

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022624\
 Data File : VW028061.D
 Acq On : 26 Feb 2024 10:11
 Operator : SY/MD
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 27 01:27:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020524SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 23 22:35:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	248774	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	217449	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	116555	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	50740	17.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.640%
7) Chloroethane-d5	2.905	69	48419	21.909	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.640%
11) 1,1-Dichloroethene-d2	4.021	65	24154	19.374	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	77.480%
21) 2-Butanone-d5	7.075	46	23650	52.239	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.480%
24) Chloroform-d	7.648	84	139755	24.026	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.120%
26) 1,2-Dichloroethane-d4	8.301	65	62186	23.671	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.680%
32) Benzene-d6	8.276	84	263522	22.651	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	9.270	67	73168	23.195	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	92.800%
41) Toluene-d8	10.318	98	260845	23.433	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.720%
43) trans-1,3-Dichloroprop...	10.575	79	29919	23.064	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.240%
47) 2-Hexanone-d5	10.922	63	22002	51.279	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.560%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	60965	25.858	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.440%
66) 1,2-Dichlorobenzene-d4	13.848	152	93853	23.691	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.021	85	44420	20.735	ug/L	97
3) Chloromethane	2.222	50	44082	18.737	ug/L	99
5) Vinyl chloride	2.375	62	68161	21.375	ug/L	99
6) Bromomethane	2.795	94	50638	22.474	ug/L	98
8) Chloroethane	2.942	64	44251	24.560	ug/L	96
9) Trichlorofluoromethane	3.271	101	66111	22.812	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	75381	25.805	ug/L #	64
12) 1,1-Dichloroethene	4.045	96	64266	23.650	ug/L	89
13) Acetone	4.124	43	23359	53.061	ug/L	99
14) Carbon disulfide	4.393	76	164648	20.466	ug/L	98
15) Methyl Acetate	4.679	43	17375	23.708	ug/L	99
16) Methylene chloride	4.917	84	70963	22.822	ug/L	97
17) trans-1,2-Dichloroethene	5.435	96	67704	23.189	ug/L	98
18) Methyl tert-butyl Ether	5.429	73	88153	25.469	ug/L	99
19) 1,1-Dichloroethane	6.222	63	118224	24.926	ug/L	96
20) cis-1,2-Dichloroethene	7.173	96	77081	25.002	ug/L	97
22) 2-Butanone	7.167	43	26273	51.701	ug/L	95
23) Bromochloromethane	7.520	128	34702	25.340	ug/L	80
25) Chloroform	7.679	83	134309	26.341	ug/L	99

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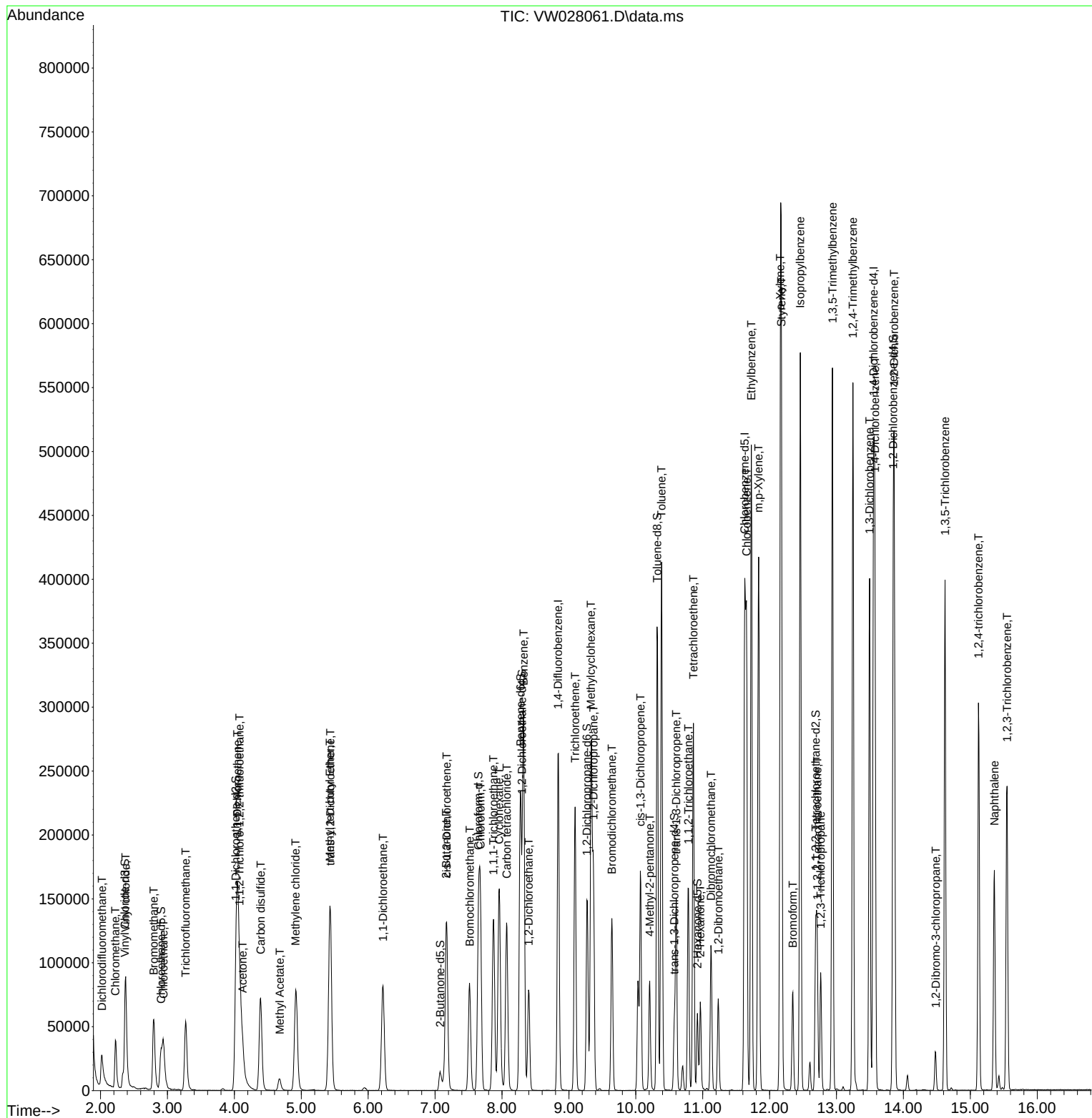
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	75217	26.490	ug/L	95
29) Cyclohexane	7.959	56	90314	23.302	ug/L	97
30) 1,1,1-Trichloroethane	7.874	97	113949	27.146	ug/L	99
31) Carbon tetrachloride	8.069	117	107113	27.582	ug/L	100
33) Benzene	8.325	78	277228	25.526	ug/L	100
34) Trichloroethene	9.093	95	78437	25.157	ug/L	97
35) Methylcyclohexane	9.331	83	123322	24.037	ug/L	99
37) 1,2-Dichloropropane	9.367	63	65561	25.689	ug/L	100
38) Bromodichloromethane	9.642	83	95639	28.074	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	107147	26.193	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	50047	51.955	ug/L	98
42) Toluene	10.386	91	318625	26.166	ug/L	97
44) trans-1,3-Dichloropropene	10.605	75	85662	26.384	ug/L	98
45) 1,1,2-Trichloroethane	10.788	97	53873	26.669	ug/L	98
46) Tetrachloroethene	10.861	164	65592	25.002	ug/L	94
48) 2-Hexanone	10.965	43	39150	53.659	ug/L	99
49) Dibromochloromethane	11.123	129	61862	26.861	ug/L	87
50) 1,2-Dibromoethane	11.233	107	48843	25.904	ug/L	92
51) Chlorobenzene	11.654	112	210958	26.047	ug/L	97
52) Ethylbenzene	11.727	91	361361	26.320	ug/L	100
53) m,p-Xylene	11.836	106	145499	27.022	ug/L	93
54) o-Xylene	12.160	106	133566	26.449	ug/L	98
55) Styrene	12.178	104	223577	26.581	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.714	83	55835	25.811	ug/L	97
59) Bromoform	12.349	173	37336	27.140	ug/L	99
60) Isopropylbenzene	12.458	105	381507	26.215	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	39467	25.372	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	310574	26.668	ug/L	100
63) 1,2,4-Trimethylbenzene	13.245	105	300869	26.401	ug/L	99
64) 1,3-Dichlorobenzene	13.495	146	175175	26.203	ug/L	95
65) 1,4-Dichlorobenzene	13.574	146	172906	25.437	ug/L	96
67) 1,2-Dichlorobenzene	13.861	146	152034	25.747	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.482	75	7972	25.813	ug/L	92
69) 1,3,5-Trichlorobenzene	14.623	180	129829	27.044	ug/L	99
70) 1,2,4-trichlorobenzene	15.122	180	100895	26.027	ug/L	99
71) Naphthalene	15.360	128	154472	25.643	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	86553	26.761	ug/L	98

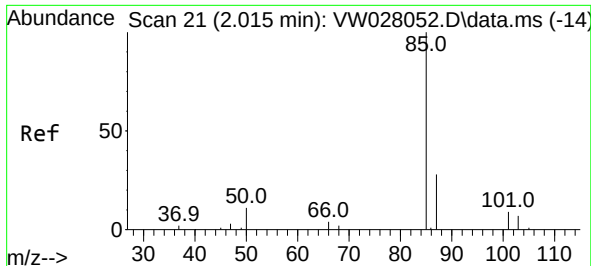
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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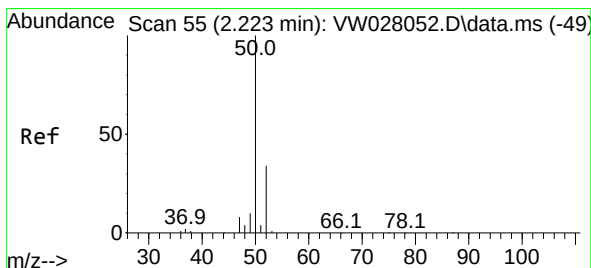
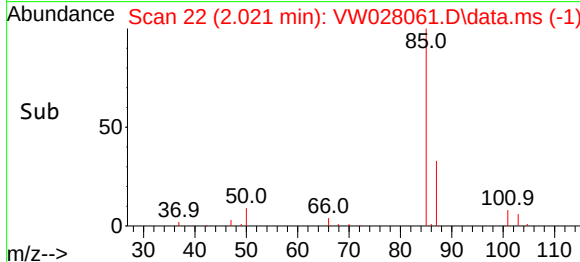
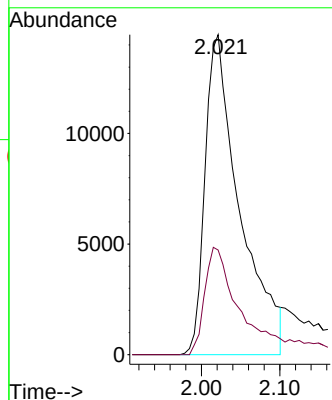
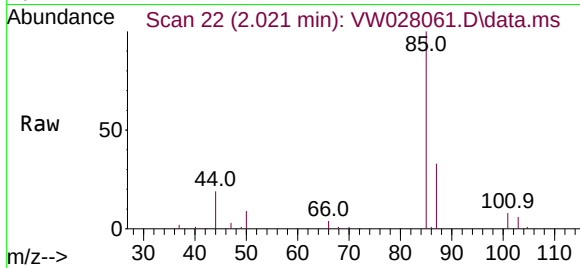




#2
 Dichlorodifluoromethane
 Concen: 20.735 ug/L
 RT: 2.021 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

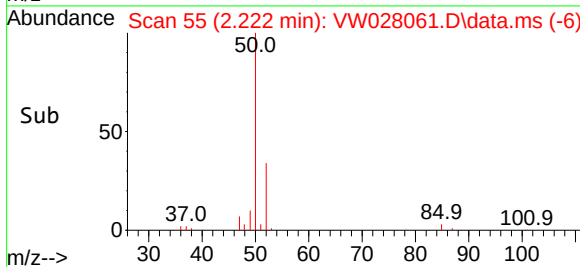
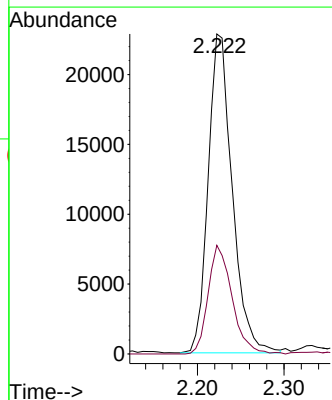
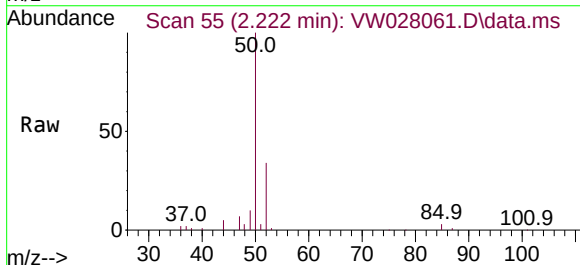
Instrument :
 MSVOA_W
 ClientSampleId :

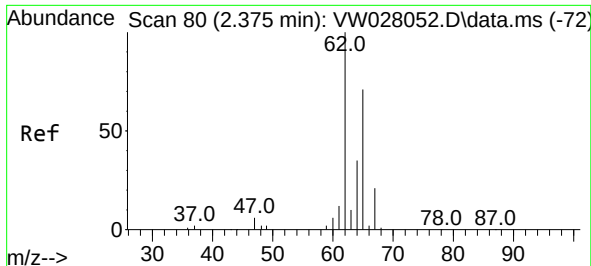
Tgt Ion: 85 Resp: 44420
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.3 37.9



#3
 Chloromethane
 Concen: 18.737 ug/L
 RT: 2.222 min Scan# 55
 Delta R.T. -0.000 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Tgt Ion: 50 Resp: 44082
 Ion Ratio Lower Upper
 50 100
 52 34.0 24.3 45.1

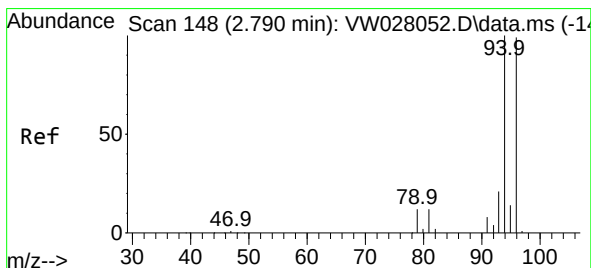
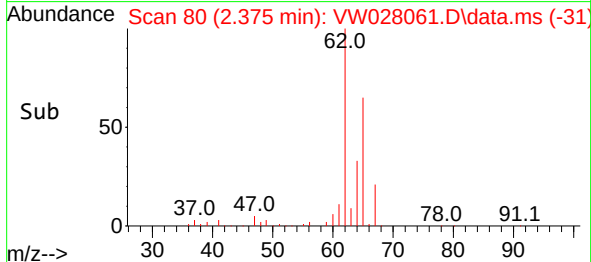
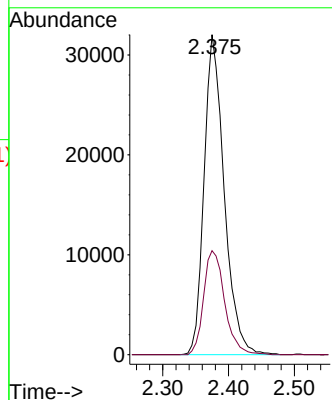
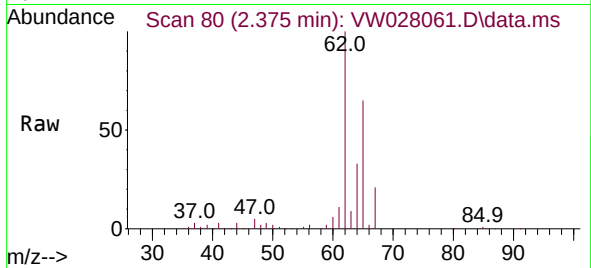




#5
 Vinyl chloride
 Concen: 21.375 ug/L
 RT: 2.375 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

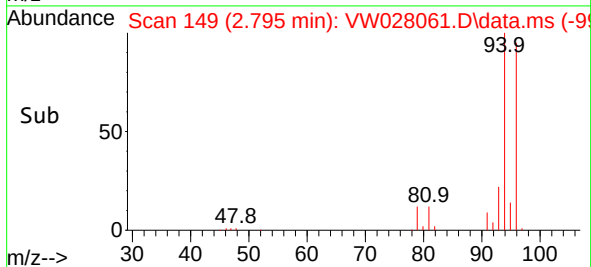
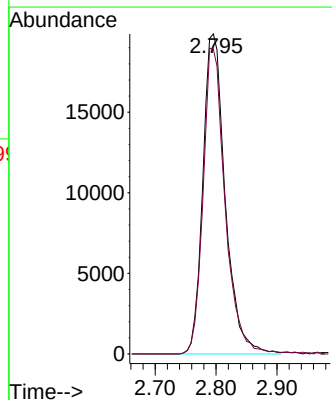
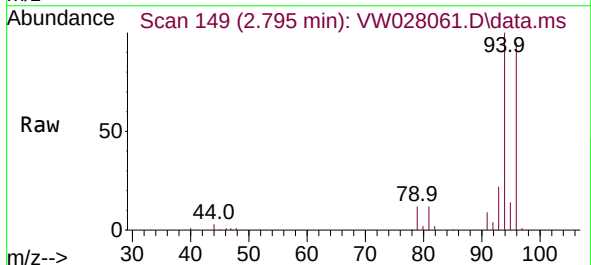
Instrument :
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 ClientSampleId :

