

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022479.D
 Acq On : 11 Apr 2022 13:36
 Operator : SY/VA
 Sample : N2293-23MS
 Misc : 6.51g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	171775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.633	117	167449	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	88302	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	62592	16.483	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.920%
7) Chloroethane-d5	2.891	69	55410	23.282	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.120%
11) 1,1-Dichloroethene-d2	4.019	63	104418	21.200	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.800%
21) 2-Butanone-d5	7.079	46	34426	51.926	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.860%
24) Chloroform-d	7.652	84	125759	23.423	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.680%
26) 1,2-Dichloroethane-d4	8.311	65	69693	22.718	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.880%
32) Benzene-d6	8.280	84	215688	21.083	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	84.320%
36) 1,2-Dichloropropane-d6	9.274	67	66381	22.422	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.680%
41) Toluene-d8	10.323	98	204725	20.432	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	10.579	79	29578	21.169	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.680%
47) 2-Hexanone-d5	10.920	63	27681	50.254	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.500%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62455	24.810	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.240%
66) 1,2-Dichlorobenzene-d4	13.846	152	74346	23.770	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.080%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	4688	5.567	ug/L #	82
3) Chloromethane	2.220	50	40917	19.490	ug/L	96
5) Vinyl chloride	2.367	62	82052	18.730	ug/L	93
6) Bromomethane	2.787	94	53746	20.183	ug/L	98
8) Chloroethane	2.922	64	49047	25.574	ug/L	99
9) Trichlorofluoromethane	3.263	101	81885	50.631	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.074	101	57859	22.467	ug/L	97
12) 1,1-Dichloroethene	4.037	96	52800	22.829	ug/L	91
13) Acetone	4.129	43	37973	84.123	ug/L	97
14) Carbon disulfide	4.385	76	159569	20.972	ug/L	98
15) Methyl Acetate	4.677	43	24990	22.061	ug/L	98
16) Methylene chloride	4.927	84	58523	22.642	ug/L	81
17) trans-1,2-Dichloroethene	5.433	96	58727	21.675	ug/L	94
18) Methyl tert-butyl Ether	5.433	73	131896	29.808	ug/L #	87
19) 1,1-Dichloroethane	6.220	63	104505	21.139	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	66687	23.305	ug/L #	82
22) 2-Butanone	7.171	43	38454	56.404	ug/L	95
23) Bromochloromethane	7.518	128	29242	23.745	ug/L	88
25) Chloroform	7.677	83	114454	21.981	ug/L	98

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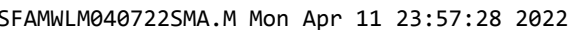
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 ClientSampleId :

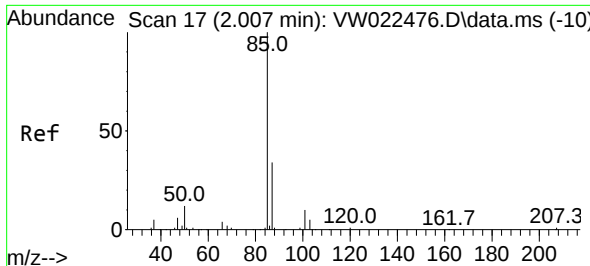
Quant Time: Apr 11 23:57:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Apr 11 23:55:29 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.402	62	78132	21.350	ug/L	96
29) Cyclohexane	7.957	56	93572	19.525	ug/L	95
30) 1,1,1-Trichloroethane	7.878	97	105516	22.716	ug/L	99
31) Carbon tetrachloride	8.073	117	93034	22.316	ug/L	99
33) Benzene	8.323	78	587319	51.661	ug/L	100
34) Trichloroethene	9.091	95	66914	21.982	ug/L	92
35) Methylcyclohexane	9.335	83	114722	21.006	ug/L	97
37) 1,2-Dichloropropane	9.372	63	55853	20.507	ug/L	99
38) Bromodichloromethane	9.646	83	84665	21.617	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	92024	21.293	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	71879	43.245	ug/L	94
42) Toluene	10.384	91	420794	32.301	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	80414	20.780	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	48302	23.238	ug/L	97
46) Tetrachloroethene	10.859	164	48361	21.613	ug/L	88
48) 2-Hexanone	10.969	43	55610	47.424	ug/L	97
49) Dibromochloromethane	11.127	129	57977	23.387	ug/L	99
50) 1,2-Dibromoethane	11.237	107	45791	22.310	ug/L	97
51) Chlorobenzene	11.658	112	2136536	268.381	ug/L	96
52) Ethylbenzene	11.731	91	312376	21.393	ug/L	97
53) m,p-Xylene	11.841	106	125288	22.566	ug/L	88
54) o-Xylene	12.164	106	119837	22.587	ug/L	92
55) Styrene	12.182	104	191787	21.158	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.713	83	55837	21.886	ug/L	100
59) Bromoform	12.347	173	28077	21.398	ug/L	100
60) Isopropylbenzene	12.463	105	316639	21.587	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	41778	22.242	ug/L	95
62) 1,3,5-Trimethylbenzene	12.938	105	173833	21.549	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	269078	21.935	ug/L	96
64) 1,3-Dichlorobenzene	13.493	146	129889	21.819	ug/L	96
65) 1,4-Dichlorobenzene	13.578	146	130957	22.057	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	116521	21.886	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.480	75	9844	22.597	ug/L	86
69) 1,3,5-Trichlorobenzene	14.627	180	84442	21.740	ug/L	94
70) 1,2,4-trichlorobenzene	15.127	180	63359	19.423	ug/L	94
71) Naphthalene	15.358	128	128876	18.731	ug/L	99
72) 1,2,3-Trichlorobenzene	15.553	180	51565	18.493	ug/L	97

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

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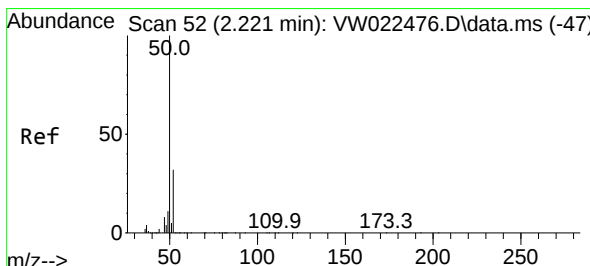
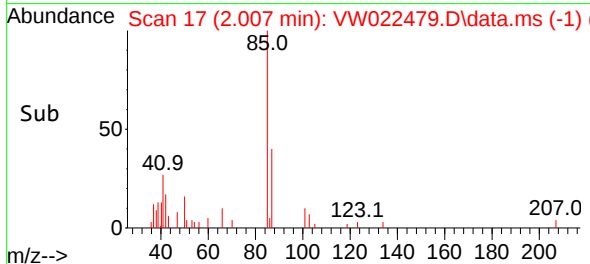
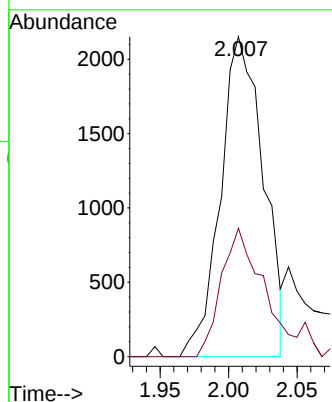
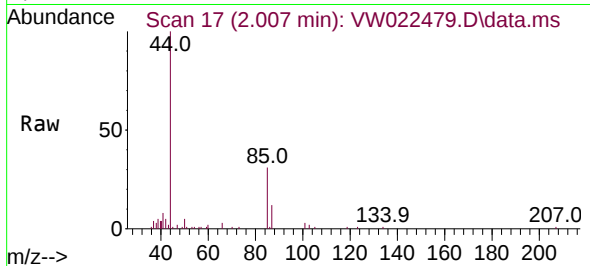




#2
 Dichlorodifluoromethane
 Concen: 5.567 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36

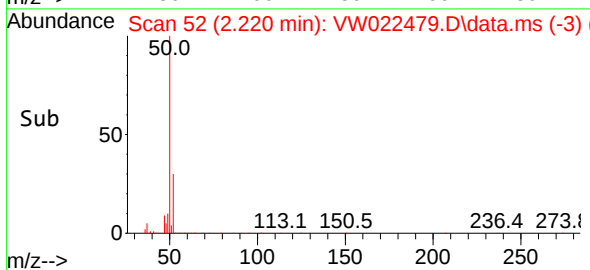
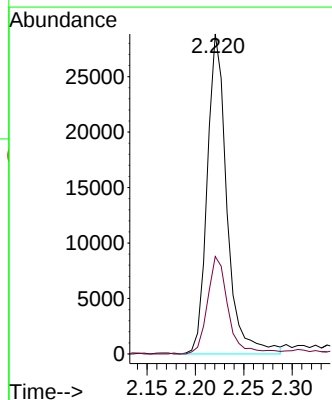
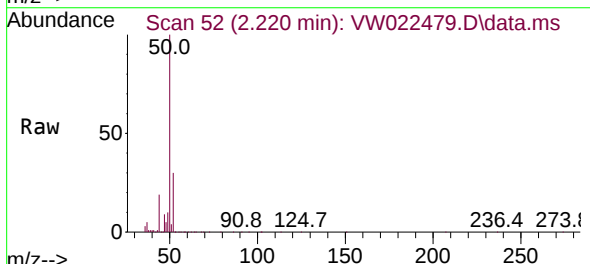
Instrument :
 MSVOA_W
 ClientSampleId :

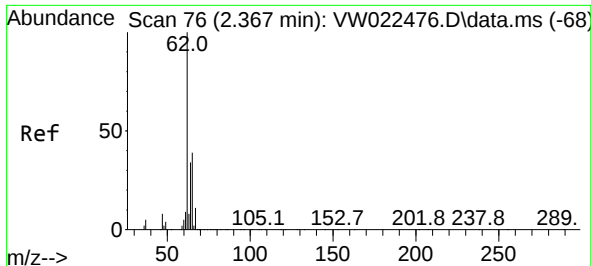
Tgt Ion: 85 Resp: 4688
 Ion Ratio Lower Upper
 85 100
 87 39.4 23.7 35.5#



#3
 Chloromethane
 Concen: 19.490 ug/L
 RT: 2.220 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36

Tgt Ion: 50 Resp: 40917
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.0 42.6

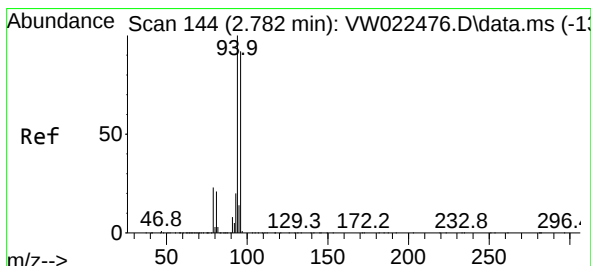
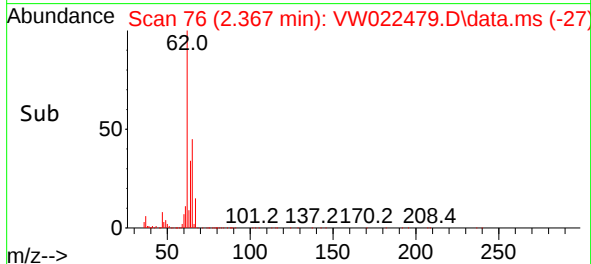
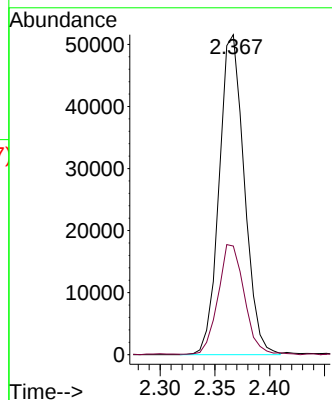
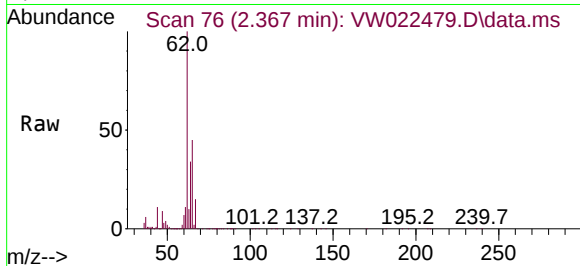




#5
 Vinyl chloride
 Concen: 18.730 ug/L
 RT: 2.367 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36

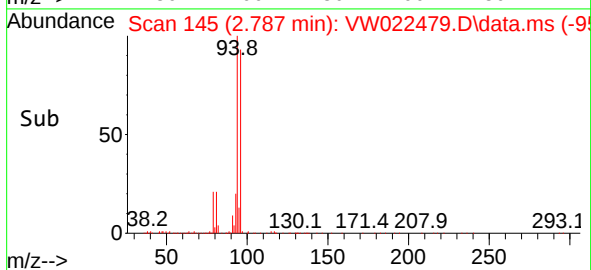
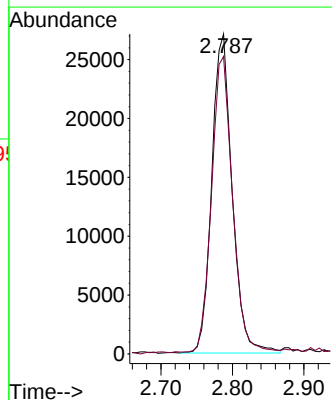
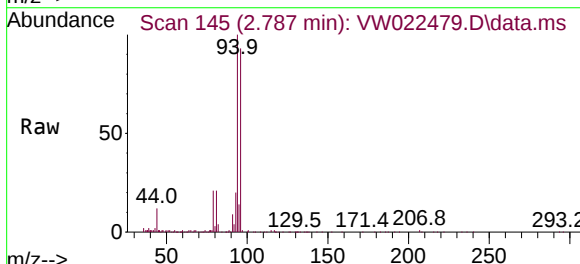
Instrument :
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 ClientSampleId :

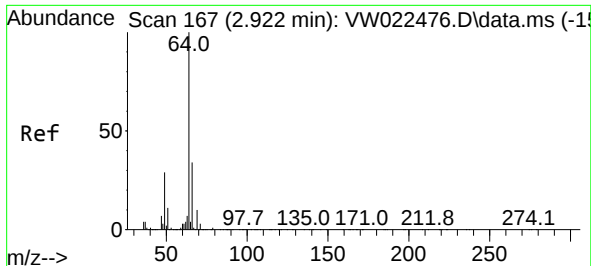
Tgt Ion: 62 Resp: 82052
 Ion Ratio Lower Upper
 62 100
 64 33.9 26.5 49.3



#6
 Bromomethane
 Concen: 20.183 ug/L
 RT: 2.787 min Scan# 145
 Delta R.T. 0.006 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36

Tgt Ion: 94 Resp: 53746
 Ion Ratio Lower Upper
 94 100
 96 93.0 66.6 123.6

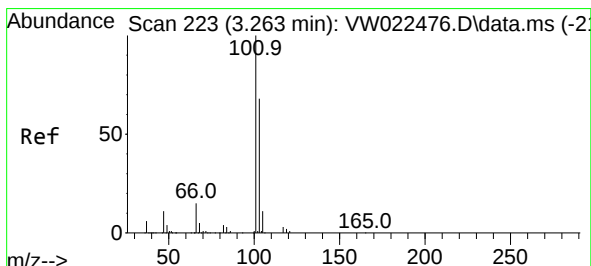
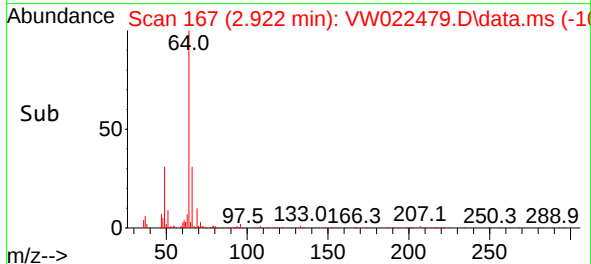
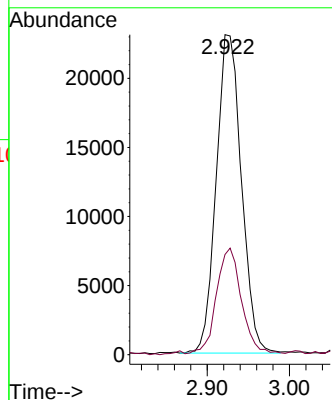
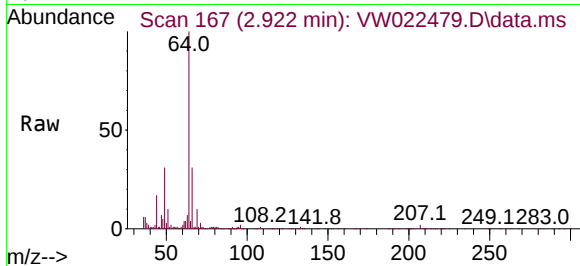




