

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW060923\
 Data File : VW026169.D
 Acq On : 09 Jun 2023 14:37
 Operator : SY/MD
 Sample : 03078-15MS
 Misc : 5.01g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MS

Quant Time: Jun 09 22:55:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM053023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 09 22:52:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	1186084	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	1002010	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	419219	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	335819	20.126	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.520%
7) Chloroethane-d5	2.893	69	296416	23.731	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.920%
11) 1,1-Dichloroethene-d2	4.021	65	170621	20.738	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.960%
21) 2-Butanone-d5	7.069	46	217339	44.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	89.480%
24) Chloroform-d	7.648	84	761159	21.915	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.640%
26) 1,2-Dichloroethane-d4	8.307	65	402158	21.175	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	84.680%
32) Benzene-d6	8.270	84	1462331	21.689	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	86.760%
36) 1,2-Dichloropropane-d6	9.270	67	468289	21.923	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	87.680%
41) Toluene-d8	10.318	98	1249292	20.893	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.560%
43) trans-1,3-Dichloroprop...	10.575	79	171543	20.266	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	81.080%
47) 2-Hexanone-d5	10.922	63	143205	42.518	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.040%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	327163	21.048	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.200%
66) 1,2-Dichlorobenzene-d4	13.848	152	326577	20.353	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	81.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.015	85	260256	17.899	ug/L	90
3) Chloromethane	2.222	50	399414	21.424	ug/L	96
5) Vinyl chloride	2.369	62	442013	22.180	ug/L	98
6) Bromomethane	2.783	94	239499	22.045	ug/L	97
8) Chloroethane	2.930	64	258937	24.045	ug/L	96
9) Trichlorofluoromethane	3.265	101	331448	25.853	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	331776	20.509	ug/L #	81
12) 1,1-Dichloroethene	4.045	96	325456	21.551	ug/L	84
13) Acetone	4.112	43	231625	61.622	ug/L	97
14) Carbon disulfide	4.387	76	1032183	19.362	ug/L	100
15) Methyl Acetate	4.667	43	156684	18.573	ug/L	100
16) Methylene chloride	4.917	84	345565	18.254	ug/L	99
17) trans-1,2-Dichloroethene	5.423	96	339145	20.016	ug/L	97
18) Methyl tert-butyl Ether	5.423	73	542563	20.318	ug/L	98
19) 1,1-Dichloroethane	6.216	63	715340	20.738	ug/L	100
20) cis-1,2-Dichloroethene	7.167	96	384477	21.423	ug/L	96
22) 2-Butanone	7.167	43	257668	48.055	ug/L	98
23) Bromochloromethane	7.514	128	147905	19.324	ug/L	94
25) Chloroform	7.673	83	668407	20.805	ug/L	97

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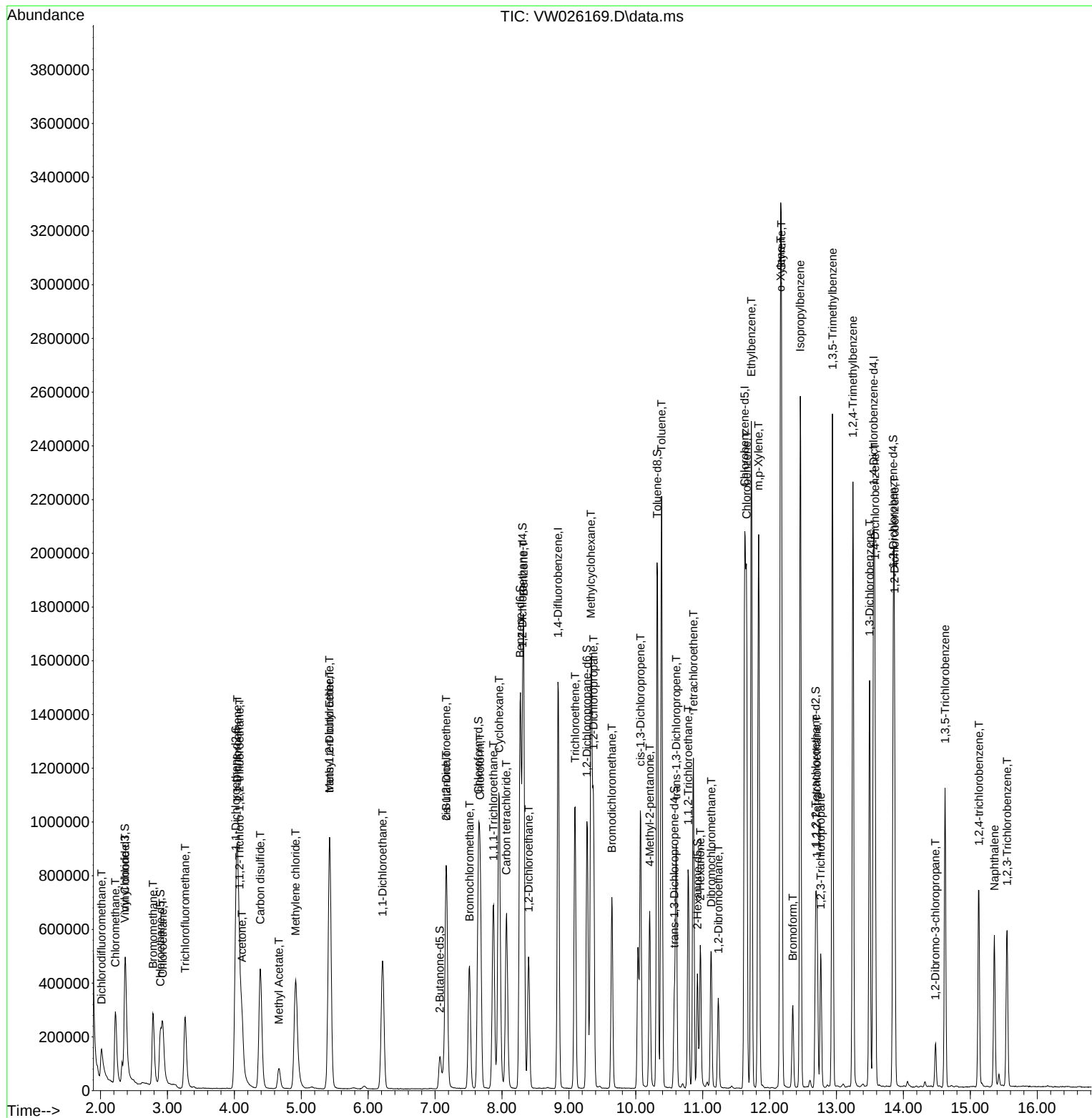
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	446912	20.169	ug/L	98
29) Cyclohexane	7.959	56	664243	21.472	ug/L	100
30) 1,1,1-Trichloroethane	7.874	97	551452	22.678	ug/L	100
31) Carbon tetrachloride	8.063	117	482777	21.757	ug/L	99
33) Benzene	8.325	78	1461854	21.297	ug/L	100
34) Trichloroethene	9.093	95	381703	21.717	ug/L	95
35) Methylcyclohexane	9.331	83	627012	20.160	ug/L	100
37) 1,2-Dichloropropane	9.367	63	391502	21.058	ug/L	100
38) Bromodichloromethane	9.642	83	453107	20.978	ug/L	98
39) cis-1,3-Dichloropropene	10.069	75	577939	21.153	ug/L	98
40) 4-Methyl-2-pentanone	10.209	43	457500	41.739	ug/L	99
42) Toluene	10.386	91	1530126	21.794	ug/L	96
44) trans-1,3-Dichloropropene	10.605	75	472465	20.757	ug/L	99
45) 1,1,2-Trichloroethane	10.782	97	245475	20.034	ug/L	98
46) Tetrachloroethene	10.861	164	250193	20.125	ug/L	96
48) 2-Hexanone	10.965	43	357105	46.206	ug/L	98
49) Dibromochloromethane	11.129	129	258858	20.150	ug/L	97
50) 1,2-Dibromoethane	11.233	107	222260	19.590	ug/L	97
51) Chlorobenzene	11.654	112	879079	19.982	ug/L	98
52) Ethylbenzene	11.727	91	1690777	21.349	ug/L	97
53) m,p-Xylene	11.836	106	615746	20.899	ug/L	99
54) o-Xylene	12.166	106	583074	20.968	ug/L	96
55) Styrene	12.178	104	950957	19.933	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.708	83	280133	18.891	ug/L	95
59) Bromoform	12.349	173	130924	20.793	ug/L	99
60) Isopropylbenzene	12.458	105	1609950	24.446	ug/L	99
61) 1,2,3-Trichloropropane	12.763	75	205569	21.891	ug/L	100
62) 1,3,5-Trimethylbenzene	12.940	105	1268084	24.222	ug/L	99
63) 1,2,4-Trimethylbenzene	13.245	105	1145854	23.897	ug/L	100
64) 1,3-Dichlorobenzene	13.495	146	551473	19.916	ug/L	98
65) 1,4-Dichlorobenzene	13.574	146	566753	20.330	ug/L	97
67) 1,2-Dichlorobenzene	13.867	146	484270	19.476	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.476	75	43359	19.929	ug/L	88
69) 1,3,5-Trichlorobenzene	14.623	180	297568	15.644	ug/L	98
70) 1,2,4-trichlorobenzene	15.129	180	204452	13.026	ug/L	99
71) Naphthalene	15.360	128	443455	15.853	ug/L	100
72) 1,2,3-Trichlorobenzene	15.549	180	177953	12.973	ug/L	99

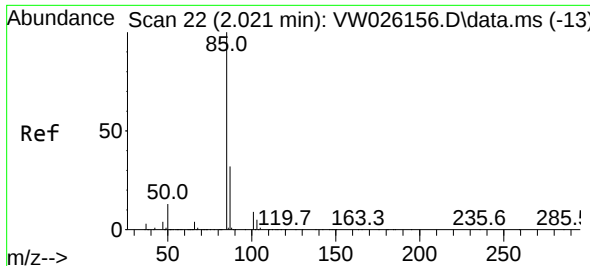
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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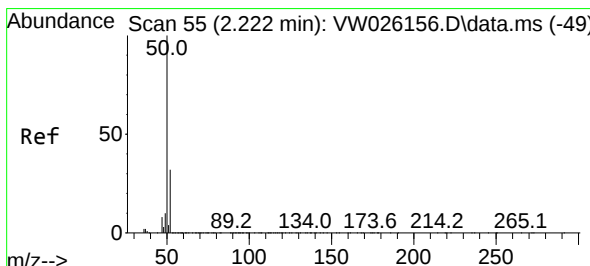
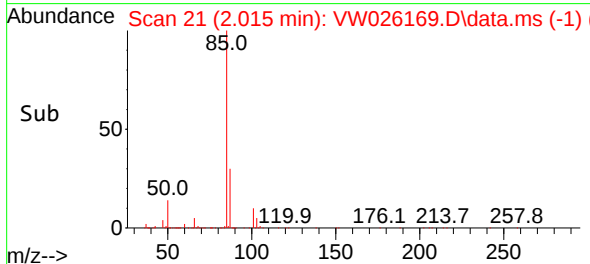
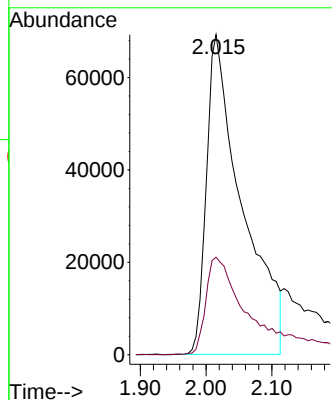
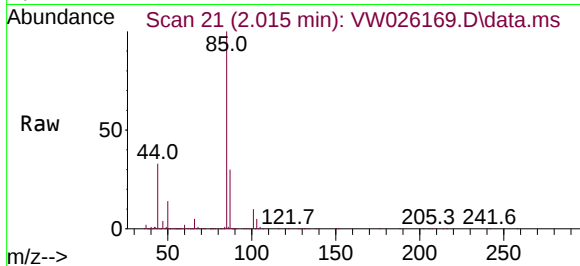




#2
Dichlorodifluoromethane
Concen: 17.899 ug/L
RT: 2.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

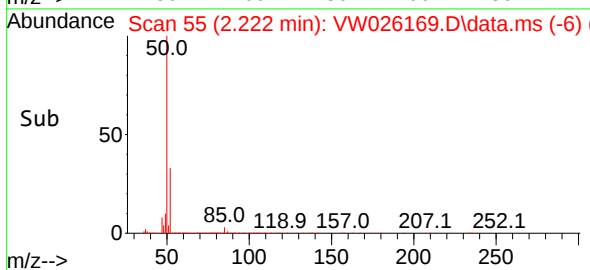
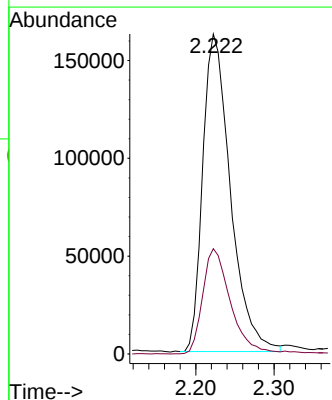
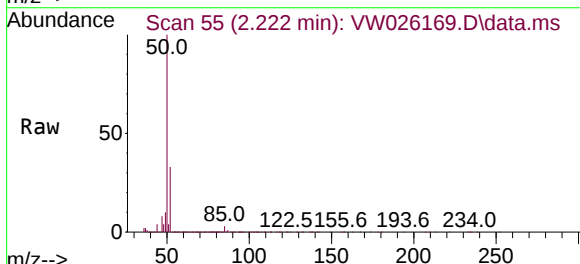
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

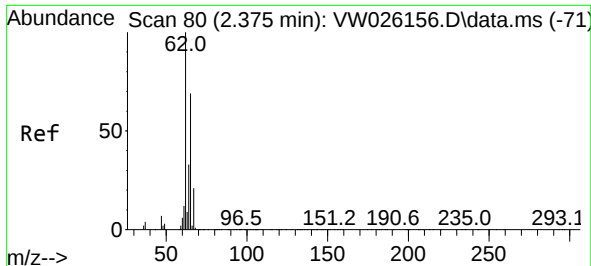
Tgt Ion: 85 Resp: 260256
Ion Ratio Lower Upper
85 100
87 32.9 22.2 33.2



#3
Chloromethane
Concen: 21.424 ug/L
RT: 2.222 min Scan# 55
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 50 Resp: 399414
Ion Ratio Lower Upper
50 100
52 32.9 21.3 39.6

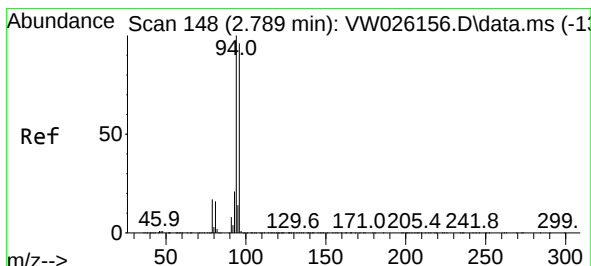
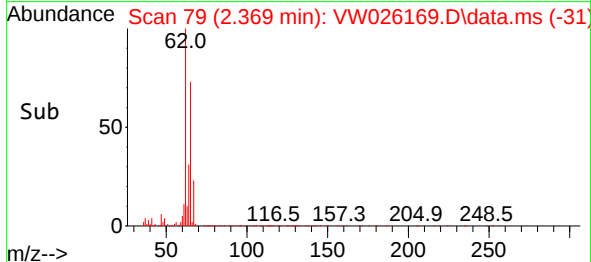
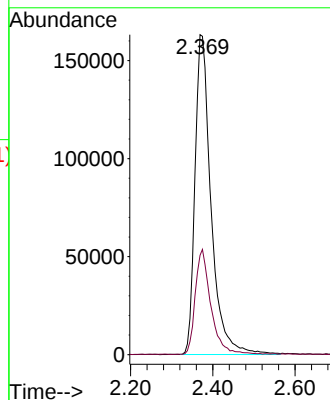
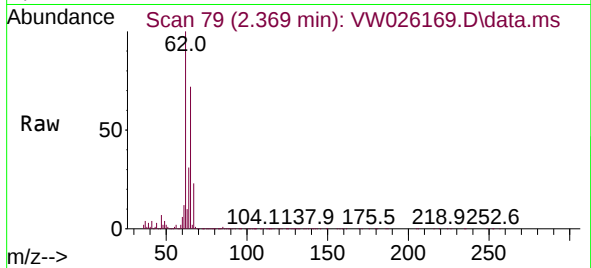




#5
 Vinyl chloride
 Concen: 22.180 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. -0.006 min
 Lab File: VW026169.D
 Acq: 09 Jun 2023 14:37