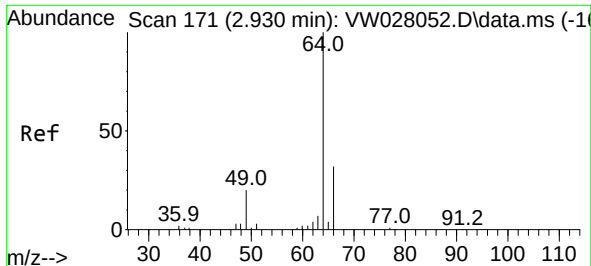
Tgt Ion: 62 Resp: 68161
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.6



#6
 Bromomethane
 Concen: 22.474 ug/L
 RT: 2.795 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Tgt Ion: 94 Resp: 50638
 Ion Ratio Lower Upper
 94 100
 96 95.3 65.3 121.3

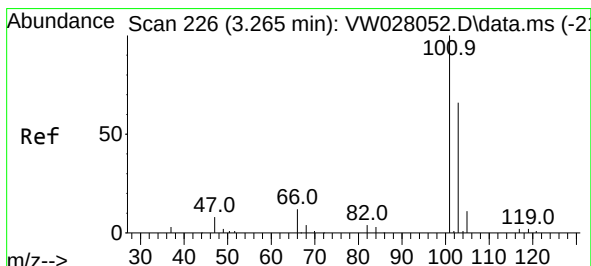
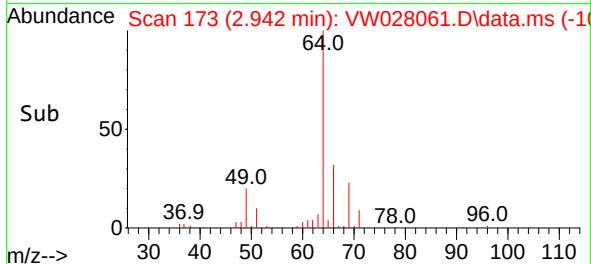
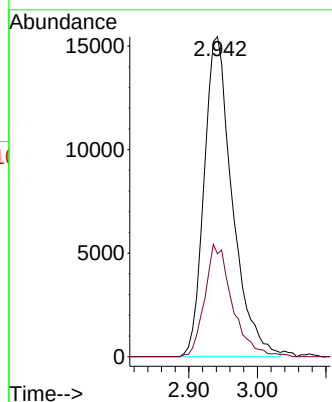
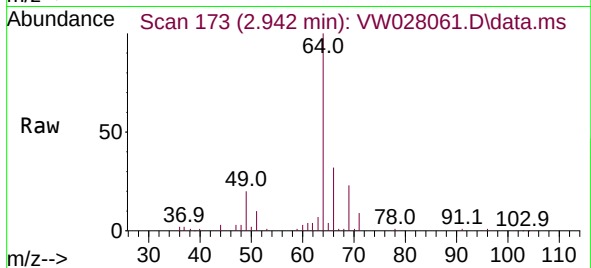




#8
Chloroethane
Concen: 24.560 ug/L
RT: 2.942 min Scan# 11
Delta R.T. 0.012 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

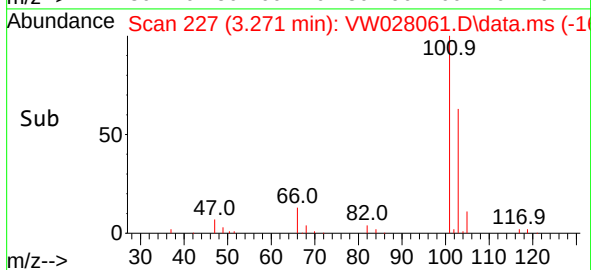
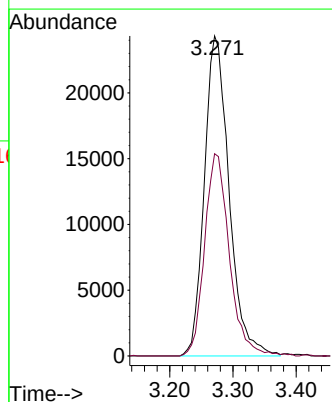
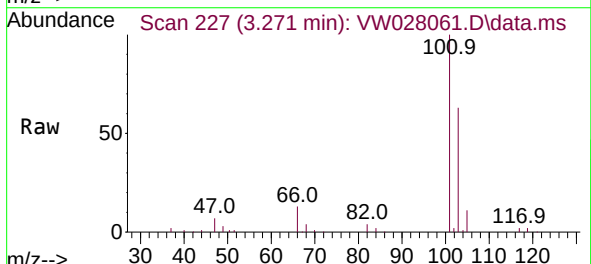
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ClientSampleId :

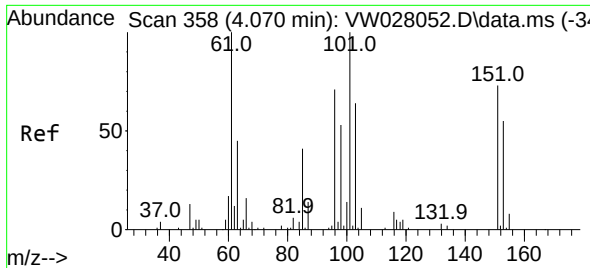
Tgt Ion: 64 Resp: 44251
Ion Ratio Lower Upper
64 100
66 32.1 20.9 38.7



#9
Trichlorofluoromethane
Concen: 22.812 ug/L
RT: 3.271 min Scan# 227
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion:101 Resp: 66111
Ion Ratio Lower Upper
101 100
103 63.2 51.6 77.4

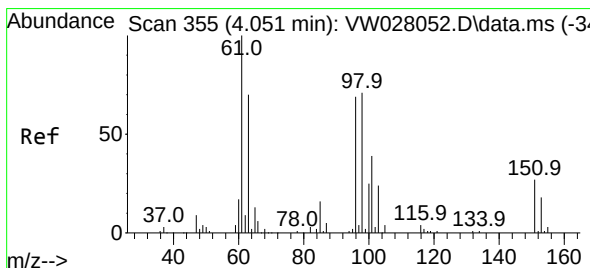
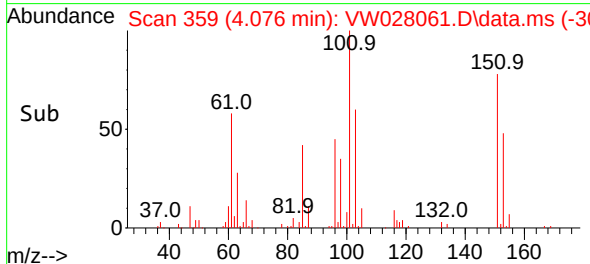
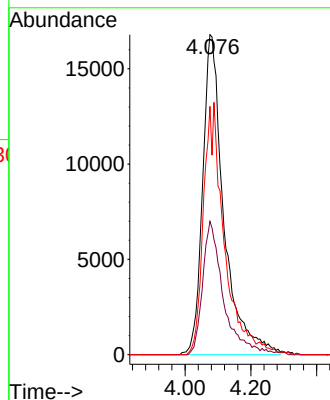
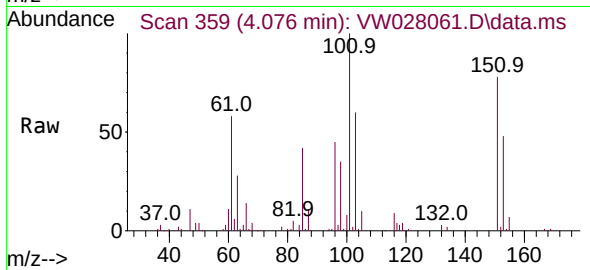




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.805 ug/L
 RT: 4.076 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

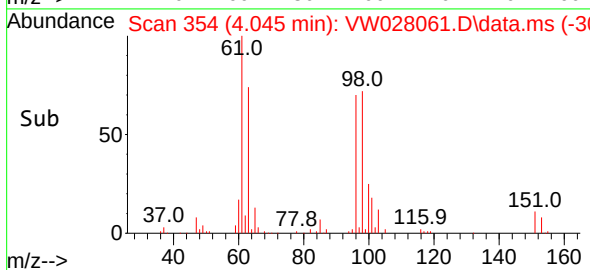
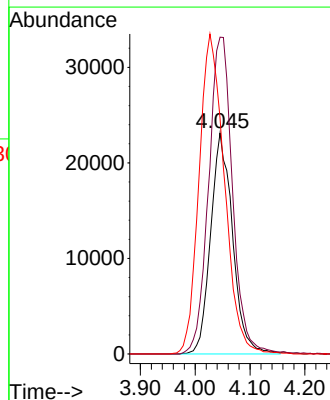
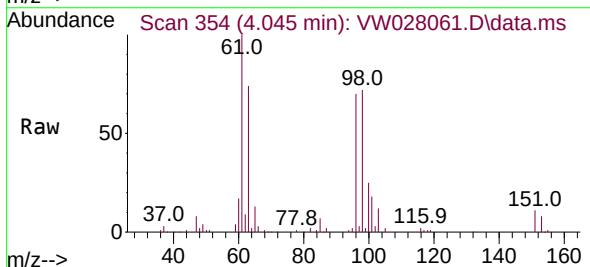
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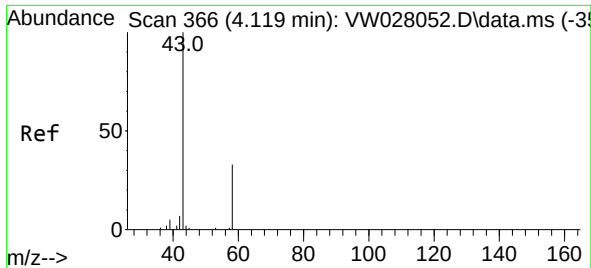
Tgt Ion:101 Resp: 75381
 Ion Ratio Lower Upper
 101 100
 85 37.9 33.8 50.6
 151 33.3 62.6 93.8#



#12
 1,1-Dichloroethene
 Concen: 23.650 ug/L
 RT: 4.045 min Scan# 354
 Delta R.T. -0.006 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Tgt Ion: 96 Resp: 64266
 Ion Ratio Lower Upper
 96 100
 61 143.4 107.4 199.4
 63 106.7 86.0 159.6





#13

Acetone

Concen: 53.061 ug/L

RT: 4.124 min Scan# 367

Delta R.T. 0.006 min

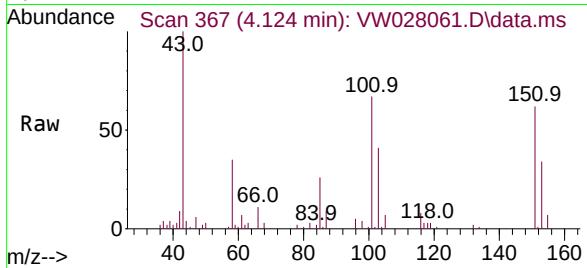
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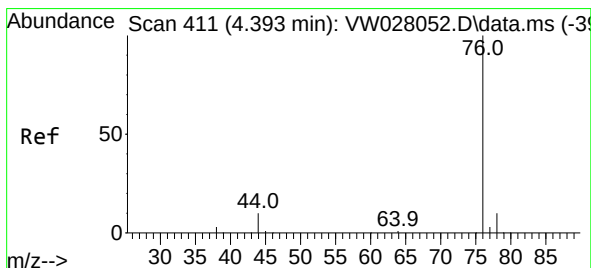
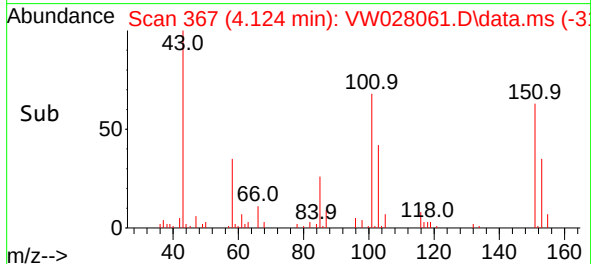
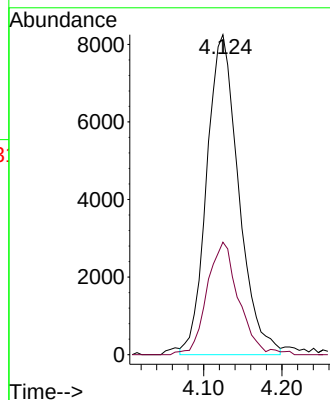


Tgt Ion: 43 Resp: 23359

Ion Ratio Lower Upper

43 100

58 32.5 0.0 66.0



#14

Carbon disulfide

Concen: 20.466 ug/L

RT: 4.393 min Scan# 411

Delta R.T. -0.000 min

Lab File: VW028061.D

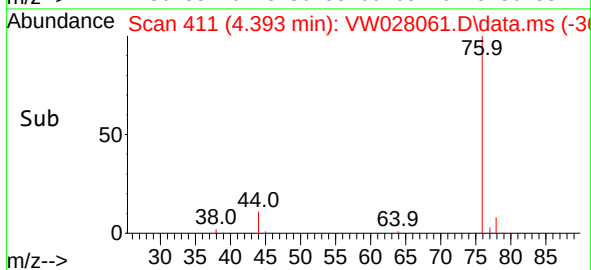
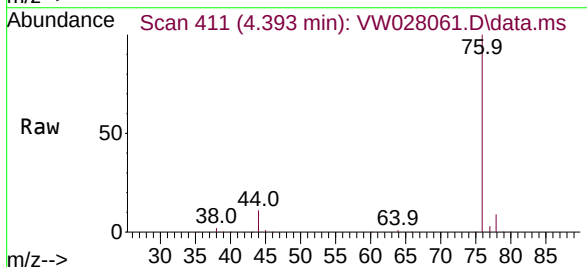
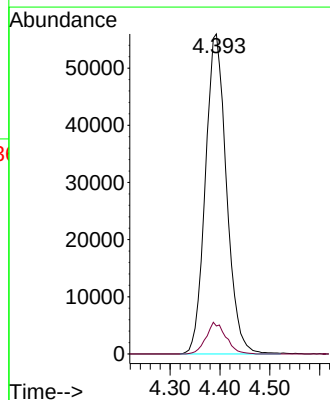
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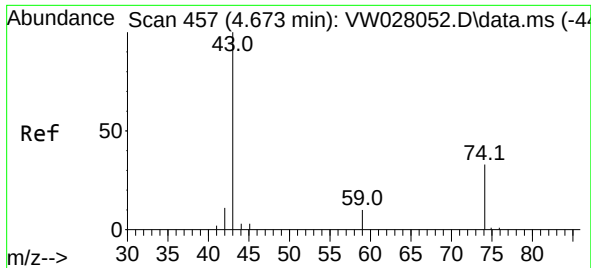
Tgt Ion: 76 Resp: 164648

Ion Ratio Lower Upper

76 100

78 8.7 7.5 11.3

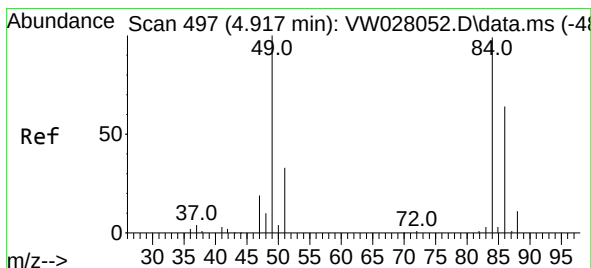
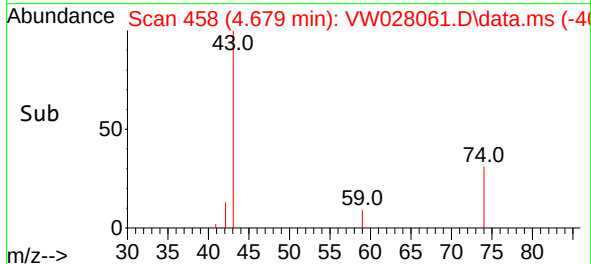
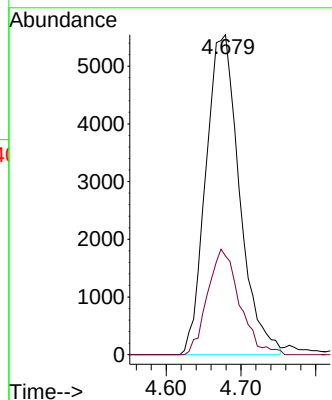
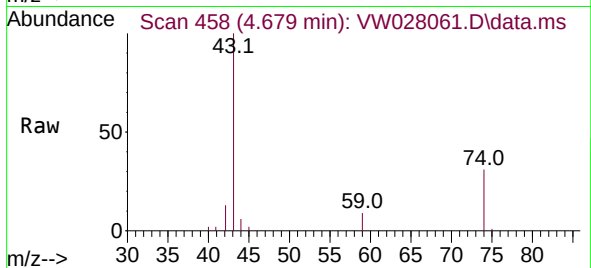




