

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110621\
 Data File : VW020782.D
 Acq On : 05 Nov 2021 16:23
 Operator : SY/VA
 Sample : M4511-04MSD
 Misc : 5.47g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 08 04:53:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM110621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Nov 08 04:38:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	172944	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	159117	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82880	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	35784	22.007	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.040%
7) Chloroethane-d5	2.879	69	22314	24.223	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.880%
11) 1,1-Dichloroethene-d2	4.013	63	73465	21.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.080%
21) 2-Butanone-d5	7.074	46	22848	42.310	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.620%
24) Chloroform-d	7.647	84	87665	22.813	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.240%
26) 1,2-Dichloroethane-d4	8.305	65	44309	21.660	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.640%
32) Benzene-d6	8.275	84	160819	22.370	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.480%
36) 1,2-Dichloropropane-d6	9.275	67	49070	22.046	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.200%
41) Toluene-d8	10.323	98	153513	21.949	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	10.573	79	23498	21.285	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.160%
47) 2-Hexanone-d5	10.921	63	18515	41.112	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.220%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	40280	21.836	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	13.853	152	59974	23.026	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	26699	37.860	ug/L	98
3) Chloromethane	2.209	50	45280	24.539	ug/L	96
5) Vinyl chloride	2.355	62	66329	24.921	ug/L	99
6) Bromomethane	2.770	94	33617	24.406	ug/L	93
8) Chloroethane	2.910	64	25157	25.706	ug/L	98
9) Trichlorofluoromethane	3.251	101	28088	19.897	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	55693	23.988	ug/L #	89
12) 1,1-Dichloroethene	4.038	96	53129	24.012	ug/L	75
13) Acetone	4.123	43	15149	30.529	ug/L	87
14) Carbon disulfide	4.379	76	153454	22.977	ug/L	99
15) Methyl Acetate	4.666	43	18291	19.429	ug/L	93
16) Methylene chloride	4.916	84	50632	19.771	ug/L	91
17) trans-1,2-Dichloroethene	5.428	96	56529	24.035	ug/L	85
18) Methyl tert-butyl Ether	5.422	73	72788	21.871	ug/L	96
19) 1,1-Dichloroethane	6.214	63	97515	23.939	ug/L	98
20) cis-1,2-Dichloroethene	7.165	96	59513	24.004	ug/L	83
22) 2-Butanone	7.171	43	25424	38.161	ug/L	90
23) Bromochloromethane	7.513	128	26046	22.765	ug/L #	78
25) Chloroform	7.671	83	100757	23.759	ug/L	98

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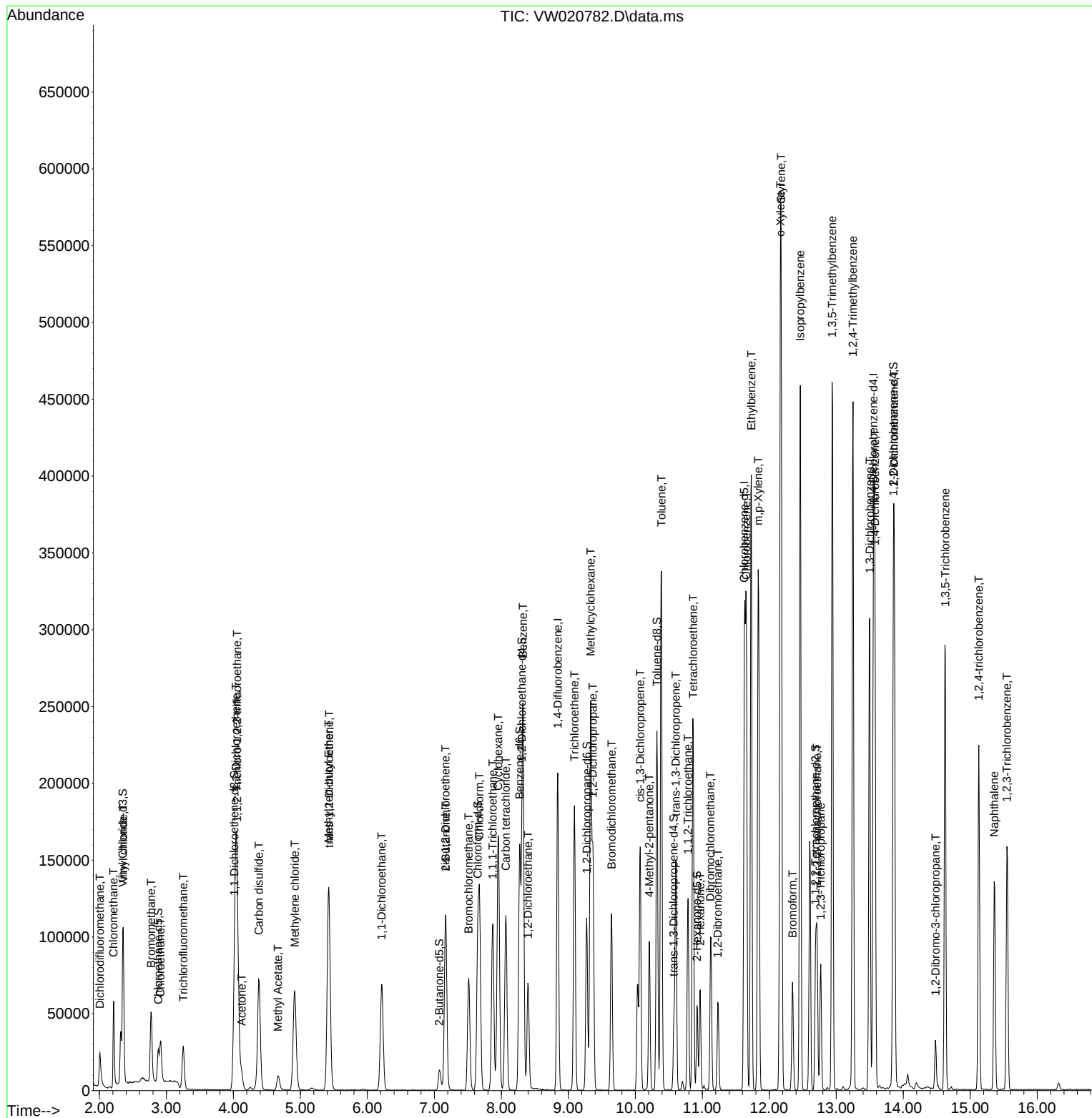
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	61683	22.469	ug/L #	95
29) Cyclohexane	7.952	56	95061	22.898	ug/L	91
30) 1,1,1-Trichloroethane	7.872	97	89297	23.616	ug/L	94
31) Carbon tetrachloride	8.068	117	84897	23.594	ug/L	97
33) Benzene	8.324	78	221767	23.272	ug/L	100
34) Trichloroethene	9.092	95	61180	24.119	ug/L	94
35) Methylcyclohexane	9.336	83	103660	23.418	ug/L	90
37) 1,2-Dichloropropane	9.366	63	52381	23.216	ug/L	98
38) Bromodichloromethane	9.646	83	74454	23.574	ug/L #	98
39) cis-1,3-Dichloropropene	10.073	75	86048	23.434	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	62242	42.211	ug/L #	96
42) Toluene	10.390	91	246385	24.044	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	75731	22.801	ug/L	99
45) 1,1,2-Trichloroethane	10.787	97	37256	22.250	ug/L	96
46) Tetrachloroethene	10.866	164	54189	23.818	ug/L	94
48) 2-Hexanone	10.969	43	42573	39.540	ug/L #	96
49) Dibromochloromethane	11.122	129	52379	22.907	ug/L	93
50) 1,2-Dibromoethane	11.232	107	37716	22.215	ug/L #	98
51) Chlorobenzene	11.658	112	157403	23.814	ug/L	95
52) Ethylbenzene	11.731	91	274378	23.898	ug/L	98
53) m,p-Xylene	11.835	106	110507	24.023	ug/L	92
54) o-Xylene	12.164	106	105764	24.272	ug/L	92
55) Styrene	12.177	104	177061	23.901	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	43624	22.230	ug/L #	94
59) Bromoform	12.347	173	31222	22.272	ug/L	98
60) Isopropylbenzene	12.463	105	288541	25.259	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	31290	22.845	ug/L	94
62) 1,3,5-Trimethylbenzene	12.939	105	242970	24.752	ug/L	93
63) 1,2,4-Trimethylbenzene	13.249	105	241826	24.800	ug/L	97
64) 1,3-Dichlorobenzene	13.499	146	128546	24.270	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	122632	23.243	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	111054	23.737	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	7407	22.123	ug/L #	58
69) 1,3,5-Trichlorobenzene	14.627	180	91998	21.883	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	72797	20.772	ug/L	92
71) Naphthalene	15.359	128	118094	19.935	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	56214	18.875	ug/L	98

