

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021624\
 Data File : VW028027.D
 Acq On : 16 Feb 2024 09:17
 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 18 23:49:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 15 20:52:49 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	247004	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	224436	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	121782	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	61961	21.418	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.680%
7) Chloroethane-d5	2.905	69	55021	25.075	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	100.280%
11) 1,1-Dichloroethene-d2	4.027	65	27628	22.319	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.280%
21) 2-Butanone-d5	7.081	46	26930	59.910	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.820%
24) Chloroform-d	7.648	84	139541	24.161	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.640%
26) 1,2-Dichloroethane-d4	8.307	65	67035	25.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	8.276	84	280023	23.320	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.276	67	76594	23.526	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.120%
41) Toluene-d8	10.325	98	272045	23.678	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	94.720%
43) trans-1,3-Dichloroprop...	10.575	79	33414	24.956	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.840%
47) 2-Hexanone-d5	10.922	63	25077	56.626	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.260%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64745	26.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	96922	23.415	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	51945	24.421	ug/L	97
3) Chloromethane	2.228	50	47475	20.323	ug/L	96
5) Vinyl chloride	2.375	62	70742	22.343	ug/L	95
6) Bromomethane	2.795	94	50534	22.588	ug/L	93
8) Chloroethane	2.942	64	45337	25.343	ug/L	95
9) Trichlorofluoromethane	3.271	101	68326	23.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.082	101	72307	24.930	ug/L	97
12) 1,1-Dichloroethene	4.045	96	64696	23.978	ug/L	98
13) Acetone	4.118	43	28689	65.635	ug/L	97
14) Carbon disulfide	4.399	76	171822	21.511	ug/L	100
15) Methyl Acetate	4.673	43	19146	26.312	ug/L	96
16) Methylene chloride	4.929	84	69284	22.442	ug/L	98
17) trans-1,2-Dichloroethene	5.429	96	67449	23.268	ug/L	95
18) Methyl tert-butyl Ether	5.429	73	89014	25.902	ug/L	99
19) 1,1-Dichloroethane	6.222	63	115415	24.508	ug/L	99
20) cis-1,2-Dichloroethene	7.173	96	75638	24.710	ug/L	98
22) 2-Butanone	7.173	43	29772	59.006	ug/L	97
23) Bromochloromethane	7.514	128	34185	25.141	ug/L	86
25) Chloroform	7.679	83	129037	25.489	ug/L	96

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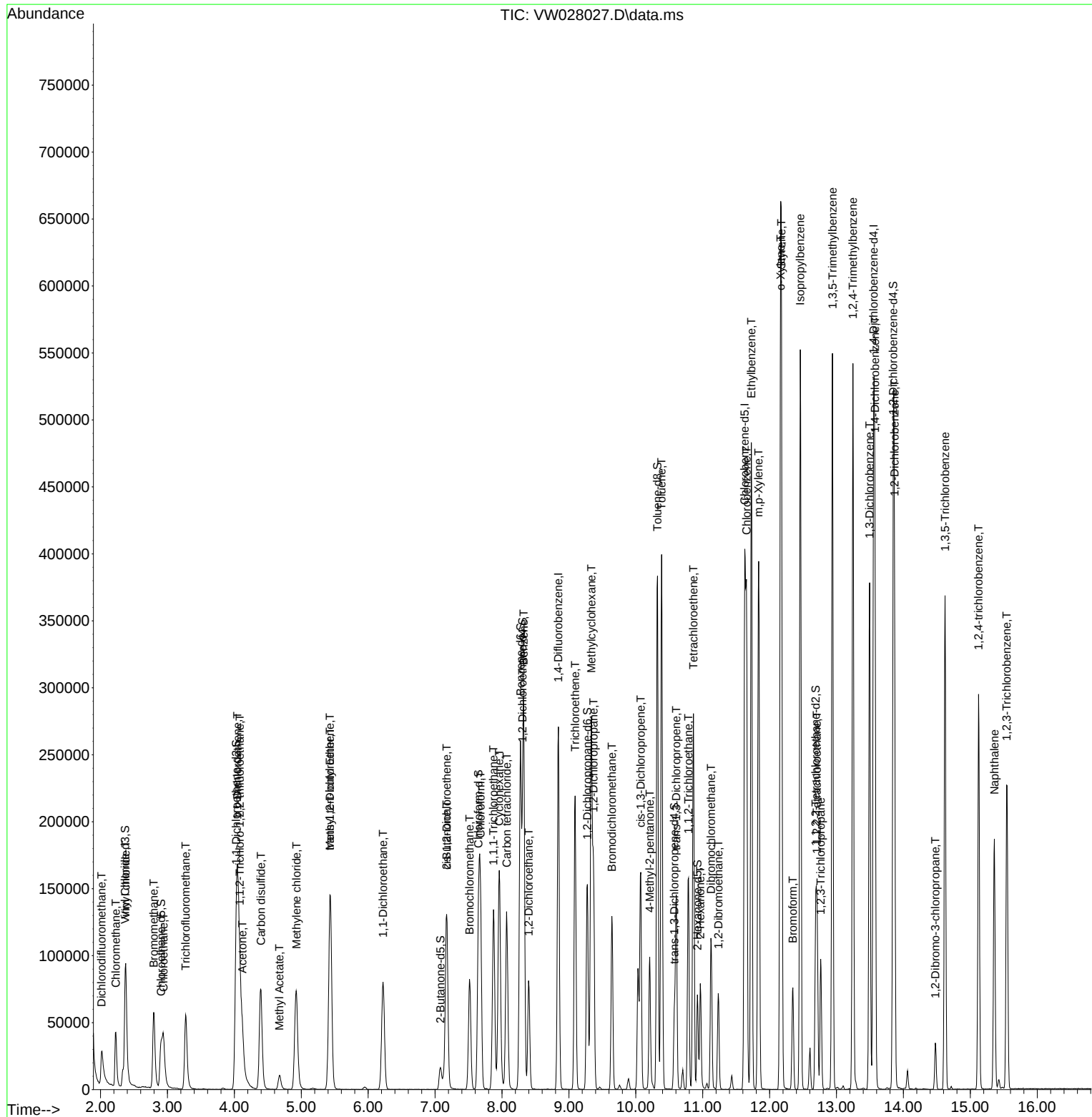
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	75231	26.685	ug/L	96
29) Cyclohexane	7.959	56	93345	23.335	ug/L	98
30) 1,1,1-Trichloroethane	7.874	97	112446	25.954	ug/L	98
31) Carbon tetrachloride	8.069	117	102927	25.679	ug/L	99
33) Benzene	8.325	78	269708	24.060	ug/L	100
34) Trichloroethene	9.093	95	76792	23.863	ug/L	96
35) Methylcyclohexane	9.337	83	123514	23.325	ug/L	99
37) 1,2-Dichloropropane	9.367	63	65128	24.724	ug/L	100
38) Bromodichloromethane	9.642	83	89604	25.484	ug/L	100
39) cis-1,3-Dichloropropene	10.075	75	105872	25.076	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	58399	58.738	ug/L	99
42) Toluene	10.386	91	308473	24.543	ug/L	100
44) trans-1,3-Dichloropropene	10.605	75	85286	25.450	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	53298	25.563	ug/L	97
46) Tetrachloroethene	10.861	164	65111	24.046	ug/L	95
48) 2-Hexanone	10.965	43	44923	59.654	ug/L	98
49) Dibromochloromethane	11.123	129	64251	27.030	ug/L	90
50) 1,2-Dibromoethane	11.233	107	50874	26.141	ug/L	83
51) Chlorobenzene	11.654	112	206346	24.684	ug/L	97
52) Ethylbenzene	11.727	91	350220	24.714	ug/L	100
53) m,p-Xylene	11.836	106	136772	24.611	ug/L	95
54) o-Xylene	12.166	106	130962	25.126	ug/L	99
55) Styrene	12.178	104	221757	25.544	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.708	83	60395	27.050	ug/L	100
59) Bromoform	12.349	173	36906	25.676	ug/L	98
60) Isopropylbenzene	12.458	105	371941	24.461	ug/L	98
61) 1,2,3-Trichloropropane	12.763	75	42251	25.996	ug/L	97
62) 1,3,5-Trimethylbenzene	12.940	105	304938	25.060	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	291228	24.458	ug/L	96
64) 1,3-Dichlorobenzene	13.495	146	167288	23.949	ug/L	91
65) 1,4-Dichlorobenzene	13.574	146	168838	23.773	ug/L	96
67) 1,2-Dichlorobenzene	13.867	146	144188	23.371	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.476	75	8789	27.237	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	122225	24.368	ug/L	98
70) 1,2,4-trichlorobenzene	15.123	180	97482	24.067	ug/L	99
71) Naphthalene	15.360	128	170455	27.081	ug/L	99
72) 1,2,3-Trichlorobenzene	15.543	180	86429	25.575	ug/L	97

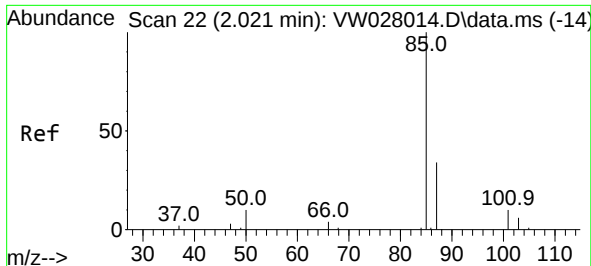
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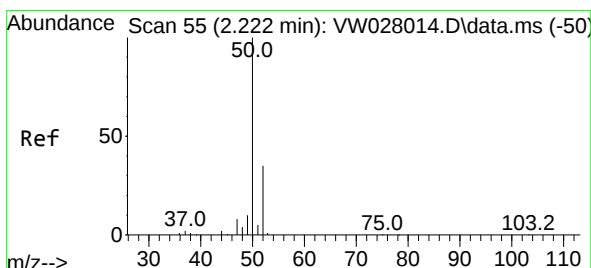
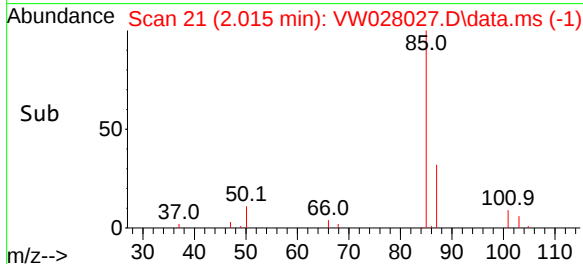
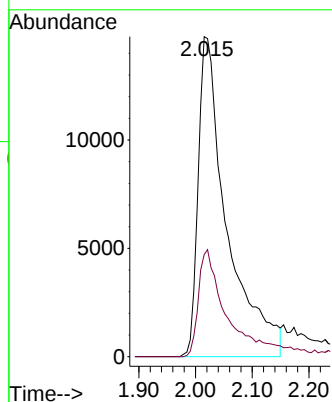
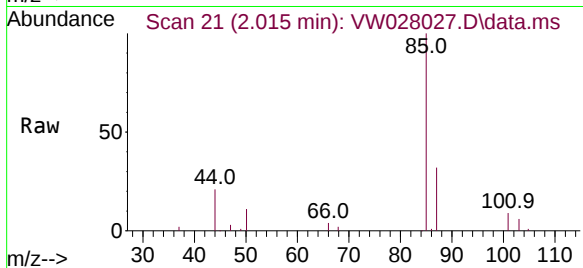




#2
 Dichlorodifluoromethane
 Concen: 24.421 ug/L
 RT: 2.015 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

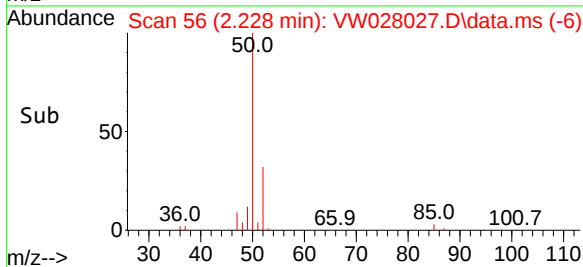
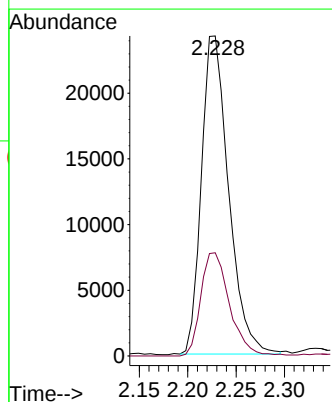
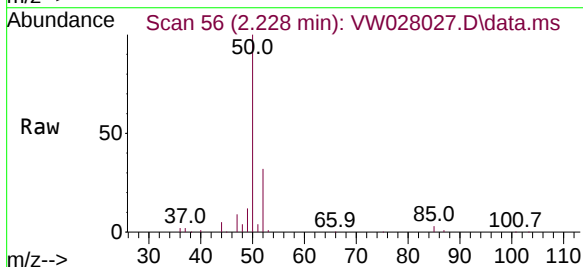
Instrument :
 MSVOA_W
 ClientSampleId :

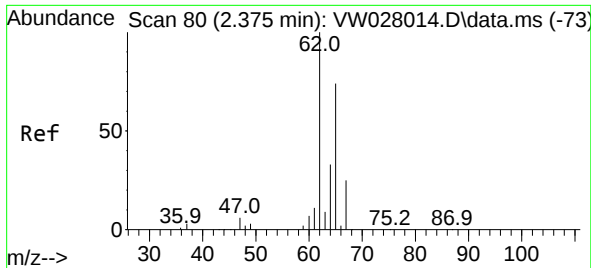
Tgt Ion: 85 Resp: 51945
 Ion Ratio Lower Upper
 85 100
 87 29.8 25.3 37.9



#3
 Chloromethane
 Concen: 20.323 ug/L
 RT: 2.228 min Scan# 56
 Delta R.T. 0.006 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

Tgt Ion: 50 Resp: 47475
 Ion Ratio Lower Upper
 50 100
 52 32.2 24.3 45.1

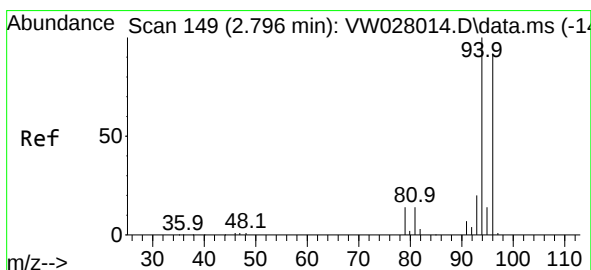
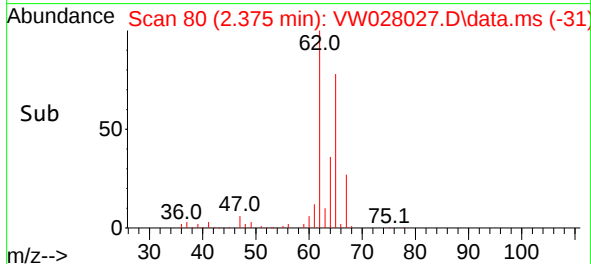
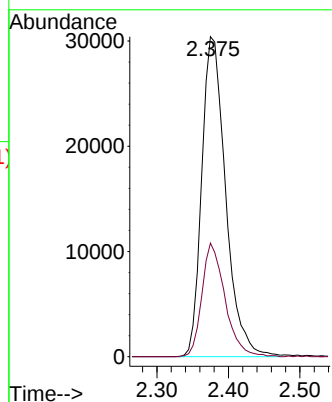
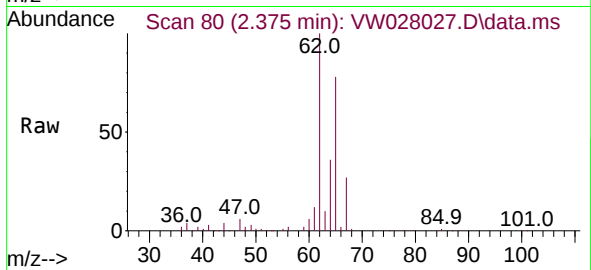




#5
 Vinyl chloride
 Concen: 22.343 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