#15
Methyl Acetate
Concen: 23.708 ug/L
RT: 4.679 min Scan# 457
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

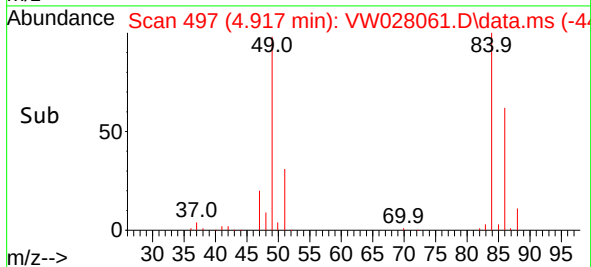
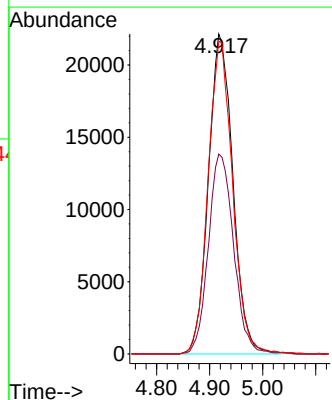
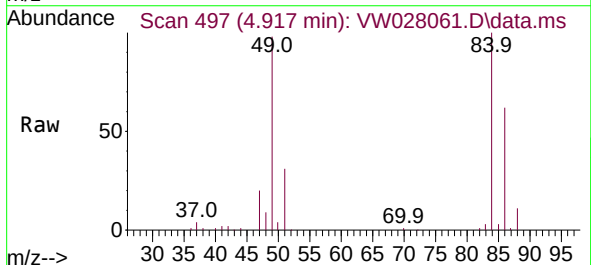
Instrument :
MSVOA_W
ClientSampleId :

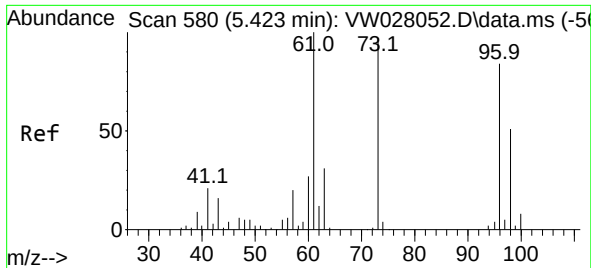
Tgt Ion: 43 Resp: 17375
Ion Ratio Lower Upper
43 100
74 30.6 24.2 36.2



#16
Methylene chloride
Concen: 22.822 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

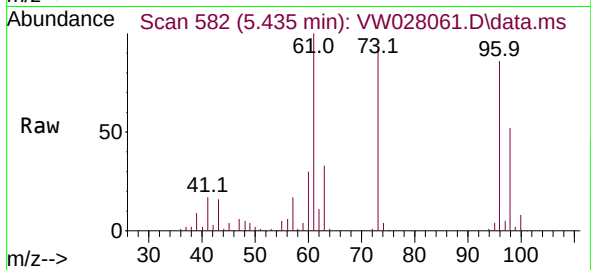
Tgt Ion: 84 Resp: 70963
Ion Ratio Lower Upper
84 100
86 62.4 45.4 84.4
49 97.7 66.3 123.1





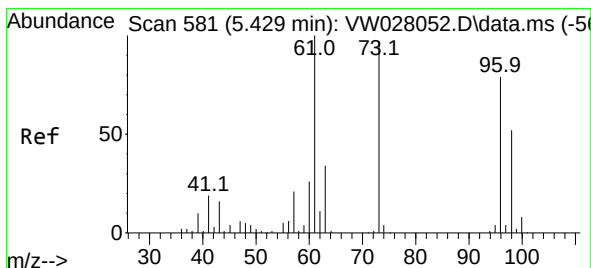
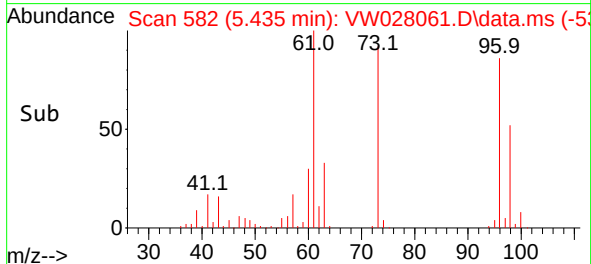
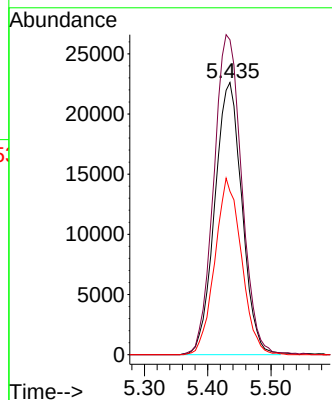
#17
 trans-1,2-Dichloroethene
 Concen: 23.189 ug/L
 RT: 5.435 min Scan# 580
 Delta R.T. 0.012 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 67704

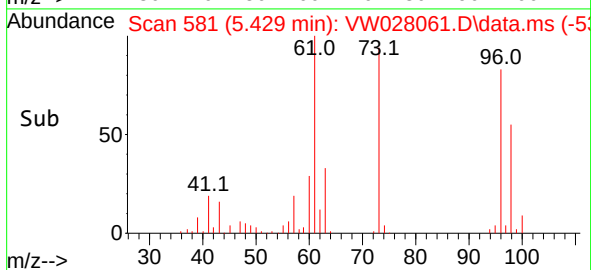
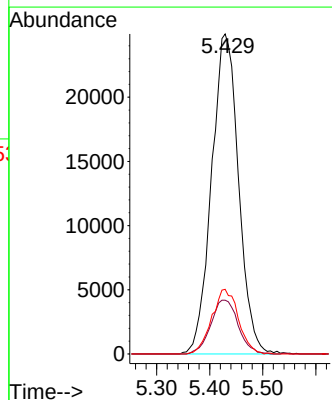
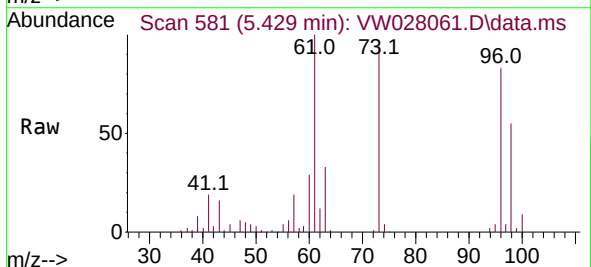
Ion	Ratio	Lower	Upper
96	100		
61	115.7	80.1	148.7
98	60.0	43.8	81.4

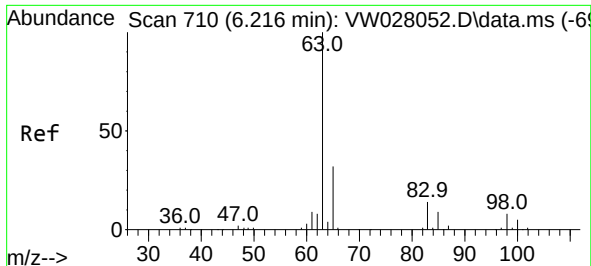


#18
 Methyl tert-butyl Ether
 Concen: 25.469 ug/L
 RT: 5.429 min Scan# 581
 Delta R.T. -0.000 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Tgt Ion: 73 Resp: 88153

Ion	Ratio	Lower	Upper
73	100		
43	17.0	13.4	20.0
57	19.8	16.3	24.5





#19

1,1-Dichloroethane

Concen: 24.926 ug/L

RT: 6.222 min Scan# 711

Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :

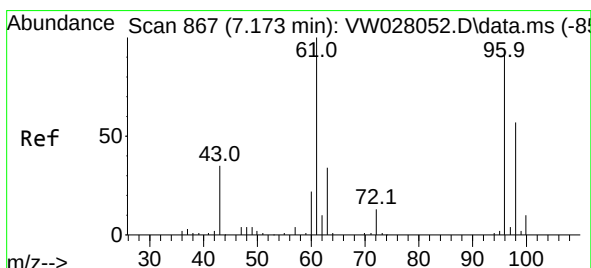
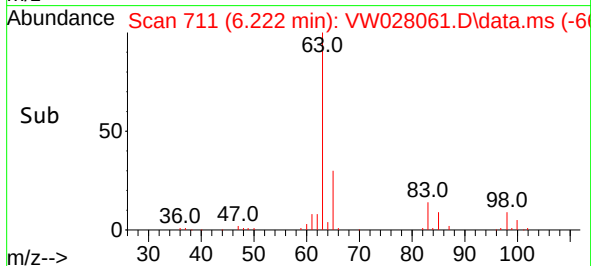
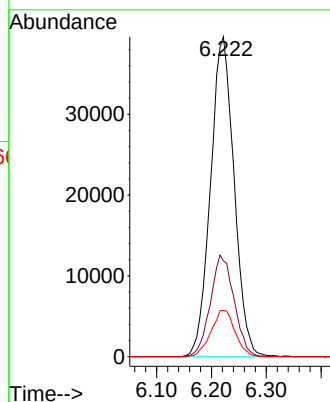
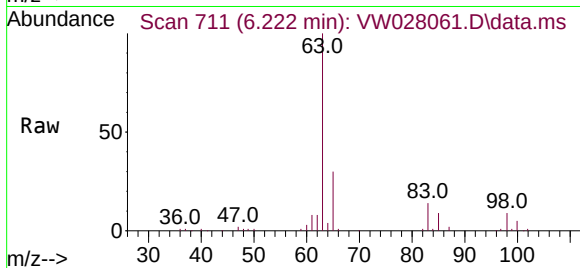
Tgt Ion: 63 Resp: 118224

Ion Ratio Lower Upper

63 100

65 29.9 23.1 42.9

83 14.5 9.9 18.3



#20

cis-1,2-Dichloroethene

Concen: 25.002 ug/L

RT: 7.173 min Scan# 867

Delta R.T. -0.000 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

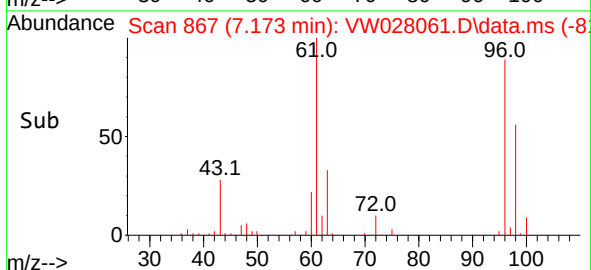
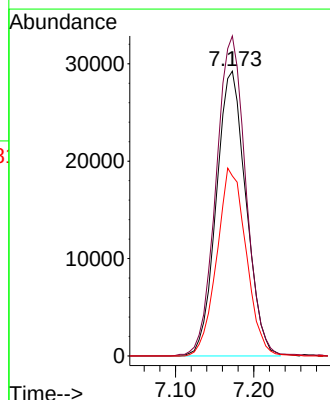
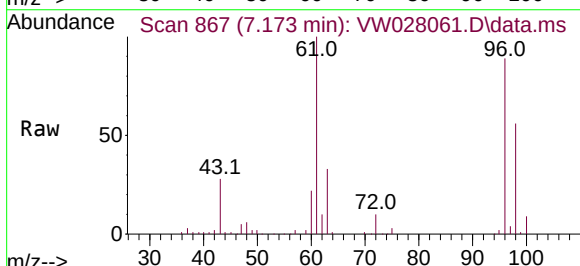
Tgt Ion: 96 Resp: 77081

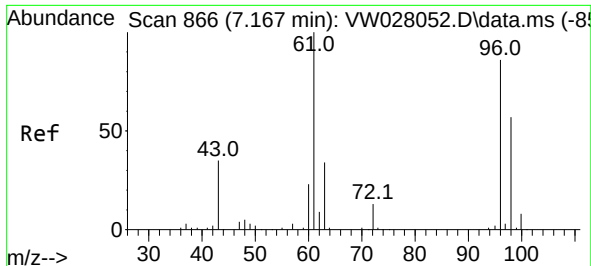
Ion Ratio Lower Upper

96 100

61 112.3 76.3 141.7

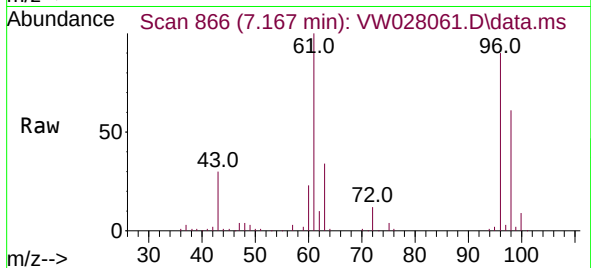
98 63.2 42.9 79.7



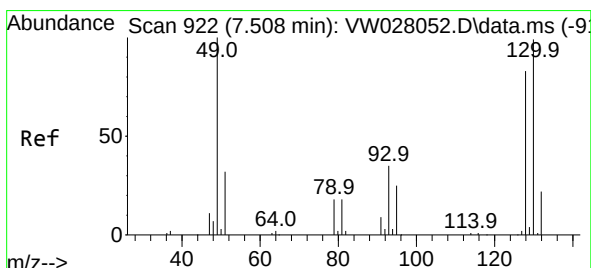
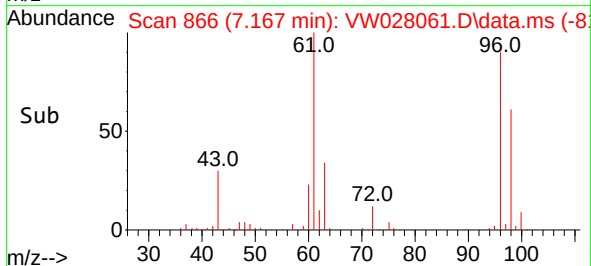
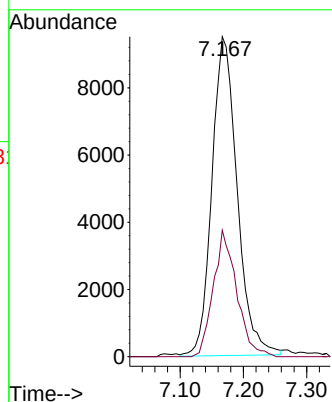


#22
2-Butanone
Concen: 51.701 ug/L
RT: 7.167 min Scan# 866
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Instrument :
MSVOA_W
ClientSampleId :

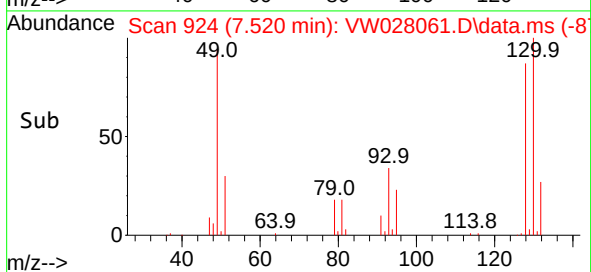
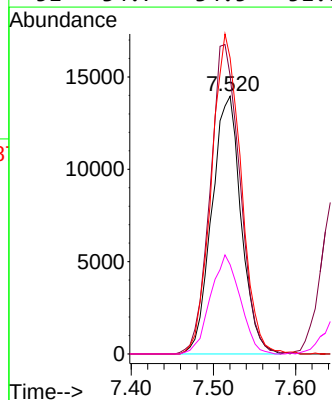
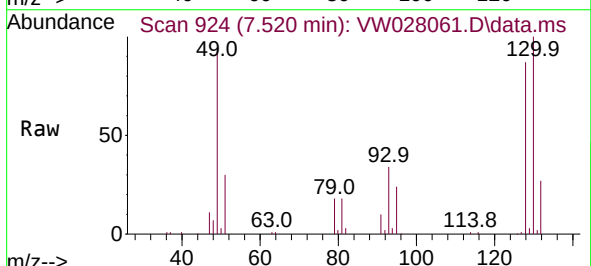


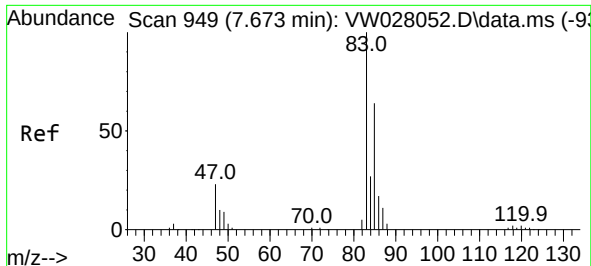
Tgt Ion: 43 Resp: 26273
Ion Ratio Lower Upper
43 100
72 36.7 17.0 50.9



#23
Bromochloromethane
Concen: 25.340 ug/L
RT: 7.520 min Scan# 924
Delta R.T. 0.012 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion: 128 Resp: 34702
Ion Ratio Lower Upper
128 100
49 108.0 93.2 173.2
130 114.9 97.4 180.8
51 34.7 34.5 51.7

