

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028037.D
 Acq On : 16 Feb 2024 17:08
 Operator : SY/MD
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 18 23:54:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Feb 18 23:52:23 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	268206	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	237770	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	131347	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	56536	17.998	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.000%
7) Chloroethane-d5	2.899	69	52419	22.001	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	4.027	65	25670	19.098	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.400%
21) 2-Butanone-d5	7.069	46	30204	61.882	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.760%
24) Chloroform-d	7.648	84	148183	23.629	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.307	65	72262	25.513	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.040%
32) Benzene-d6	8.270	84	292674	23.007	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.040%
36) 1,2-Dichloropropane-d6	9.270	67	82216	23.836	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	10.318	98	279531	22.965	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.575	79	35084	24.734	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.920%
47) 2-Hexanone-d5	10.922	63	30457	64.917	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.840%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	73681	28.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.320%
66) 1,2-Dichlorobenzene-d4	13.848	152	106875	23.940	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.760%
Target Compounds						
					Qvalue	
3) Chloromethane	2.222	50	47638	18.781	ug/L	99
5) Vinyl chloride	2.375	62	66142	19.239	ug/L	100
6) Bromomethane	2.789	94	50515	20.795	ug/L	96
8) Chloroethane	2.942	64	44273	22.792	ug/L	96
9) Trichlorofluoromethane	3.271	101	54705	17.509	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.070	101	62006	19.689	ug/L	98
12) 1,1-Dichloroethene	4.045	96	60668	20.708	ug/L	94
13) Acetone	4.124	43	22162	46.694	ug/L	93
14) Carbon disulfide	4.393	76	158808	18.310	ug/L	100
15) Methyl Acetate	4.667	43	21762	27.543	ug/L	100
16) Methylene chloride	4.923	84	73993	22.072	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	68425	21.738	ug/L	99
18) Methyl tert-butyl Ether	5.429	73	100260	26.869	ug/L	99
19) 1,1-Dichloroethane	6.216	63	120172	23.501	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	79191	23.825	ug/L	97
22) 2-Butanone	7.167	43	30170	55.068	ug/L	97
23) Bromochloromethane	7.514	128	37341	25.291	ug/L	86
25) Chloroform	7.673	83	137243	24.967	ug/L	95
27) 1,2-Dichloroethane	8.398	62	81768	26.711	ug/L	96

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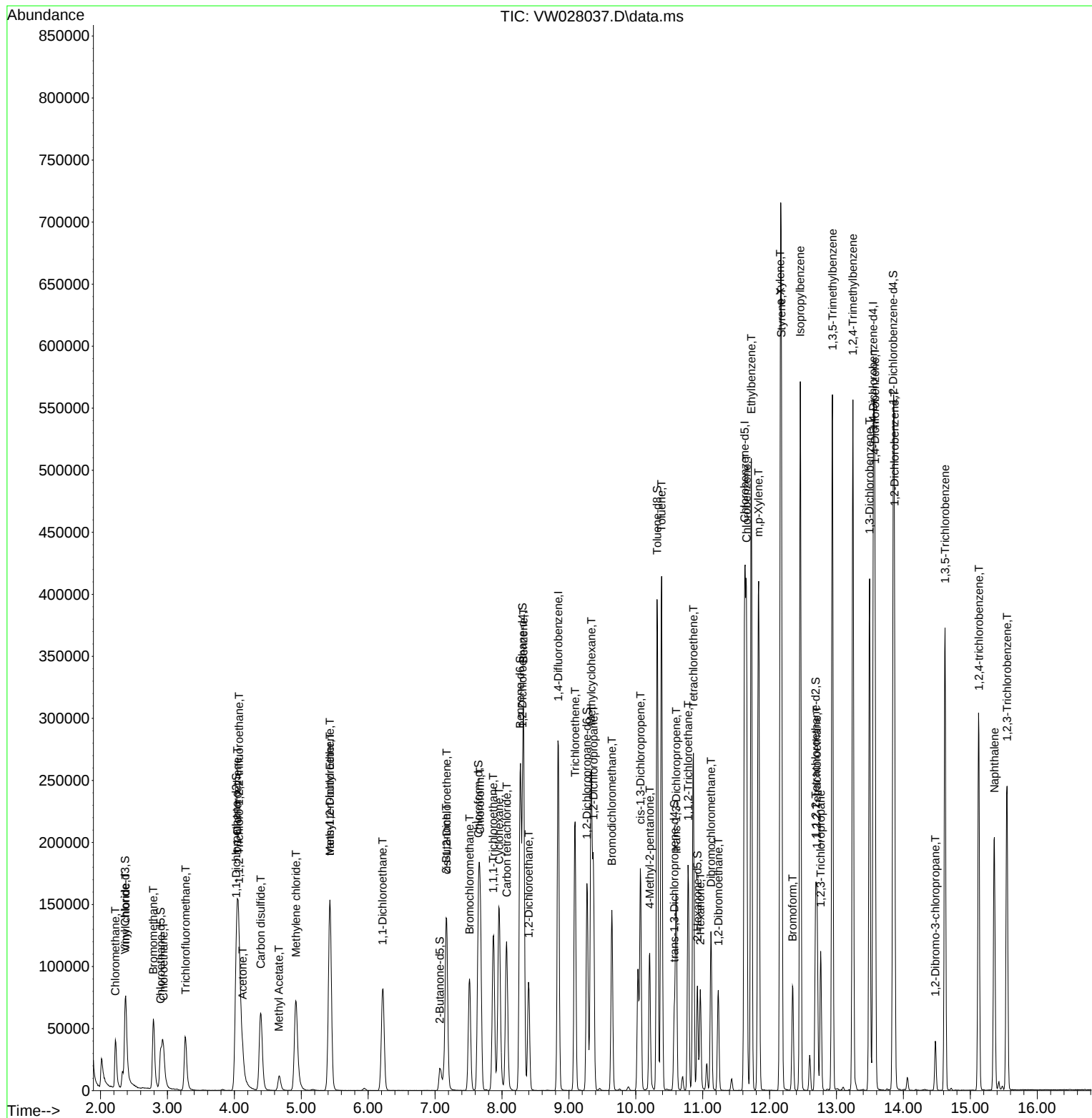
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.959	56	86482	20.407	ug/L	97
30) 1,1,1-Trichloroethane	7.868	97	108656	23.673	ug/L	100
31) Carbon tetrachloride	8.069	117	99449	23.420	ug/L	100
33) Benzene	8.319	78	279579	23.542	ug/L	100
34) Trichloroethene	9.093	95	78093	22.906	ug/L	98
35) Methylcyclohexane	9.337	83	115596	20.605	ug/L	100
37) 1,2-Dichloropropane	9.367	63	69895	25.046	ug/L	100
38) Bromodichloromethane	9.642	83	99581	26.733	ug/L	94
39) cis-1,3-Dichloropropene	10.069	75	112971	25.257	ug/L	94
40) 4-Methyl-2-pentanone	10.209	43	66351	62.994	ug/L	99
42) Toluene	10.386	91	316563	23.775	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	94464	26.608	ug/L	98
45) 1,1,2-Trichloroethane	10.782	97	60786	27.519	ug/L	97
46) Tetrachloroethene	10.861	164	65641	22.882	ug/L	89
48) 2-Hexanone	10.965	43	47102	59.040	ug/L	100
49) Dibromochloromethane	11.123	129	69730	27.690	ug/L	92
50) 1,2-Dibromoethane	11.233	107	55096	26.723	ug/L	97
51) Chlorobenzene	11.654	112	218438	24.665	ug/L	96
52) Ethylbenzene	11.727	91	365655	24.357	ug/L	99
53) m,p-Xylene	11.836	106	143273	24.335	ug/L	95
54) o-Xylene	12.160	106	133949	24.258	ug/L	96
55) Styrene	12.178	104	234584	25.506	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.708	83	67426	28.505	ug/L	95
59) Bromoform	12.343	173	40165	25.908	ug/L	100
60) Isopropylbenzene	12.458	105	376921	22.983	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	47489	27.091	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	315157	24.014	ug/L	98
63) 1,2,4-Trimethylbenzene	13.245	105	309699	24.115	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	178172	23.650	ug/L	97
65) 1,4-Dichlorobenzene	13.574	146	179952	23.493	ug/L	98
67) 1,2-Dichlorobenzene	13.867	146	160461	24.114	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	9864	28.343	ug/L	95
69) 1,3,5-Trichlorobenzene	14.623	180	126991	23.474	ug/L	97
70) 1,2,4-trichlorobenzene	15.129	180	102792	23.530	ug/L	100
71) Naphthalene	15.360	128	189599	27.929	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	84532	23.192	ug/L	94

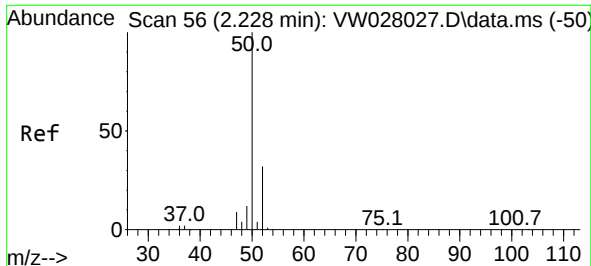
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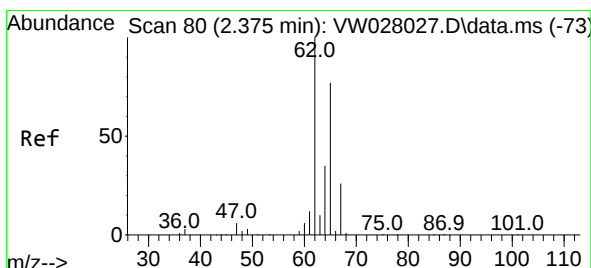
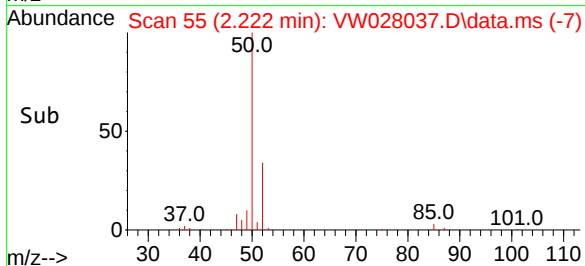
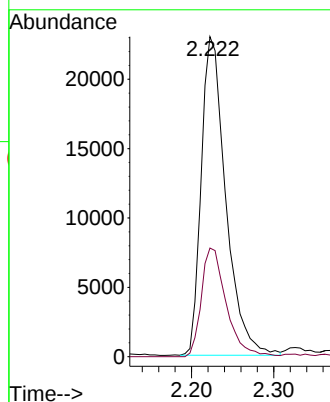
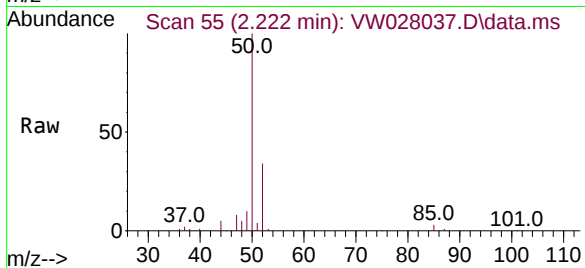




#3
Chloromethane
Concen: 18.781 ug/L
RT: 2.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

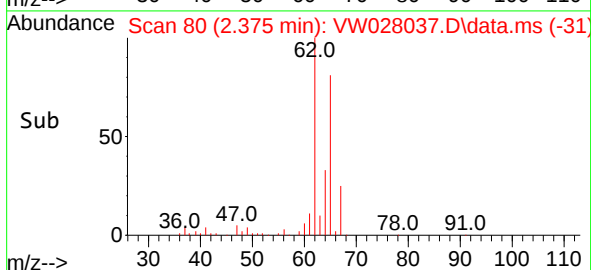
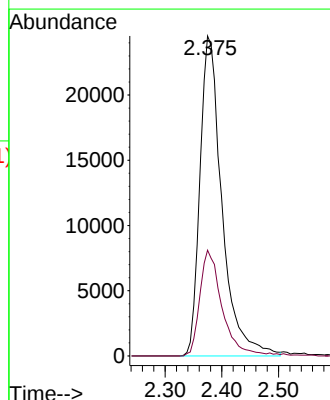
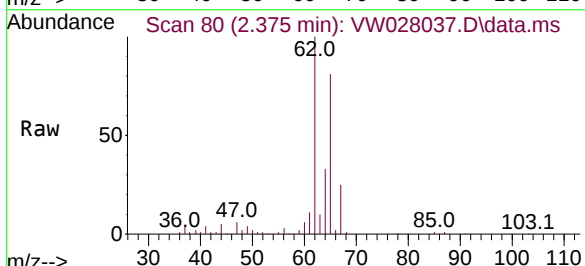
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MSVOA_W
ClientSampleId :

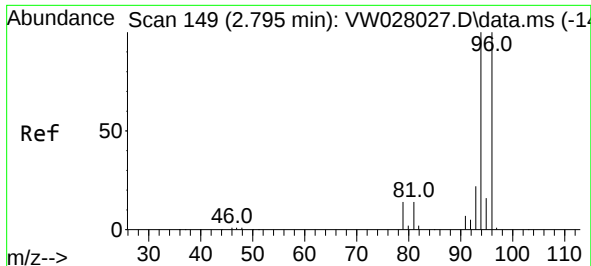
Tgt Ion: 50 Resp: 47638
Ion Ratio Lower Upper
50 100
52 34.0 24.3 45.1



#5
Vinyl chloride
Concen: 19.239 ug/L
RT: 2.375 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 62 Resp: 66142
Ion Ratio Lower Upper
62 100
64 33.0 23.0 42.6

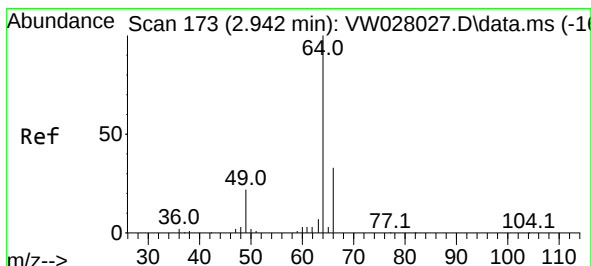
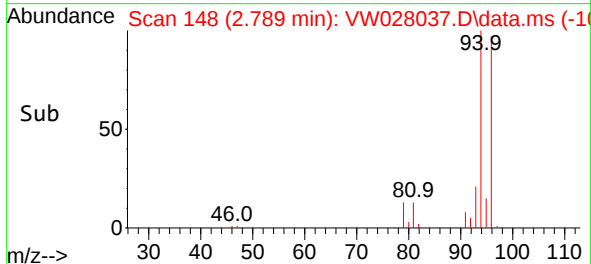
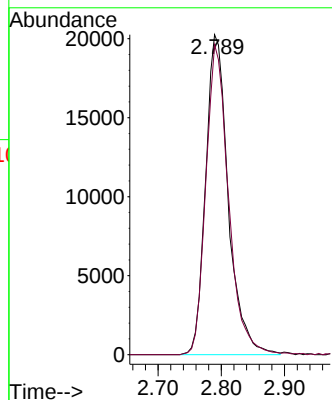
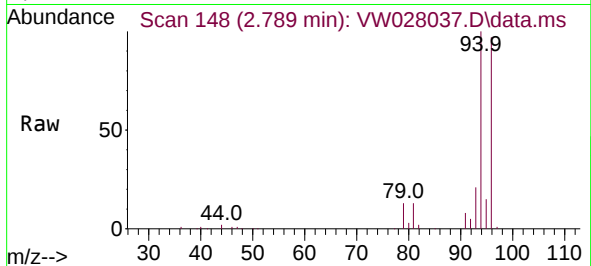




#6
Bromomethane
Concen: 20.795 ug/L
RT: 2.789 min Scan# 149
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

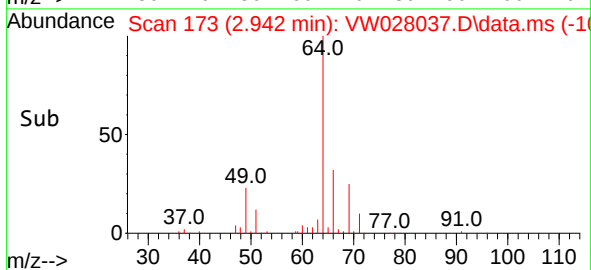
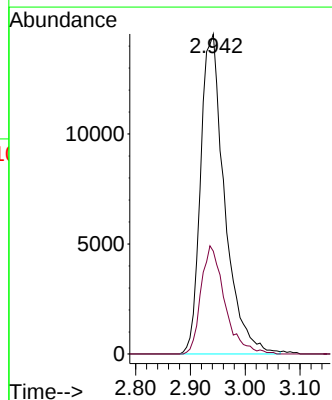
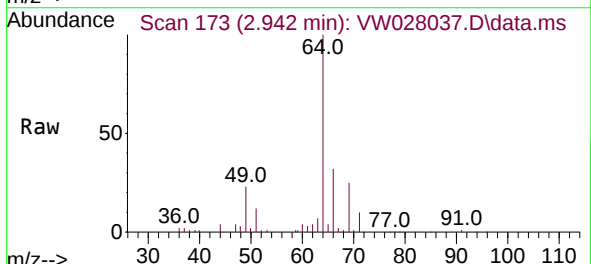
Instrument :
MSVOA_W
ClientSampleId :