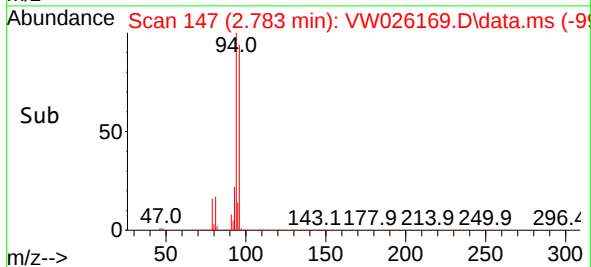
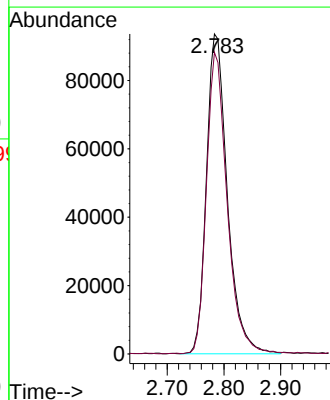
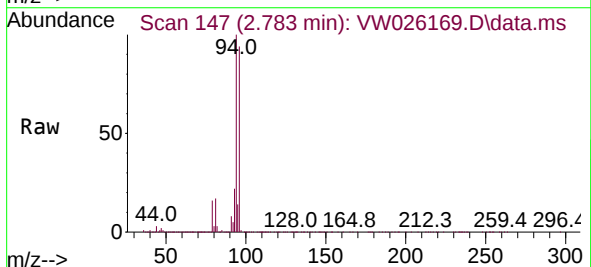
Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MS

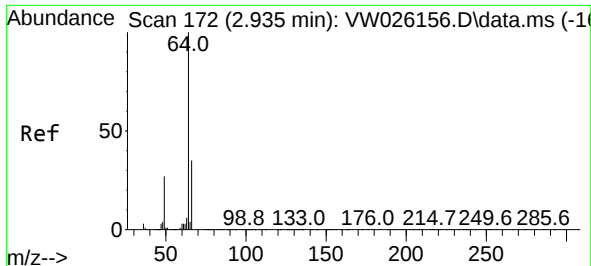
Tgt Ion: 62 Resp: 442013
 Ion Ratio Lower Upper
 62 100
 64 31.1 22.7 42.1



#6
 Bromomethane
 Concen: 22.045 ug/L
 RT: 2.783 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VW026169.D
 Acq: 09 Jun 2023 14:37

Tgt Ion: 94 Resp: 239499
 Ion Ratio Lower Upper
 94 100
 96 94.3 64.2 119.2

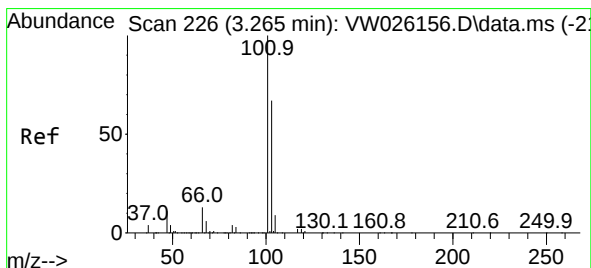
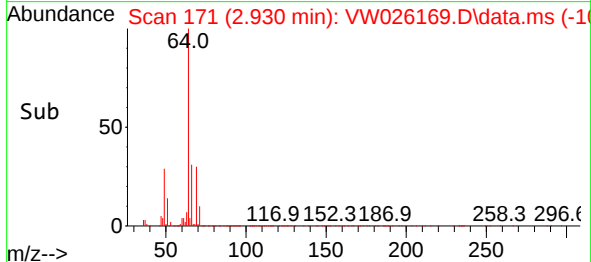
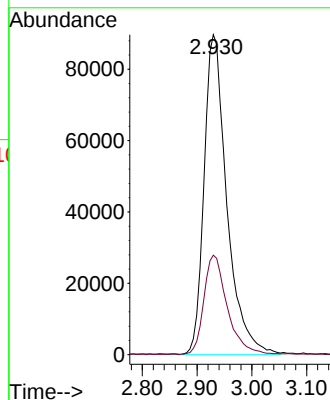
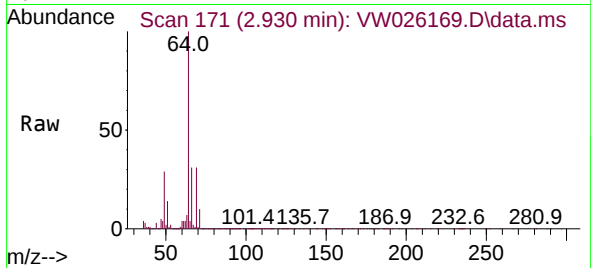




#8
Chloroethane
Concen: 24.045 ug/L
RT: 2.930 min Scan# 172
Delta R.T. -0.006 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

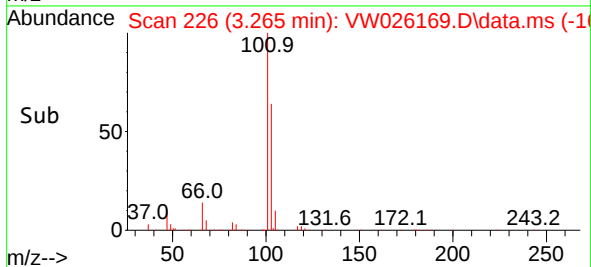
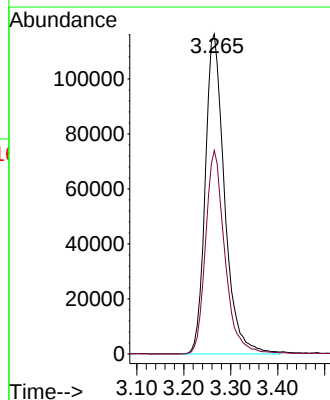
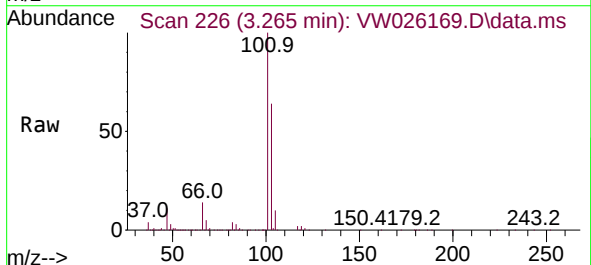
Instrument :
MSVOA_W
ClientSampleId :
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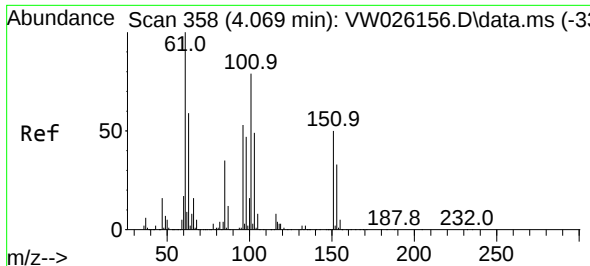
Tgt Ion: 64 Resp: 258937
Ion Ratio Lower Upper
64 100
66 31.1 23.2 43.2



#9
Trichlorofluoromethane
Concen: 25.853 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 101 Resp: 331448
Ion Ratio Lower Upper
101 100
103 63.3 51.6 77.4





#10

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

Concen: 20.509 ug/L

RT: 4.076 min Scan# 358

Delta R.T. 0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

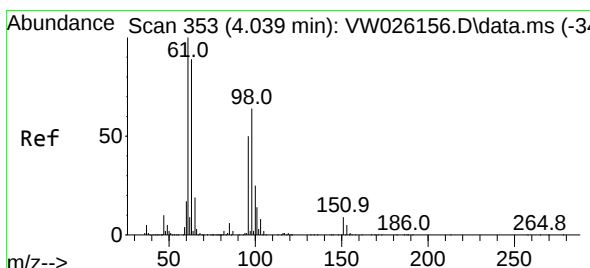
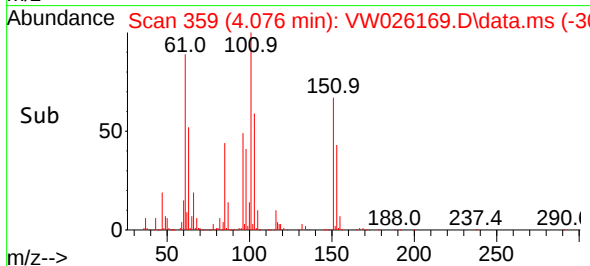
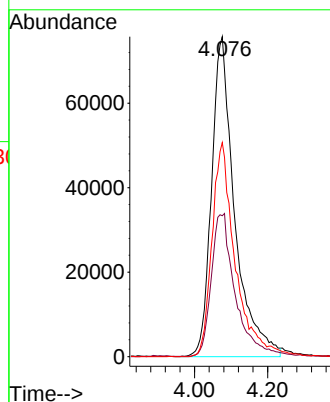
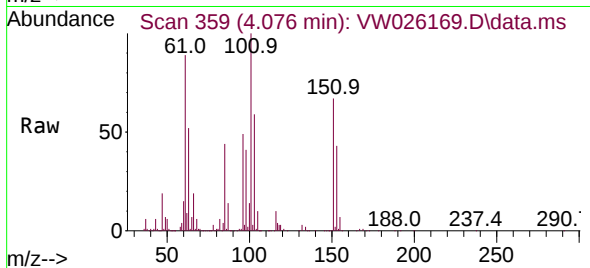
Tgt Ion:101 Resp: 331776

Ion Ratio Lower Upper

101 100

85 22.3 36.1 54.1#

151 61.3 55.1 82.7



#12

1,1-Dichloroethene

Concen: 21.551 ug/L

RT: 4.045 min Scan# 354

Delta R.T. 0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

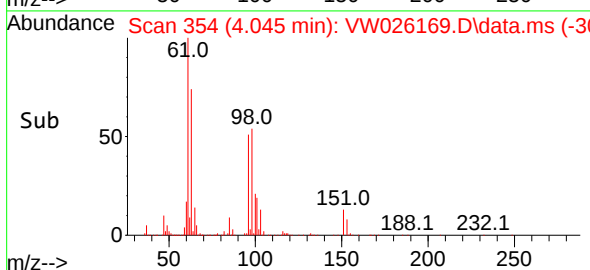
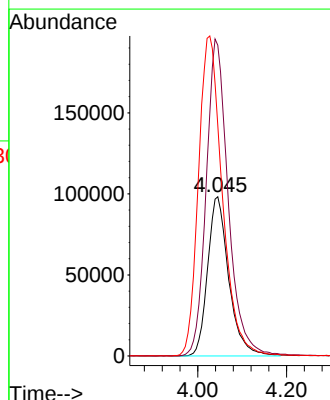
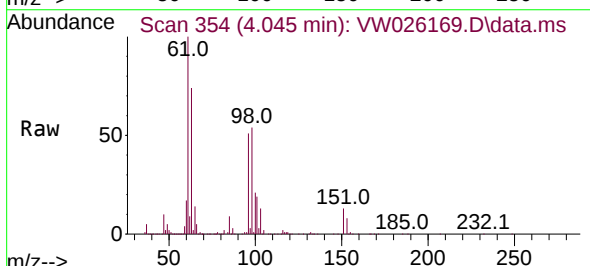
Tgt Ion: 96 Resp: 325456

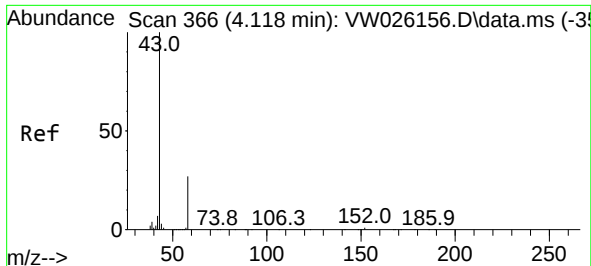
Ion Ratio Lower Upper

96 100

61 195.2 140.6 261.0

63 144.9 131.7 244.5





#13

Acetone

Concen: 61.622 ug/L

RT: 4.112 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW026169.D

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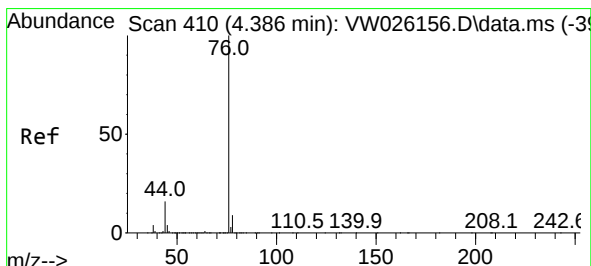
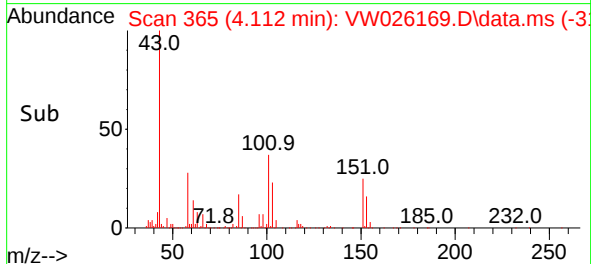
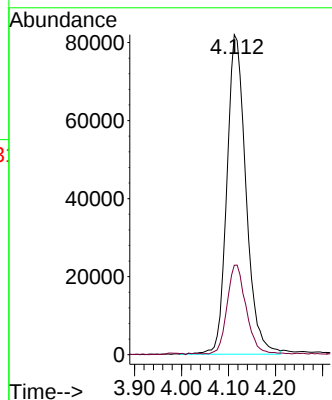
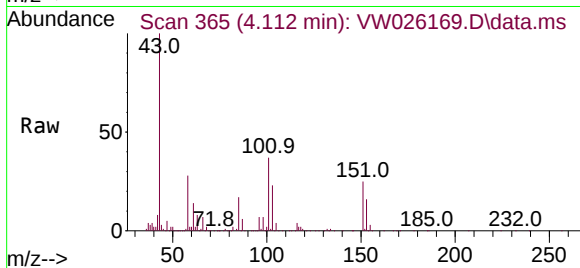
ESQY0MS

Tgt Ion: 43 Resp: 231625

Ion Ratio Lower Upper

43 100

58 27.6 0.0 58.2



#14

Carbon disulfide

Concen: 19.362 ug/L

RT: 4.387 min Scan# 410

Delta R.T. 0.000 min

Lab File: VW026169.D

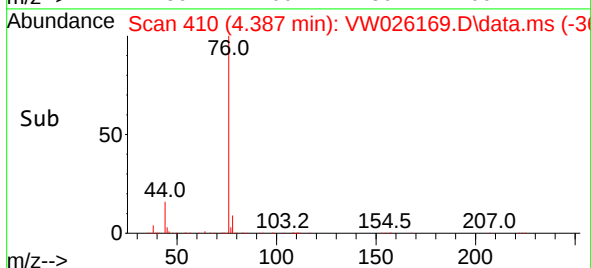
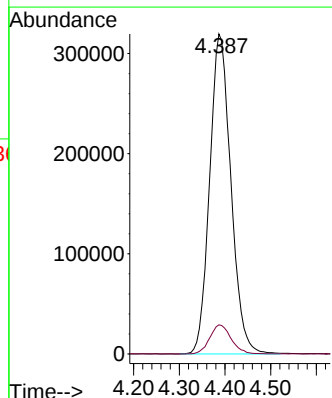
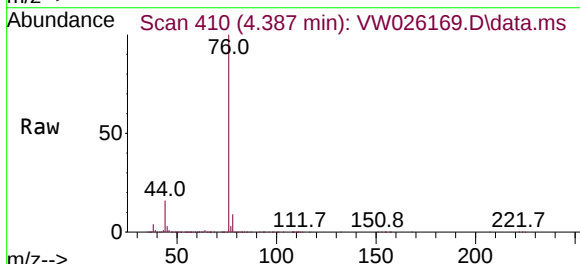
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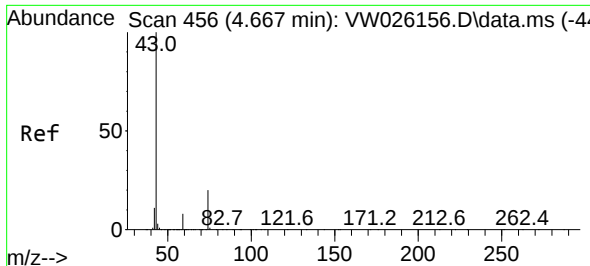
Tgt Ion: 76 Resp: 1032183

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8

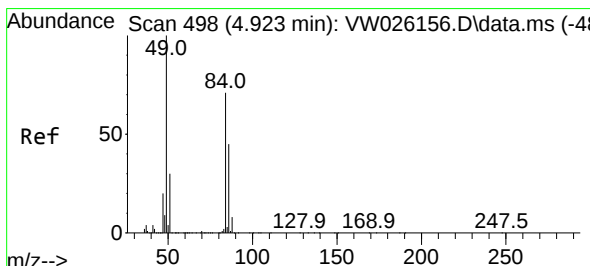
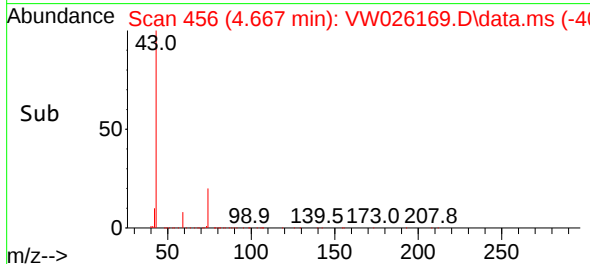
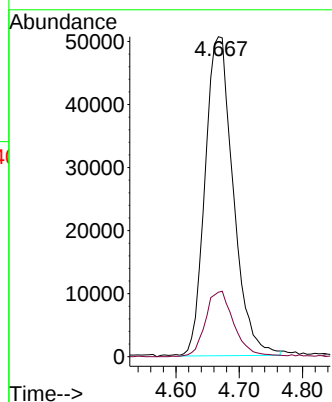
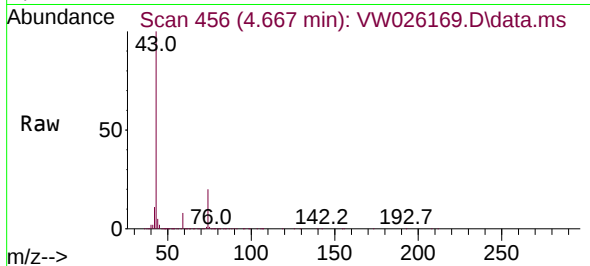