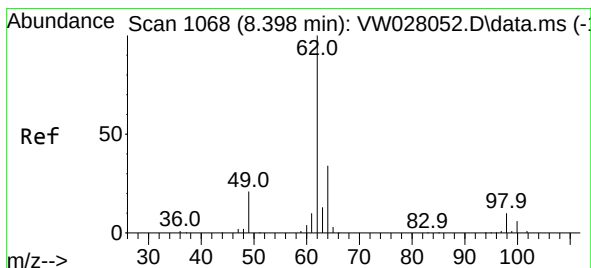
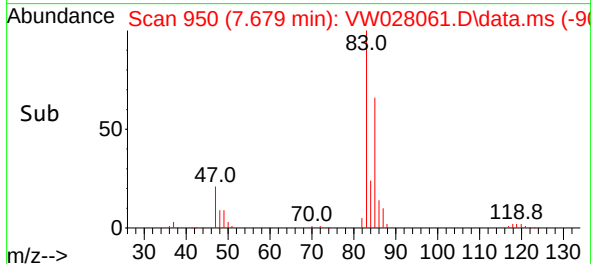
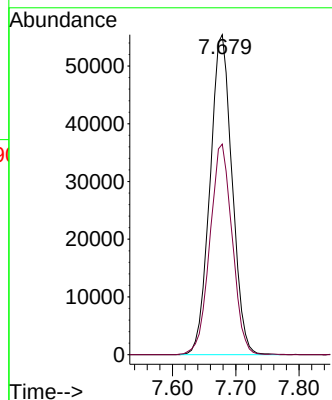
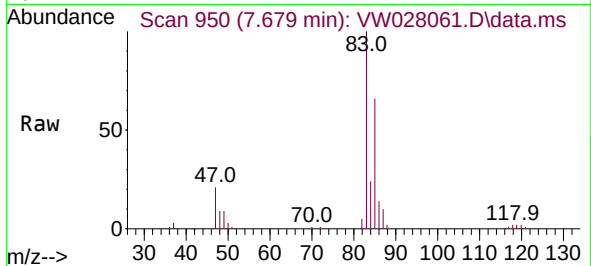




#25
Chloroform
Concen: 26.341 ug/L
RT: 7.679 min Scan# 949
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

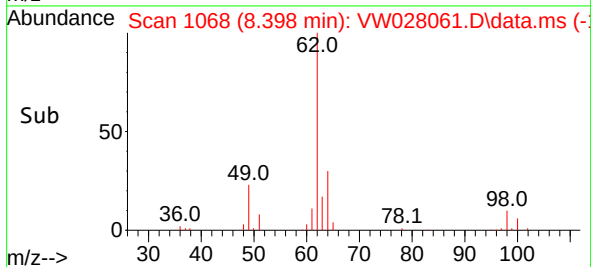
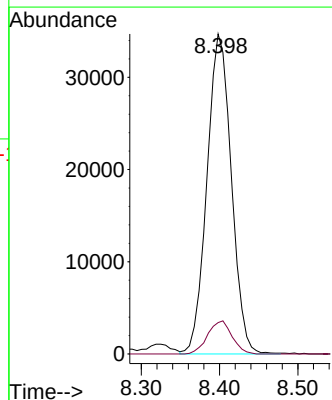
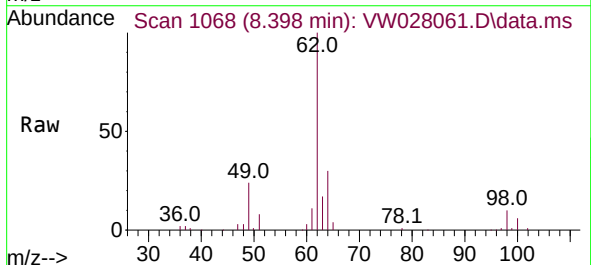
Instrument :
MSVOA_W
ClientSampleId :

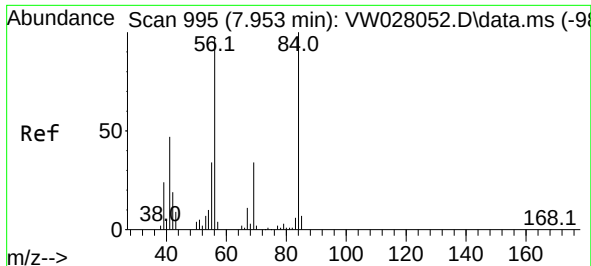
Tgt Ion: 83 Resp: 134309
Ion Ratio Lower Upper
83 100
85 65.8 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.490 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

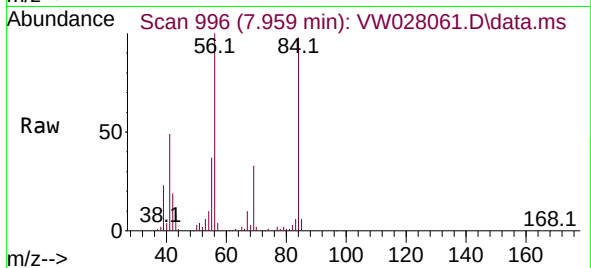
Tgt Ion: 62 Resp: 75217
Ion Ratio Lower Upper
62 100
98 9.8 9.4 14.2



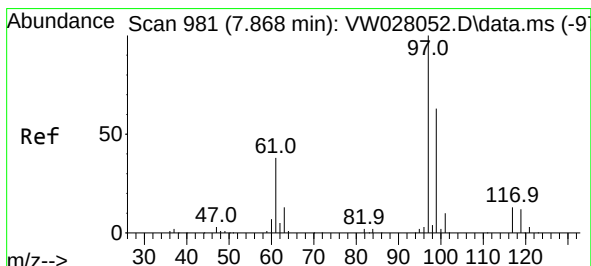
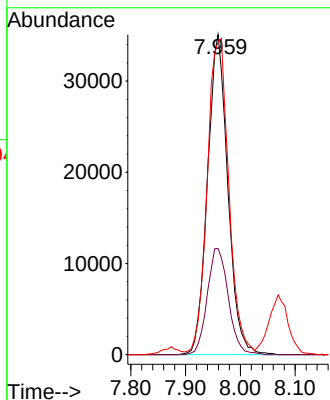
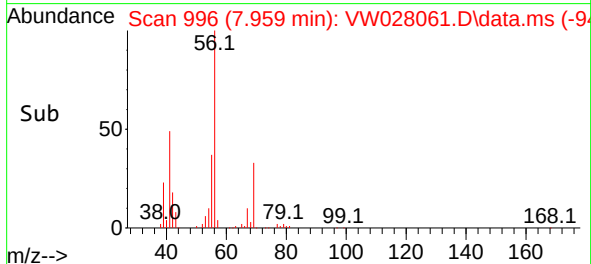


#29
Cyclohexane
Concen: 23.302 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Instrument :
MSVOA_W
ClientSampleId :

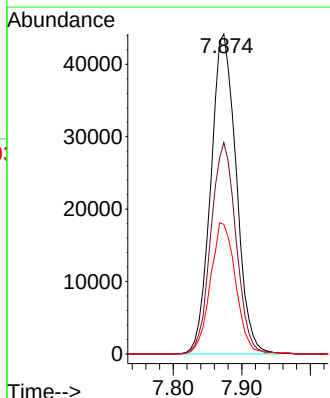
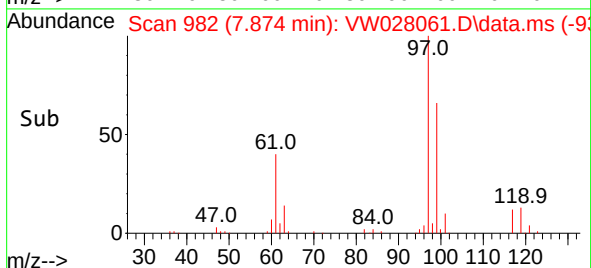
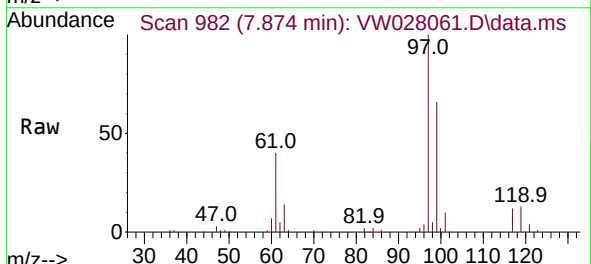


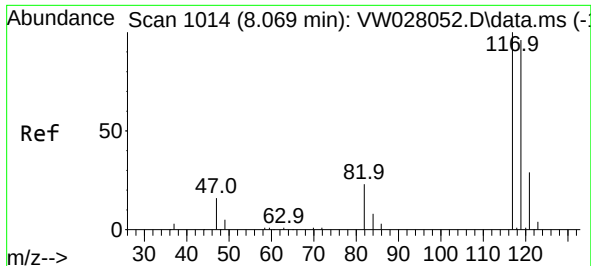
Tgt Ion: 56 Resp: 90314
Ion Ratio Lower Upper
56 100
69 34.4 26.3 39.5
84 104.8 81.6 122.4



#30
1,1,1-Trichloroethane
Concen: 27.146 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

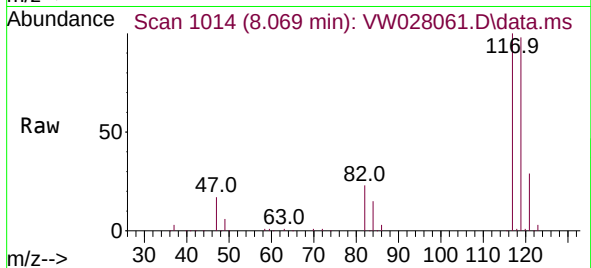
Tgt Ion: 97 Resp: 113949
Ion Ratio Lower Upper
97 100
99 65.4 51.4 77.0
61 40.7 32.9 49.3



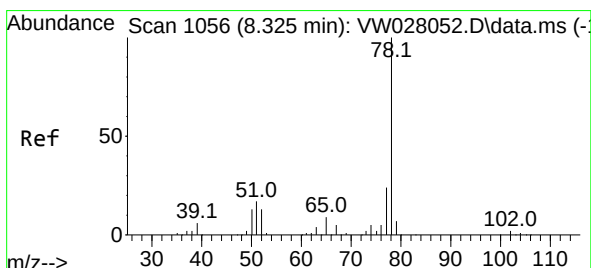
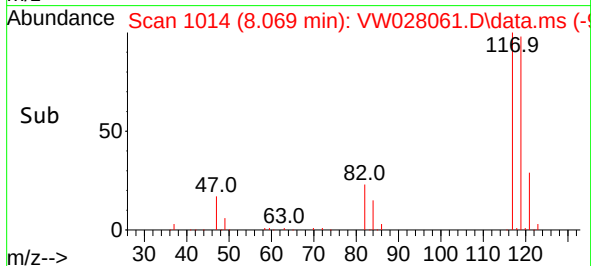
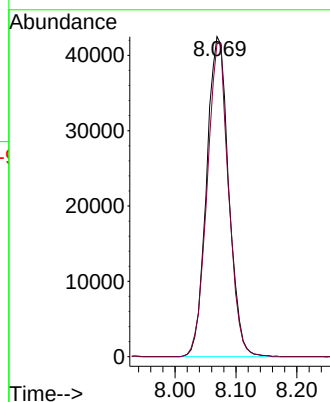


#31
Carbon tetrachloride
Concen: 27.582 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Instrument :
MSVOA_W
ClientSampleId :

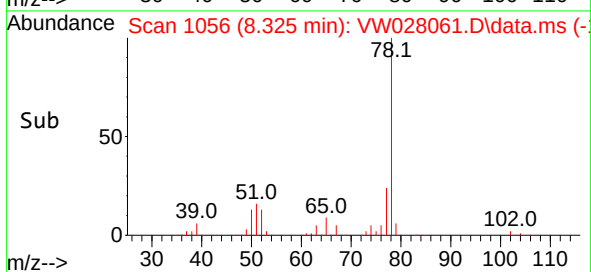
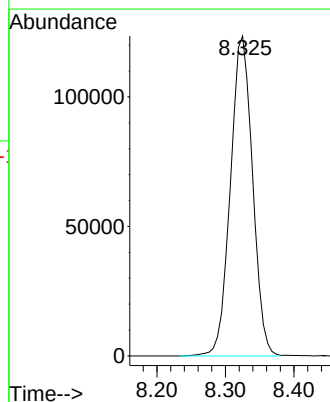
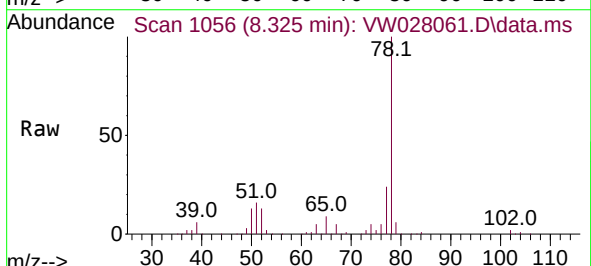


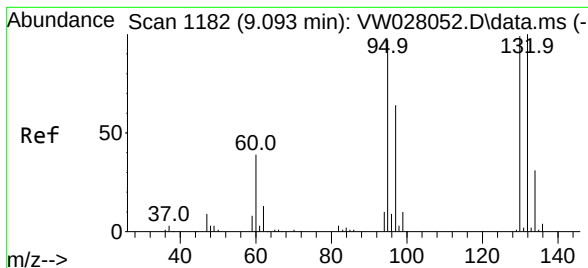
Tgt Ion:117 Resp: 107113
Ion Ratio Lower Upper
117 100
119 95.2 76.5 114.7



#33
Benzene
Concen: 25.526 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion: 78 Resp: 277228





#34

Trichloroethene

Concen: 25.157 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. -0.000 min

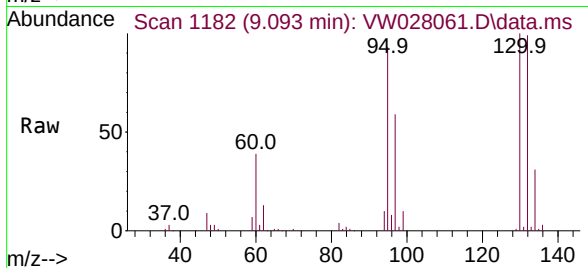
Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 78437

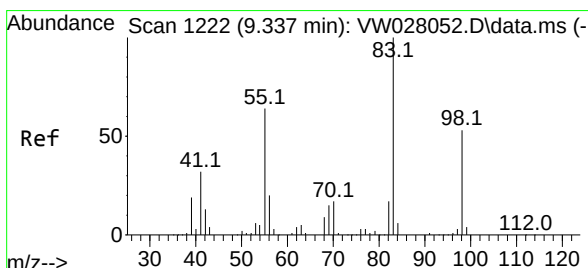
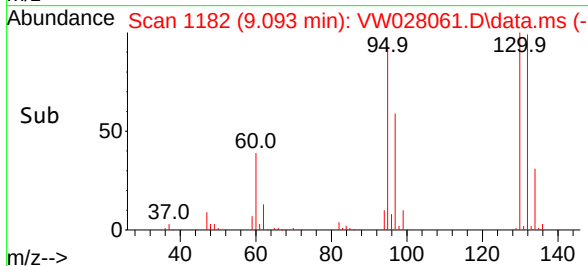
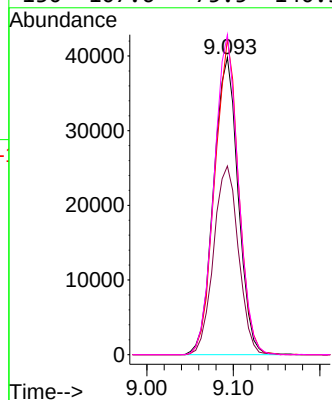
Ion Ratio Lower Upper

95 100

97 63.5 44.3 82.3

132 106.2 68.0 126.2

130 107.6 75.5 140.3



#35

Methylcyclohexane

Concen: 24.037 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

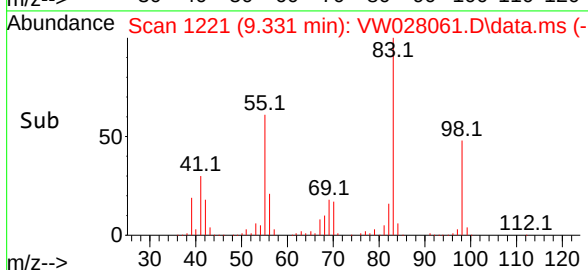
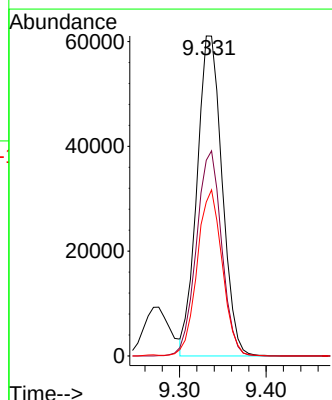
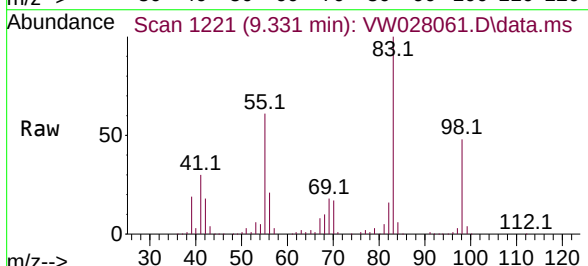
Tgt Ion: 83 Resp: 123322