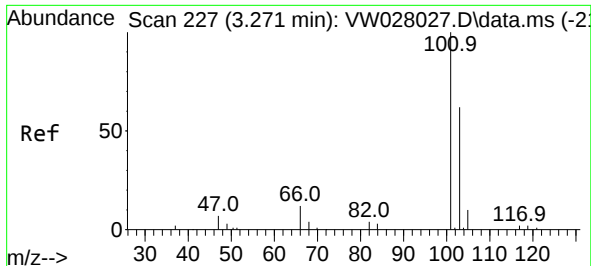
Tgt Ion: 94 Resp: 50515
Ion Ratio Lower Upper
94 100
96 96.9 65.3 121.3



#8
Chloroethane
Concen: 22.792 ug/L
RT: 2.942 min Scan# 173
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 64 Resp: 44273
Ion Ratio Lower Upper
64 100
66 32.1 20.9 38.7

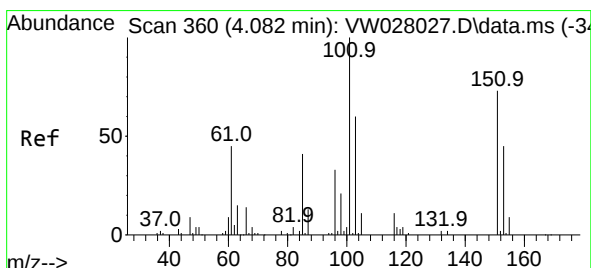
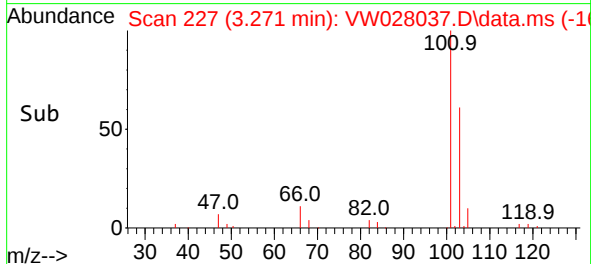
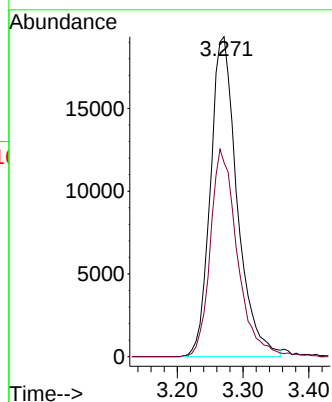
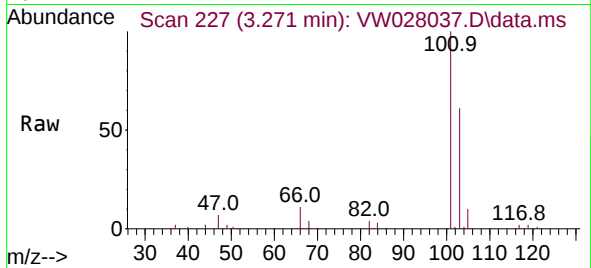




#9
 Trichlorofluoromethane
 Concen: 17.509 ug/L
 RT: 3.271 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW028037.D
 Acq: 16 Feb 2024 17:08

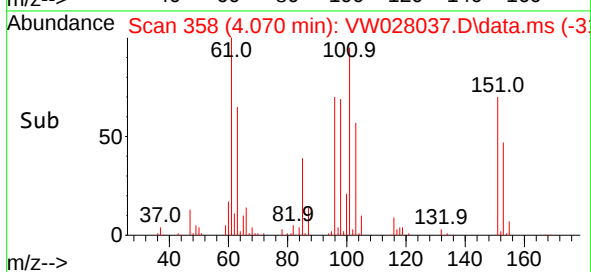
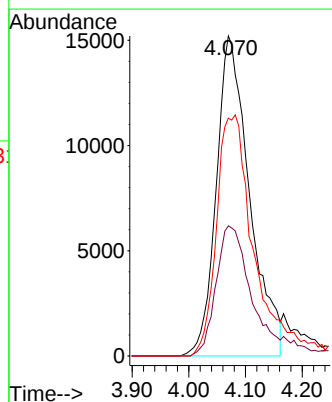
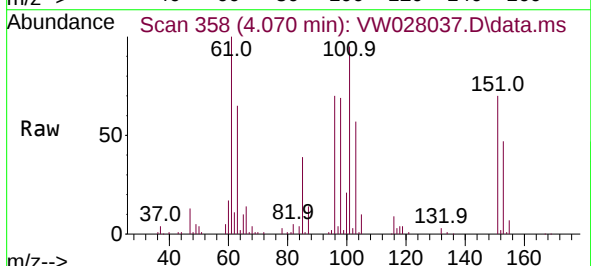
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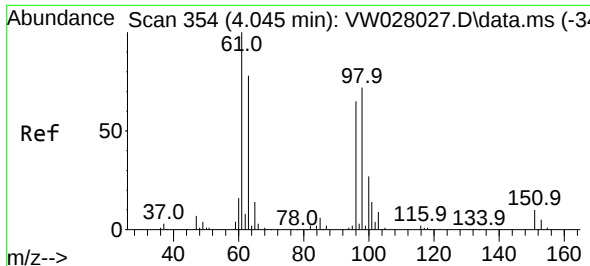
Tgt Ion:101 Resp: 54705
 Ion Ratio Lower Upper
 101 100
 103 65.1 51.6 77.4



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.689 ug/L
 RT: 4.070 min Scan# 358
 Delta R.T. -0.012 min
 Lab File: VW028037.D
 Acq: 16 Feb 2024 17:08

Tgt Ion:101 Resp: 62006
 Ion Ratio Lower Upper
 101 100
 85 42.1 33.8 50.6
 151 81.1 62.6 93.8

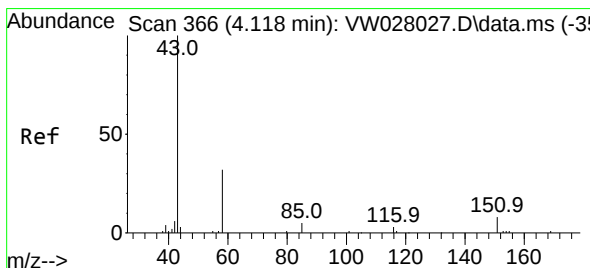
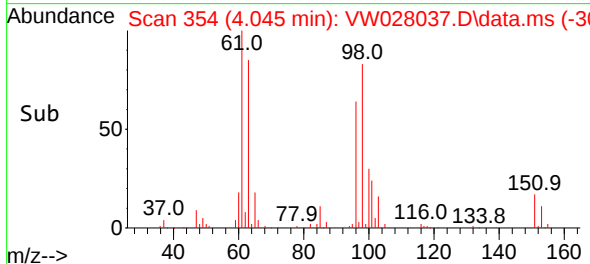
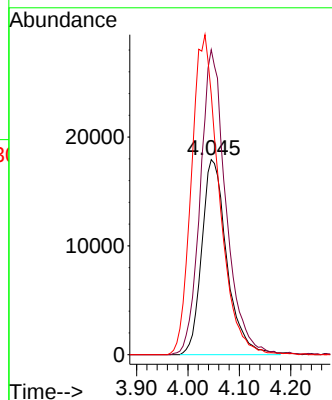
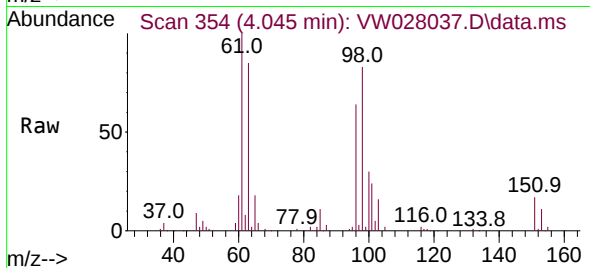




#12
1,1-Dichloroethene
Concen: 20.708 ug/L
RT: 4.045 min Scan# 354
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

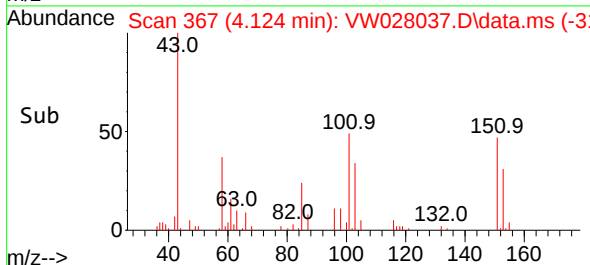
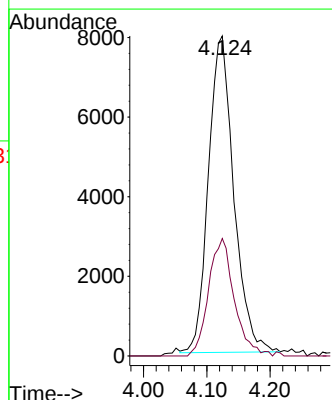
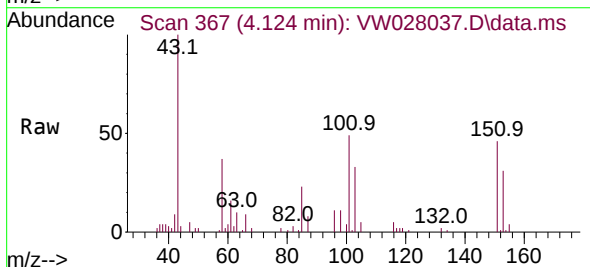
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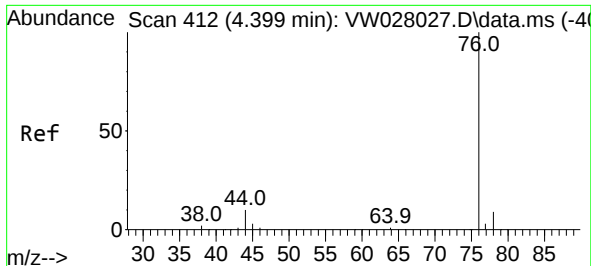
Tgt Ion: 96 Resp: 60668
Ion Ratio Lower Upper
96 100
61 156.4 107.4 199.4
63 133.6 86.0 159.6



#13
Acetone
Concen: 46.694 ug/L
RT: 4.124 min Scan# 367
Delta R.T. 0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 43 Resp: 22162
Ion Ratio Lower Upper
43 100
58 37.2 0.0 66.0

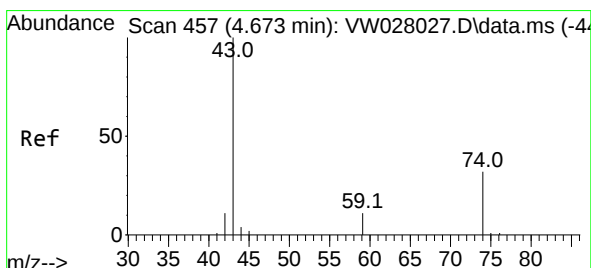
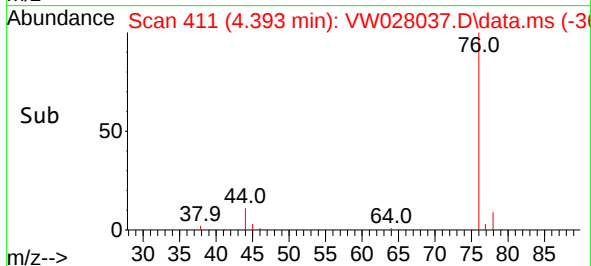
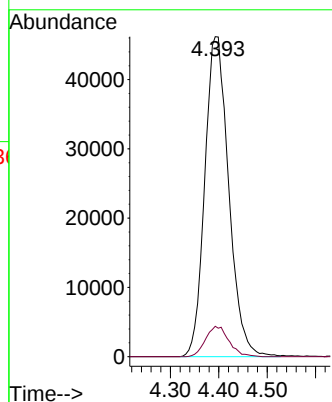
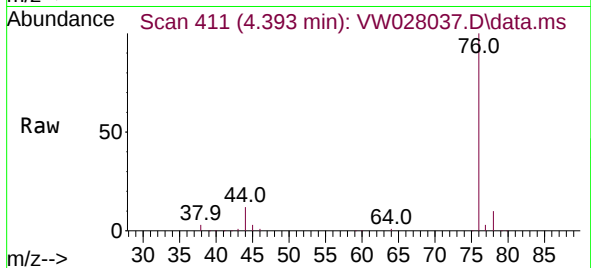




#14
Carbon disulfide
Concen: 18.310 ug/L
RT: 4.393 min Scan# 411
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

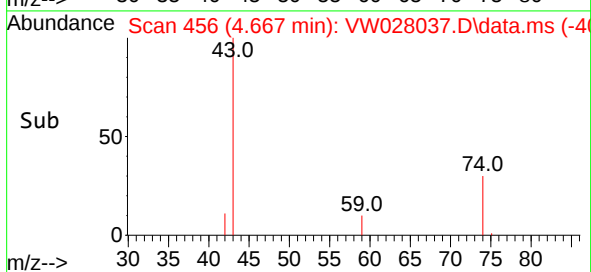
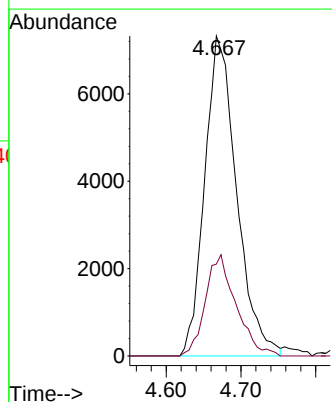
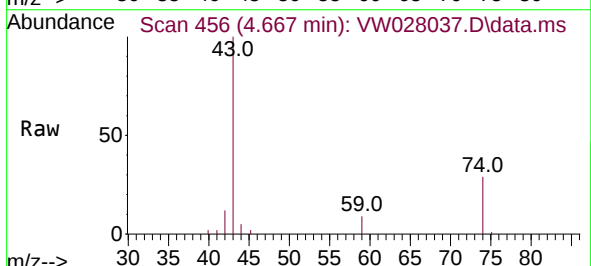
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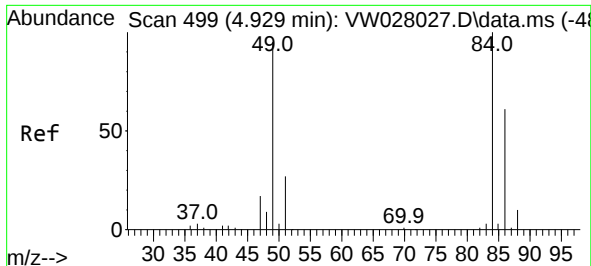
Tgt Ion: 76 Resp: 158808
Ion Ratio Lower Upper
76 100
78 9.5 7.5 11.3



#15
Methyl Acetate
Concen: 27.543 ug/L
RT: 4.667 min Scan# 456
Delta R.T. -0.006 min
Lab File: VW028037.D
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Tgt Ion: 43 Resp: 21762
Ion Ratio Lower Upper
43 100
74 30.3 24.2 36.2

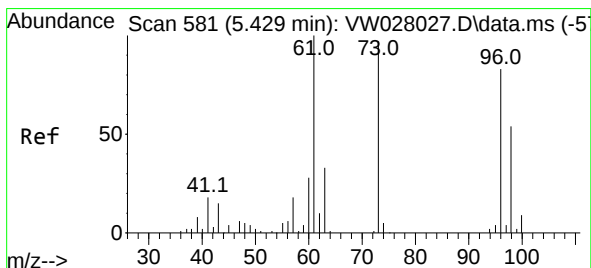
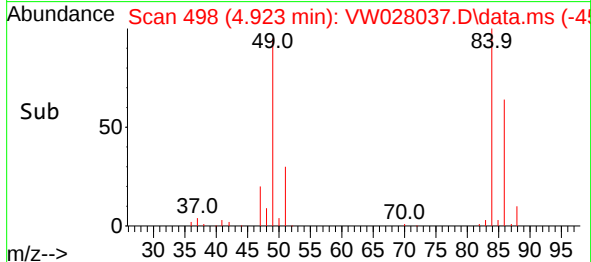
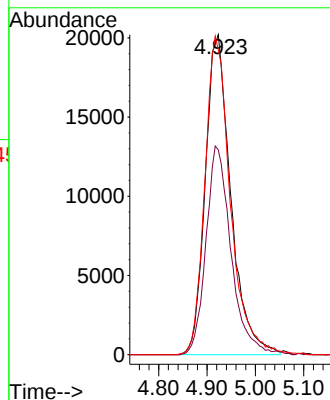
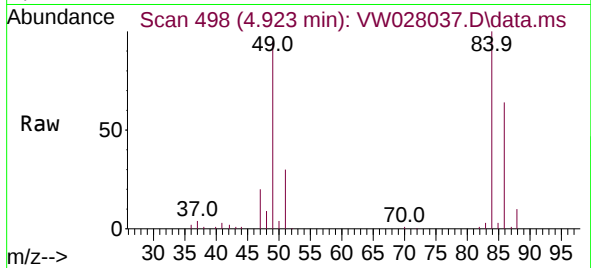