#15
Methyl Acetate
Concen: 18.573 ug/L
RT: 4.667 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

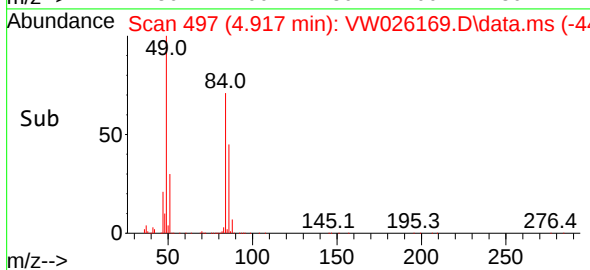
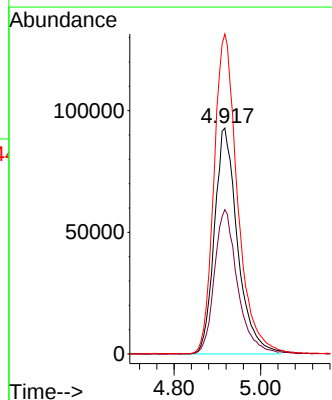
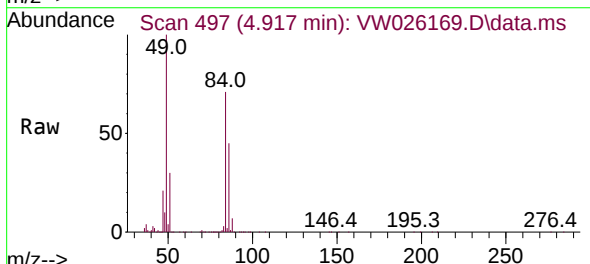
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

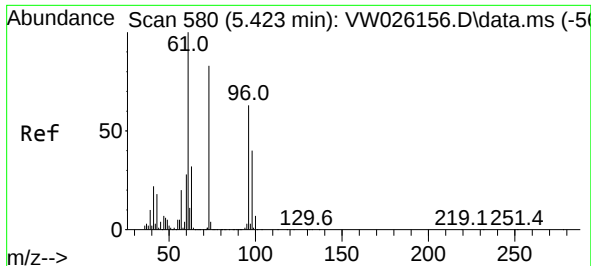
Tgt Ion: 43 Resp: 156684
Ion Ratio Lower Upper
43 100
74 20.7 16.6 25.0



#16
Methylene chloride
Concen: 18.254 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 84 Resp: 345565
Ion Ratio Lower Upper
84 100
86 63.9 44.2 82.0
49 141.6 98.8 183.6

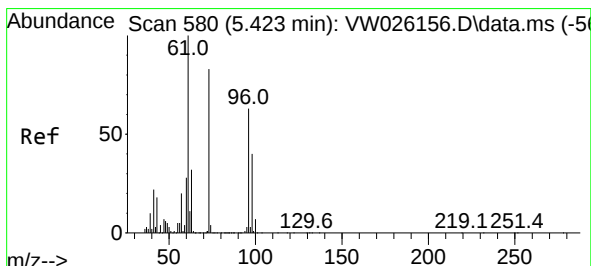
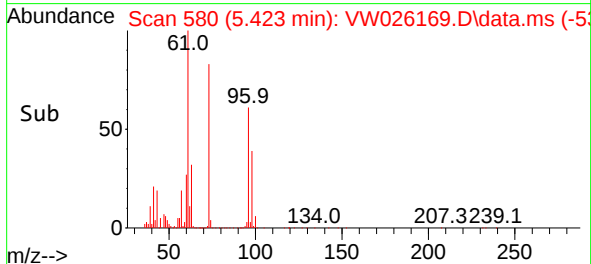
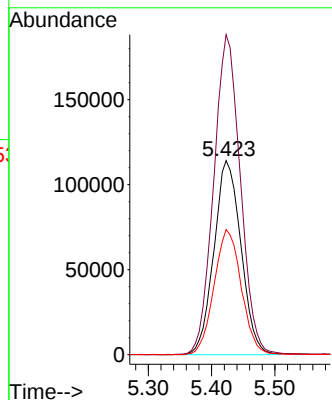
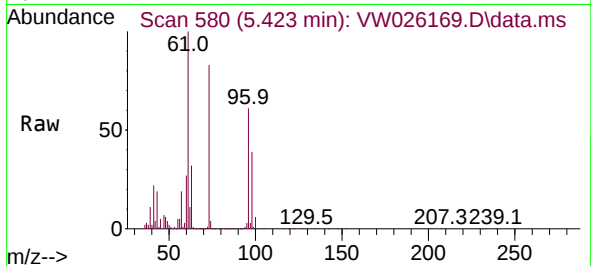




#17
trans-1,2-Dichloroethene
Concen: 20.016 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

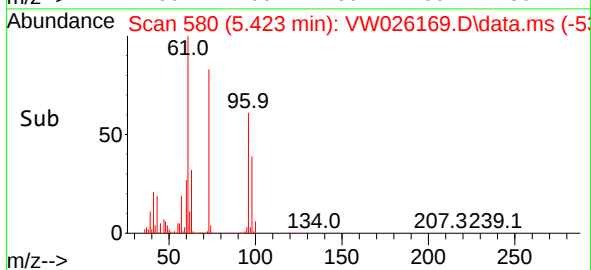
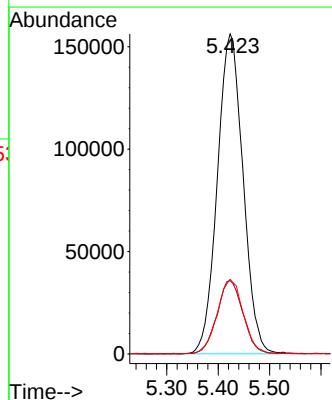
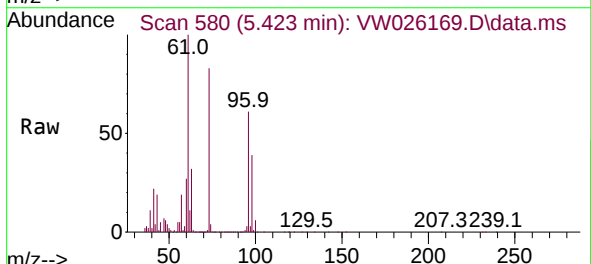
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

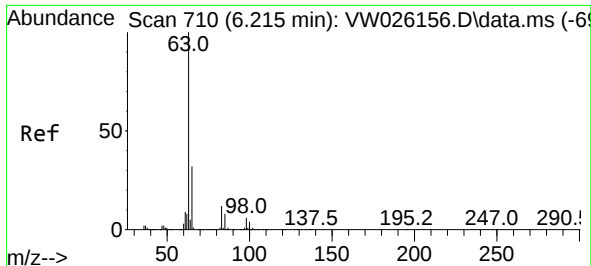
Tgt Ion: 96 Resp: 339145
Ion Ratio Lower Upper
96 100
61 164.8 113.0 209.8
98 64.5 42.5 78.9



#18
Methyl tert-butyl Ether
Concen: 20.318 ug/L
RT: 5.423 min Scan# 580
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 73 Resp: 542563
Ion Ratio Lower Upper
73 100
43 23.5 17.8 26.6
57 23.4 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.738 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

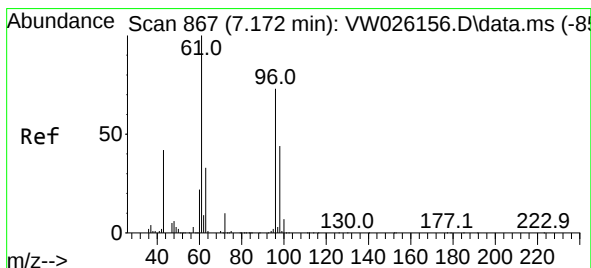
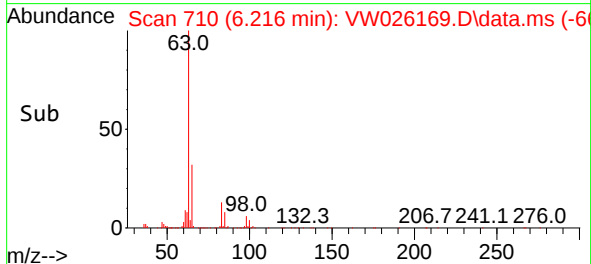
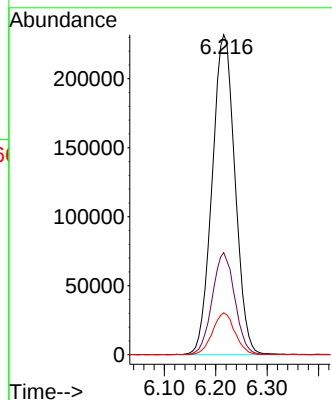
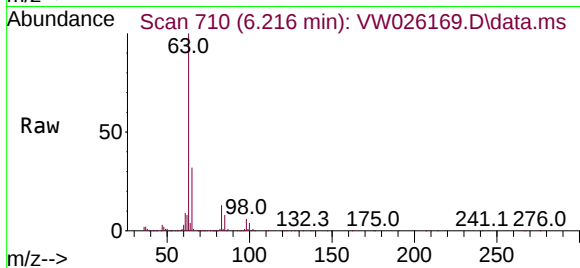
Tgt Ion: 63 Resp: 715340

Ion Ratio Lower Upper

63 100

65 31.9 22.3 41.5

83 13.1 9.1 16.9



#20

cis-1,2-Dichloroethene

Concen: 21.423 ug/L

RT: 7.167 min Scan# 866

Delta R.T. -0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

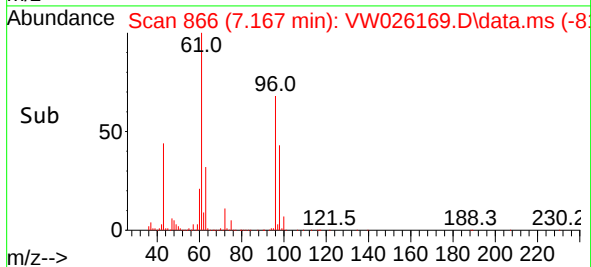
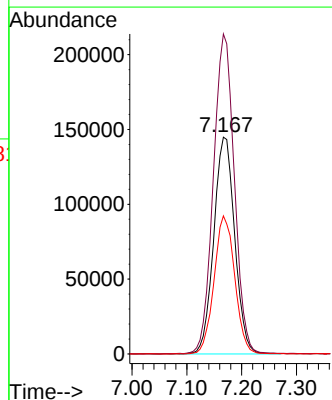
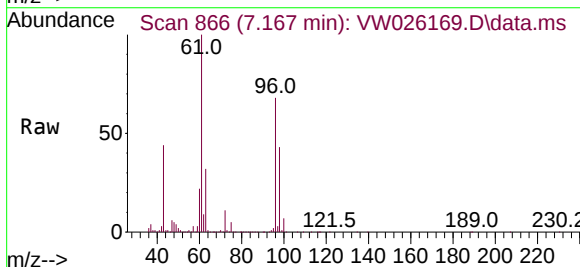
Tgt Ion: 96 Resp: 384477

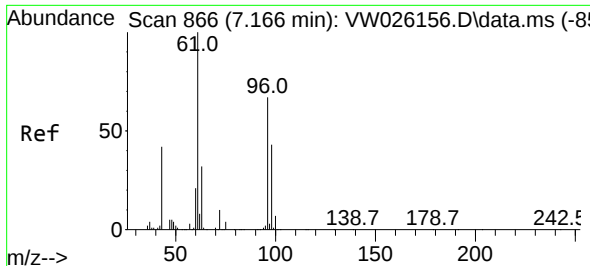
Ion Ratio Lower Upper

96 100

61 147.6 98.4 182.8

98 63.7 45.2 84.0

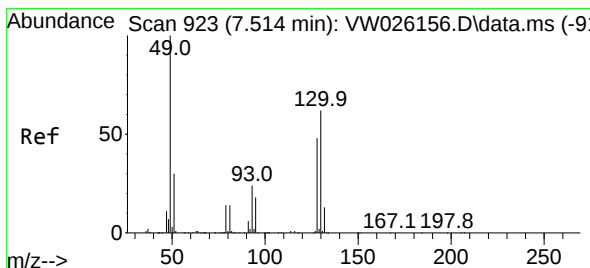
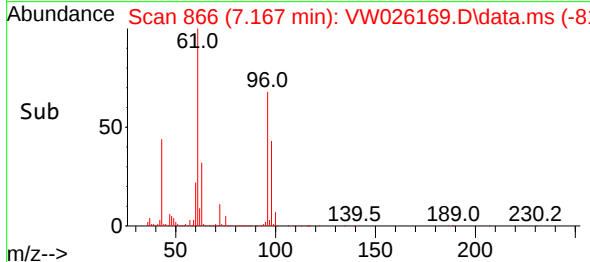
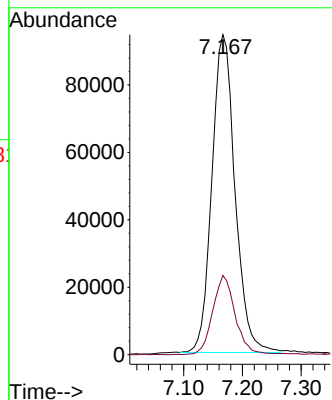
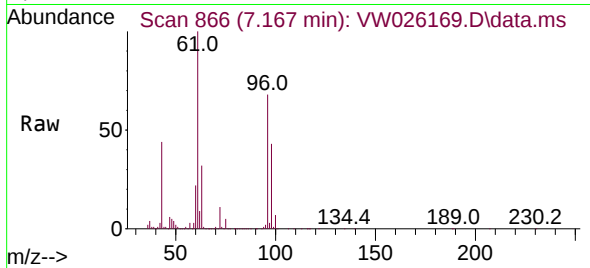




#22
2-Butanone
Concen: 48.055 ug/L
RT: 7.167 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

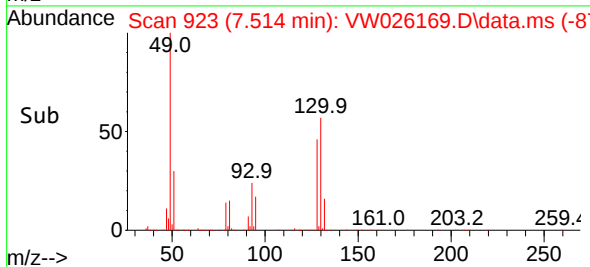
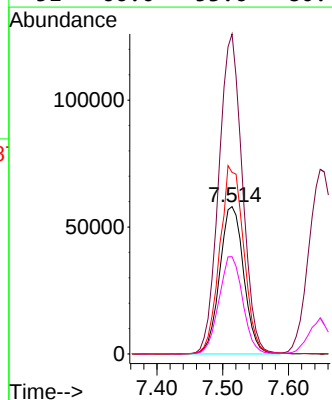
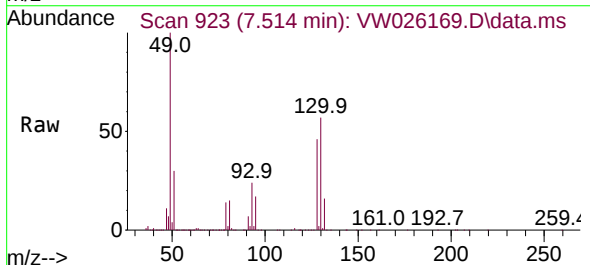
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

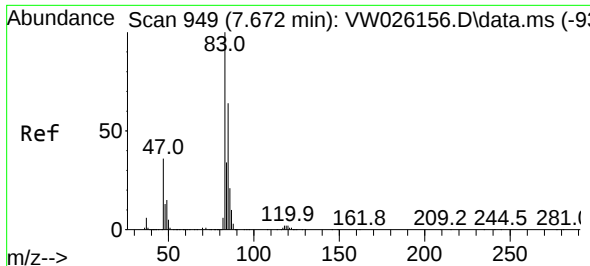
Tgt Ion: 43 Resp: 257668
Ion Ratio Lower Upper
43 100
72 24.1 12.4 37.4



#23
Bromochloromethane
Concen: 19.324 ug/L
RT: 7.514 min Scan# 923
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 128 Resp: 147905
Ion Ratio Lower Upper
128 100
49 217.1 140.6 261.0
130 123.2 86.0 159.6
51 66.0 53.6 80.4