#8
Chloroethane
Concen: 25.574 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

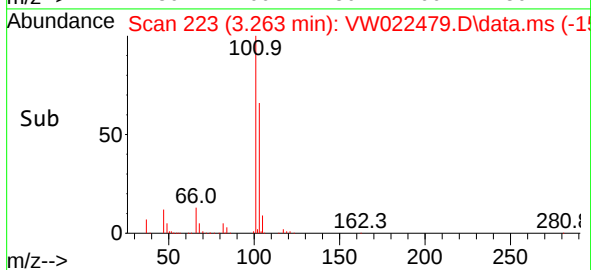
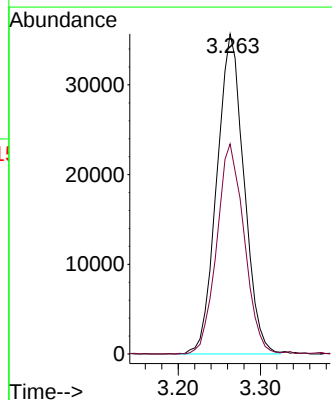
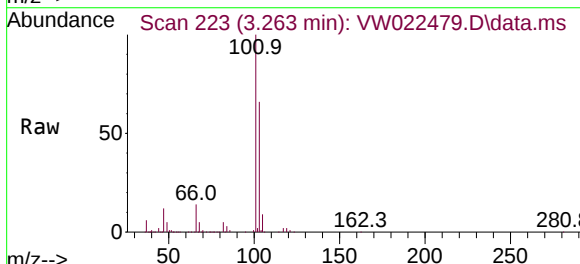
Instrument :
MSVOA_W
ClientSampleId :

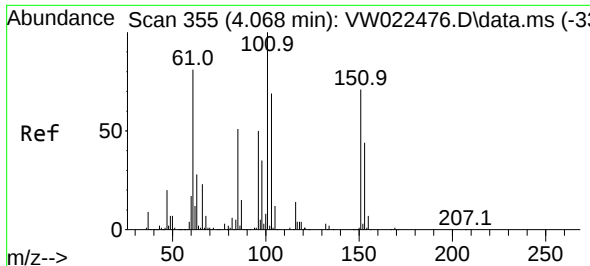
Tgt Ion: 64 Resp: 49047
Ion Ratio Lower Upper
64 100
66 31.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 50.631 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 101 Resp: 81885
Ion Ratio Lower Upper
101 100
103 66.3 52.0 78.0





#10

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

Concen: 22.467 ug/L

RT: 4.074 min Scan# 355

Delta R.T. 0.006 min

Lab File: VW022479.D

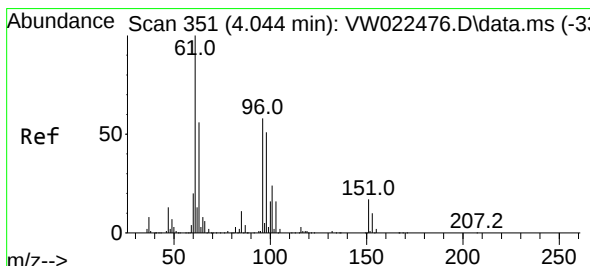
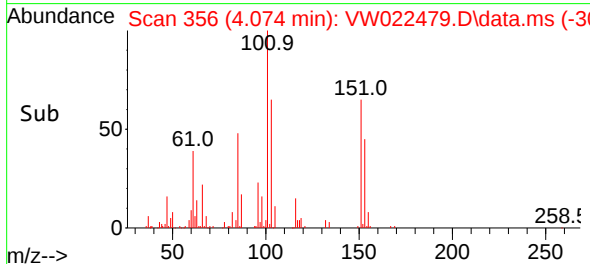
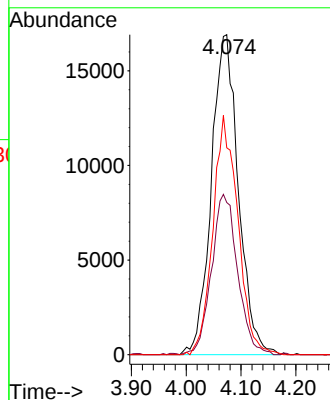
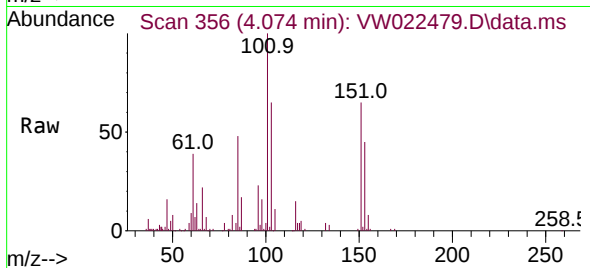
Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	101	Resp:	57859
Ion	Ratio	Lower	Upper
101	100		
85	48.4	39.2	58.8
151	69.1	52.2	78.4



#12

1,1-Dichloroethene

Concen: 22.829 ug/L

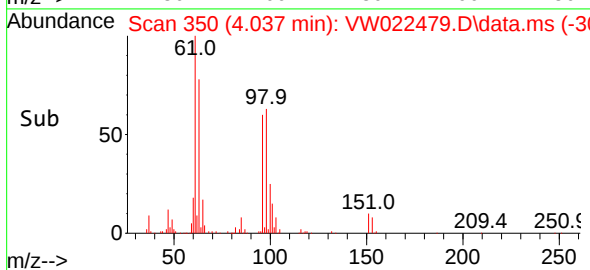
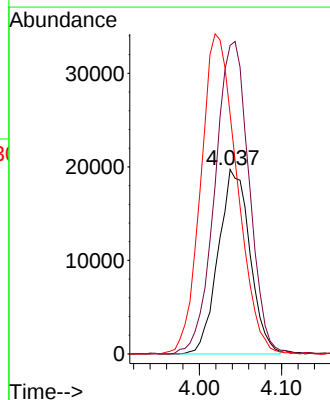
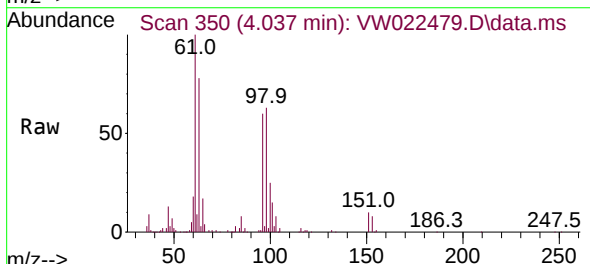
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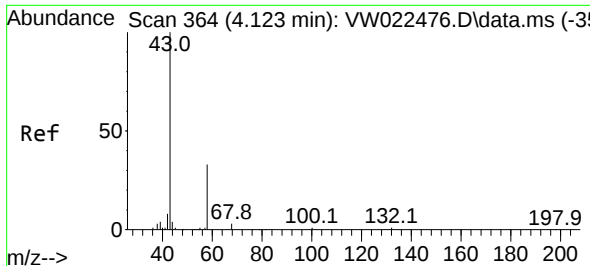
Delta R.T. -0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Tgt Ion:	96	Resp:	52800
Ion	Ratio	Lower	Upper
96	100		
61	167.3	128.0	237.6
63	129.9	86.6	160.8

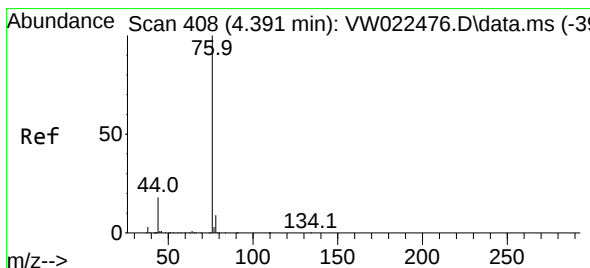
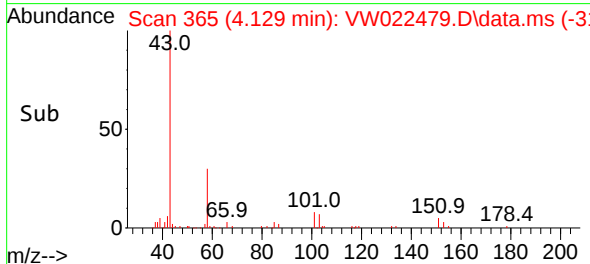
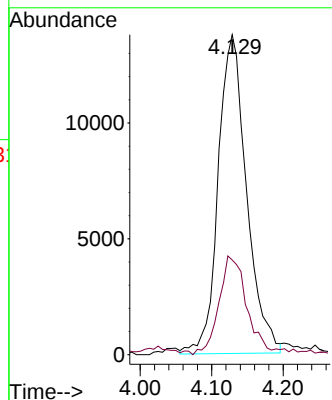
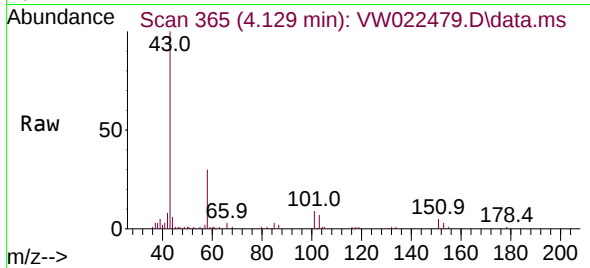




#13
Acetone
Concen: 84.123 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

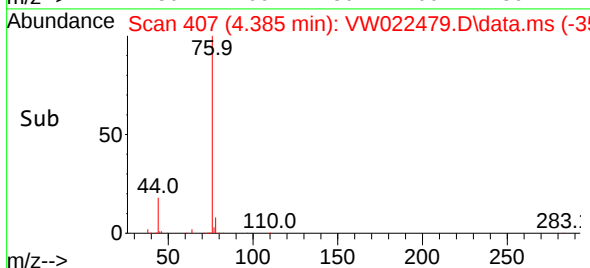
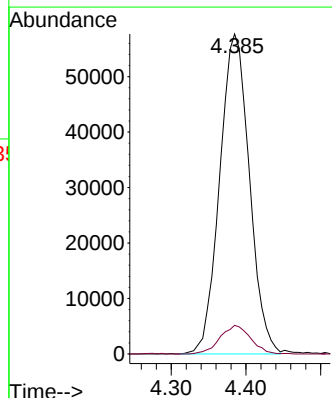
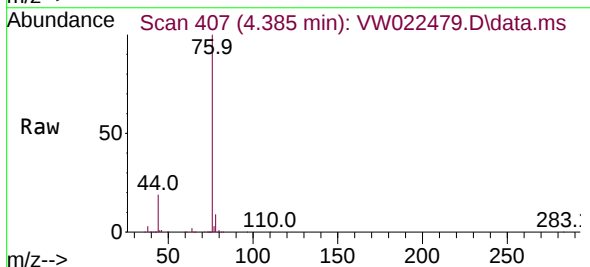
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ClientSampleId :

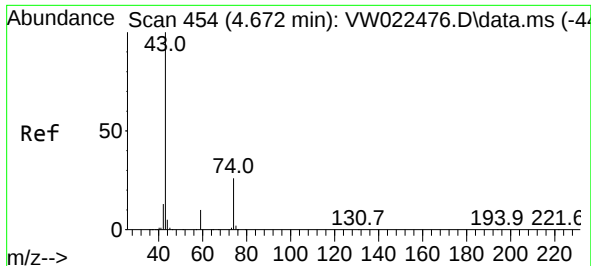
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Ion Ratio Lower Upper
43 100
58 29.9 0.0 57.0



#14
Carbon disulfide
Concen: 20.972 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 76 Resp: 159569
Ion Ratio Lower Upper
76 100
78 8.9 7.6 11.4

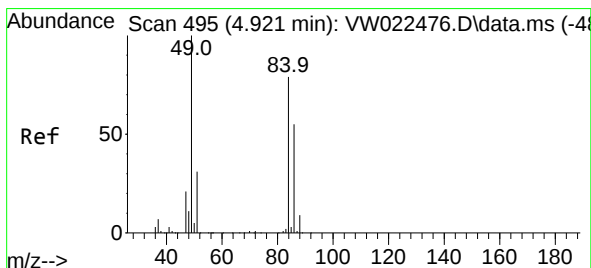
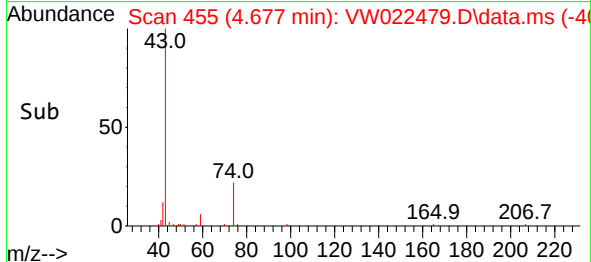
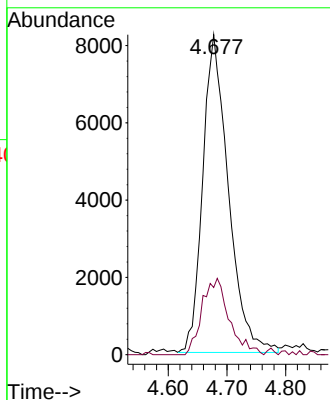
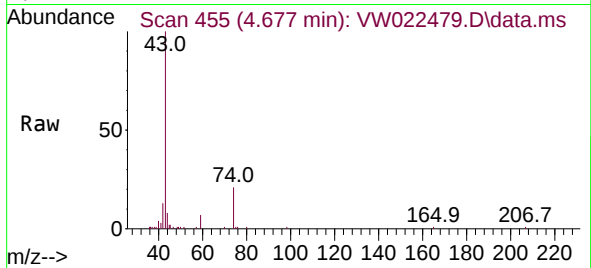




#15
Methyl Acetate
Concen: 22.061 ug/L
RT: 4.677 min Scan# 41
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

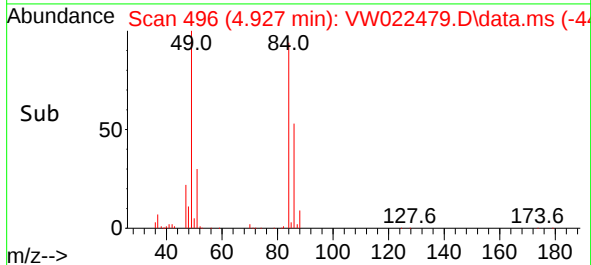
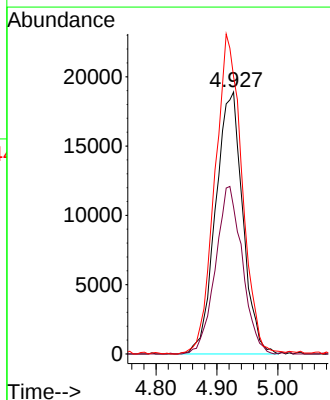
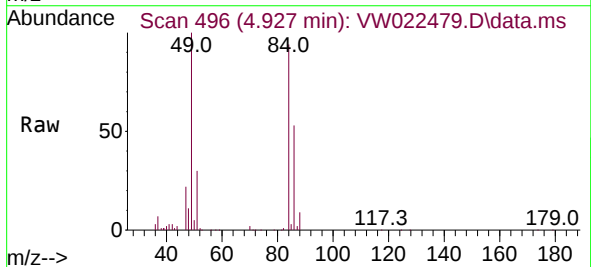
Instrument :
MSVOA_W
ClientSampleId :

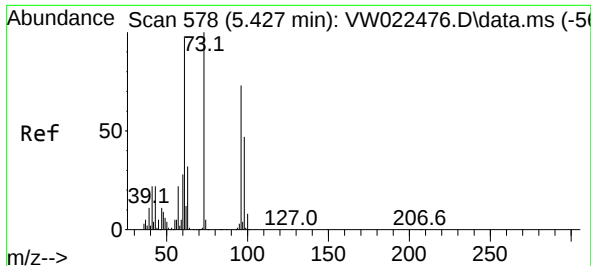
Tgt Ion: 43 Resp: 24990
Ion Ratio Lower Upper
43 100
74 23.9 18.5 27.7



#16
Methylene chloride
Concen: 22.642 ug/L
RT: 4.927 min Scan# 496
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 84 Resp: 58523
Ion Ratio Lower Upper
84 100
86 56.1 42.8 79.4
49 105.9 94.2 175.0