#16
Methylene chloride
Concen: 22.072 ug/L
RT: 4.923 min Scan# 499
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

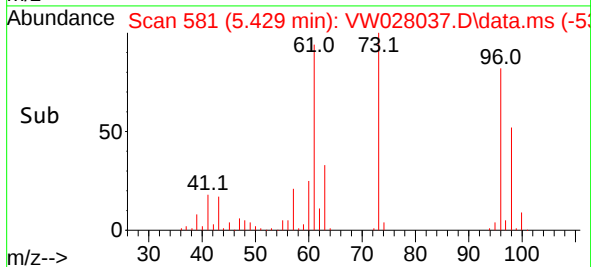
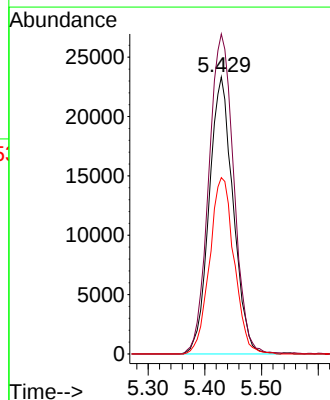
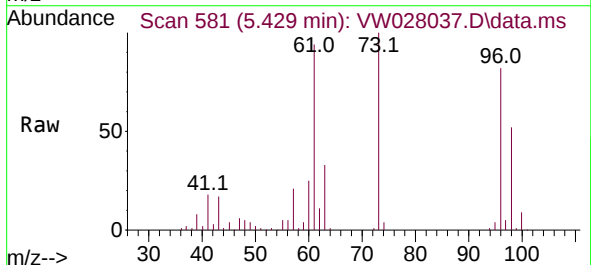
Instrument :
MSVOA_W
ClientSampleId :

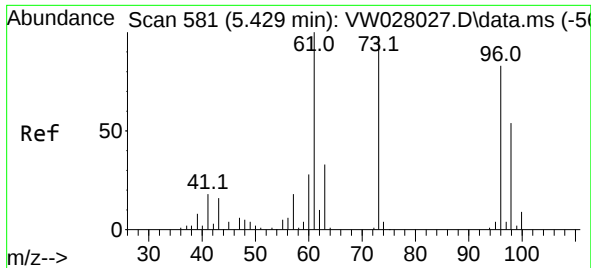
Tgt Ion: 84 Resp: 73993
Ion Ratio Lower Upper
84 100
86 64.0 45.4 84.4
49 95.3 66.3 123.1



#17
trans-1,2-Dichloroethene
Concen: 21.738 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

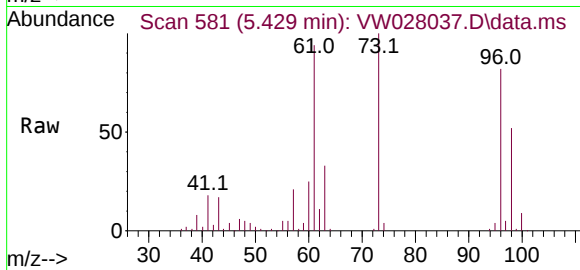
Tgt Ion: 96 Resp: 68425
Ion Ratio Lower Upper
96 100
61 115.6 80.1 148.7
98 63.7 43.8 81.4



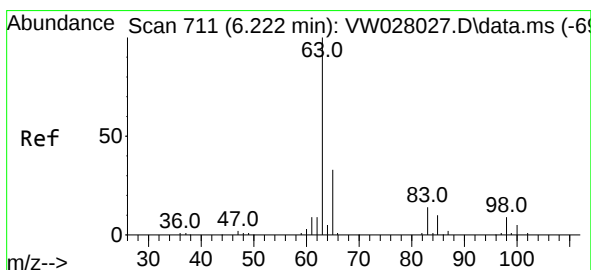
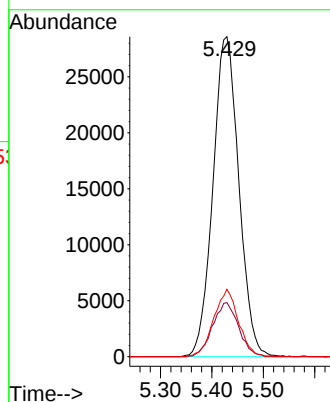


#18
Methyl tert-butyl Ether
Concen: 26.869 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Instrument :
MSVOA_W
ClientSampleId :

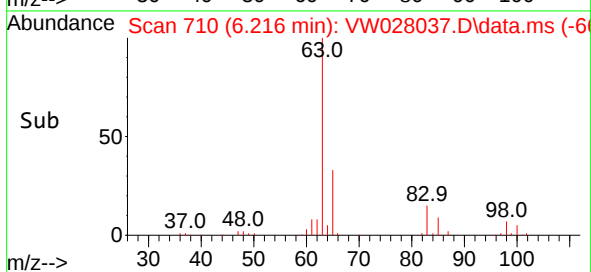
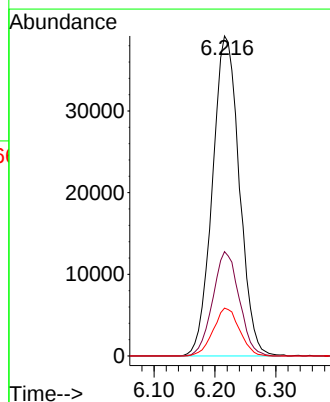
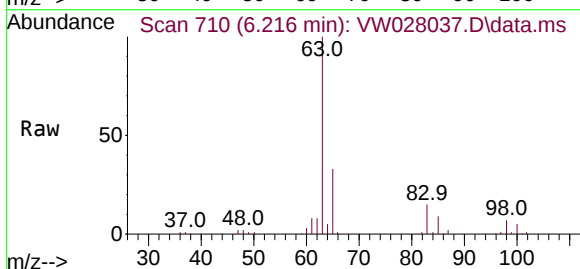


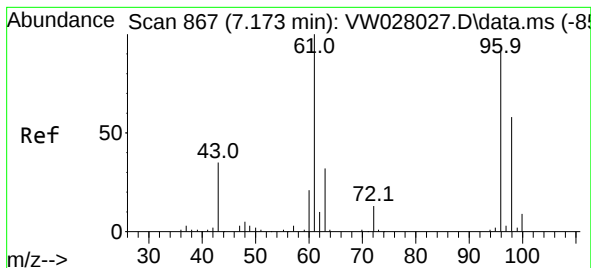
Tgt Ion: 73	Resp: 100260
Ion Ratio	Lower Upper
73 100	
43 17.0	13.4 20.0
57 20.0	16.3 24.5



#19
1,1-Dichloroethane
Concen: 23.501 ug/L
RT: 6.216 min Scan# 710
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 63	Resp: 120172
Ion Ratio	Lower Upper
63 100	
65 32.6	23.1 42.9
83 14.9	9.9 18.3





#20

cis-1,2-Dichloroethene

Concen: 23.825 ug/L

RT: 7.173 min Scan# 867

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

ClientSampleId :

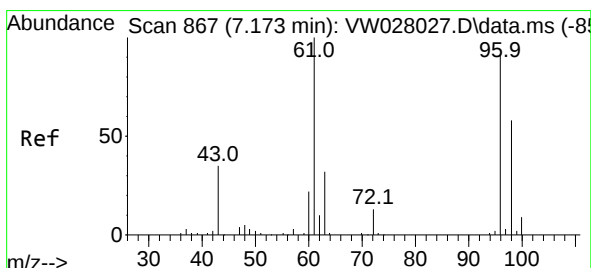
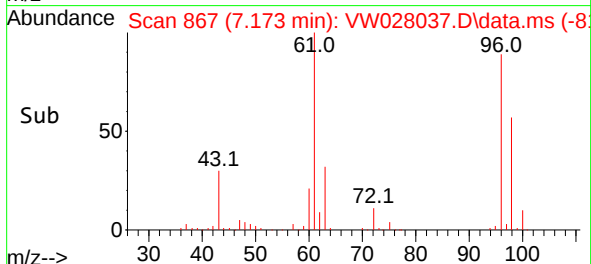
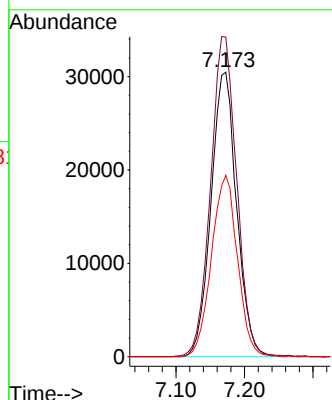
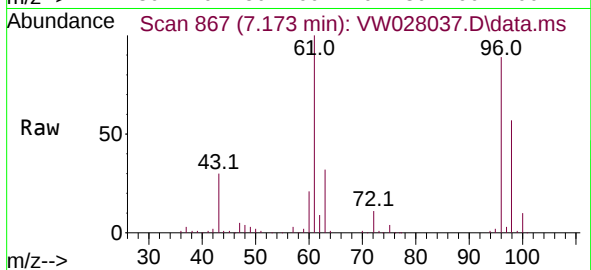
Tgt Ion: 96 Resp: 79191

Ion Ratio Lower Upper

96 100

61 112.4 76.3 141.7

98 63.7 42.9 79.7



#22

2-Butanone

Concen: 55.068 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW028037.D

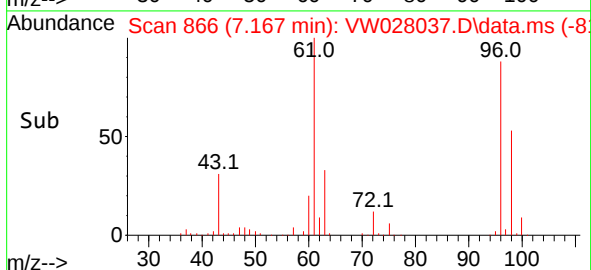
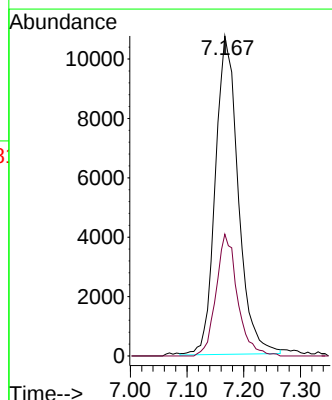
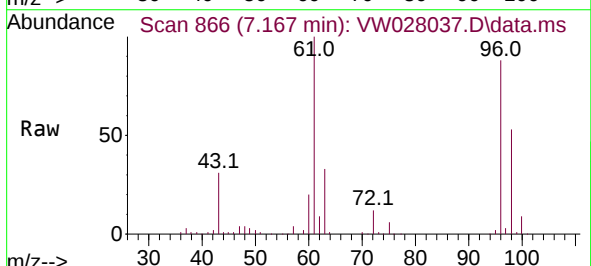
Acq: 16 Feb 2024 17:08

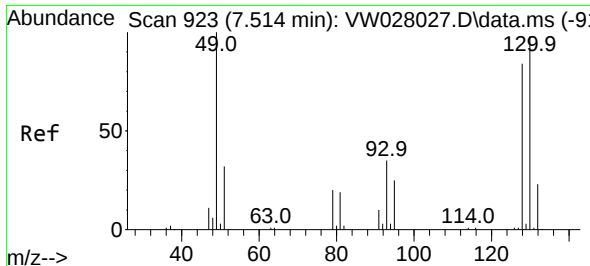
Tgt Ion: 43 Resp: 30170

Ion Ratio Lower Upper

43 100

72 35.5 17.0 50.9

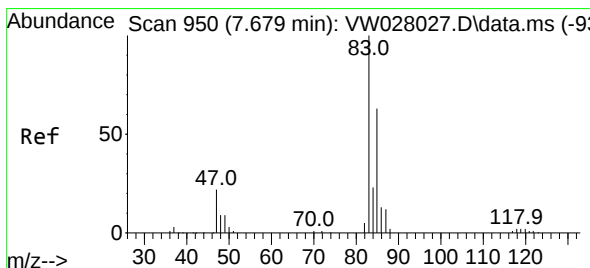
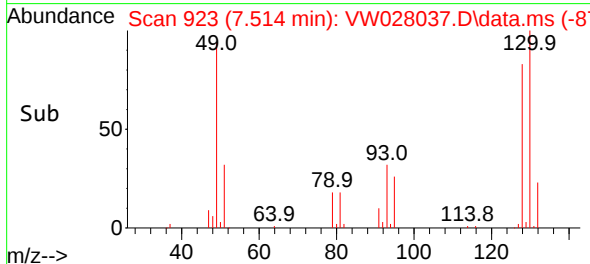
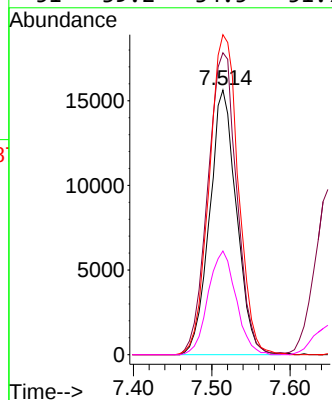
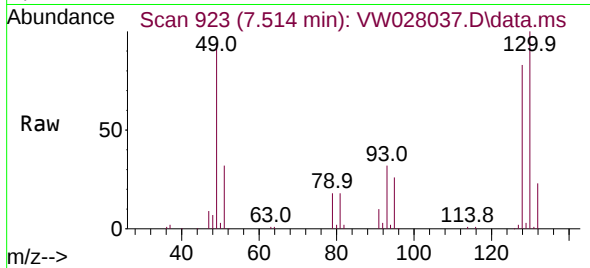




#23
Bromochloromethane
Concen: 25.291 ug/L
RT: 7.514 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

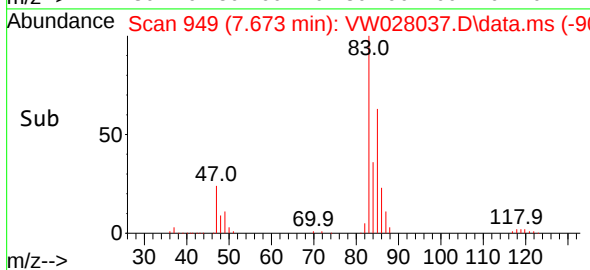
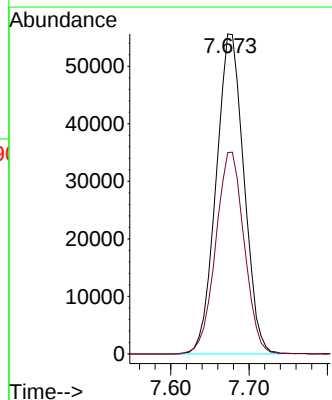
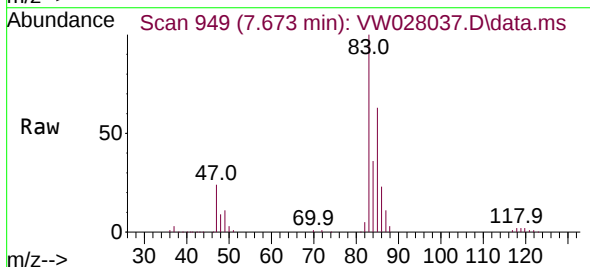
Instrument :
MSVOA_W
ClientSampleId :

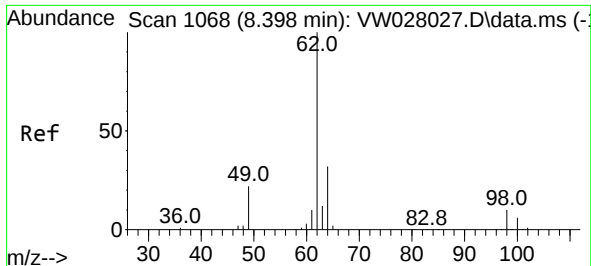
Tgt Ion:	128	Resp:	37341
Ion	Ratio	Lower	Upper
128	100		
49	114.1	93.2	173.2
130	120.9	97.4	180.8
51	39.2	34.5	51.7



#25
Chloroform
Concen: 24.967 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion:	83	Resp:	137243
Ion	Ratio	Lower	Upper
83	100		
85	63.0	46.6	86.6