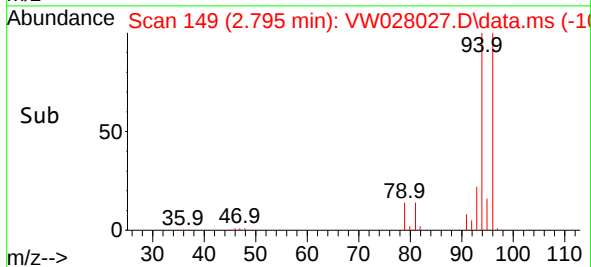
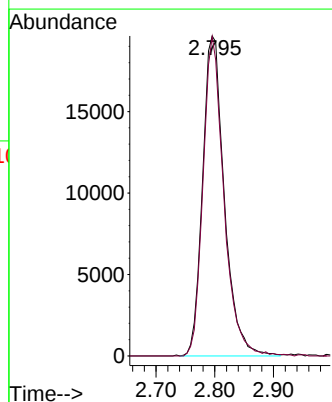
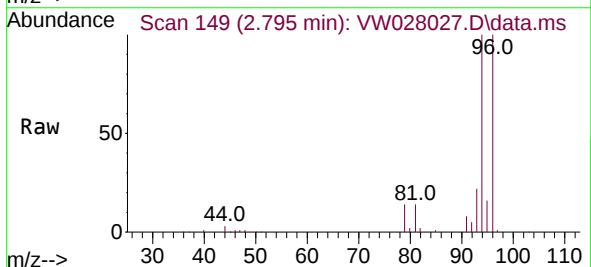
Instrument :
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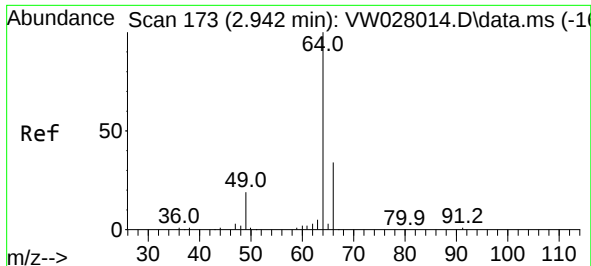
Tgt Ion: 62 Resp: 70742
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.0 42.6



#6
 Bromomethane
 Concen: 22.588 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

Tgt Ion: 94 Resp: 50534
 Ion Ratio Lower Upper
 94 100
 96 99.8 65.3 121.3

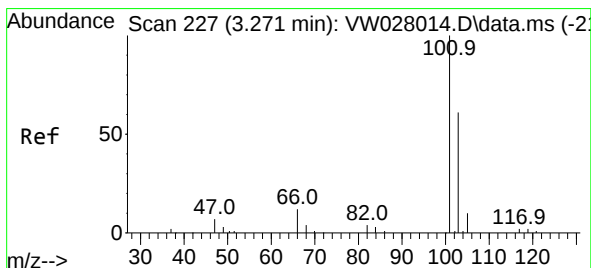
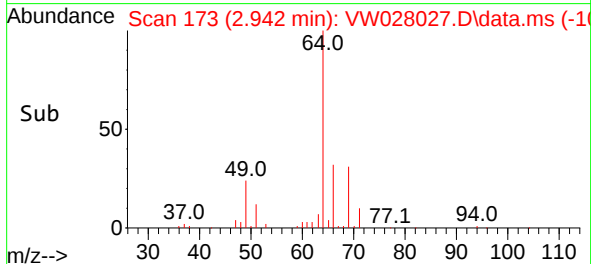
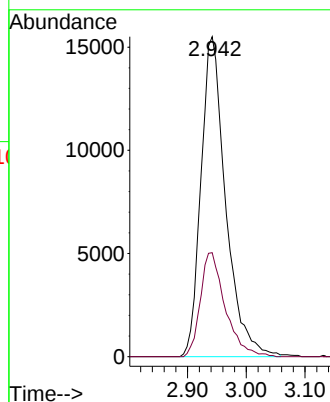
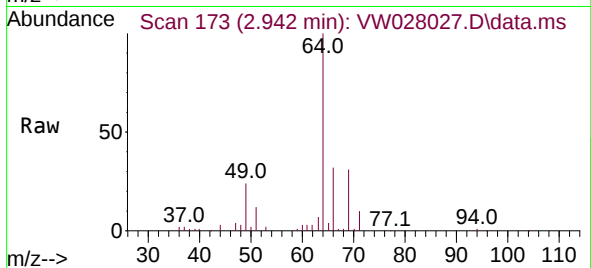




#8
Chloroethane
Concen: 25.343 ug/L
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

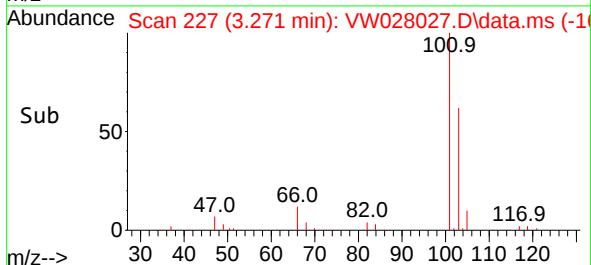
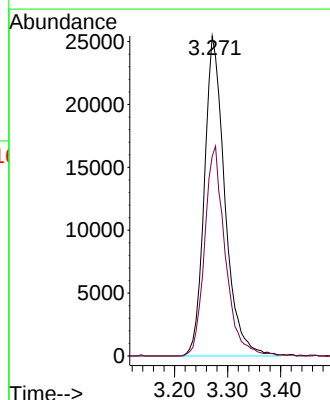
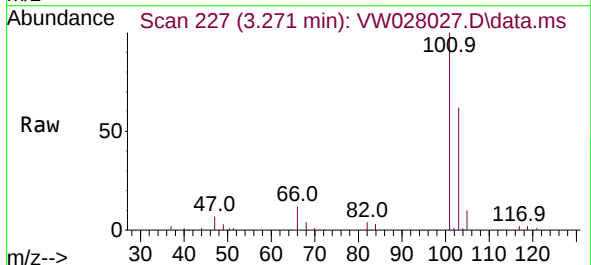
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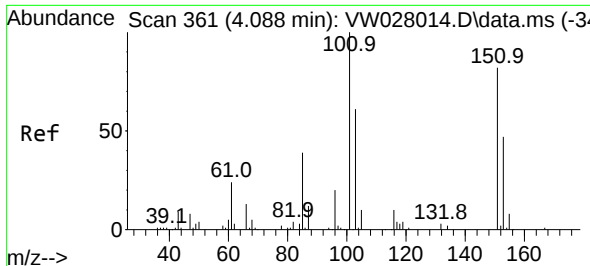
Tgt Ion: 64 Resp: 45337
Ion Ratio Lower Upper
64 100
66 32.5 20.9 38.7



#9
Trichlorofluoromethane
Concen: 23.745 ug/L
RT: 3.271 min Scan# 227
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion:101 Resp: 68326
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

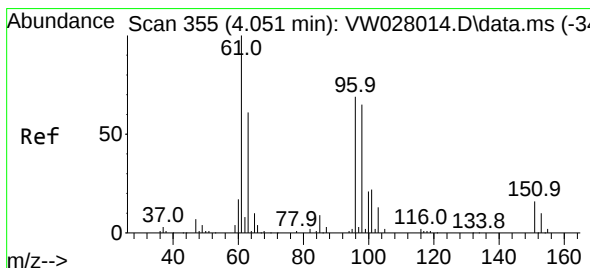
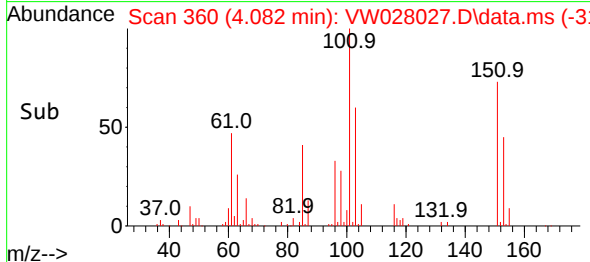
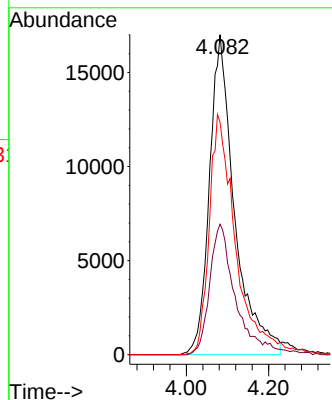
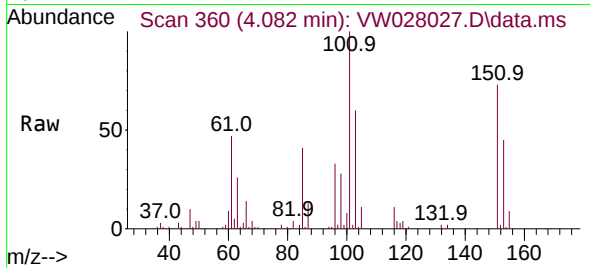




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.930 ug/L
 RT: 4.082 min Scan# 361
 Delta R.T. -0.006 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

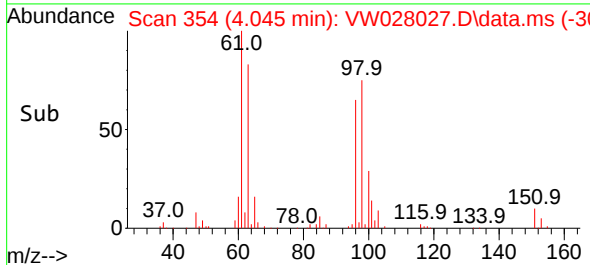
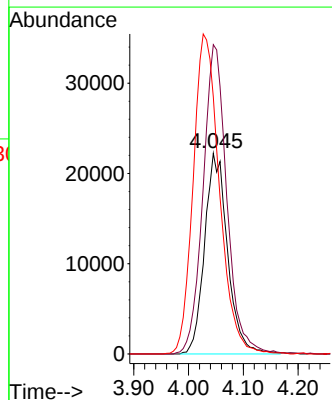
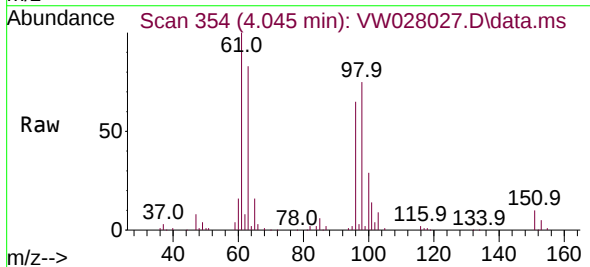
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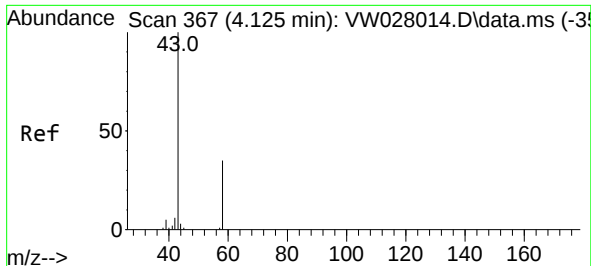
Tgt Ion:101 Resp: 72307
 Ion Ratio Lower Upper
 101 100
 85 37.7 33.8 50.6
 151 77.0 62.6 93.8



#12
 1,1-Dichloroethene
 Concen: 23.978 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

Tgt Ion: 96 Resp: 64696
 Ion Ratio Lower Upper
 96 100
 61 154.1 107.4 199.4
 63 128.0 86.0 159.6





#13

Acetone

Concen: 65.635 ug/L

RT: 4.118 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

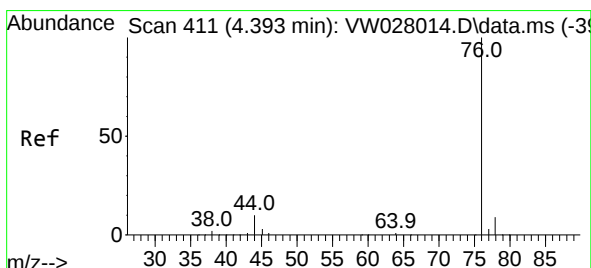
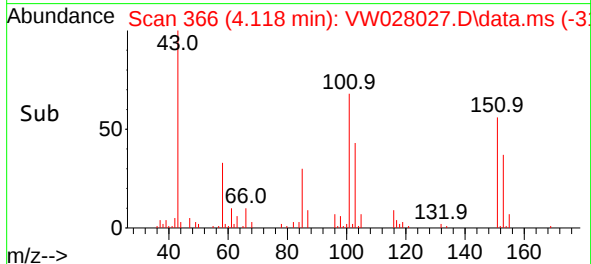
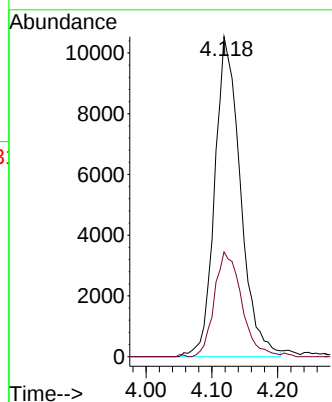
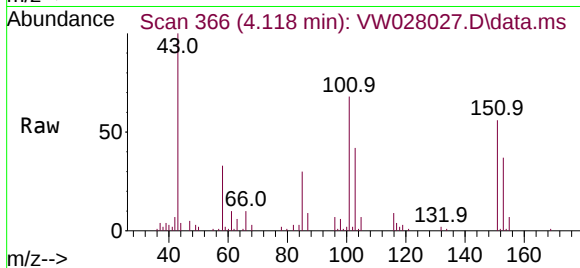
ClientSampleId :

Tgt Ion: 43 Resp: 28689

Ion Ratio Lower Upper

43 100

58 34.6 0.0 66.0



#14

Carbon disulfide

Concen: 21.511 ug/L

RT: 4.399 min Scan# 412

Delta R.T. 0.006 min

Lab File: VW028027.D

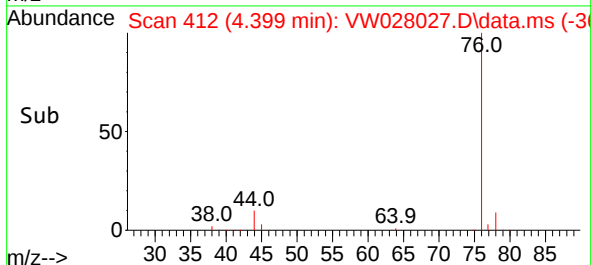
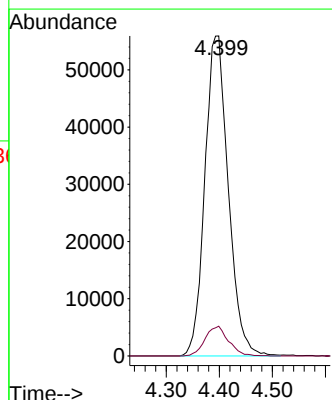
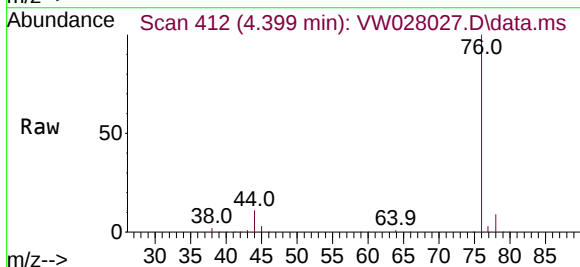
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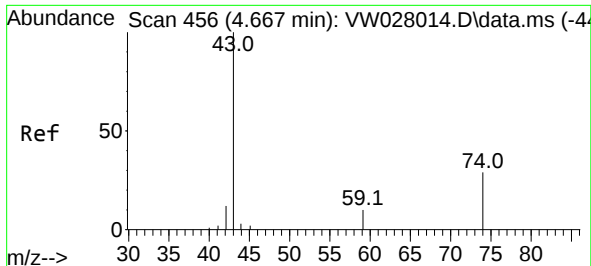
Tgt Ion: 76 Resp: 171822

Ion Ratio Lower Upper

76 100

78 9.3 7.5 11.3

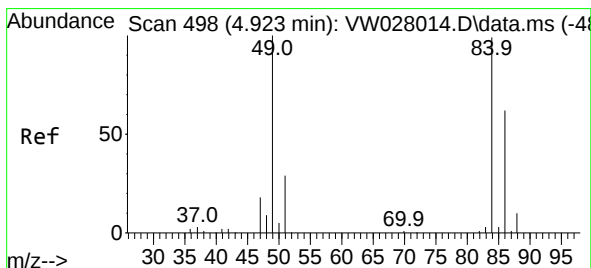
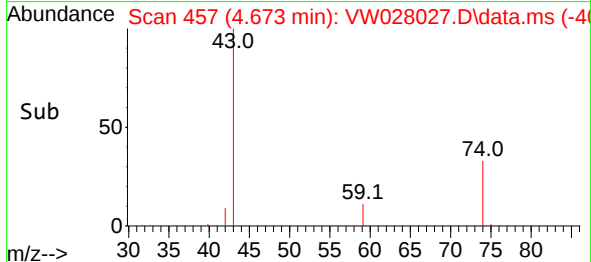
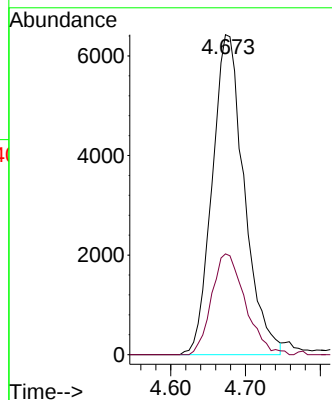
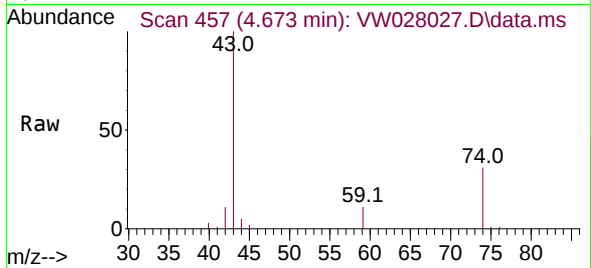