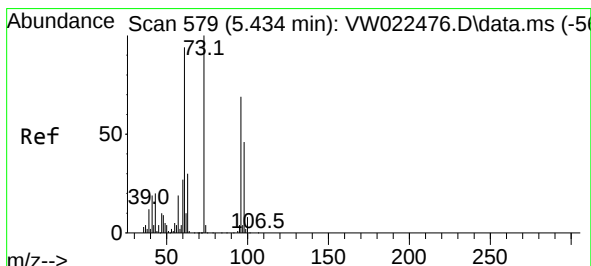
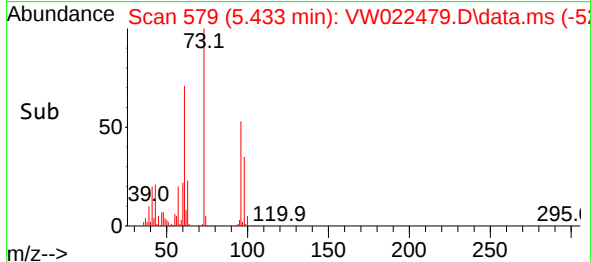
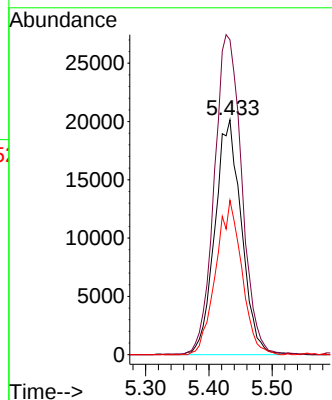
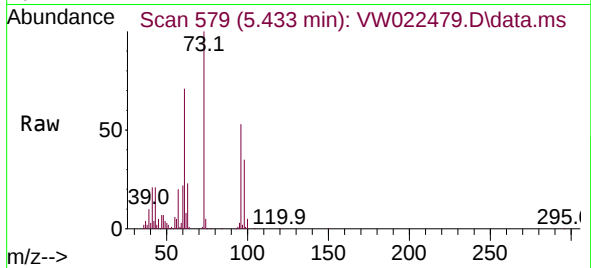




#17
trans-1,2-Dichloroethene
Concen: 21.675 ug/L
RT: 5.433 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

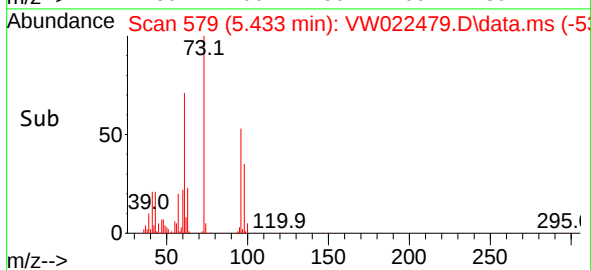
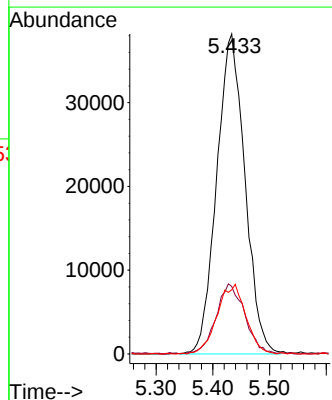
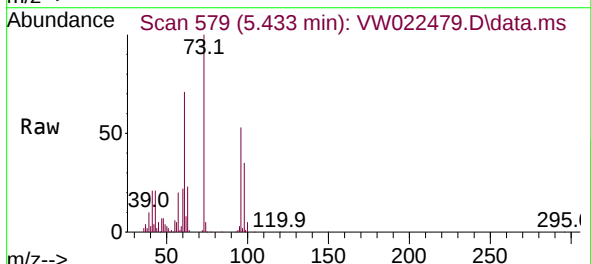
Instrument :
MSVOA_W
ClientSampleId :

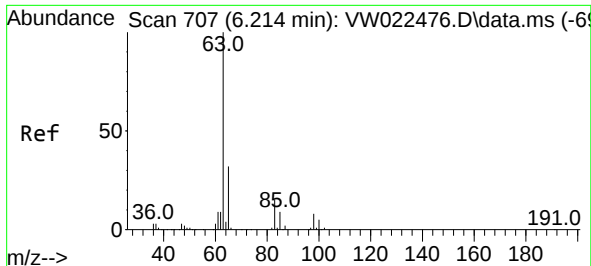
Tgt Ion: 96 Resp: 58727
Ion Ratio Lower Upper
96 100
61 134.1 99.8 185.4
98 65.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 29.808 ug/L
RT: 5.433 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 73 Resp: 131896
Ion Ratio Lower Upper
73 100
43 22.3 18.8 28.2
57 10.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 21.139 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

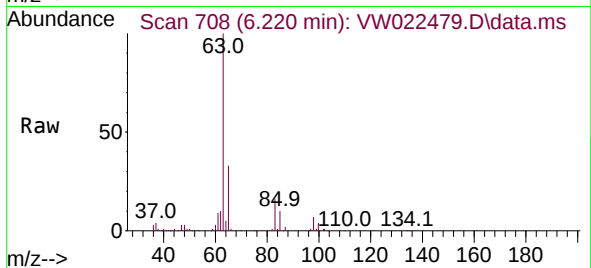
Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



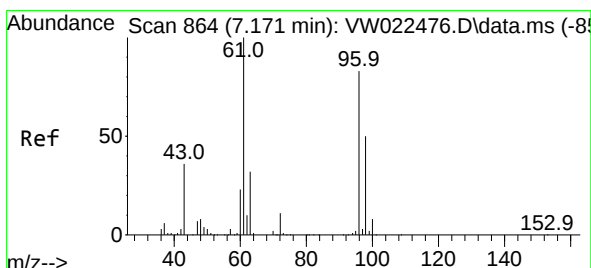
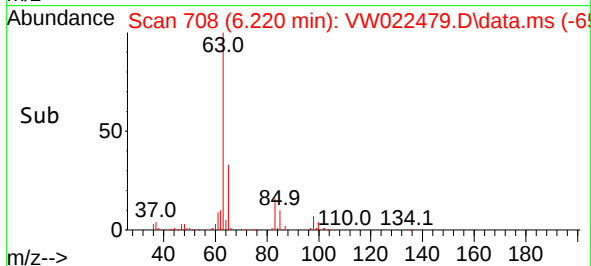
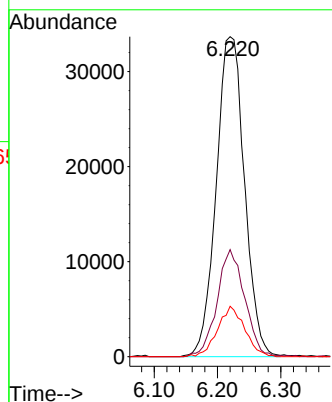
Tgt Ion: 63 Resp: 104505

Ion Ratio Lower Upper

63 100

65 33.4 21.1 39.3

83 15.7 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 23.305 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

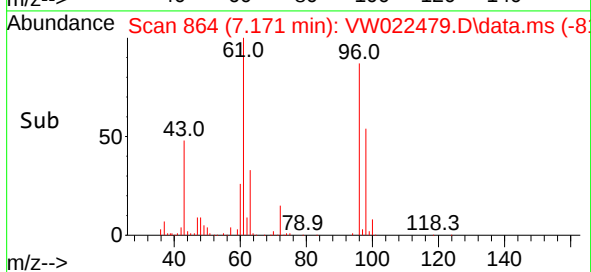
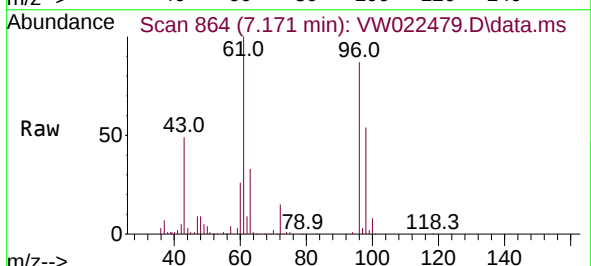
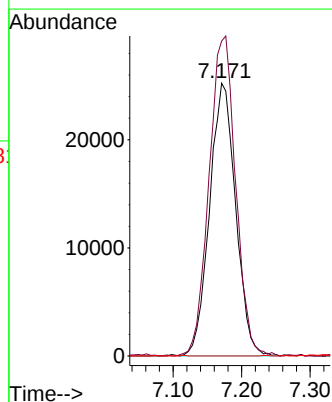
Tgt Ion: 96 Resp: 66687

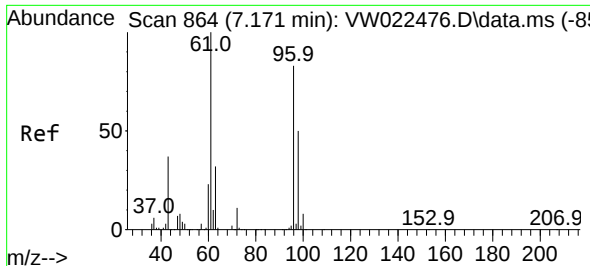
Ion Ratio Lower Upper

96 100

61 115.4 96.4 179.0

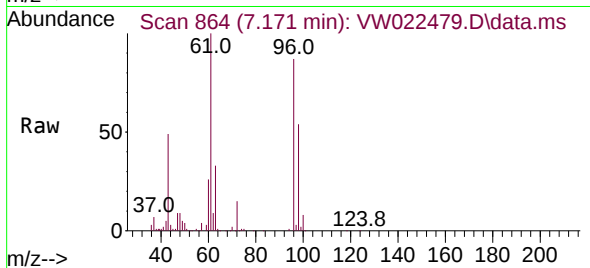
68 0.0 0.1 0.3



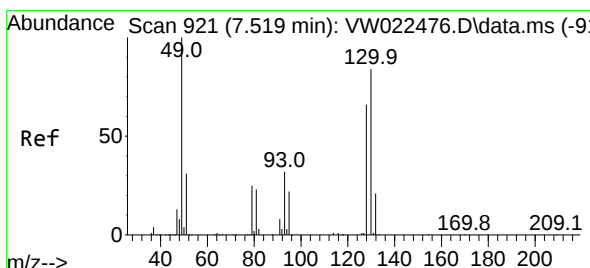
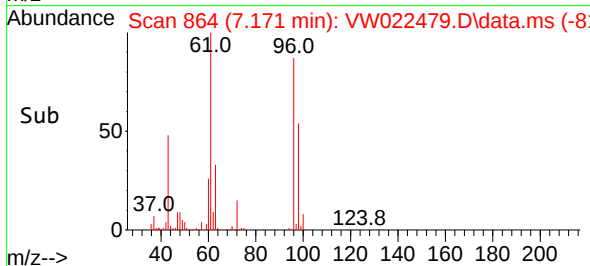
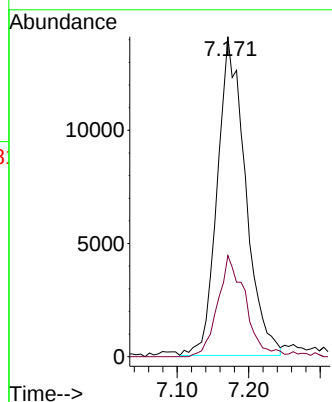


#22
2-Butanone
Concen: 56.404 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Instrument :
MSVOA_W
ClientSampleId :

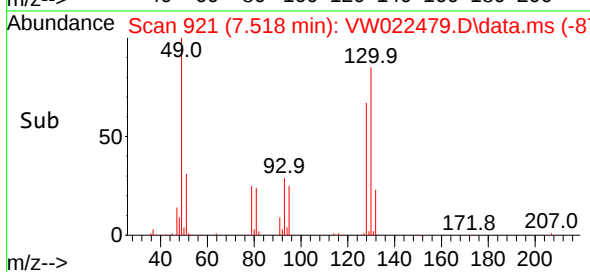
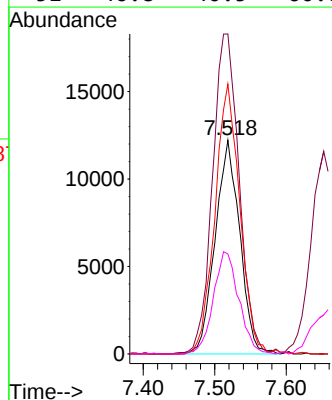
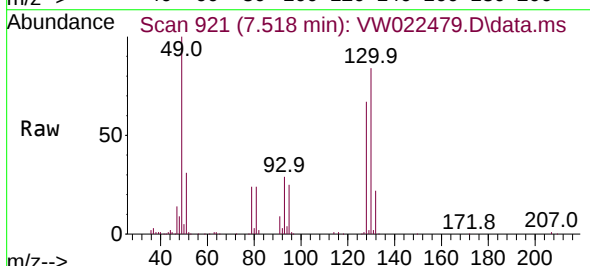


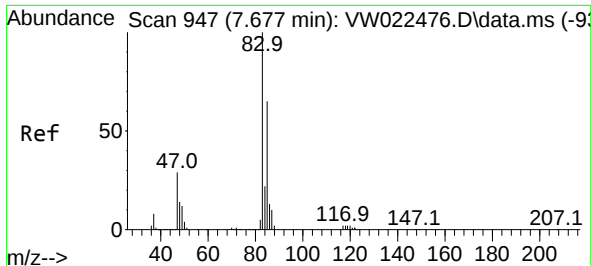
Tgt Ion: 43 Resp: 38454
Ion Ratio Lower Upper
43 100
72 30.7 14.0 42.0



#23
Bromochloromethane
Concen: 23.745 ug/L
RT: 7.518 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 128 Resp: 29242
Ion Ratio Lower Upper
128 100
49 149.7 120.8 224.3
130 126.2 81.8 151.8
51 46.8 40.5 60.7

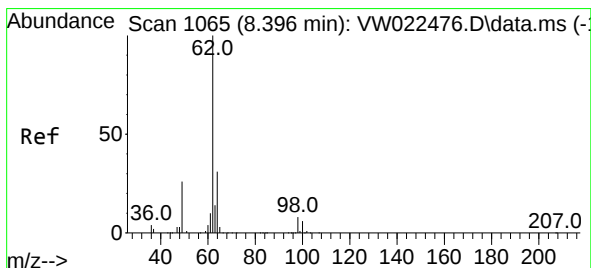
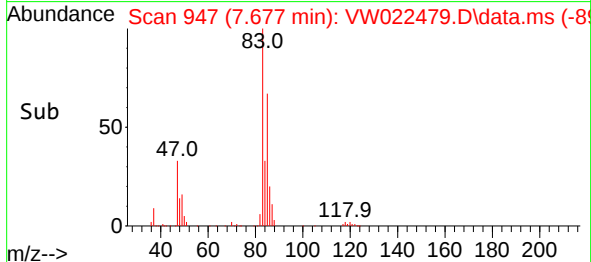
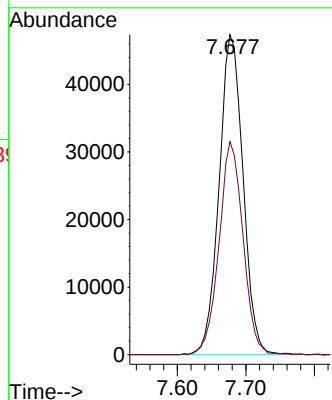
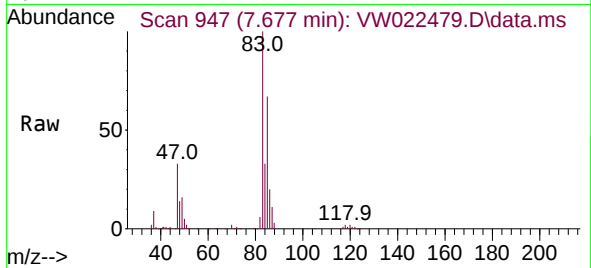




#25
Chloroform
Concen: 21.981 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