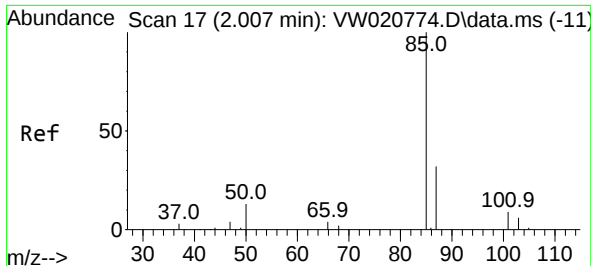
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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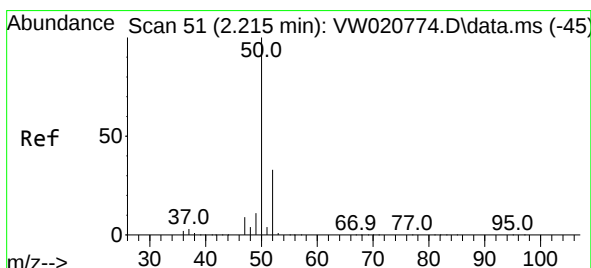
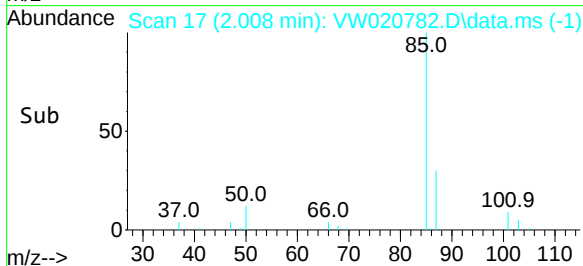
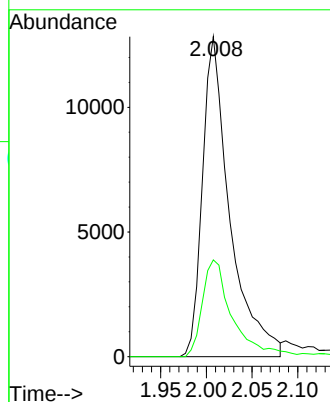
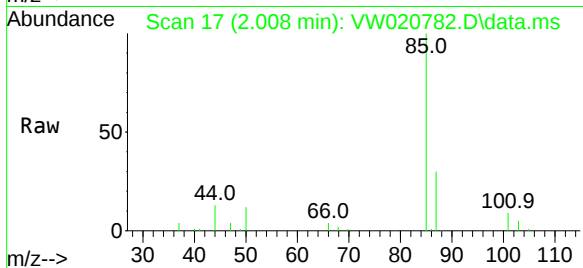




#2
 Dichlorodifluoromethane
 Concen: 37.860 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

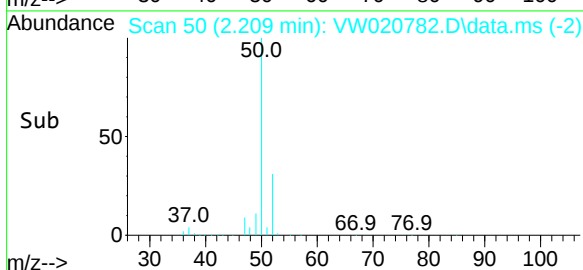
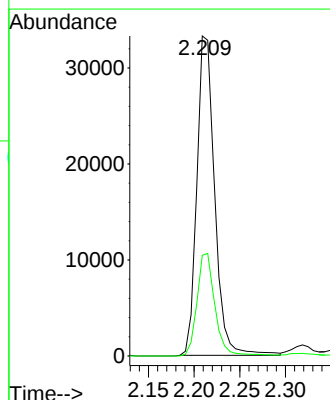
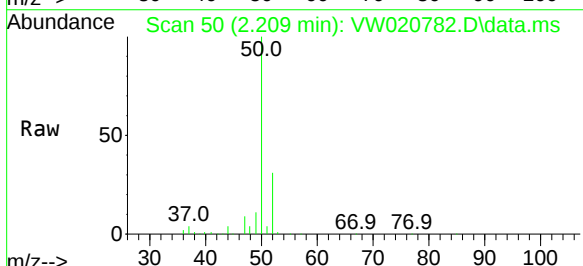
Instrument :
 MSVOA_W
 ClientSampleId :

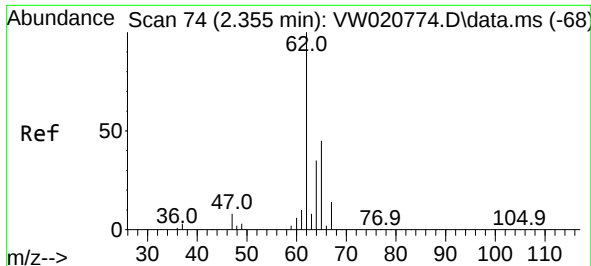
Tgt Ion: 85 Resp: 26699
 Ion Ratio Lower Upper
 85 100
 87 31.1 25.8 38.6



#3
 Chloromethane
 Concen: 24.539 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.006 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

Tgt Ion: 50 Resp: 45280
 Ion Ratio Lower Upper
 50 100
 52 31.5 23.4 43.6

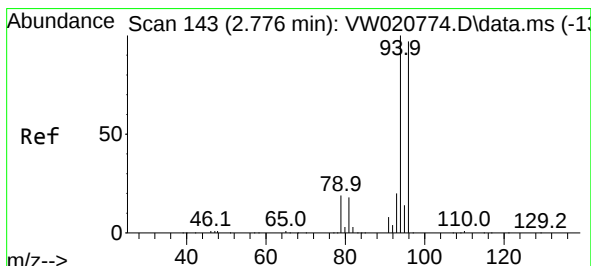
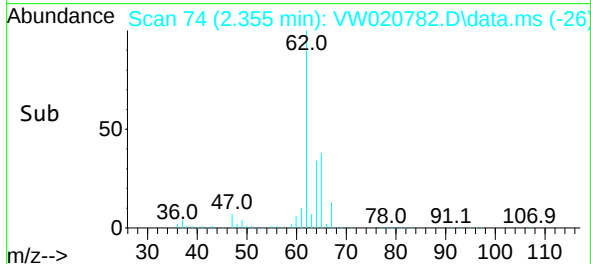
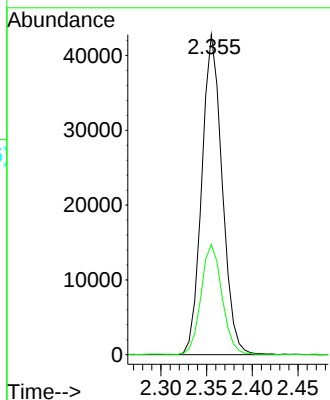
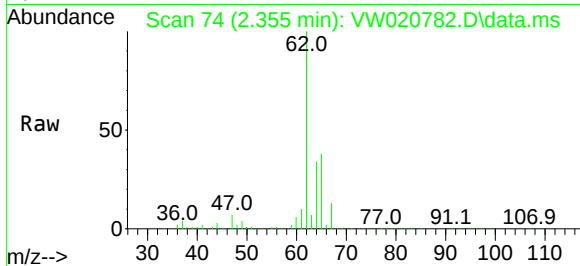




#5
 Vinyl chloride
 Concen: 24.921 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

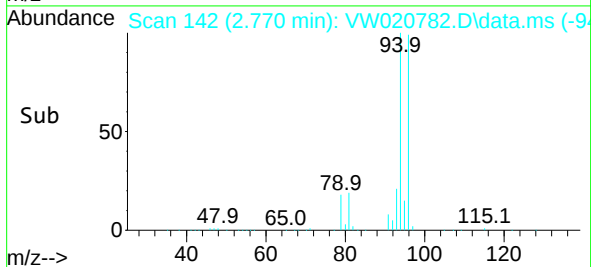
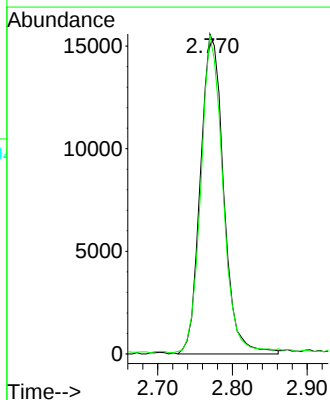
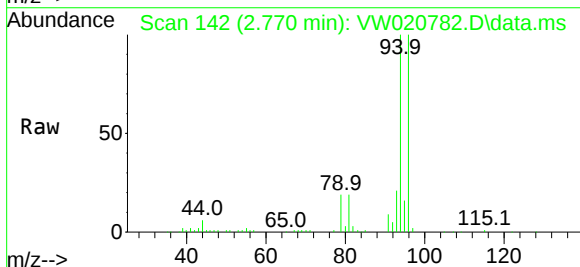
Instrument :
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 ClientSampleId :

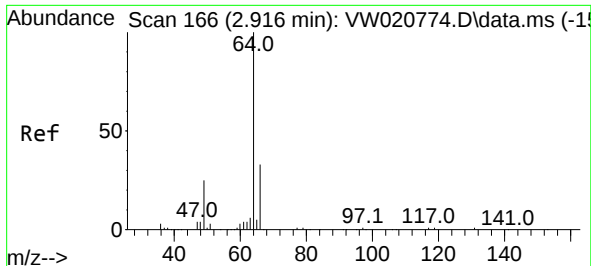
Tgt Ion: 62 Resp: 66329
 Ion Ratio Lower Upper
 62 100
 64 34.4 24.4 45.2