#15
Methyl Acetate
Concen: 26.312 ug/L
RT: 4.673 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

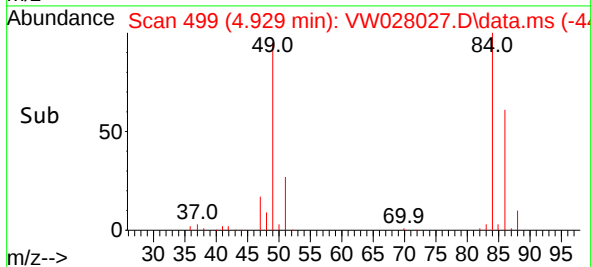
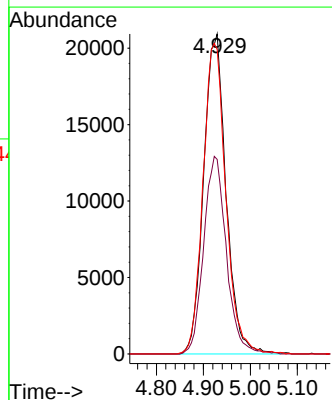
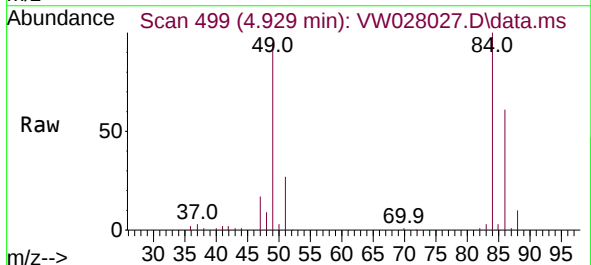
Instrument :
MSVOA_W
ClientSampleId :

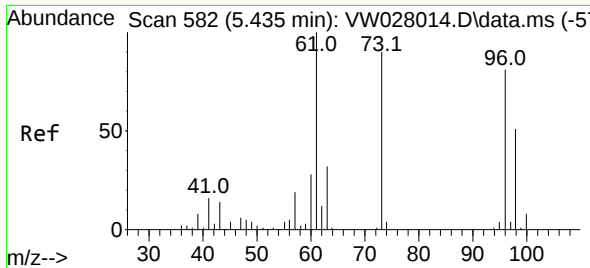
Tgt Ion: 43 Resp: 19146
Ion Ratio Lower Upper
43 100
74 32.5 24.2 36.2



#16
Methylene chloride
Concen: 22.442 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.006 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion: 84 Resp: 69284
Ion Ratio Lower Upper
84 100
86 60.8 45.4 84.4
49 95.1 66.3 123.1

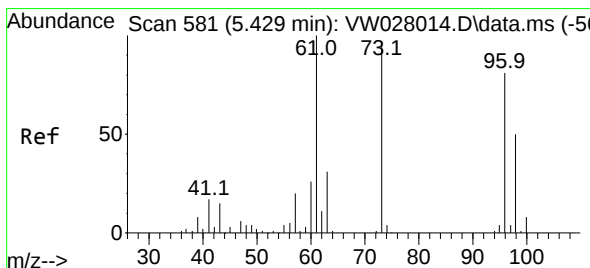
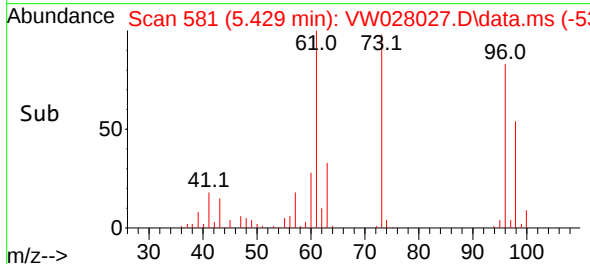
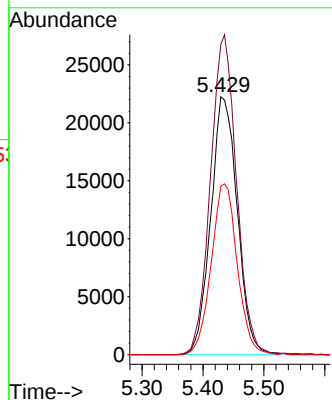
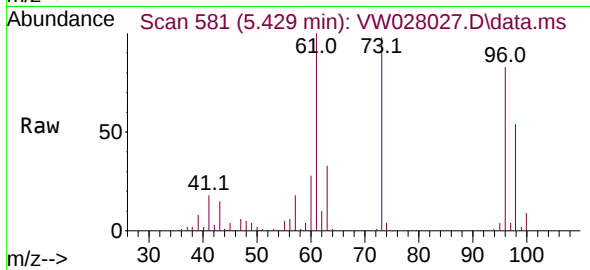




#17
trans-1,2-Dichloroethene
Concen: 23.268 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.006 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

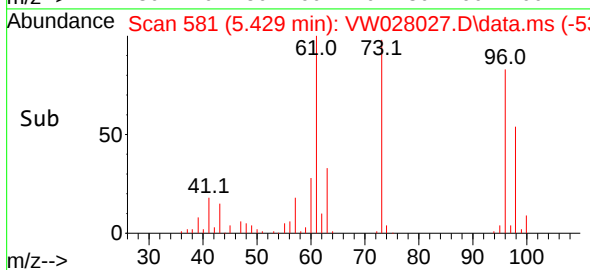
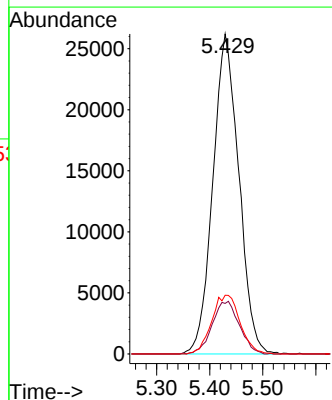
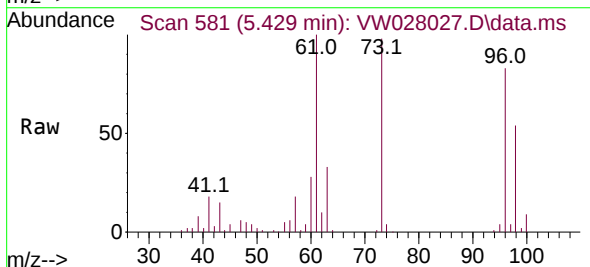
Instrument :
MSVOA_W
ClientSampleId :

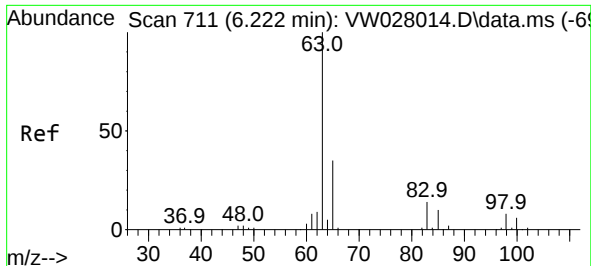
Tgt Ion: 96 Resp: 67449
Ion Ratio Lower Upper
96 100
61 120.3 80.1 148.7
98 65.4 43.8 81.4



#18
Methyl tert-butyl Ether
Concen: 25.902 ug/L
RT: 5.429 min Scan# 581
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

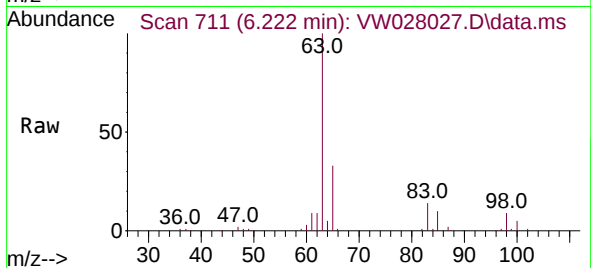
Tgt Ion: 73 Resp: 89014
Ion Ratio Lower Upper
73 100
43 17.2 13.4 20.0
57 20.1 16.3 24.5



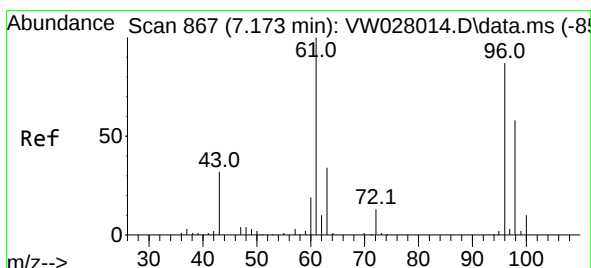
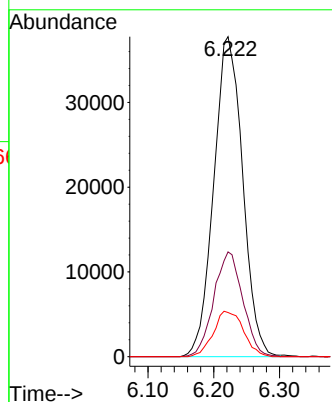
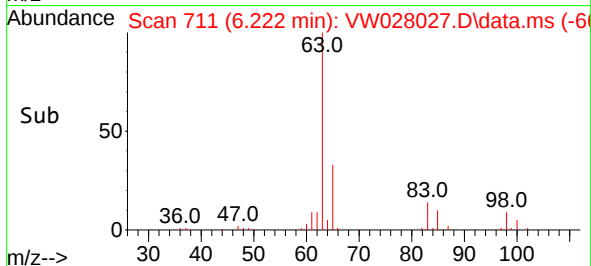


#19
1,1-Dichloroethane
Concen: 24.508 ug/L
RT: 6.222 min Scan# 711
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

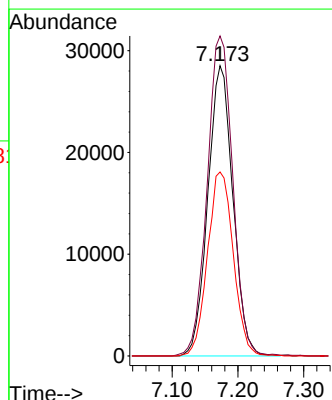
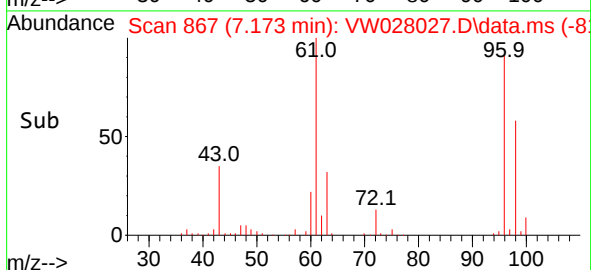
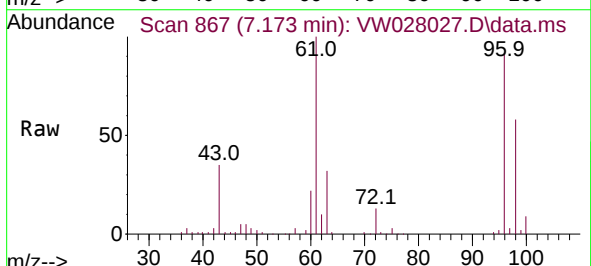


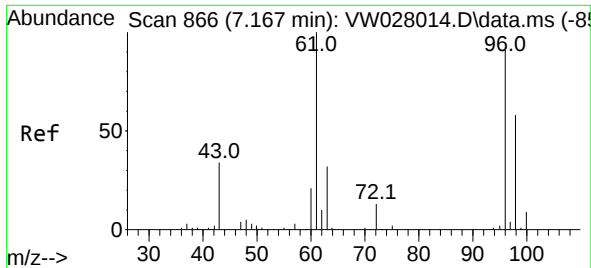
Tgt Ion: 63 Resp: 115415
Ion Ratio Lower Upper
63 100
65 32.7 23.1 42.9
83 13.8 9.9 18.3



#20
cis-1,2-Dichloroethene
Concen: 24.710 ug/L
RT: 7.173 min Scan# 867
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

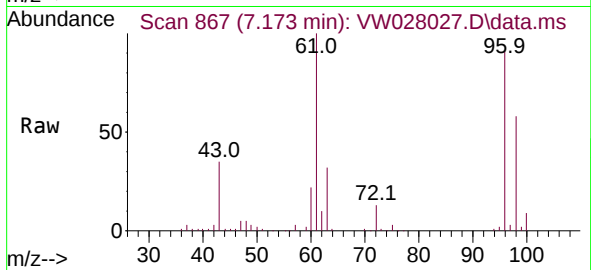
Tgt Ion: 96 Resp: 75638
Ion Ratio Lower Upper
96 100
61 110.3 76.3 141.7
98 63.4 42.9 79.7



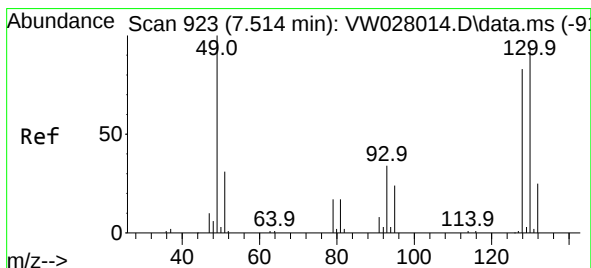
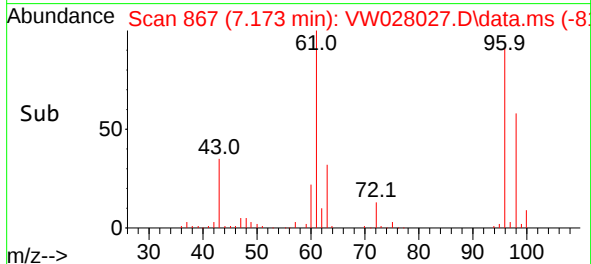
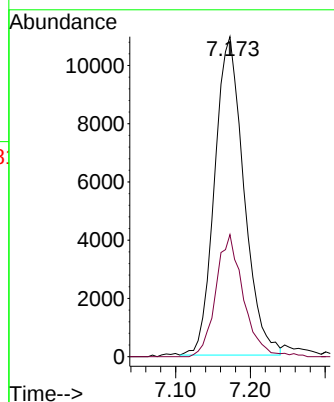


#22
2-Butanone
Concen: 59.006 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

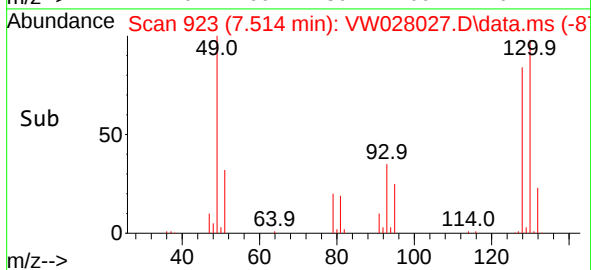
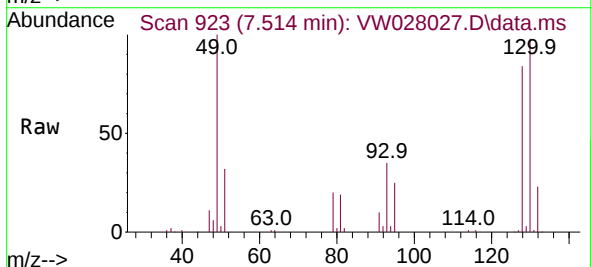
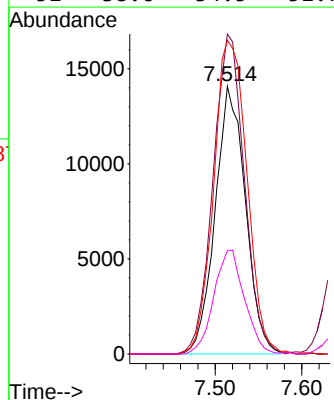


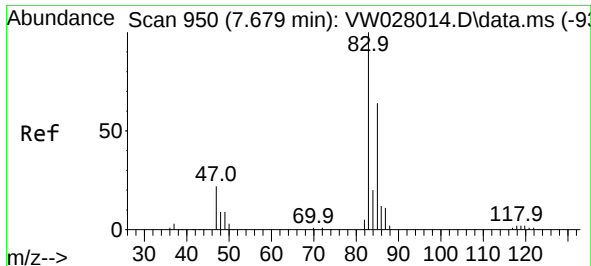
Tgt Ion: 43 Resp: 29772
Ion Ratio Lower Upper
43 100
72 35.6 17.0 50.9



#23
Bromochloromethane
Concen: 25.141 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion: 128 Resp: 34185
Ion Ratio Lower Upper
128 100
49 119.6 93.2 173.2
130 117.2 97.4 180.8
51 38.6 34.5 51.7