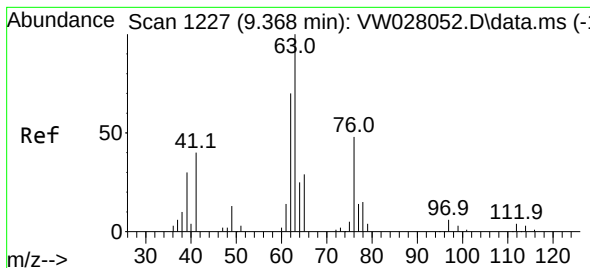
Ion Ratio Lower Upper

83 100

55 64.2 52.3 78.5

98 51.8 41.9 62.9





#37

1,2-Dichloropropane

Concen: 25.689 ug/L

RT: 9.367 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

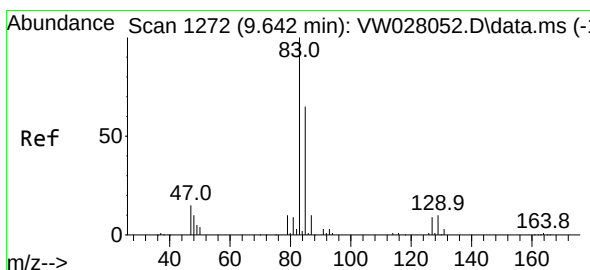
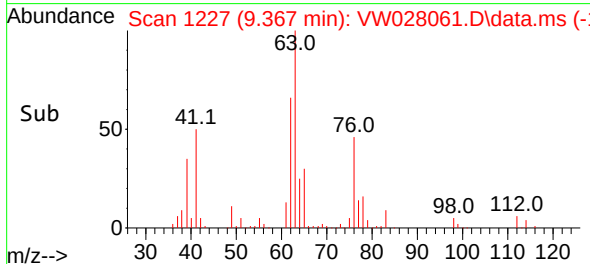
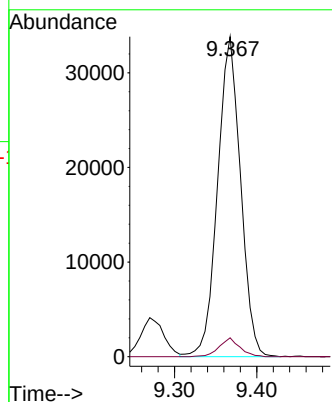
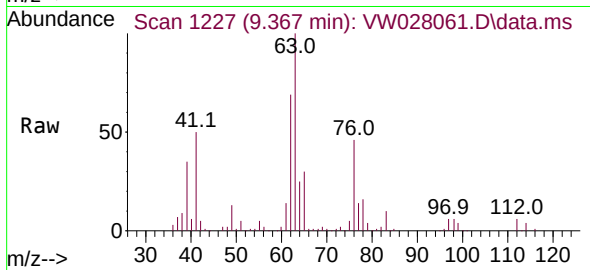
ClientSampleId :

Tgt Ion: 63 Resp: 65561

Ion Ratio Lower Upper

63 100

112 5.2 4.2 6.2



#38

Bromodichloromethane

Concen: 28.074 ug/L

RT: 9.642 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

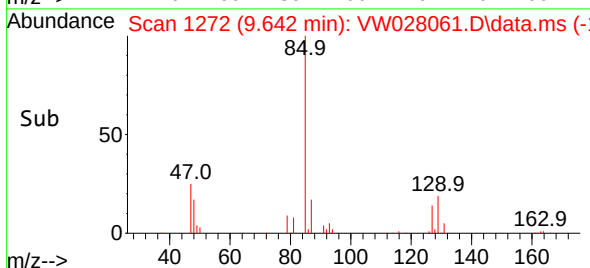
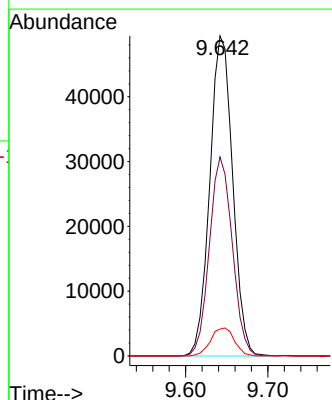
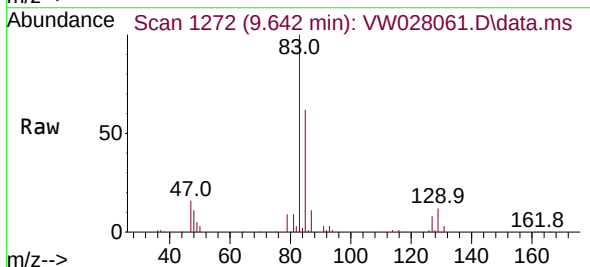
Tgt Ion: 83 Resp: 95639

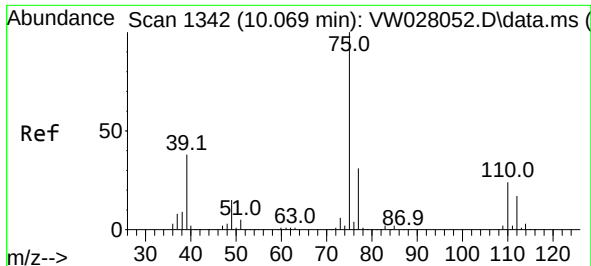
Ion Ratio Lower Upper

83 100

85 62.2 44.7 83.1

127 8.4 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 26.193 ug/L

RT: 10.069 min Scan# 1342

Delta R.T. -0.000 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

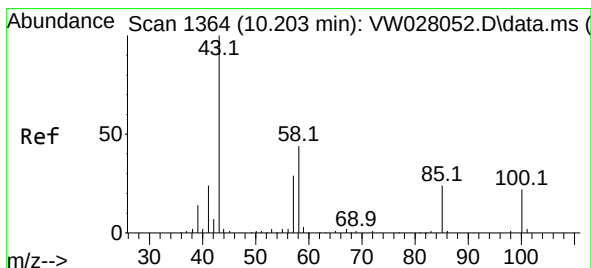
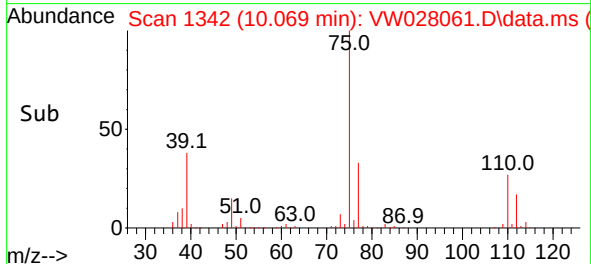
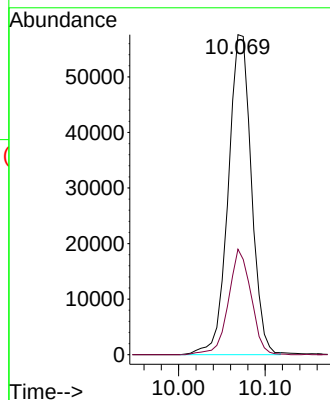
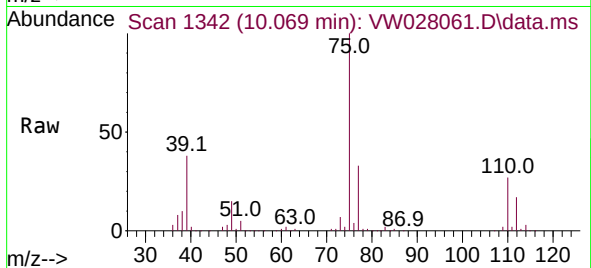
ClientSampleId :

Tgt Ion: 75 Resp: 107147

Ion Ratio Lower Upper

75 100

77 32.9 22.4 41.6



#40

4-Methyl-2-pentanone

Concen: 51.955 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

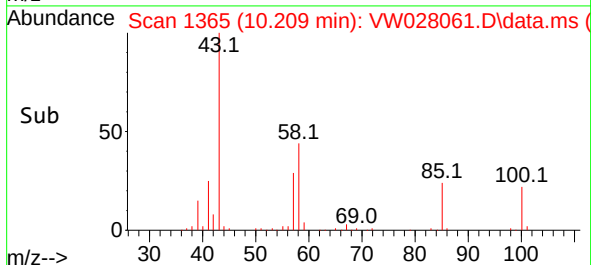
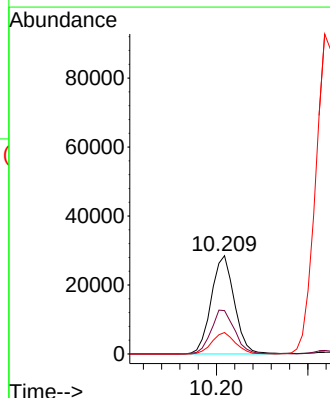
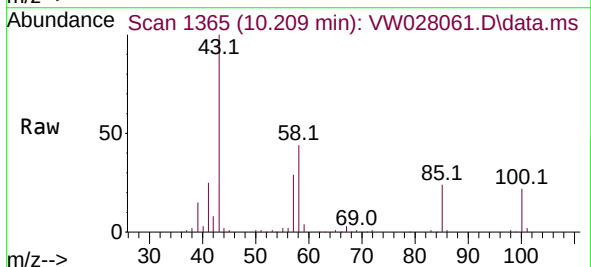
Tgt Ion: 43 Resp: 50047

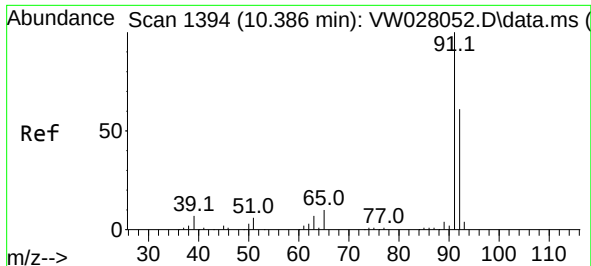
Ion Ratio Lower Upper

43 100

58 45.1 36.7 55.1

100 22.0 18.4 27.6

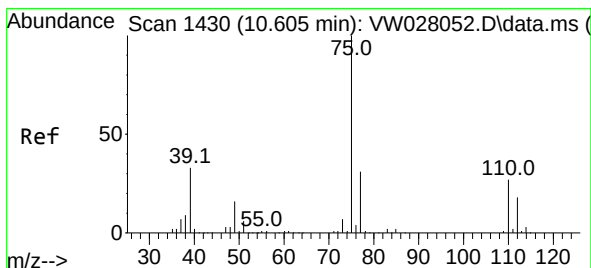
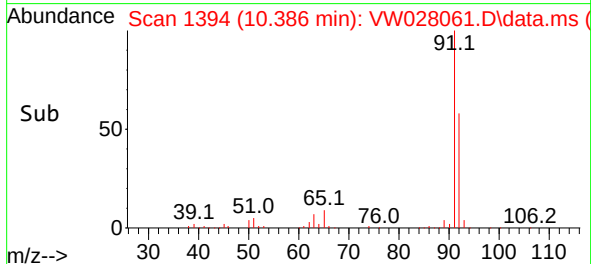
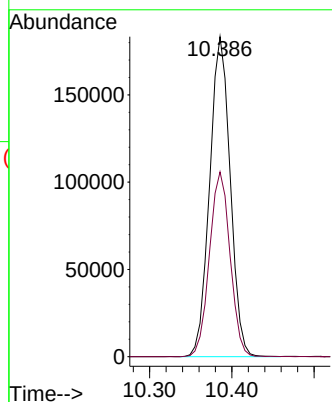
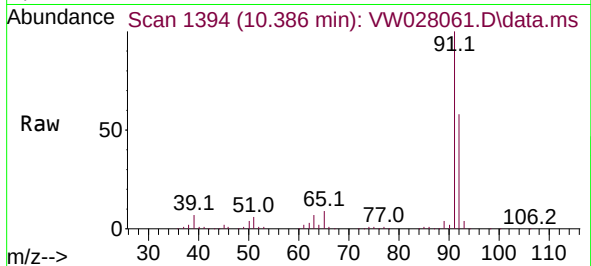




#42
Toluene
Concen: 26.166 ug/L
RT: 10.386 min Scan# 1394
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

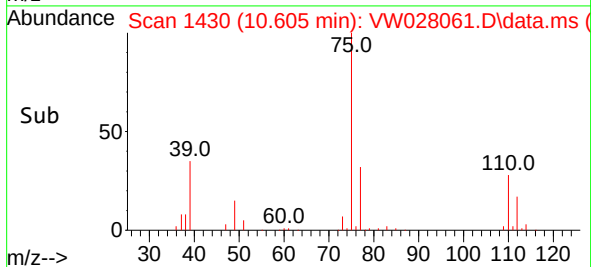
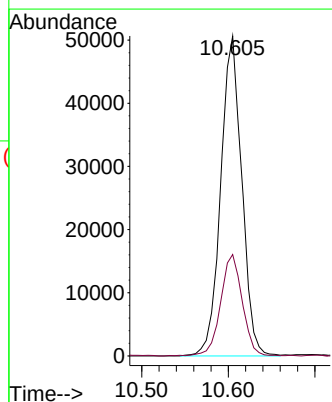
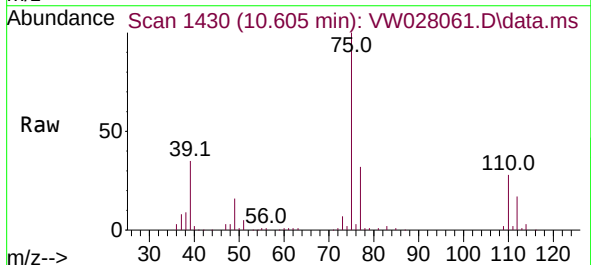
Instrument :
MSVOA_W
ClientSampleId :

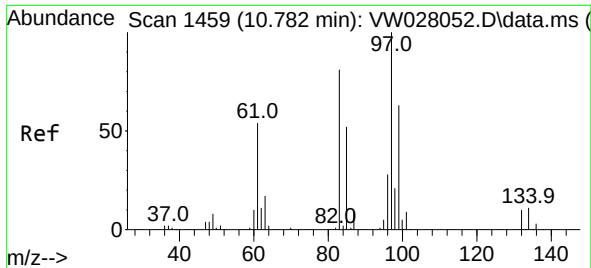
Tgt Ion: 91 Resp: 318625
Ion Ratio Lower Upper
91 100
92 57.7 38.8 72.0



#44
trans-1,3-Dichloropropene
Concen: 26.384 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

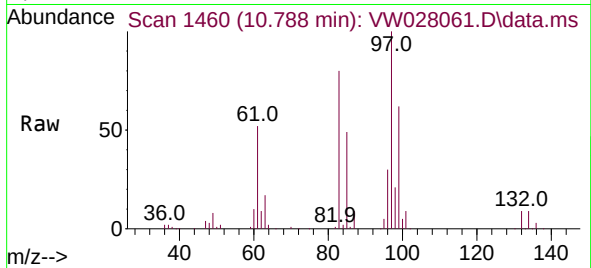
Tgt Ion: 75 Resp: 85662
Ion Ratio Lower Upper
75 100
77 31.7 21.5 39.9



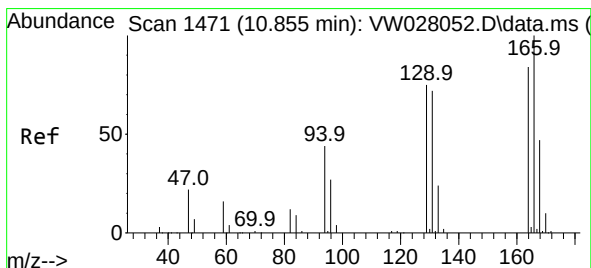
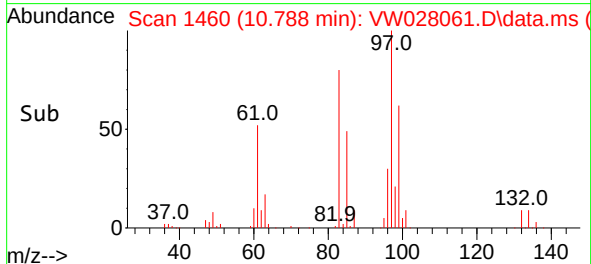
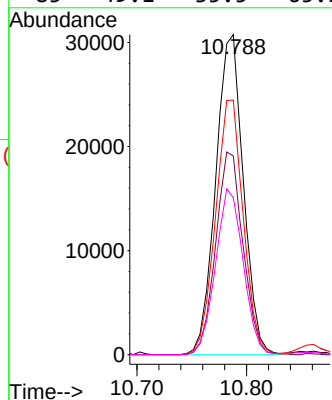


#45
1,1,2-Trichloroethane
Concen: 26.669 ug/L
RT: 10.788 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Instrument :
MSVOA_W
ClientSampleId :