#6
 Bromomethane
 Concen: 24.406 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.006 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

Tgt Ion: 94 Resp: 33617
 Ion Ratio Lower Upper
 94 100
 96 99.6 64.8 120.4

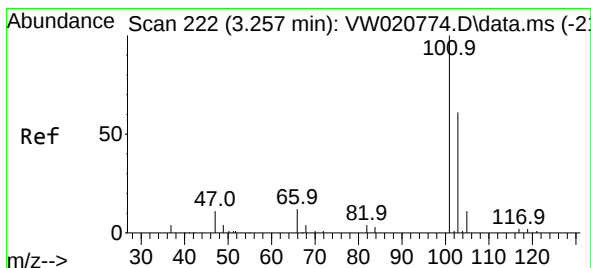
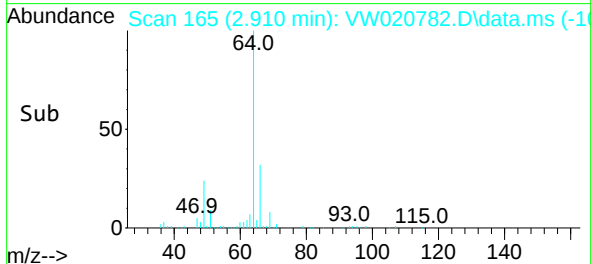
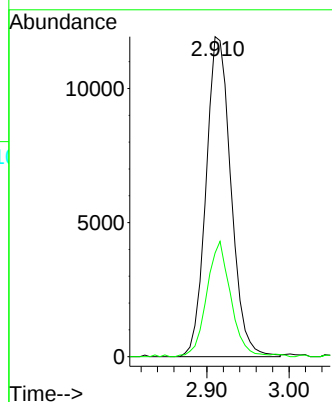
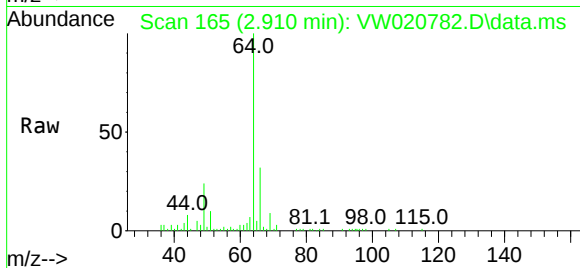




#8
Chloroethane
Concen: 25.706 ug/L
RT: 2.910 min Scan# 1
Delta R.T. -0.012 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

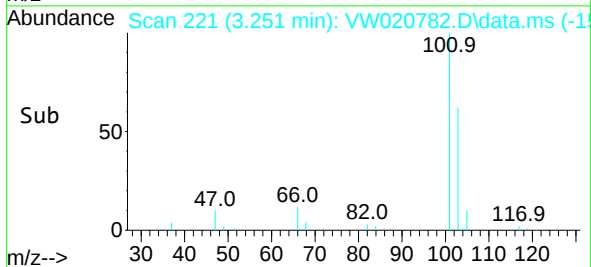
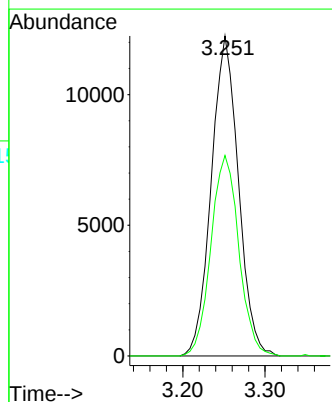
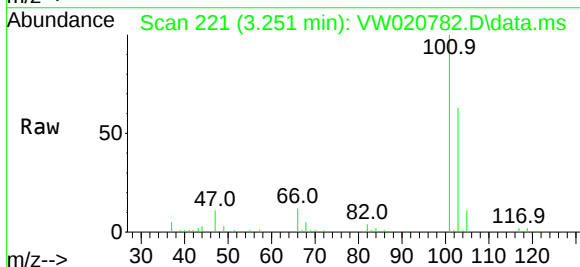
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MSVOA_W
ClientSampleId :

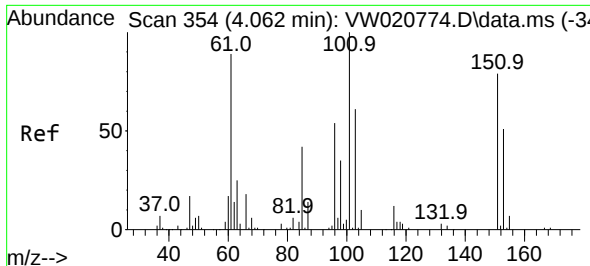
Tgt Ion: 64 Resp: 25157
Ion Ratio Lower Upper
64 100
66 32.4 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.897 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 101 Resp: 28088
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2

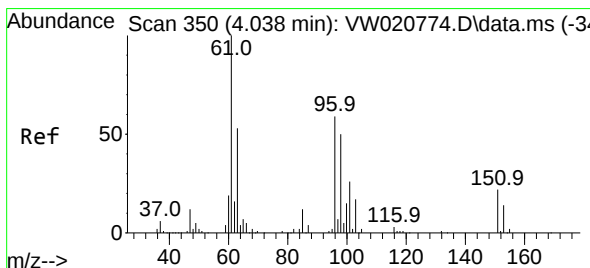
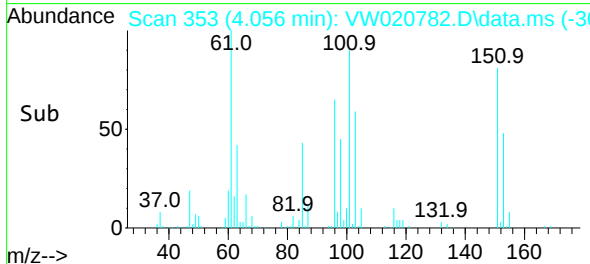
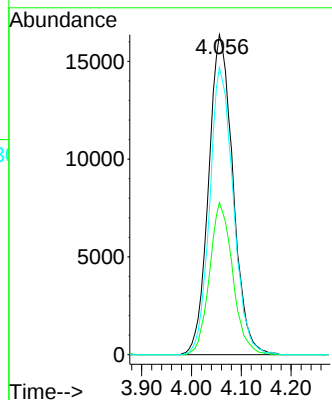
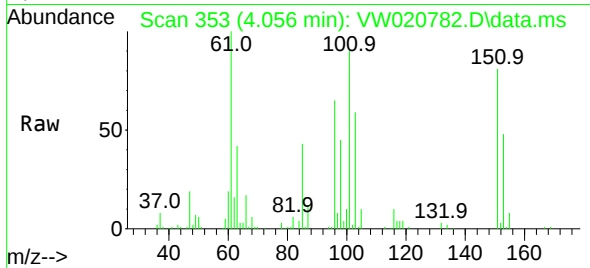




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.988 ug/L
 RT: 4.056 min Scan# 31
 Delta R.T. -0.012 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

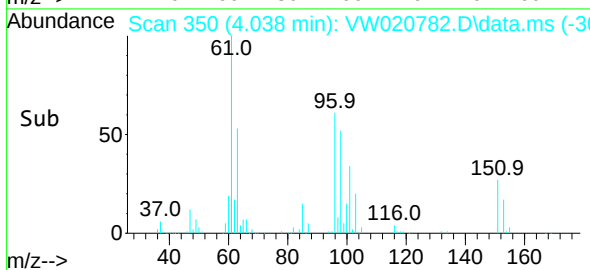
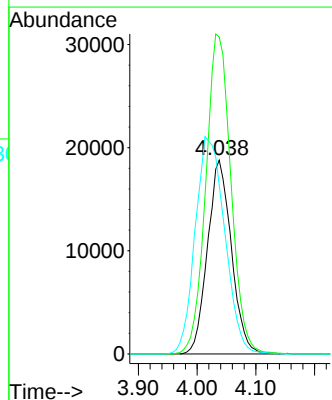
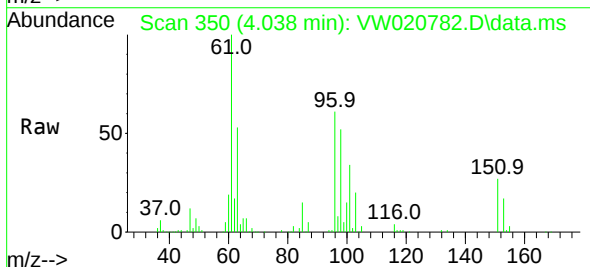
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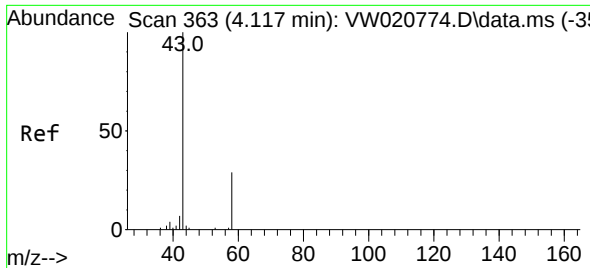
Tgt Ion:101 Resp: 55693
 Ion Ratio Lower Upper
 101 100
 85 44.9 36.6 54.8
 151 86.6 57.4 86.0#