#27

1,2-Dichloroethane

Concen: 26.711 ug/L

RT: 8.398 min Scan# 1068

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

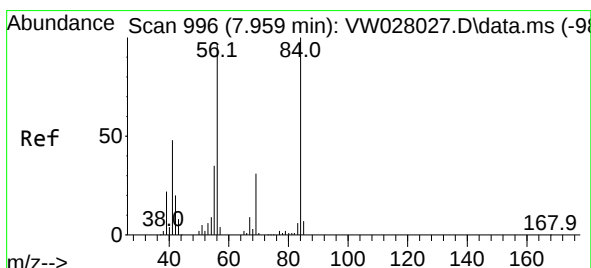
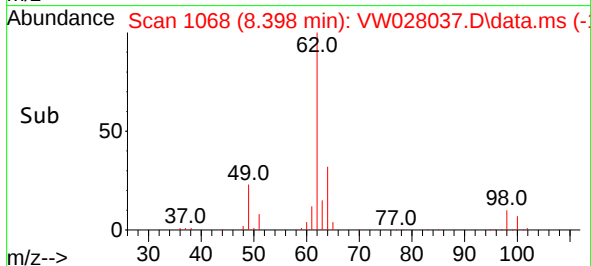
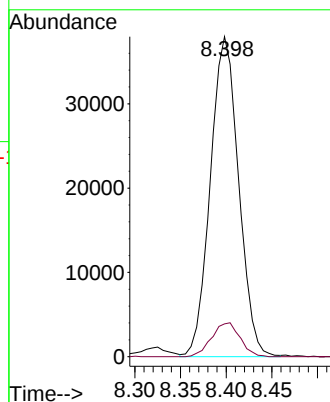
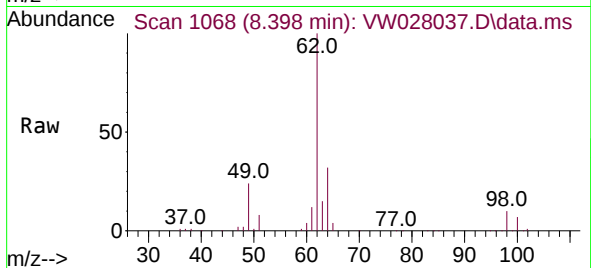
ClientSampleId :

Tgt Ion: 62 Resp: 81768

Ion Ratio Lower Upper

62 100

98 10.3 9.4 14.2



#29

Cyclohexane

Concen: 20.407 ug/L

RT: 7.959 min Scan# 996

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

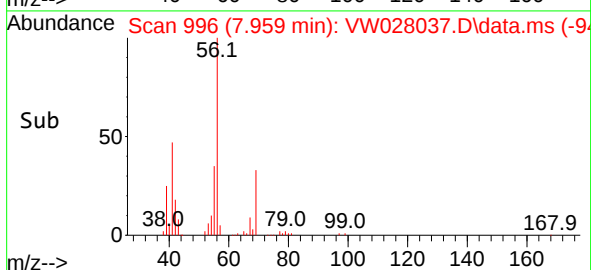
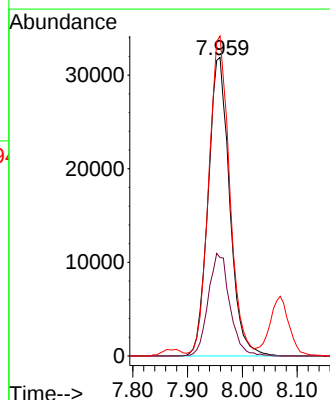
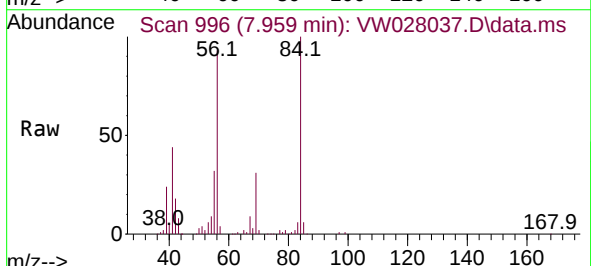
Tgt Ion: 56 Resp: 86482

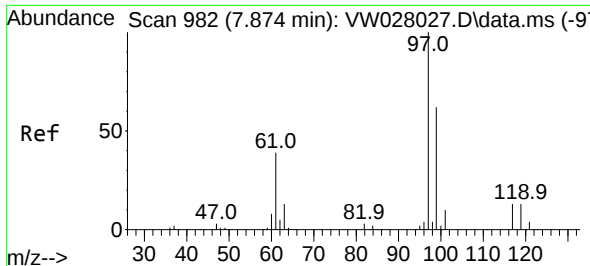
Ion Ratio Lower Upper

56 100

69 34.5 26.3 39.5

84 104.7 81.6 122.4

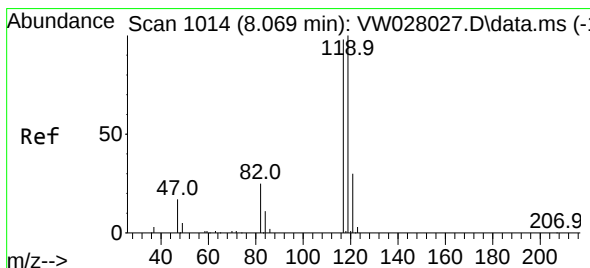
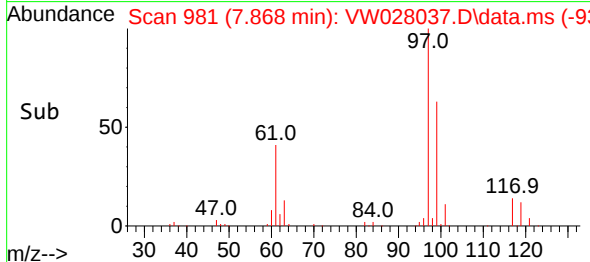
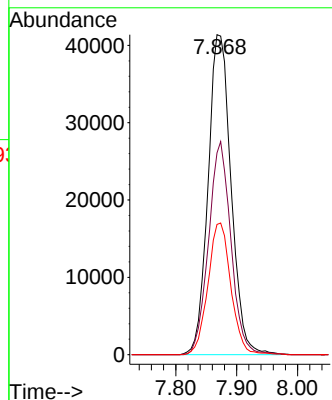
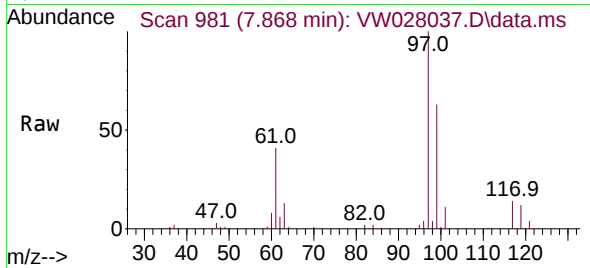




#30
1,1,1-Trichloroethane
Concen: 23.673 ug/L
RT: 7.868 min Scan# 91
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

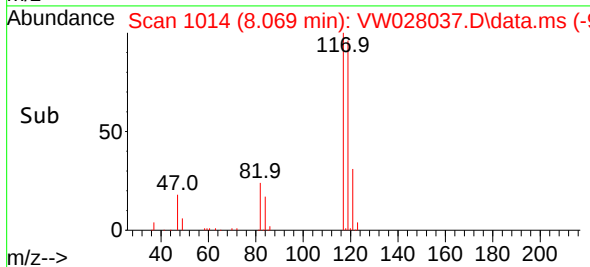
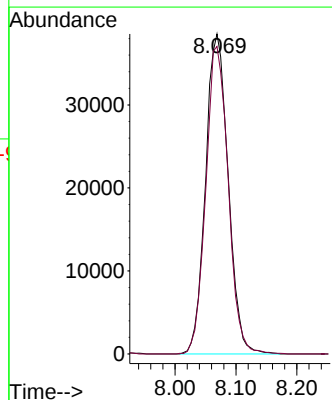
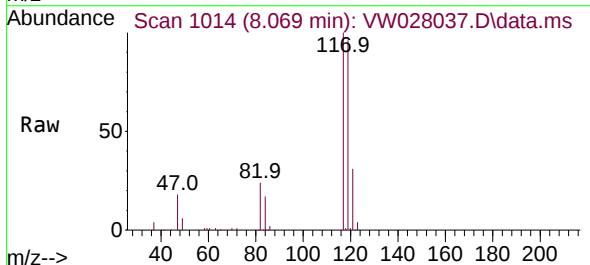
Instrument :
MSVOA_W
ClientSampleId :

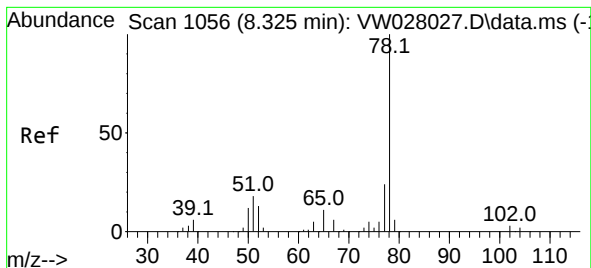
Tgt Ion: 97 Resp: 108656
Ion Ratio Lower Upper
97 100
99 64.7 51.4 77.0
61 41.0 32.9 49.3



#31
Carbon tetrachloride
Concen: 23.420 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 117 Resp: 99449
Ion Ratio Lower Upper
117 100
119 95.3 76.5 114.7





#33

Benzene

Concen: 23.542 ug/L

RT: 8.319 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VW028037.D

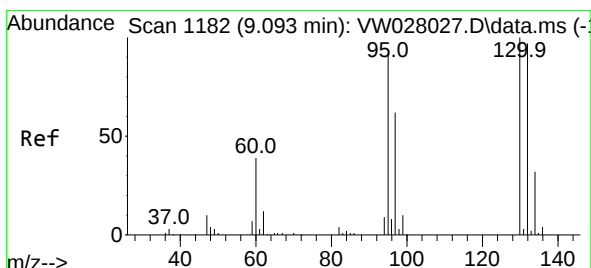
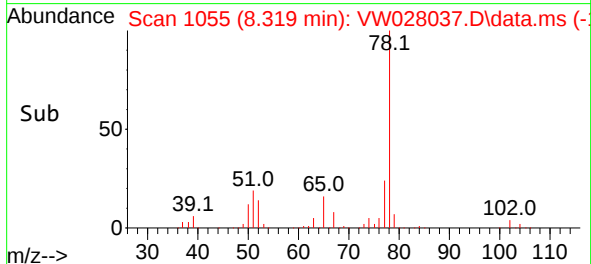
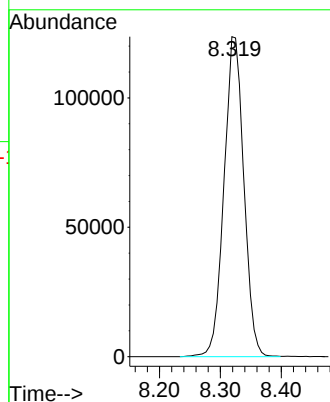
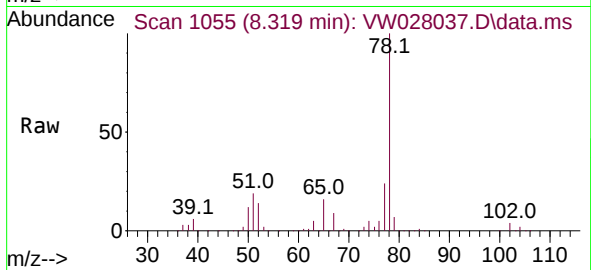
Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 78 Resp: 279579



#34

Trichloroethene

Concen: 22.906 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Tgt Ion: 95 Resp: 78093

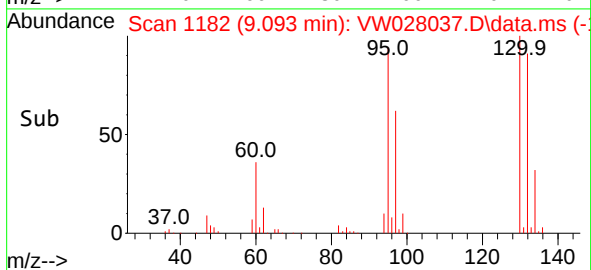
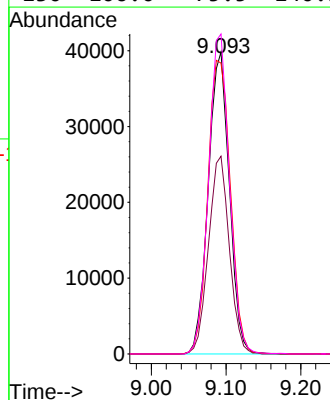
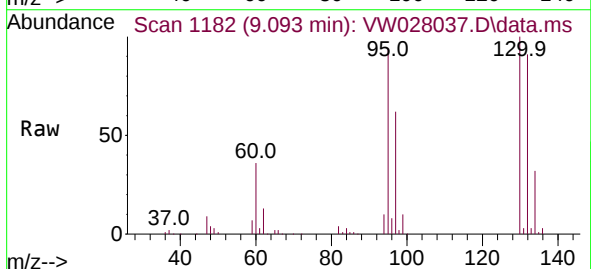
Ion Ratio Lower Upper

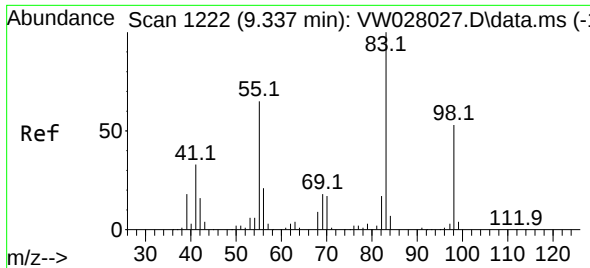
95 100

97 65.5 44.3 82.3

132 96.4 68.0 126.2

130 106.0 75.5 140.3

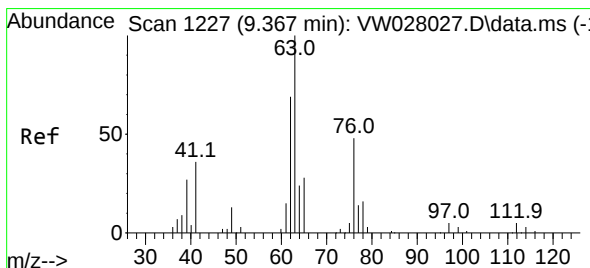
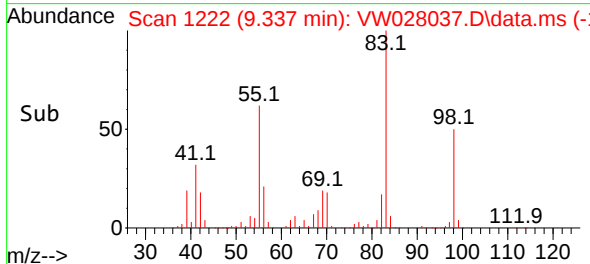
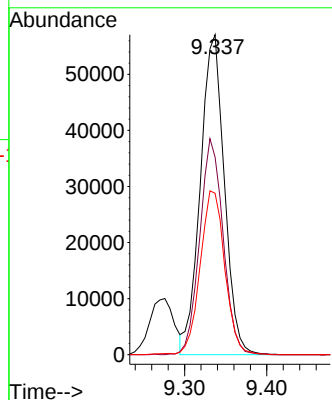
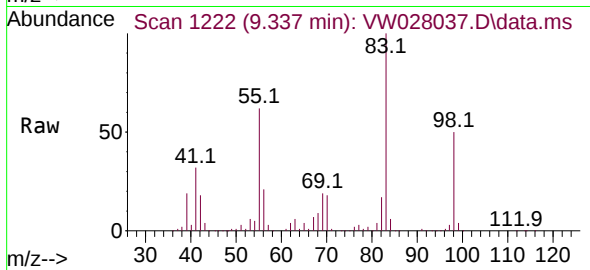




#35
Methylcyclohexane
Concen: 20.605 ug/L
RT: 9.337 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

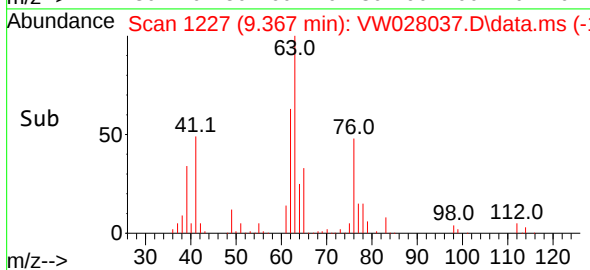
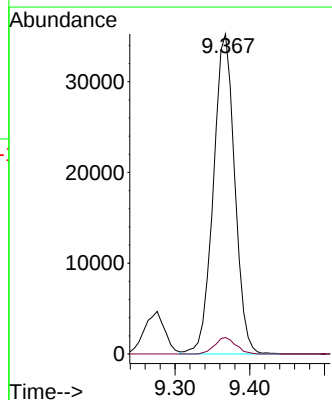
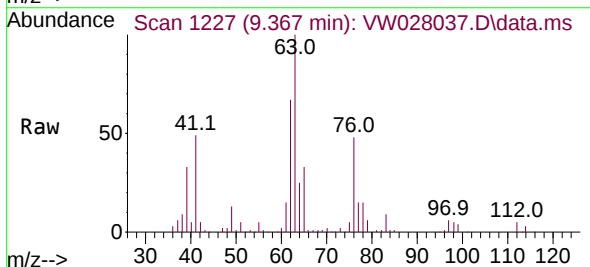
Instrument :
MSVOA_W
ClientSampleId :

