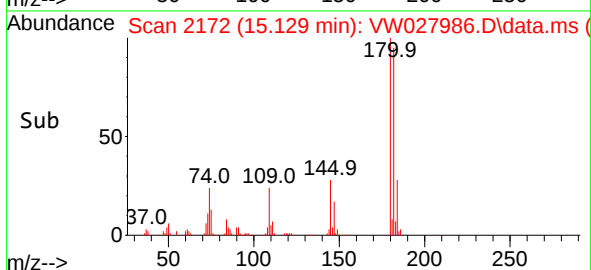
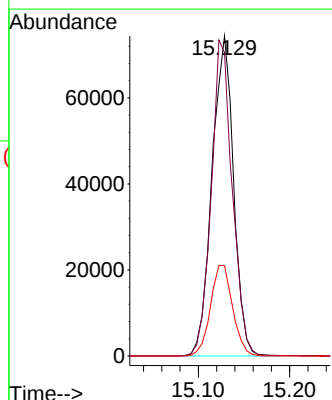
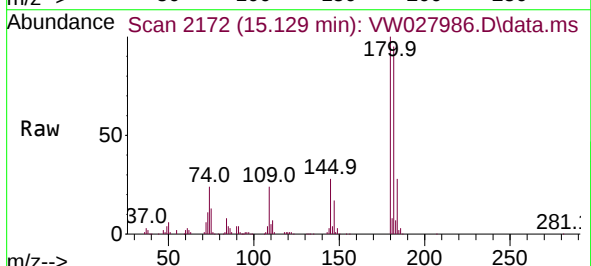
Tgt Ion:180 Resp: 121785

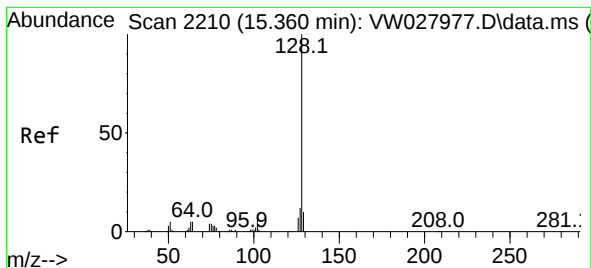
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

145 29.1 23.4 35.0





#71

Naphthalene

Concen: 25.328 ug/L

RT: 15.354 min Scan# 2210

Delta R.T. -0.006 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Instrument :

MSVOA_W

ClientSampleId :

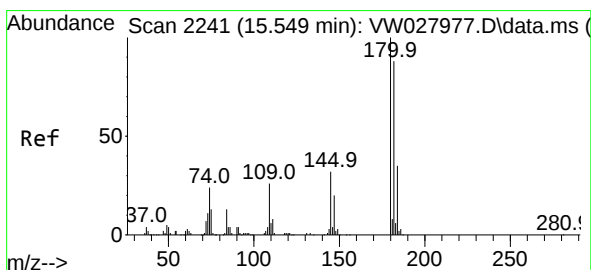
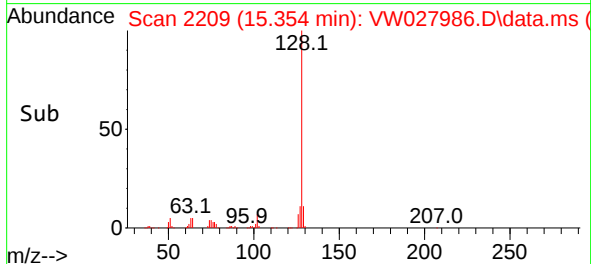
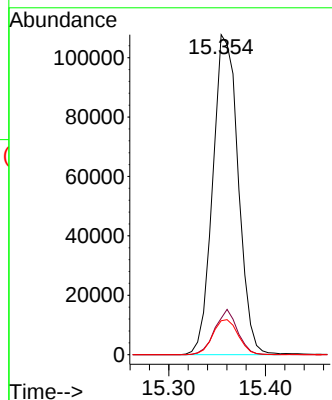
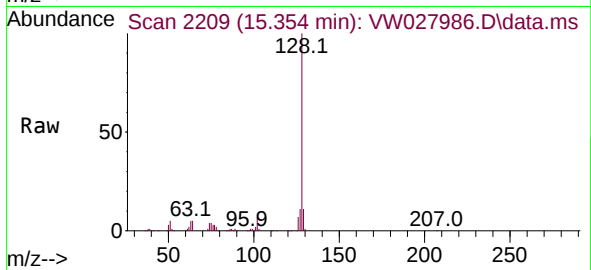
Tgt Ion:128 Resp: 196915

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 11.0 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 24.087 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. -0.000 min

Lab File: VW027986.D

Acq: 12 Feb 2024 09:11

Tgt Ion:180 Resp: 100542

Ion Ratio Lower Upper

180 100

182 97.2 76.5 114.7

145 33.0 25.8 38.8