#12
 1,1-Dichloroethene
 Concen: 24.012 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW020782.D
 Acq: 05 Nov 2021 16:23

Tgt Ion: 96 Resp: 53129
 Ion Ratio Lower Upper
 96 100
 61 163.6 138.3 256.9
 63 87.2 82.6 153.4





#13

Acetone

Concen: 30.529 ug/L

RT: 4.123 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

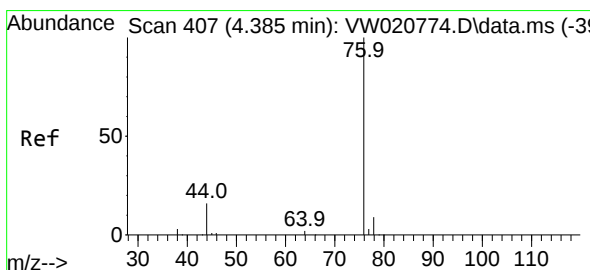
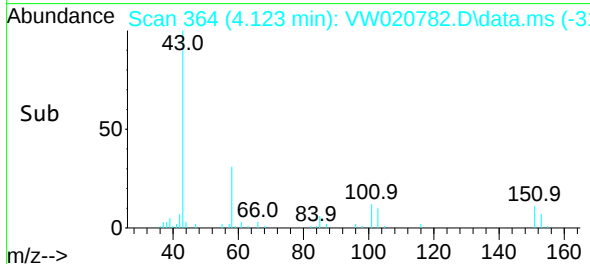
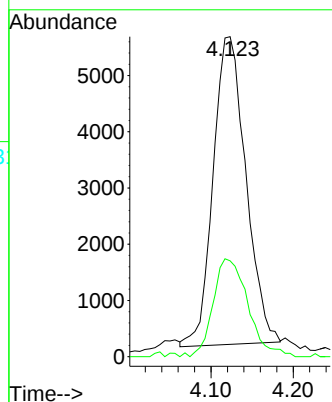
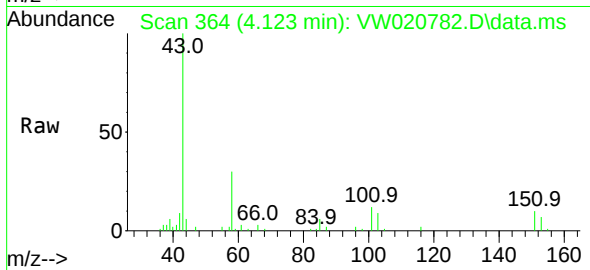
ClientSampleId :

Tgt Ion: 43 Resp: 15149

Ion Ratio Lower Upper

43 100

58 33.1 0.0 52.8



#14

Carbon disulfide

Concen: 22.977 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

Lab File: VW020782.D

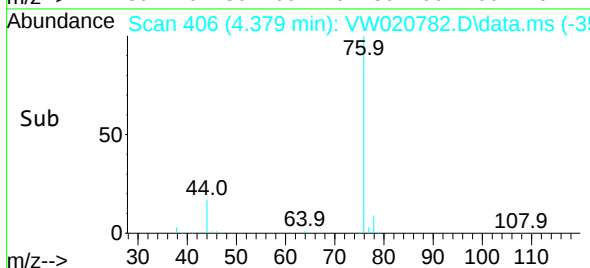
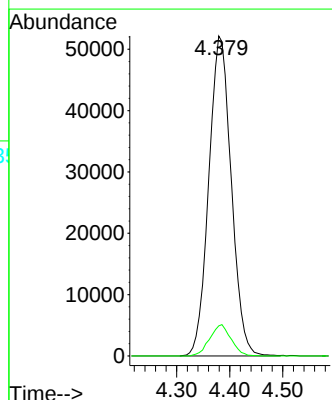
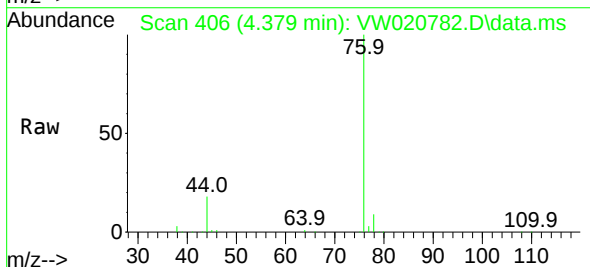
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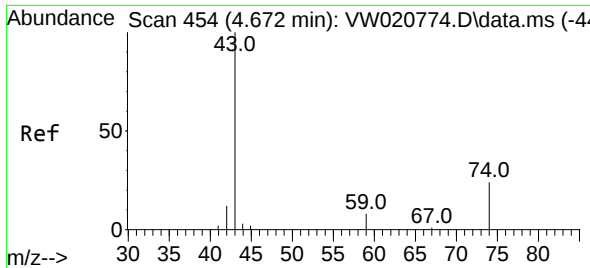
Tgt Ion: 76 Resp: 153454

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

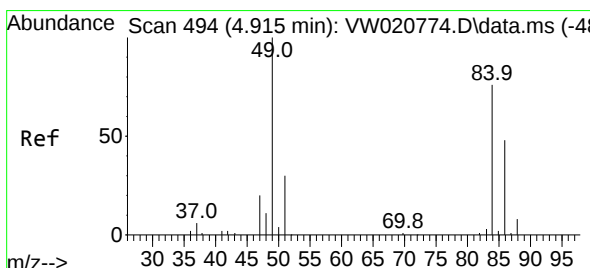
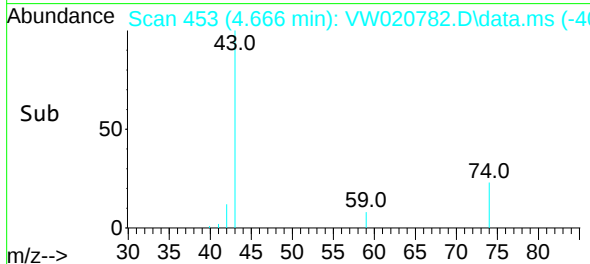
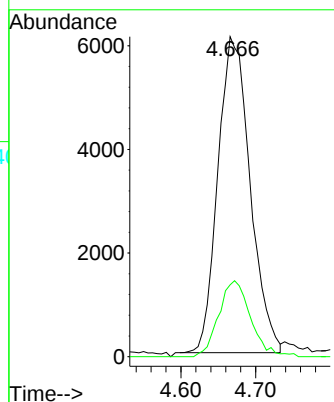
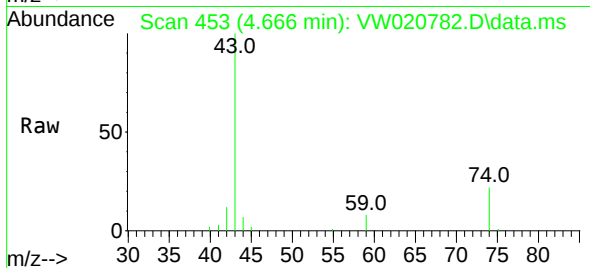




#15
Methyl Acetate
Concen: 19.429 ug/L
RT: 4.666 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

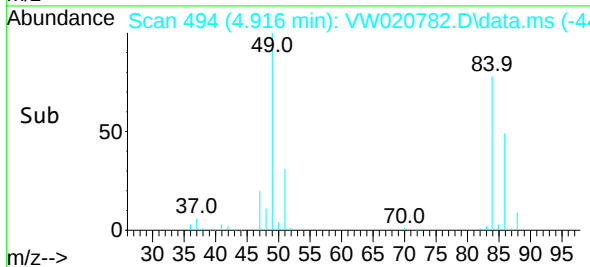
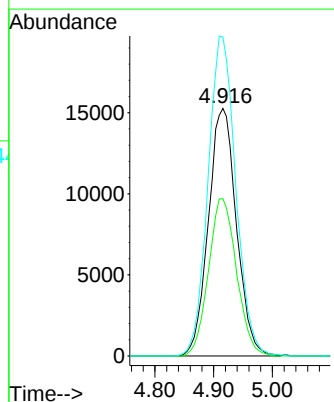
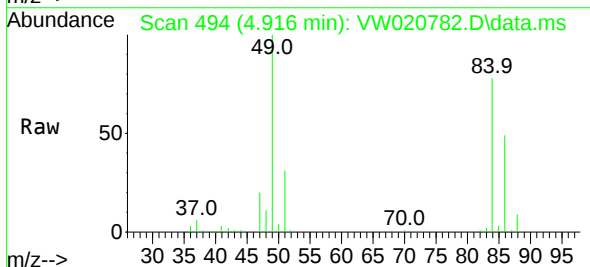
Instrument :
MSVOA_W
ClientSampleId :