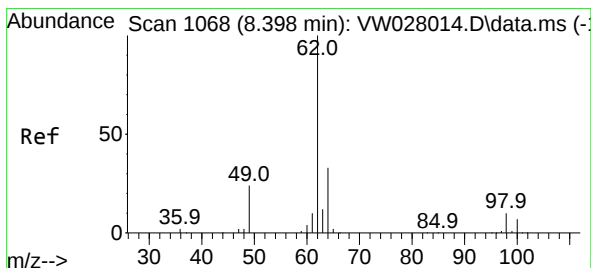
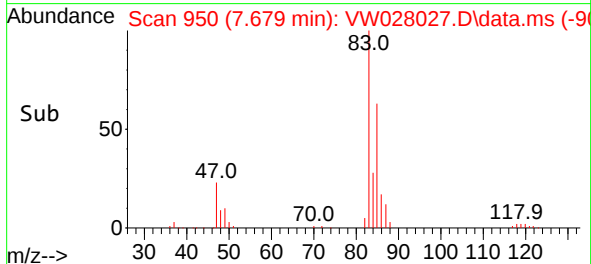
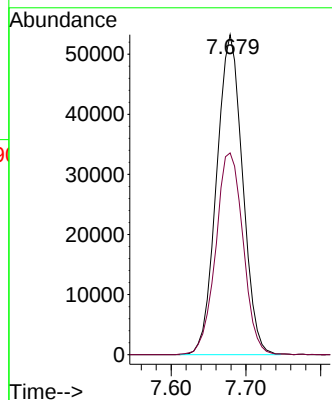
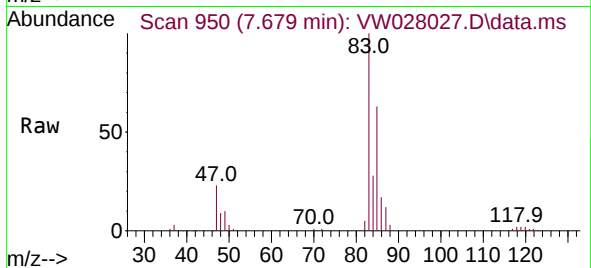




#25
Chloroform
Concen: 25.489 ug/L
RT: 7.679 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

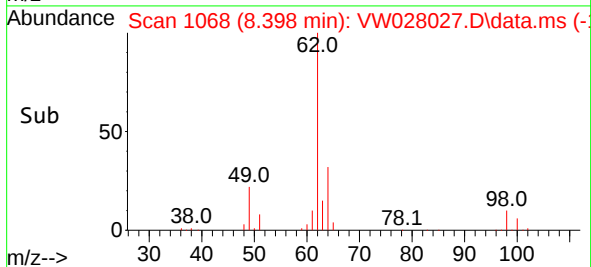
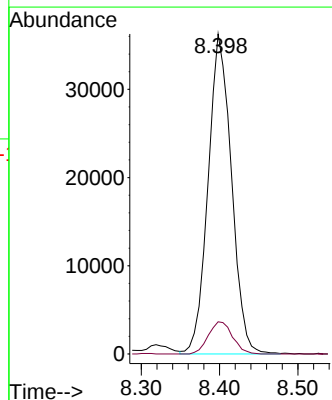
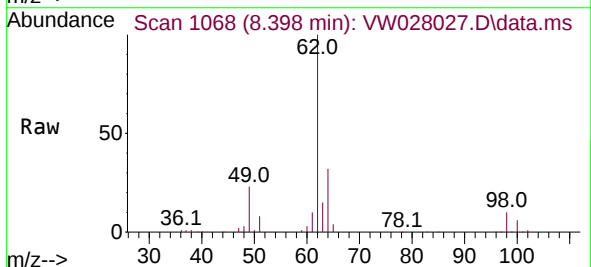
Instrument :
MSVOA_W
ClientSampleId :

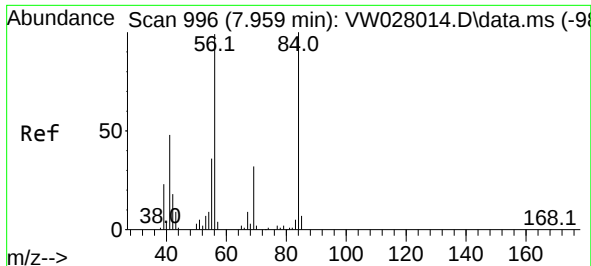
Tgt Ion: 83 Resp: 129037
Ion Ratio Lower Upper
83 100
85 63.0 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.685 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion: 62 Resp: 75231
Ion Ratio Lower Upper
62 100
98 10.1 9.4 14.2





#29

Cyclohexane

Concen: 23.335 ug/L

RT: 7.959 min Scan# 996

Delta R.T. -0.000 min

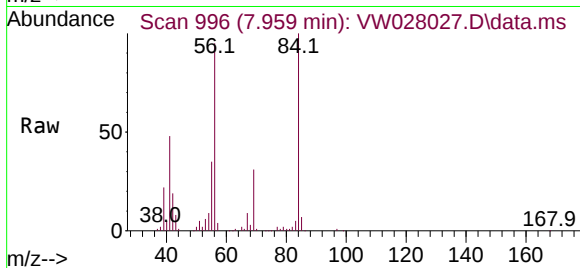
Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :



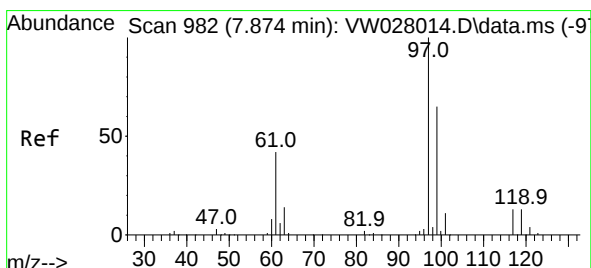
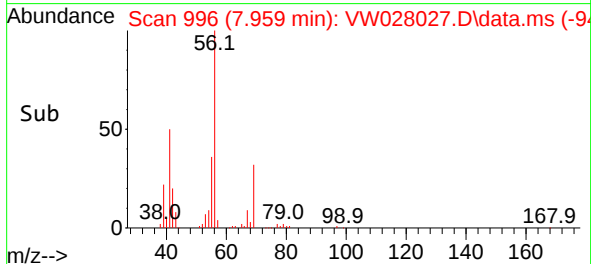
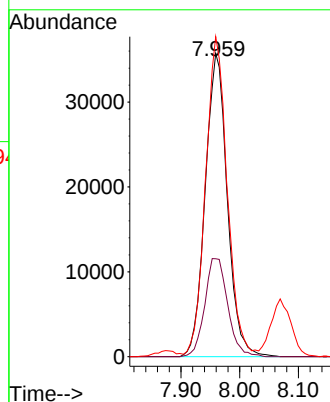
Tgt Ion: 56 Resp: 93345

Ion Ratio Lower Upper

56 100

69 33.7 26.3 39.5

84 104.1 81.6 122.4



#30

1,1,1-Trichloroethane

Concen: 25.954 ug/L

RT: 7.874 min Scan# 982

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

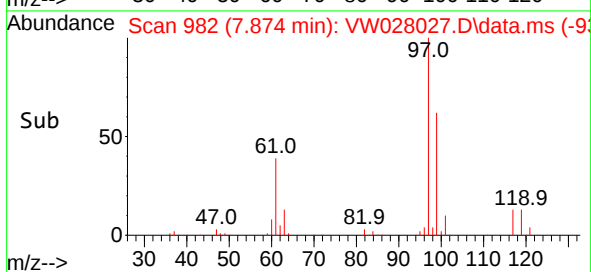
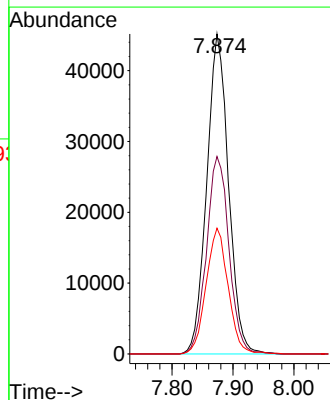
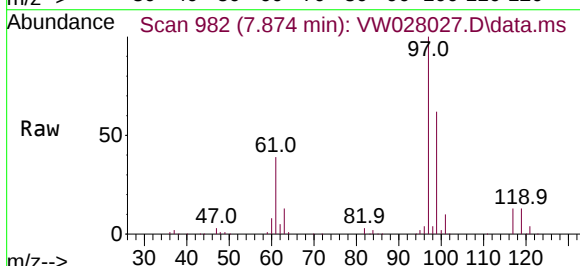
Tgt Ion: 97 Resp: 112446

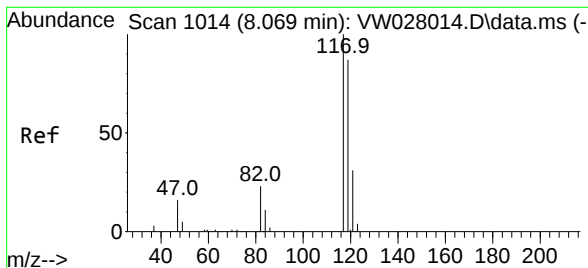
Ion Ratio Lower Upper

97 100

99 63.5 51.4 77.0

61 39.4 32.9 49.3





#31

Carbon tetrachloride

Concen: 25.679 ug/L

RT: 8.069 min Scan# 1014

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

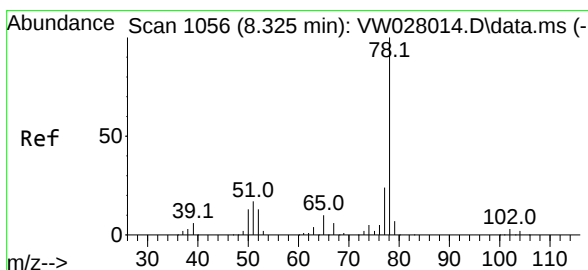
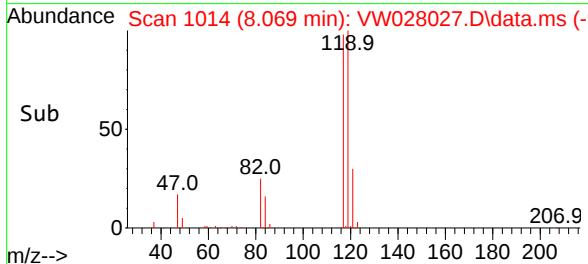
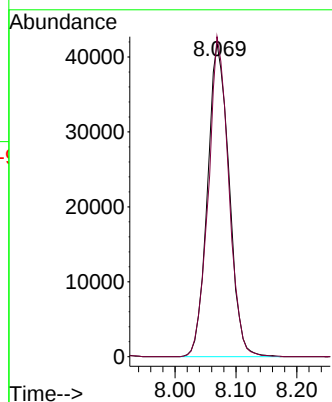
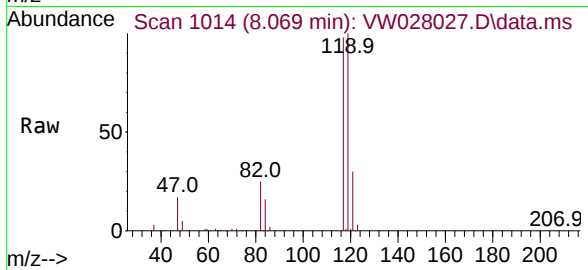
ClientSampleId :

Tgt Ion:117 Resp: 102927

Ion Ratio Lower Upper

117 100

119 96.9 76.5 114.7



#33

Benzene

Concen: 24.060 ug/L

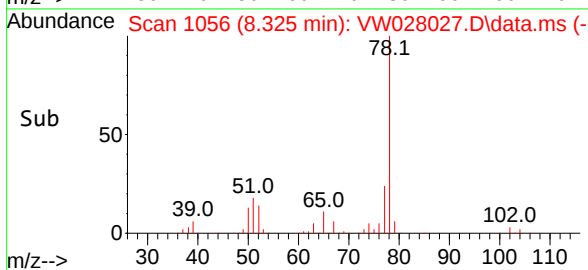
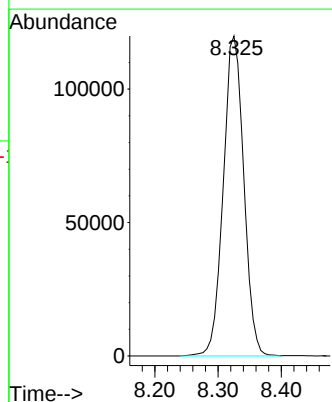
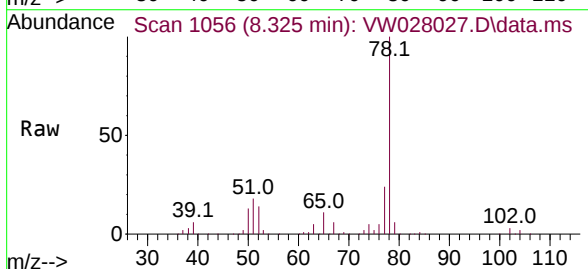
RT: 8.325 min Scan# 1056

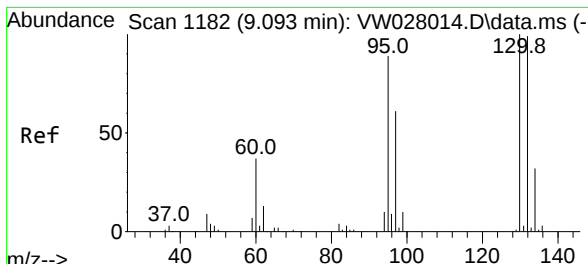
Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

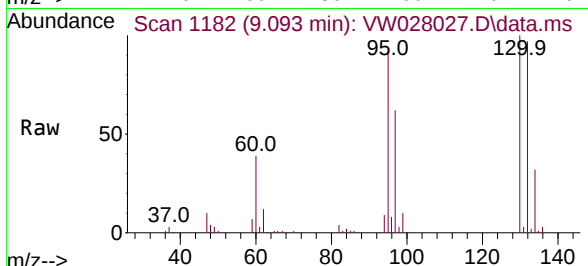
Tgt Ion: 78 Resp: 269708





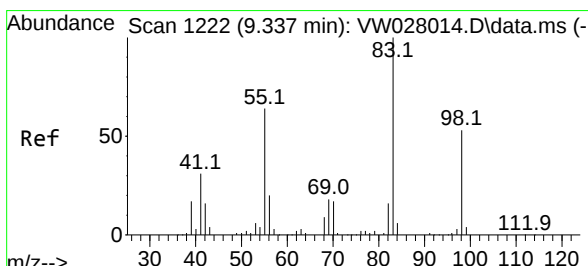
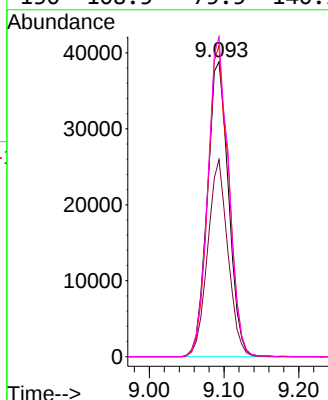
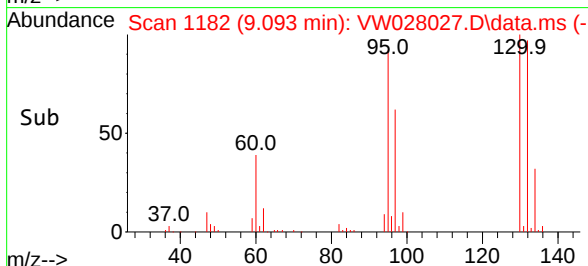
#34
 Trichloroethene
 Concen: 23.863 ug/L
 RT: 9.093 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

Instrument :
 MSVOA_W
 ClientSampleId :

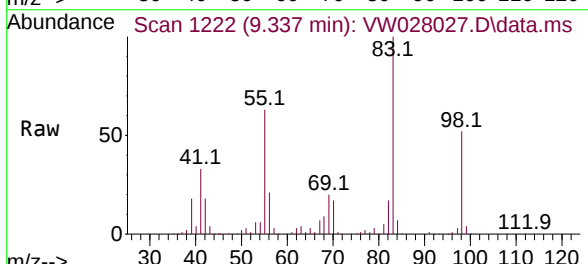


Tgt Ion: 95 Resp: 76792

Ion	Ratio	Lower	Upper
95	100		
97	66.8	44.3	82.3
132	105.5	68.0	126.2
130	108.5	75.5	140.3

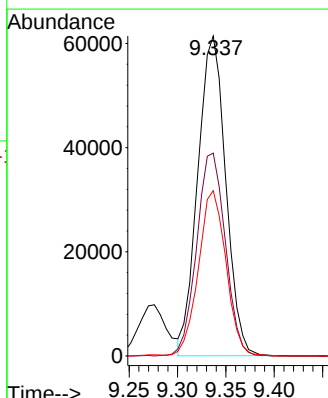
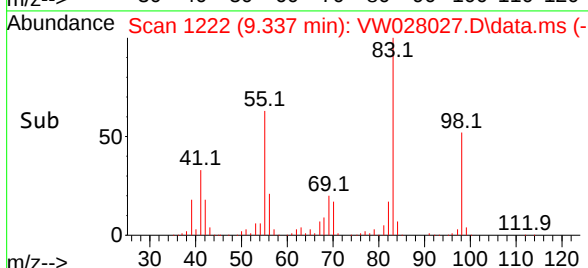