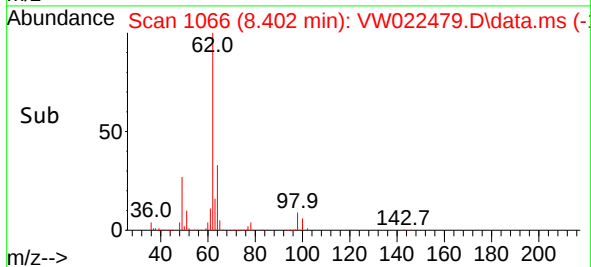
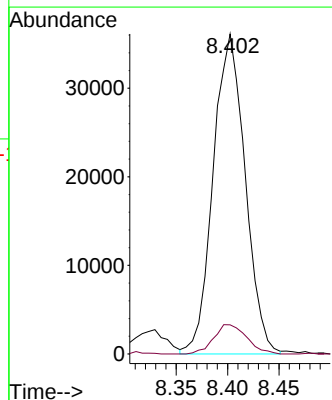
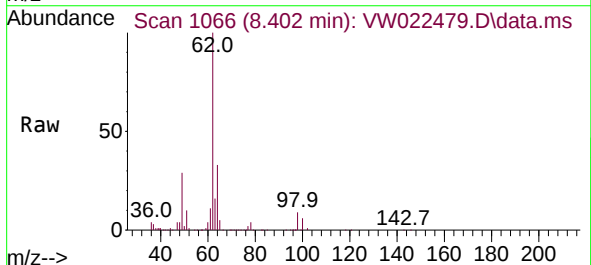
Instrument :
MSVOA_W
ClientSampleId :

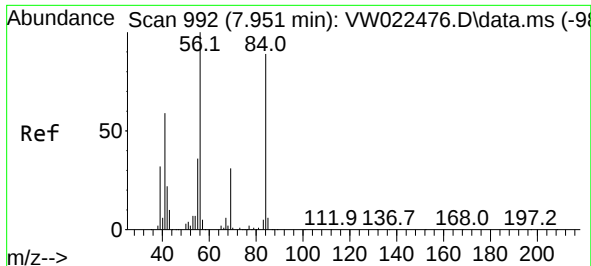
Tgt Ion: 83 Resp: 114454
Ion Ratio Lower Upper
83 100
85 66.6 45.8 85.0



#27
1,2-Dichloroethane
Concen: 21.350 ug/L
RT: 8.402 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 62 Resp: 78132
Ion Ratio Lower Upper
62 100
98 9.1 6.2 9.2





#29

Cyclohexane

Concen: 19.525 ug/L

RT: 7.957 min Scan# 992

Delta R.T. 0.006 min

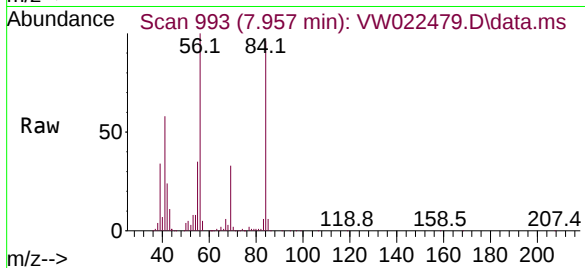
Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



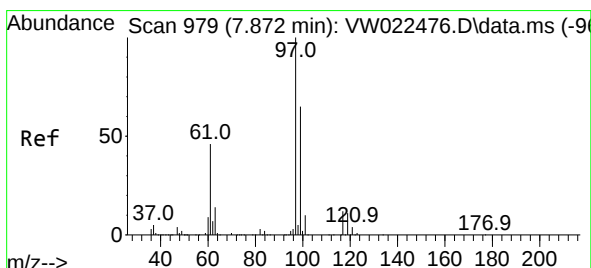
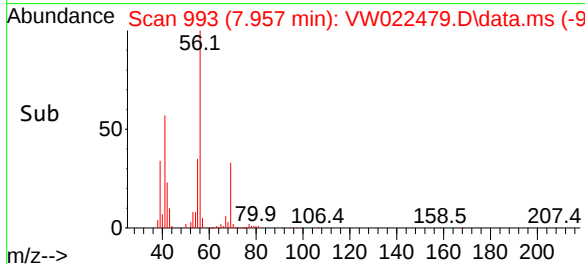
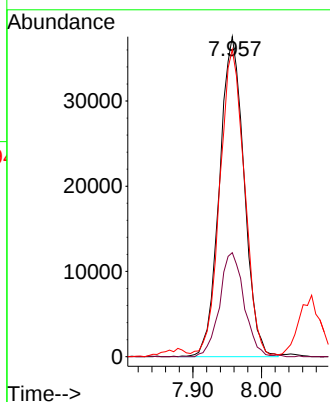
Tgt Ion: 56 Resp: 93572

Ion Ratio Lower Upper

56 100

69 32.3 24.4 36.6

84 96.4 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 22.716 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

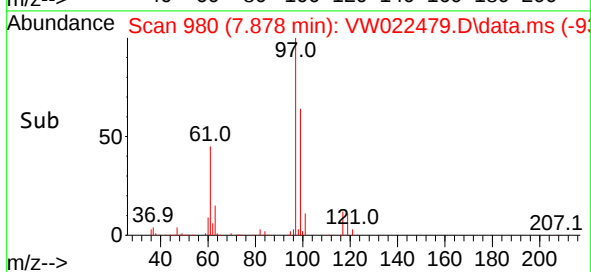
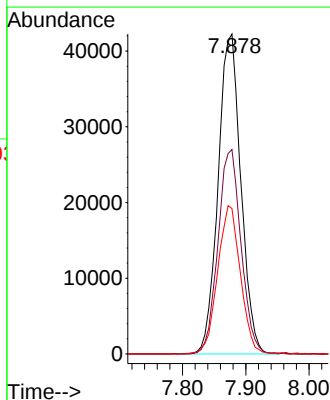
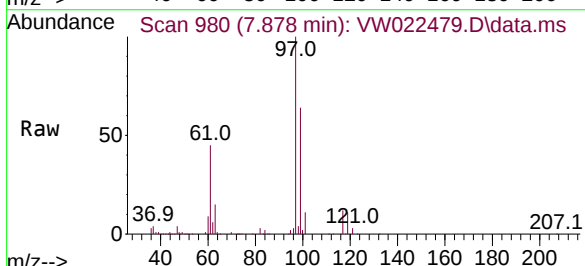
Tgt Ion: 97 Resp: 105516

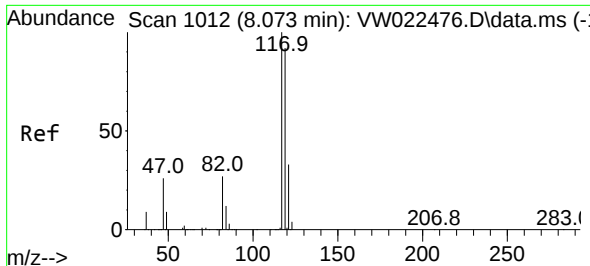
Ion Ratio Lower Upper

97 100

99 64.6 51.7 77.5

61 46.4 38.7 58.1

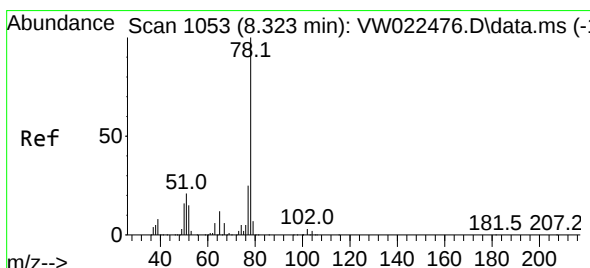
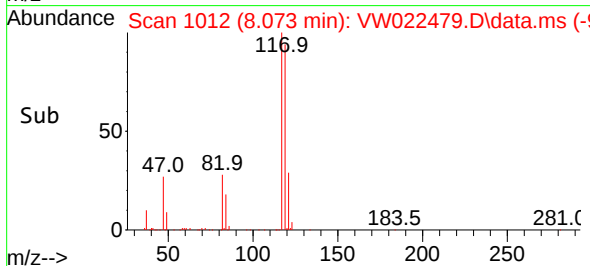
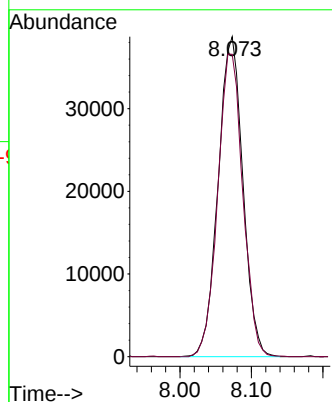
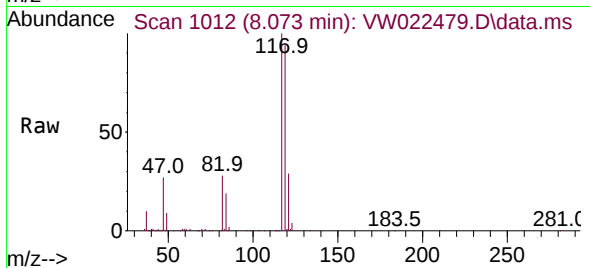




#31
Carbon tetrachloride
Concen: 22.316 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

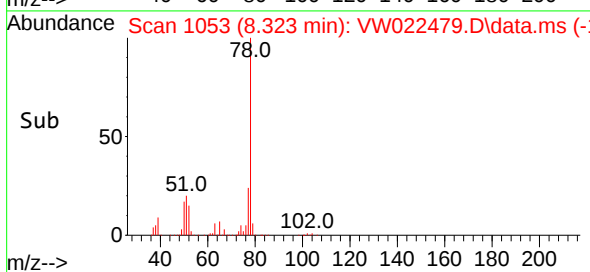
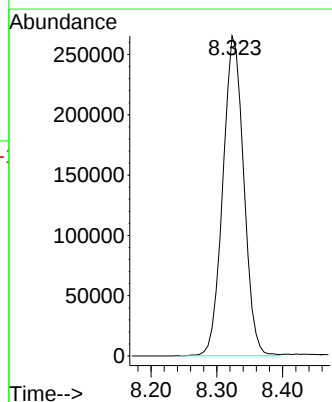
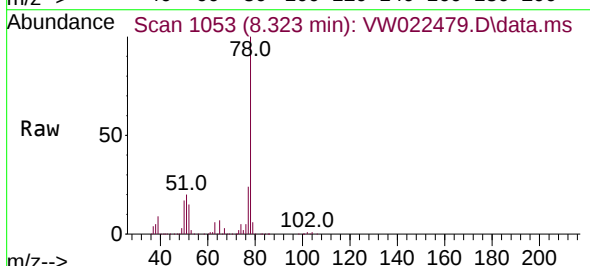
Instrument :
MSVOA_W
ClientSampleId :

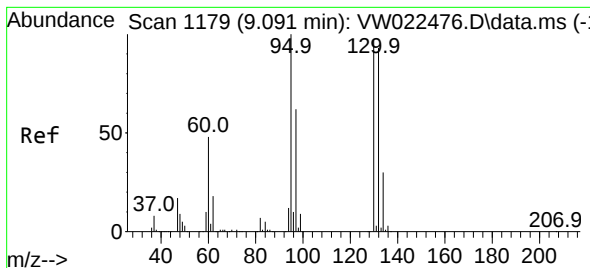
Tgt Ion:117 Resp: 93034
Ion Ratio Lower Upper
117 100
119 95.8 75.5 113.3



#33
Benzene
Concen: 51.661 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 78 Resp: 587319





#34

Trichloroethene

Concen: 21.982 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

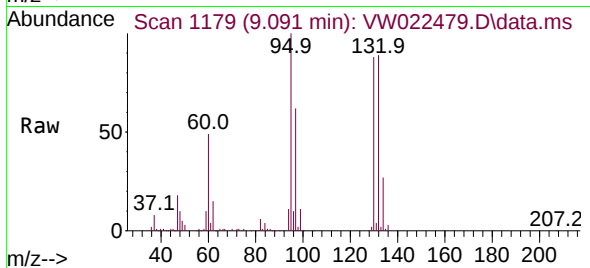
Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 66914

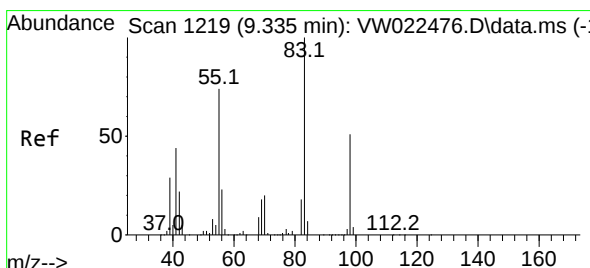
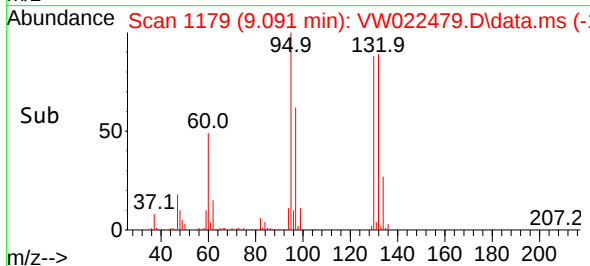
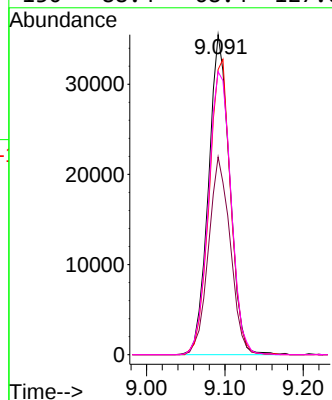
Ion Ratio Lower Upper

95 100

97 61.8 46.4 86.2

132 89.1 67.4 125.2

130 88.4 68.4 127.0



#35

Methylcyclohexane

Concen: 21.006 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

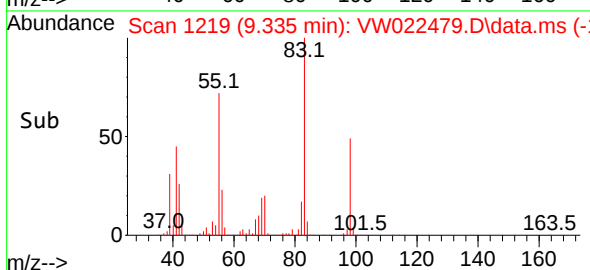
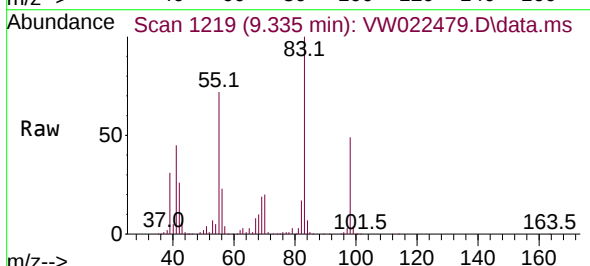
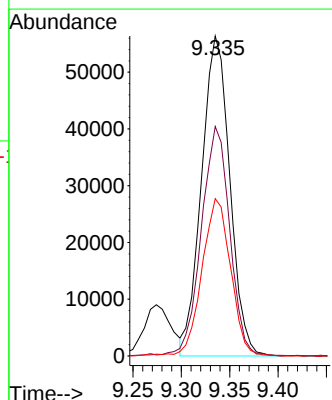
Tgt Ion: 83 Resp: 114722

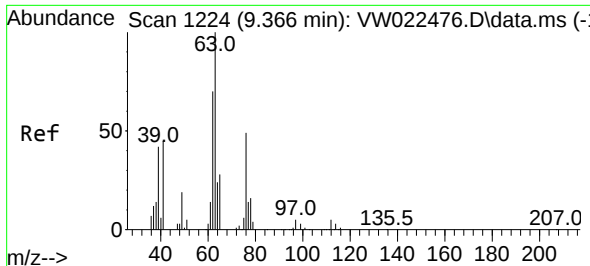
Ion Ratio Lower Upper

83 100

55 71.8 61.0 91.6

98 49.4 39.2 58.8





#37

1,2-Dichloropropane

Concen: 20.507 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

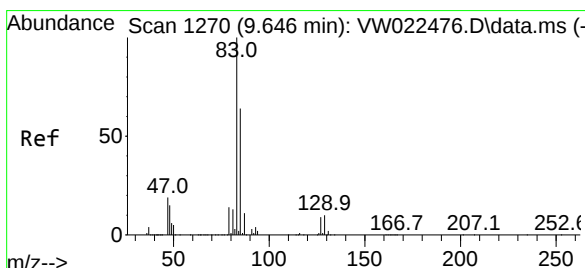
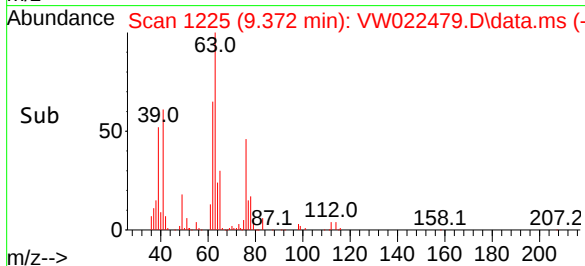
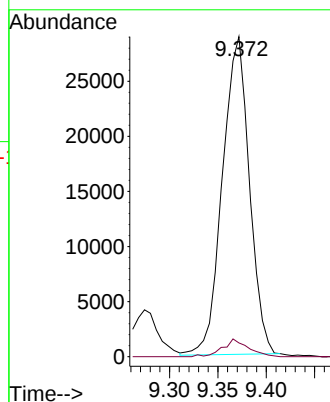
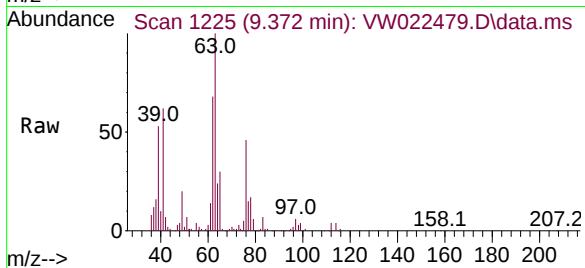
ClientSampleId :