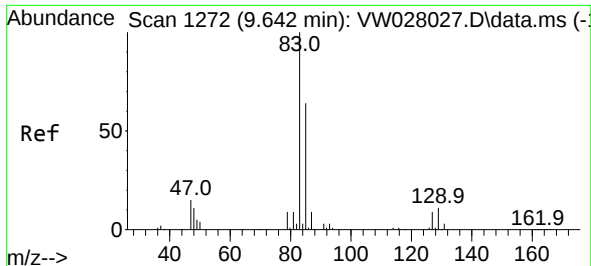
Tgt Ion: 83 Resp: 115596
Ion Ratio Lower Upper
83 100
55 65.9 52.3 78.5
98 52.5 41.9 62.9



#37
1,2-Dichloropropane
Concen: 25.046 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 63 Resp: 69895
Ion Ratio Lower Upper
63 100
112 5.1 4.2 6.2

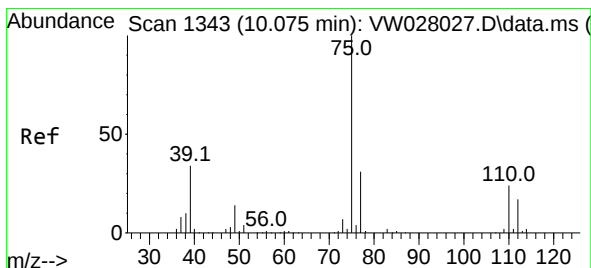
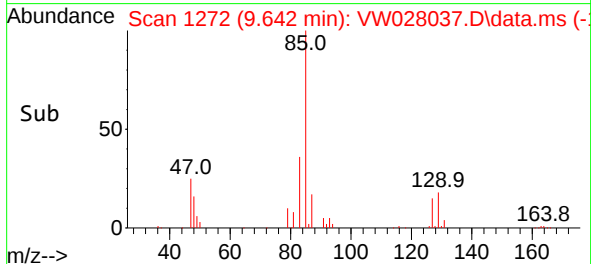
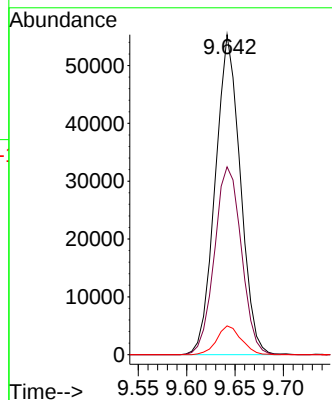
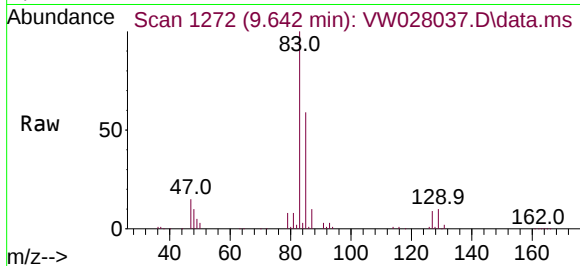




#38
Bromodichloromethane
Concen: 26.733 ug/L
RT: 9.642 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

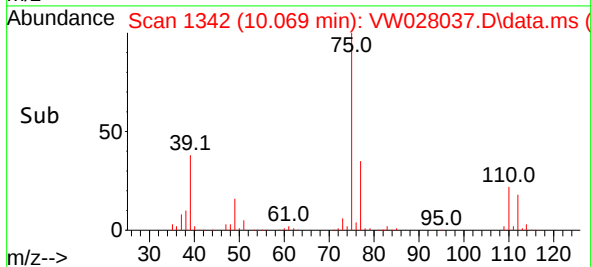
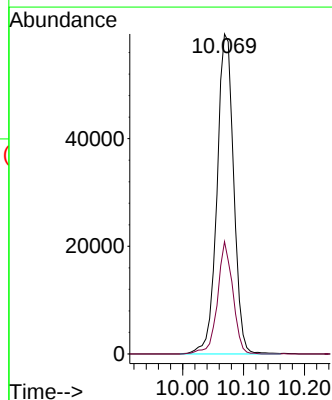
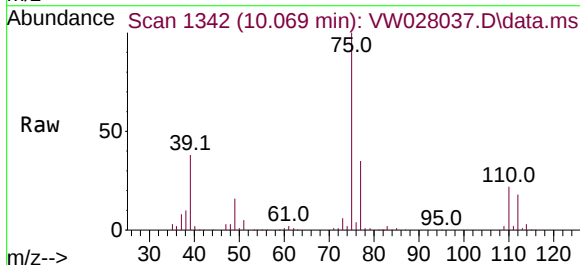
Instrument :
MSVOA_W
ClientSampleId :

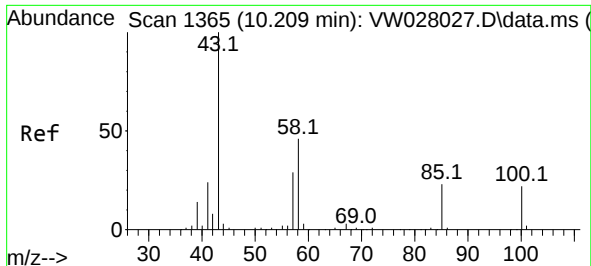
Tgt Ion: 83 Resp: 99581
Ion Ratio Lower Upper
83 100
85 58.7 44.7 83.1
127 9.0 7.1 10.7



#39
cis-1,3-Dichloropropene
Concen: 25.257 ug/L
RT: 10.069 min Scan# 1342
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 75 Resp: 112971
Ion Ratio Lower Upper
75 100
77 35.1 22.4 41.6





#40

4-Methyl-2-pentanone

Concen: 62.994 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

ClientSampleId :

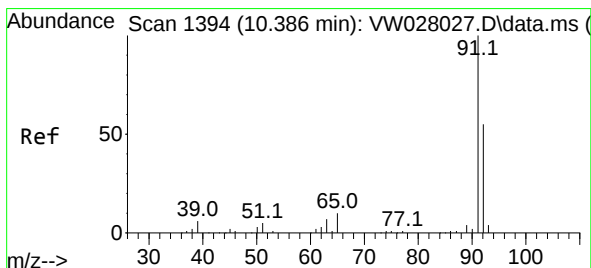
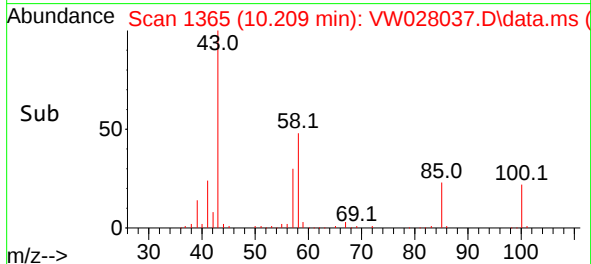
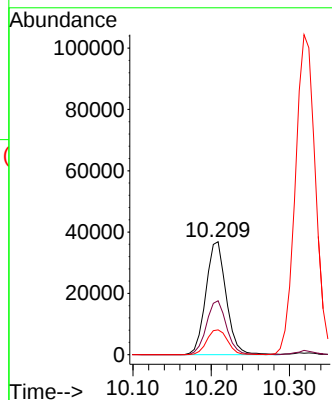
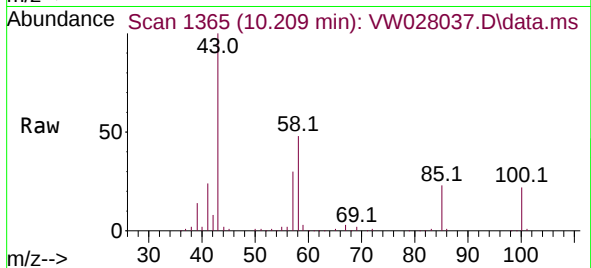
Tgt Ion: 43 Resp: 66351

Ion Ratio Lower Upper

43 100

58 47.1 36.7 55.1

100 22.6 18.4 27.6



#42

Toluene

Concen: 23.775 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW028037.D

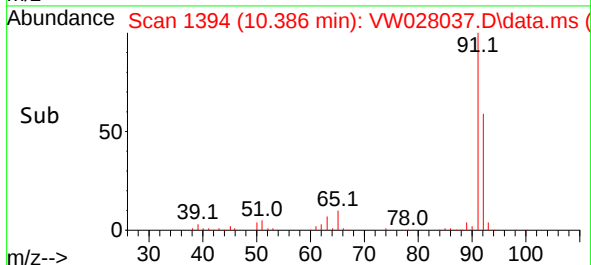
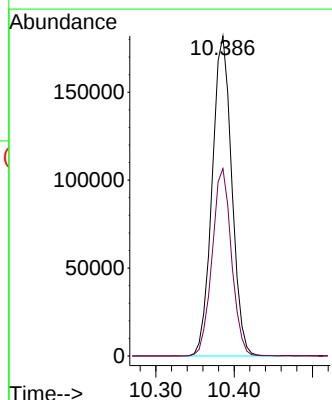
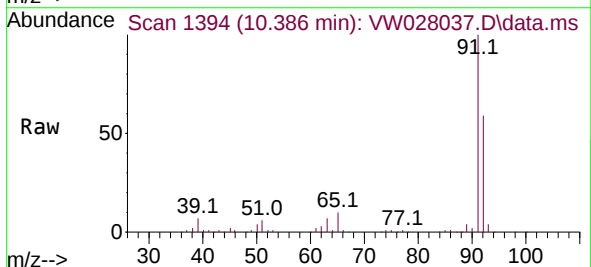
Acq: 16 Feb 2024 17:08

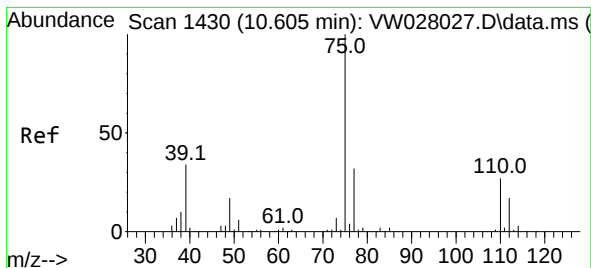
Tgt Ion: 91 Resp: 316563

Ion Ratio Lower Upper

91 100

92 58.5 38.8 72.0





#44

trans-1,3-Dichloropropene

Concen: 26.608 ug/L

RT: 10.605 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

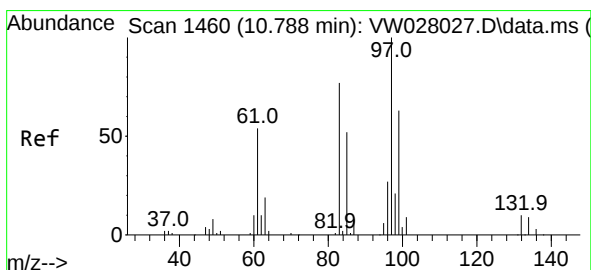
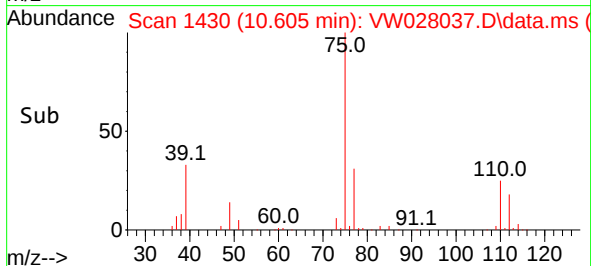
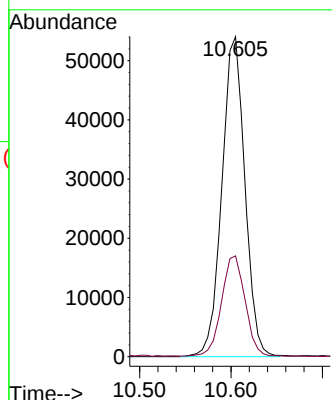
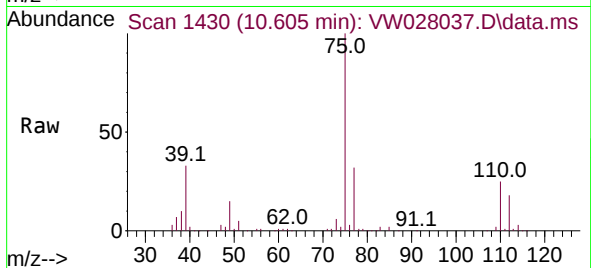
ClientSampleId :

Tgt Ion: 75 Resp: 94464

Ion Ratio Lower Upper

75 100

77 31.5 21.5 39.9



#45

1,1,2-Trichloroethane

Concen: 27.519 ug/L

RT: 10.782 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Tgt Ion: 97 Resp: 60786

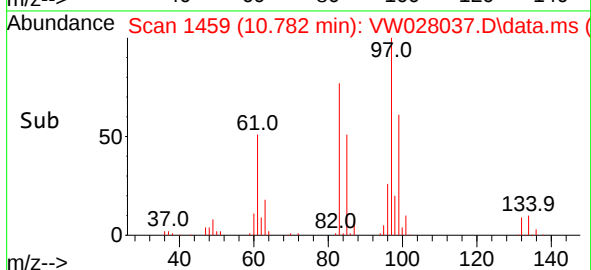
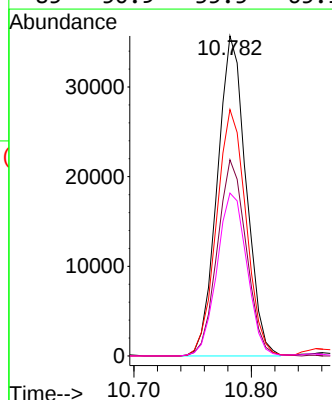
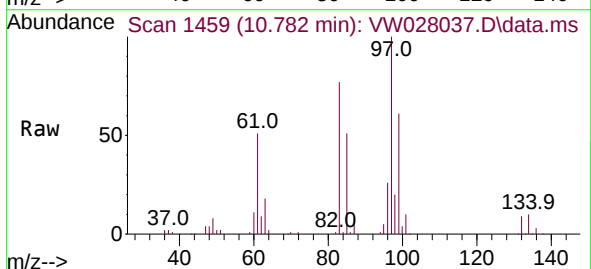
Ion Ratio Lower Upper

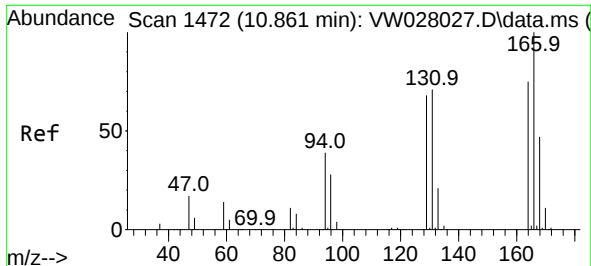
97 100

99 61.3 43.3 80.5

83 77.0 57.2 106.2

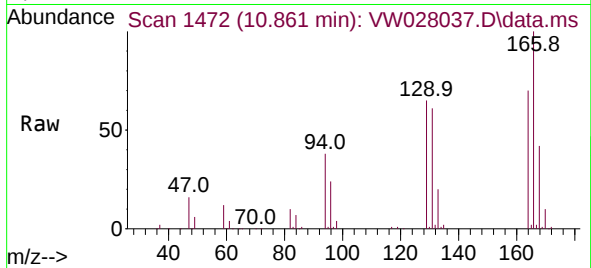
85 50.9 35.5 65.9



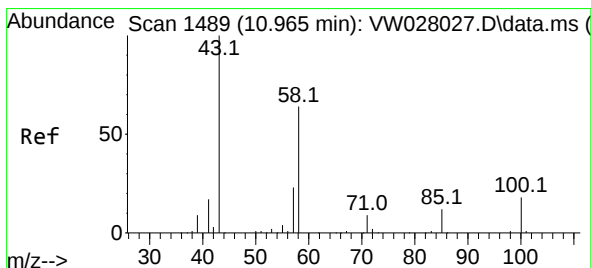
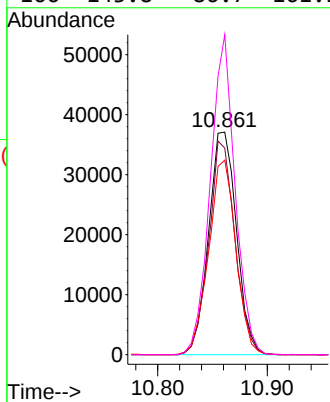
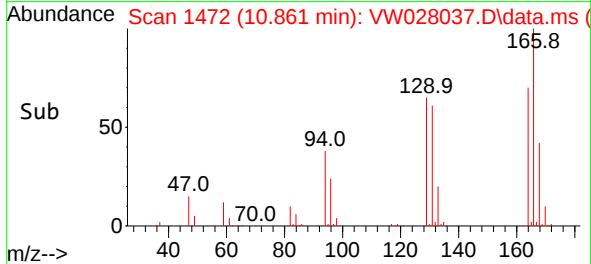