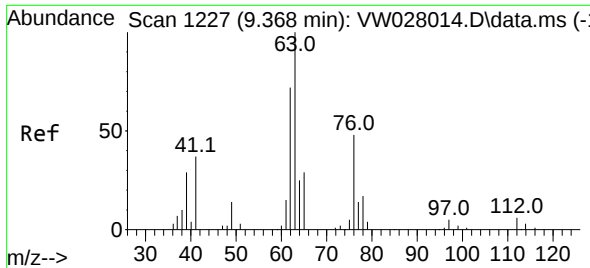
#35
 Methylcyclohexane
 Concen: 23.325 ug/L
 RT: 9.337 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17



Tgt Ion: 83 Resp: 123514

Ion	Ratio	Lower	Upper
83	100		
55	65.0	52.3	78.5
98	51.0	41.9	62.9

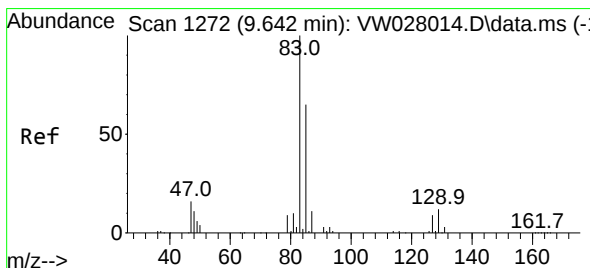
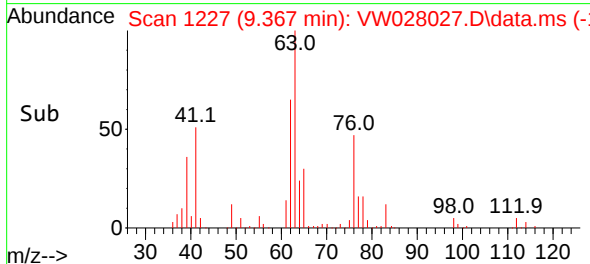
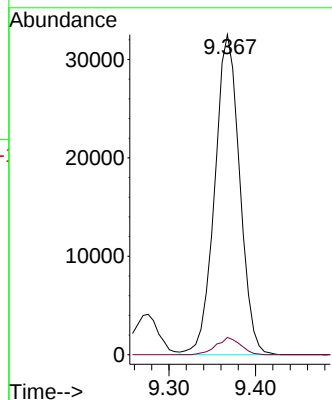
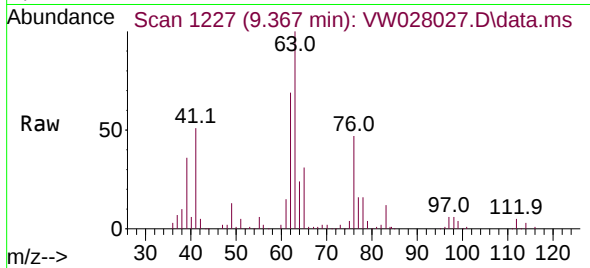




#37
1,2-Dichloropropane
Concen: 24.724 ug/L
RT: 9.367 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

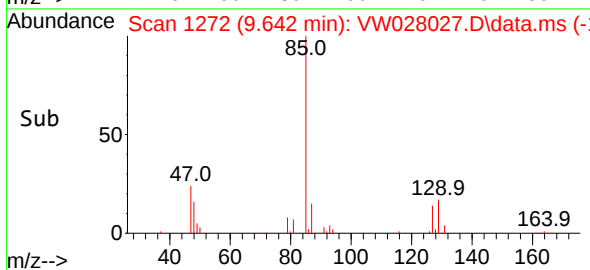
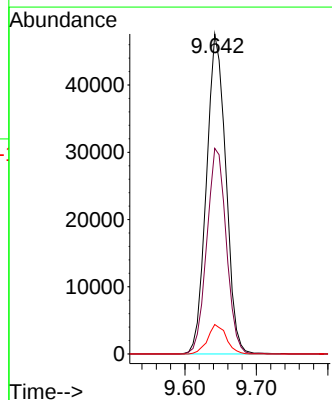
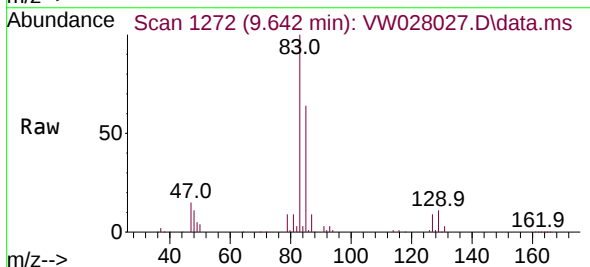
Instrument :
MSVOA_W
ClientSampleId :

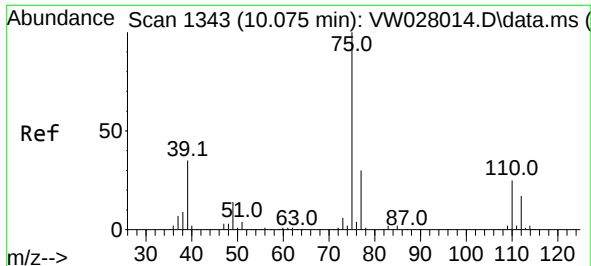
Tgt Ion: 63 Resp: 65128
Ion Ratio Lower Upper
63 100
112 5.2 4.2 6.2



#38
Bromodichloromethane
Concen: 25.484 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion: 83 Resp: 89604
Ion Ratio Lower Upper
83 100
85 64.2 44.7 83.1
127 9.2 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.076 ug/L

RT: 10.075 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

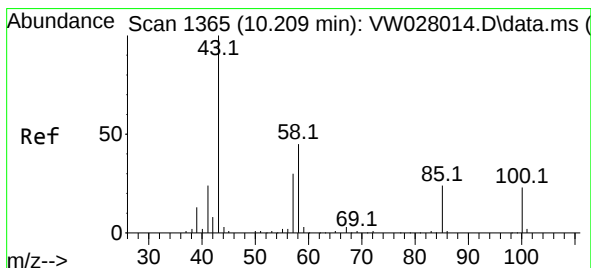
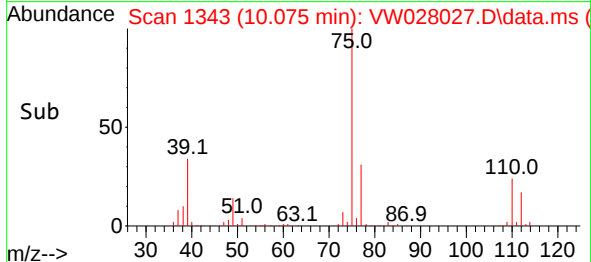
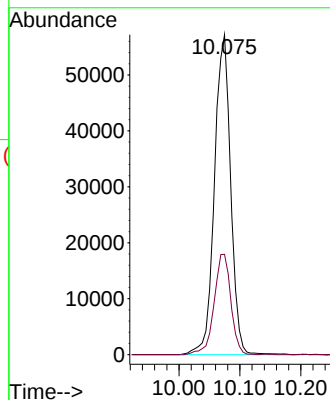
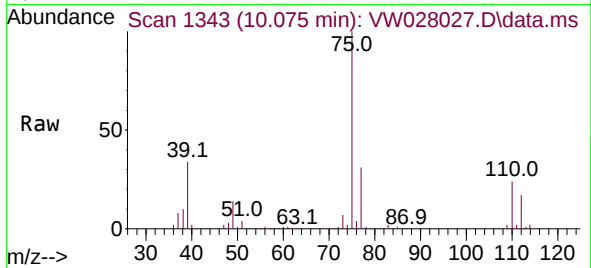
ClientSampleId :

Tgt Ion: 75 Resp: 105872

Ion Ratio Lower Upper

75 100

77 31.4 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 58.738 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

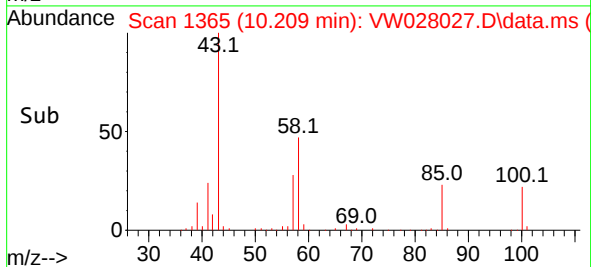
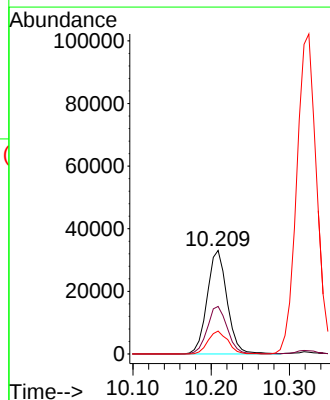
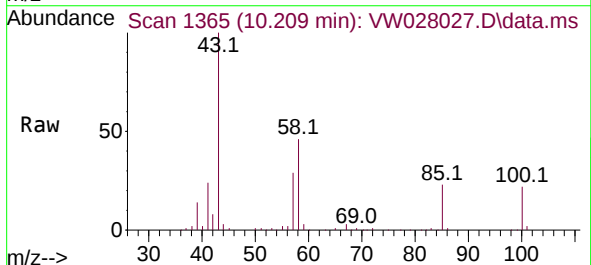
Tgt Ion: 43 Resp: 58399

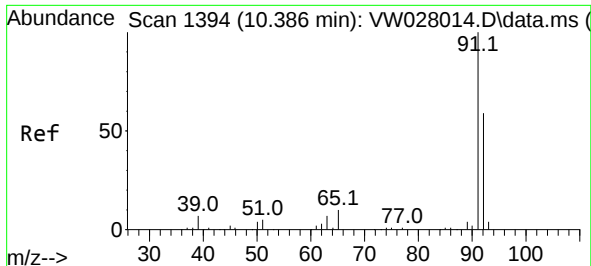
Ion Ratio Lower Upper

43 100

58 46.2 36.7 55.1

100 21.8 18.4 27.6

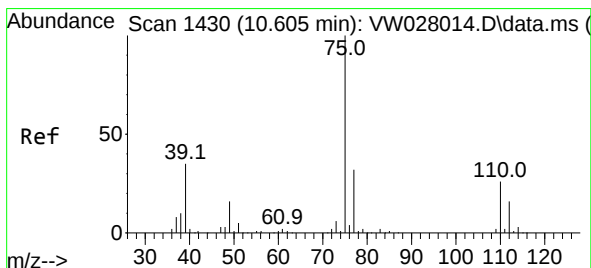
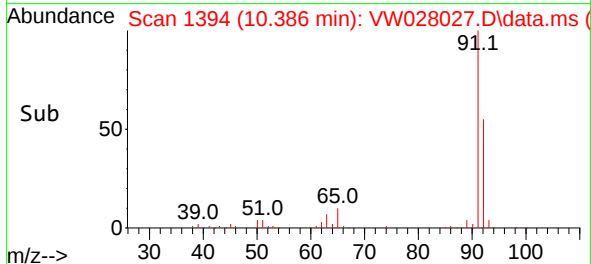
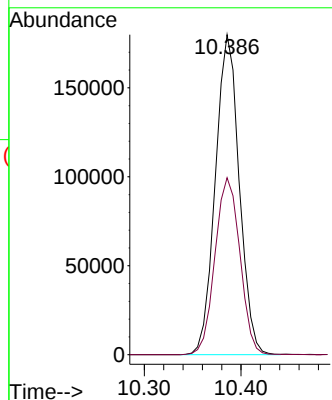
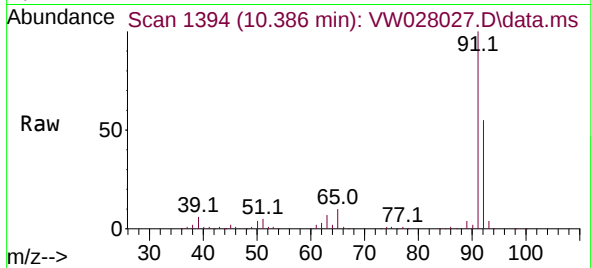




#42
Toluene
Concen: 24.543 ug/L
RT: 10.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

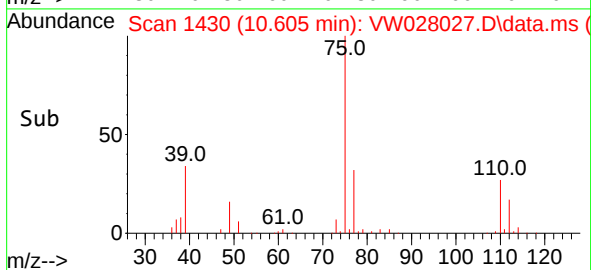
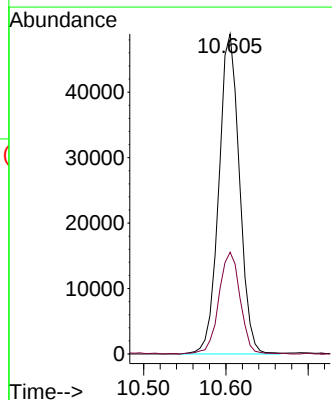
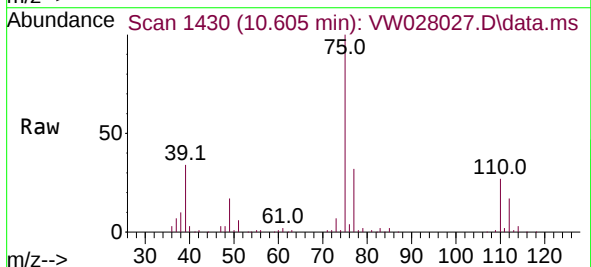
Instrument :
MSVOA_W
ClientSampleId :

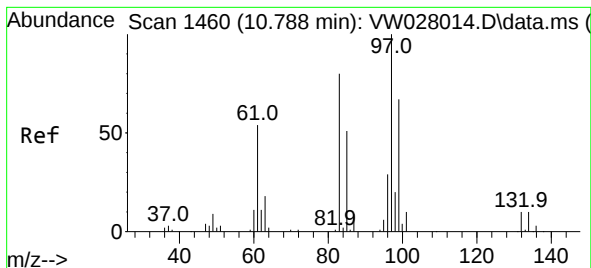
Tgt Ion: 91 Resp: 308473
Ion Ratio Lower Upper
91 100
92 55.3 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 25.450 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion: 75 Resp: 85286
Ion Ratio Lower Upper
75 100
77 31.8 21.5 39.9





#45

1,1,2-Trichloroethane

Concen: 25.563 ug/L

RT: 10.788 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 53298

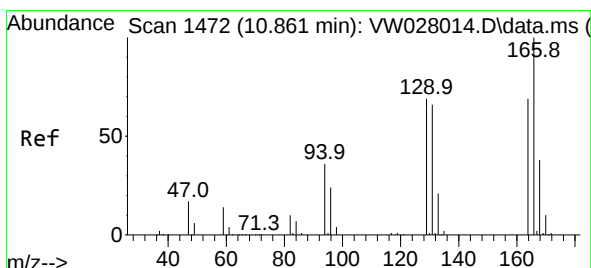
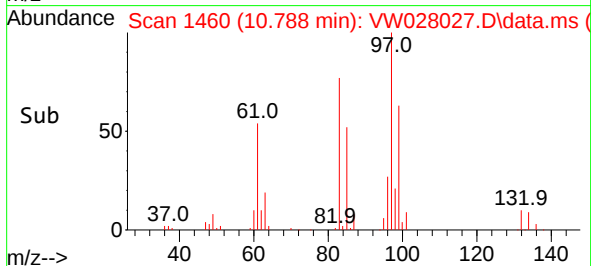
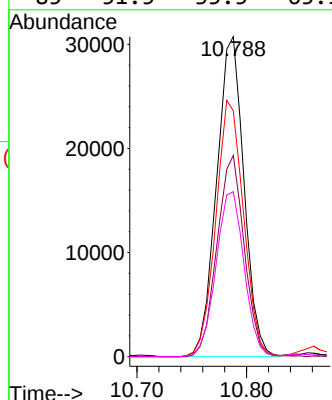
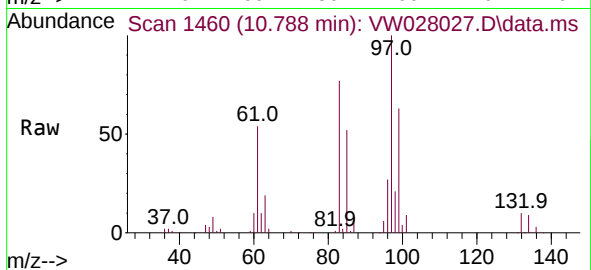
Ion Ratio Lower Upper

97 100

99 62.9 43.3 80.5

83 76.9 57.2 106.2

85 51.5 35.5 65.9



#46

Tetrachloroethene

Concen: 24.046 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Tgt Ion:164 Resp: 65111