Tgt Ion: 63 Resp: 55853

Ion Ratio Lower Upper

63 100

112 5.1 3.8 5.6



#38

Bromodichloromethane

Concen: 21.617 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

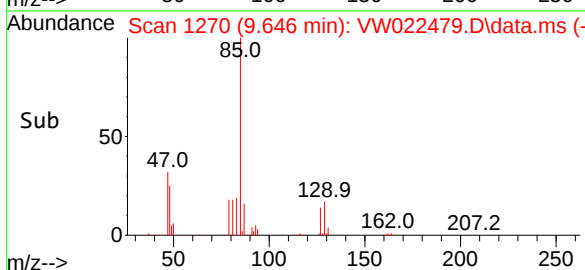
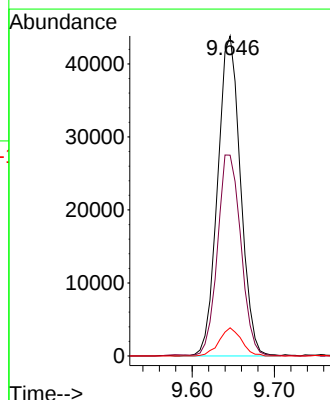
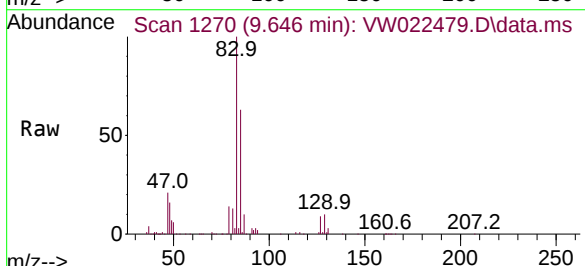
Tgt Ion: 83 Resp: 84665

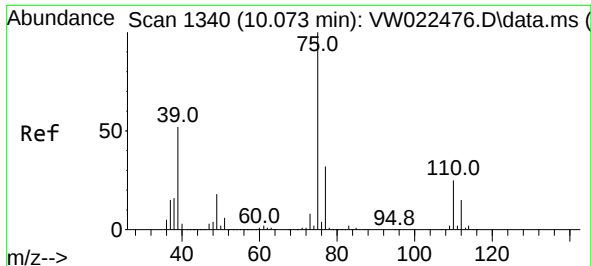
Ion Ratio Lower Upper

83 100

85 62.8 45.2 84.0

127 8.8 6.0 9.0





#39

cis-1,3-Dichloropropene

Concen: 21.293 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

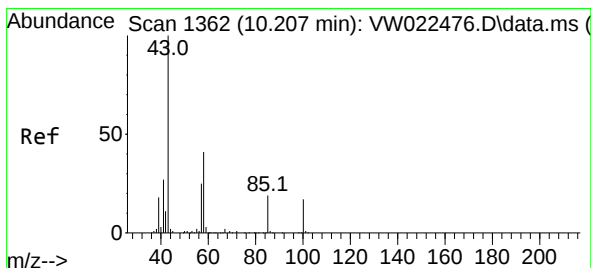
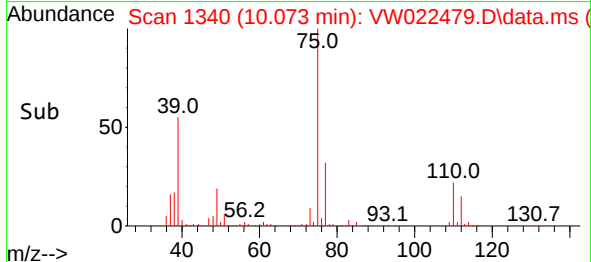
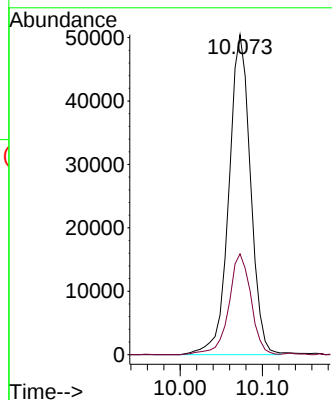
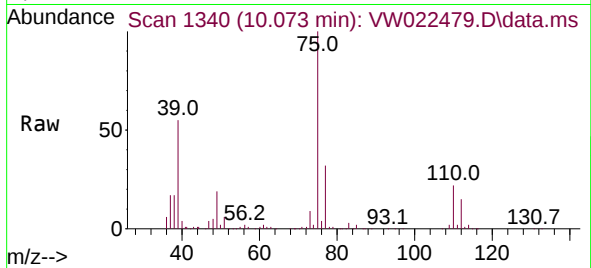
ClientSampleId :

Tgt Ion: 75 Resp: 92024

Ion Ratio Lower Upper

75 100

77 31.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 43.245 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

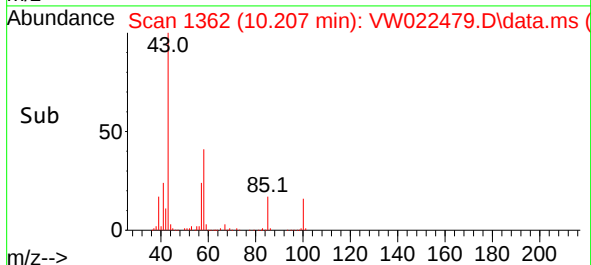
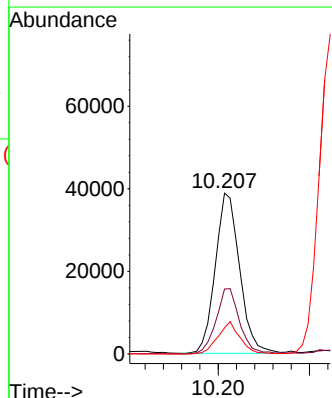
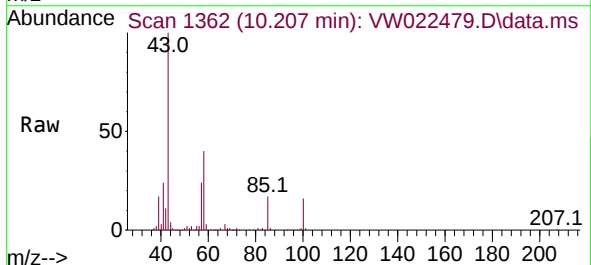
Tgt Ion: 43 Resp: 71879

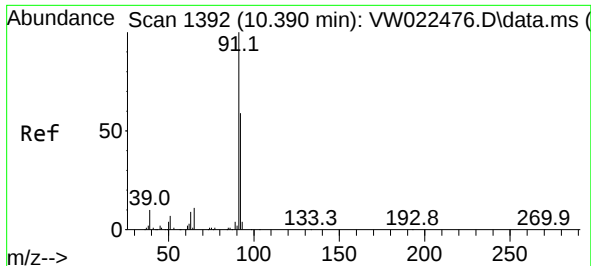
Ion Ratio Lower Upper

43 100

58 39.5 29.3 43.9

100 18.3 12.2 18.4





#42

Toluene

Concen: 32.301 ug/L

RT: 10.384 min Scan# 1391

Delta R.T. -0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

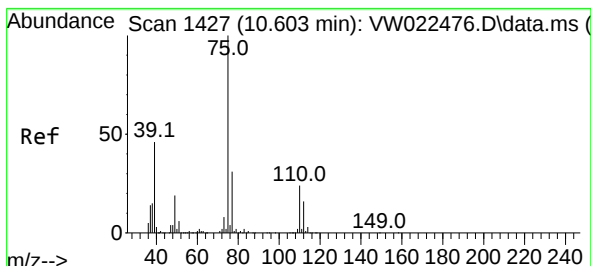
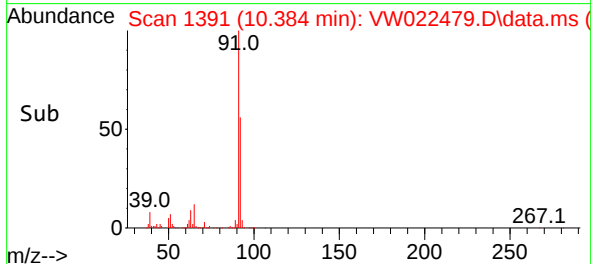
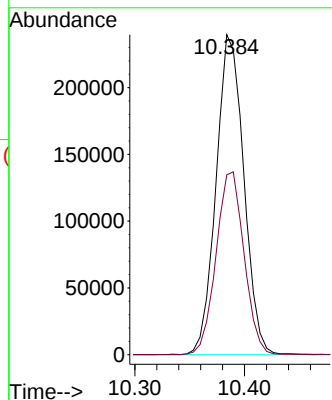
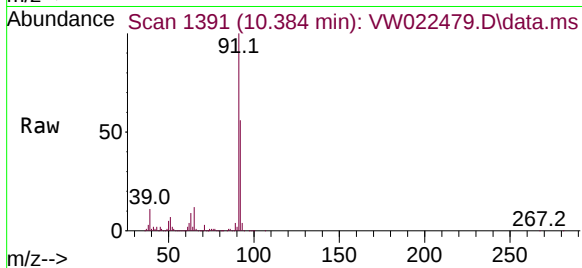
ClientSampleId :

Tgt Ion: 91 Resp: 420794

Ion Ratio Lower Upper

91 100

92 56.2 38.0 70.6



#44

trans-1,3-Dichloropropene

Concen: 20.780 ug/L

RT: 10.603 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW022479.D

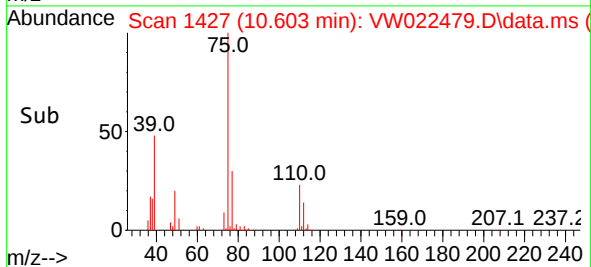
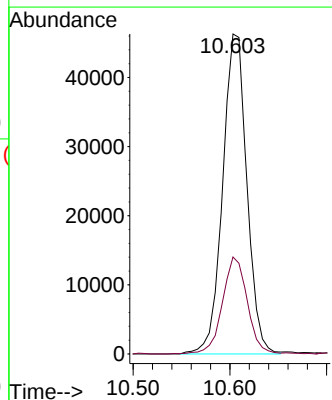
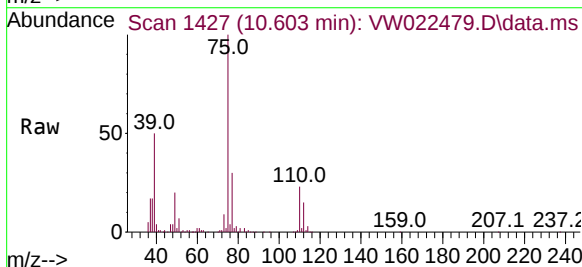
Acq: 11 Apr 2022 13:36

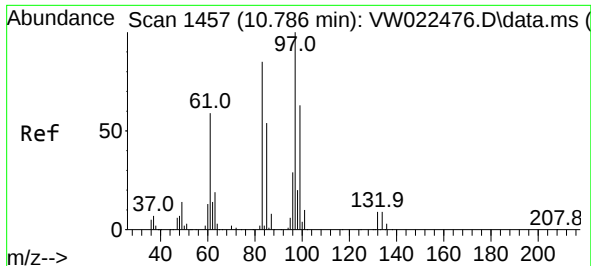
Tgt Ion: 75 Resp: 80414

Ion Ratio Lower Upper

75 100

77 30.3 21.3 39.6

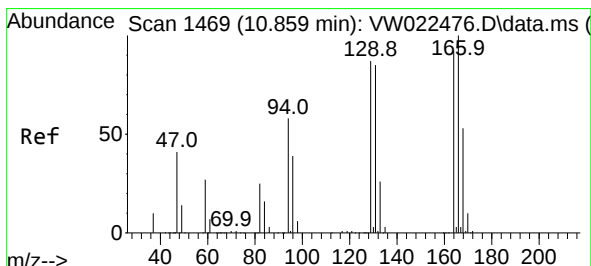
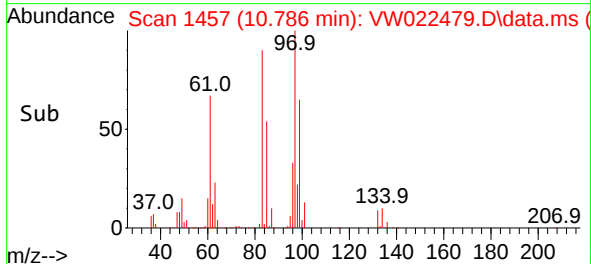
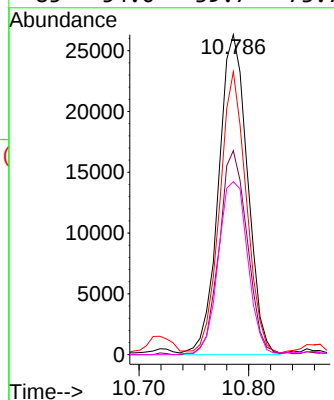
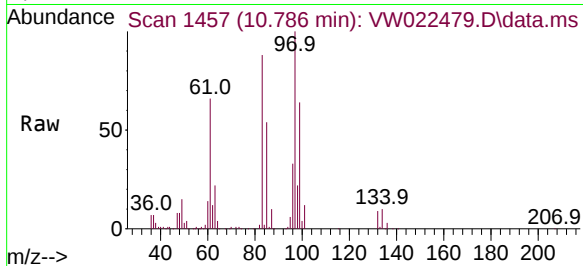




#45
1,1,2-Trichloroethane
Concen: 23.238 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

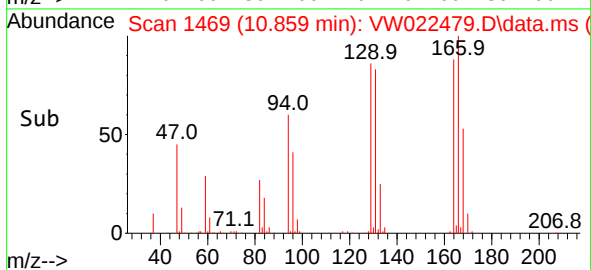
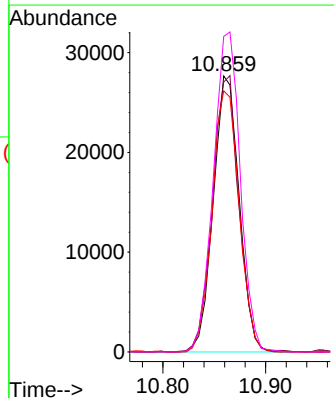
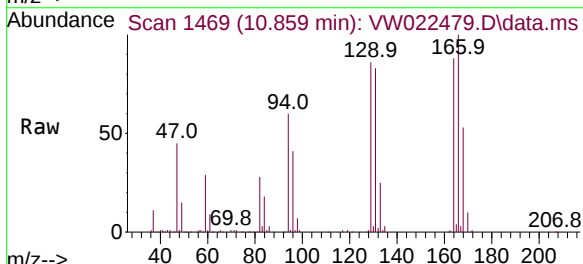
Instrument :
MSVOA_W
ClientSampleId :