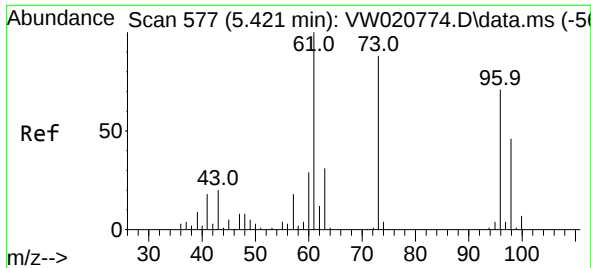
Tgt Ion: 43 Resp: 18291
Ion Ratio Lower Upper
43 100
74 23.7 16.4 24.6



#16
Methylene chloride
Concen: 19.771 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 84 Resp: 50632
Ion Ratio Lower Upper
84 100
86 63.5 45.5 84.5
49 128.8 100.5 186.7

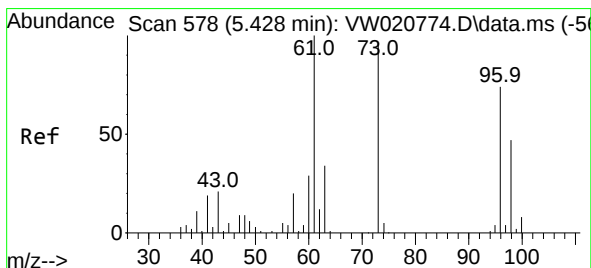
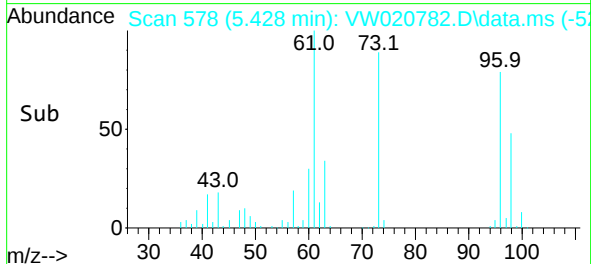
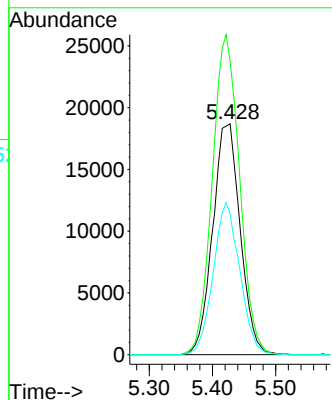
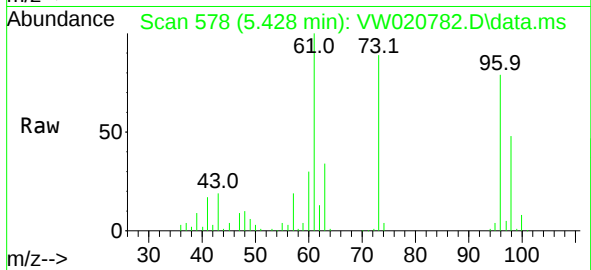




#17
trans-1,2-Dichloroethene
Concen: 24.035 ug/L
RT: 5.428 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

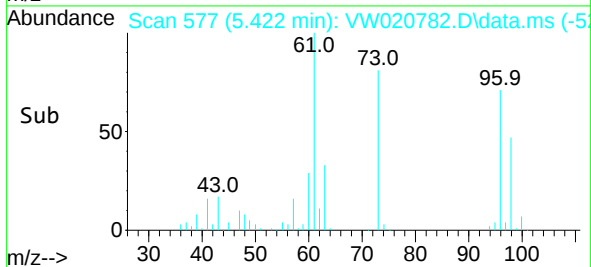
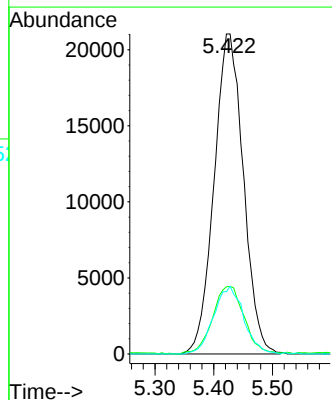
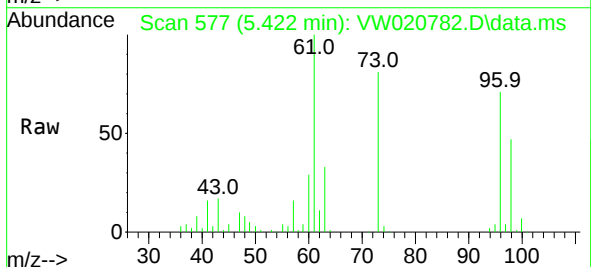
Instrument :
MSVOA_W
ClientSampleId :

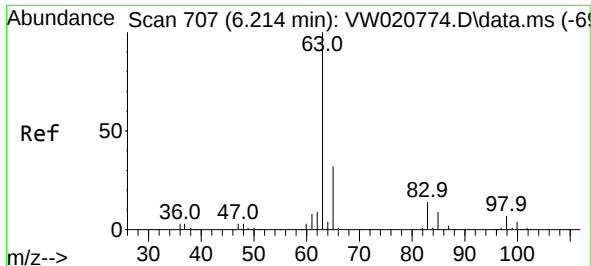
Tgt Ion: 96 Resp: 56529
Ion Ratio Lower Upper
96 100
61 127.1 107.4 199.4
98 60.9 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 21.871 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 73 Resp: 72788
Ion Ratio Lower Upper
73 100
43 22.7 19.5 29.3
57 21.7 19.3 28.9





#19

1,1-Dichloroethane

Concen: 23.939 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

Lab File: VW020782.D

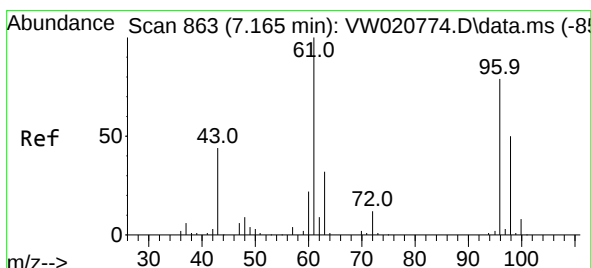
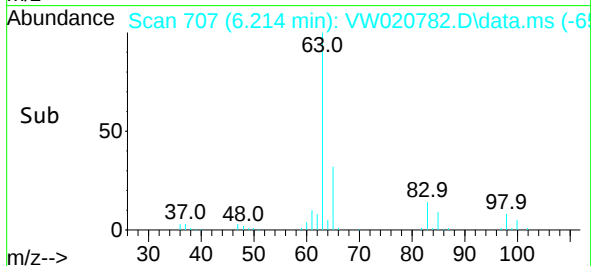
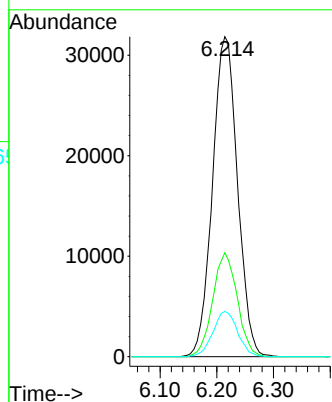
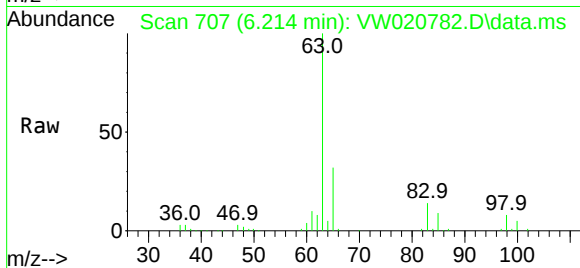
Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 97515
Ion Ratio	Lower Upper
63 100	
65 32.5	22.1 41.1
83 14.2	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.004 ug/L

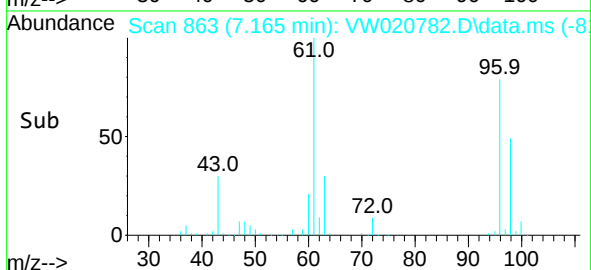
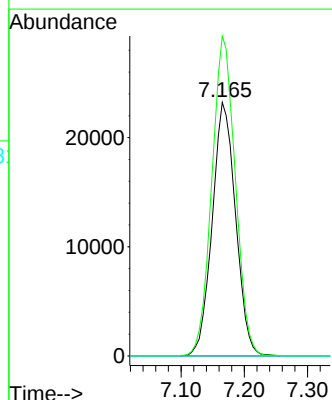
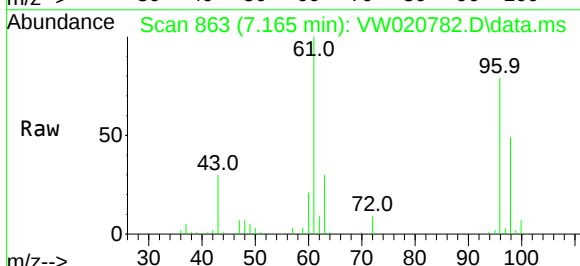
RT: 7.165 min Scan# 863

