

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW072122\
 Data File : VW023988.D
 Acq On : 21 Jul 2022 19:18
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 22 01:33:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 01:28:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	272966	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	263286	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	158256	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	133420	19.137	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	76.560%
7) Chloroethane-d5	2.873	69	91120	19.591	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.360%
11) 1,1-Dichloroethene-d2	4.007	63	122564	21.589	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.360%
21) 2-Butanone-d5	7.080	46	64542	59.684	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.360%
24) Chloroform-d	7.647	84	199958	25.160	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.640%
26) 1,2-Dichloroethane-d4	8.305	65	110497	22.733	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.920%
32) Benzene-d6	8.275	84	358741	26.211	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	104.840%
36) 1,2-Dichloropropane-d6	9.274	67	110169	26.723	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.880%
41) Toluene-d8	10.323	98	338972	24.417	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.680%
43) trans-1,3-Dichloroprop...	10.573	79	48681	25.192	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	100.760%
47) 2-Hexanone-d5	10.920	63	56855	65.584	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.160%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	130823	28.714	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.840%
66) 1,2-Dichlorobenzene-d4	13.847	152	138451	24.507	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.001	85	71334	38.456	ug/L	97
3) Chloromethane	2.209	50	113029	24.882	ug/L	99
5) Vinyl chloride	2.349	62	162951	20.890	ug/L	100
6) Bromomethane	2.763	94	78923	15.642	ug/L	96
8) Chloroethane	2.910	64	76493	20.961	ug/L	98
9) Trichlorofluoromethane	3.245	101	66589	18.780	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	4.044	101	83891	24.175	ug/L	95
12) 1,1-Dichloroethene	4.031	96	66362	22.935	ug/L	89
13) Acetone	4.129	43	34012	44.486	ug/L	98
14) Carbon disulfide	4.373	76	166376	19.547	ug/L	98
15) Methyl Acetate	4.672	43	43039	25.152	ug/L	99
16) Methylene chloride	4.915	84	112605	26.381	ug/L	98
17) trans-1,2-Dichloroethene	5.415	96	89107	25.381	ug/L	97
18) Methyl tert-butyl Ether	5.434	73	148721	27.382	ug/L #	89
19) 1,1-Dichloroethane	6.214	63	169694	26.204	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	104405	26.844	ug/L #	89
22) 2-Butanone	7.171	43	67610	53.810	ug/L	98
23) Bromochloromethane	7.513	128	51489	27.558	ug/L	96
25) Chloroform	7.671	83	198323	26.583	ug/L	93

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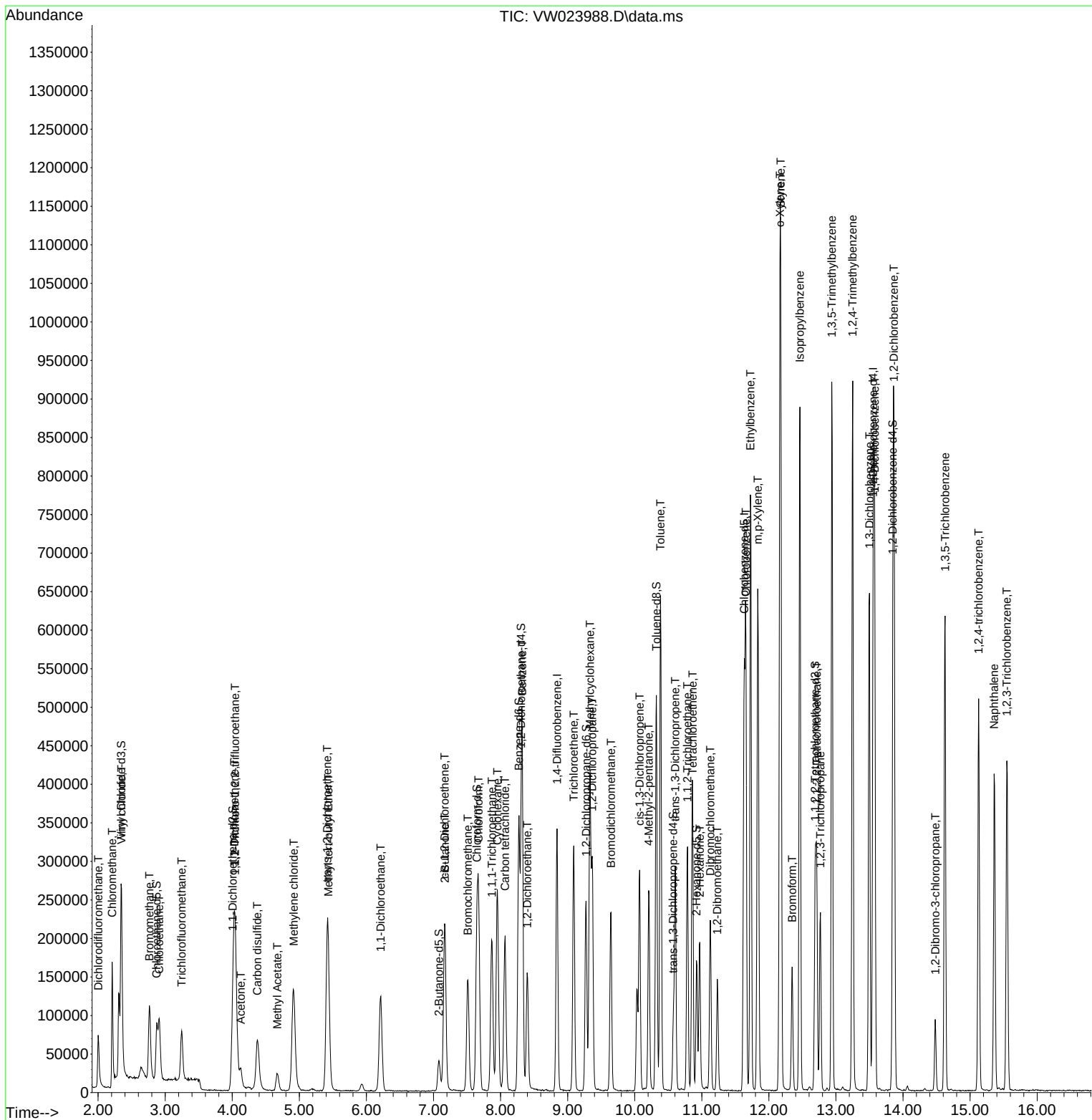
Instrument :
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 ClientSampleId :

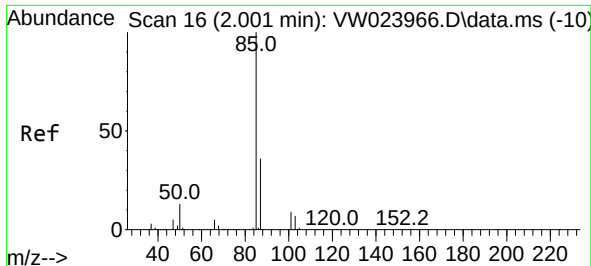
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 Quant Title : SFAM01.0
 QLast Update : Fri Jul 22 01:28:21 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	132661	24.160	ug/L	99
29) Cyclohexane	7.951	56	128594	26.705	ug/L	98
30) 1,1,1-Trichloroethane	7.872	97	157889	27.696	ug/L	99
31) Carbon tetrachloride	8.067	117	144621	28.142	ug/L	99
33) Benzene	8.323	78	411295	27.490	ug/L	100
34) Trichloroethene	9.092	95	104047	26.335	ug/L	97
35) Methylcyclohexane	9.335	83	161967	26.922	ug/L	96
37) 1,2-Dichloropropane	9.366	63	104342	27.817	ug/L	100
38) Bromodichloromethane	9.646	83	147986	28.268	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	159001	28.124	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	160176	61.365	ug/L	95
42) Toluene	10.384	91	458679	26.881	ug/L	96
44) trans-1,3-Dichloropropene	10.603	75	150673	28.039	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	93515	28.512	ug/L	100
46) Tetrachloroethene	10.866	164	81239	26.592	ug/L	95
48) 2-Hexanone	10.969	43	119618	62.943	ug/L	97
49) Dibromochloromethane	11.128	129	109475	28.782	ug/L	98
50) 1,2-Dibromoethane	11.231	107	90237	28.637	ug/L	94
51) Chlorobenzene	11.658	112	311678	27.084	ug/L	94
52) Ethylbenzene	11.725	91	532604	27.468	ug/L	99
53) m,p-Xylene	11.835	106	205331	27.141	ug/L	96
54) o-Xylene	12.164	106	200990	27.664	ug/L	95
55) Styrene	12.176	104	363366	28.310	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	130025	29.064	ug/L	98
59) Bromoform	12.347	173	65236	27.956	ug/L #	99
60) Isopropylbenzene	12.463	105	551603	25.947	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	91007	26.226	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	467316	26.850	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	472334	27.144	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	262680	27.215	ug/L	93
65) 1,4-Dichlorobenzene	13.579	146	265161	25.822	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	253417	27.839	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	21205	26.494	ug/L #	75
69) 1,3,5-Trichlorobenzene	14.627	180	179220	28.053	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	142514	28.889	ug/L	98
71) Naphthalene	15.359	128	332228	31.395	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	134351	29.219	ug/L	97

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

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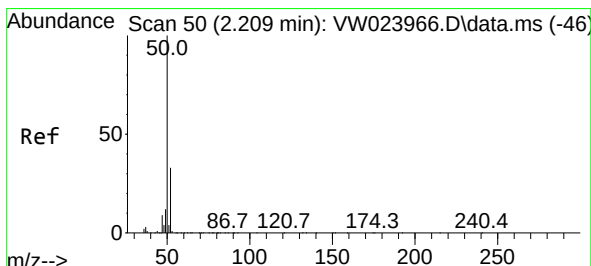
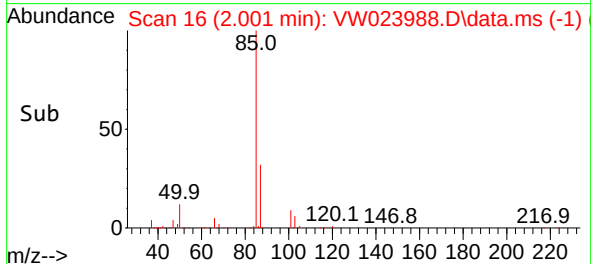
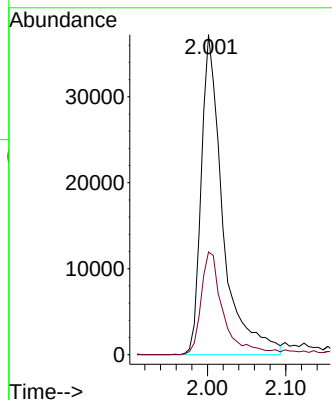
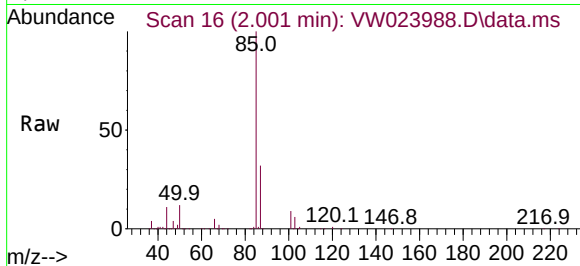




#2
Dichlorodifluoromethane
Concen: 38.456 ug/L
RT: 2.001 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

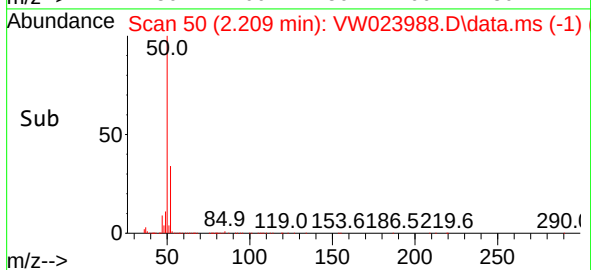
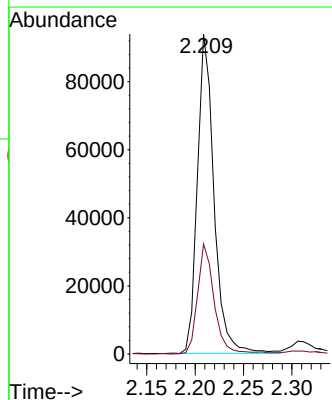
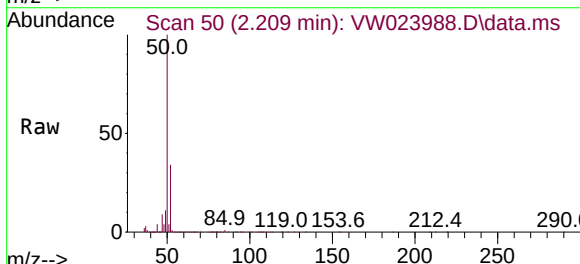
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MSVOA_W
ClientSampleId :

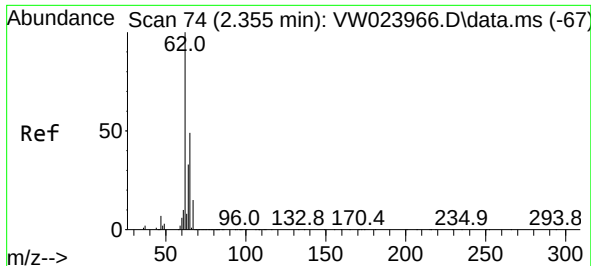
Tgt Ion: 85 Resp: 71334
Ion Ratio Lower Upper
85 100
87 32.5 24.7 37.1



#3
Chloromethane
Concen: 24.882 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 50 Resp: 113029
Ion Ratio Lower Upper
50 100
52 34.4 23.7 44.1

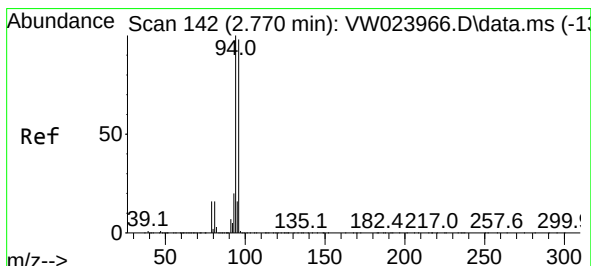
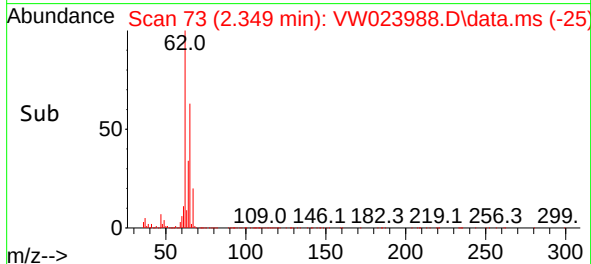
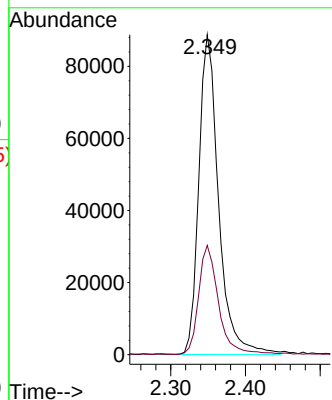
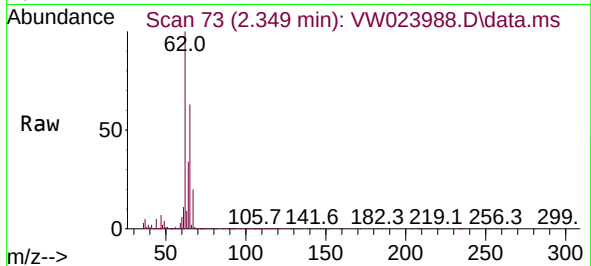




#5
 Vinyl chloride
 Concen: 20.890 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

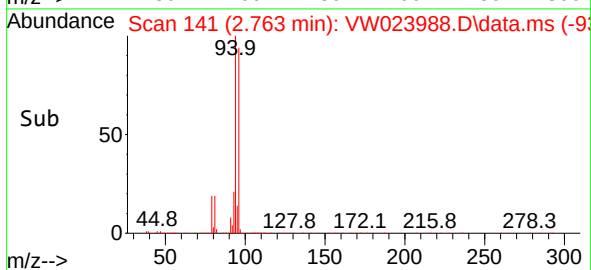
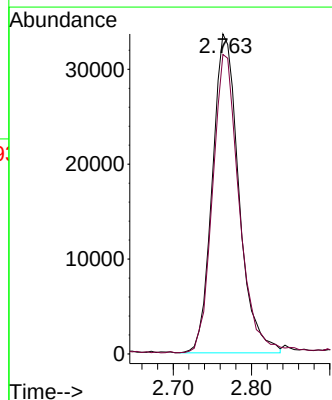
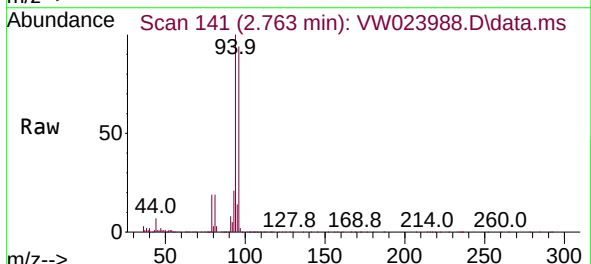
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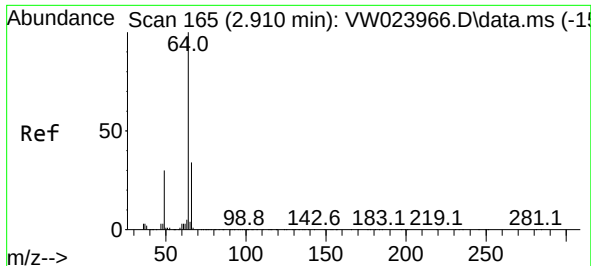
Tgt Ion: 62 Resp: 162951
 Ion Ratio Lower Upper
 62 100
 64 34.2 24.0 44.6