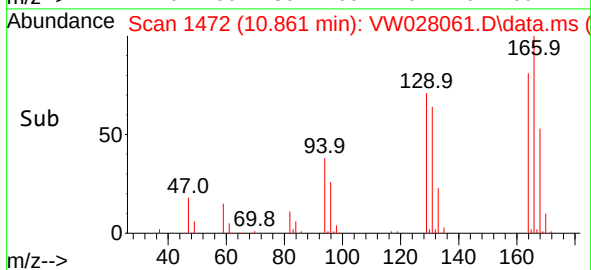
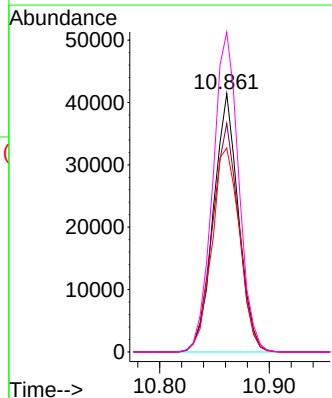
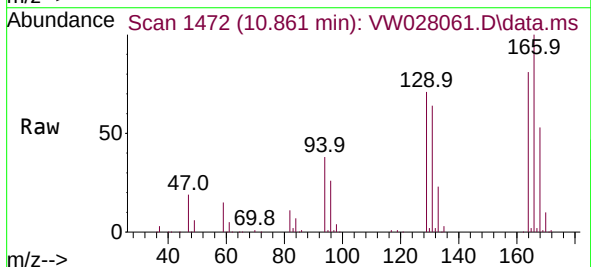


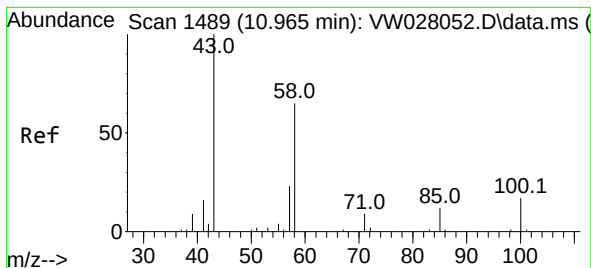
Tgt Ion: 97	Resp: 53873
Ion Ratio	Lower Upper
97 100	
99 62.1	43.3 80.5
83 79.6	57.2 106.2
85 49.1	35.5 65.9



#46
Tetrachloroethene
Concen: 25.002 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt	Ion:164	Resp:	65592
Ion	Ratio	Lower	Upper
164	100		
129	88.5	59.4	110.2
131	79.0	65.0	120.6
166	123.9	86.7	161.1





#48

2-Hexanone

Concen: 53.659 ug/L

RT: 10.965 min Scan# 1489

Delta R.T. -0.000 min

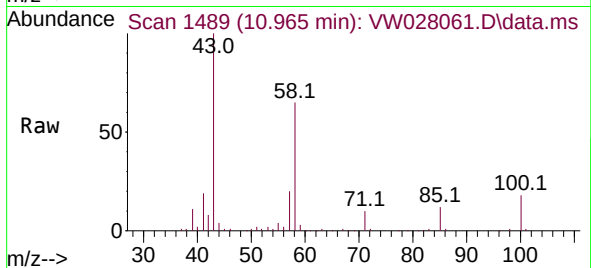
Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 39150

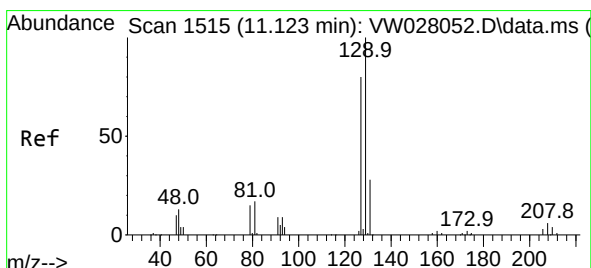
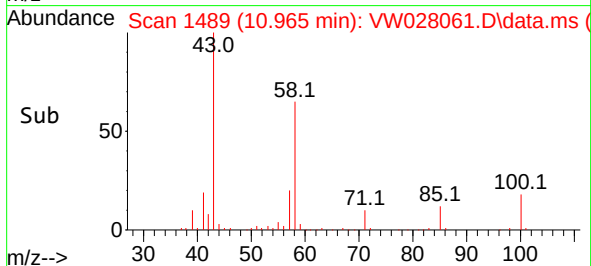
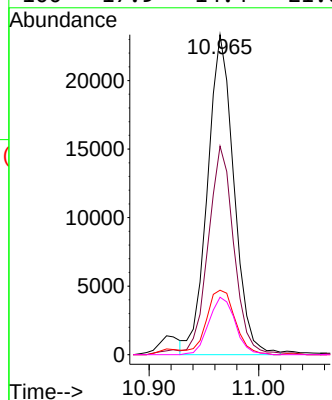
Ion Ratio Lower Upper

43 100

58 63.1 51.4 77.2

57 21.7 17.4 26.2

100 17.9 14.4 21.6



#49

Dibromochloromethane

Concen: 26.861 ug/L

RT: 11.123 min Scan# 1515

Delta R.T. -0.000 min

Lab File: VW028061.D

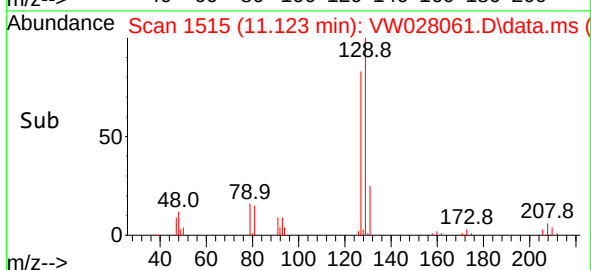
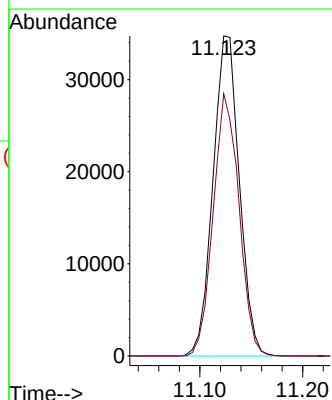
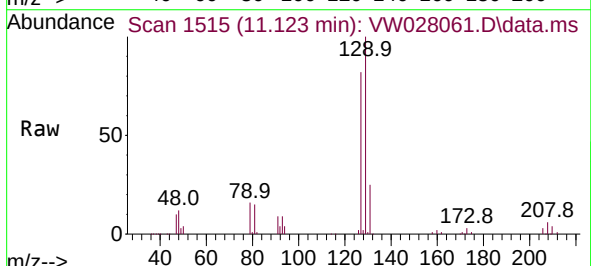
Acq: 26 Feb 2024 10:11

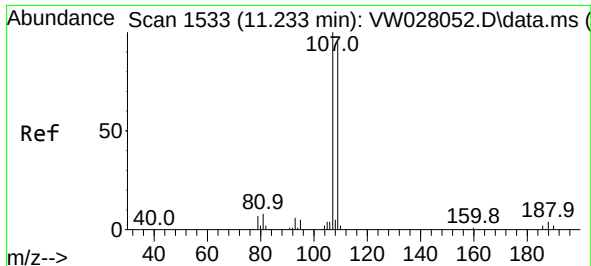
Tgt Ion: 129 Resp: 61862

Ion Ratio Lower Upper

129 100

127 81.9 49.6 92.0





#50

1,2-Dibromoethane

Concen: 25.904 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VW028061.D

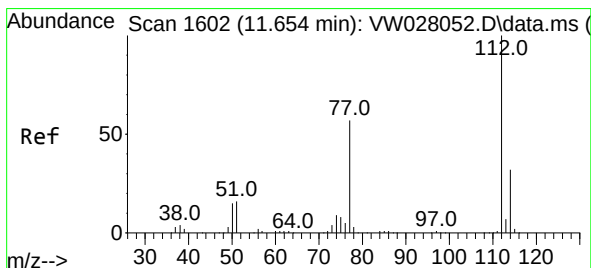
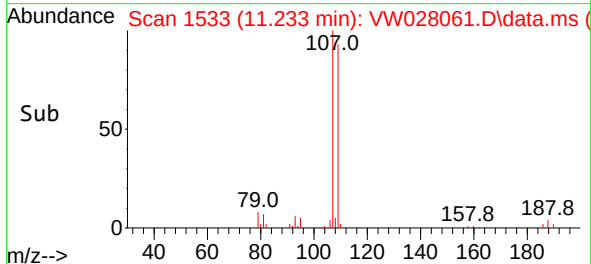
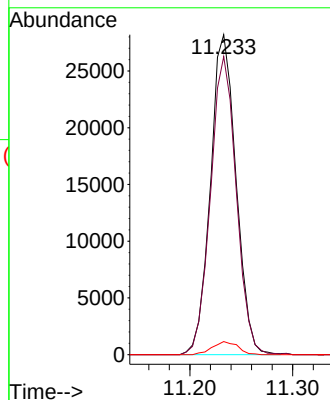
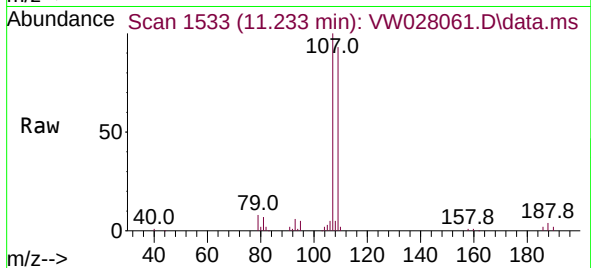
Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	48843
Ion Ratio	Lower	Upper
107	100	
109	93.1	71.2 132.2
188	4.1	3.1 4.7



#51

Chlorobenzene

Concen: 26.047 ug/L

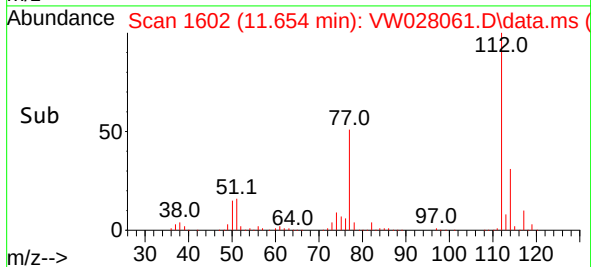
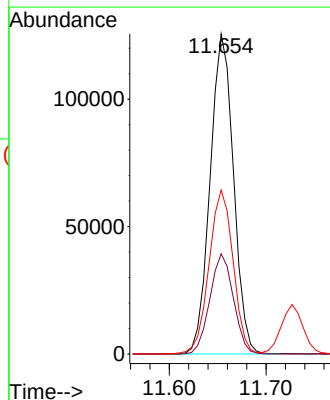
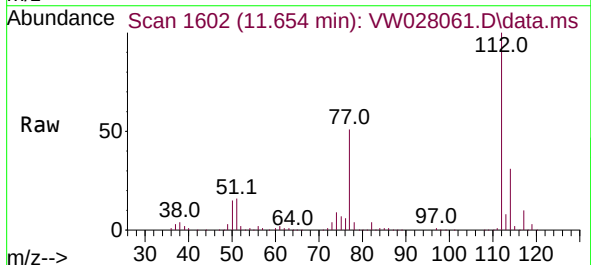
RT: 11.654 min Scan# 1602

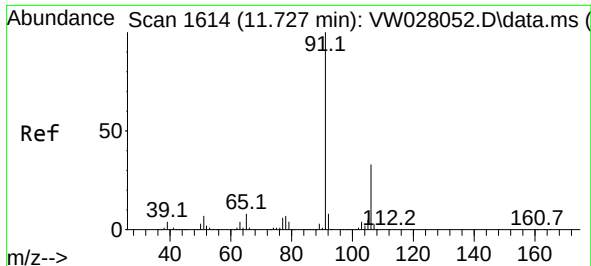
Delta R.T. -0.000 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Tgt Ion:112	Resp:	210958
Ion Ratio	Lower	Upper
112	100	
114	31.3	22.7 42.3
77	51.2	42.6 64.0

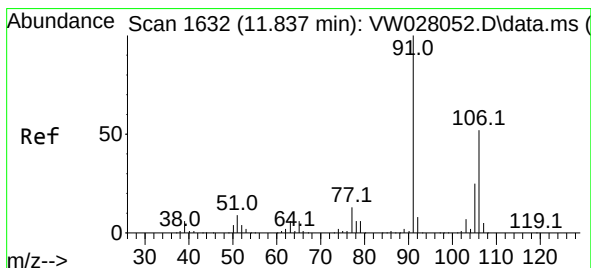
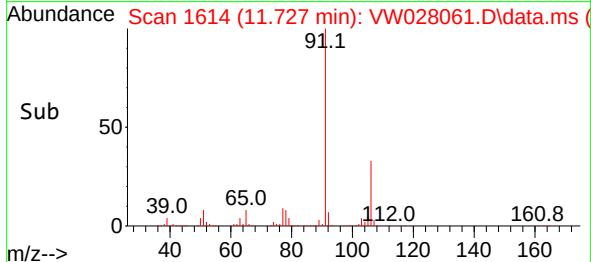
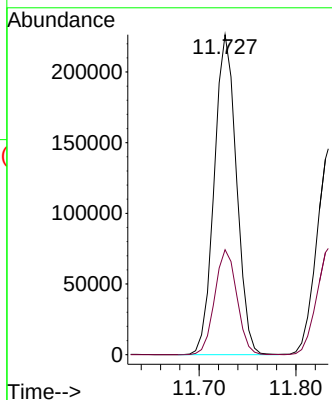
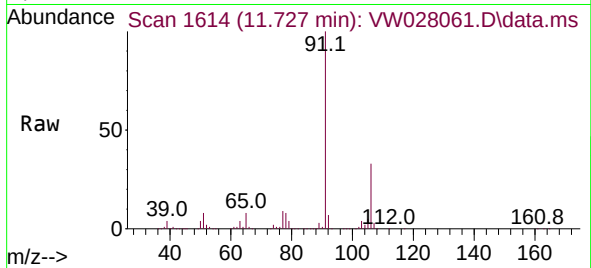




#52
Ethylbenzene
Concen: 26.320 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

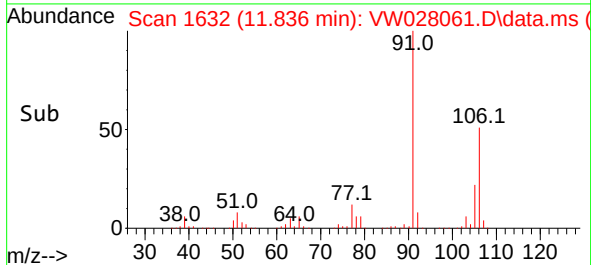
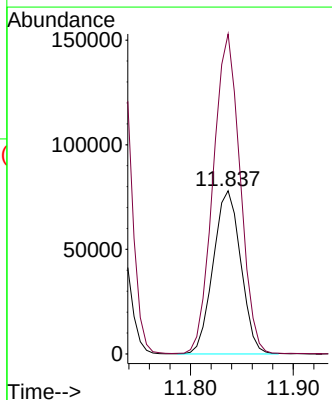
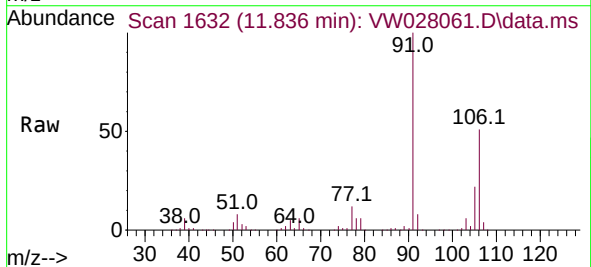
Instrument :
MSVOA_W
ClientSampleId :

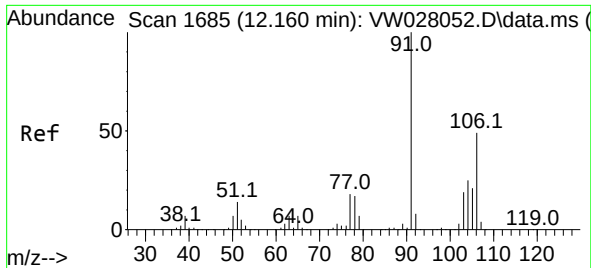
Tgt Ion: 91 Resp: 361361
Ion Ratio Lower Upper
91 100
106 32.8 22.8 42.4



#53
m,p-Xylene
Concen: 27.022 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion:106 Resp: 145499
Ion Ratio Lower Upper
106 100
91 196.0 130.0 241.4