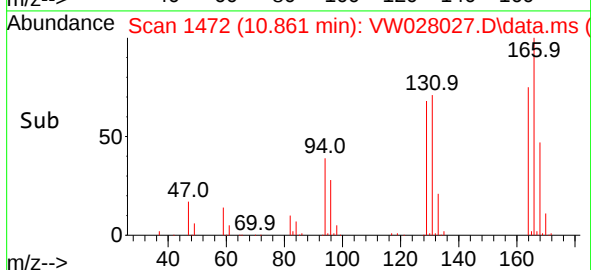
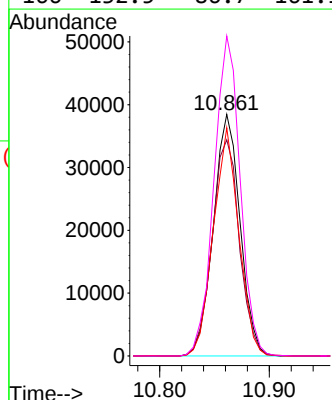
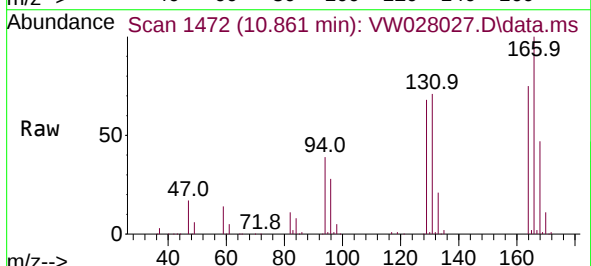
Ion Ratio Lower Upper

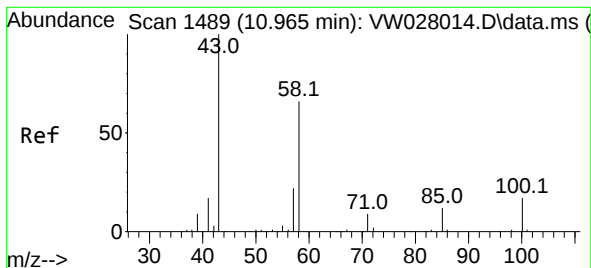
164 100

129 89.5 59.4 110.2

131 94.5 65.0 120.6

166 132.5 86.7 161.1





#48

2-Hexanone

Concen: 59.654 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

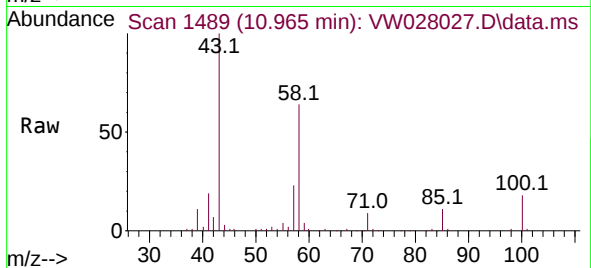
Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 44923

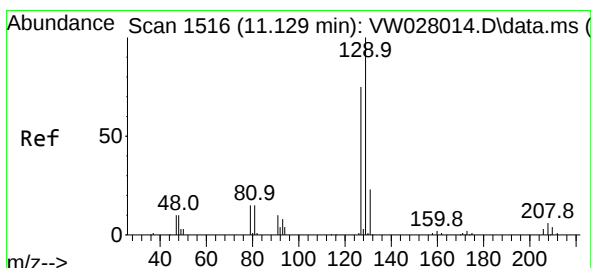
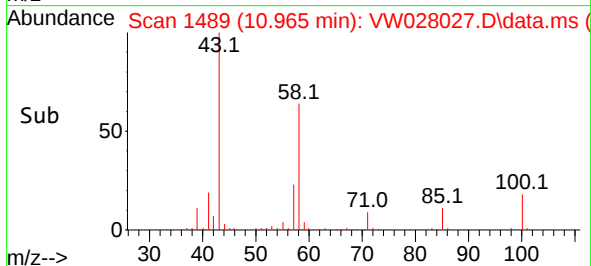
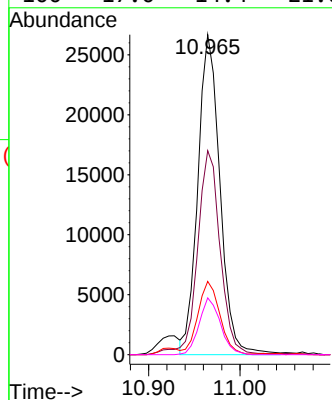
Ion Ratio Lower Upper

43 100

58 62.8 51.4 77.2

57 22.8 17.4 26.2

100 17.0 14.4 21.6



#49

Dibromochloromethane

Concen: 27.030 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.006 min

Lab File: VW028027.D

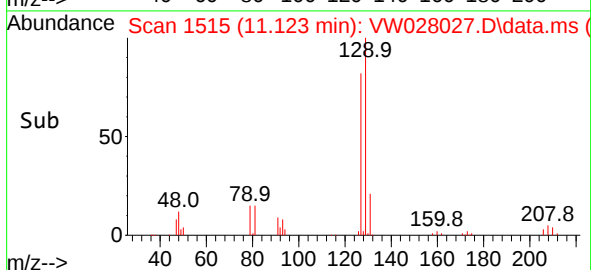
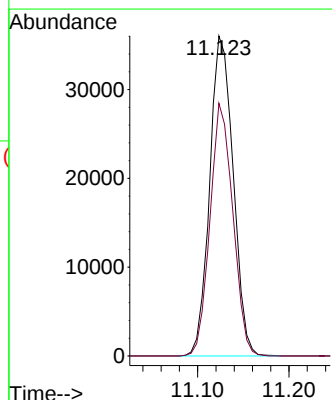
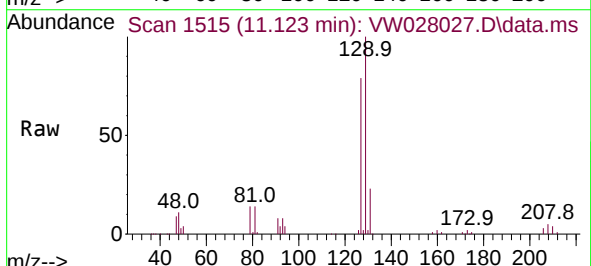
Acq: 16 Feb 2024 09:17

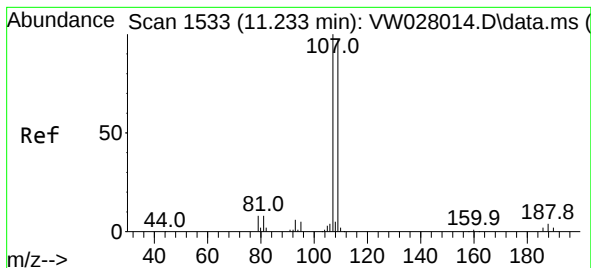
Tgt Ion: 129 Resp: 64251

Ion Ratio Lower Upper

129 100

127 79.0 49.6 92.0





#50

1,2-Dibromoethane

Concen: 26.141 ug/L

RT: 11.233 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028027.D

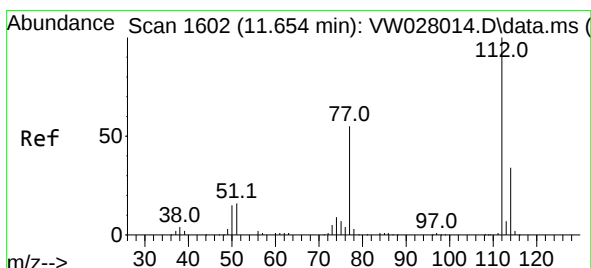
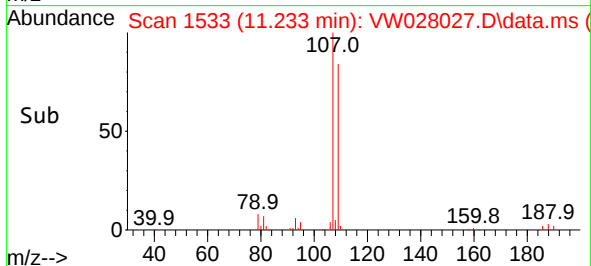
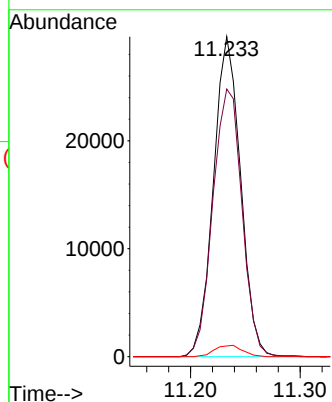
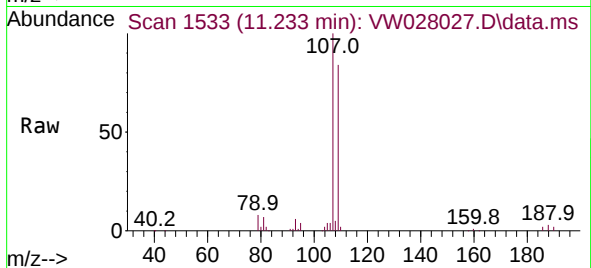
Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	50874
Ion Ratio	Lower	Upper
107	100	
109	83.6	71.2 132.2
188	3.3	3.1 4.7



#51

Chlorobenzene

Concen: 24.684 ug/L

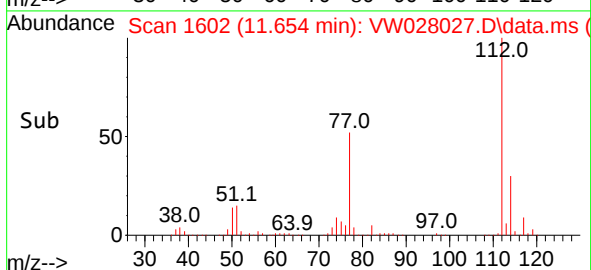
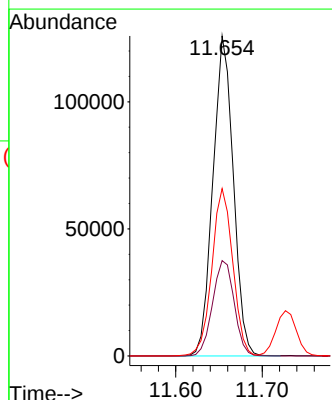
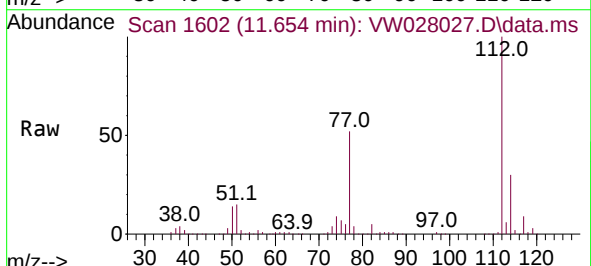
RT: 11.654 min Scan# 1602

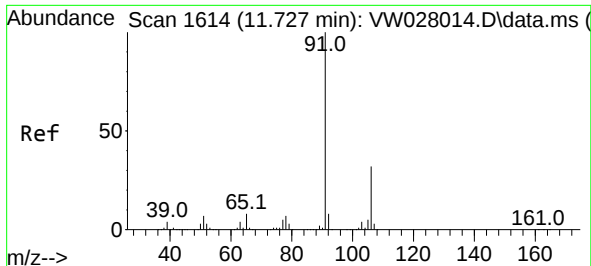
Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Tgt Ion:112	Resp:	206346
Ion Ratio	Lower	Upper
112	100	
114	29.8	22.7 42.3
77	52.3	42.6 64.0

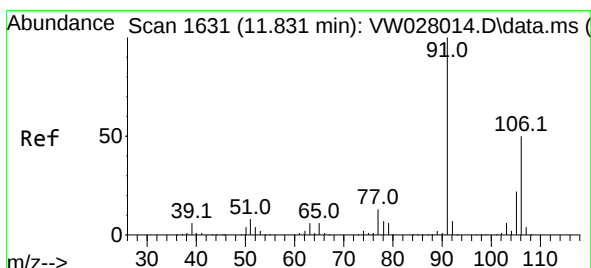
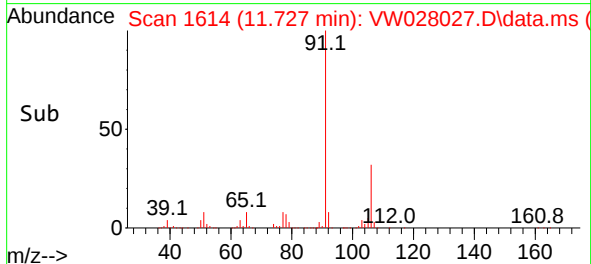
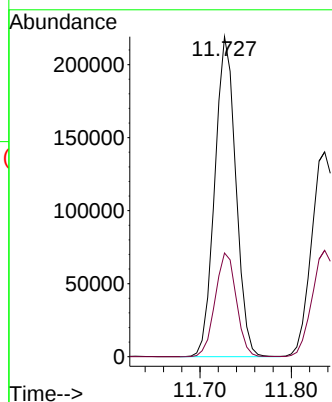
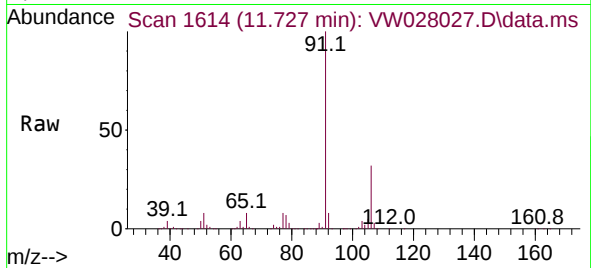




#52
Ethylbenzene
Concen: 24.714 ug/L
RT: 11.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

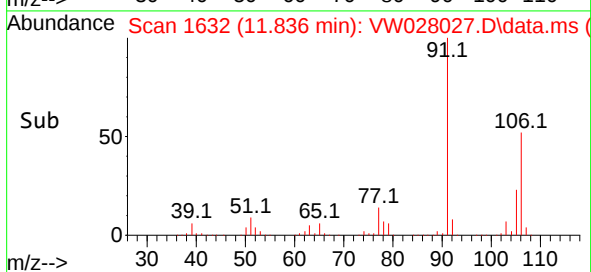
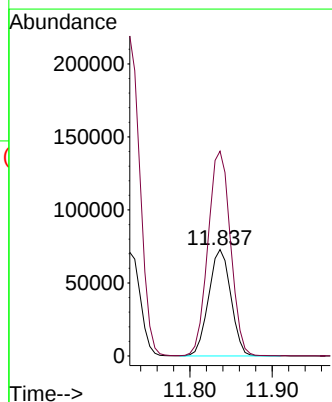
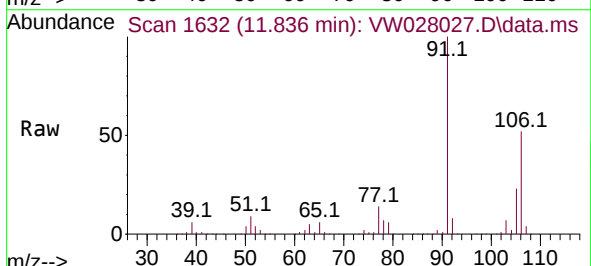
Instrument :
MSVOA_W
ClientSampleId :

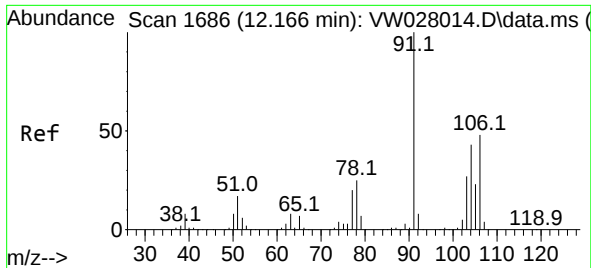
Tgt Ion: 91 Resp: 350220
Ion Ratio Lower Upper
91 100
106 32.4 22.8 42.4



#53
m,p-Xylene
Concen: 24.611 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.006 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion:106 Resp: 136772
Ion Ratio Lower Upper
106 100
91 192.4 130.0 241.4

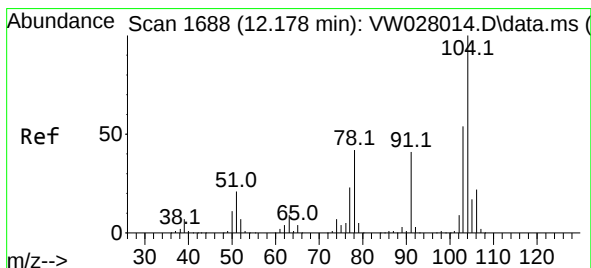
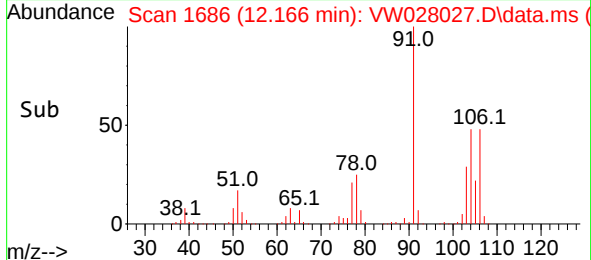
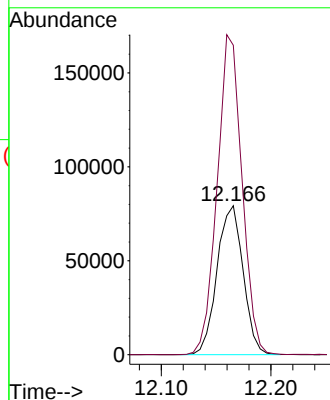
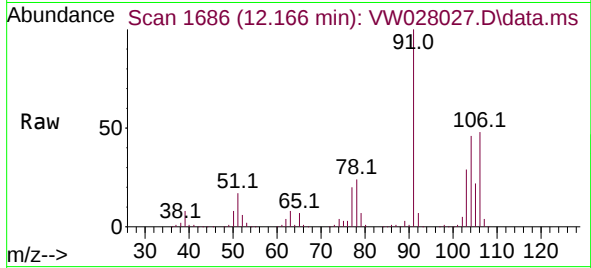