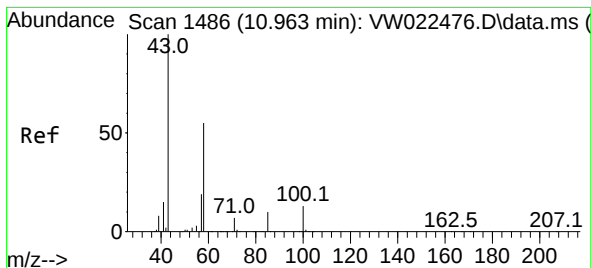
Tgt Ion: 97	Resp: 48302
Ion Ratio	Lower Upper
97 100	
99 63.7	46.0 85.4
83 88.4	60.6 112.6
85 54.0	39.7 73.7



#46
Tetrachloroethene
Concen: 21.613 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt	Ion:164	Resp:	48361
Ion	Ratio	Lower	Upper
164	100		
129	97.8	74.1	137.7
131	94.6	71.4	132.6
166	114.3	95.9	178.1





#48

2-Hexanone

Concen: 47.424 ug/L

RT: 10.969 min Scan# 1487

Delta R.T. 0.006 min

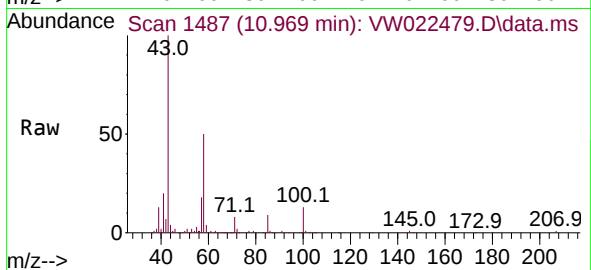
Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 55610

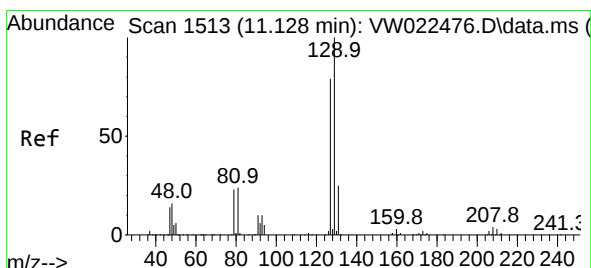
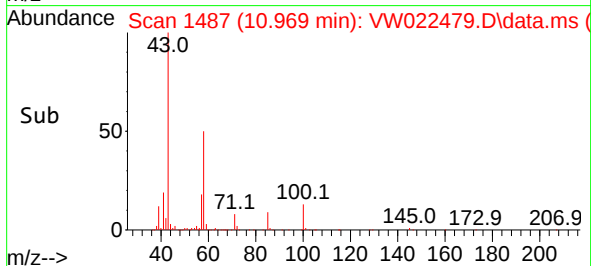
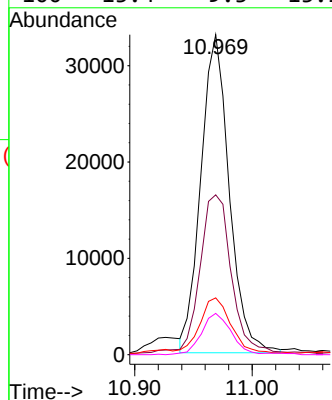
Ion Ratio Lower Upper

43 100

58 53.1 41.6 62.4

57 20.4 14.5 21.7

100 13.4 9.3 13.9



#49

Dibromochloromethane

Concen: 23.387 ug/L

RT: 11.127 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022479.D

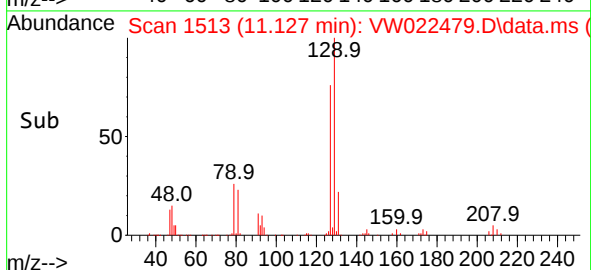
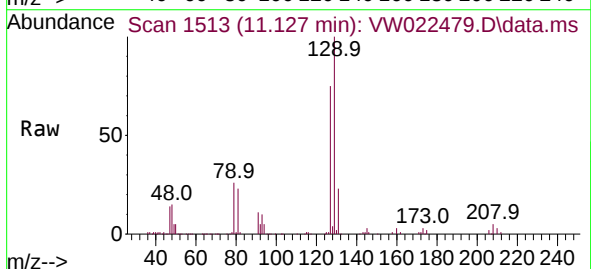
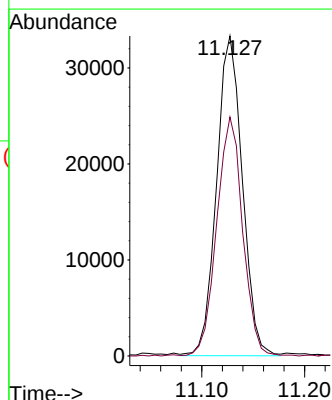
Acq: 11 Apr 2022 13:36

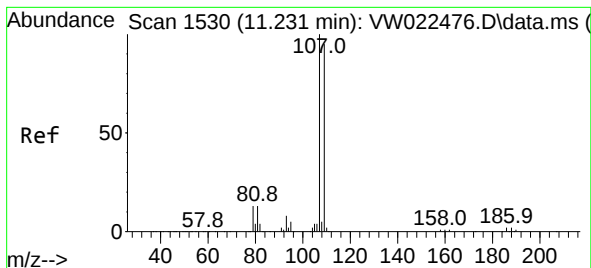
Tgt Ion: 129 Resp: 57977

Ion Ratio Lower Upper

129 100

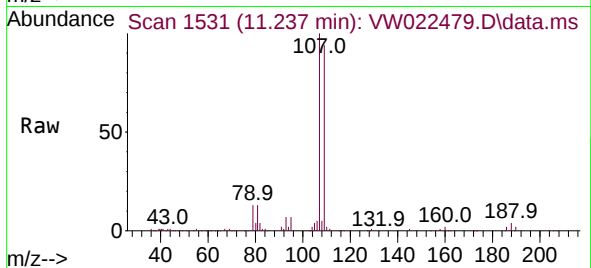
127 74.6 52.6 97.6



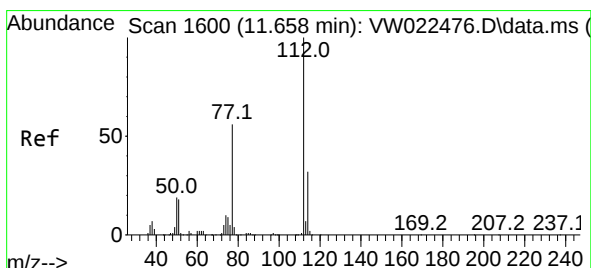
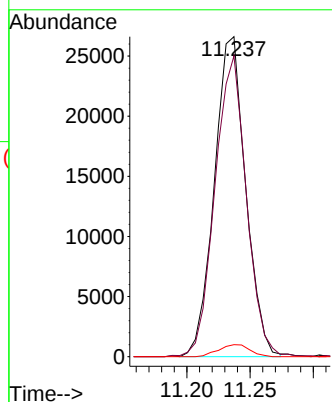
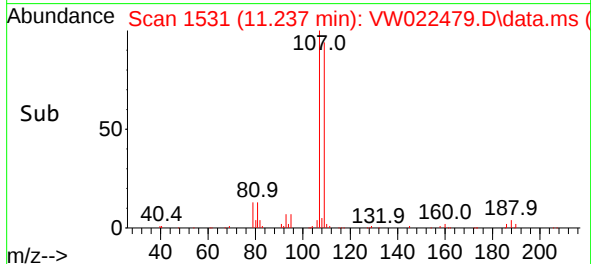


#50
1,2-Dibromoethane
Concen: 22.310 ug/L
RT: 11.237 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Instrument :
MSVOA_W
ClientSampleId :

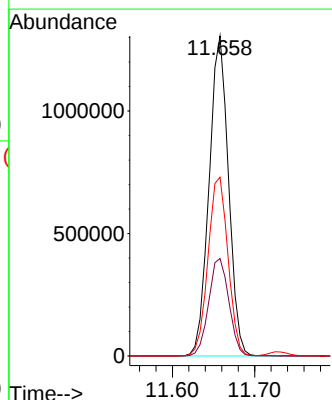
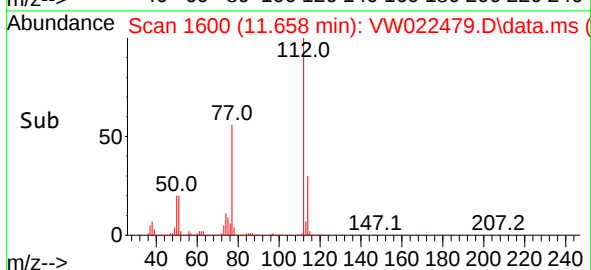
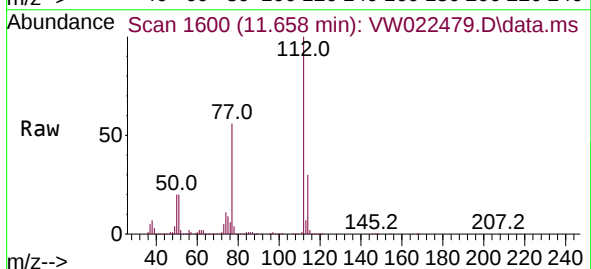


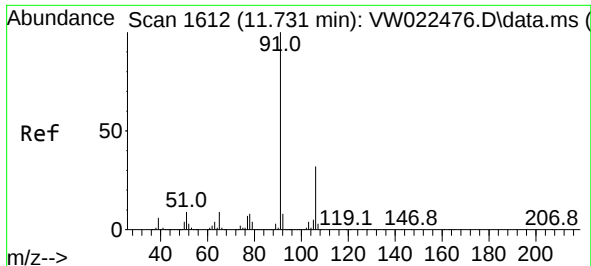
Tgt Ion:107 Resp: 45791
Ion Ratio Lower Upper
107 100
109 94.0 68.2 126.6
188 3.7 2.8 4.2



#51
Chlorobenzene
Concen: 268.381 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion:112 Resp: 2136536
Ion Ratio Lower Upper
112 100
114 30.4 20.5 38.1
77 55.8 48.1 72.1

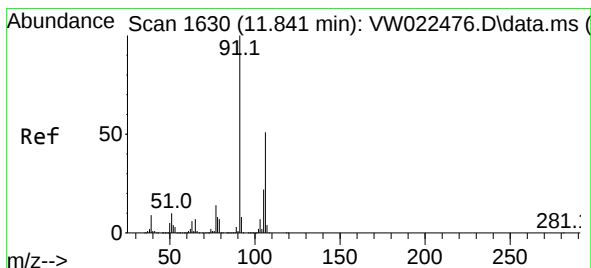
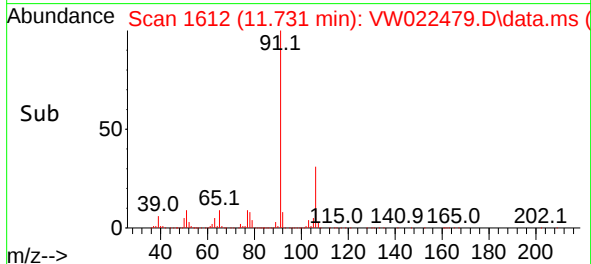
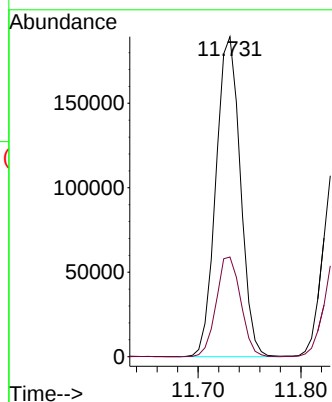
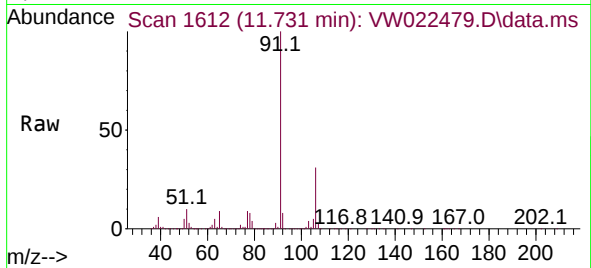




#52
Ethylbenzene
Concen: 21.393 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

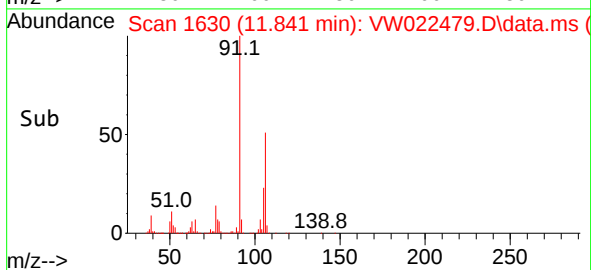
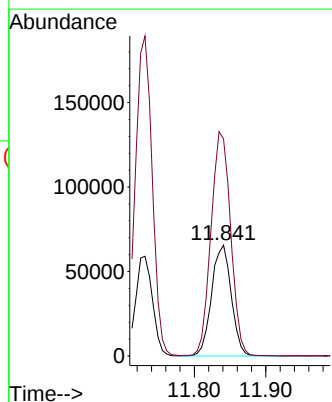
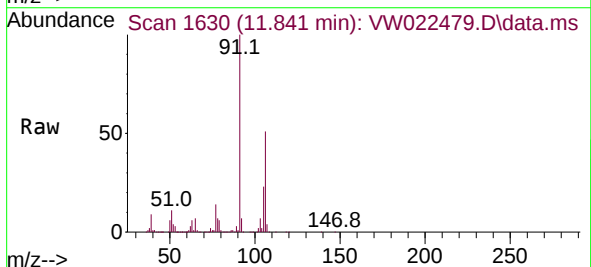
Instrument :
MSVOA_W
ClientSampleId :

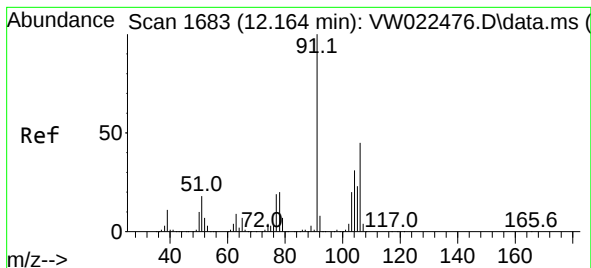
Tgt Ion: 91 Resp: 312376
Ion Ratio Lower Upper
91 100
106 31.1 20.5 38.1



#53
m,p-Xylene
Concen: 22.566 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion: 106 Resp: 125288
Ion Ratio Lower Upper
106 100
91 195.4 149.9 278.5





#54

o-Xylene

Concen: 22.587 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

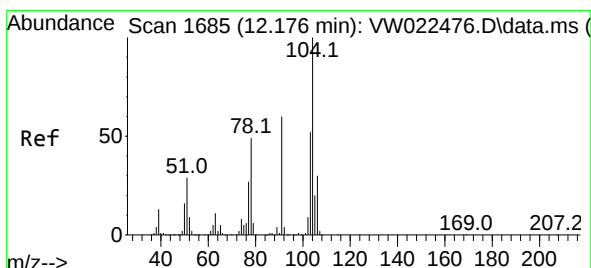
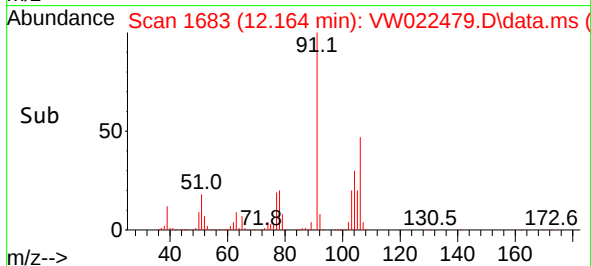
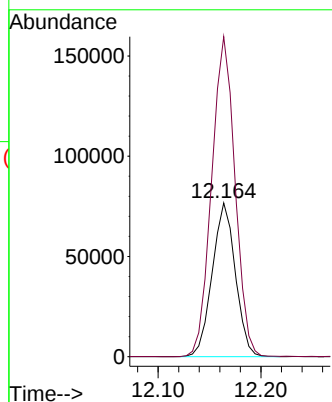
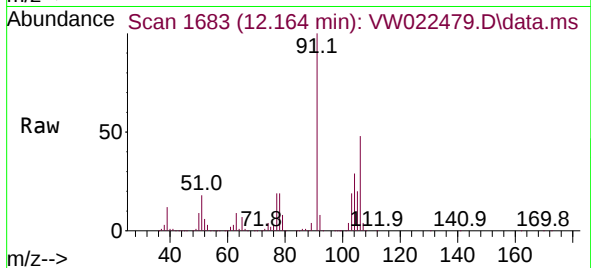
ClientSampleId :