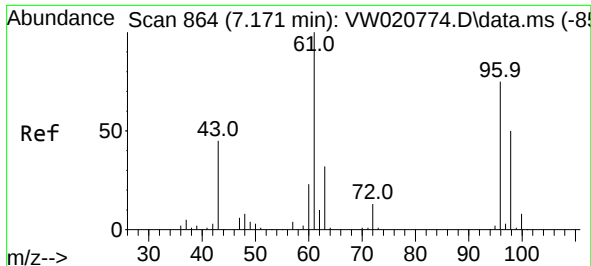
Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Tgt Ion: 96	Resp: 59513
Ion Ratio	Lower Upper
96 100	
61 126.2	103.7 192.7
68 0.0	0.0 0.0

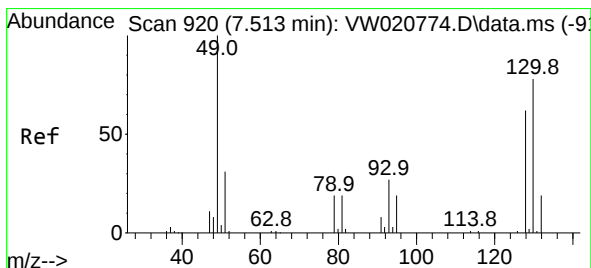
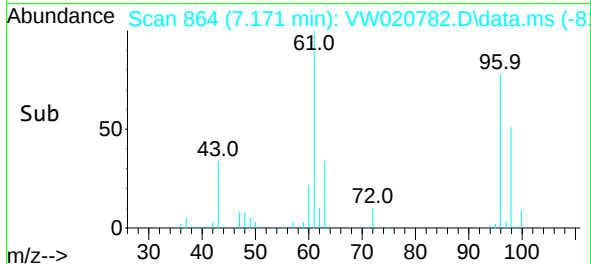
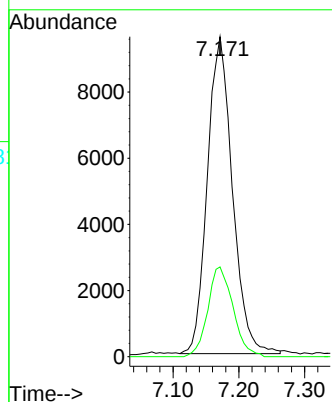
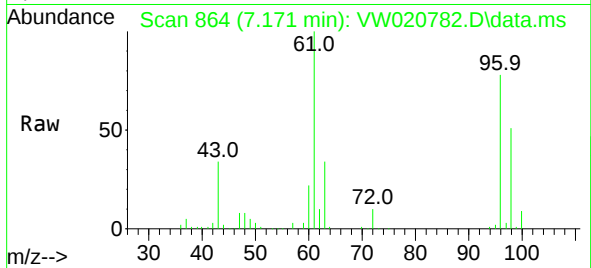




#22
2-Butanone
Concen: 38.161 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

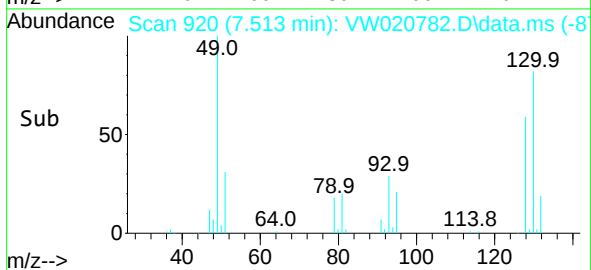
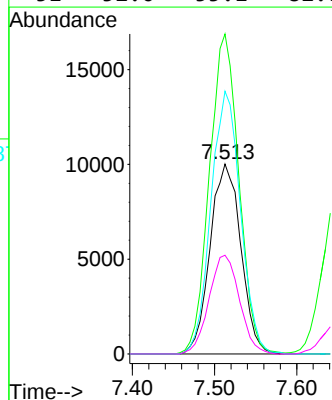
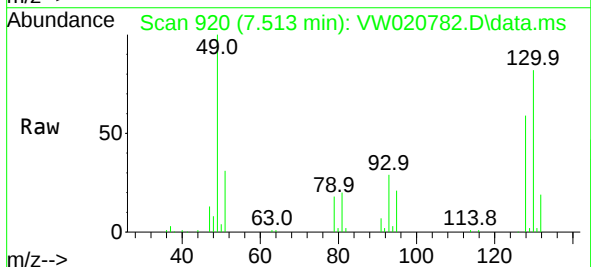
Instrument :
MSVOA_W
ClientSampleId :

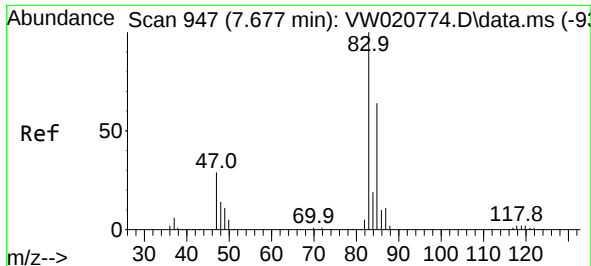
Tgt Ion: 43 Resp: 25424
Ion Ratio Lower Upper
43 100
72 28.4 11.8 35.4



#23
Bromochloromethane
Concen: 22.765 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

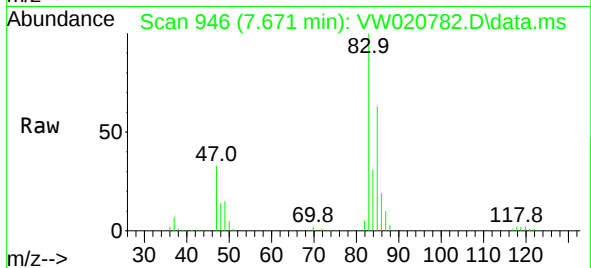
Tgt Ion: 128 Resp: 26046
Ion Ratio Lower Upper
128 100
49 168.4 150.3 279.1
130 138.3 88.3 163.9
51 52.0 55.1 82.7#



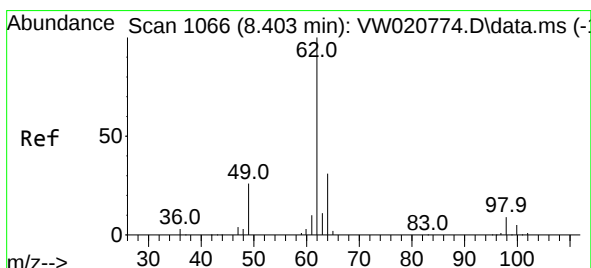
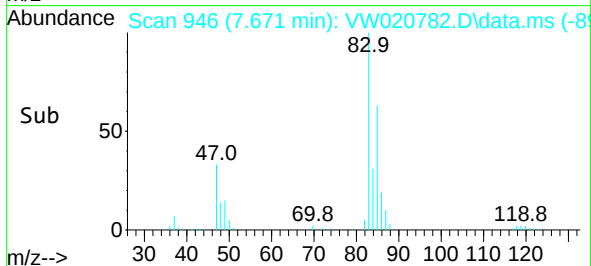
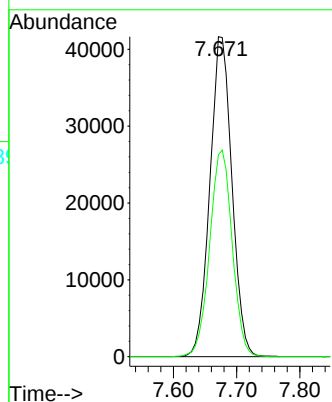


#25
Chloroform
Concen: 23.759 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Instrument :
MSVOA_W
ClientSampleId :

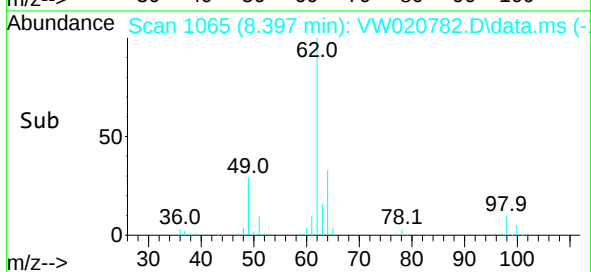
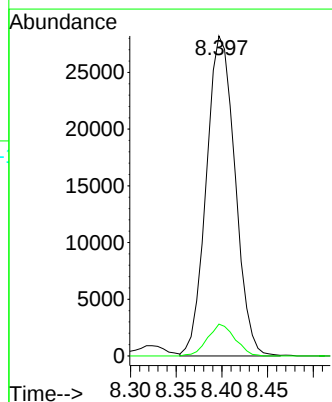
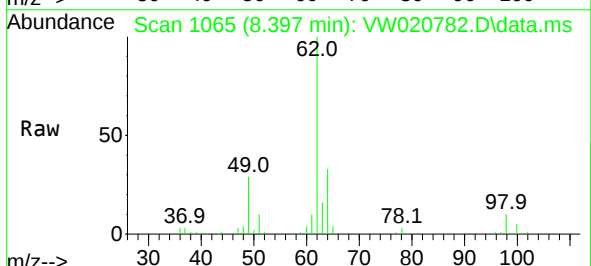