#46
Tetrachloroethene
Concen: 22.882 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

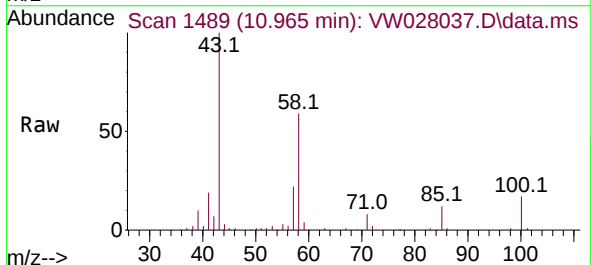
Instrument :
MSVOA_W
ClientSampleId :



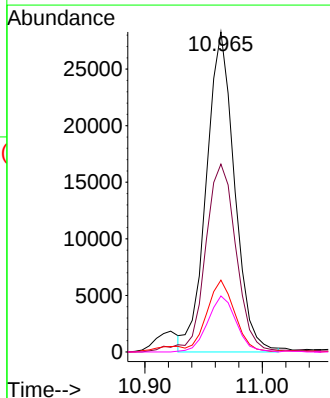
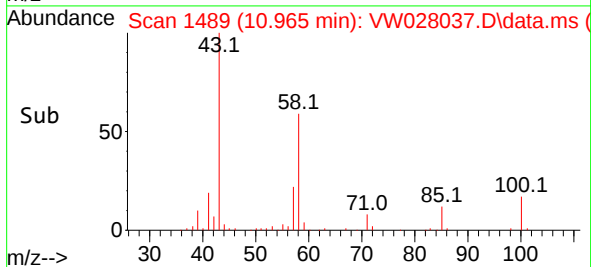
Tgt Ion:164 Resp: 65641
Ion Ratio Lower Upper
164 100
129 92.9 59.4 110.2
131 87.5 65.0 120.6
166 143.8 86.7 161.1

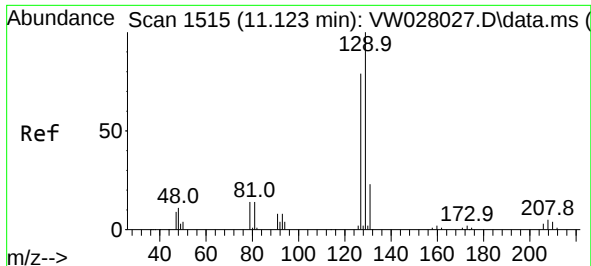


#48
2-Hexanone
Concen: 59.040 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08



Tgt Ion: 43 Resp: 47102
Ion Ratio Lower Upper
43 100
58 64.4 51.4 77.2
57 22.1 17.4 26.2
100 17.6 14.4 21.6





#49

Dibromochloromethane

Concen: 27.690 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

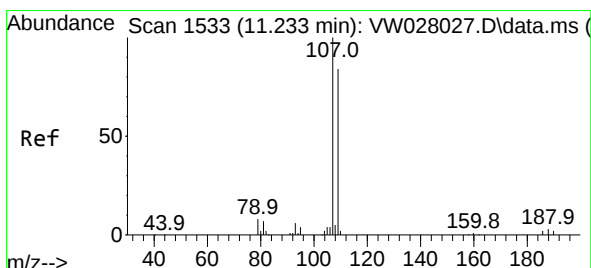
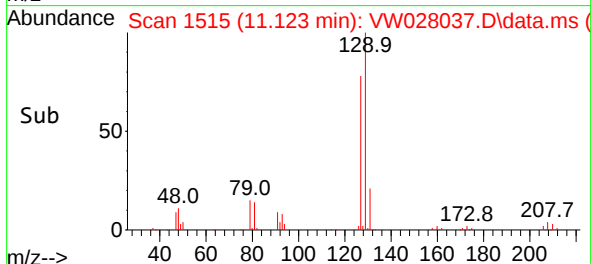
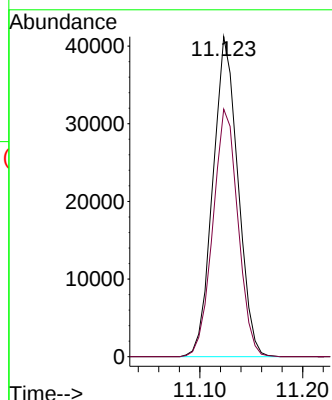
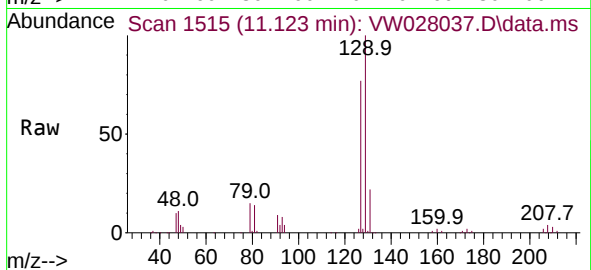
ClientSampleId :

Tgt Ion:129 Resp: 69730

Ion Ratio Lower Upper

129 100

127 77.3 49.6 92.0



#50

1,2-Dibromoethane

Concen: 26.723 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

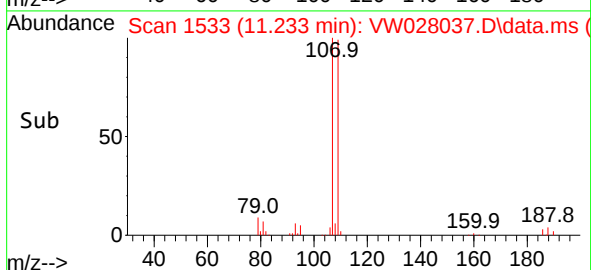
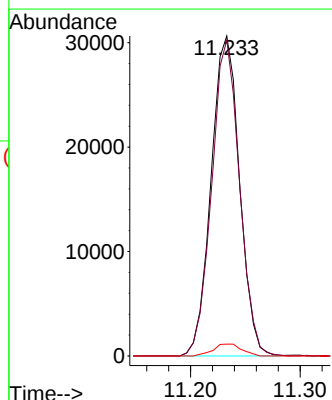
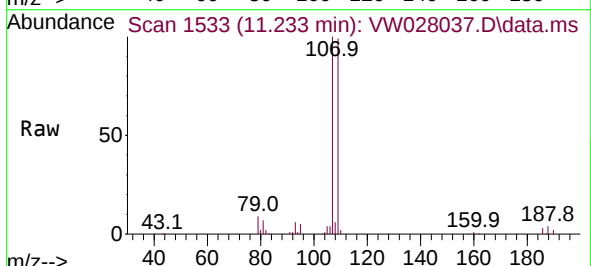
Tgt Ion:107 Resp: 55096

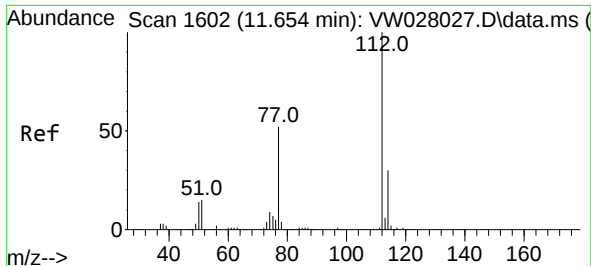
Ion Ratio Lower Upper

107 100

109 98.7 71.2 132.2

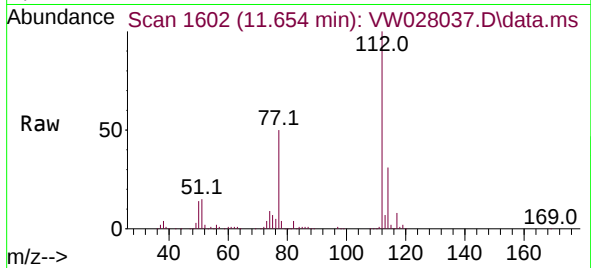
188 3.7 3.1 4.7



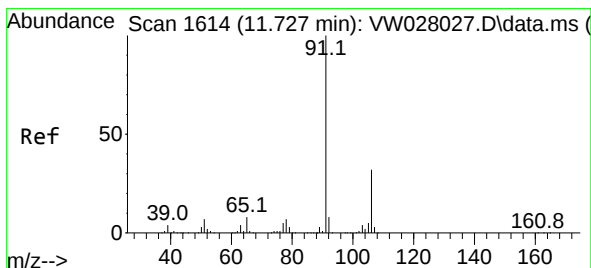
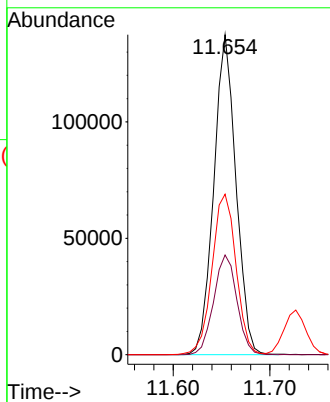
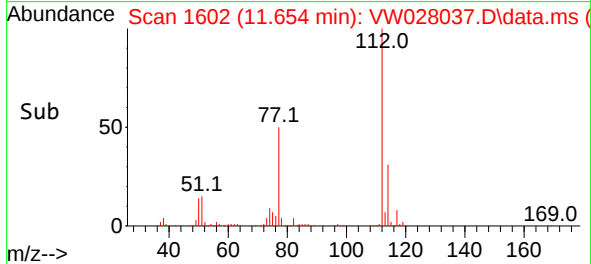


#51
Chlorobenzene
Concen: 24.665 ug/L
RT: 11.654 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Instrument :
MSVOA_W
ClientSampleId :

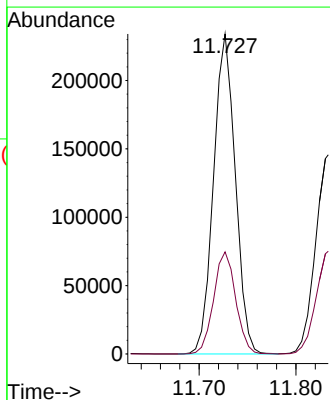
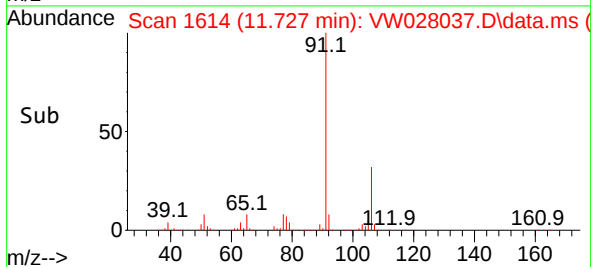
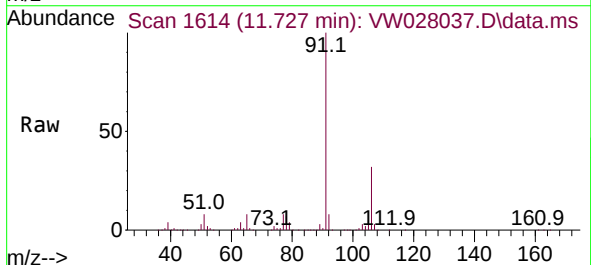


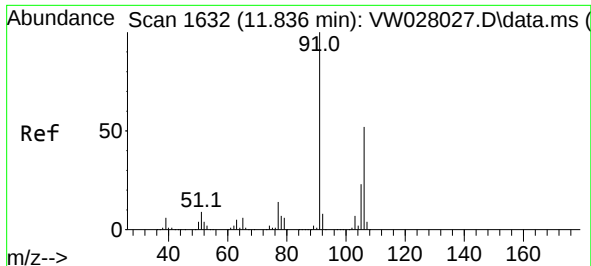
Tgt Ion:112 Resp: 218438
Ion Ratio Lower Upper
112 100
114 31.2 22.7 42.3
77 50.1 42.6 64.0



#52
Ethylbenzene
Concen: 24.357 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 91 Resp: 365655
Ion Ratio Lower Upper
91 100
106 31.9 22.8 42.4

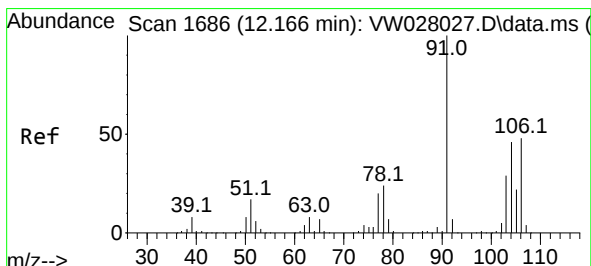
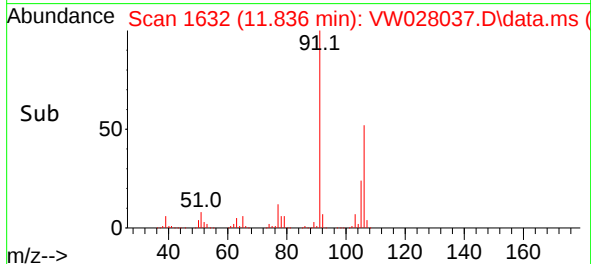
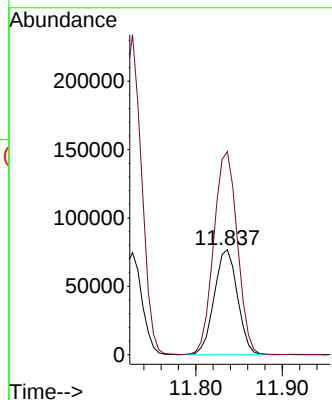
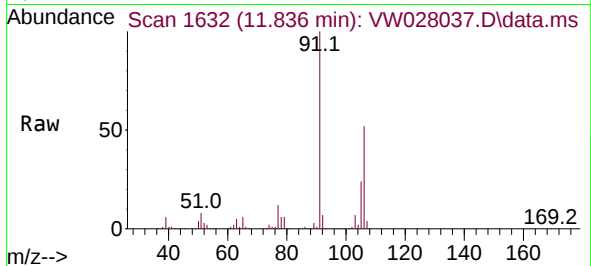




#53
m,p-Xylene
Concen: 24.335 ug/L
RT: 11.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

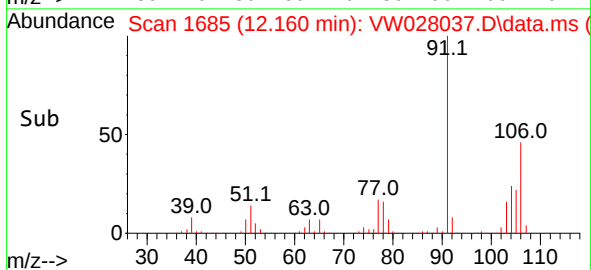
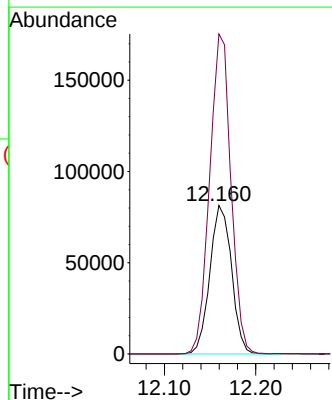
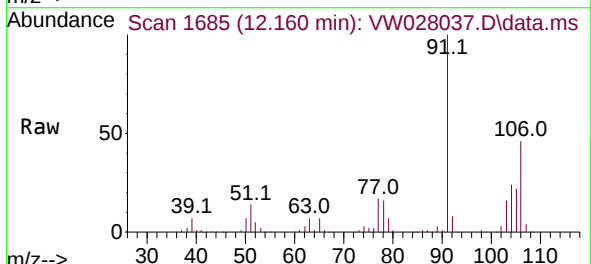
Instrument :
MSVOA_W
ClientSampleId :

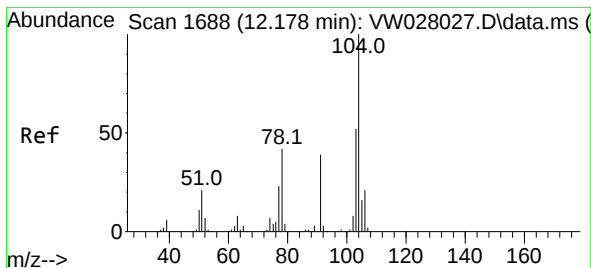
Tgt Ion:106 Resp: 143273
Ion Ratio Lower Upper
106 100
91 193.3 130.0 241.4