#6
 Bromomethane
 Concen: 15.642 ug/L
 RT: 2.763 min Scan# 141
 Delta R.T. -0.006 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

Tgt Ion: 94 Resp: 78923
 Ion Ratio Lower Upper
 94 100
 96 93.6 68.2 126.6

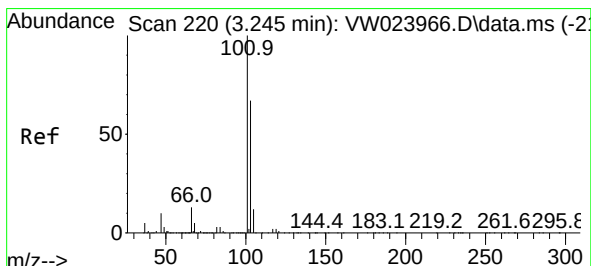
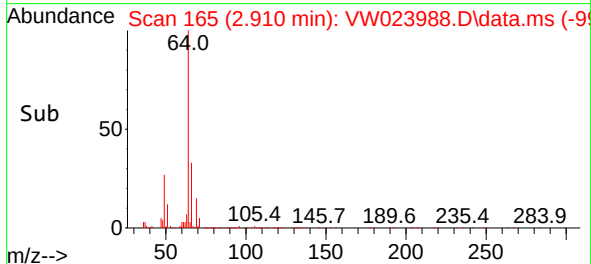
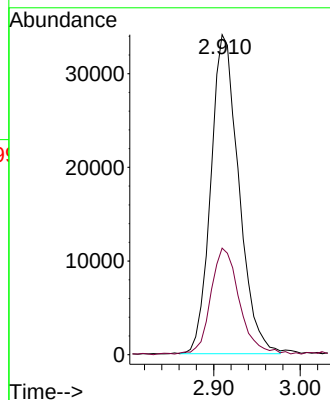
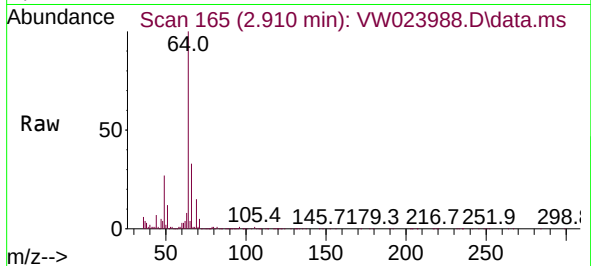




#8
Chloroethane
Concen: 20.961 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

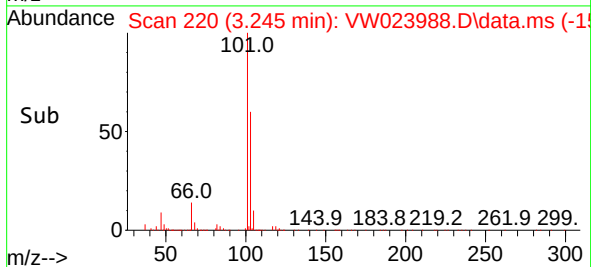
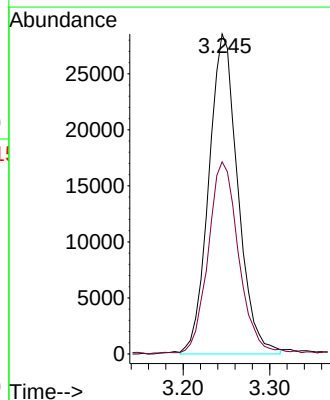
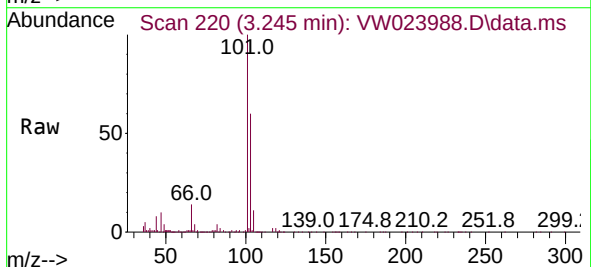
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ClientSampleId :

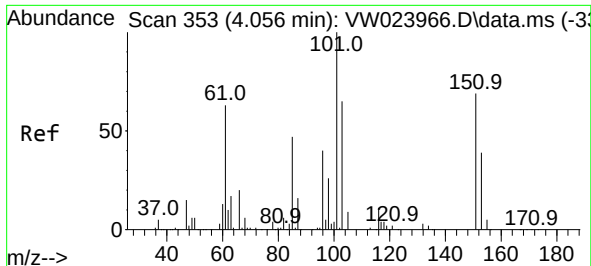
Tgt Ion: 64 Resp: 76493
Ion Ratio Lower Upper
64 100
66 33.3 22.4 41.6



#9
Trichlorofluoromethane
Concen: 18.780 ug/L
RT: 3.245 min Scan# 220
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 101 Resp: 66589
Ion Ratio Lower Upper
101 100
103 63.1 52.1 78.1

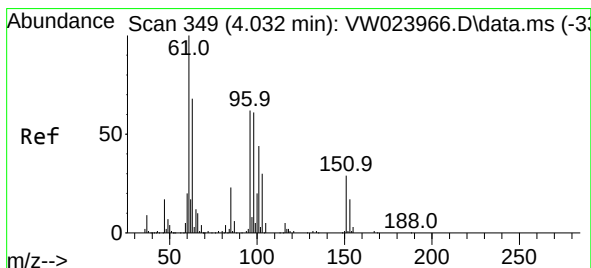
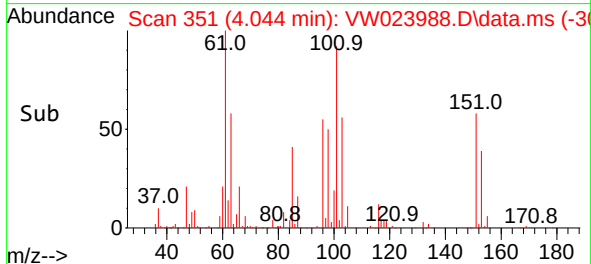
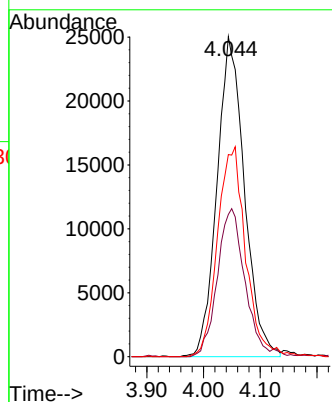
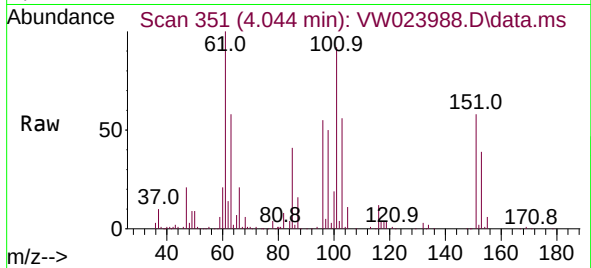




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 24.175 ug/L
 RT: 4.044 min Scan# 353
 Delta R.T. -0.012 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

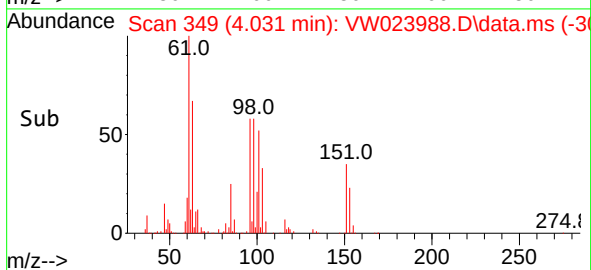
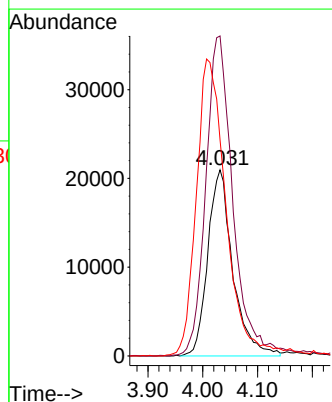
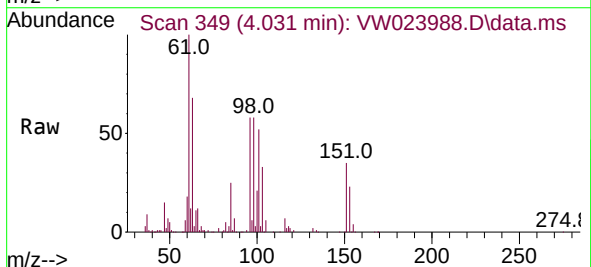
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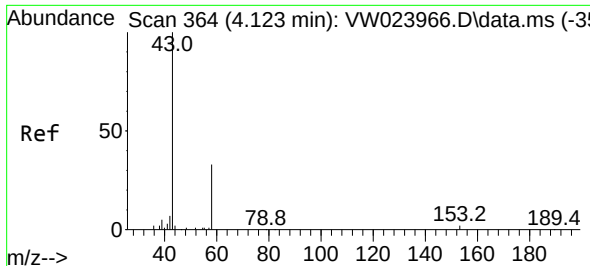
Tgt Ion:101 Resp: 83891
 Ion Ratio Lower Upper
 101 100
 85 45.9 37.6 56.4
 151 66.2 57.6 86.4



#12
 1,1-Dichloroethene
 Concen: 22.935 ug/L
 RT: 4.031 min Scan# 349
 Delta R.T. -0.000 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

Tgt Ion: 96 Resp: 66362
 Ion Ratio Lower Upper
 96 100
 61 172.0 125.4 232.8
 63 116.2 97.4 180.8

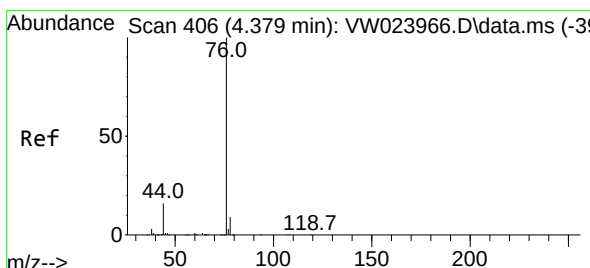
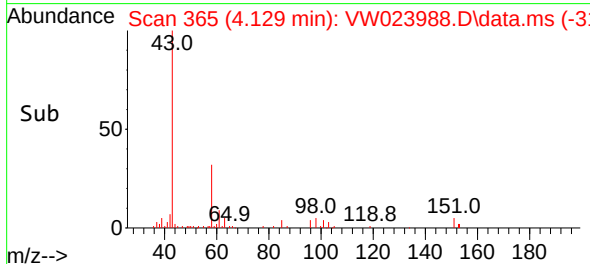
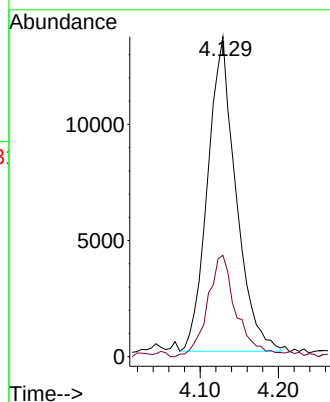
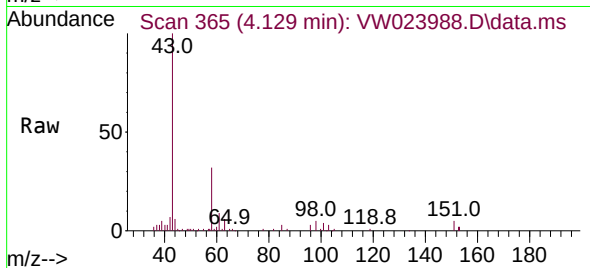




#13
Acetone
Concen: 44.486 ug/L
RT: 4.129 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

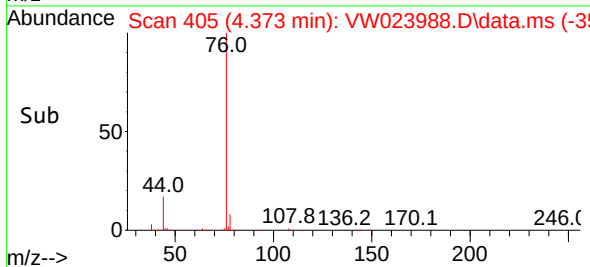
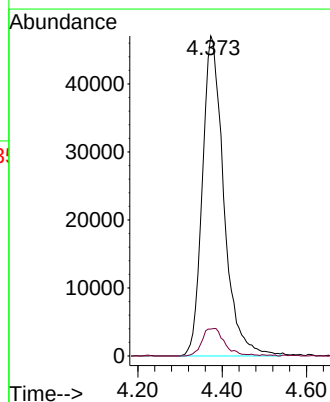
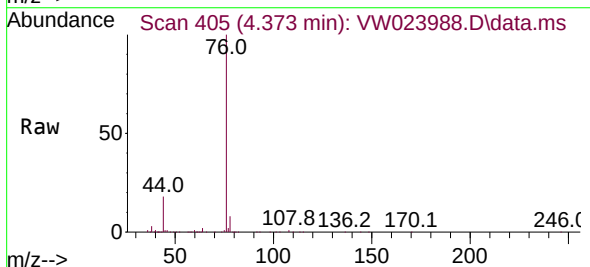
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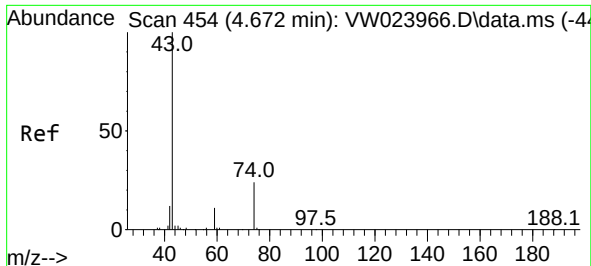
Tgt Ion: 43 Resp: 34012
Ion Ratio Lower Upper
43 100
58 33.0 0.0 64.2



#14
Carbon disulfide
Concen: 19.547 ug/L
RT: 4.373 min Scan# 405
Delta R.T. -0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 76 Resp: 166376
Ion Ratio Lower Upper
76 100
78 8.4 7.2 10.8

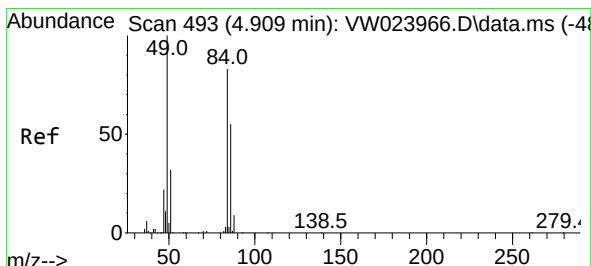
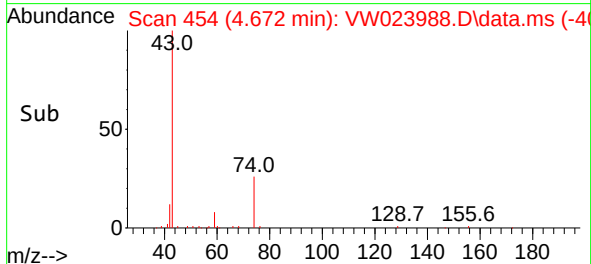
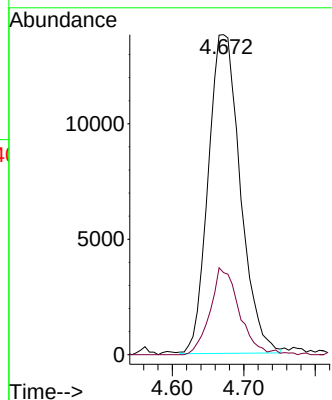
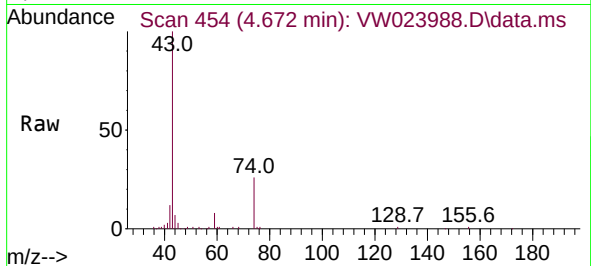