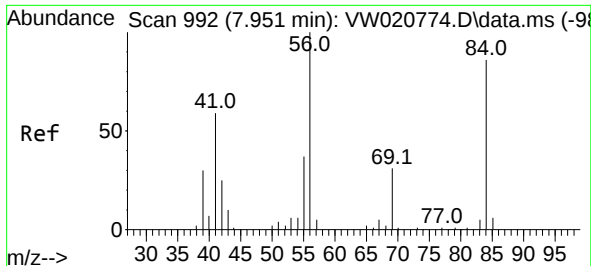
Tgt Ion: 83 Resp: 100757
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.469 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 62 Resp: 61683
Ion Ratio Lower Upper
62 100
98 9.9 6.5 9.7#





#29

Cyclohexane

Concen: 22.898 ug/L

RT: 7.952 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

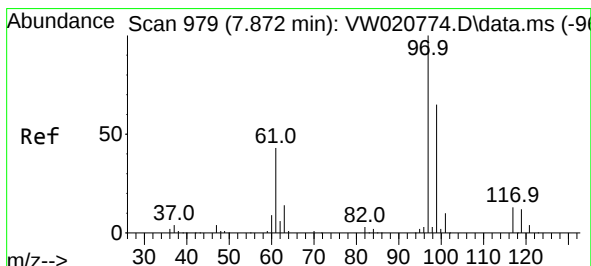
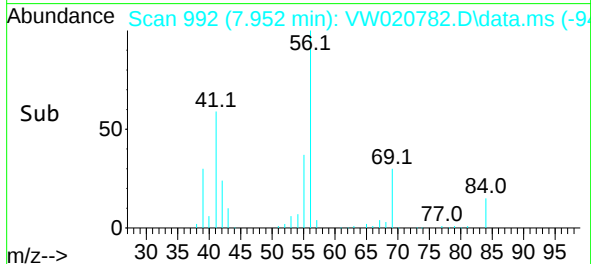
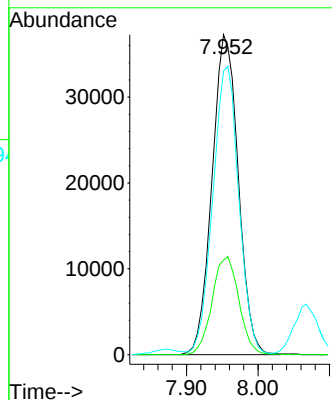
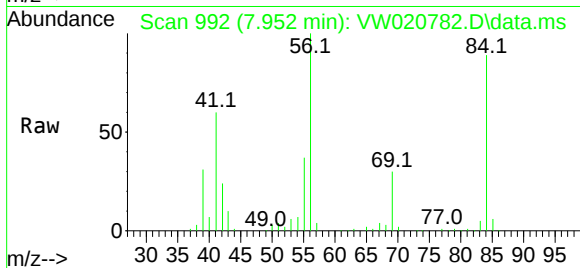
Tgt Ion: 56 Resp: 95061

Ion Ratio Lower Upper

56 100

69 31.2 23.5 35.3

84 89.4 63.4 95.2



#30

1,1,1-Trichloroethane

Concen: 23.616 ug/L

RT: 7.872 min Scan# 979

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

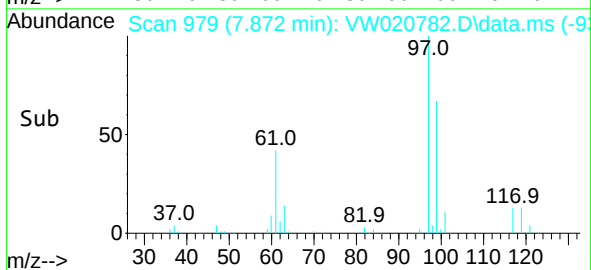
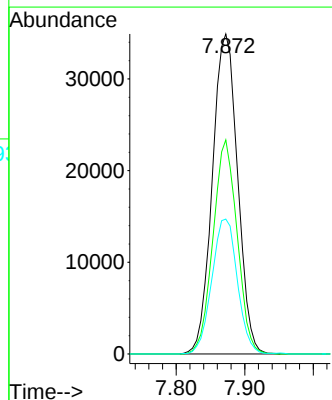
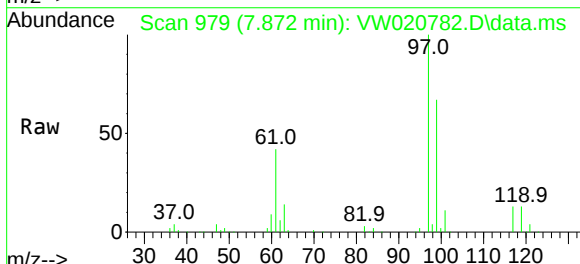
Tgt Ion: 97 Resp: 89297

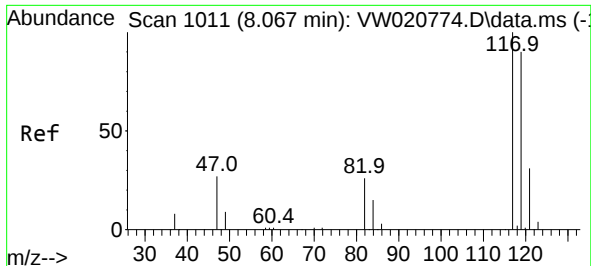
Ion Ratio Lower Upper

97 100

99 63.8 51.6 77.4

61 42.7 40.9 61.3

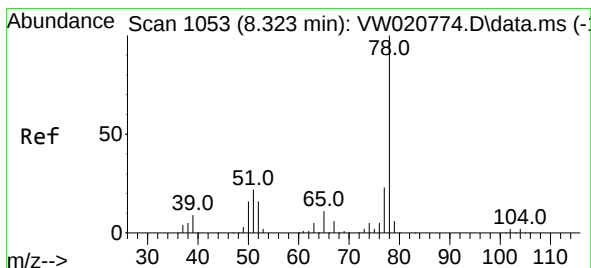
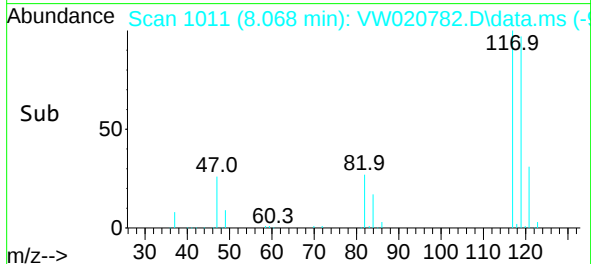
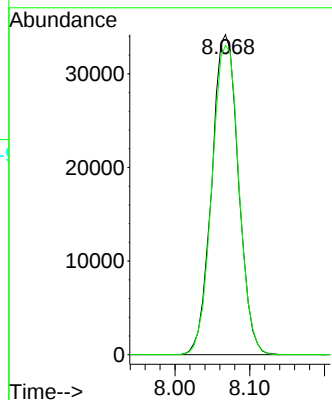
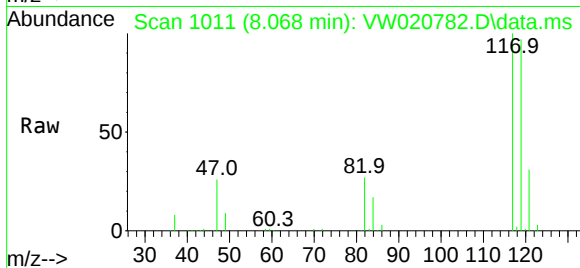




#31
Carbon tetrachloride
Concen: 23.594 ug/L
RT: 8.068 min Scan# 1011
Delta R.T. 0.001 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

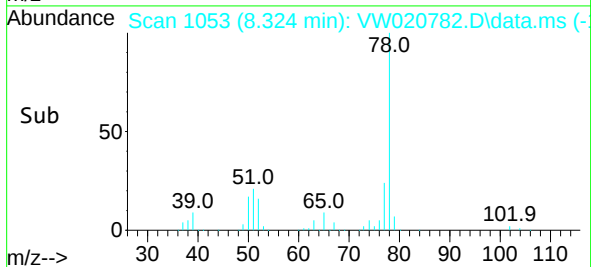
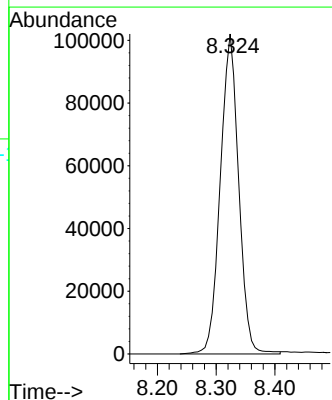
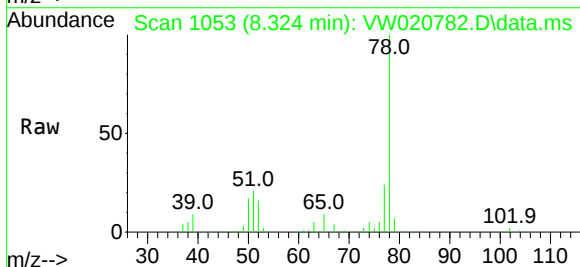
Instrument :
MSVOA_W
ClientSampleId :