Tgt Ion:106 Resp: 119837

Ion Ratio Lower Upper

106 100

91 208.1 155.3 288.3



#55

Styrene

Concen: 21.158 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW022479.D

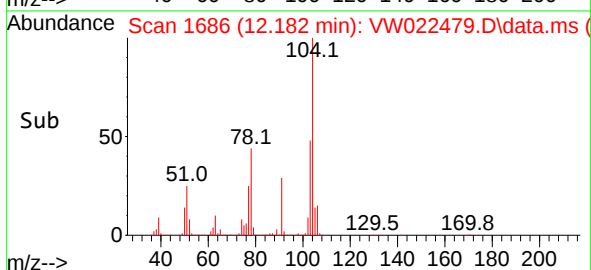
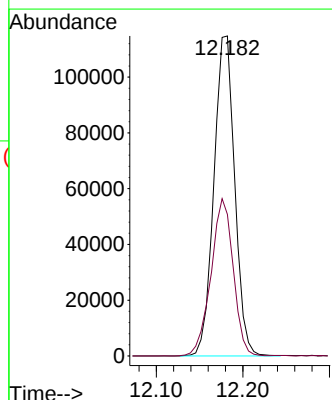
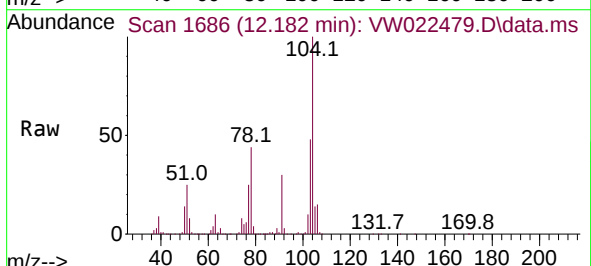
Acq: 11 Apr 2022 13:36

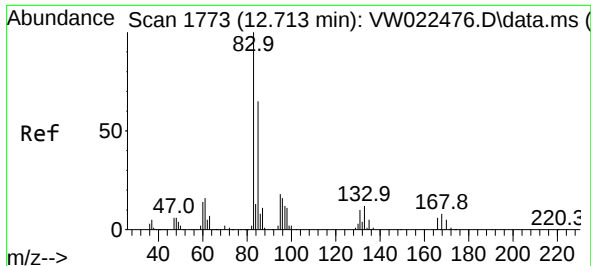
Tgt Ion:104 Resp: 191787

Ion Ratio Lower Upper

104 100

78 44.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.886 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

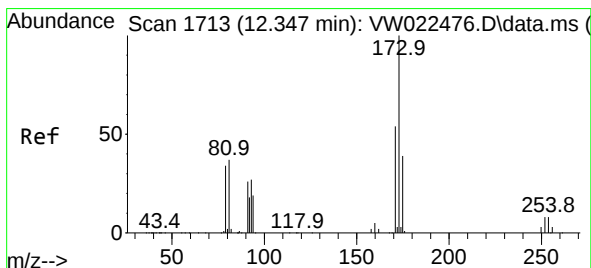
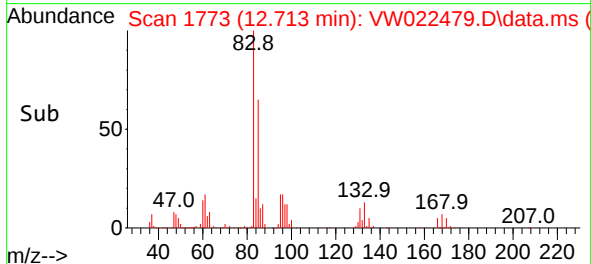
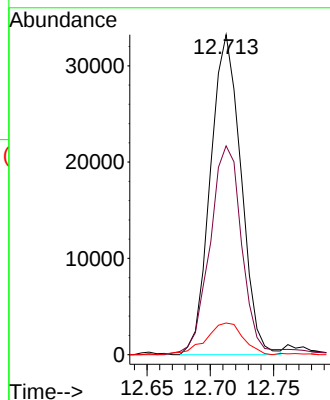
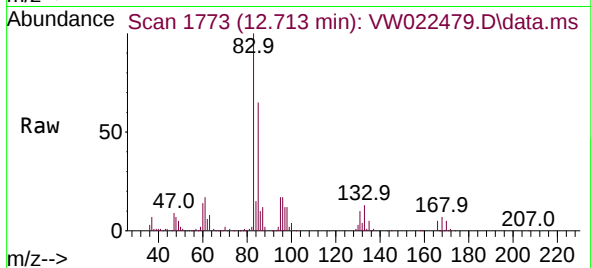
Tgt Ion: 83 Resp: 55837

Ion Ratio Lower Upper

83 100

85 65.2 45.5 84.5

131 9.9 7.8 11.8



#59

Bromoform

Concen: 21.398 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

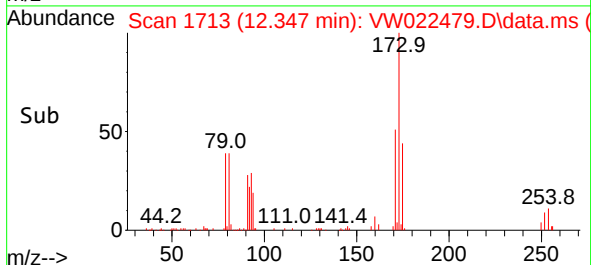
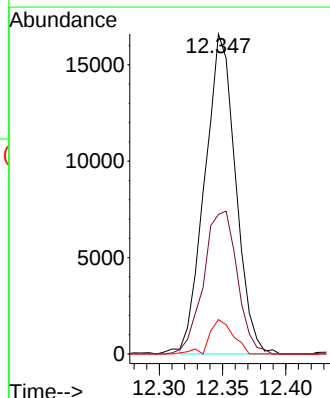
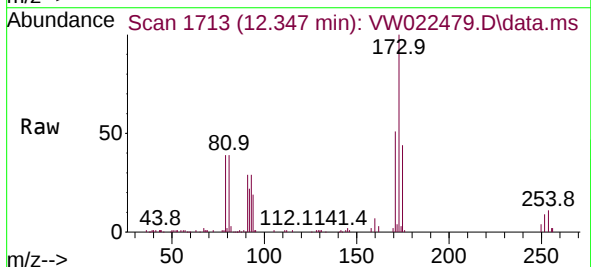
Tgt Ion:173 Resp: 28077

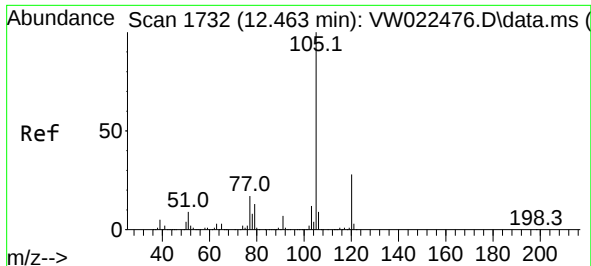
Ion Ratio Lower Upper

173 100

175 48.8 39.2 58.8

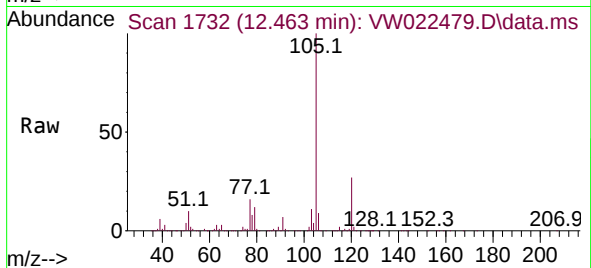
254 7.8 6.6 9.8



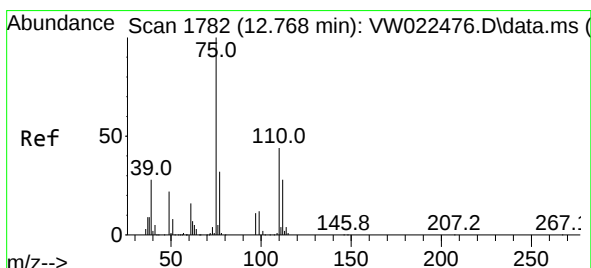
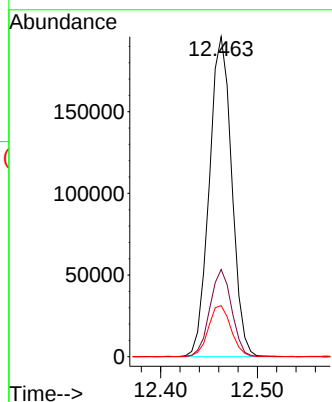
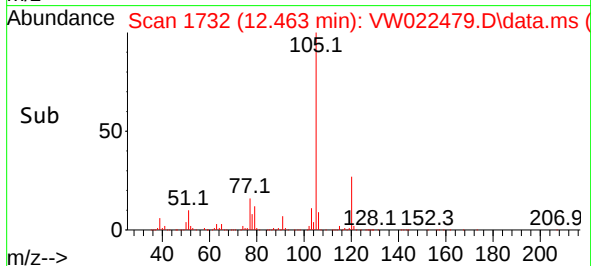


#60
Isopropylbenzene
Concen: 21.587 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

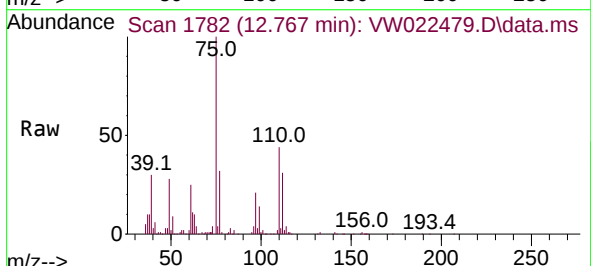
Instrument :
MSVOA_W
ClientSampleId :



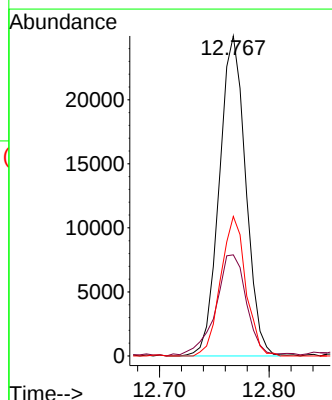
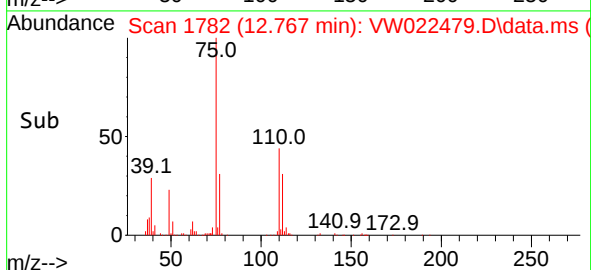
Tgt Ion:105 Resp: 316639
Ion Ratio Lower Upper
105 100
120 26.4 20.9 31.3
77 16.0 13.7 20.5

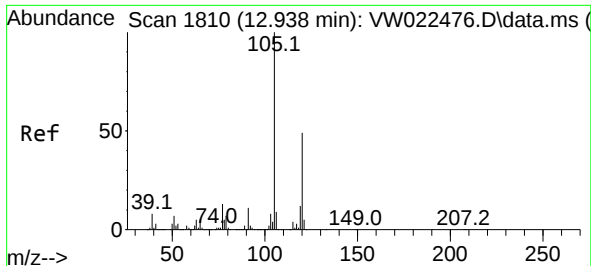


#61
1,2,3-Trichloropropane
Concen: 22.242 ug/L
RT: 12.767 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36



Tgt Ion: 75 Resp: 41778
Ion Ratio Lower Upper
75 100
77 36.9 25.7 38.5
110 41.5 31.8 47.6

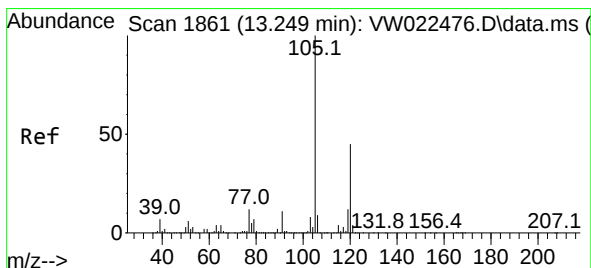
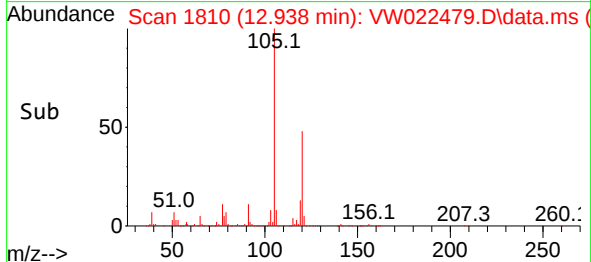
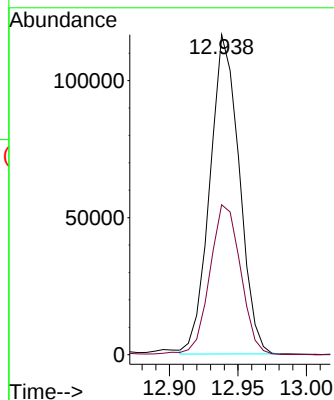
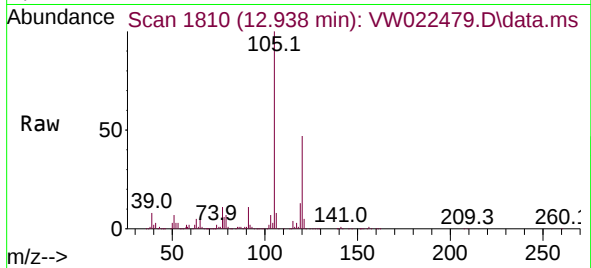




#62
1,3,5-Trimethylbenzene
Concen: 21.549 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

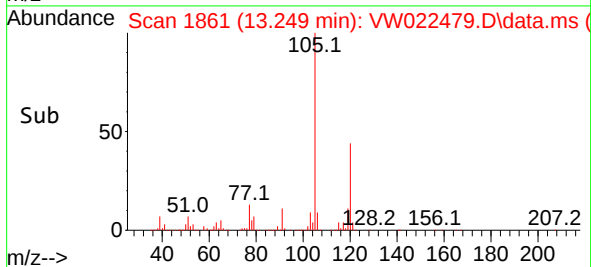
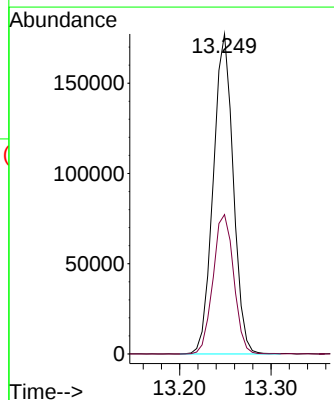
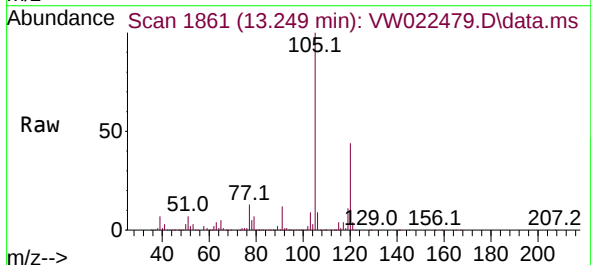
Instrument :
MSVOA_W
ClientSampleId :

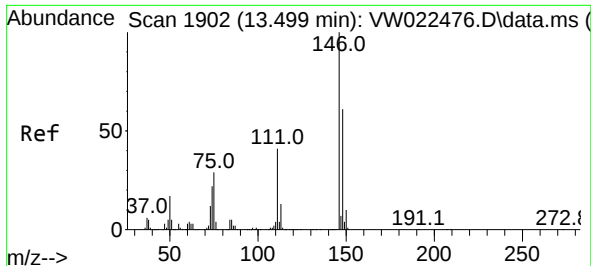
Tgt Ion:105 Resp: 173833
Ion Ratio Lower Upper
105 100
120 49.4 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 21.935 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion:105 Resp: 269078
Ion Ratio Lower Upper
105 100
120 45.1 34.2 51.2