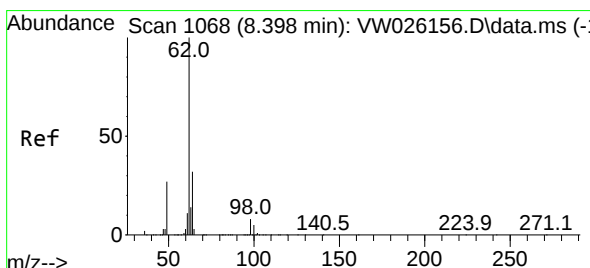
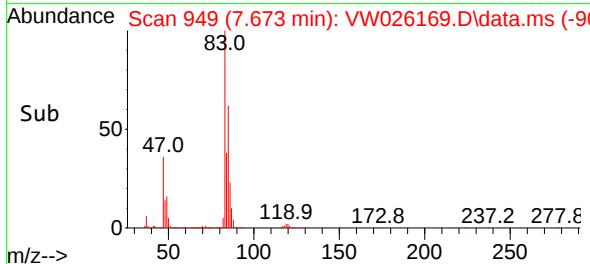
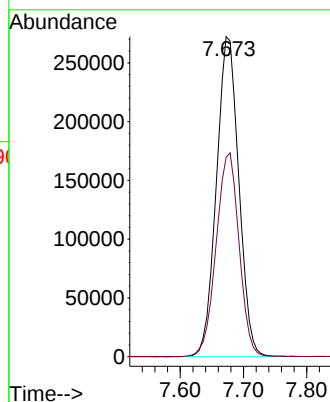
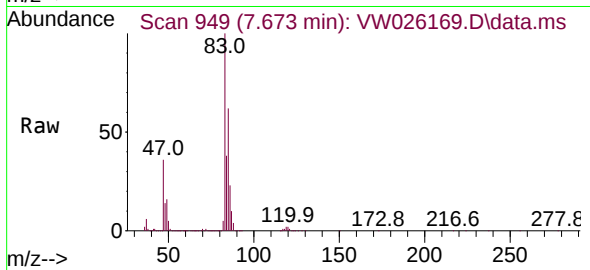




#25
Chloroform
Concen: 20.805 ug/L
RT: 7.673 min Scan# 949
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

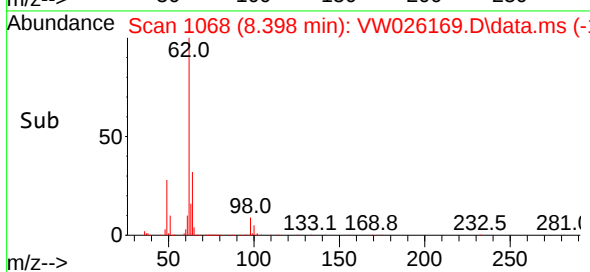
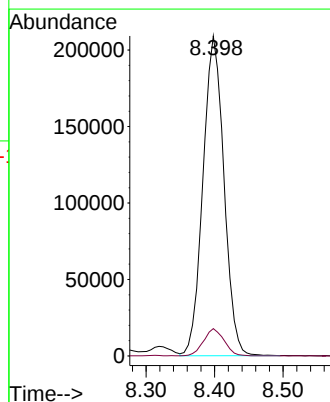
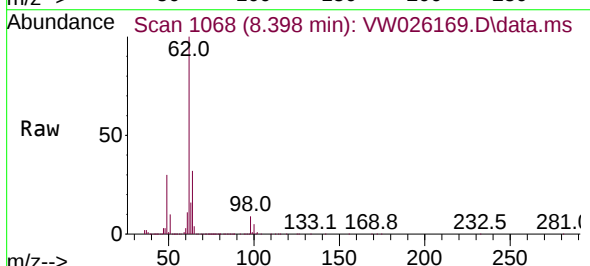
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

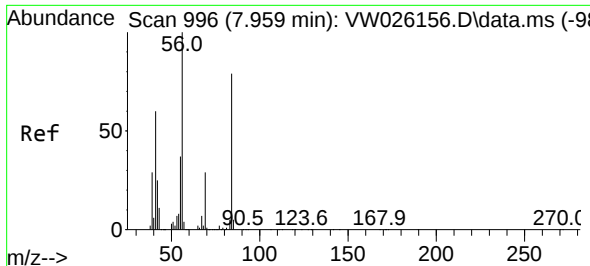
Tgt Ion: 83 Resp: 668407
Ion Ratio Lower Upper
83 100
85 62.2 45.1 83.7



#27
1,2-Dichloroethane
Concen: 20.169 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 62 Resp: 446912
Ion Ratio Lower Upper
62 100
98 8.6 7.4 11.2

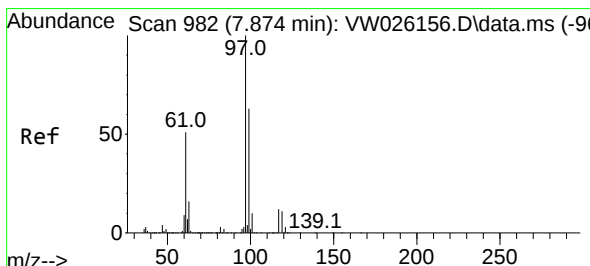
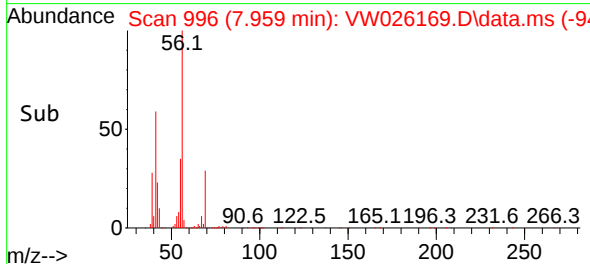
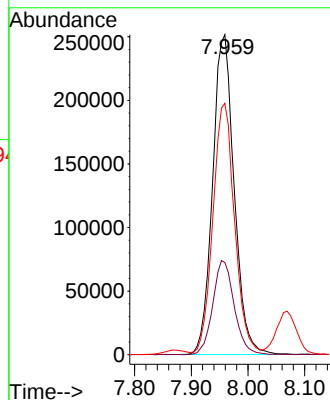
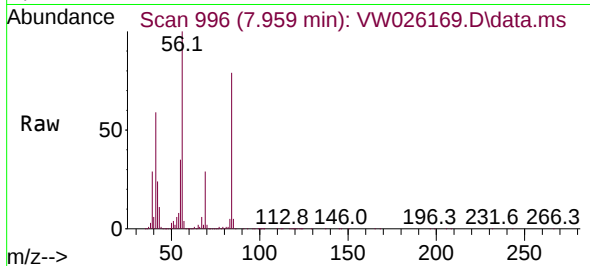




#29
Cyclohexane
Concen: 21.472 ug/L
RT: 7.959 min Scan# 996
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

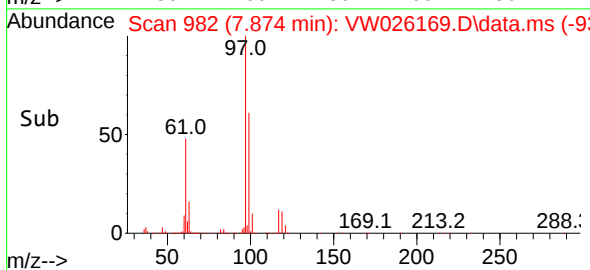
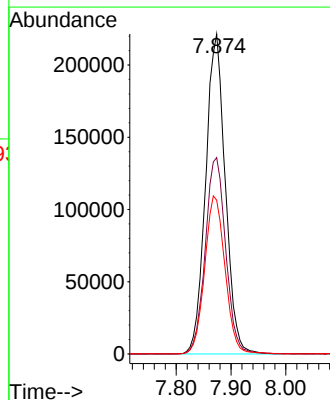
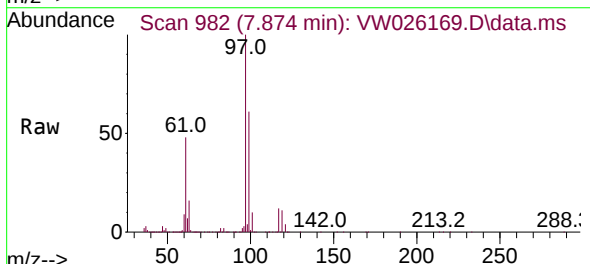
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

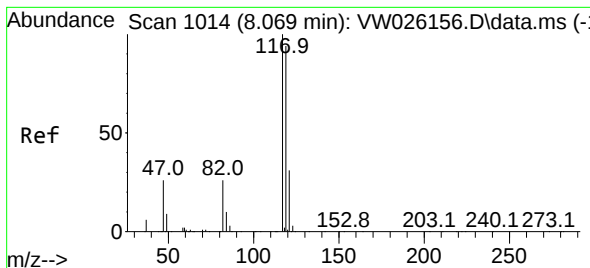
Tgt Ion: 56 Resp: 664243
Ion Ratio Lower Upper
56 100
69 29.3 23.3 34.9
84 79.3 63.0 94.6



#30
1,1,1-Trichloroethane
Concen: 22.678 ug/L
RT: 7.874 min Scan# 982
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 97 Resp: 551452
Ion Ratio Lower Upper
97 100
99 63.8 50.6 76.0
61 50.8 40.5 60.7





#31

Carbon tetrachloride

Concen: 21.757 ug/L

RT: 8.063 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

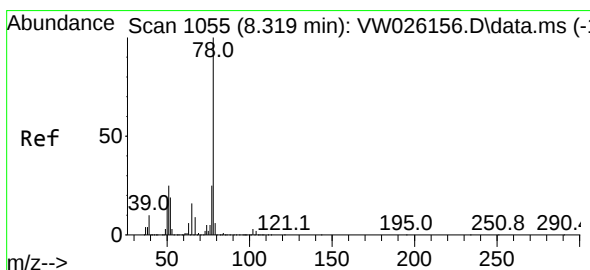
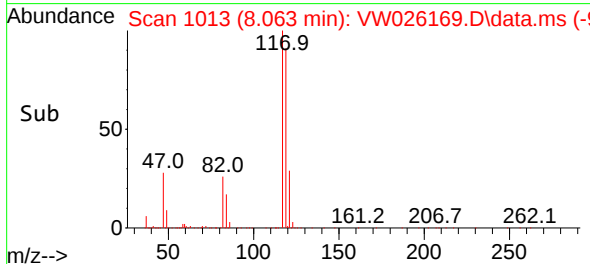
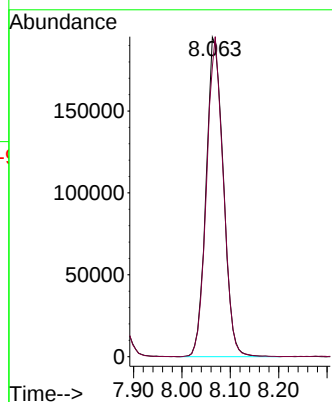
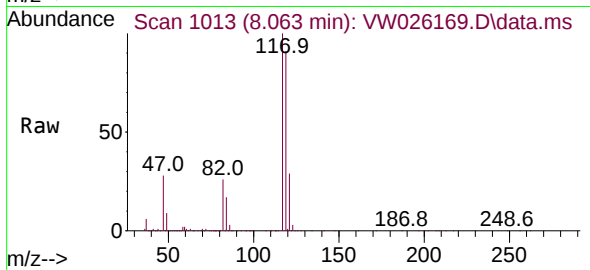
ESQY0MS

Tgt Ion:117 Resp: 482777

Ion Ratio Lower Upper

117 100

119 97.3 77.4 116.2



#33

Benzene

Concen: 21.297 ug/L

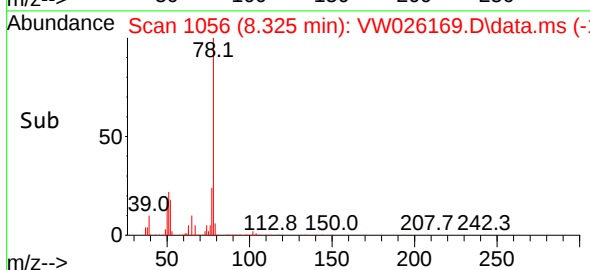
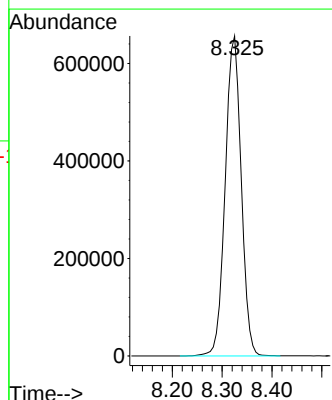
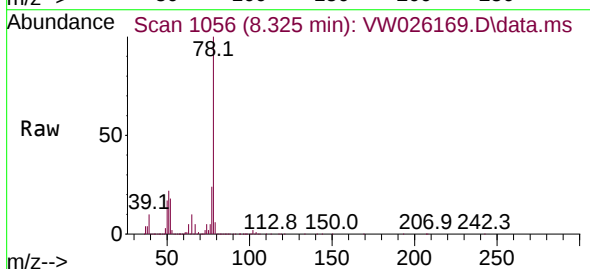
RT: 8.325 min Scan# 1056

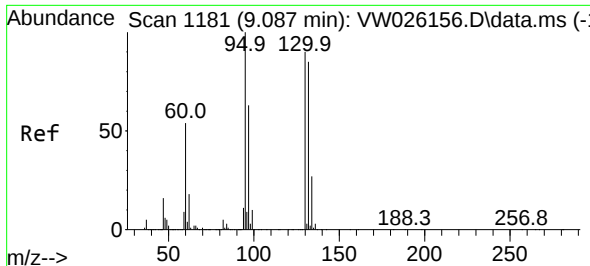
Delta R.T. 0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Tgt Ion: 78 Resp: 1461854





#34

Trichloroethene

Concen: 21.717 ug/L

RT: 9.093 min Scan# 1181

Delta R.T. 0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

Tgt Ion: 95 Resp: 381703

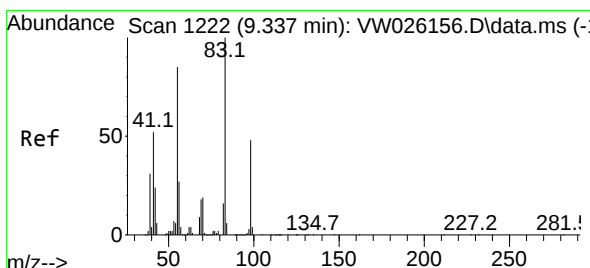
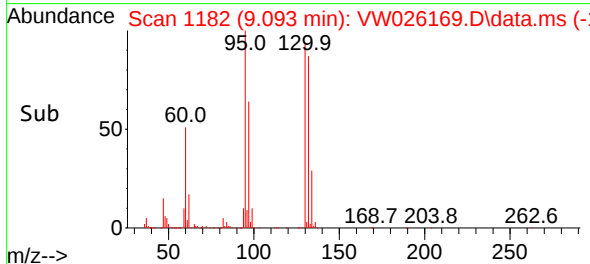
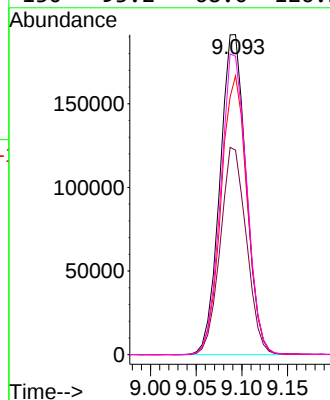
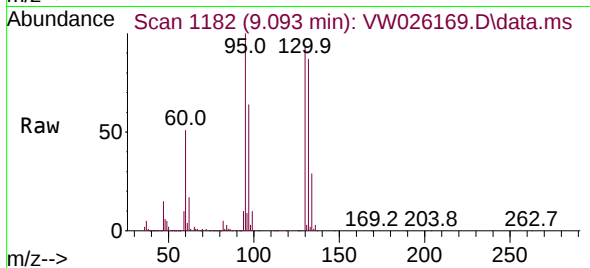
Ion Ratio Lower Upper

95 100

97 63.9 45.9 85.3

132 87.2 67.1 124.7

130 93.2 68.0 126.2



#35

Methylcyclohexane

Concen: 20.160 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

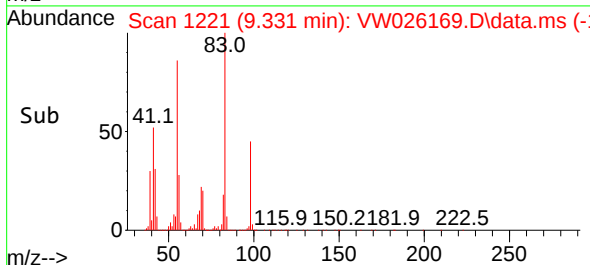
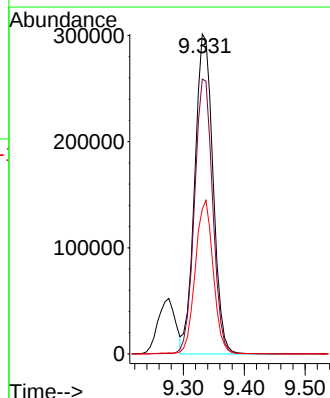
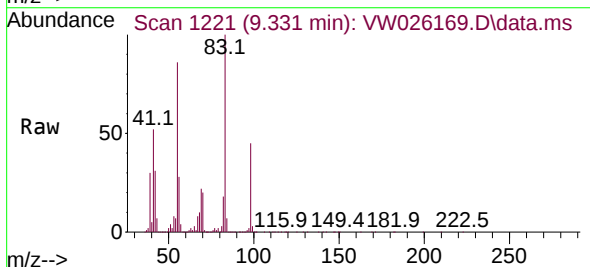
Tgt Ion: 83 Resp: 627012