#54
o-Xylene
Concen: 24.258 ug/L
RT: 12.160 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion:106 Resp: 133949
Ion Ratio Lower Upper
106 100
91 215.5 146.4 272.0





#55

Styrene

Concen: 25.506 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

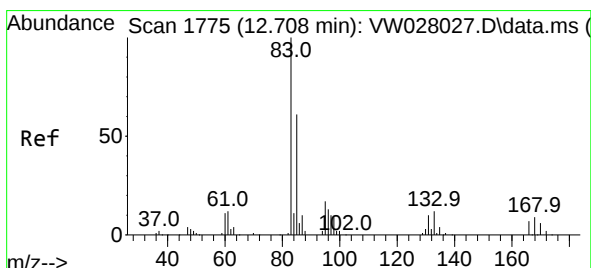
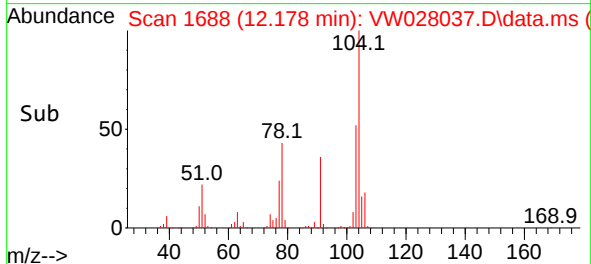
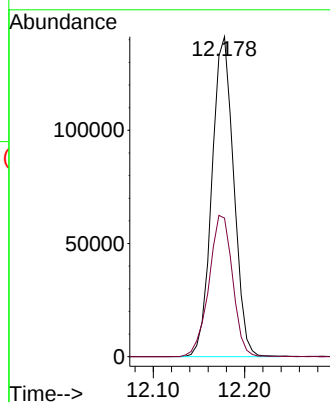
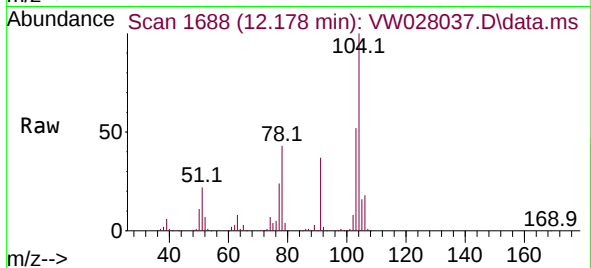
ClientSampleId :

Tgt Ion:104 Resp: 234584

Ion Ratio Lower Upper

104 100

78 43.3 28.3 52.7



#57

1,1,2,2-Tetrachloroethane

Concen: 28.505 ug/L

RT: 12.708 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

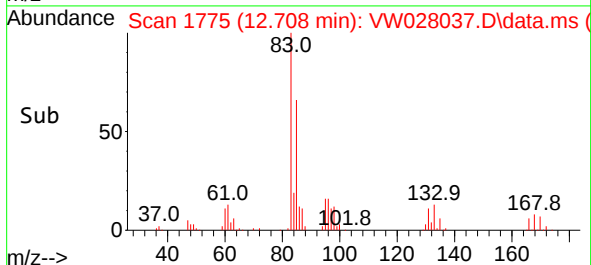
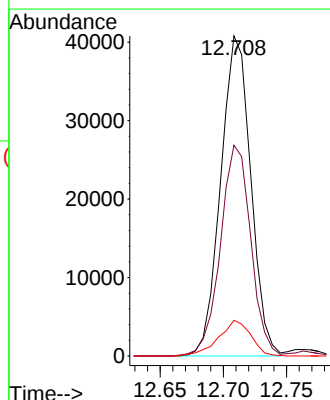
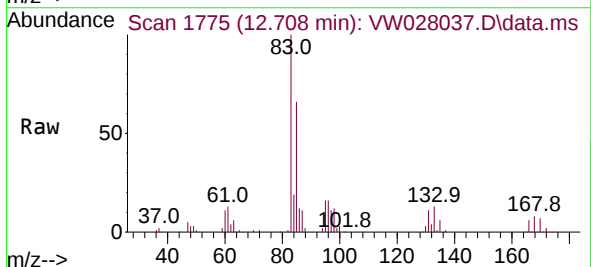
Tgt Ion: 83 Resp: 67426

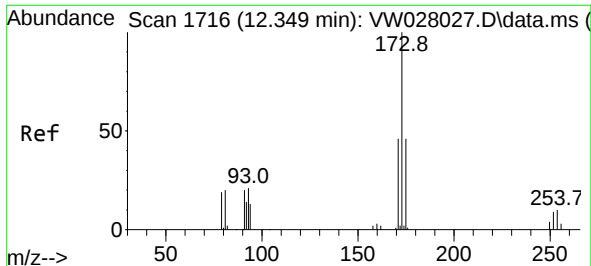
Ion Ratio Lower Upper

83 100

85 65.9 42.9 79.7

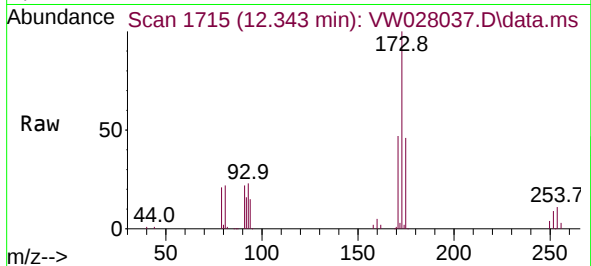
131 11.2 8.7 13.1



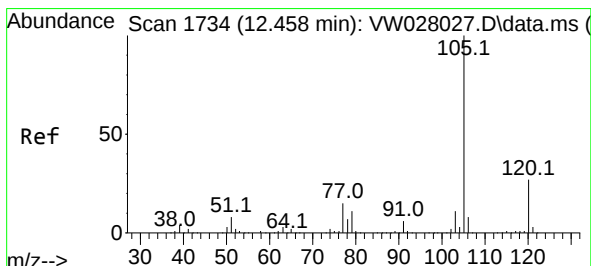
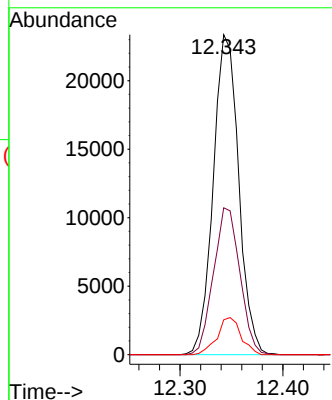
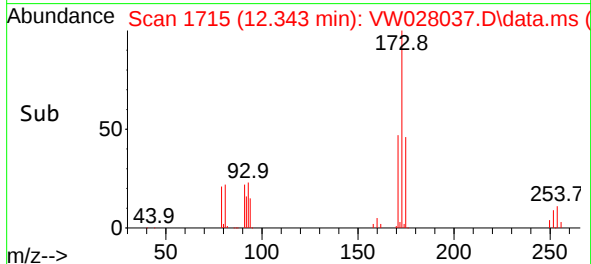


#59
Bromoform
Concen: 25.908 ug/L
RT: 12.343 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

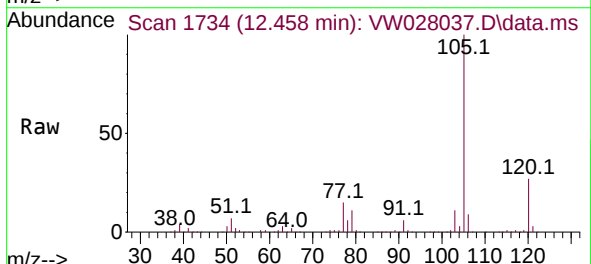
Instrument :
MSVOA_W
ClientSampleId :



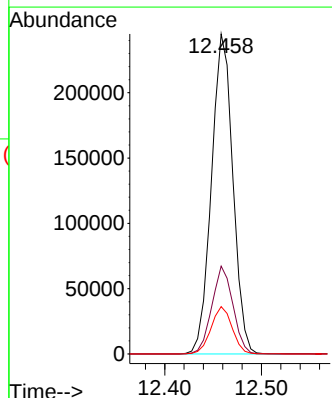
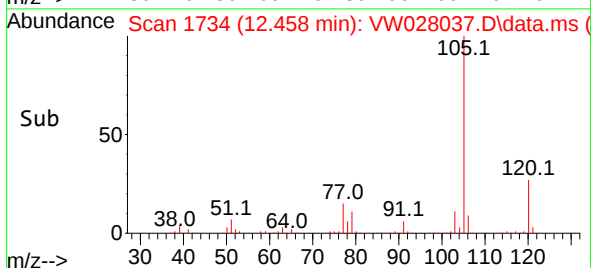
Tgt Ion:173 Resp: 40165
Ion Ratio Lower Upper
173 100
175 47.5 37.8 56.8
254 10.9 8.4 12.6

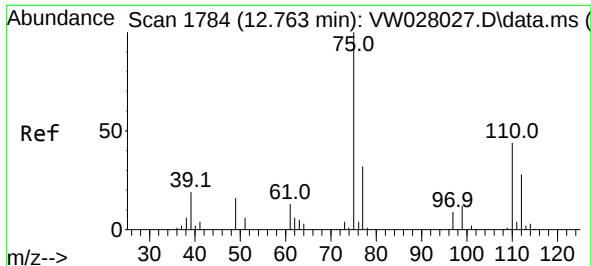


#60
Isopropylbenzene
Concen: 22.983 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08



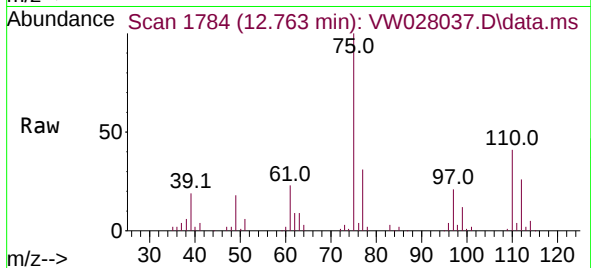
Tgt Ion:105 Resp: 376921
Ion Ratio Lower Upper
105 100
120 27.0 22.2 33.2
77 14.6 11.8 17.6



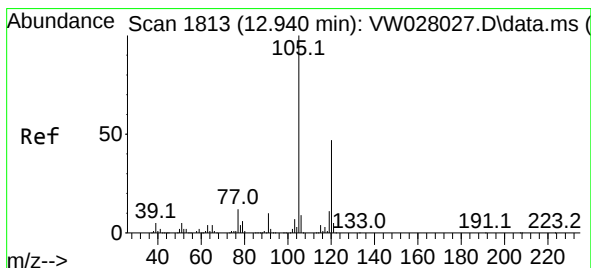
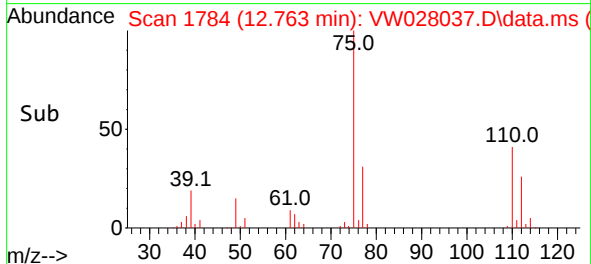
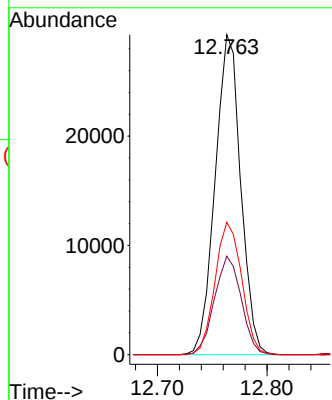


#61
1,2,3-Trichloropropane
Concen: 27.091 ug/L
RT: 12.763 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Instrument :
MSVOA_W
ClientSampleId :

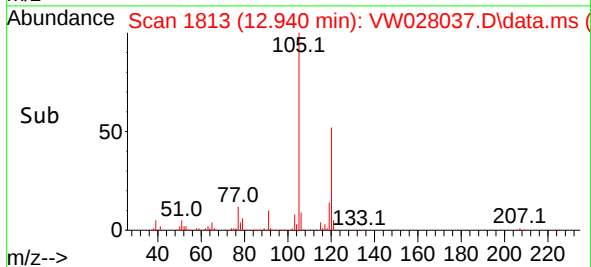
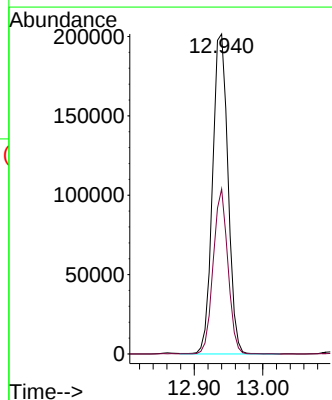
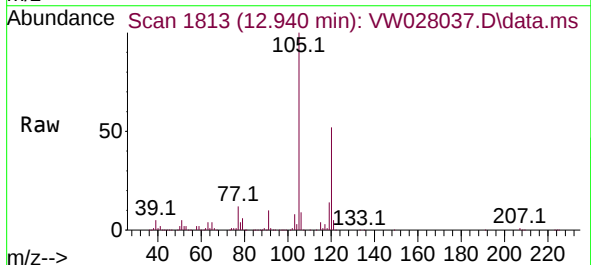


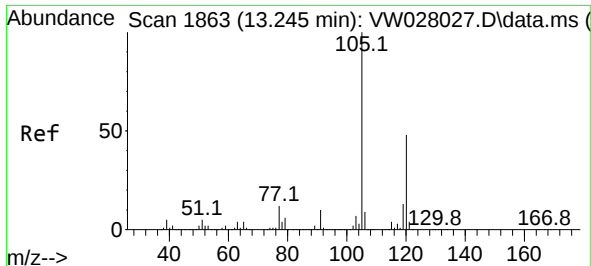
Tgt Ion: 75 Resp: 47489
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7
110 43.1 35.8 53.8



#62
1,3,5-Trimethylbenzene
Concen: 24.014 ug/L
RT: 12.940 min Scan# 1813
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion: 105 Resp: 315157
Ion Ratio Lower Upper
105 100
120 48.7 40.3 60.5

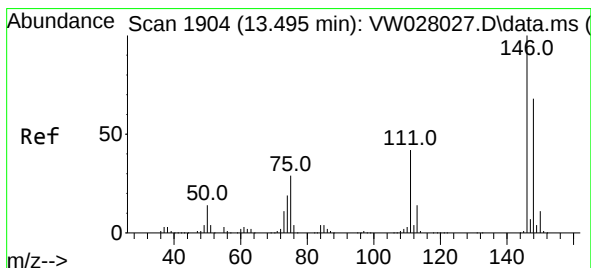
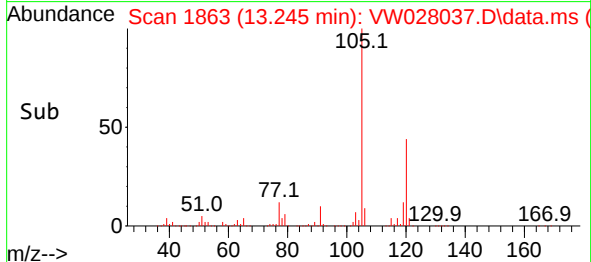
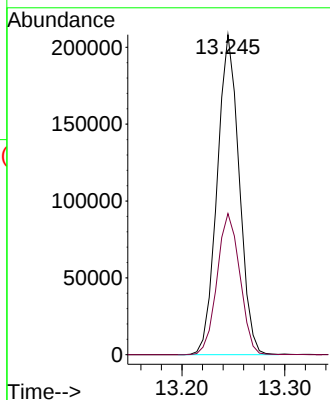
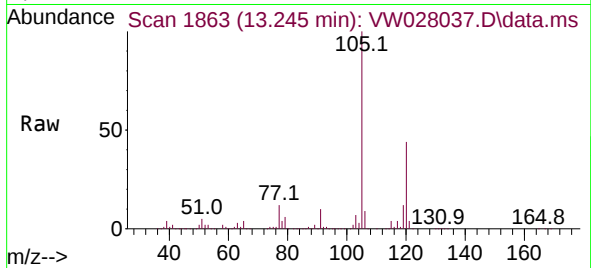




#63
1,2,4-Trimethylbenzene
Concen: 24.115 ug/L
RT: 13.245 min Scan# 1863
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