#15
Methyl Acetate
Concen: 25.152 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

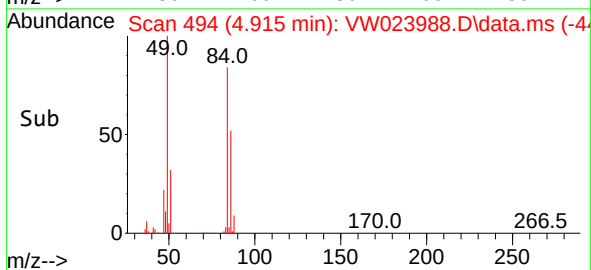
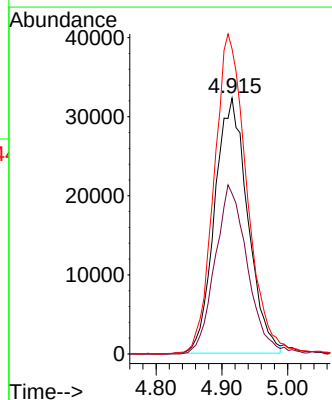
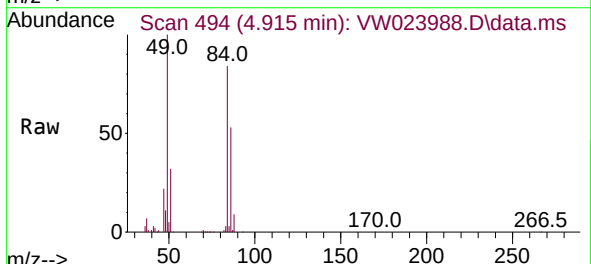
Instrument :
MSVOA_W
ClientSampleId :

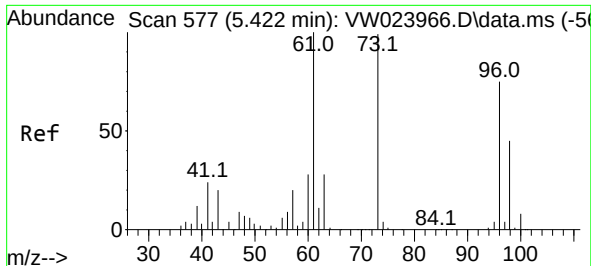
Tgt Ion: 43 Resp: 43039
Ion Ratio Lower Upper
43 100
74 24.3 20.0 30.0



#16
Methylene chloride
Concen: 26.381 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 84 Resp: 112605
Ion Ratio Lower Upper
84 100
86 62.6 42.8 79.6
49 119.3 85.4 158.6

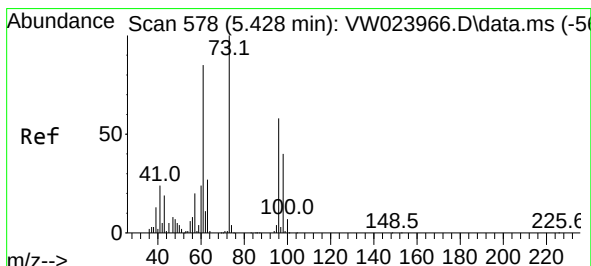
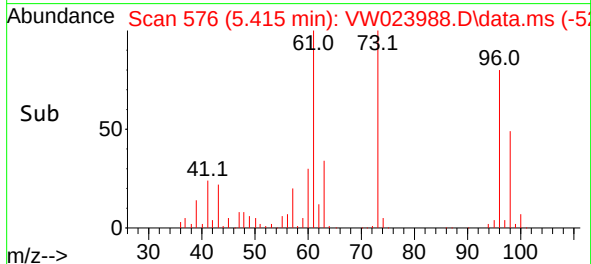
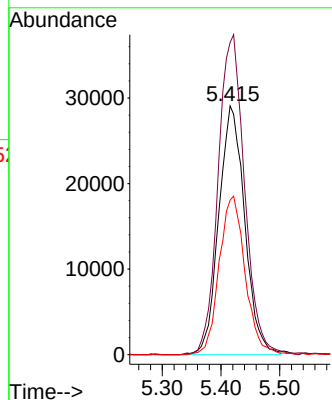
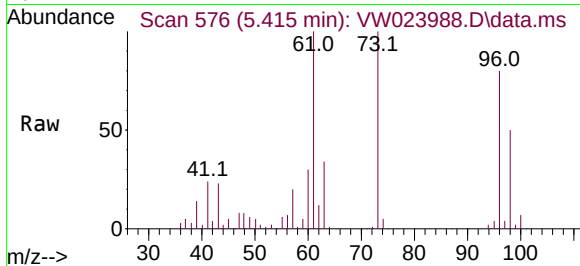




#17
trans-1,2-Dichloroethene
Concen: 25.381 ug/L
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

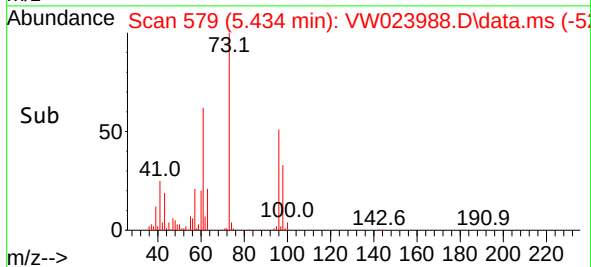
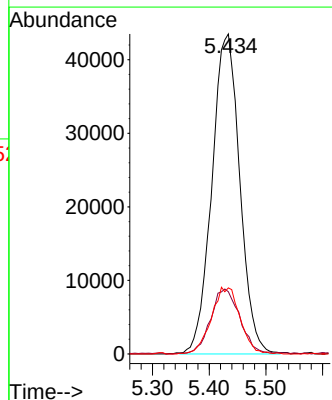
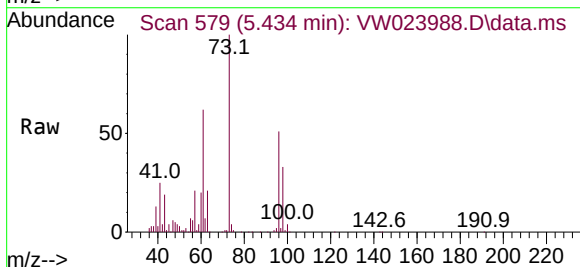
Instrument :
MSVOA_W
ClientSampleId :

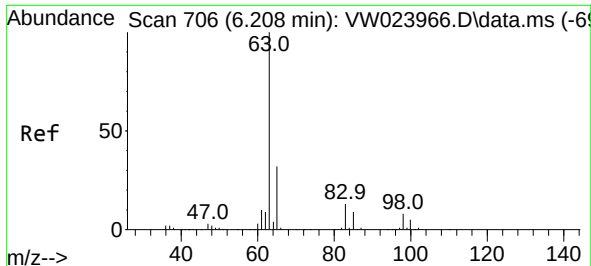
Tgt Ion: 96 Resp: 89107
Ion Ratio Lower Upper
96 100
61 125.5 90.8 168.6
98 62.2 42.8 79.6



#18
Methyl tert-butyl Ether
Concen: 27.382 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 73 Resp: 148721
Ion Ratio Lower Upper
73 100
43 21.3 17.6 26.4
57 11.2 16.8 25.2#





#19

1,1-Dichloroethane

Concen: 26.204 ug/L

RT: 6.214 min Scan# 706

Delta R.T. 0.006 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

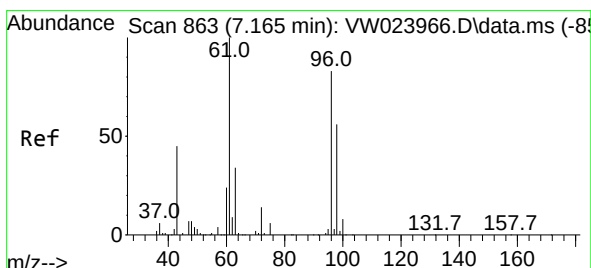
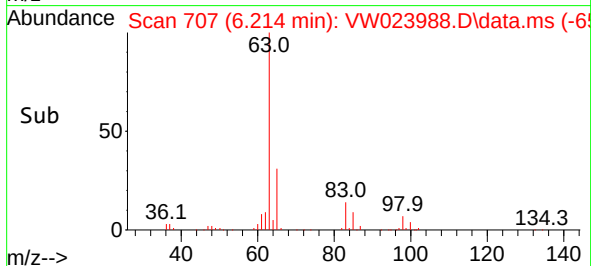
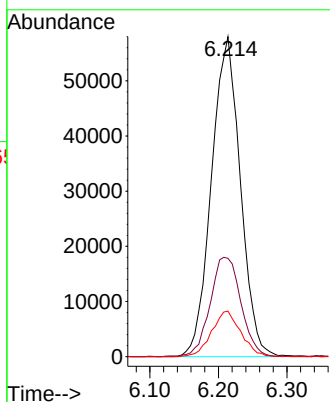
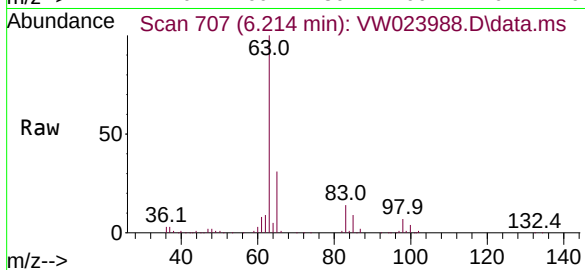
Tgt Ion: 63 Resp: 169694

Ion Ratio Lower Upper

63 100

65 30.8 22.7 42.1

83 14.3 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 26.844 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

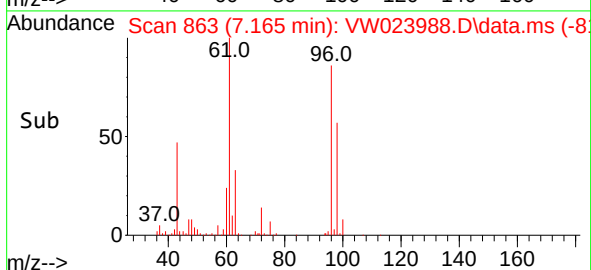
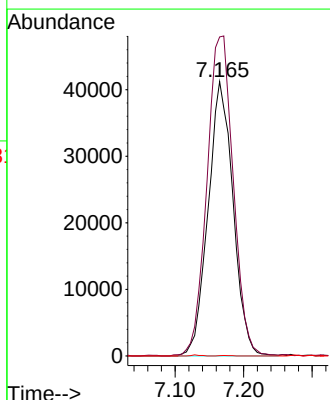
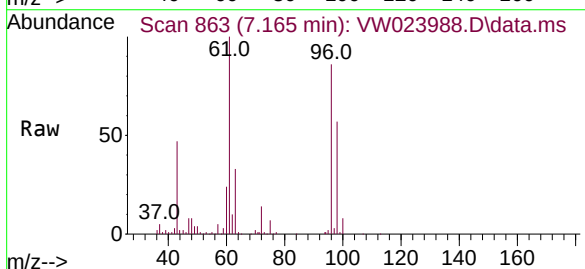
Tgt Ion: 96 Resp: 104405

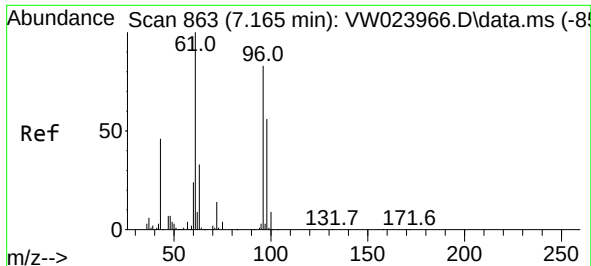
Ion Ratio Lower Upper

96 100

61 116.3 90.6 168.2

68 0.1 0.2 0.4

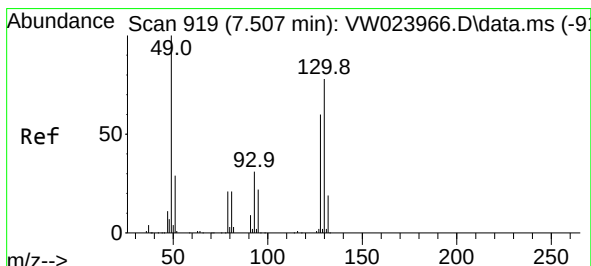
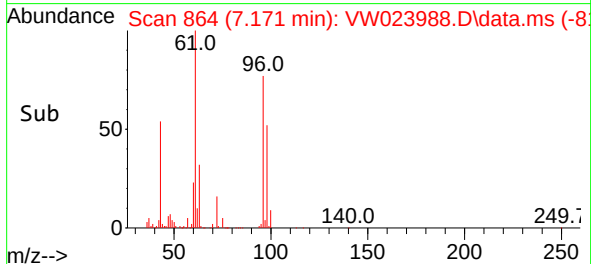
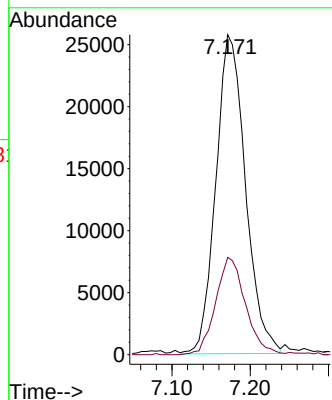
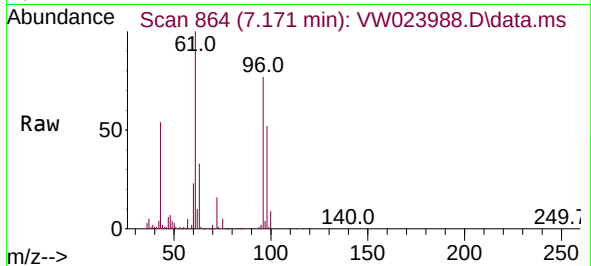




#22
2-Butanone
Concen: 53.810 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

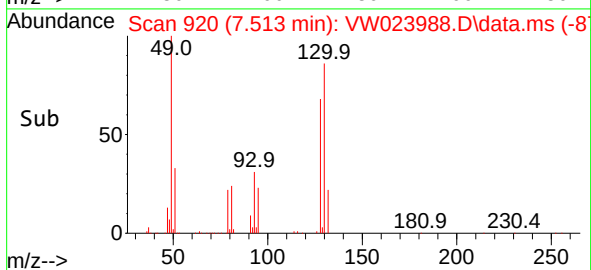
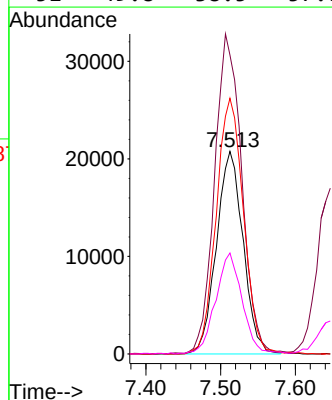
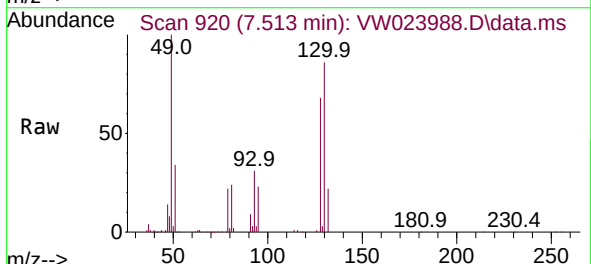
Instrument :
MSVOA_W
ClientSampleId :

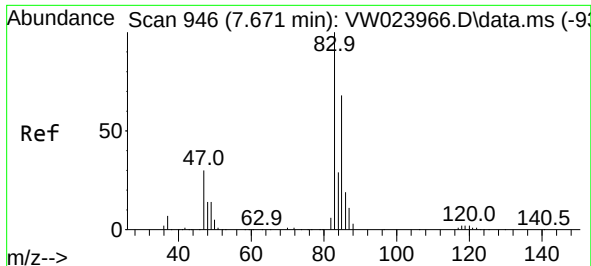
Tgt Ion: 43 Resp: 67610
Ion Ratio Lower Upper
43 100
72 30.6 14.7 44.1



#23
Bromochloromethane
Concen: 27.558 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 128 Resp: 51489
Ion Ratio Lower Upper
128 100
49 147.6 106.0 196.8
130 126.3 83.2 154.4
51 49.8 38.5 57.7