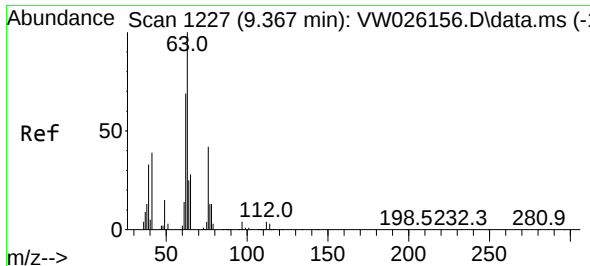
Ion Ratio Lower Upper

83 100

55 85.2 68.2 102.4

98 47.1 38.1 57.1

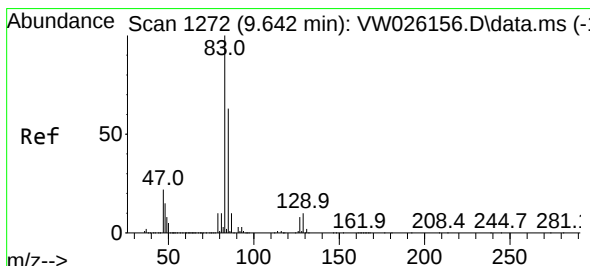
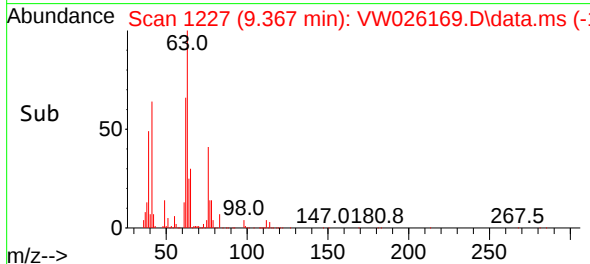
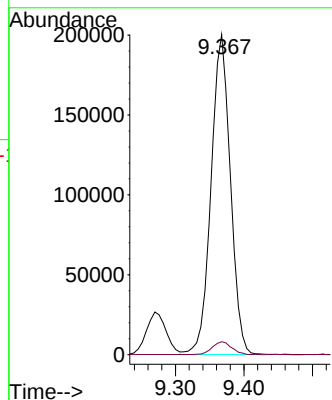
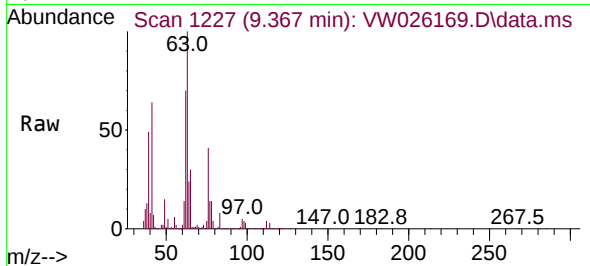




#37
1,2-Dichloropropane
Concen: 21.058 ug/L
RT: 9.367 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

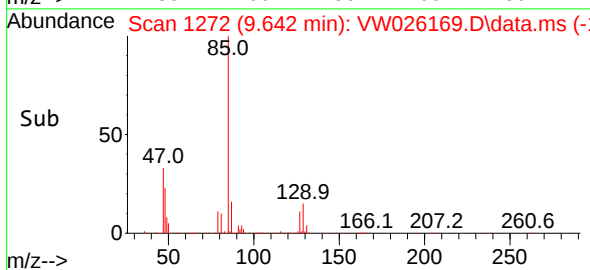
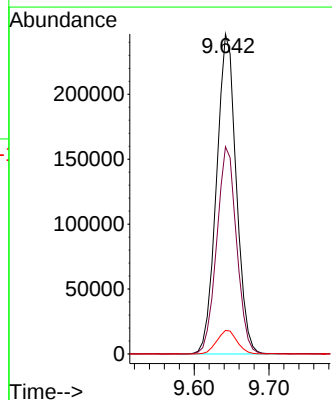
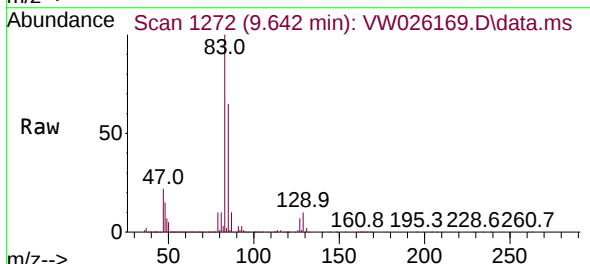
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

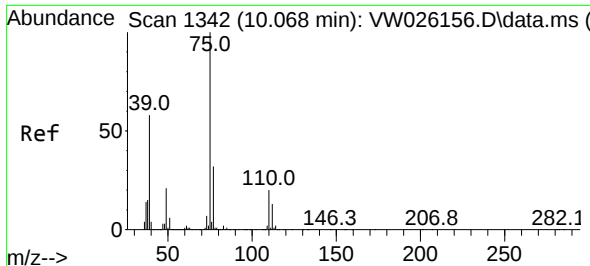
Tgt Ion: 63 Resp: 391502
Ion Ratio Lower Upper
63 100
112 4.1 3.3 4.9



#38
Bromodichloromethane
Concen: 20.978 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 83 Resp: 453107
Ion Ratio Lower Upper
83 100
85 64.7 44.2 82.0
127 7.3 6.2 9.2





#39

cis-1,3-Dichloropropene

Concen: 21.153 ug/L

RT: 10.069 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

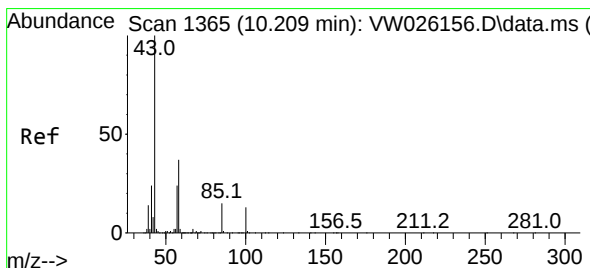
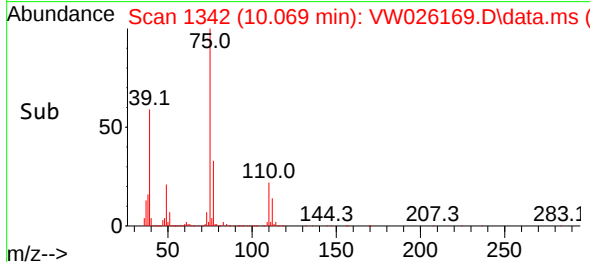
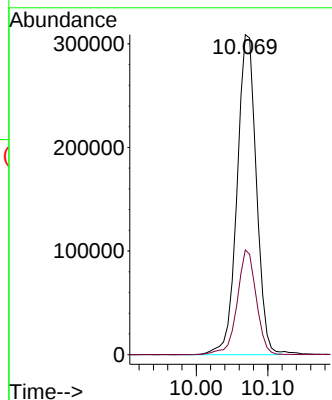
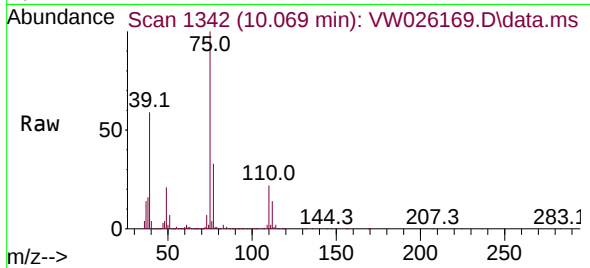
ESQY0MS

Tgt Ion: 75 Resp: 577939

Ion Ratio Lower Upper

75 100

77 32.7 22.0 40.8



#40

4-Methyl-2-pentanone

Concen: 41.739 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

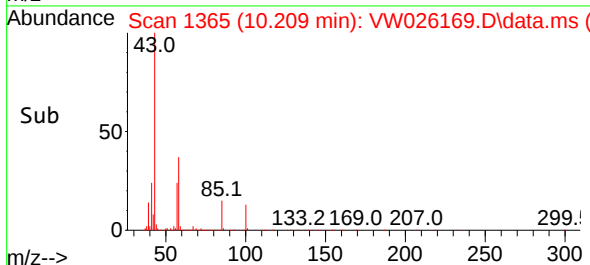
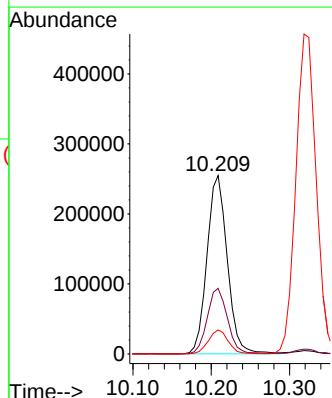
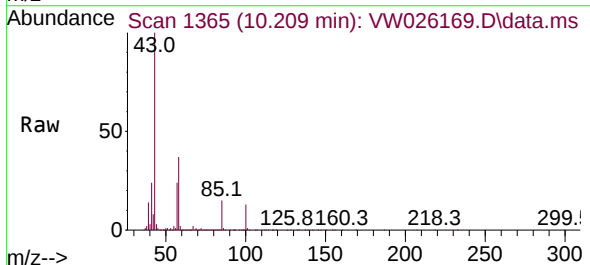
Tgt Ion: 43 Resp: 457500

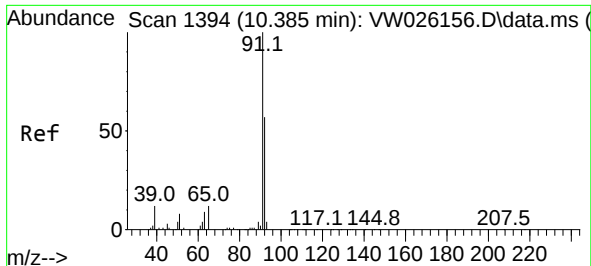
Ion Ratio Lower Upper

43 100

58 37.0 29.0 43.4

100 13.4 10.5 15.7

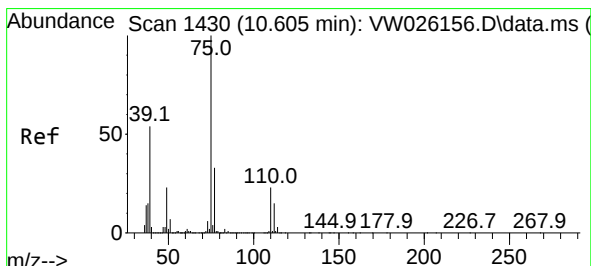
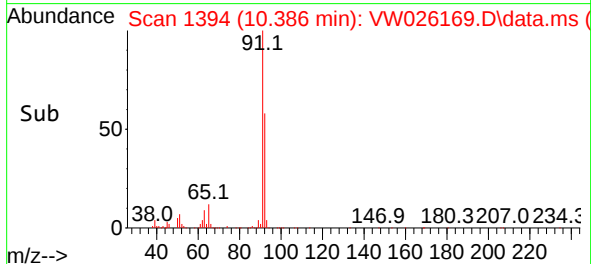
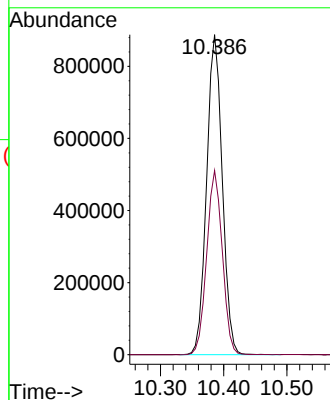
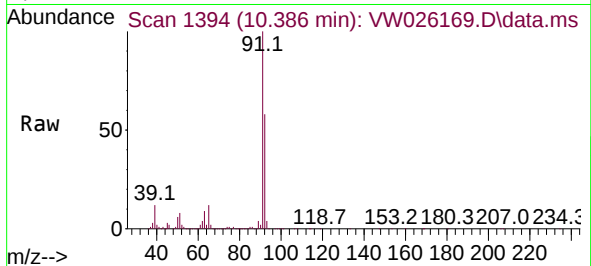




#42
Toluene
Concen: 21.794 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

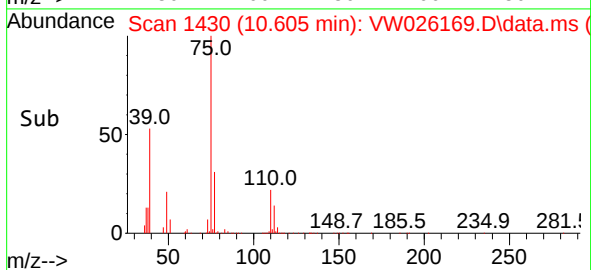
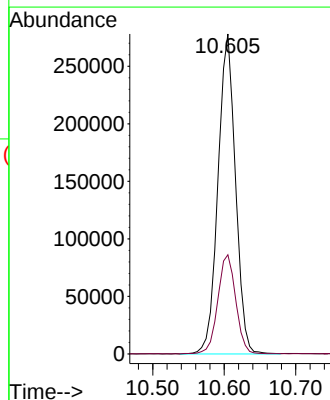
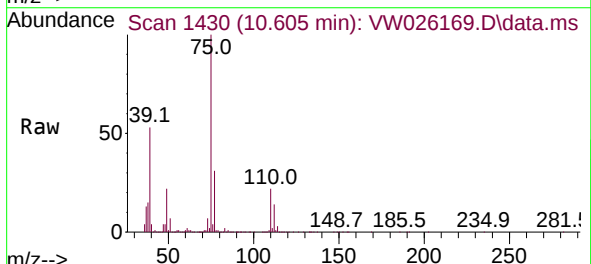
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

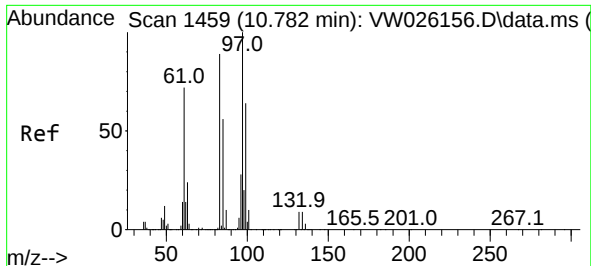
Tgt Ion: 91 Resp: 1530126
Ion Ratio Lower Upper
91 100
92 57.5 42.2 78.4



#44
trans-1,3-Dichloropropene
Concen: 20.757 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 75 Resp: 472465
Ion Ratio Lower Upper
75 100
77 31.0 21.1 39.3



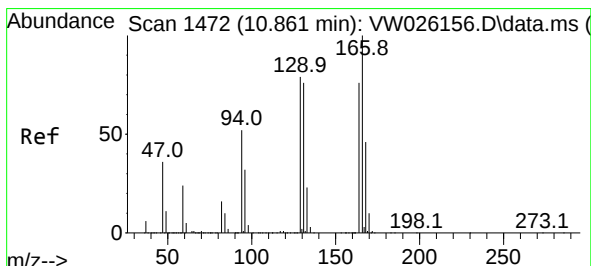
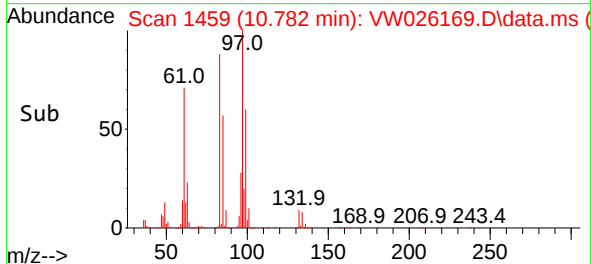
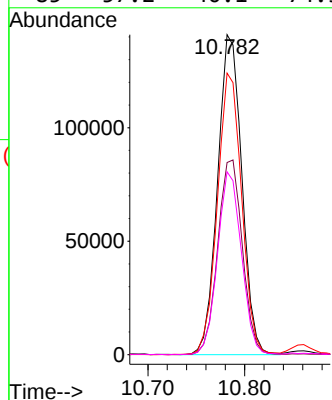
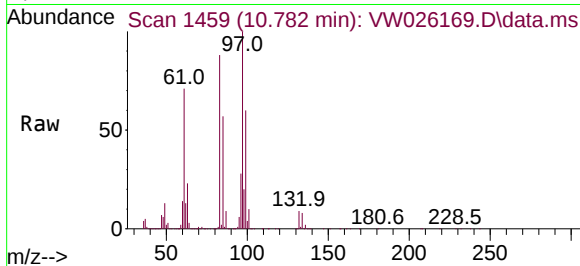


#45
1,1,2-Trichloroethane
Concen: 20.034 ug/L
RT: 10.782 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