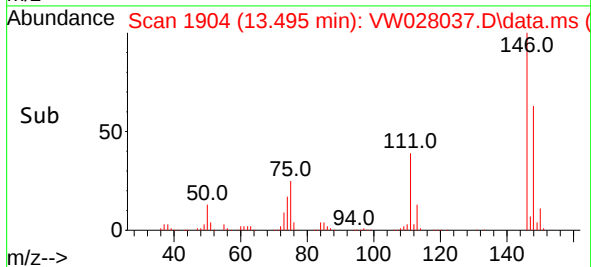
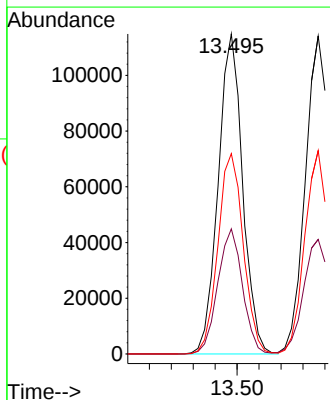
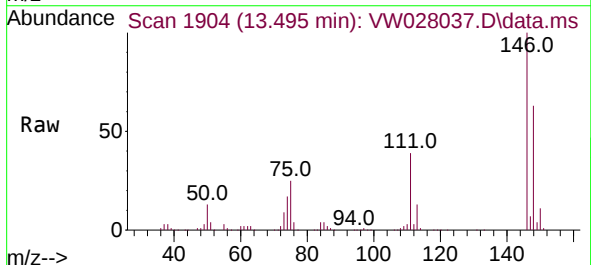
Instrument :
MSVOA_W
ClientSampleId :

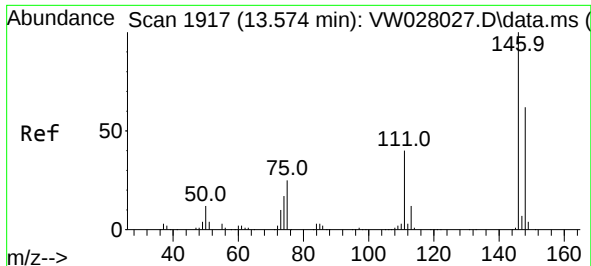
Tgt Ion:105 Resp: 309699
Ion Ratio Lower Upper
105 100
120 45.6 36.4 54.6



#64
1,3-Dichlorobenzene
Concen: 23.650 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion:146 Resp: 178172
Ion Ratio Lower Upper
146 100
111 39.1 26.9 49.9
148 62.6 41.2 76.6

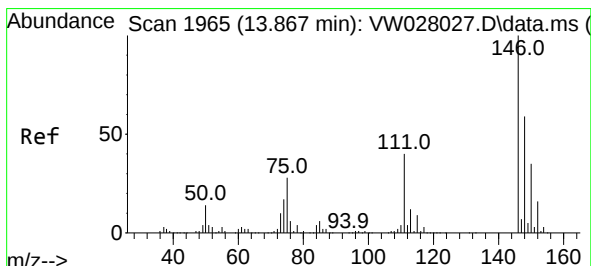
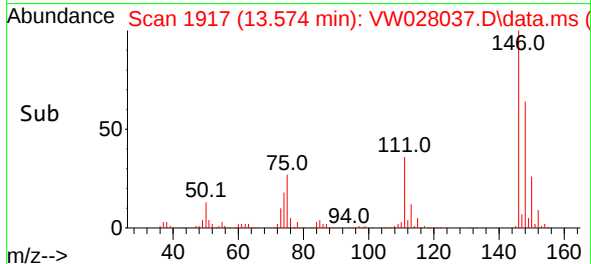
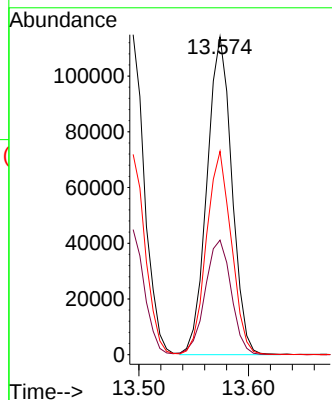
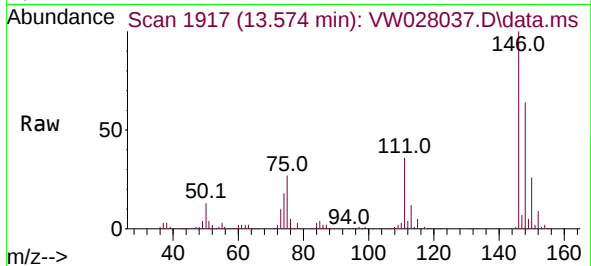




#65
1,4-Dichlorobenzene
Concen: 23.493 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

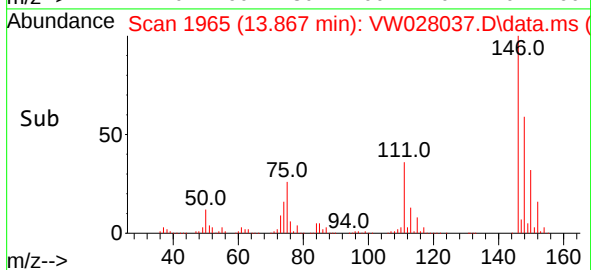
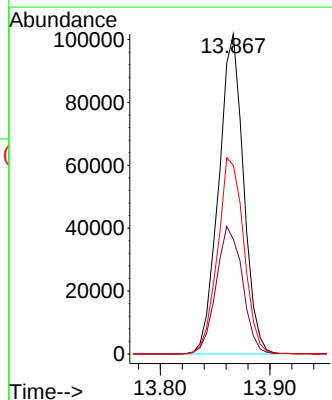
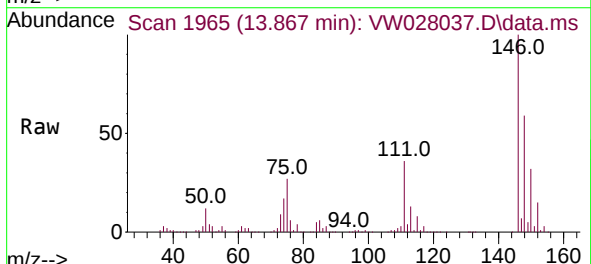
Instrument :
MSVOA_W
ClientSampleId :

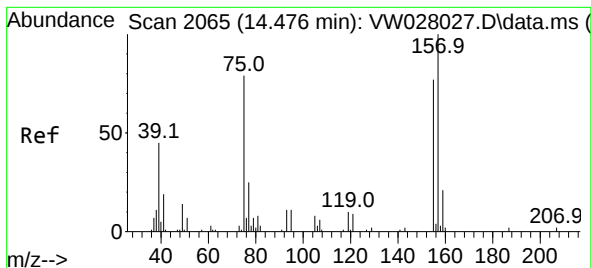
Tgt Ion:146 Resp: 179952
Ion Ratio Lower Upper
146 100
111 36.1 24.1 44.8
148 64.0 43.6 81.0



#67
1,2-Dichlorobenzene
Concen: 24.114 ug/L
RT: 13.867 min Scan# 1965
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion:146 Resp: 160461
Ion Ratio Lower Upper
146 100
111 35.8 30.6 46.0
148 59.0 48.6 72.8

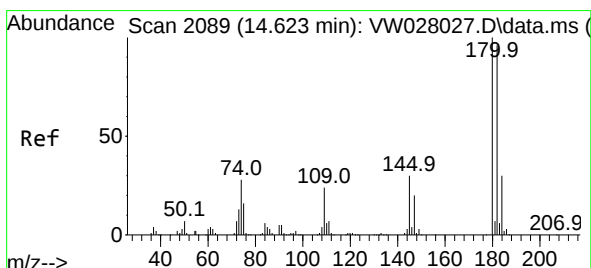
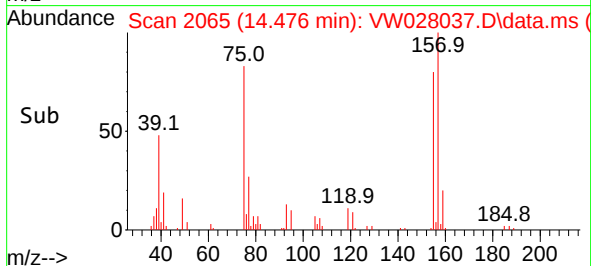
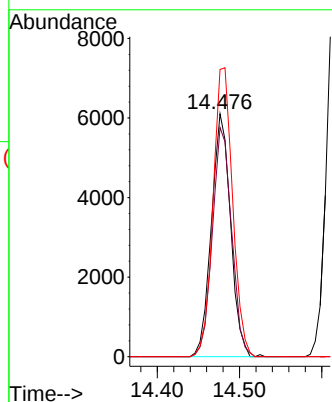
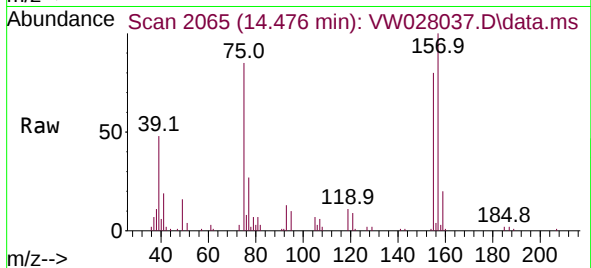




#68
1,2-Dibromo-3-chloropropane
Concen: 28.343 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

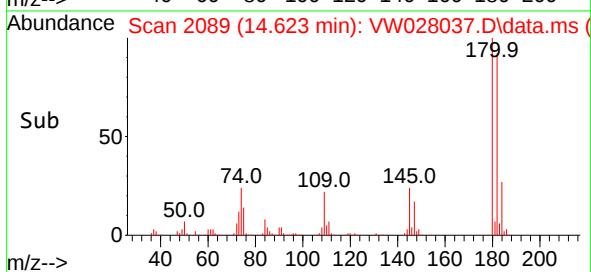
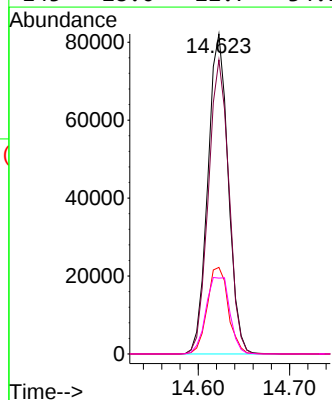
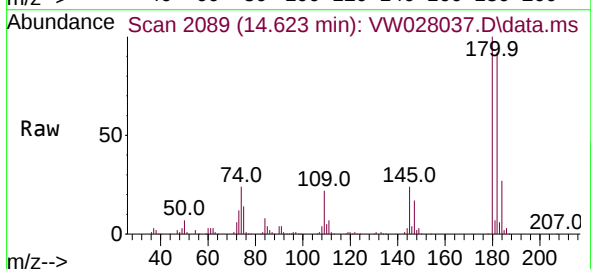
Instrument :
MSVOA_W
ClientSampleId :

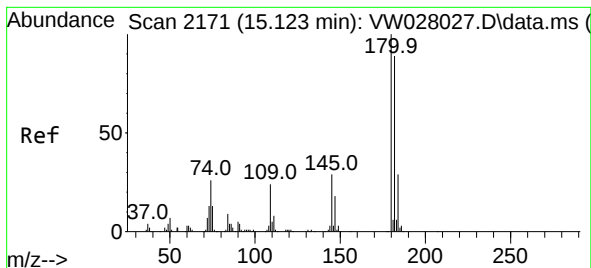
Tgt Ion: 75 Resp: 9864
Ion Ratio Lower Upper
75 100
155 94.3 68.7 103.1
157 118.3 96.7 145.1



#69
1,3,5-Trichlorobenzene
Concen: 23.474 ug/L
RT: 14.623 min Scan# 2089
Delta R.T. 0.000 min
Lab File: VW028037.D
Acq: 16 Feb 2024 17:08

Tgt Ion:180 Resp: 126991
Ion Ratio Lower Upper
180 100
182 92.4 72.1 108.1
184 28.1 24.4 36.6
145 28.0 22.7 34.1





#70

1,2,4-trichlorobenzene

Concen: 23.530 ug/L

RT: 15.129 min Scan# 2171

Delta R.T. 0.006 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

Instrument :

MSVOA_W

ClientSampleId :

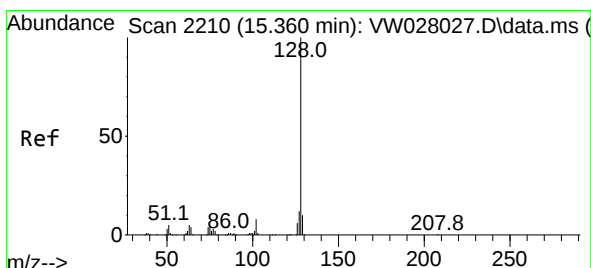
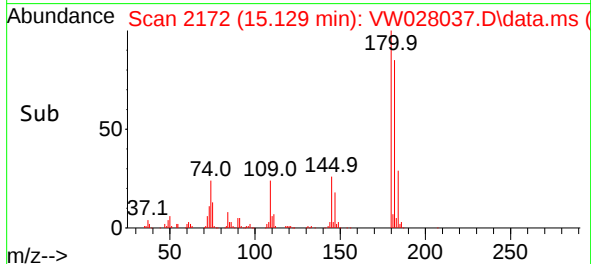
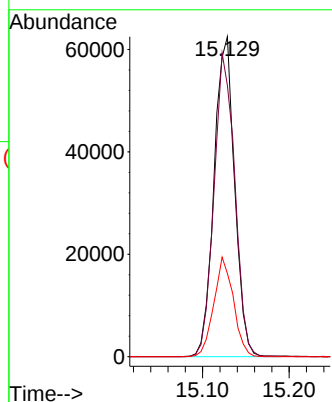
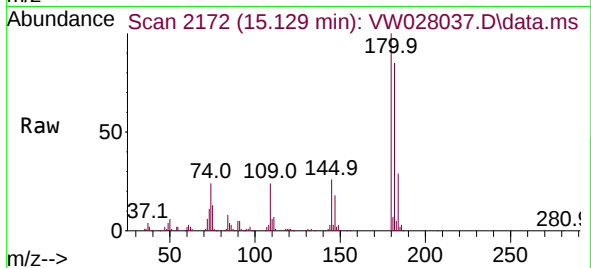
Tgt Ion:180 Resp: 102792

Ion Ratio Lower Upper

180 100

182 96.0 77.0 115.6

145 29.7 23.4 35.0



#71

Naphthalene

Concen: 27.929 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW028037.D

Acq: 16 Feb 2024 17:08

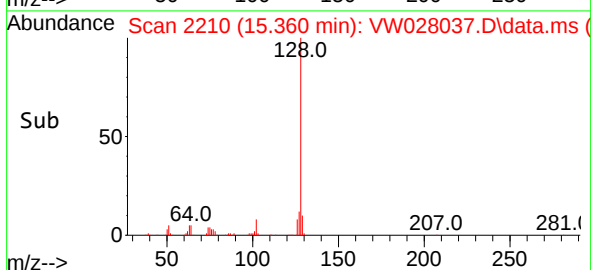
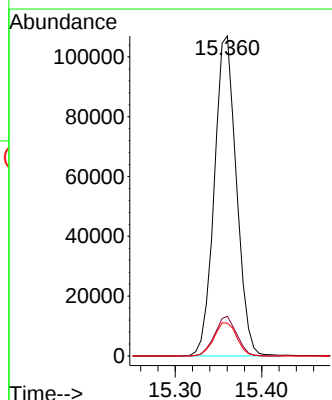
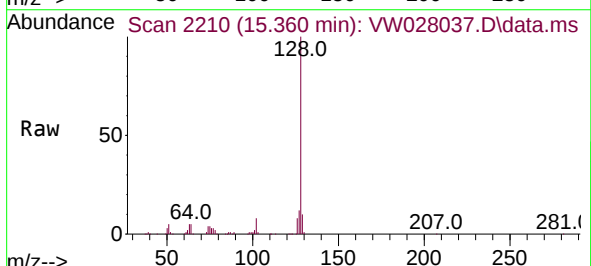
Tgt Ion:128 Resp: 189599

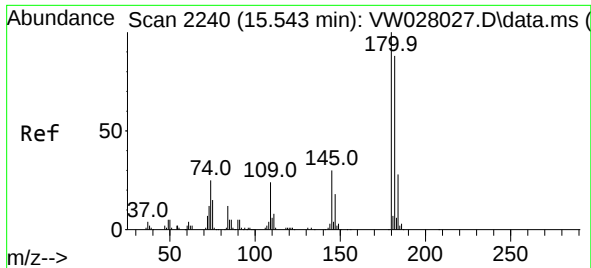
Ion Ratio Lower Upper

128 100

127 12.3 10.2 15.4

129 10.8 8.4 12.6





#72
 1,2,3-Trichlorobenzene
 Concen: 23.192 ug/L
 RT: 15.549 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028037.D
 Acq: 16 Feb 2024 17:08

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:180 Resp: 84532
 Ion Ratio Lower Upper
 180 100
 182 102.4 76.5 114.7
 145 33.7 25.8 38.8