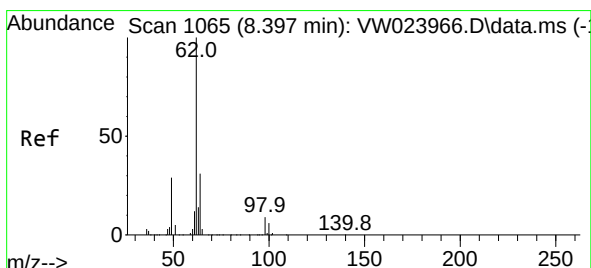
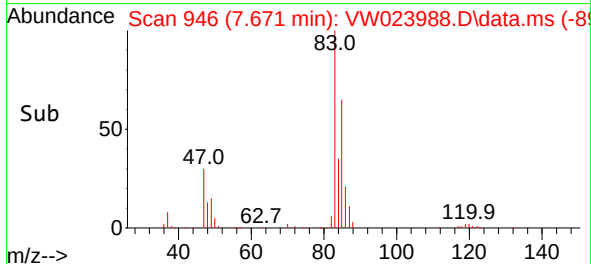
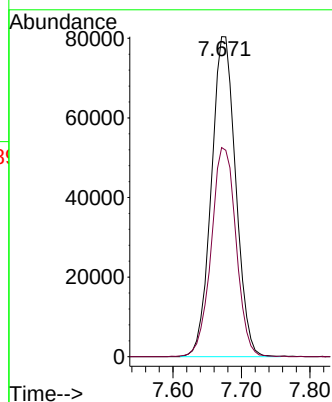
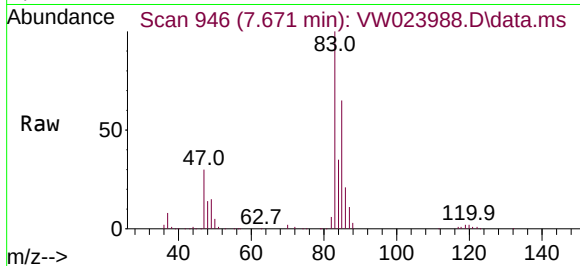




#25
Chloroform
Concen: 26.583 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

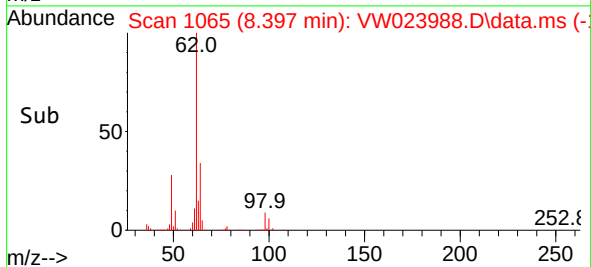
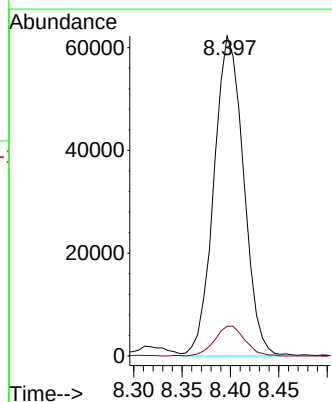
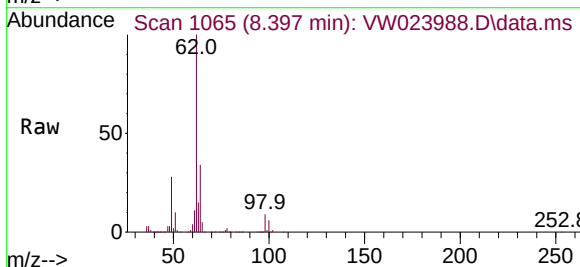
Instrument :
MSVOA_W
ClientSampleId :

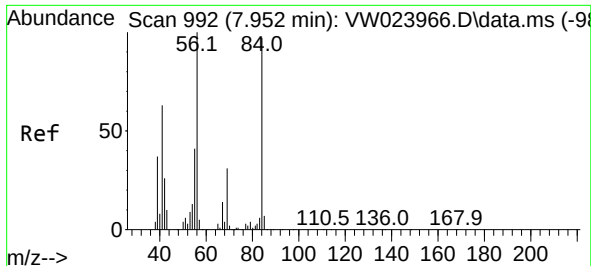
Tgt Ion: 83 Resp: 198323
Ion Ratio Lower Upper
83 100
85 65.3 41.9 77.9



#27
1,2-Dichloroethane
Concen: 24.160 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

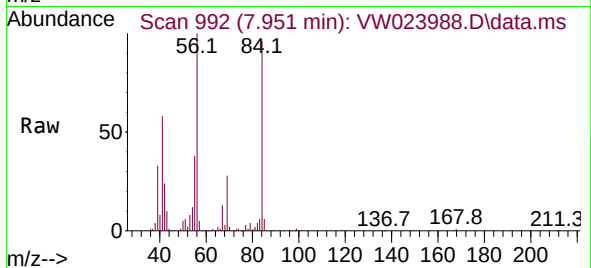
Tgt Ion: 62 Resp: 132661
Ion Ratio Lower Upper
62 100
98 9.3 7.2 10.8



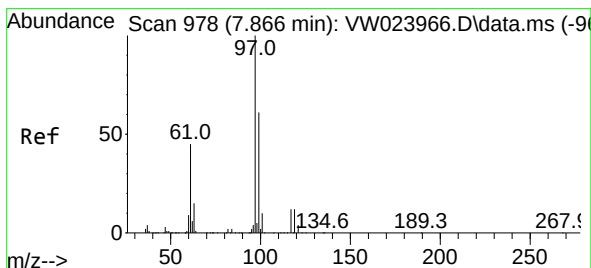
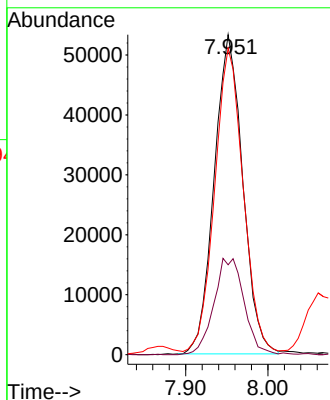
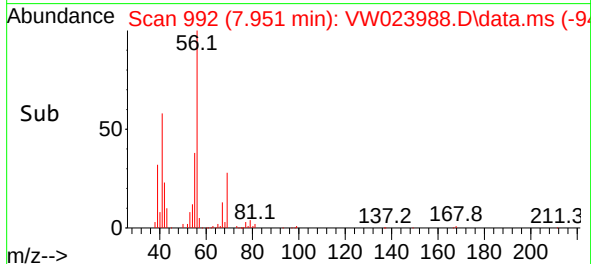


#29
Cyclohexane
Concen: 26.705 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

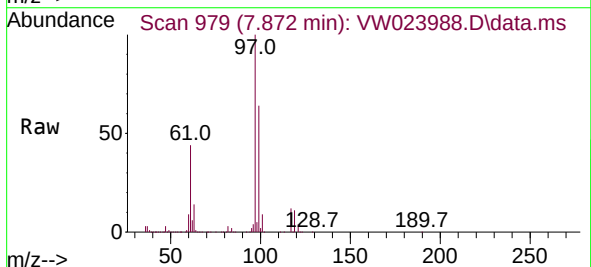
Instrument :
MSVOA_W
ClientSampleId :



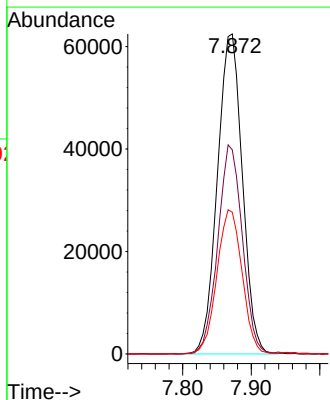
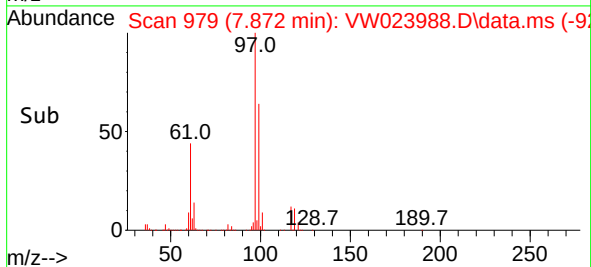
Tgt Ion: 56 Resp: 128594
Ion Ratio Lower Upper
56 100
69 31.8 25.4 38.0
84 96.8 75.0 112.4

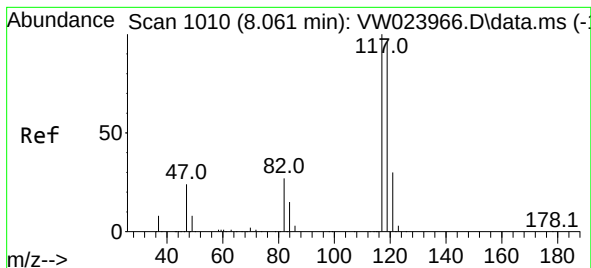


#30
1,1,1-Trichloroethane
Concen: 27.696 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18



Tgt Ion: 97 Resp: 157889
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.6
61 45.4 37.5 56.3

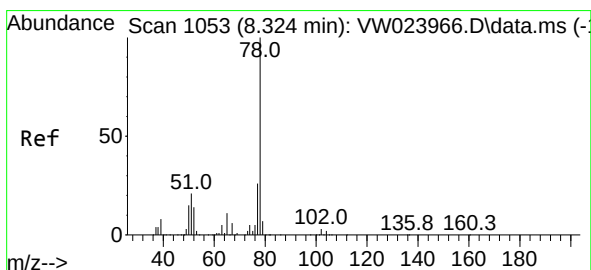
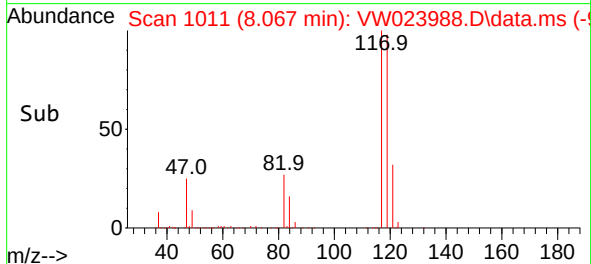
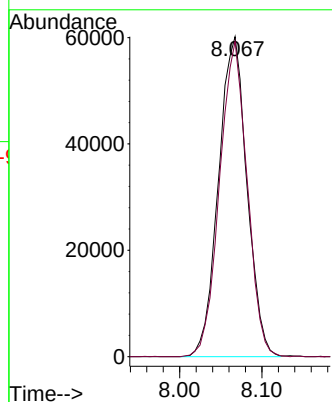
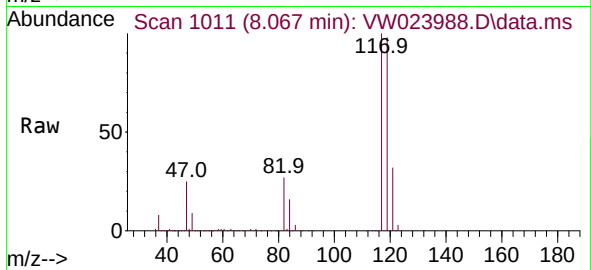




#31
Carbon tetrachloride
Concen: 28.142 ug/L
RT: 8.067 min Scan# 1010
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

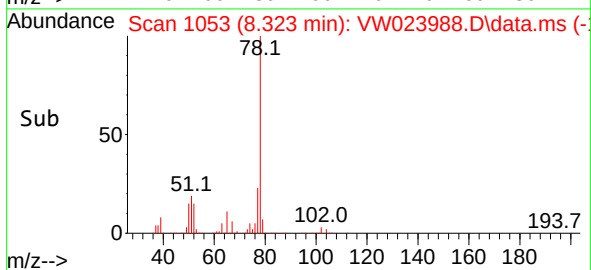
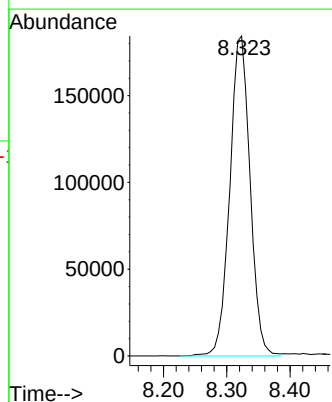
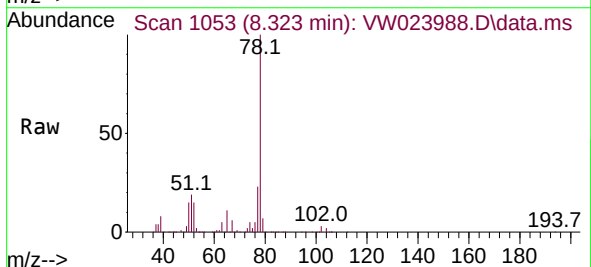
Instrument :
MSVOA_W
ClientSampleId :

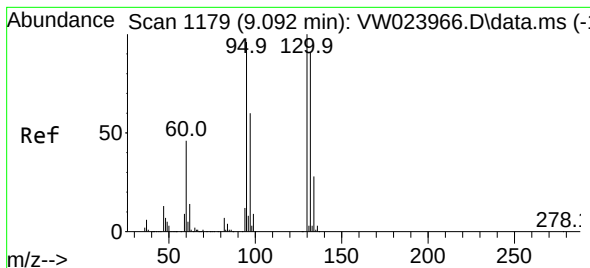
Tgt Ion:117 Resp: 144621
Ion Ratio Lower Upper
117 100
119 95.4 75.7 113.5



#33
Benzene
Concen: 27.490 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 78 Resp: 411295





#34

Trichloroethene

Concen: 26.335 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

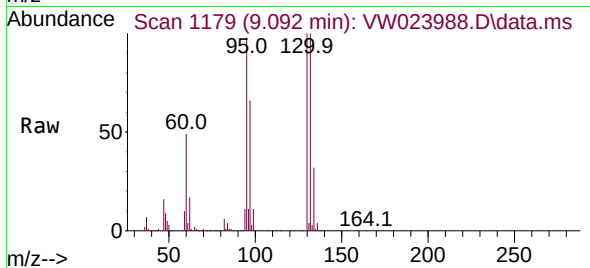
Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 104047

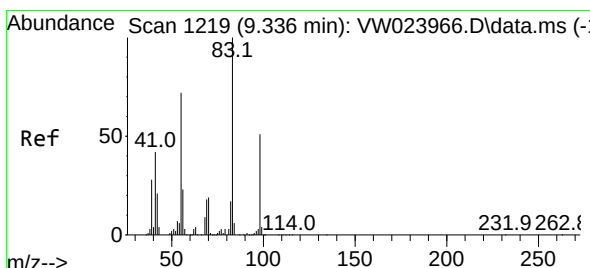
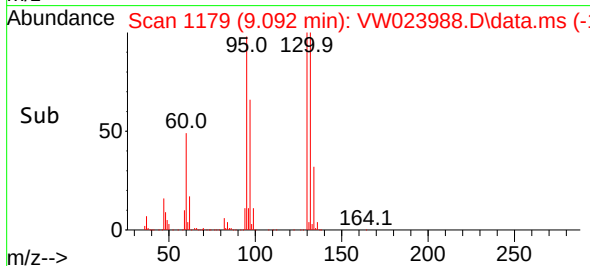
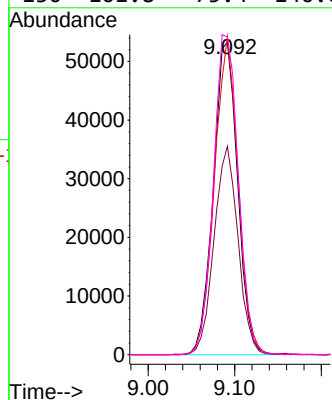
Ion Ratio Lower Upper

95 100

97 66.8 45.6 84.8

132 101.9 69.9 129.7

130 101.8 75.4 140.0



#35

Methylcyclohexane

Concen: 26.922 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

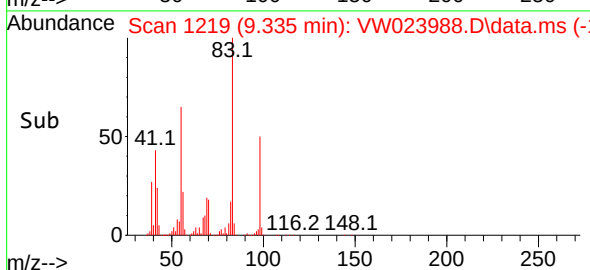
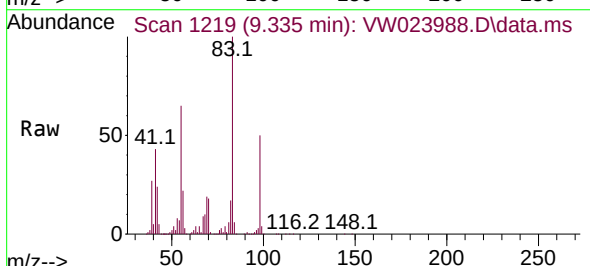
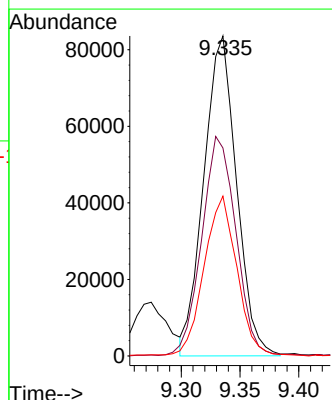
Tgt Ion: 83 Resp: 161967