#54
o-Xylene
Concen: 25.126 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

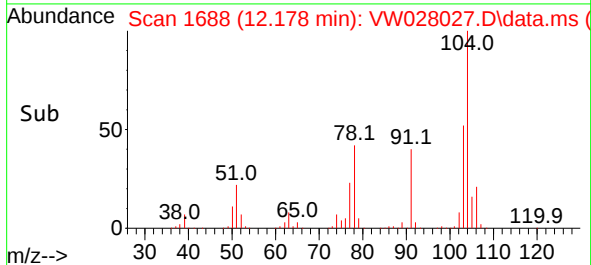
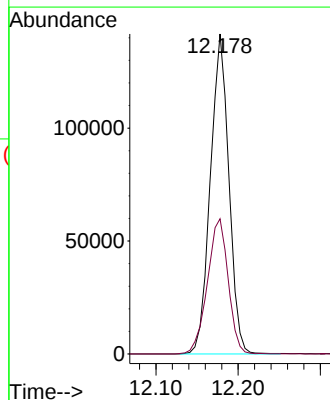
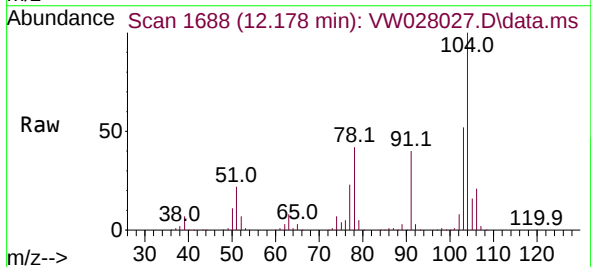
Instrument :
MSVOA_W
ClientSampleId :

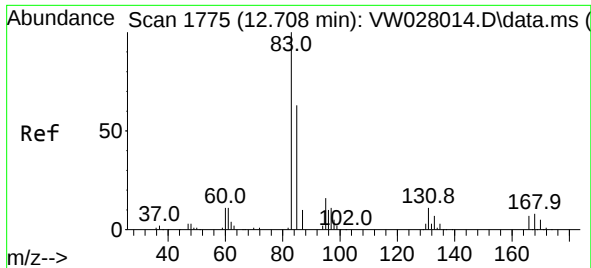
Tgt Ion:106 Resp: 130962
Ion Ratio Lower Upper
106 100
91 207.8 146.4 272.0



#55
Styrene
Concen: 25.544 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion:104 Resp: 221757
Ion Ratio Lower Upper
104 100
78 42.3 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 27.050 ug/L

RT: 12.708 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW028027.D

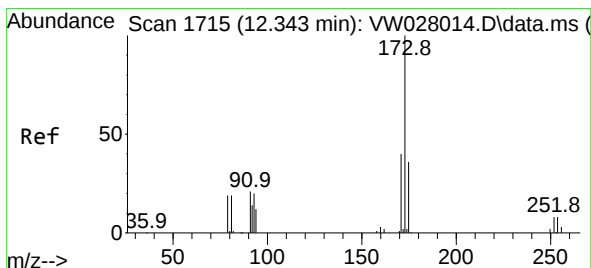
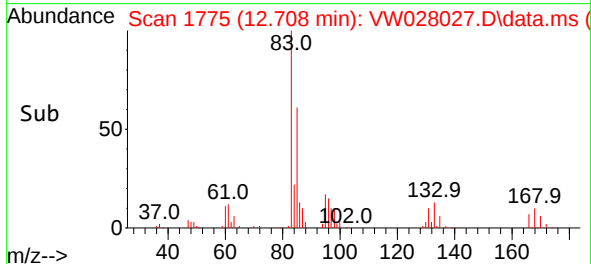
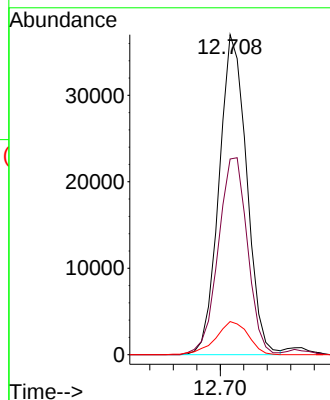
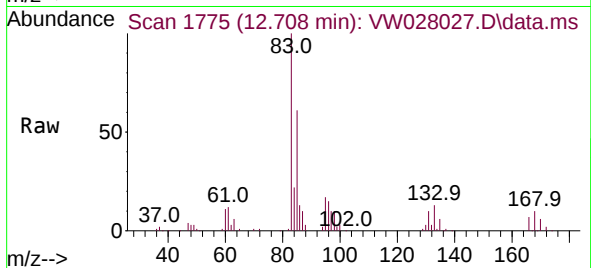
Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 60395
Ion Ratio	Lower Upper
83 100	
85 61.1	42.9 79.7
131 10.4	8.7 13.1



#59

Bromoform

Concen: 25.676 ug/L

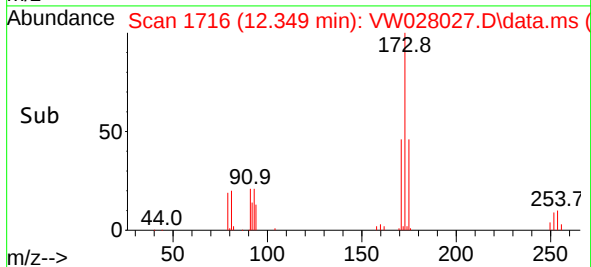
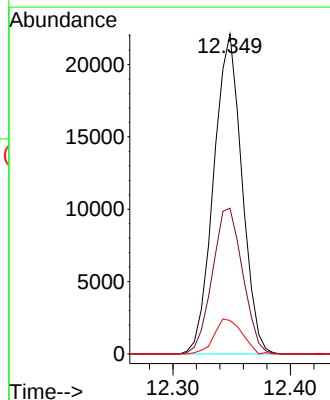
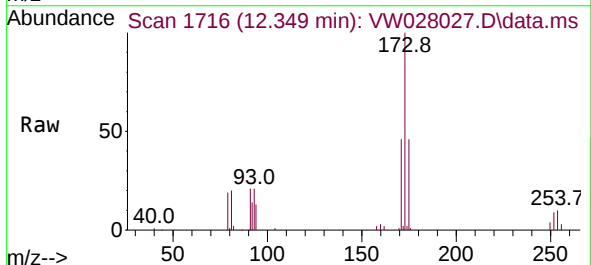
RT: 12.349 min Scan# 1716

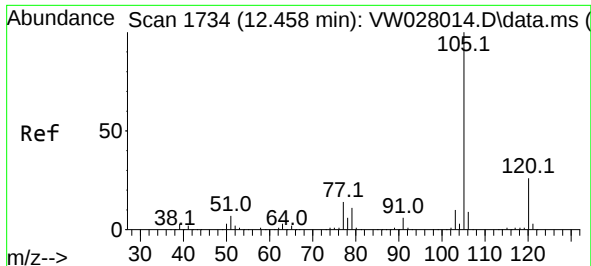
Delta R.T. 0.006 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

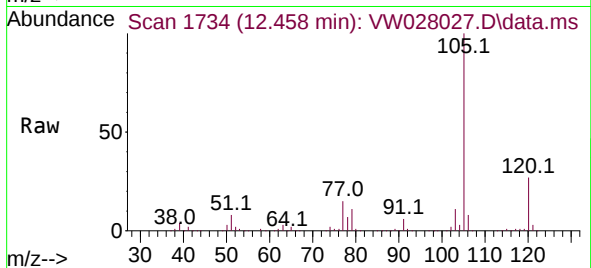
Tgt Ion: 173	Resp: 36906
Ion Ratio	Lower Upper
173 100	
175 49.0	37.8 56.8
254 10.7	8.4 12.6



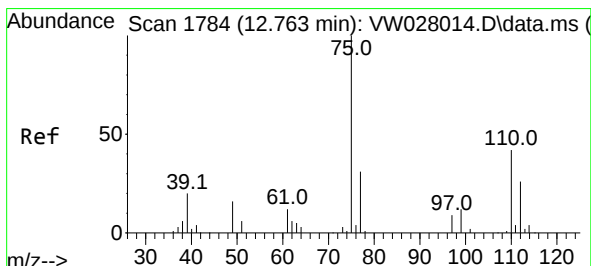
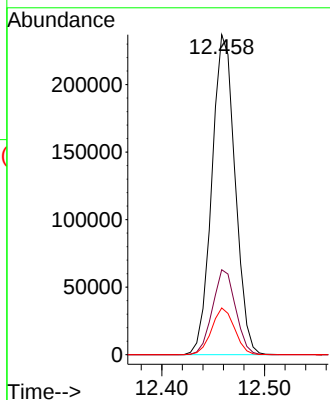
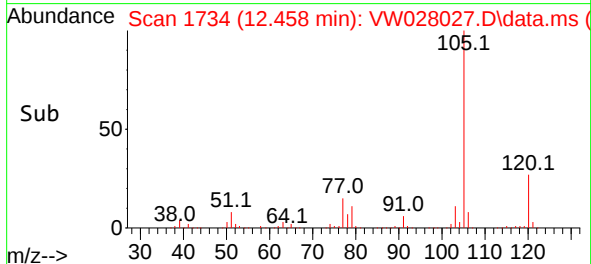


#60
Isopropylbenzene
Concen: 24.461 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

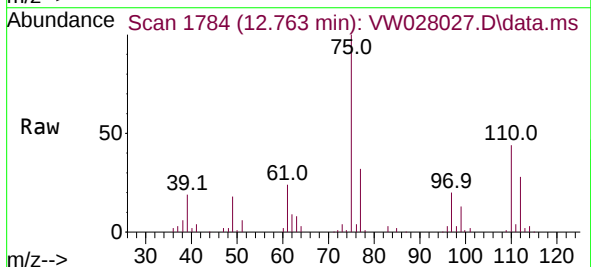
Instrument :
MSVOA_W
ClientSampleId :



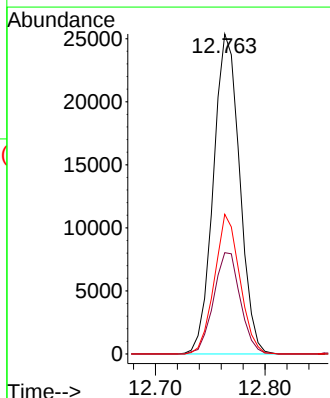
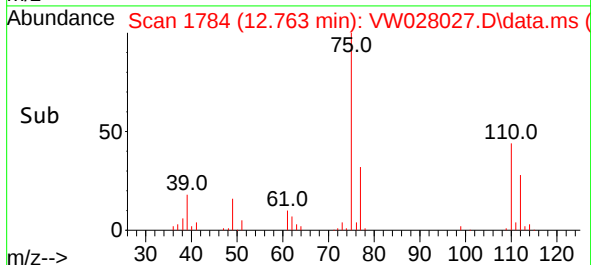
Tgt Ion:105 Resp: 371941
Ion Ratio Lower Upper
105 100
120 26.4 22.2 33.2
77 14.4 11.8 17.6

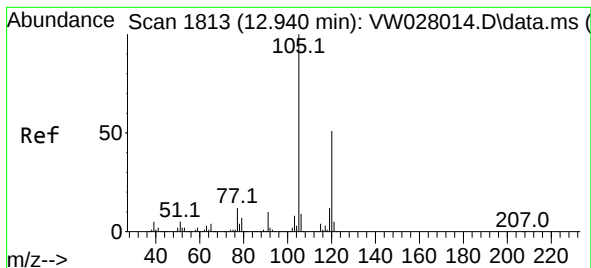


#61
1,2,3-Trichloropropane
Concen: 25.996 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17



Tgt Ion: 75 Resp: 42251
Ion Ratio Lower Upper
75 100
77 32.2 26.5 39.7
110 42.1 35.8 53.8

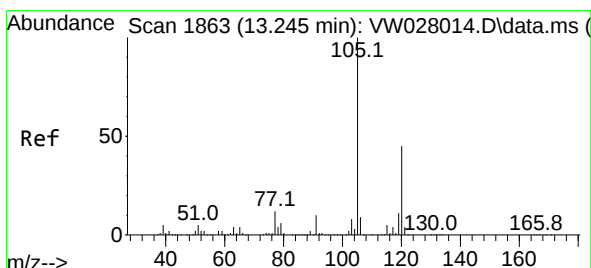
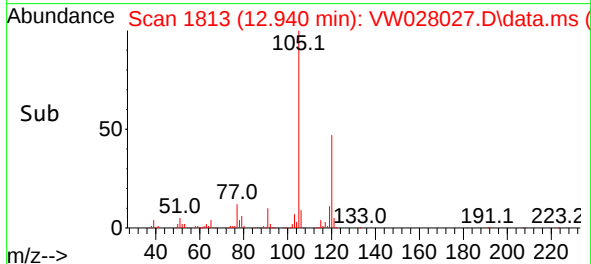
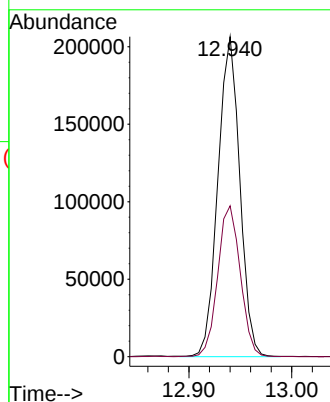
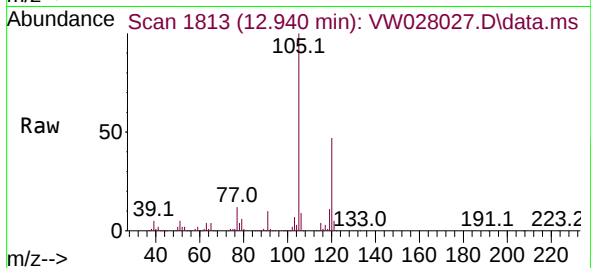




#62
 1,3,5-Trimethylbenzene
 Concen: 25.060 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

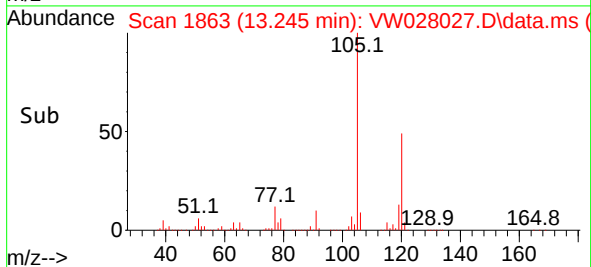
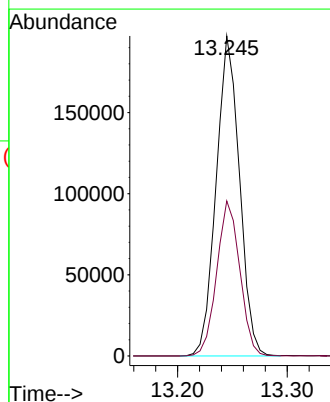
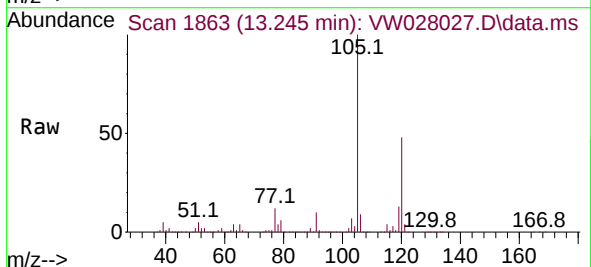
Instrument :
 MSVOA_W
 ClientSampleId :

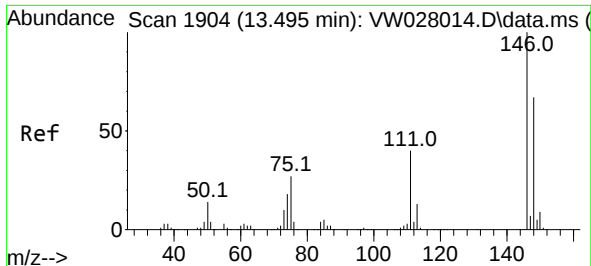
Tgt Ion:105 Resp: 304938
 Ion Ratio Lower Upper
 105 100
 120 48.5 40.3 60.5