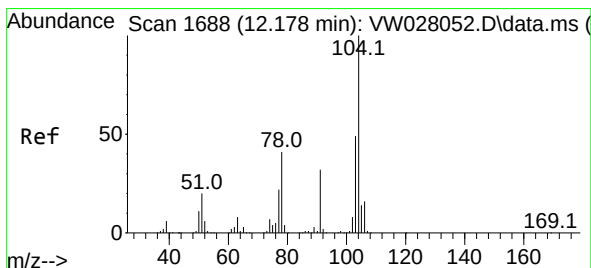
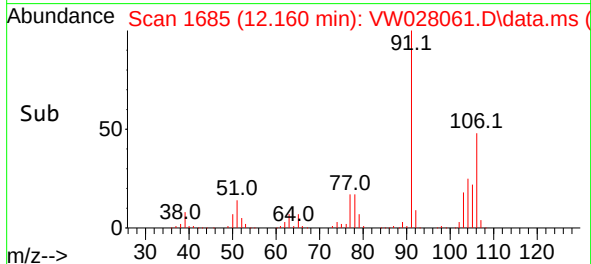
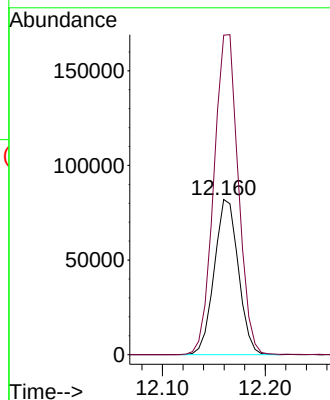
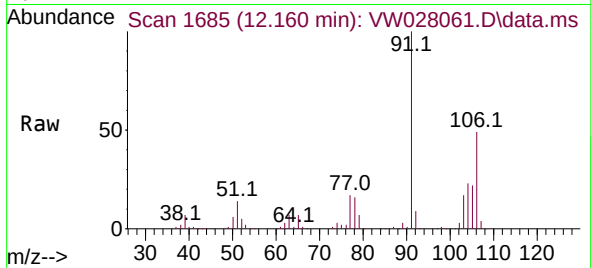




#54
o-Xylene
Concen: 26.449 ug/L
RT: 12.160 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

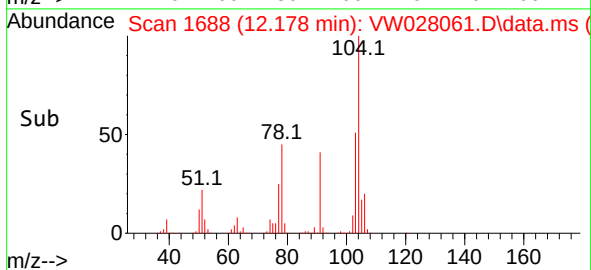
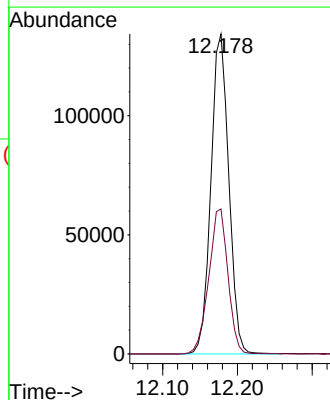
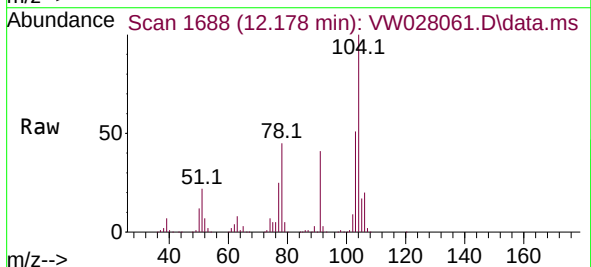
Instrument :
MSVOA_W
ClientSampleId :

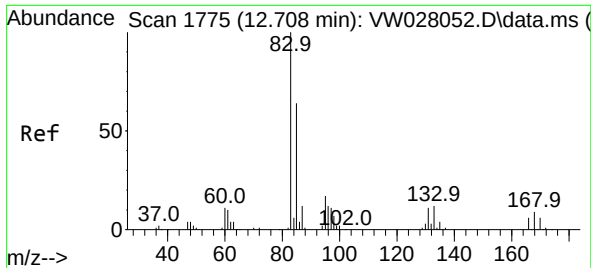
Tgt Ion:106 Resp: 133566
Ion Ratio Lower Upper
106 100
91 205.8 146.4 272.0



#55
Styrene
Concen: 26.581 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion:104 Resp: 223577
Ion Ratio Lower Upper
104 100
78 45.3 28.3 52.7





#57

1,1,2,2-Tetrachloroethane

Concen: 25.811 ug/L

RT: 12.714 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW028061.D

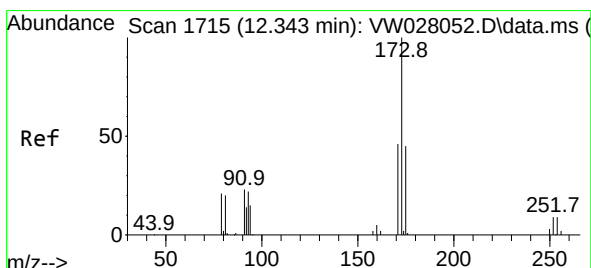
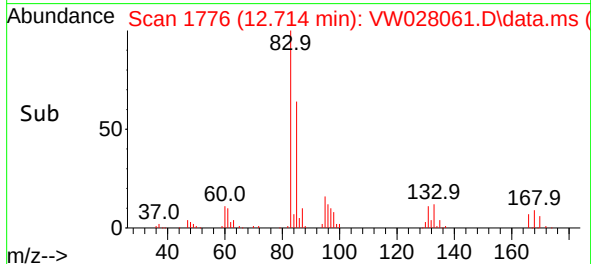
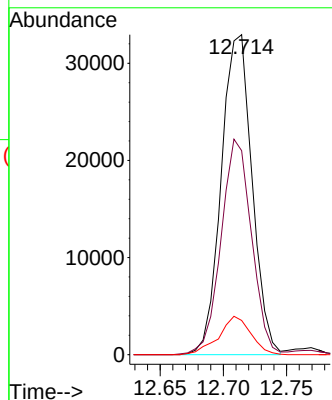
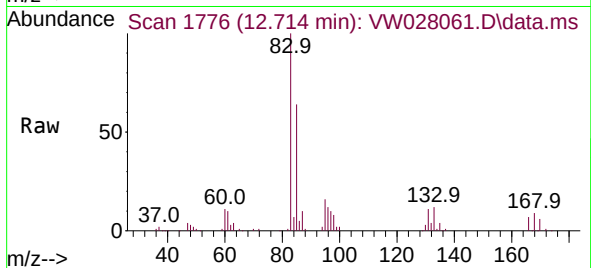
Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	55835
Ion Ratio	Lower	Upper	
83	100		
85	63.7	42.9	79.7
131	10.7	8.7	13.1



#59

Bromoform

Concen: 27.140 ug/L

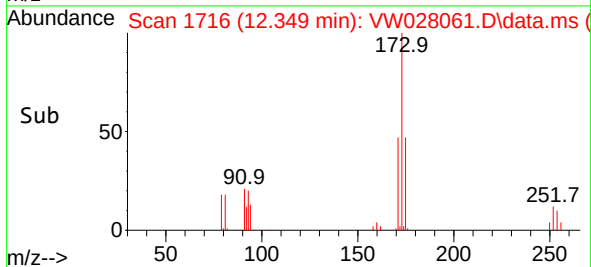
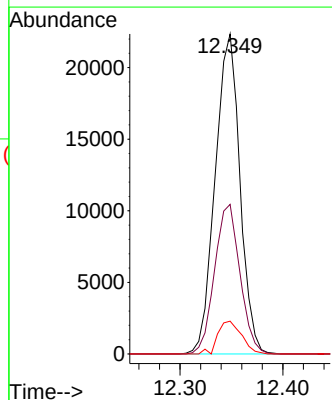
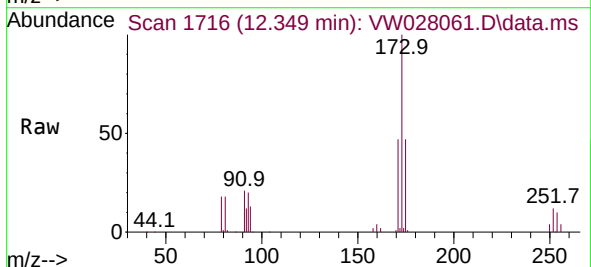
RT: 12.349 min Scan# 1716

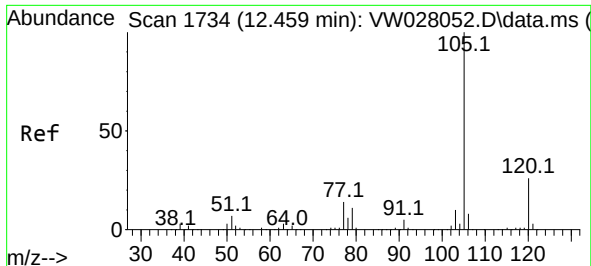
Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Tgt Ion:	173	Resp:	37336
Ion Ratio	Lower	Upper	
173	100		
175	47.9	37.8	56.8
254	9.5	8.4	12.6

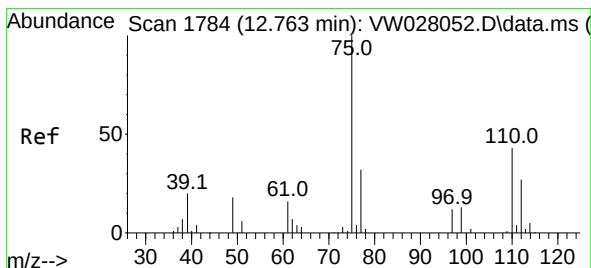
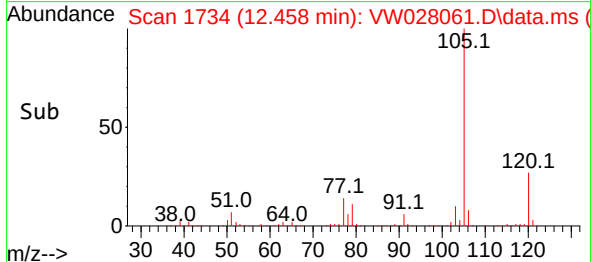
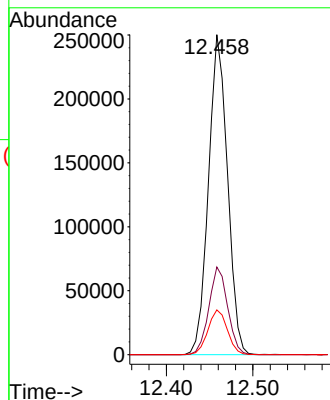
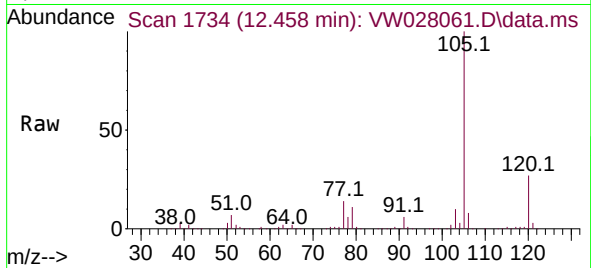




#60
Isopropylbenzene
Concen: 26.215 ug/L
RT: 12.458 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

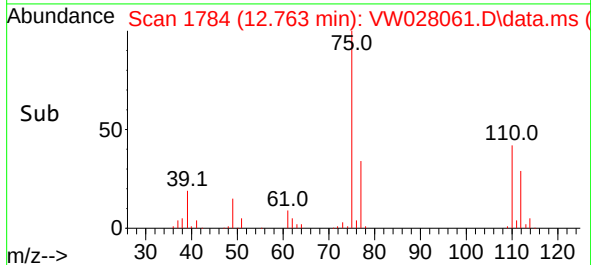
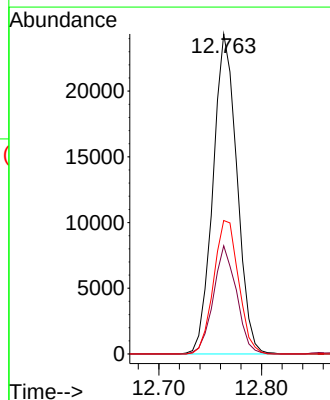
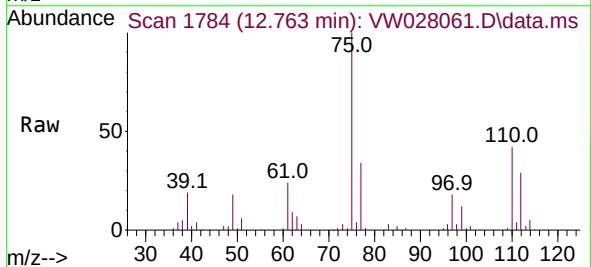
Instrument :
MSVOA_W
ClientSampleId :

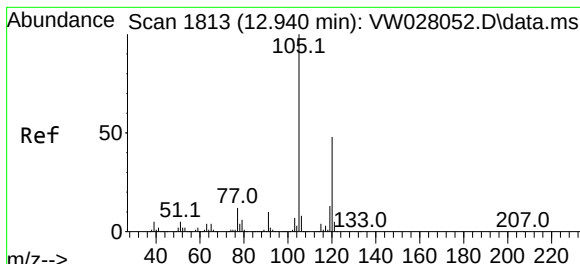
Tgt Ion:105 Resp: 381507
Ion Ratio Lower Upper
105 100
120 27.1 22.2 33.2
77 14.3 11.8 17.6



#61
1,2,3-Trichloropropane
Concen: 25.372 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

Tgt Ion: 75 Resp: 39467
Ion Ratio Lower Upper
75 100
77 32.5 26.5 39.7
110 43.4 35.8 53.8



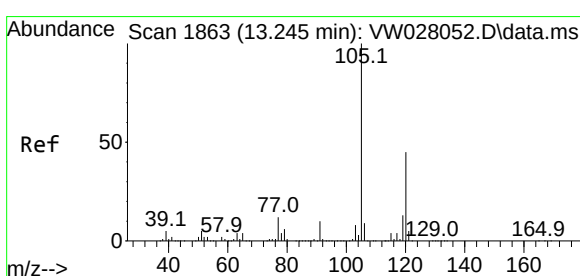
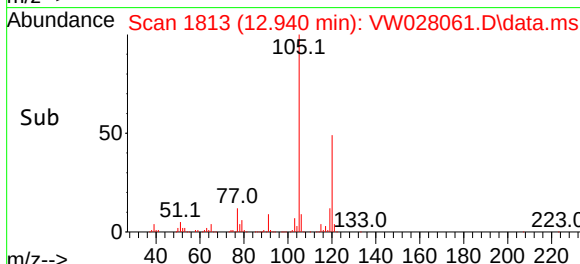
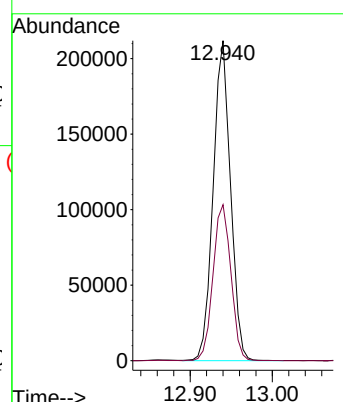
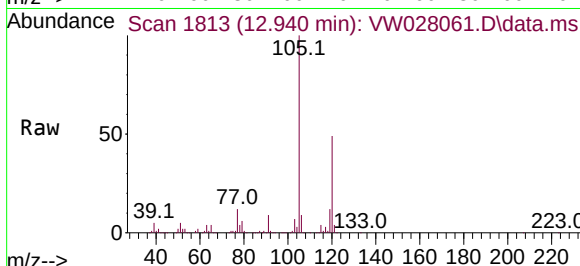


#62
 1,3,5-Trimethylbenzene
 Concen: 26.668 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. -0.000 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion:105 Resp: 310574

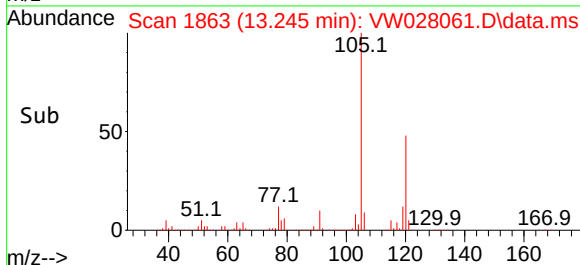
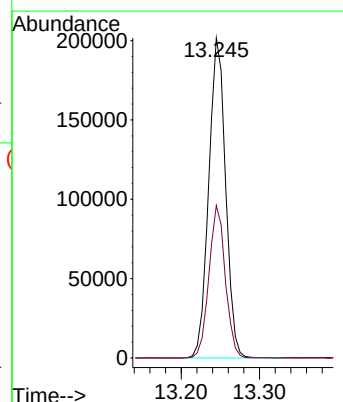
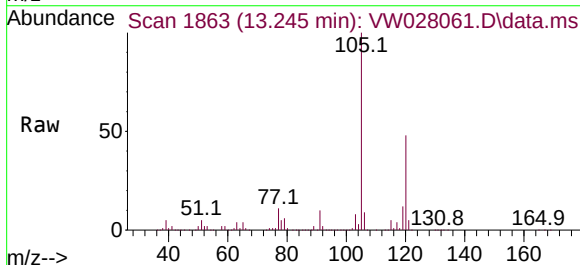
Ion	Ratio	Lower	Upper
105	100		
120	50.2	40.3	60.5