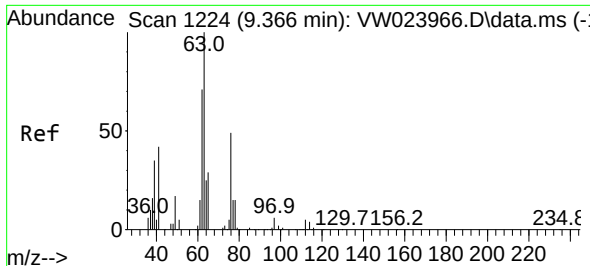
Ion Ratio Lower Upper

83 100

55 71.7 60.8 91.2

98 50.2 39.5 59.3





#37

1,2-Dichloropropane

Concen: 27.817 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

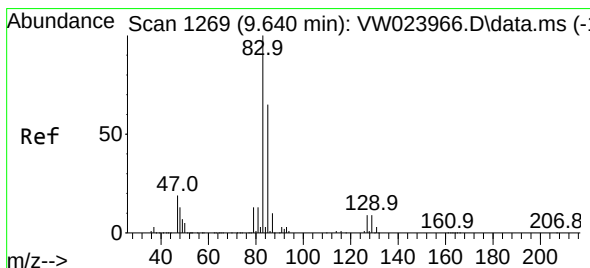
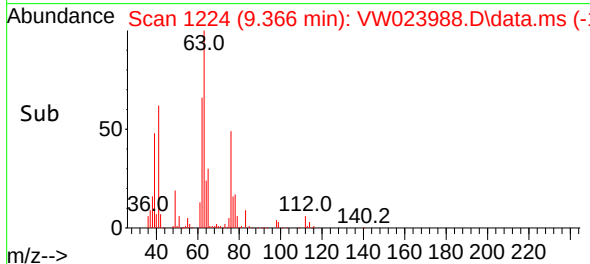
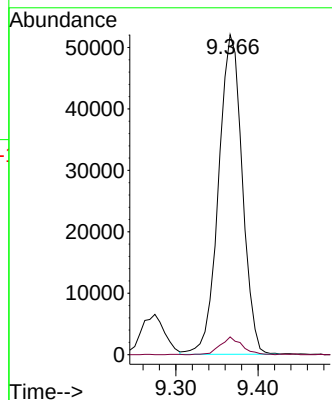
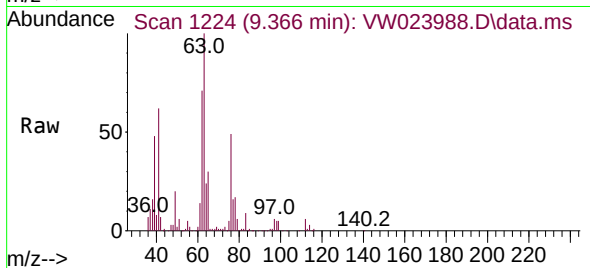
ClientSampleId :

Tgt Ion: 63 Resp: 104342

Ion Ratio Lower Upper

63 100

112 5.1 4.2 6.2



#38

Bromodichloromethane

Concen: 28.268 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

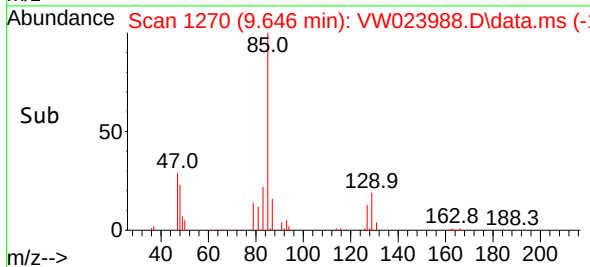
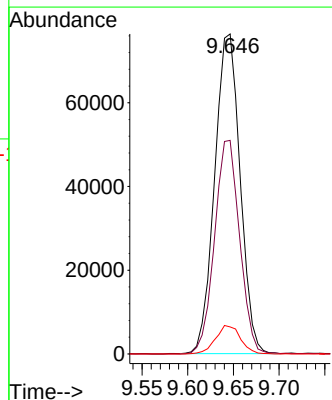
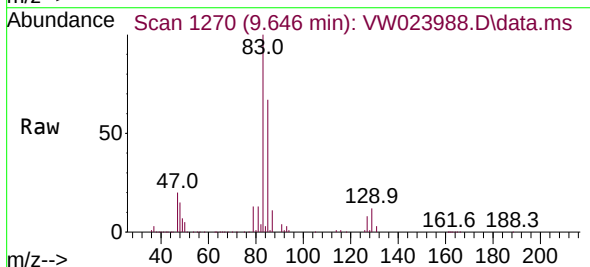
Tgt Ion: 83 Resp: 147986

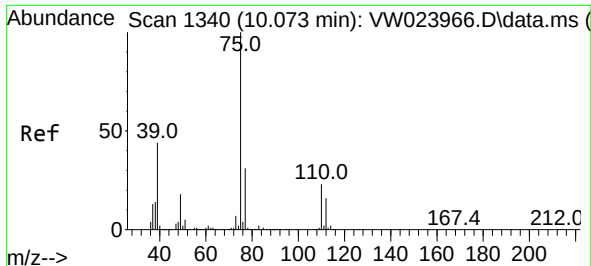
Ion Ratio Lower Upper

83 100

85 66.8 45.5 84.5

127 8.4 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 28.124 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

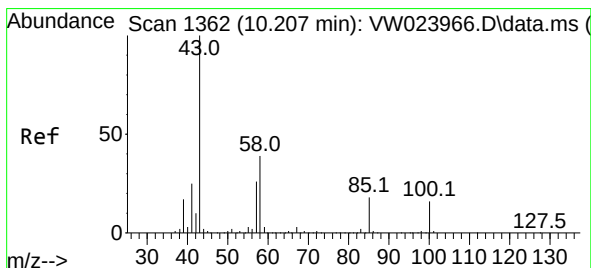
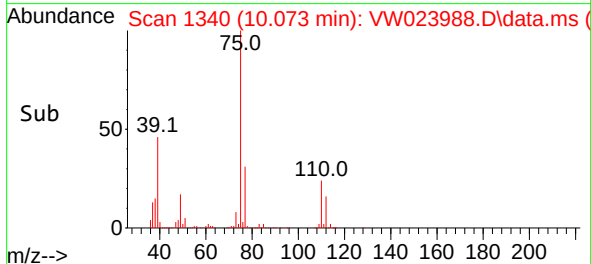
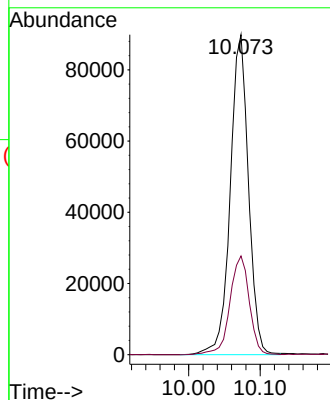
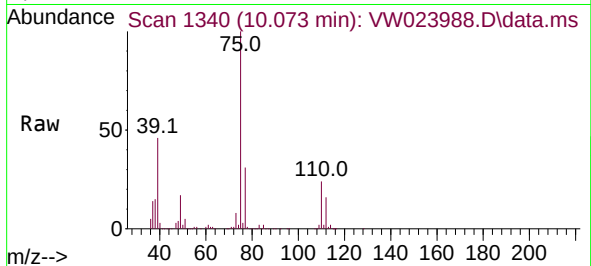
ClientSampleId :

Tgt Ion: 75 Resp: 159001

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 61.365 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

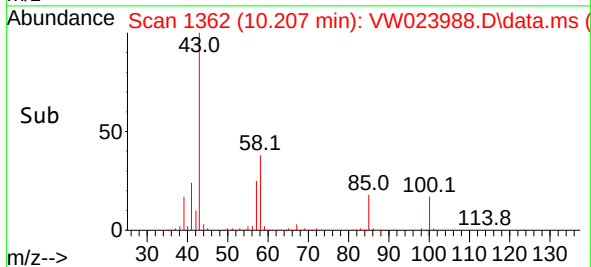
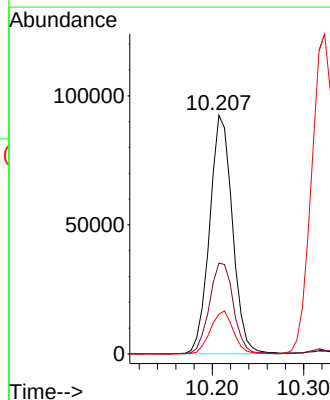
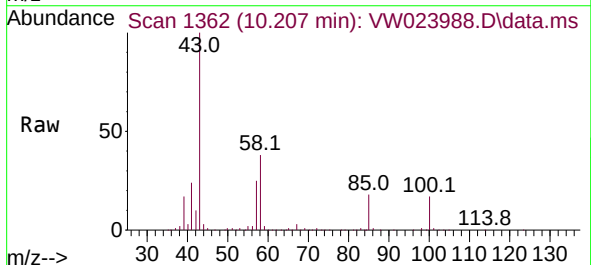
Tgt Ion: 43 Resp: 160176

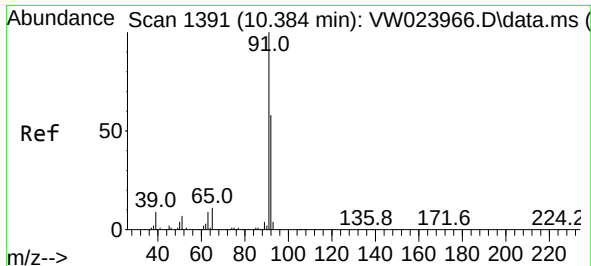
Ion Ratio Lower Upper

43 100

58 40.1 29.8 44.8

100 18.2 13.0 19.4

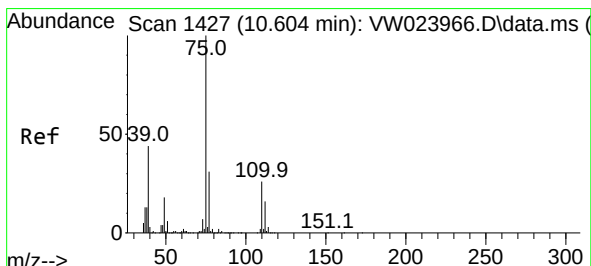
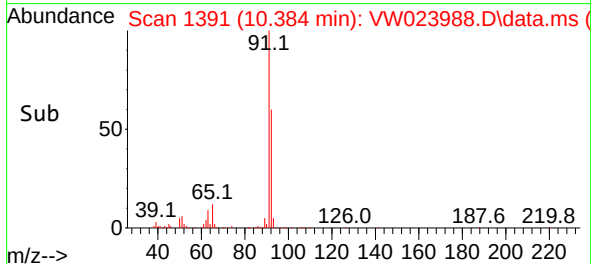
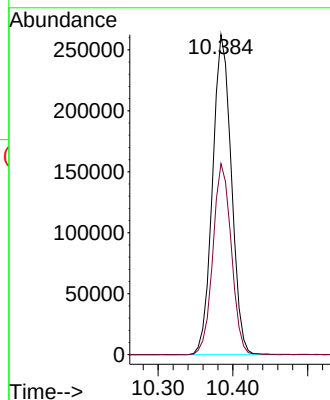
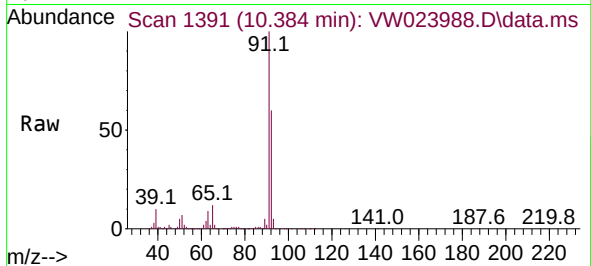




#42
Toluene
Concen: 26.881 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

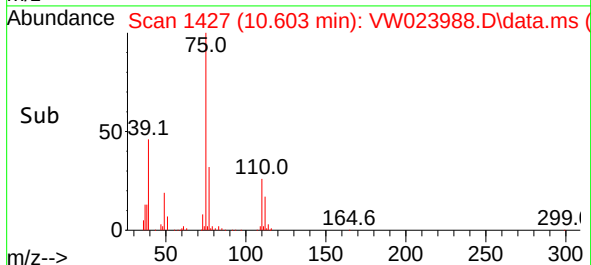
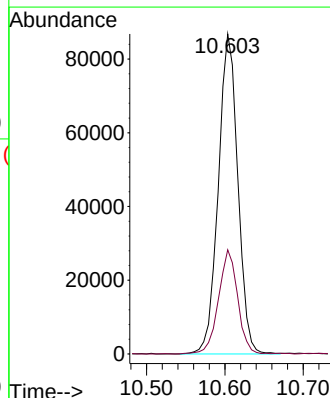
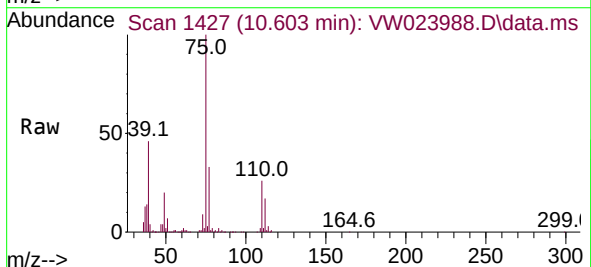
Instrument :
MSVOA_W
ClientSampleId :

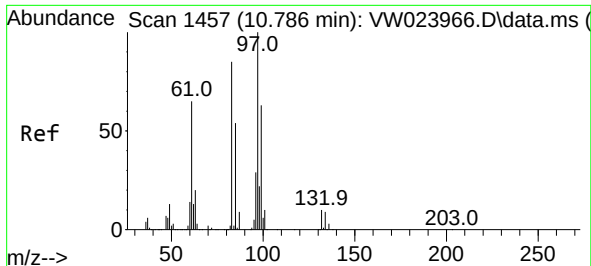
Tgt Ion: 91 Resp: 458679
Ion Ratio Lower Upper
91 100
92 59.7 39.9 74.1



#44
trans-1,3-Dichloropropene
Concen: 28.039 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 75 Resp: 150673
Ion Ratio Lower Upper
75 100
77 32.5 22.0 41.0





#45

1,1,2-Trichloroethane

Concen: 28.512 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

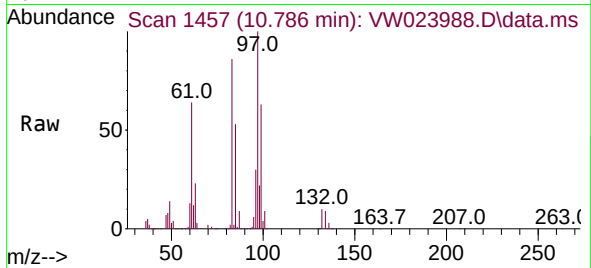
Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 97 Resp: 93515

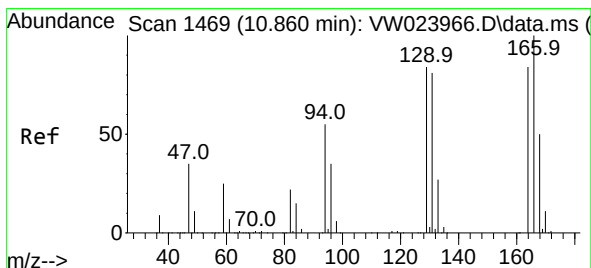
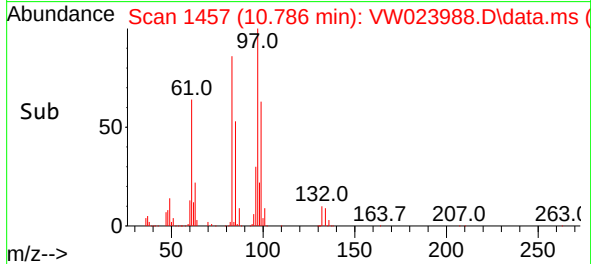
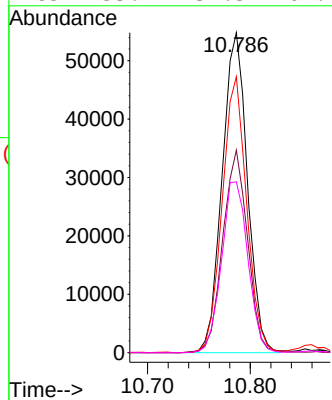
Ion Ratio Lower Upper

97 100

99 63.3 44.2 82.2

83 86.2 59.8 111.0

85 53.4 37.5 69.6



#46

Tetrachloroethene

Concen: 26.592 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Tgt Ion:164 Resp: 81239