#63
 1,2,4-Trimethylbenzene
 Concen: 24.458 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

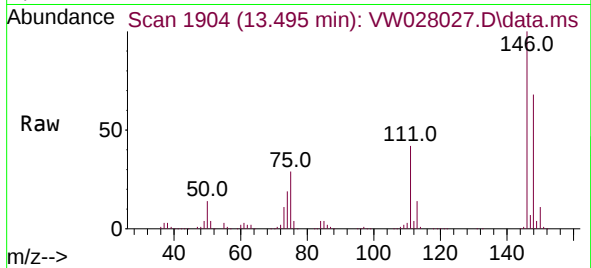
Tgt Ion:105 Resp: 291228
 Ion Ratio Lower Upper
 105 100
 120 48.0 36.4 54.6



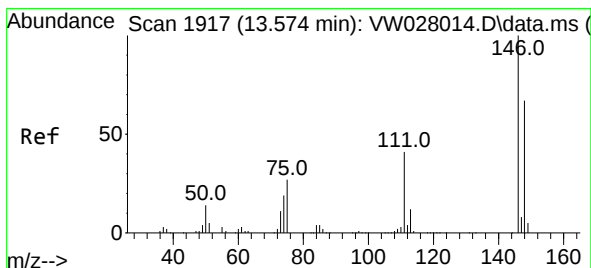
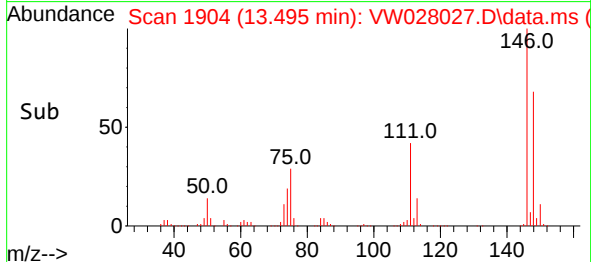
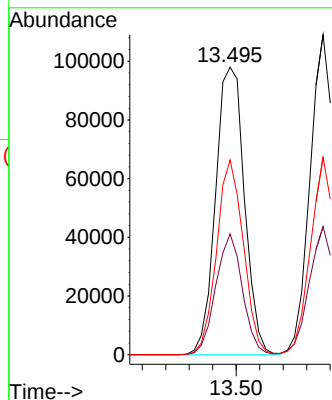


#64
1,3-Dichlorobenzene
Concen: 23.949 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Instrument :
MSVOA_W
ClientSampleId :

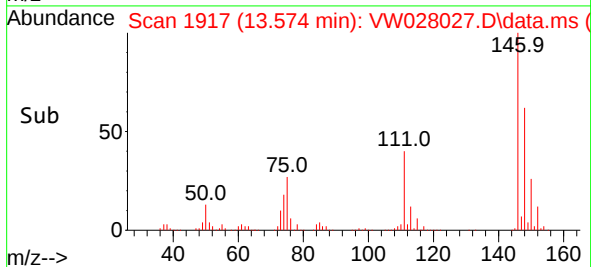
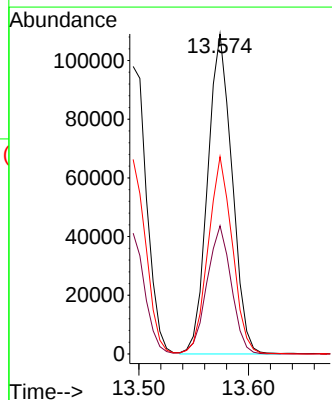
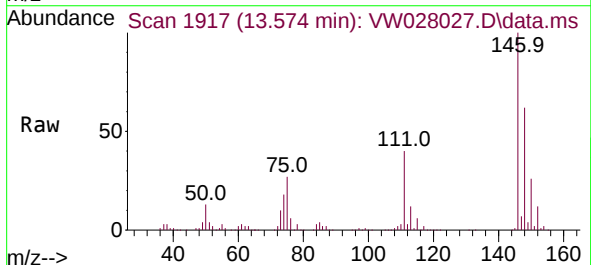


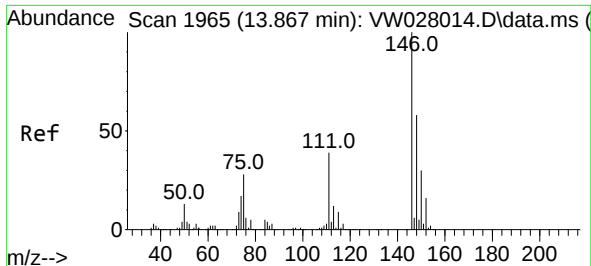
Tgt Ion:146 Resp: 167288
Ion Ratio Lower Upper
146 100
111 42.0 26.9 49.9
148 67.7 41.2 76.6



#65
1,4-Dichlorobenzene
Concen: 23.773 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028027.D
Acq: 16 Feb 2024 09:17

Tgt Ion:146 Resp: 168838
Ion Ratio Lower Upper
146 100
111 40.0 24.1 44.8
148 61.6 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 23.371 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

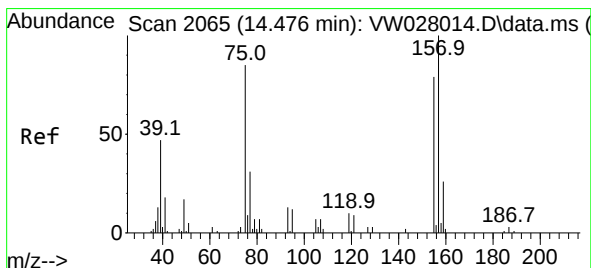
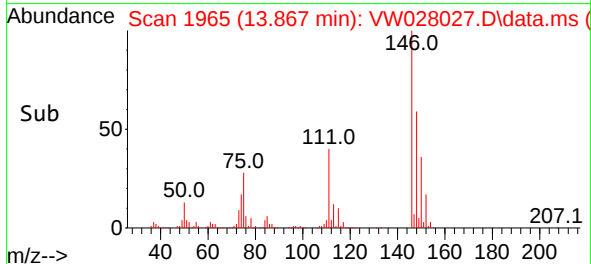
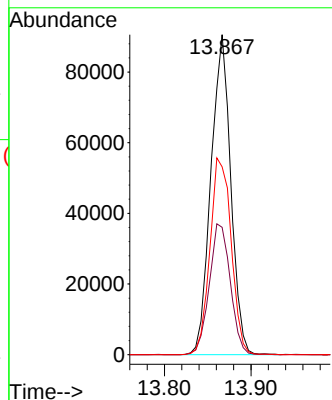
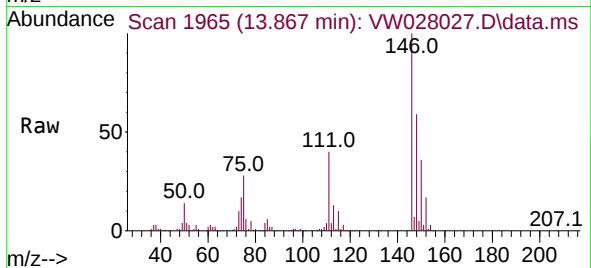
Tgt Ion:146 Resp: 144188

Ion Ratio Lower Upper

146 100

111 39.8 30.6 46.0

148 58.7 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 27.237 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

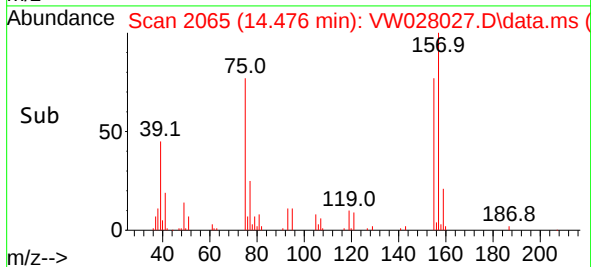
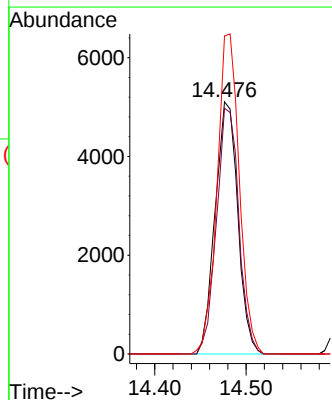
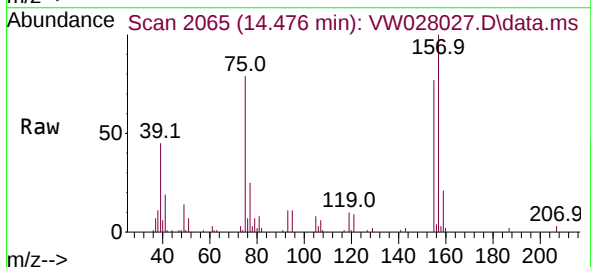
Tgt Ion: 75 Resp: 8789

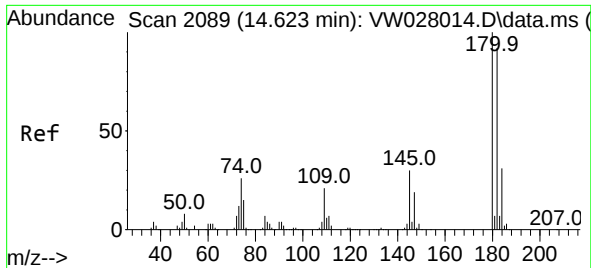
Ion Ratio Lower Upper

75 100

155 97.5 68.7 103.1

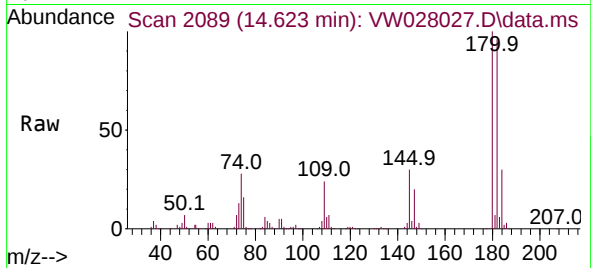
157 126.1 96.7 145.1



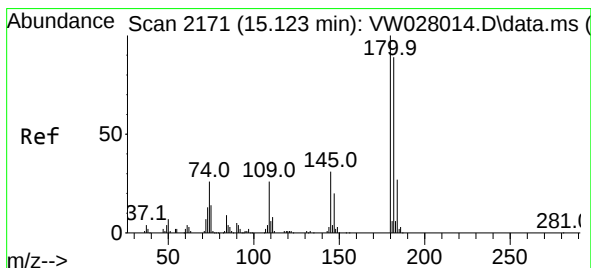
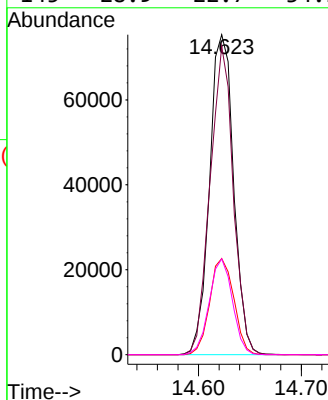
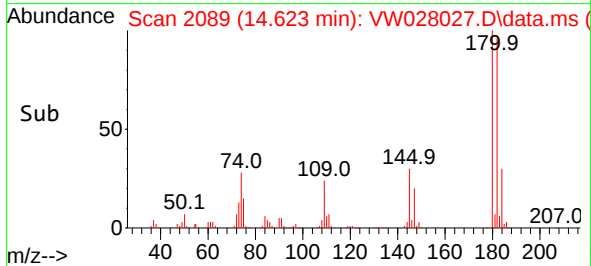


#69
 1,3,5-Trichlorobenzene
 Concen: 24.368 ug/L
 RT: 14.623 min Scan# 2089
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17

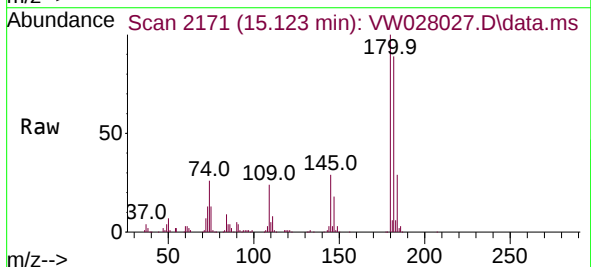
Instrument :
 MSVOA_W
 ClientSampleId :



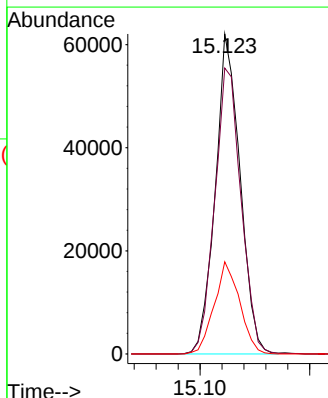
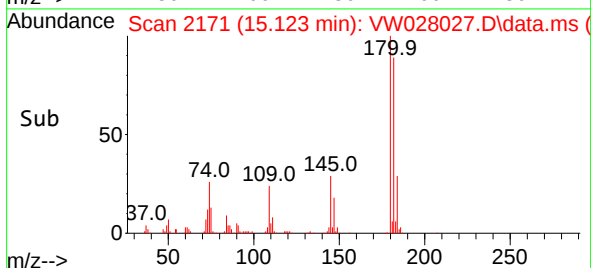
Tgt Ion:180 Resp: 122225
 Ion Ratio Lower Upper
 180 100
 182 93.1 72.1 108.1
 184 30.2 24.4 36.6
 145 28.9 22.7 34.1

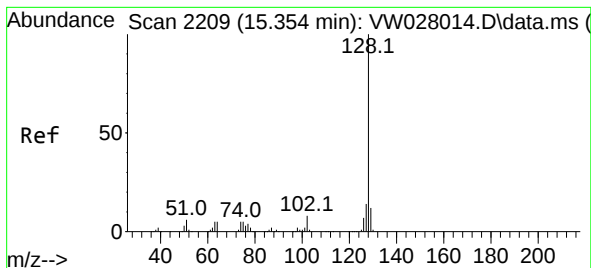


#70
 1,2,4-trichlorobenzene
 Concen: 24.067 ug/L
 RT: 15.123 min Scan# 2171
 Delta R.T. -0.000 min
 Lab File: VW028027.D
 Acq: 16 Feb 2024 09:17



Tgt Ion:180 Resp: 97482
 Ion Ratio Lower Upper
 180 100
 182 94.8 77.0 115.6
 145 29.5 23.4 35.0





#71

Naphthalene

Concen: 27.081 ug/L

RT: 15.360 min Scan# 21

Delta R.T. 0.006 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Instrument :

MSVOA_W

ClientSampleId :

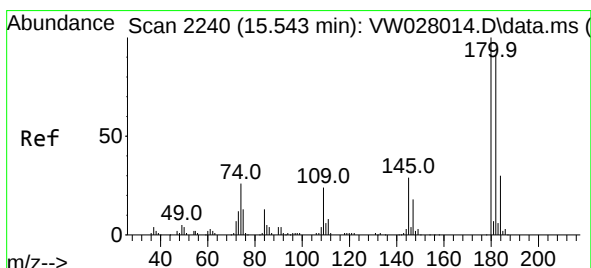
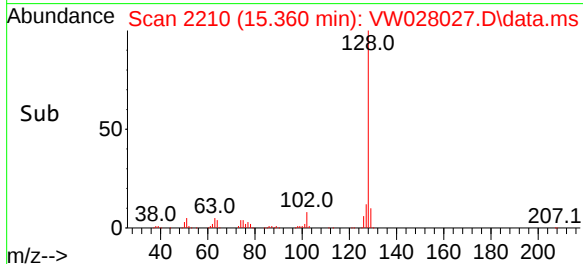
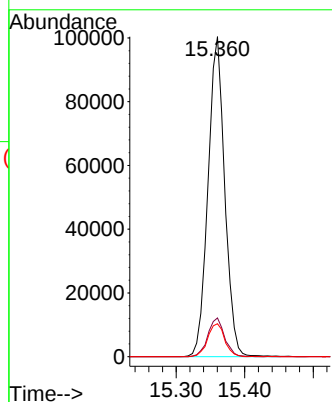
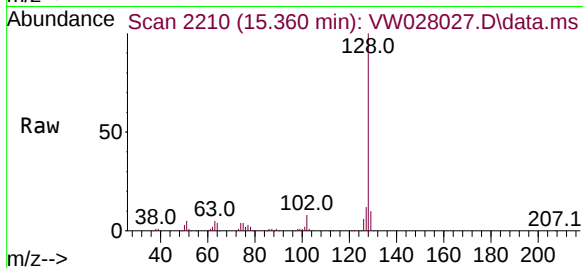
Tgt Ion:128 Resp: 170455

Ion Ratio Lower Upper

128 100

127 12.1 10.2 15.4

129 10.5 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 25.575 ug/L

RT: 15.543 min Scan# 2240

Delta R.T. -0.000 min

Lab File: VW028027.D

Acq: 16 Feb 2024 09:17

Tgt Ion:180 Resp: 86429

Ion Ratio Lower Upper

180 100

182 91.5 76.5 114.7

145 31.8 25.8 38.8