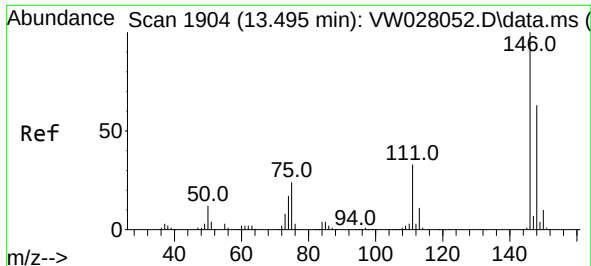


#63
 1,2,4-Trimethylbenzene
 Concen: 26.401 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. -0.000 min
 Lab File: VW028061.D
 Acq: 26 Feb 2024 10:11

Tgt Ion:105 Resp: 300869

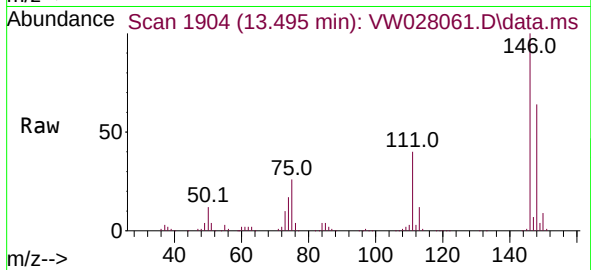
Ion	Ratio	Lower	Upper
105	100		
120	46.2	36.4	54.6



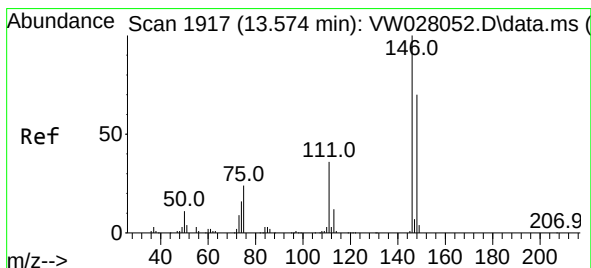
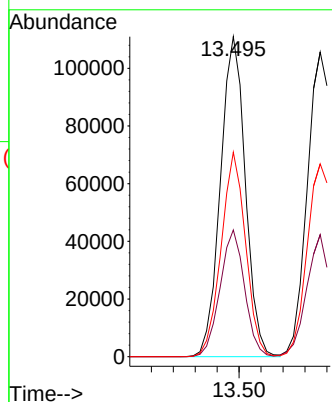
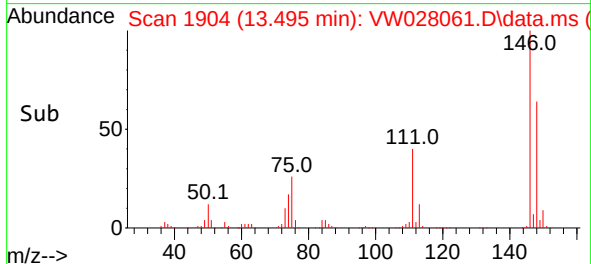


#64
1,3-Dichlorobenzene
Concen: 26.203 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11

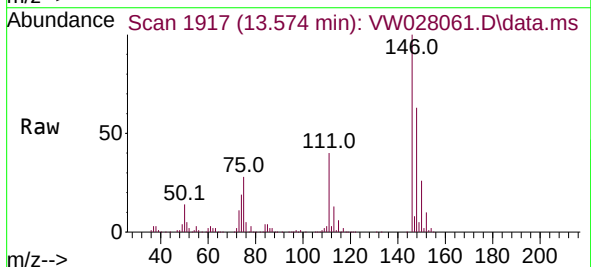
Instrument :
MSVOA_W
ClientSampleId :



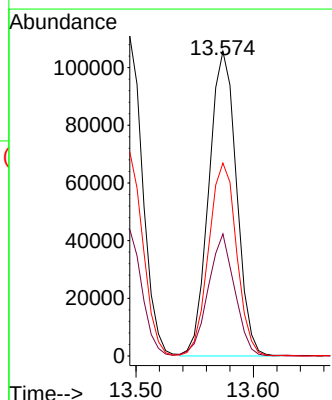
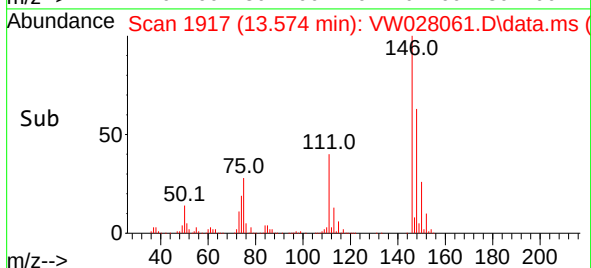
Tgt Ion:146 Resp: 175175
Ion Ratio Lower Upper
146 100
111 39.6 26.9 49.9
148 63.9 41.2 76.6

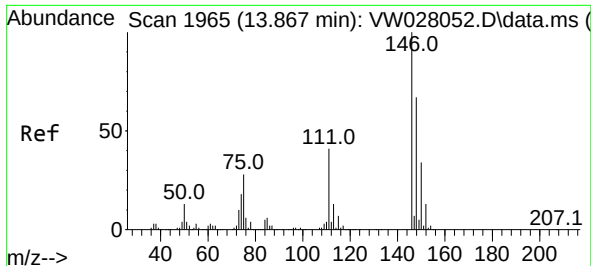


#65
1,4-Dichlorobenzene
Concen: 25.437 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VW028061.D
Acq: 26 Feb 2024 10:11



Tgt Ion:146 Resp: 172906
Ion Ratio Lower Upper
146 100
111 40.1 24.1 44.8
148 63.3 43.6 81.0





#67

1,2-Dichlorobenzene

Concen: 25.747 ug/L

RT: 13.861 min Scan# 1965

Delta R.T. -0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :

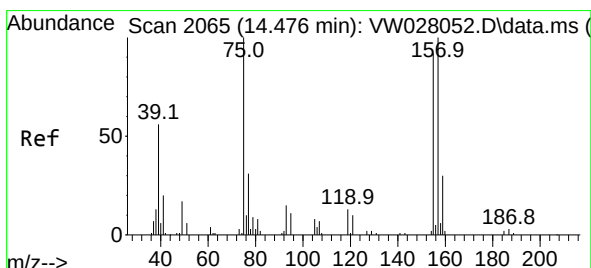
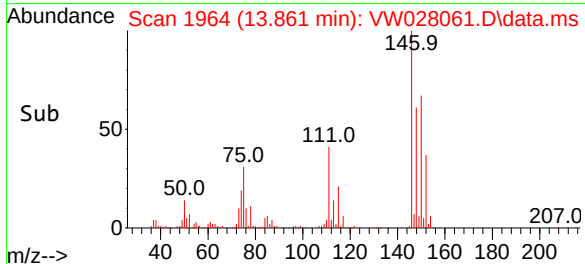
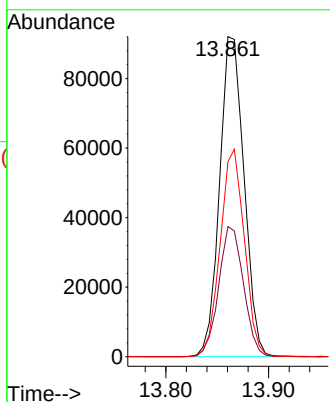
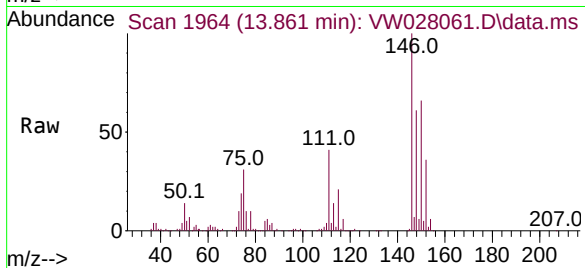
Tgt Ion:146 Resp: 152034

Ion Ratio Lower Upper

146 100

111 40.7 30.6 46.0

148 61.0 48.6 72.8



#68

1,2-Dibromo-3-chloropropane

Concen: 25.813 ug/L

RT: 14.482 min Scan# 2066

Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

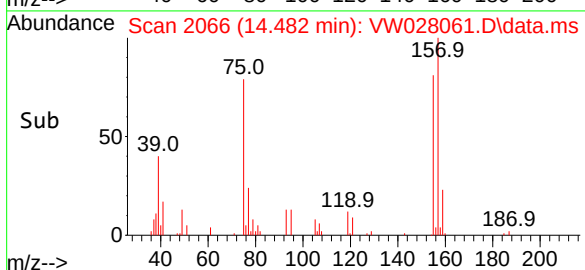
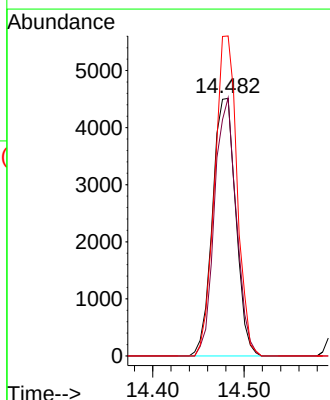
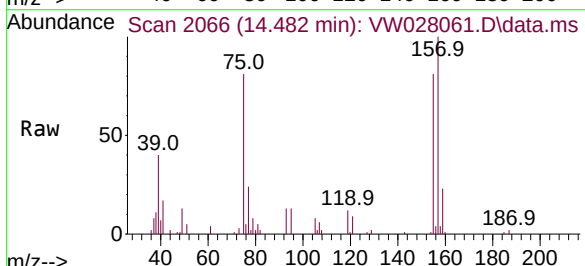
Tgt Ion: 75 Resp: 7972

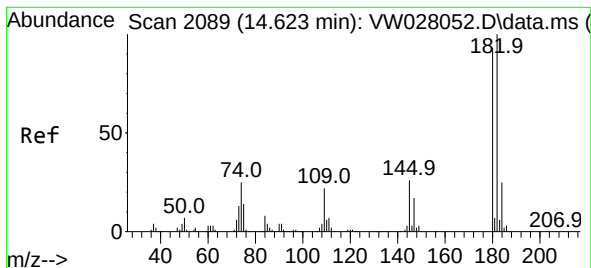
Ion Ratio Lower Upper

75 100

155 100.2 68.7 103.1

157 124.2 96.7 145.1





#69

1,3,5-Trichlorobenzene

Concen: 27.044 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. -0.000 min

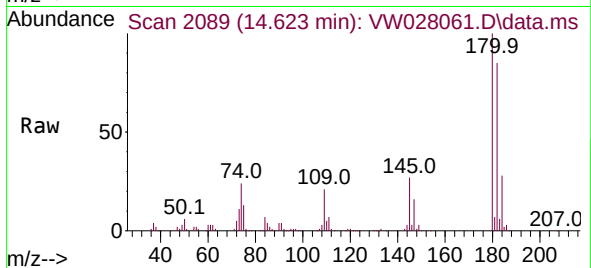
Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 129829

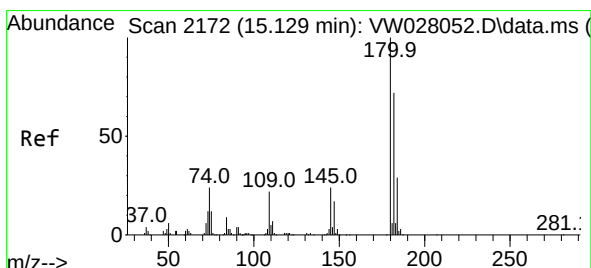
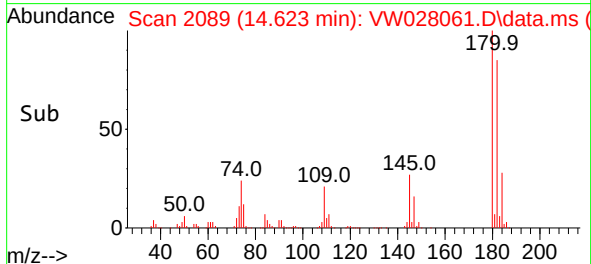
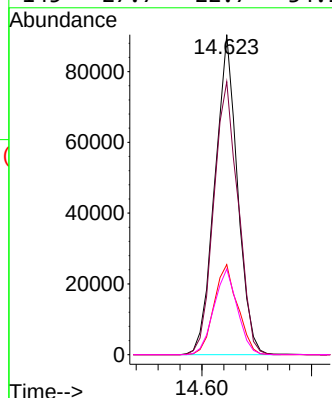
Ion Ratio Lower Upper

180 100

182 91.3 72.1 108.1

184 29.4 24.4 36.6

145 27.7 22.7 34.1



#70

1,2,4-trichlorobenzene

Concen: 26.027 ug/L

RT: 15.122 min Scan# 2171

Delta R.T. -0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

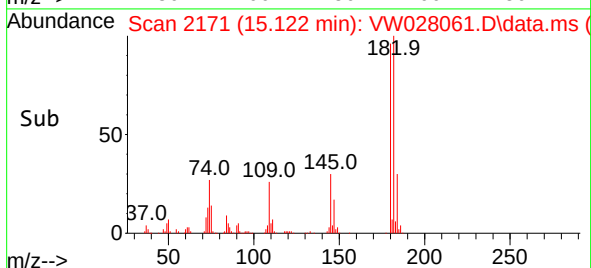
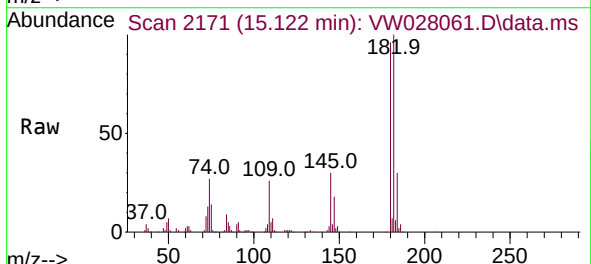
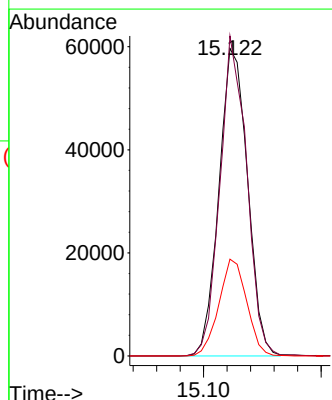
Tgt Ion:180 Resp: 100895

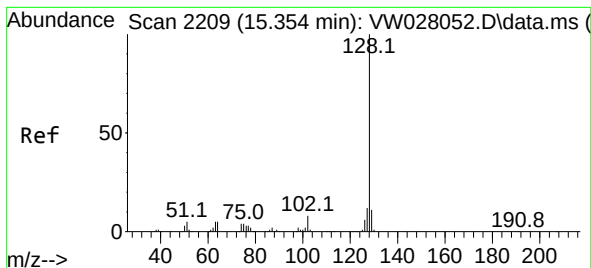
Ion Ratio Lower Upper

180 100

182 97.1 77.0 115.6

145 30.7 23.4 35.0





#71

Naphthalene

Concen: 25.643 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Instrument :

MSVOA_W

ClientSampleId :

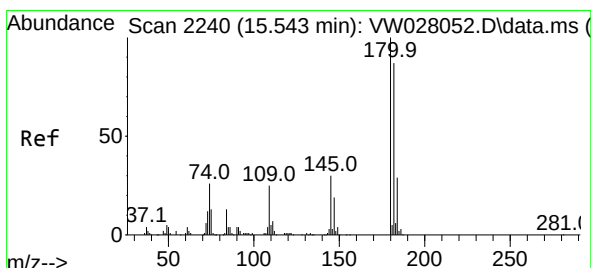
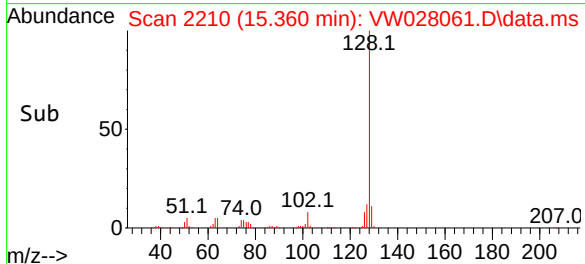
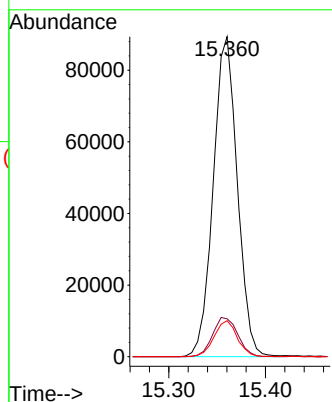
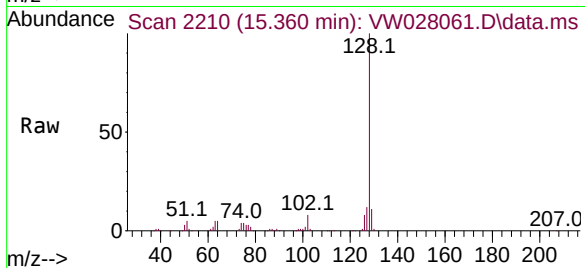
Tgt Ion:128 Resp: 154472

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.4 12.6



#72

1,2,3-Trichlorobenzene

Concen: 26.761 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.006 min

Lab File: VW028061.D

Acq: 26 Feb 2024 10:11

Tgt Ion:180 Resp: 86553

Ion Ratio Lower Upper

180 100

182 96.5 76.5 114.7

145 30.4 25.8 38.8