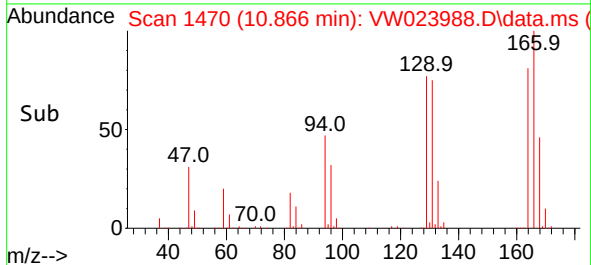
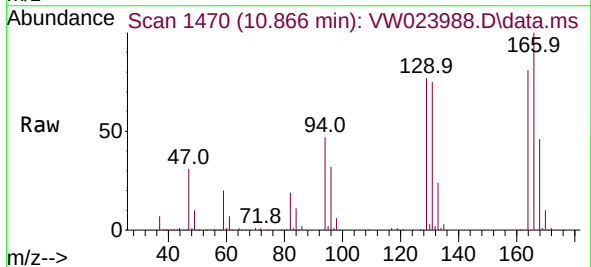
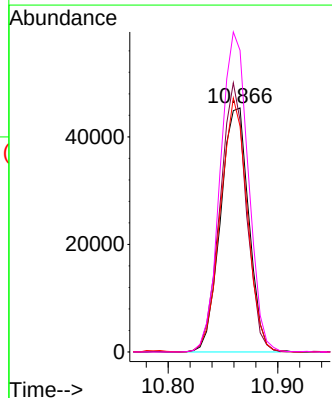
Ion Ratio Lower Upper

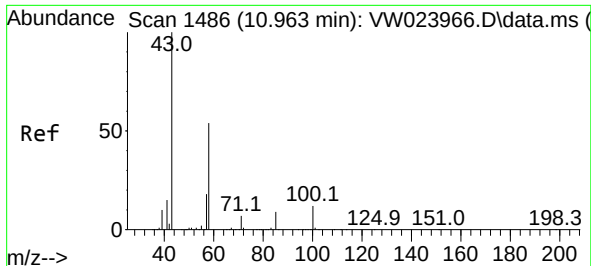
164 100

129 95.0 72.4 134.5

131 92.5 67.8 125.8

166 123.6 88.9 165.1

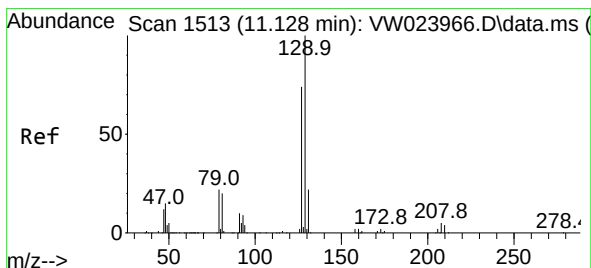
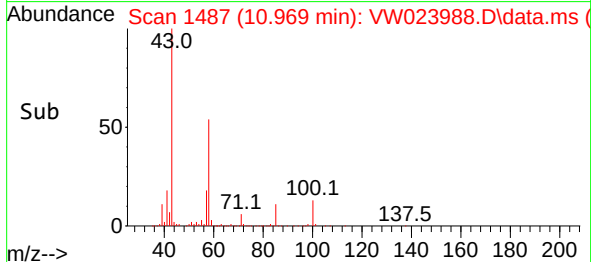
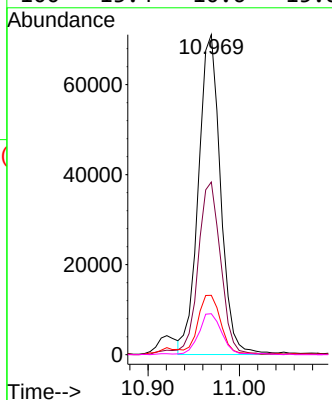
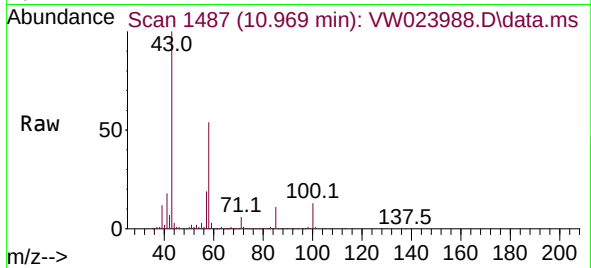




#48
2-Hexanone
Concen: 62.943 ug/L
RT: 10.969 min Scan# 1486
Delta R.T. 0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

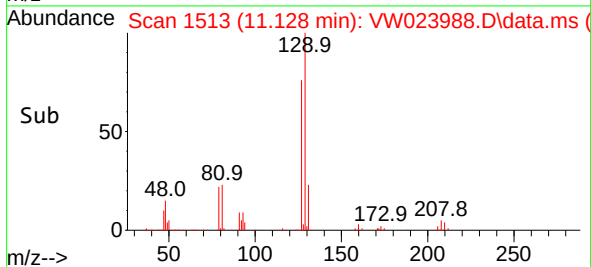
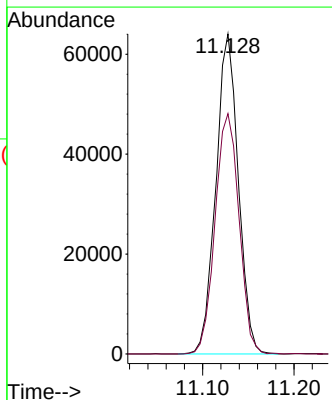
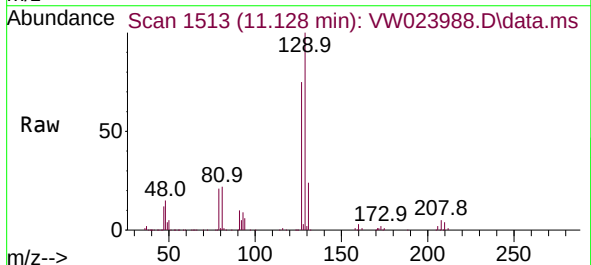
Instrument :
MSVOA_W
ClientSampleId :

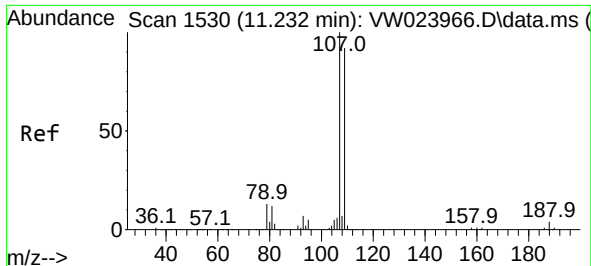
Tgt Ion: 43 Resp: 119618
Ion Ratio Lower Upper
43 100
58 54.7 41.6 62.4
57 19.2 14.6 21.8
100 13.4 10.6 15.8



#49
Dibromochloromethane
Concen: 28.782 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 129 Resp: 109475
Ion Ratio Lower Upper
129 100
127 75.1 53.7 99.7





#50

1,2-Dibromoethane

Concen: 28.637 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023988.D

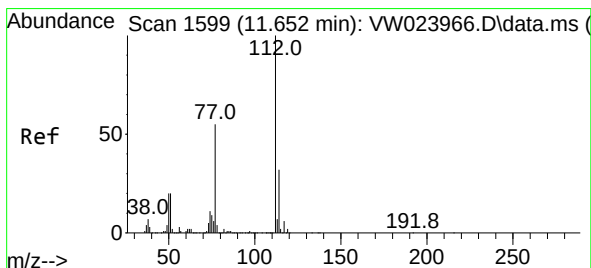
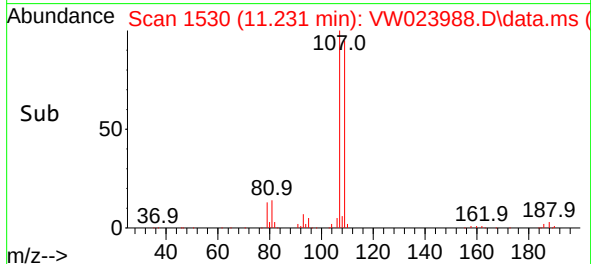
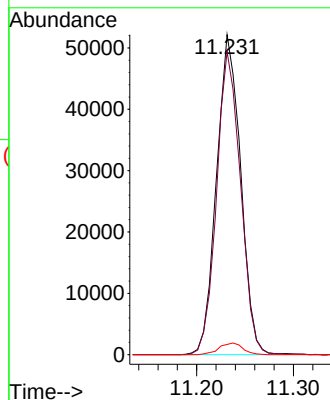
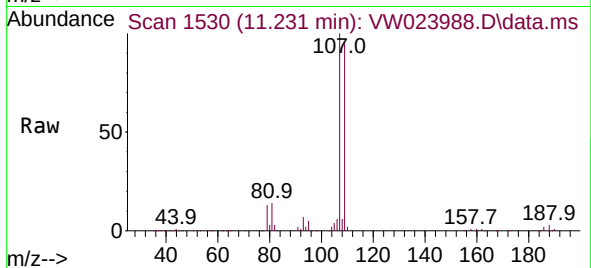
Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	90237
Ion Ratio	Lower	Upper
107	100	
109	94.7	62.4 116.0
188	3.2	2.3 3.5



#51

Chlorobenzene

Concen: 27.084 ug/L

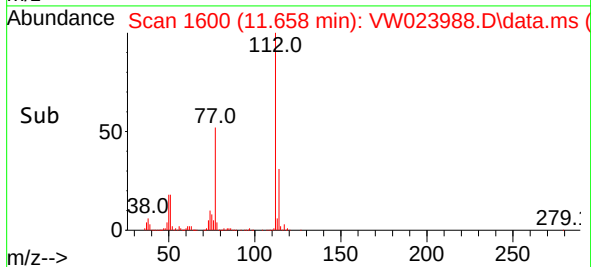
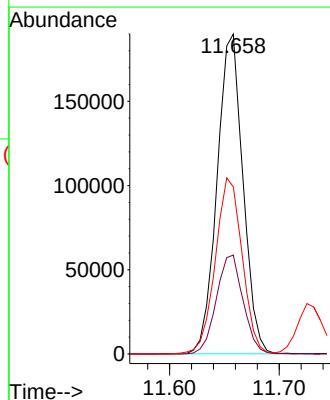
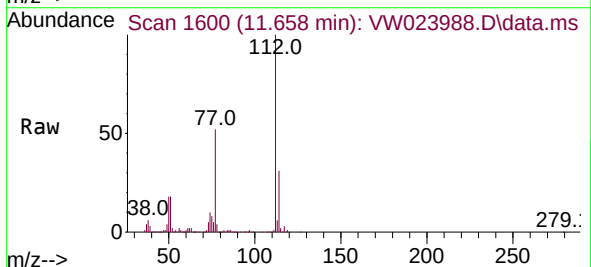
RT: 11.658 min Scan# 1600

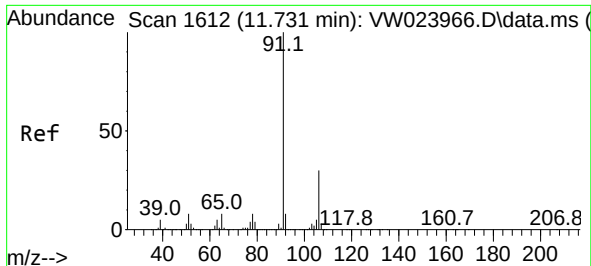
Delta R.T. 0.006 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Tgt Ion:112	Resp:	311678
Ion Ratio	Lower	Upper
112	100	
114	30.9	21.1 39.3
77	52.2	46.6 69.8

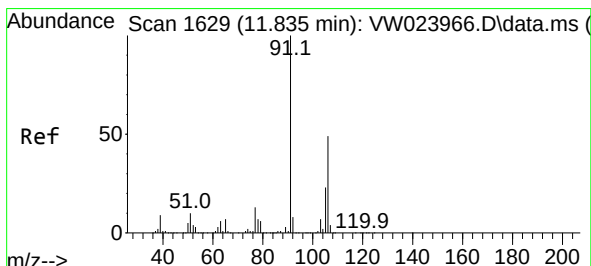
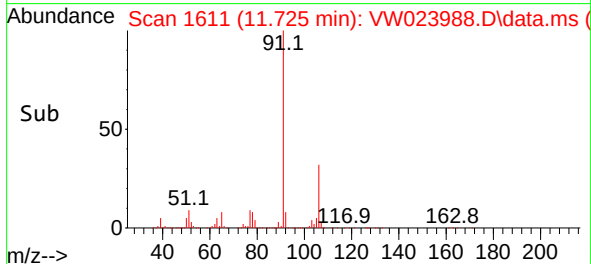
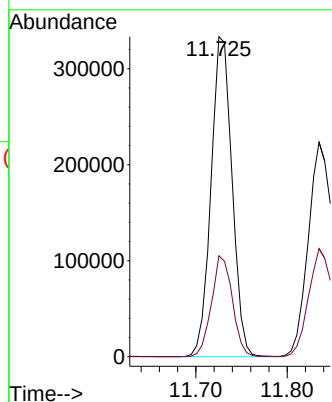
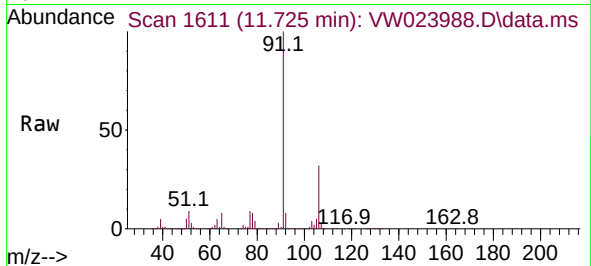




#52
Ethylbenzene
Concen: 27.468 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

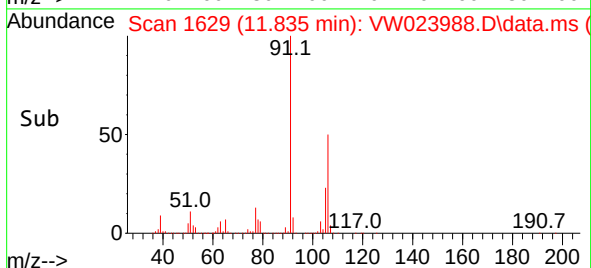
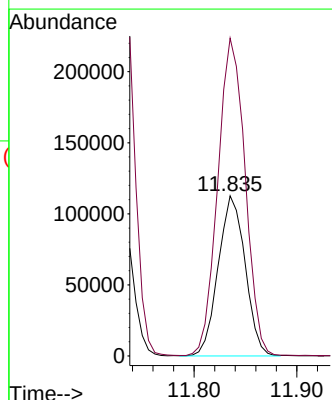
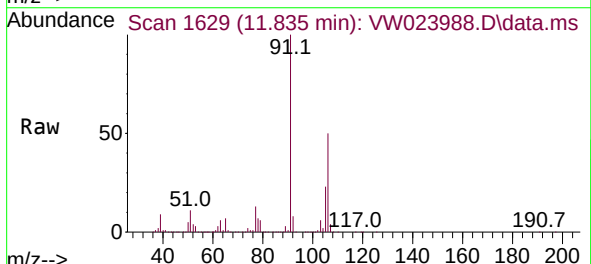
Instrument :
MSVOA_W
ClientSampleId :

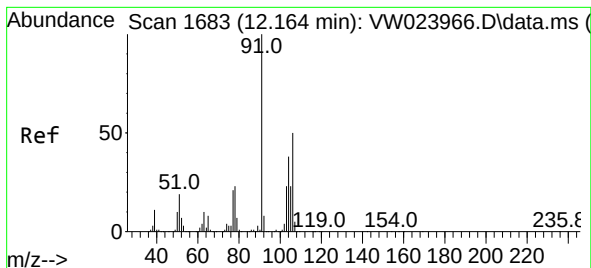
Tgt Ion: 91 Resp: 532604
Ion Ratio Lower Upper
91 100
106 31.5 22.5 41.9



#53
m,p-Xylene
Concen: 27.141 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion: 106 Resp: 205331
Ion Ratio Lower Upper
106 100
91 198.4 142.8 265.2





#54

o-Xylene

Concen: 27.664 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

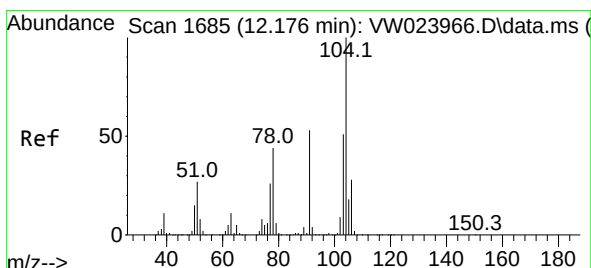
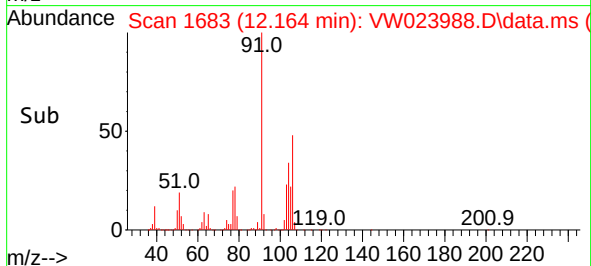
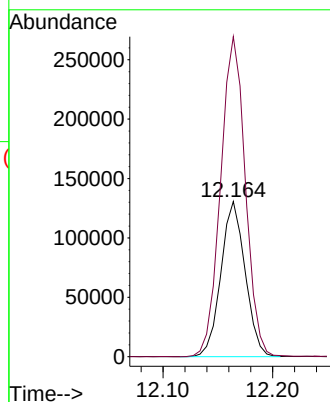
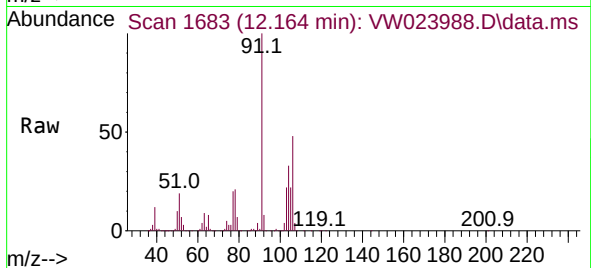
ClientSampleId :