Tgt Ion: 97 Resp: 245475

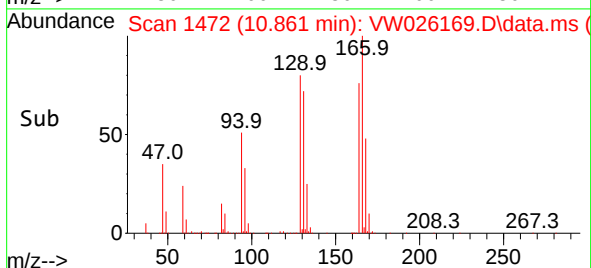
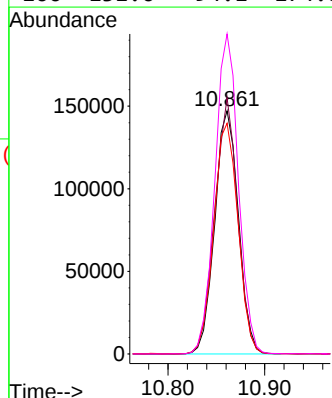
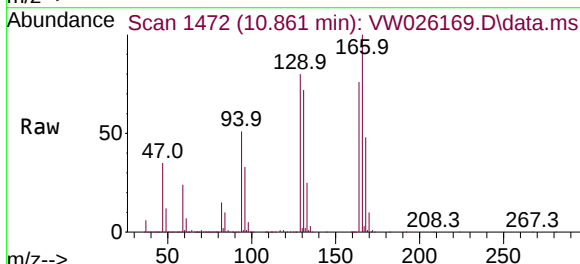
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.3	80.5
83	88.0	62.9	116.9
85	57.2	40.1	74.5

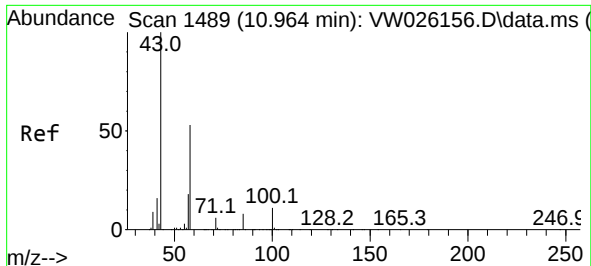


#46
Tetrachloroethene
Concen: 20.125 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 164 Resp: 250193

Ion	Ratio	Lower	Upper
164	100		
129	105.3	68.5	127.1
131	94.9	67.1	124.7
166	131.6	94.1	174.8

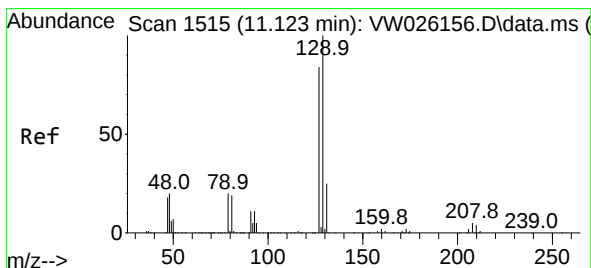
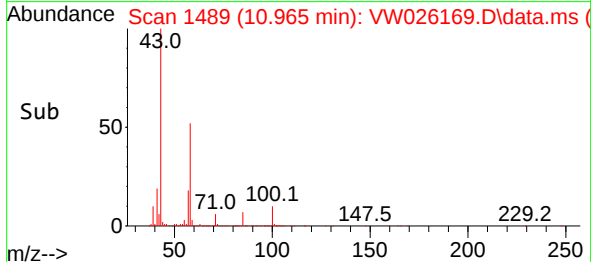
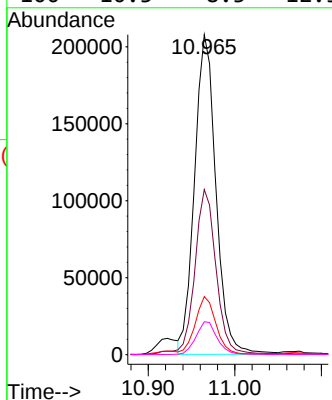
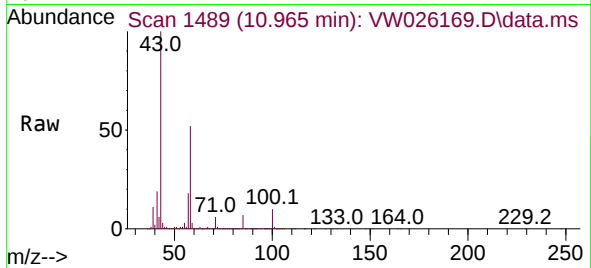




#48
2-Hexanone
Concen: 46.206 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

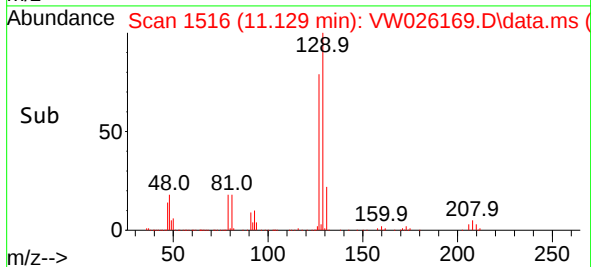
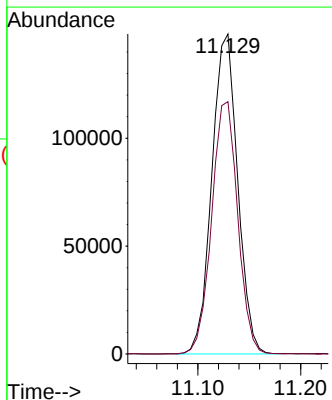
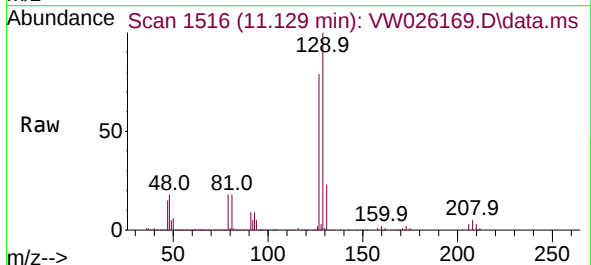
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

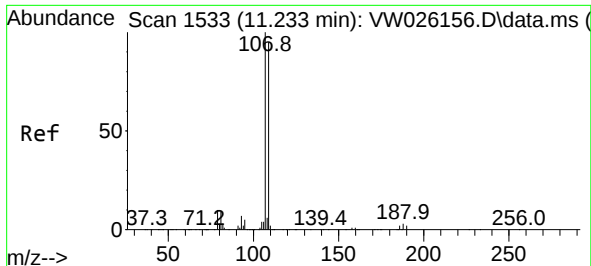
Tgt Ion: 43 Resp: 357105
Ion Ratio Lower Upper
43 100
58 50.8 42.2 63.2
57 17.4 14.2 21.2
100 10.3 8.3 12.5



#49
Dibromochloromethane
Concen: 20.150 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion:129 Resp: 258858
Ion Ratio Lower Upper
129 100
127 78.8 56.9 105.7





#50

1,2-Dibromoethane

Concen: 19.590 ug/L

RT: 11.233 min Scan# 1533

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

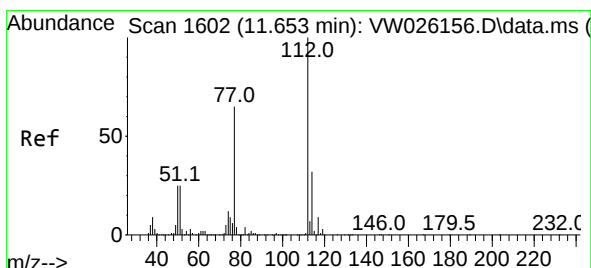
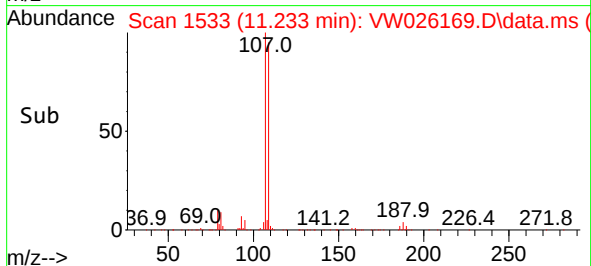
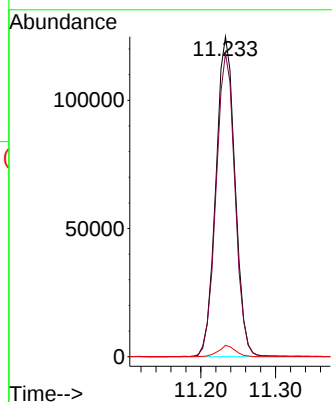
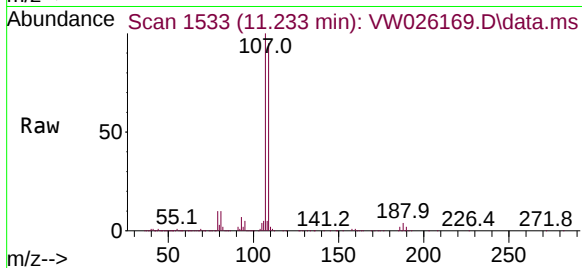
Tgt Ion:107 Resp: 222260

Ion Ratio Lower Upper

107 100

109 94.8 64.0 119.0

188 3.5 2.6 3.8



#51

Chlorobenzene

Concen: 19.982 ug/L

RT: 11.654 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

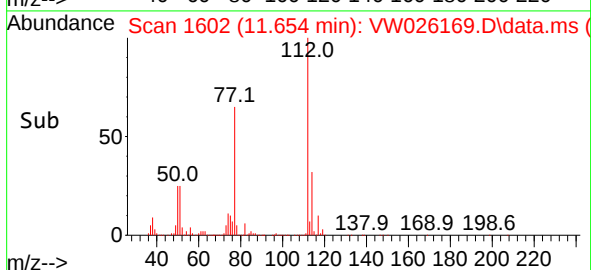
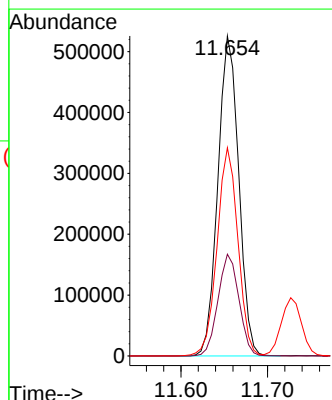
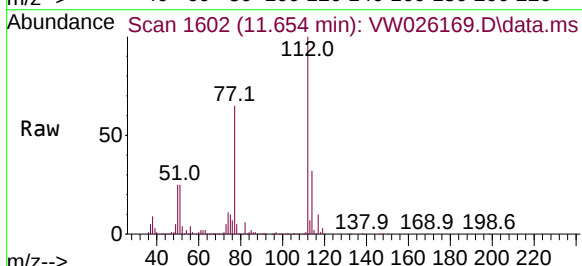
Tgt Ion:112 Resp: 879079

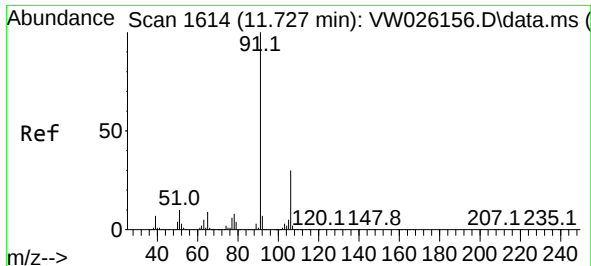
Ion Ratio Lower Upper

112 100

114 31.8 23.0 42.6

77 65.0 50.9 76.3

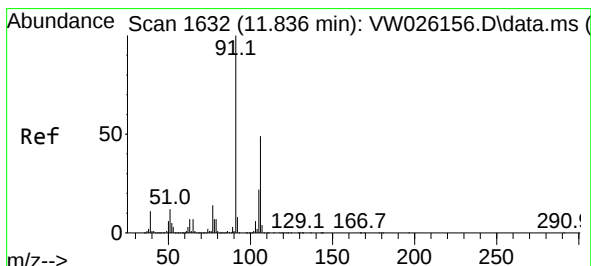
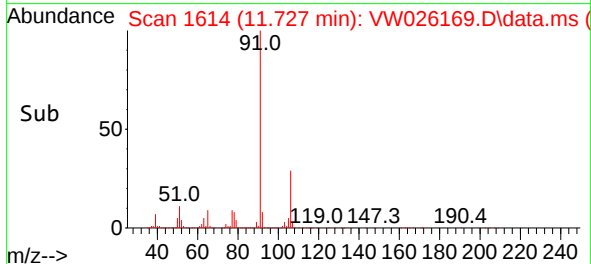
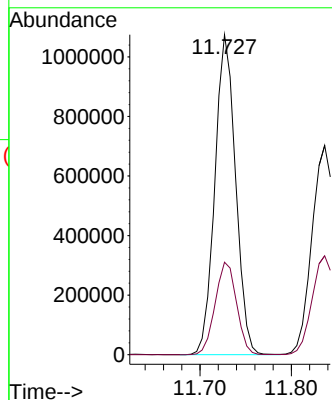
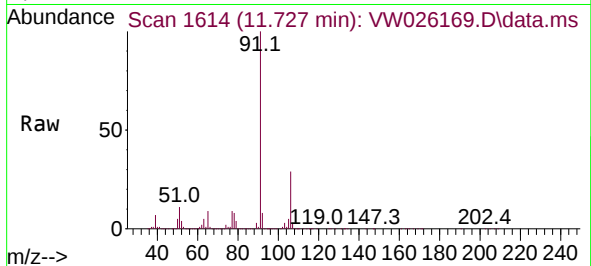




#52
Ethylbenzene
Concen: 21.349 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

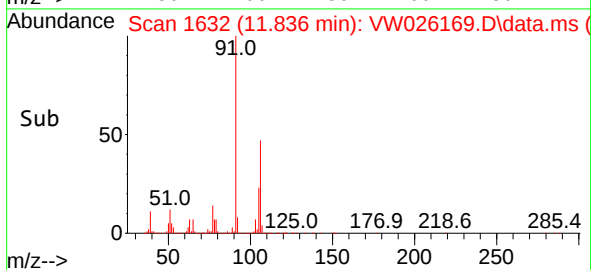
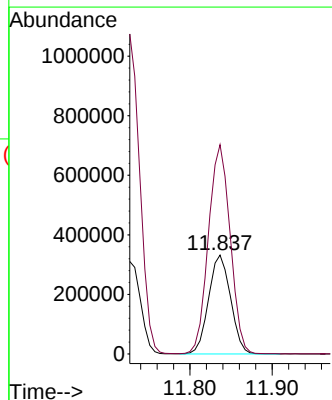
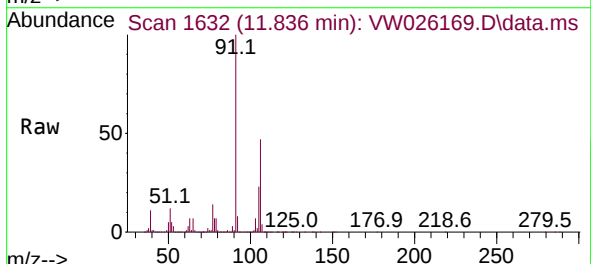
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

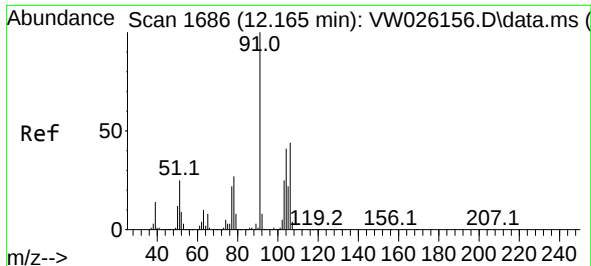
Tgt Ion: 91 Resp: 1690777
Ion Ratio Lower Upper
91 100
106 28.9 21.2 39.4



#53
m,p-Xylene
Concen: 20.899 ug/L
RT: 11.836 min Scan# 1632
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 106 Resp: 615746
Ion Ratio Lower Upper
106 100
91 211.7 149.5 277.7

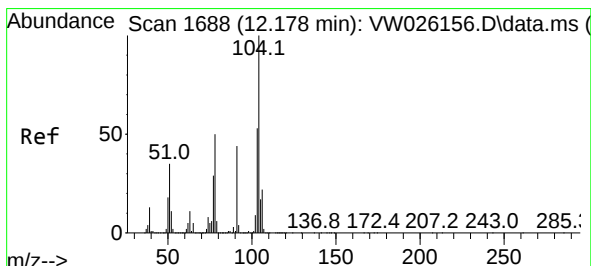
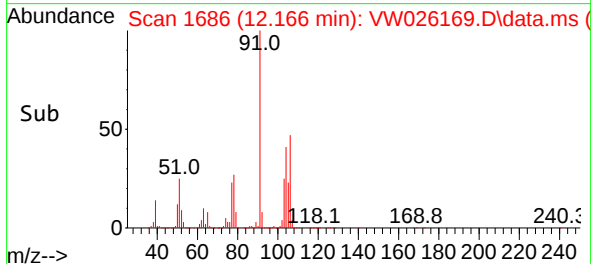
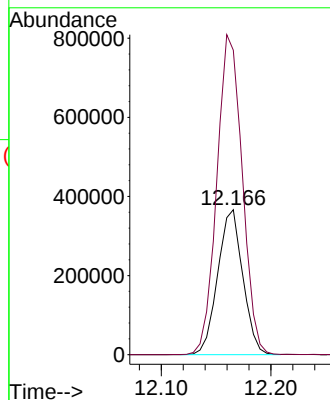
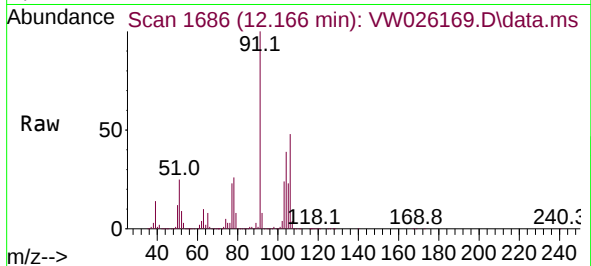