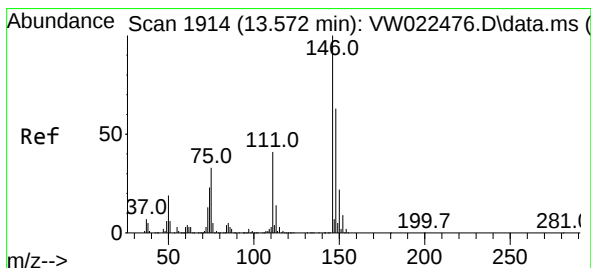
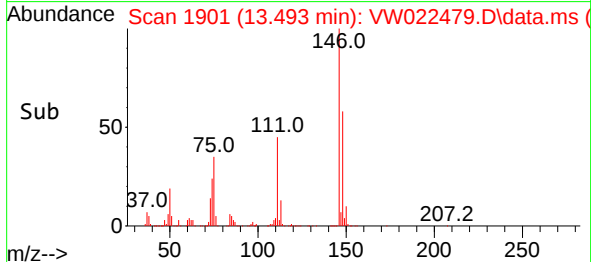
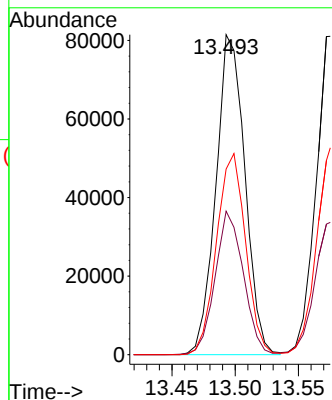
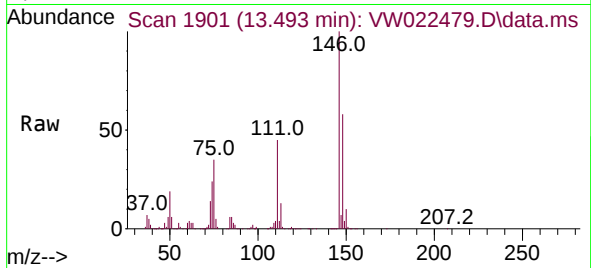




#64
1,3-Dichlorobenzene
Concen: 21.819 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

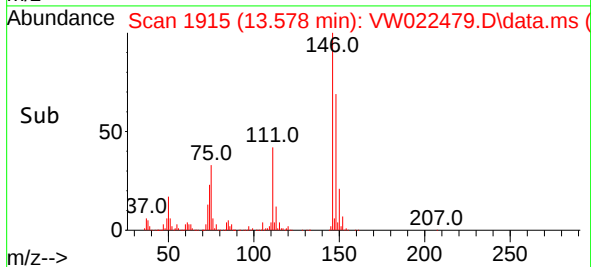
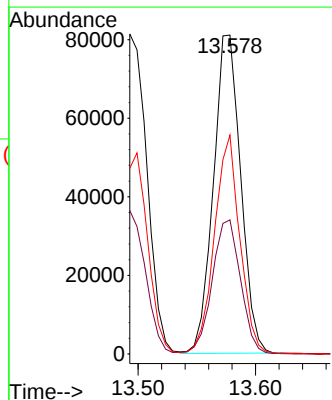
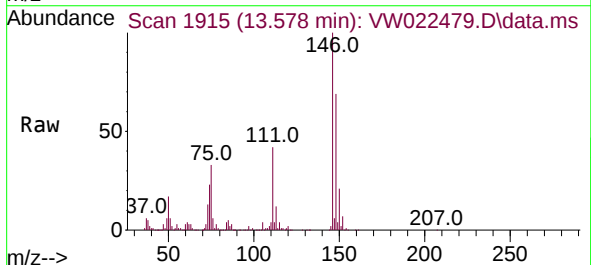
Instrument :
MSVOA_W
ClientSampleId :

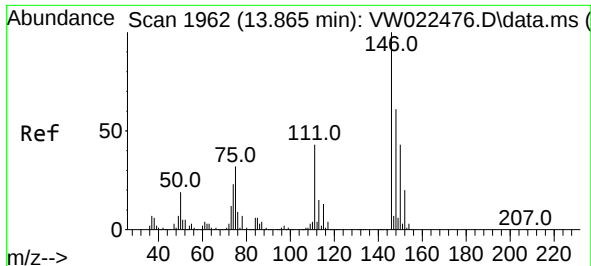
Tgt Ion:146 Resp: 129889
Ion Ratio Lower Upper
146 100
111 44.9 28.2 52.4
148 58.0 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 22.057 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022479.D
Acq: 11 Apr 2022 13:36

Tgt Ion:146 Resp: 130957
Ion Ratio Lower Upper
146 100
111 42.0 28.5 52.9
148 68.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 21.886 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

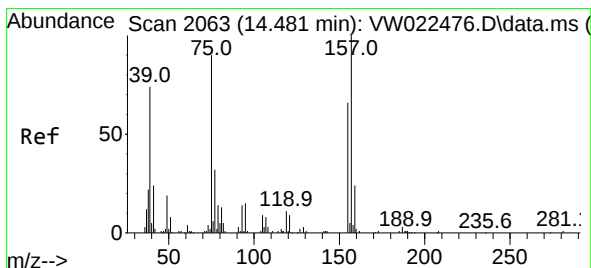
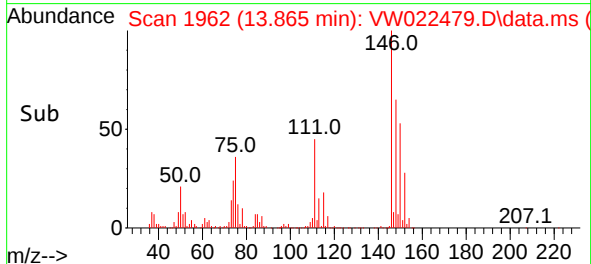
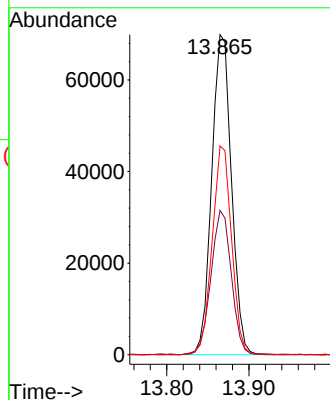
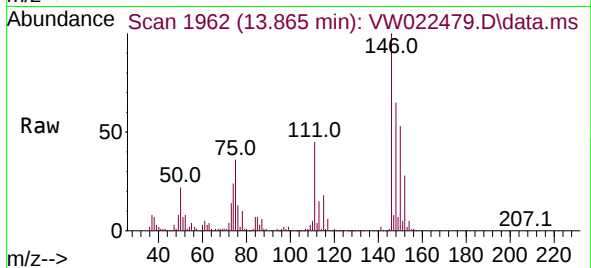
Tgt Ion:146 Resp: 116521

Ion Ratio Lower Upper

146 100

111 45.0 39.0 58.4

148 65.2 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 22.597 ug/L

RT: 14.480 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

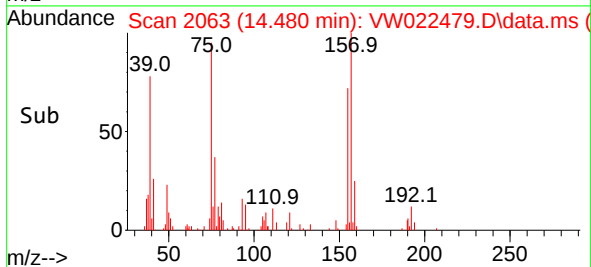
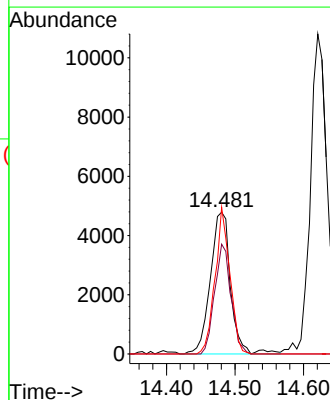
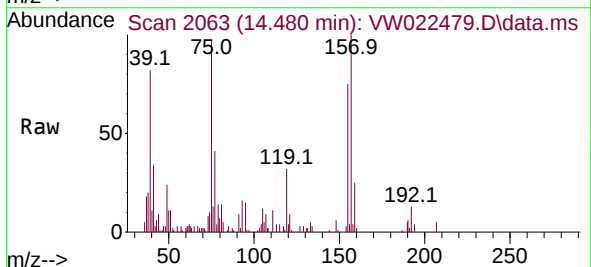
Tgt Ion: 75 Resp: 9844

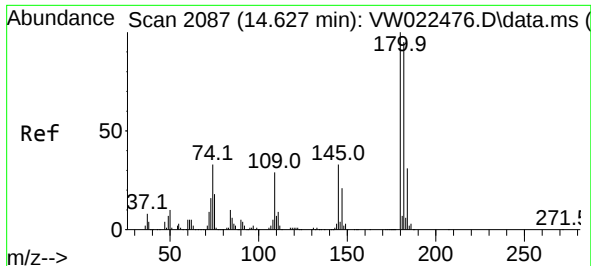
Ion Ratio Lower Upper

75 100

155 77.4 55.6 83.4

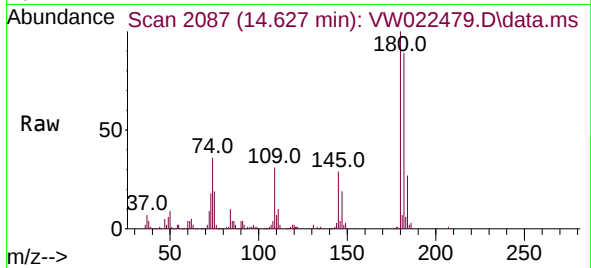
157 103.5 69.8 104.6



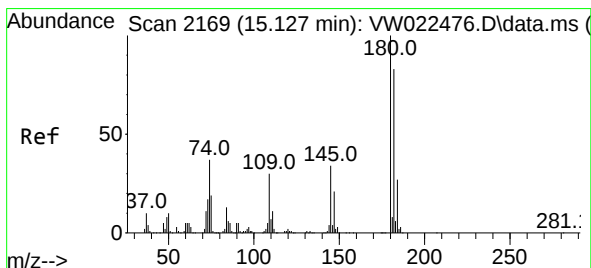
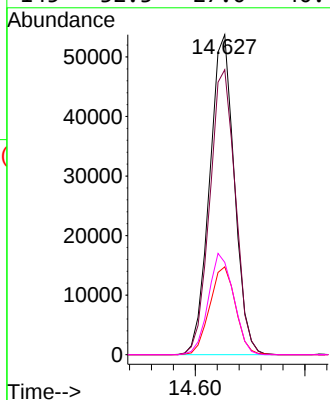
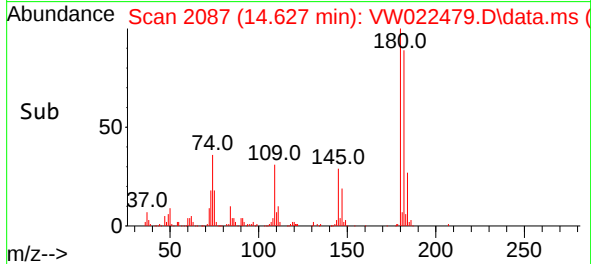


#69
 1,3,5-Trichlorobenzene
 Concen: 21.740 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36

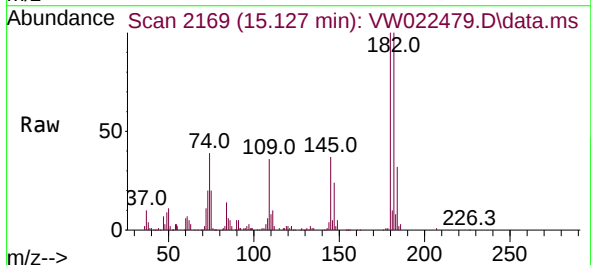
Instrument :
 MSVOA_W
 ClientSampleId :



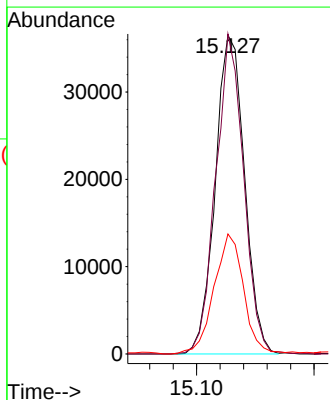
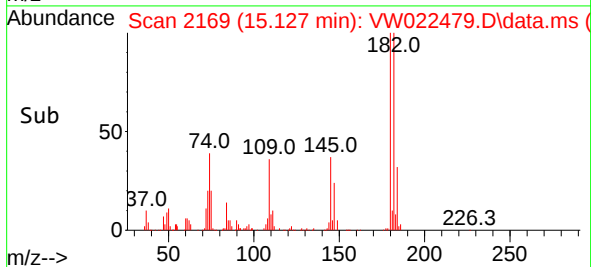
Tgt Ion:180 Resp: 84442
 Ion Ratio Lower Upper
 180 100
 182 91.7 79.1 118.7
 184 28.6 24.5 36.7
 145 32.3 27.0 40.4

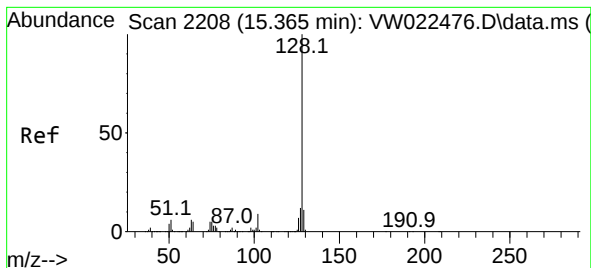


#70
 1,2,4-trichlorobenzene
 Concen: 19.423 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. -0.000 min
 Lab File: VW022479.D
 Acq: 11 Apr 2022 13:36



Tgt Ion:180 Resp: 63359
 Ion Ratio Lower Upper
 180 100
 182 95.3 72.8 109.2
 145 37.8 25.5 38.3





#71

Naphthalene

Concen: 18.731 ug/L

RT: 15.358 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Instrument :

MSVOA_W

ClientSampleId :

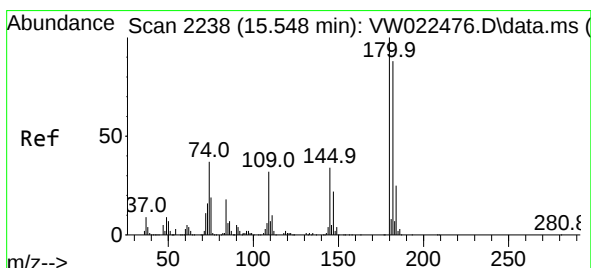
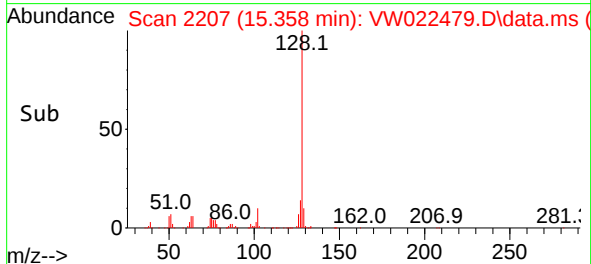
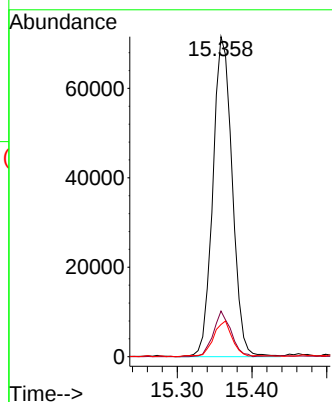
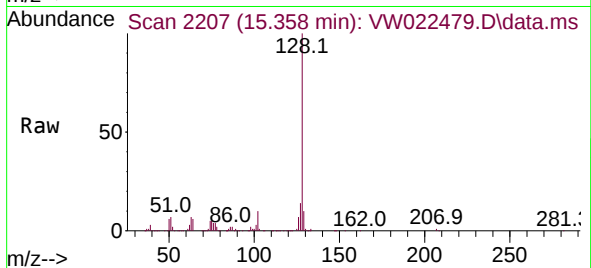
Tgt Ion:128 Resp: 128876

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.3 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 18.493 ug/L

RT: 15.553 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022479.D

Acq: 11 Apr 2022 13:36

Tgt Ion:180 Resp: 51565

Ion Ratio Lower Upper

180 100

182 91.7 73.4 110.0

145 39.4 27.0 40.6