Tgt Ion:106 Resp: 200990

Ion Ratio Lower Upper

106 100

91 206.3 149.6 277.8



#55

Styrene

Concen: 28.310 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VW023988.D

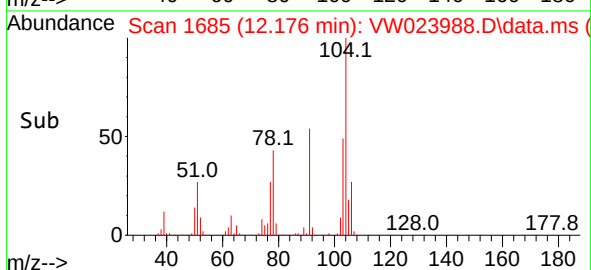
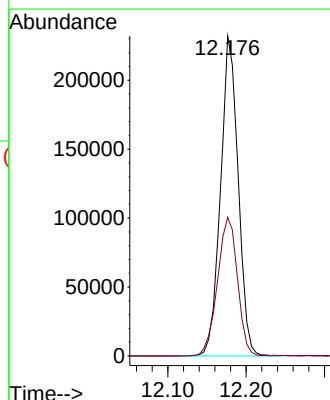
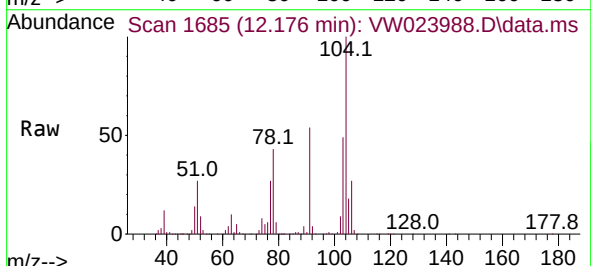
Acq: 21 Jul 2022 19:18

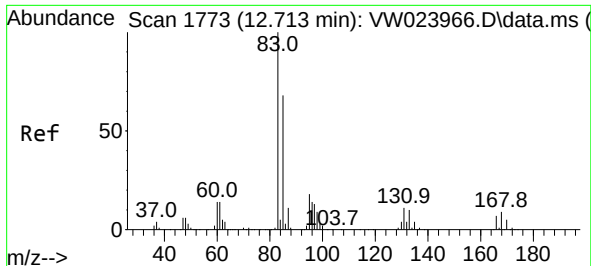
Tgt Ion:104 Resp: 363366

Ion Ratio Lower Upper

104 100

78 43.3 34.3 63.7





#57

1,1,2-Tetrachloroethane

Concen: 29.064 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

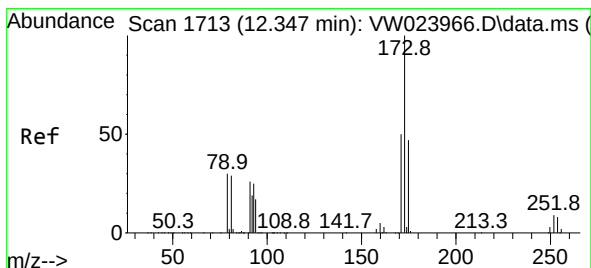
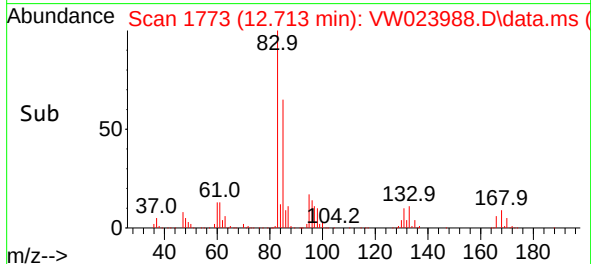
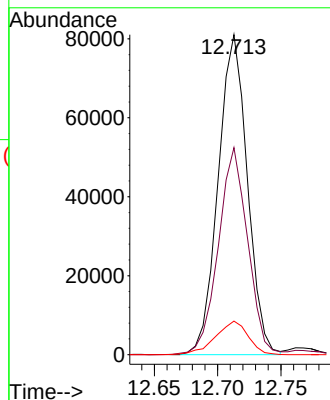
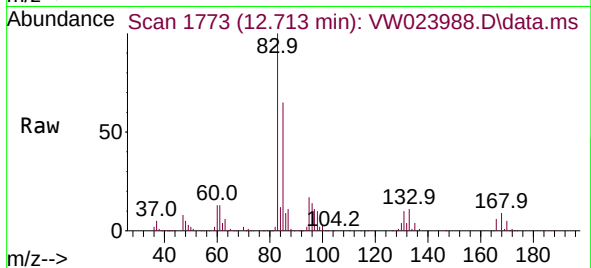
Tgt Ion: 83 Resp: 130025

Ion Ratio Lower Upper

83 100

85 64.7 46.5 86.3

131 10.5 7.4 11.0



#59

Bromoform

Concen: 27.956 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

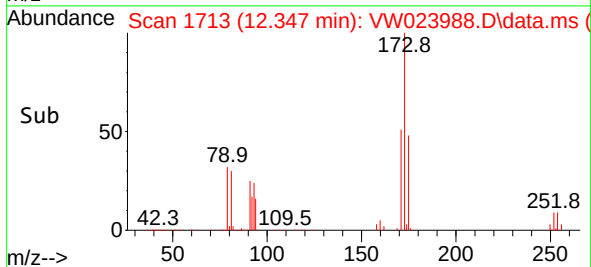
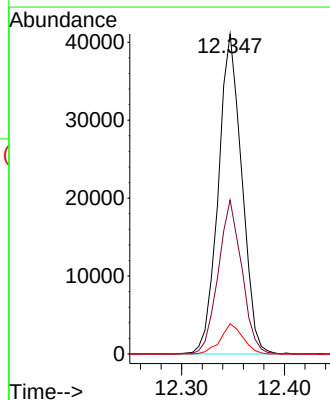
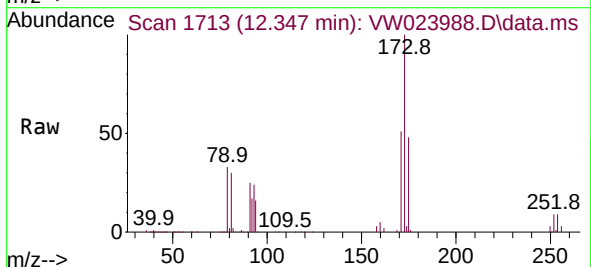
Tgt Ion:173 Resp: 65236

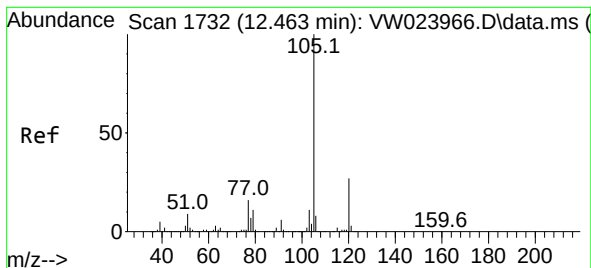
Ion Ratio Lower Upper

173 100

175 48.0 38.9 58.3

254 9.0 5.9 8.9#





#60

Isopropylbenzene

Concen: 25.947 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

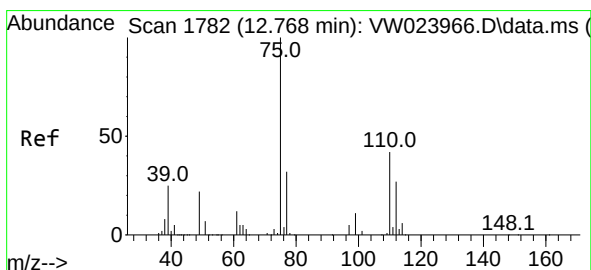
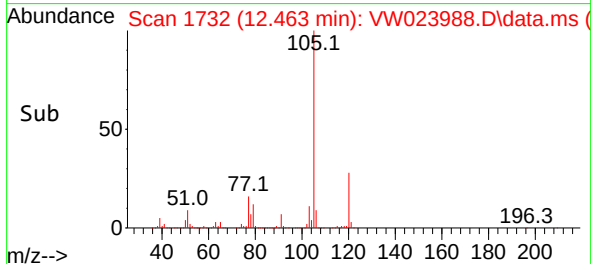
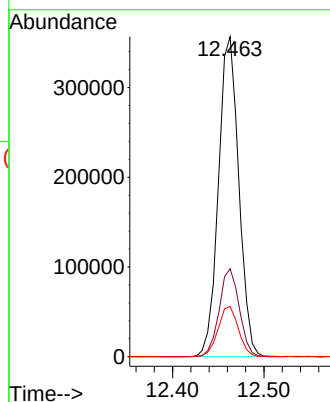
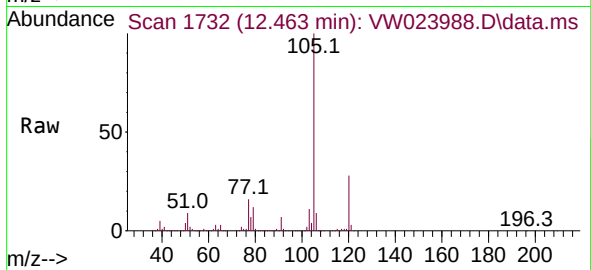
Tgt Ion:105 Resp: 551603

Ion Ratio Lower Upper

105 100

120 27.2 20.7 31.1

77 15.8 13.2 19.8



#61

1,2,3-Trichloropropane

Concen: 26.226 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

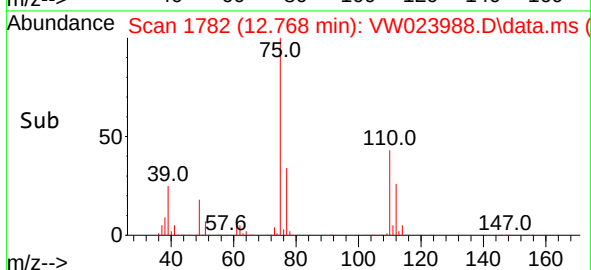
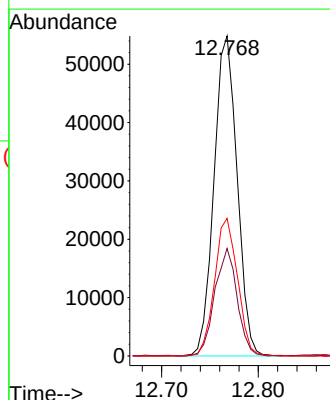
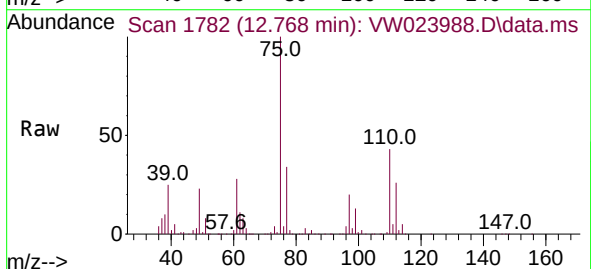
Tgt Ion: 75 Resp: 91007

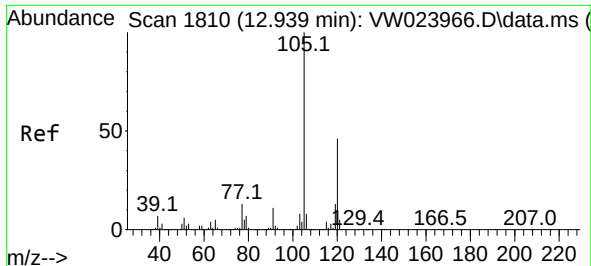
Ion Ratio Lower Upper

75 100

77 32.6 25.0 37.4

110 42.7 31.9 47.9

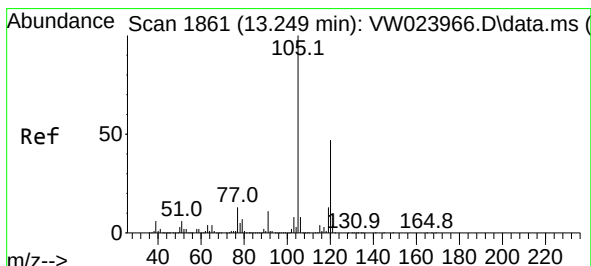
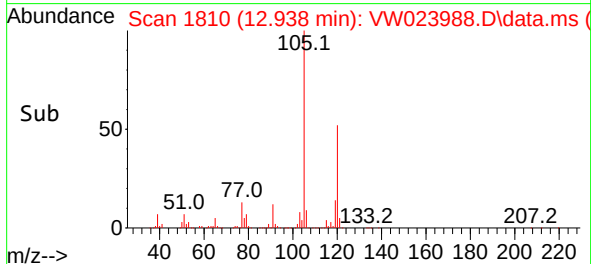
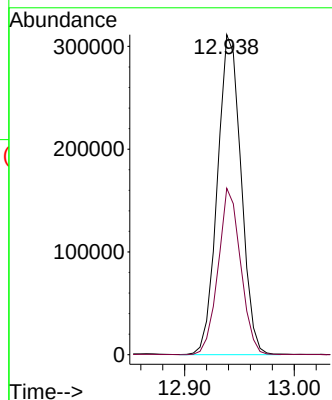
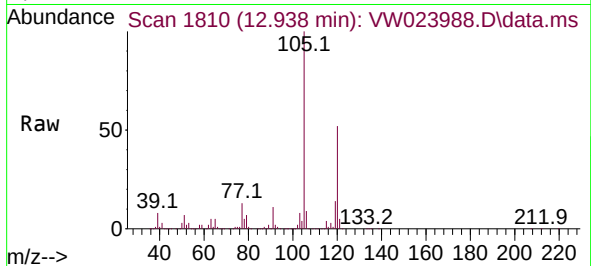




#62
 1,3,5-Trimethylbenzene
 Concen: 26.850 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. -0.000 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

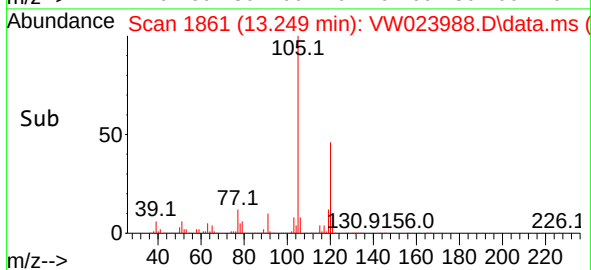
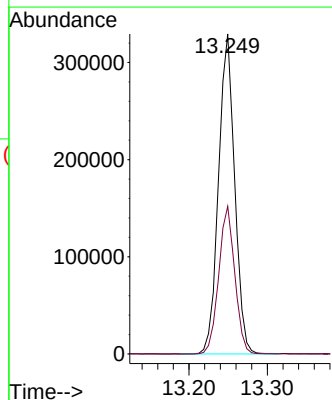
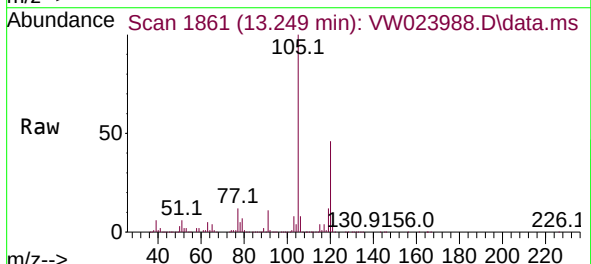
Instrument :
 MSVOA_W
 ClientSampleId :

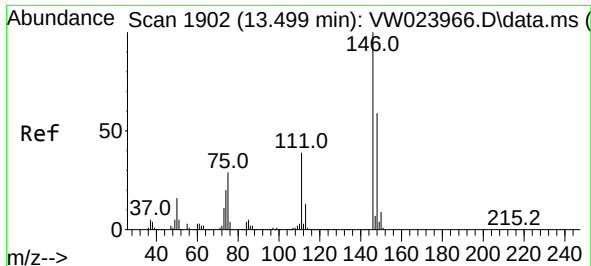
Tgt Ion:105 Resp: 467316
 Ion Ratio Lower Upper
 105 100
 120 49.3 38.7 58.1