#54
o-Xylene
Concen: 20.968 ug/L
RT: 12.166 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

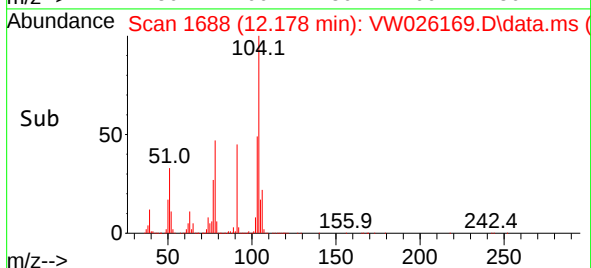
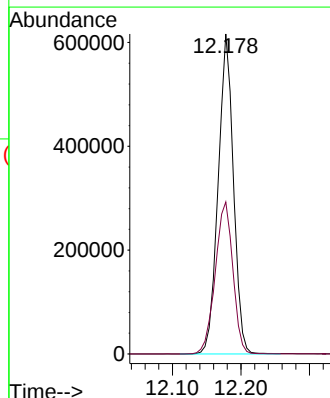
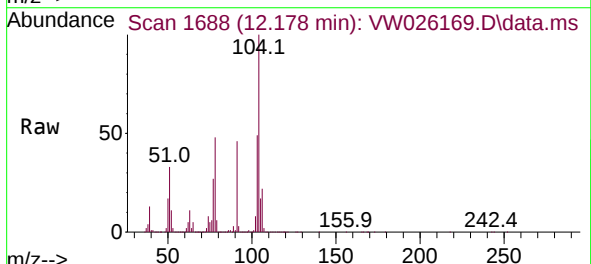
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

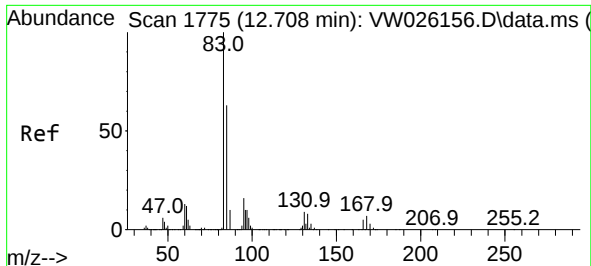
Tgt Ion:106 Resp: 583074
Ion Ratio Lower Upper
106 100
91 210.0 150.9 280.3



#55
Styrene
Concen: 19.933 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion:104 Resp: 950957
Ion Ratio Lower Upper
104 100
78 47.5 32.6 60.6

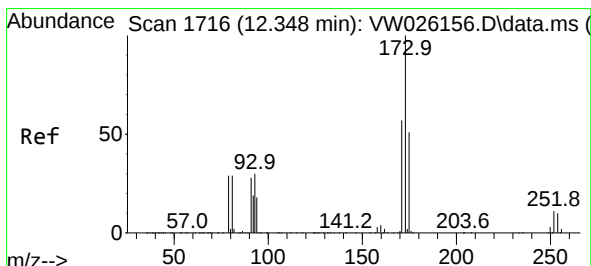
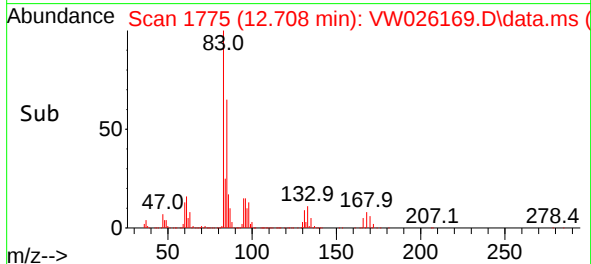
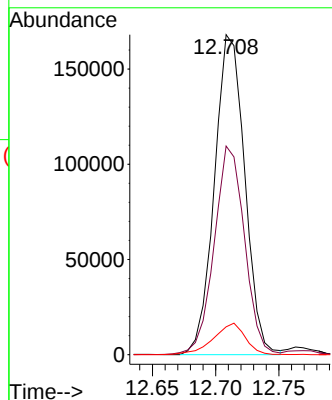
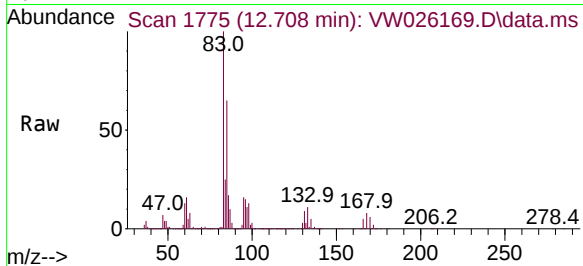




#57
1,1,2,2-Tetrachloroethane
Concen: 18.891 ug/L
RT: 12.708 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

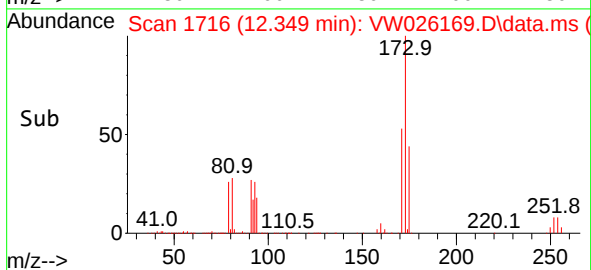
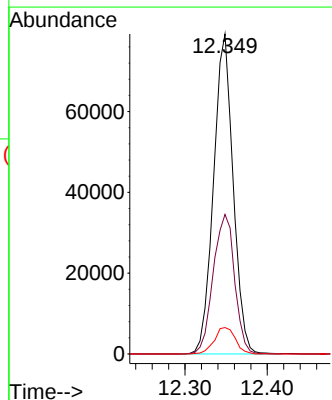
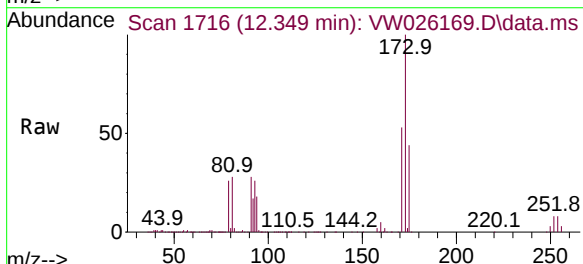
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

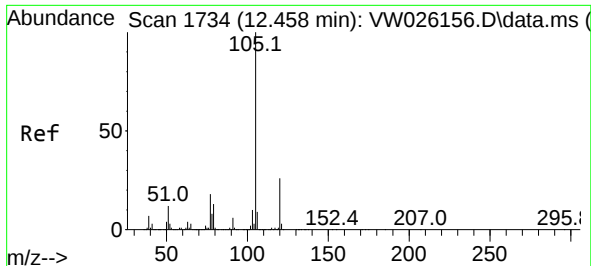
Tgt Ion: 83 Resp: 280133
Ion Ratio Lower Upper
83 100
85 65.2 42.6 79.0
131 8.7 7.2 10.8



#59
Bromoform
Concen: 20.793 ug/L
RT: 12.349 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 173 Resp: 130924
Ion Ratio Lower Upper
173 100
175 47.6 38.6 57.8
254 8.9 7.4 11.0

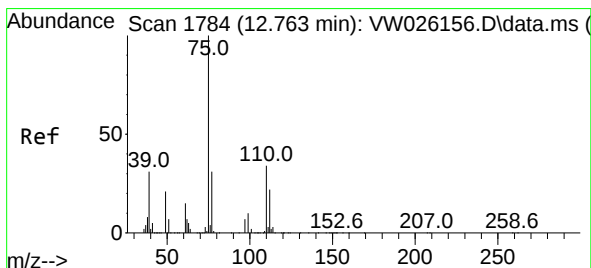
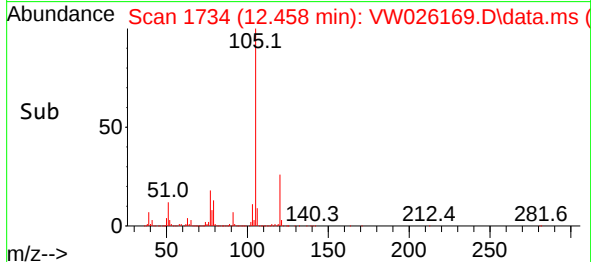
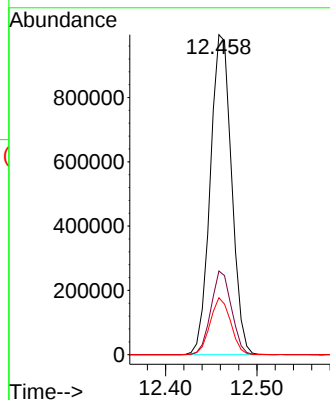
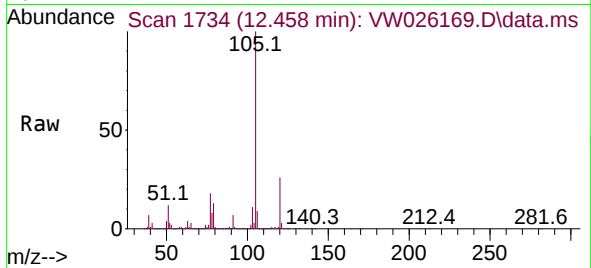




#60
Isopropylbenzene
Concen: 24.446 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

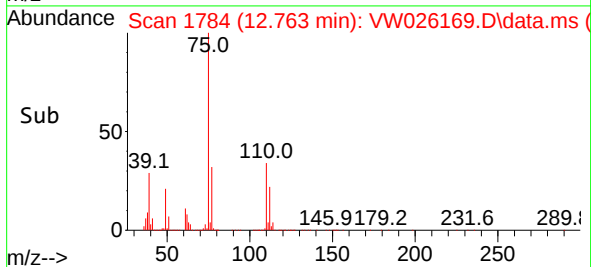
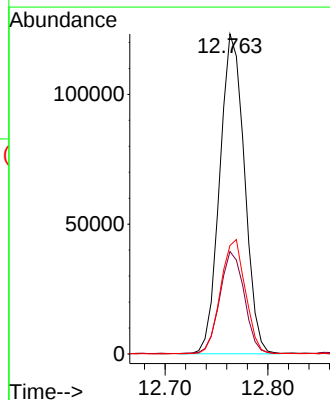
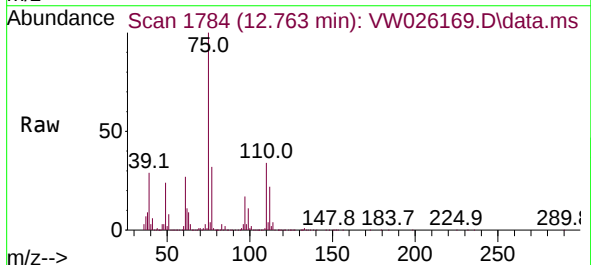
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

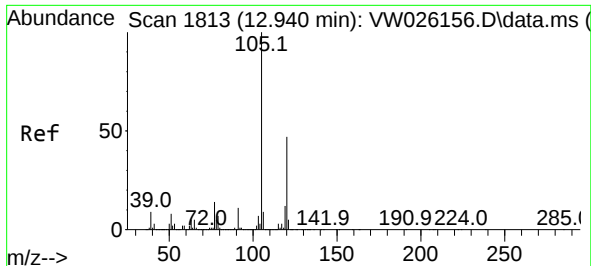
Tgt Ion:105 Resp: 1609950
Ion Ratio Lower Upper
105 100
120 25.2 19.8 29.8
77 17.1 13.3 19.9



#61
1,2,3-Trichloropropane
Concen: 21.891 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion: 75 Resp: 205569
Ion Ratio Lower Upper
75 100
77 31.4 25.2 37.8
110 35.9 28.7 43.1

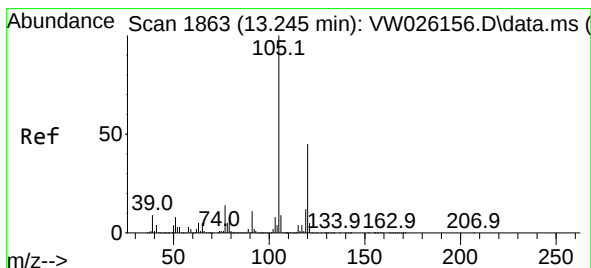
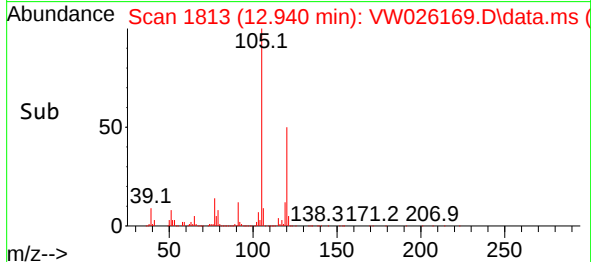
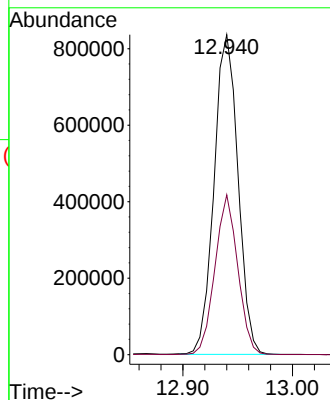
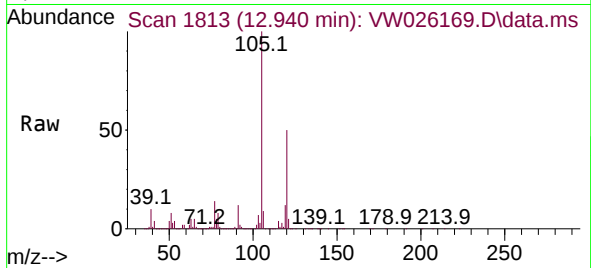




#62
 1,3,5-Trimethylbenzene
 Concen: 24.222 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW026169.D
 Acq: 09 Jun 2023 14:37

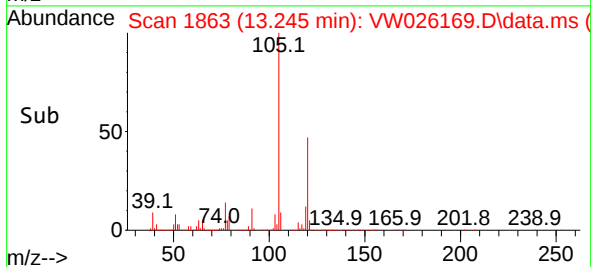
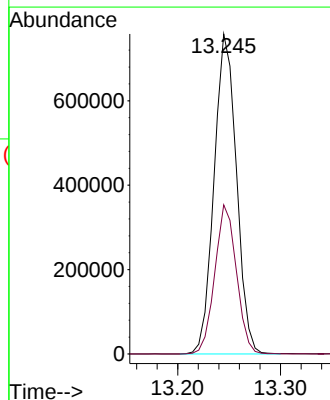
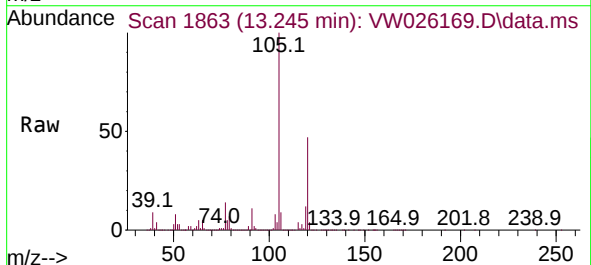
Instrument :
 MSVOA_W
 ClientSampleId :
 ESQY0MS

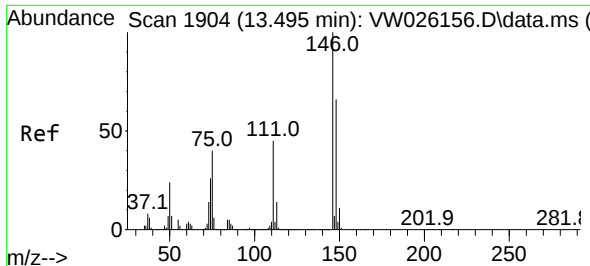
Tgt Ion:105 Resp: 1268084
 Ion Ratio Lower Upper
 105 100
 120 47.7 38.8 58.2



#63
 1,2,4-Trimethylbenzene
 Concen: 23.897 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW026169.D
 Acq: 09 Jun 2023 14:37

Tgt Ion:105 Resp: 1145854
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.2 54.2

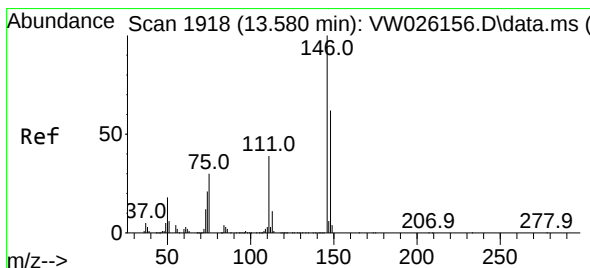
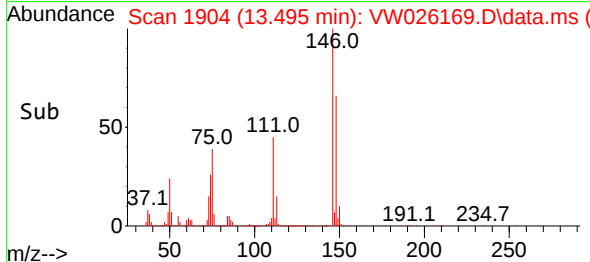
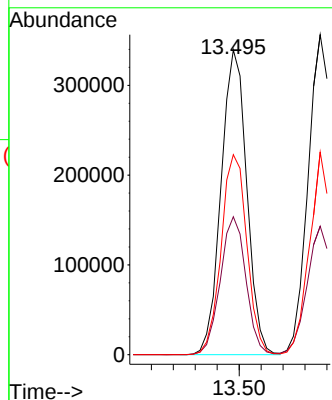
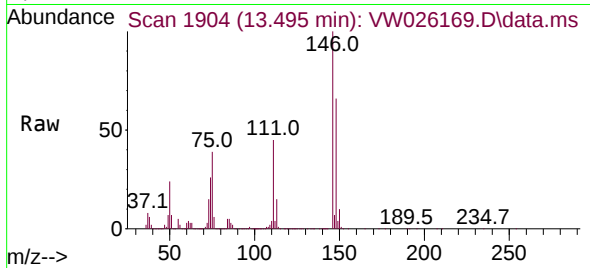




#64
1,3-Dichlorobenzene
Concen: 19.916 ug/L
RT: 13.495 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

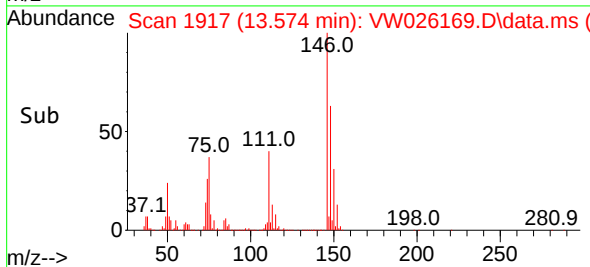
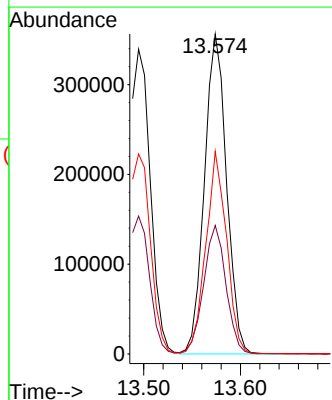
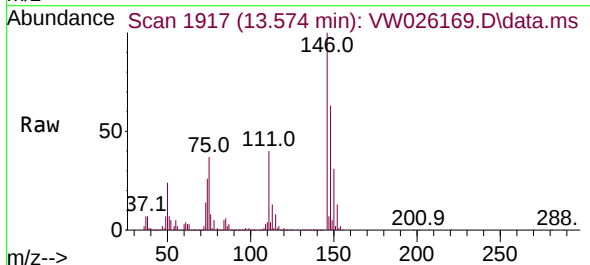
Instrument :
MSVOA_W
ClientSampleId :
ESQY0MS

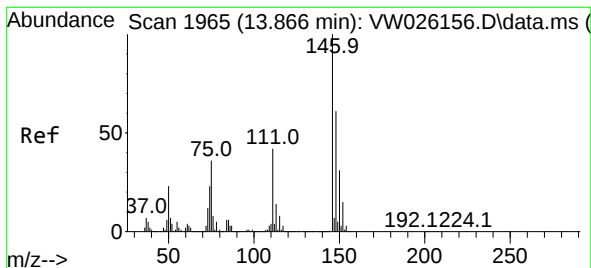
Tgt Ion:146 Resp: 551473
Ion Ratio Lower Upper
146 100
111 45.2 29.7 55.1
148 65.6 45.4 84.4



#65
1,4-Dichlorobenzene
Concen: 20.330 ug/L
RT: 13.574 min Scan# 1917
Delta R.T. -0.006 min
Lab File: VW026169.D
Acq: 09 Jun 2023 14:37

Tgt Ion:146 Resp: 566753
Ion Ratio Lower Upper
146 100
111 40.2 29.2 54.2
148 63.3 42.8 79.6





#67

1,2-Dichlorobenzene

Concen: 19.476 ug/L

RT: 13.867 min Scan# 1965

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

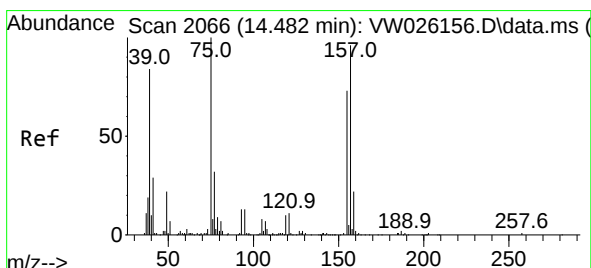
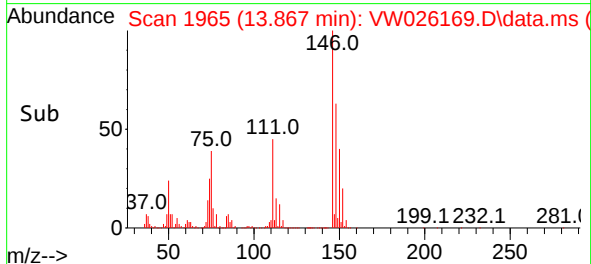
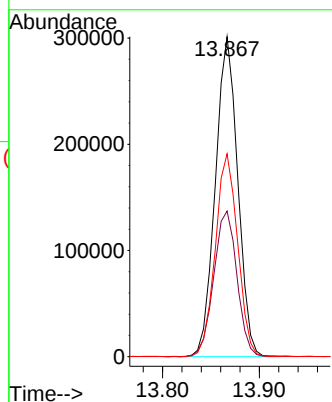
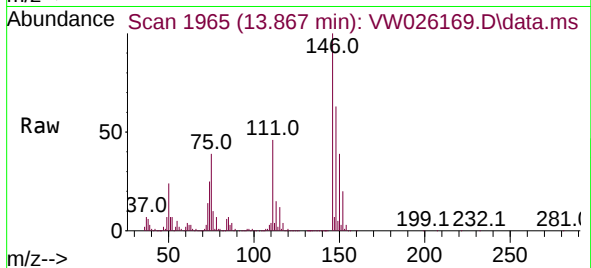
Tgt Ion:146 Resp: 484270

Ion Ratio Lower Upper

146 100

111 45.5 35.4 53.0

148 63.4 51.7 77.5



#68

1,2-Dibromo-3-chloropropane

Concen: 19.929 ug/L

RT: 14.476 min Scan# 2065

Delta R.T. -0.006 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

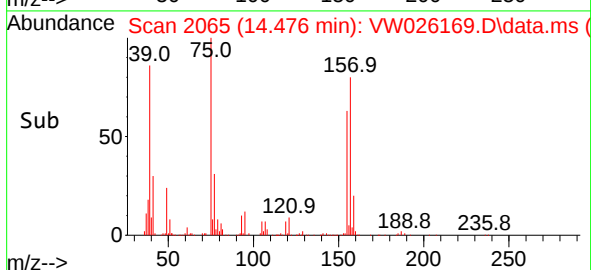
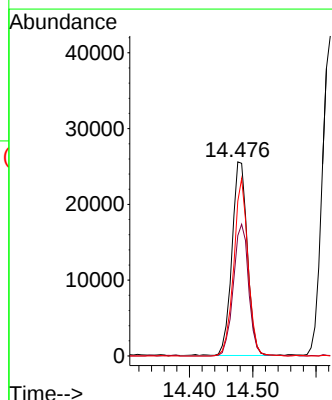
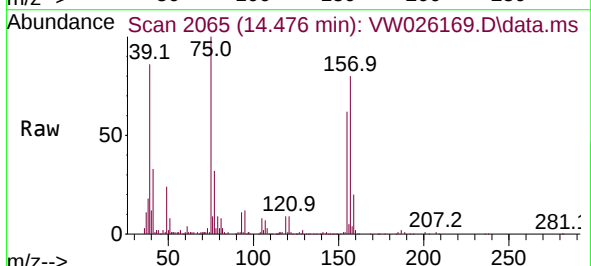
Tgt Ion: 75 Resp: 43359

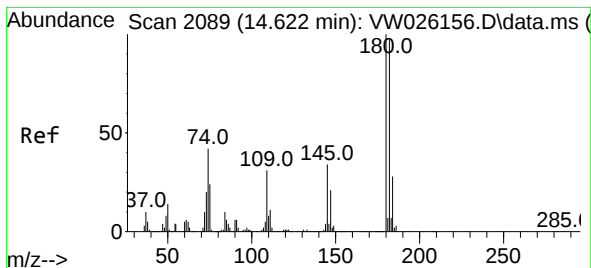
Ion Ratio Lower Upper

75 100

155 62.0 59.0 88.6

157 79.7 71.7 107.5





#69

1,3,5-Trichlorobenzene

Concen: 15.644 ug/L

RT: 14.623 min Scan# 2089

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

Tgt Ion:180 Resp: 297568

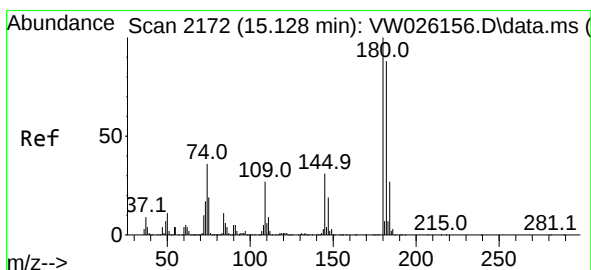
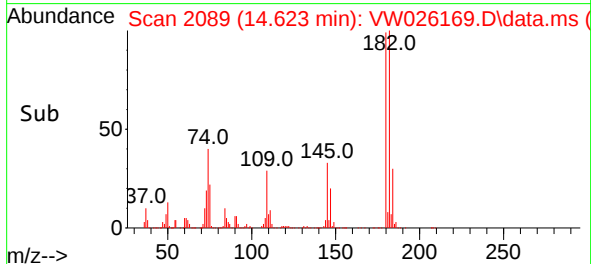
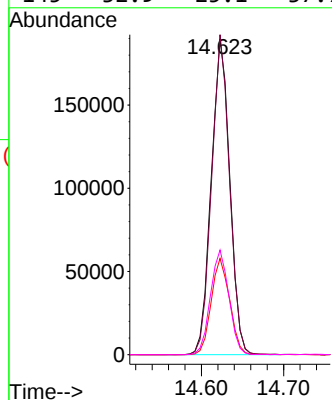
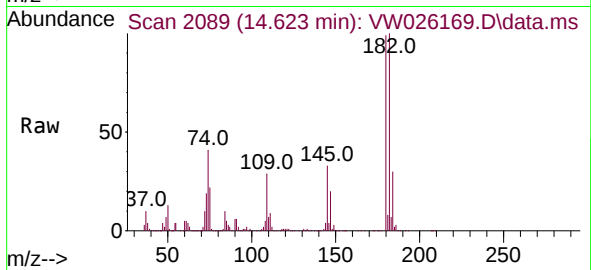
Ion Ratio Lower Upper

180 100

182 97.7 77.0 115.4

184 30.2 23.7 35.5

145 32.9 25.1 37.7



#70

1,2,4-trichlorobenzene

Concen: 13.026 ug/L

RT: 15.129 min Scan# 2172

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

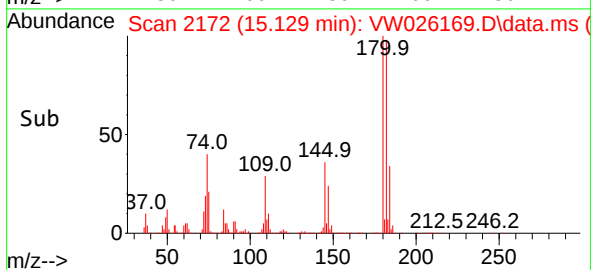
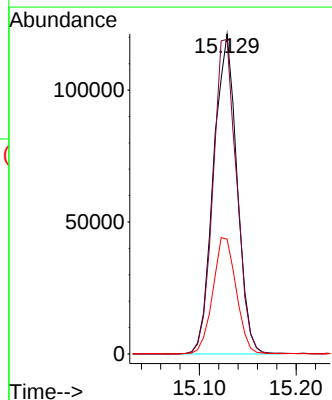
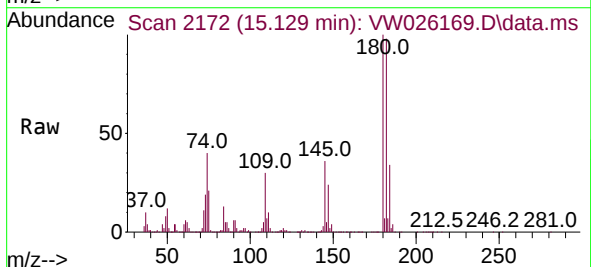
Tgt Ion:180 Resp: 204452

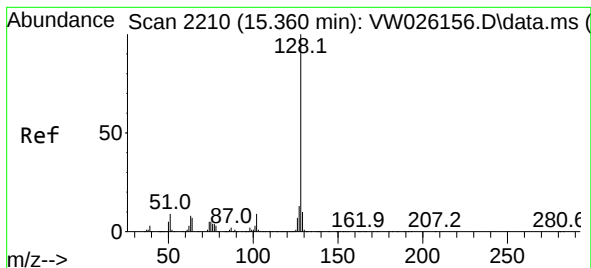
Ion Ratio Lower Upper

180 100

182 98.5 78.9 118.3

145 36.3 27.2 40.8





#71

Naphthalene

Concen: 15.853 ug/L

RT: 15.360 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Instrument :

MSVOA_W

ClientSampleId :

ESQY0MS

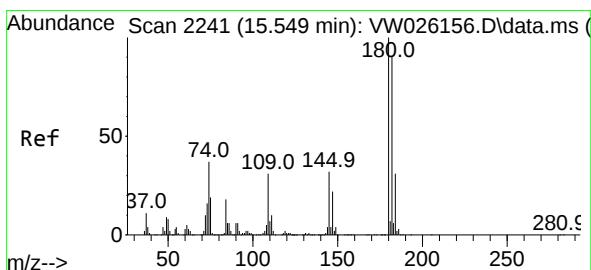
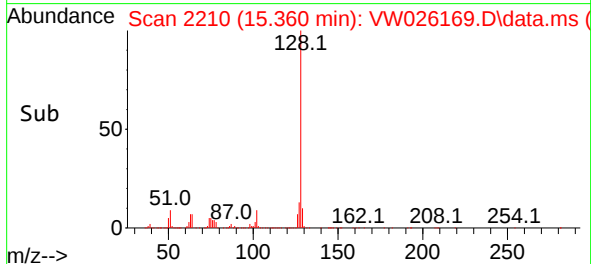
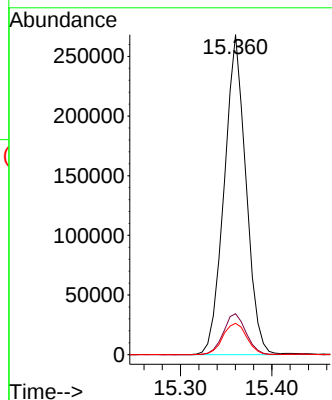
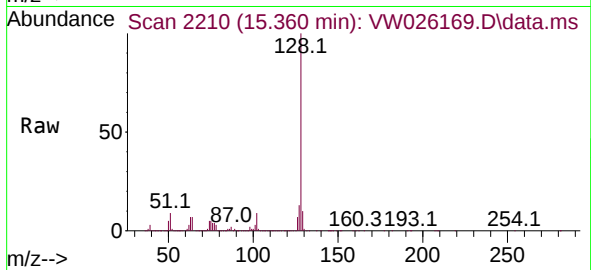
Tgt Ion:128 Resp: 443455

Ion Ratio Lower Upper

128 100

127 13.5 10.6 15.8

129 10.9 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 12.973 ug/L

RT: 15.549 min Scan# 2241

Delta R.T. 0.000 min

Lab File: VW026169.D

Acq: 09 Jun 2023 14:37

Tgt Ion:180 Resp: 177953

Ion Ratio Lower Upper

180 100

182 95.1 76.3 114.5

145 35.1 27.0 40.6