#63
 1,2,4-Trimethylbenzene
 Concen: 27.144 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. -0.000 min
 Lab File: VW023988.D
 Acq: 21 Jul 2022 19:18

Tgt Ion:105 Resp: 472334
 Ion Ratio Lower Upper
 105 100
 120 45.9 35.5 53.3

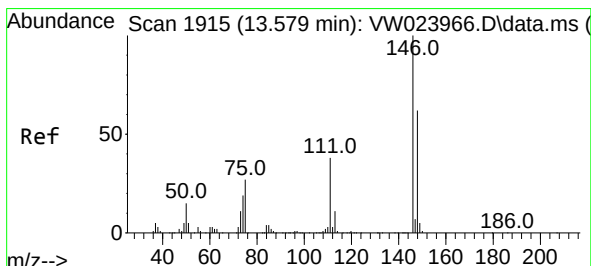
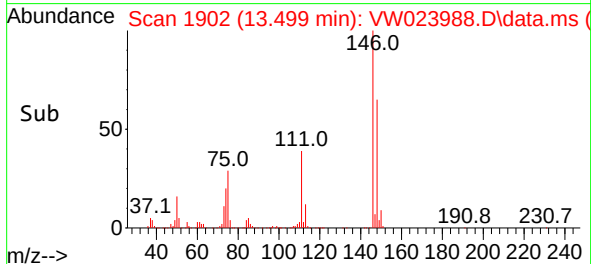
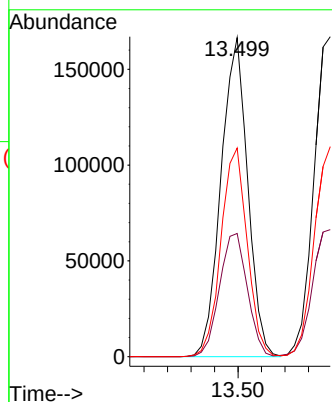
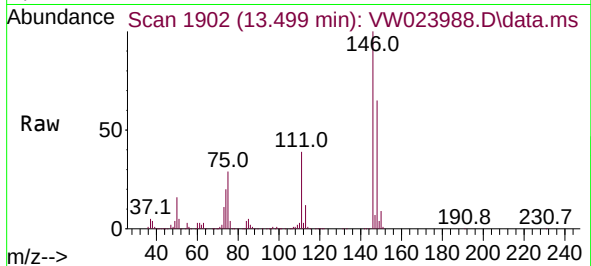




#64
1,3-Dichlorobenzene
Concen: 27.215 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

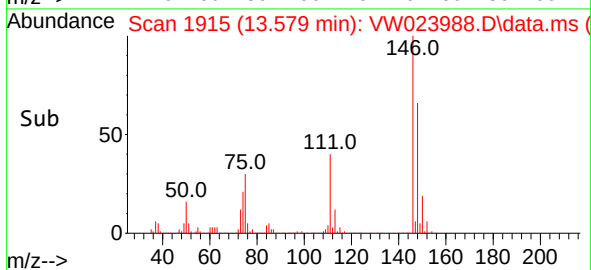
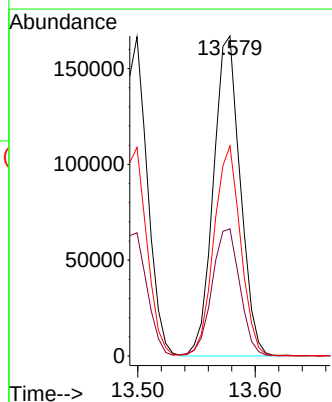
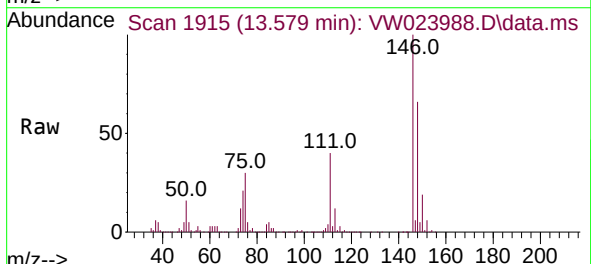
Instrument :
MSVOA_W
ClientSampleId :

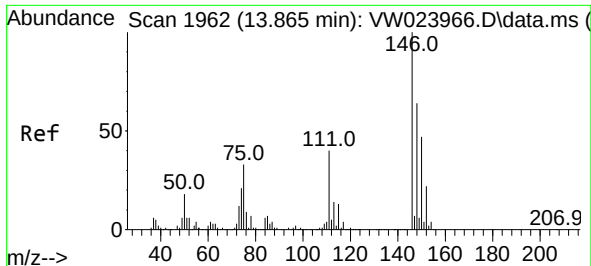
Tgt Ion:146 Resp: 262680
Ion Ratio Lower Upper
146 100
111 38.6 28.6 53.2
148 65.4 41.2 76.4



#65
1,4-Dichlorobenzene
Concen: 25.822 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion:146 Resp: 265161
Ion Ratio Lower Upper
146 100
111 39.7 29.4 54.6
148 65.6 44.4 82.5





#67

1,2-Dichlorobenzene

Concen: 27.839 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

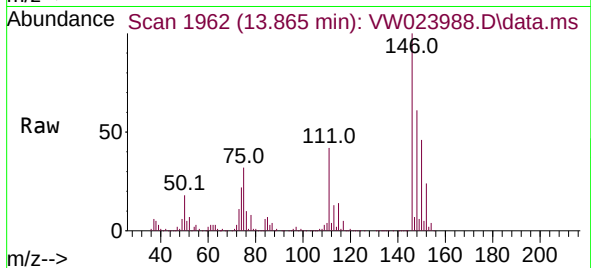
Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :



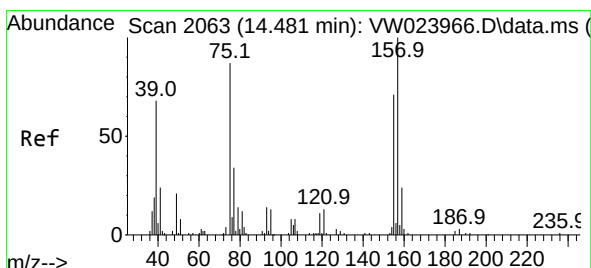
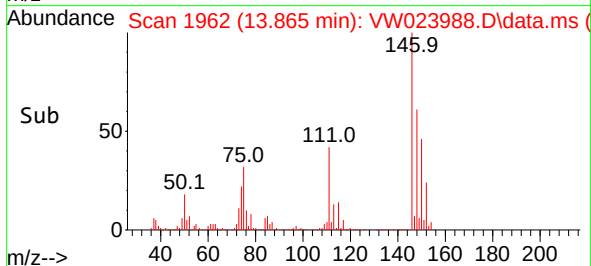
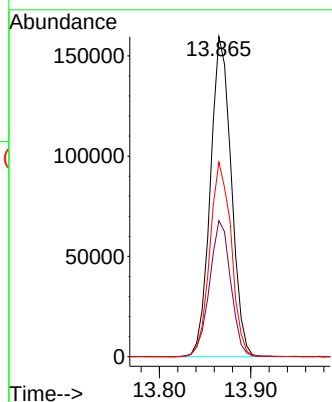
Tgt Ion:146 Resp: 253417

Ion Ratio Lower Upper

146 100

111 42.5 35.9 53.9

148 60.8 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 26.494 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

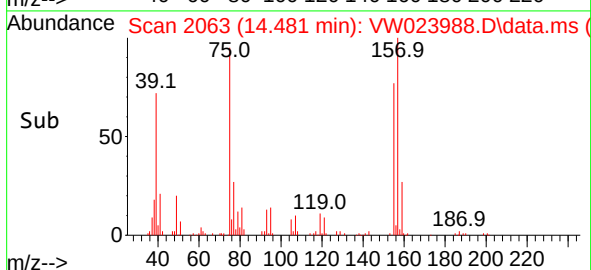
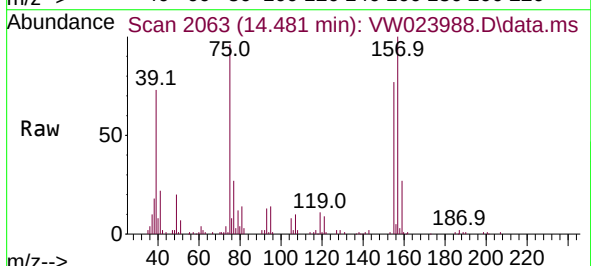
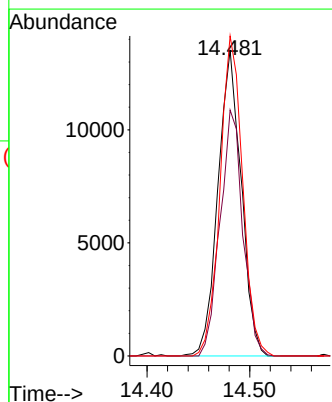
Tgt Ion: 75 Resp: 21205

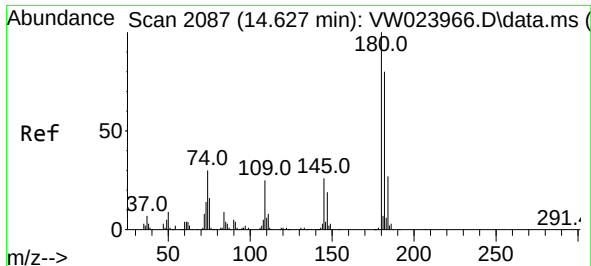
Ion Ratio Lower Upper

75 100

155 80.4 51.7 77.5#

157 104.6 63.5 95.3#

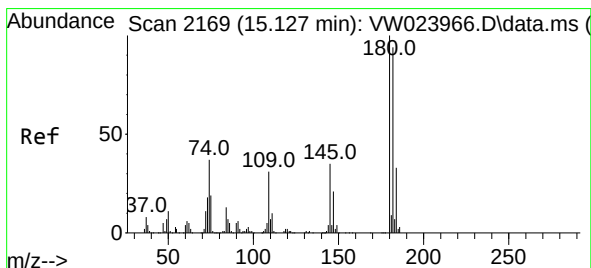
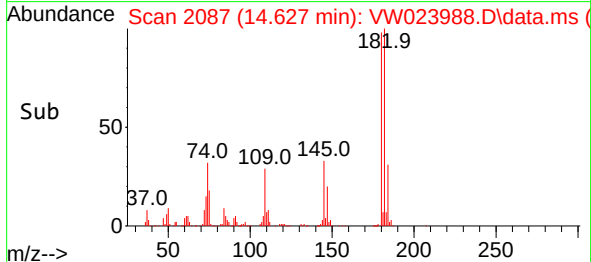
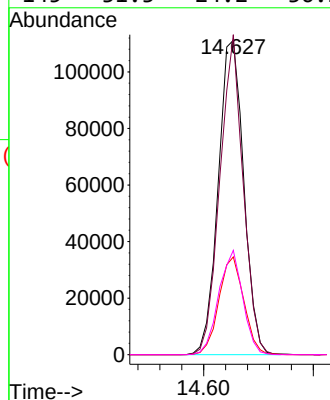
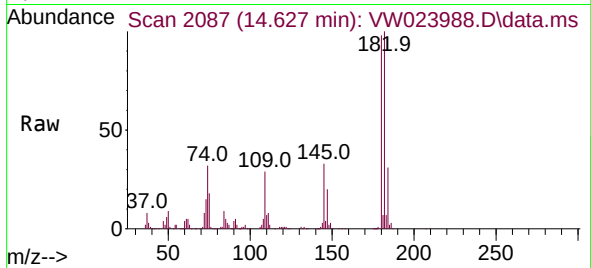




#69
1,3,5-Trichlorobenzene
Concen: 28.053 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

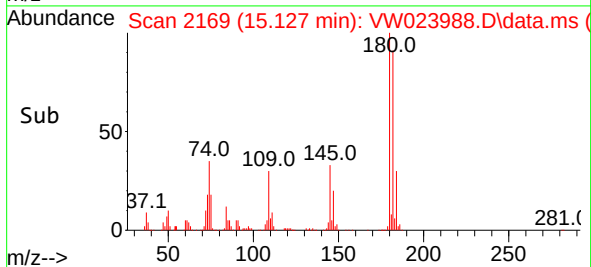
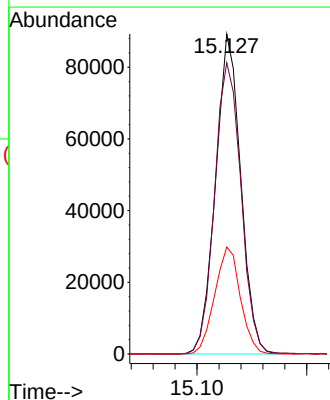
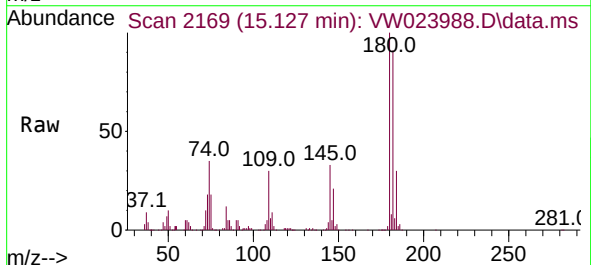
Instrument :
MSVOA_W
ClientSampleId :

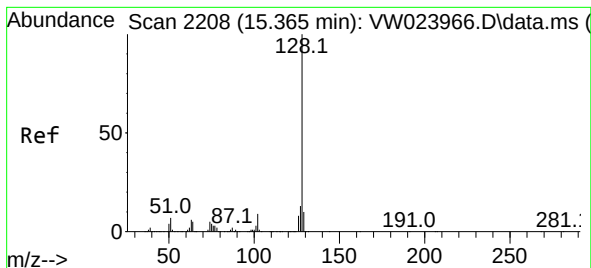
Tgt Ion:180 Resp: 179220
Ion Ratio Lower Upper
180 100
182 92.7 70.2 105.2
184 30.5 22.6 34.0
145 31.3 24.2 36.2



#70
1,2,4-trichlorobenzene
Concen: 28.889 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW023988.D
Acq: 21 Jul 2022 19:18

Tgt Ion:180 Resp: 142514
Ion Ratio Lower Upper
180 100
182 95.5 77.5 116.3
145 34.0 26.3 39.5





#71

Naphthalene

Concen: 31.395 ug/L

RT: 15.359 min Scan# 2207

Delta R.T. -0.006 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Instrument :

MSVOA_W

ClientSampleId :

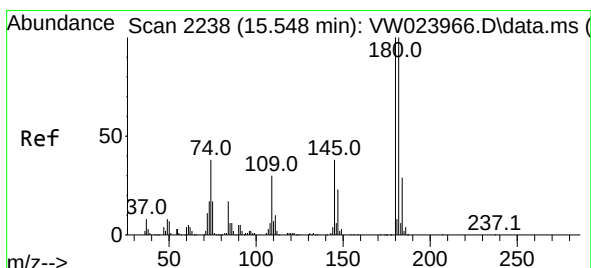
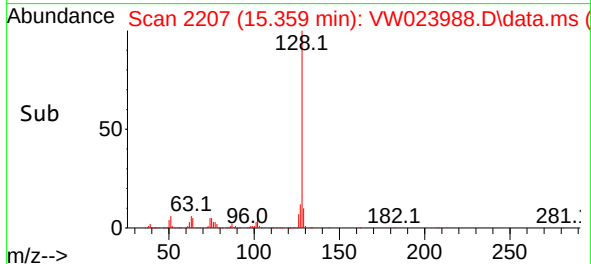
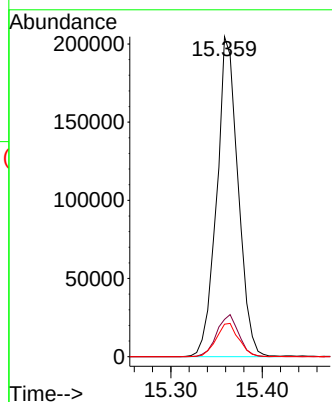
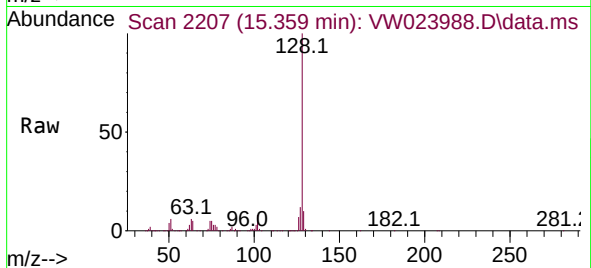
Tgt Ion:128 Resp: 332228

Ion Ratio Lower Upper

128 100

127 13.5 11.0 16.4

129 11.0 9.0 13.4



#72

1,2,3-Trichlorobenzene

Concen: 29.219 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VW023988.D

Acq: 21 Jul 2022 19:18

Tgt Ion:180 Resp: 134351

Ion Ratio Lower Upper

180 100

182 91.3 76.3 114.5

145 33.8 27.8 41.6