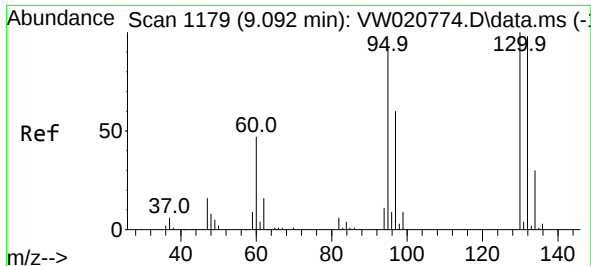
Tgt Ion:117 Resp: 84897
Ion Ratio Lower Upper
117 100
119 97.7 75.7 113.5



#33
Benzene
Concen: 23.272 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

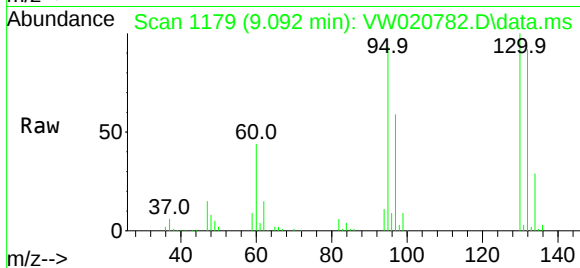
Tgt Ion: 78 Resp: 221767



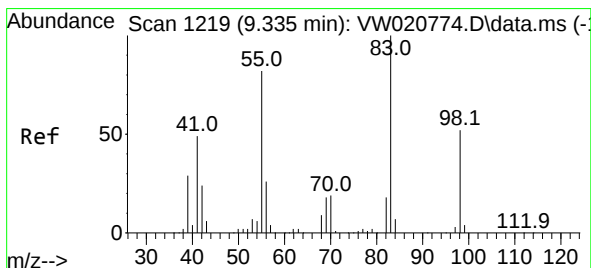
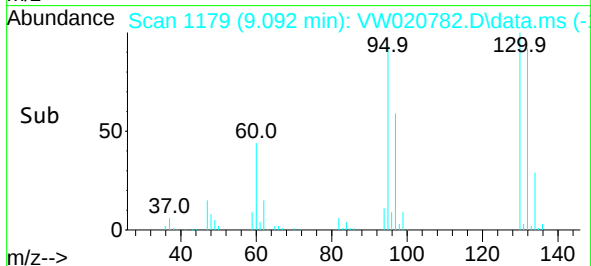
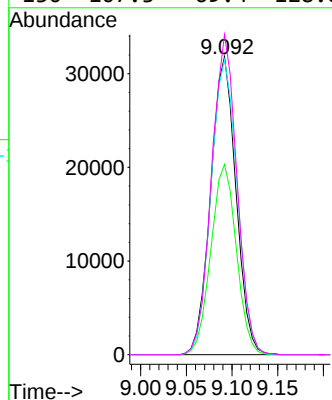


#34
Trichloroethene
Concen: 24.119 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Instrument :
MSVOA_W
ClientSampleId :

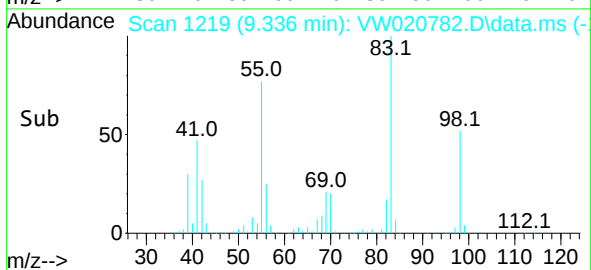
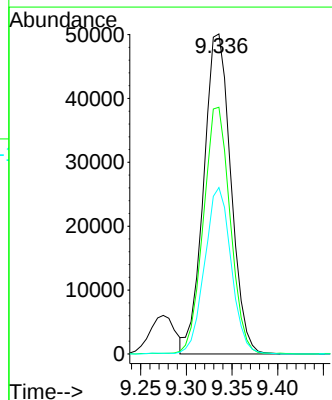
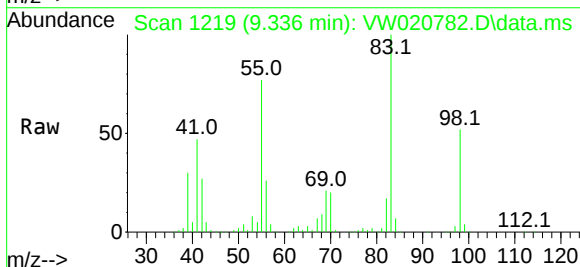


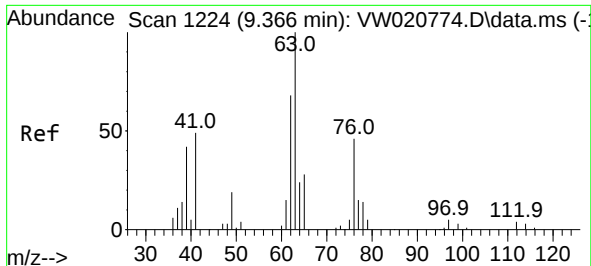
Tgt Ion: 95 Resp: 61180
Ion Ratio Lower Upper
95 100
97 63.8 47.0 87.2
132 99.0 65.5 121.6
130 107.3 69.4 128.8



#35
Methylcyclohexane
Concen: 23.418 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 83 Resp: 103660
Ion Ratio Lower Upper
83 100
55 76.1 70.8 106.2
98 50.6 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.216 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

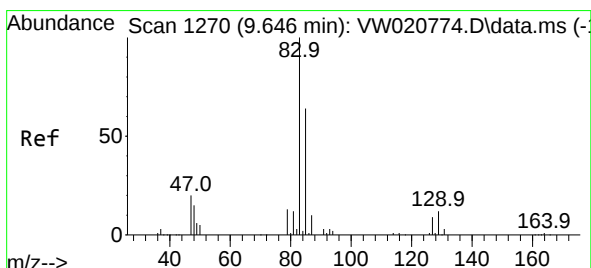
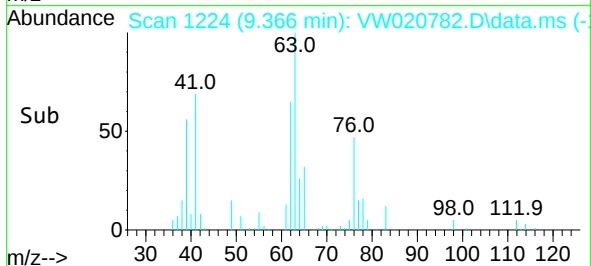
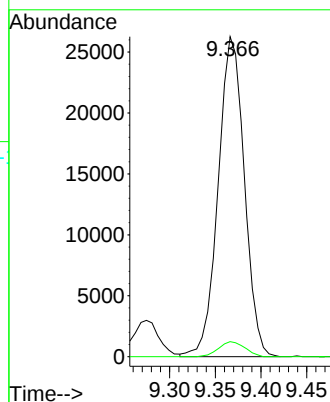
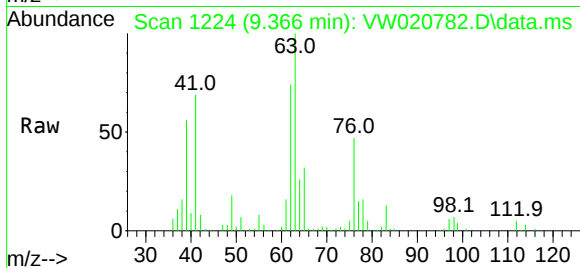
ClientSampleId :

Tgt Ion: 63 Resp: 52381

Ion Ratio Lower Upper

63 100

112 4.7 3.2 4.8



#38

Bromodichloromethane

Concen: 23.574 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

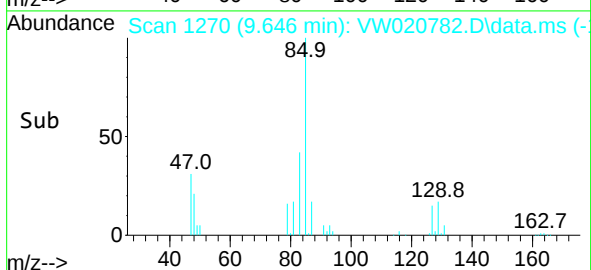
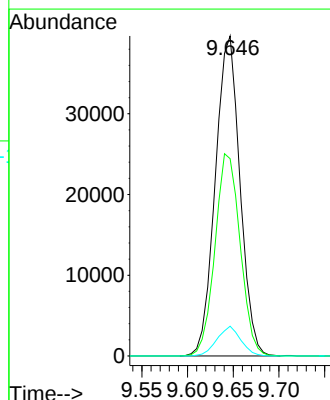
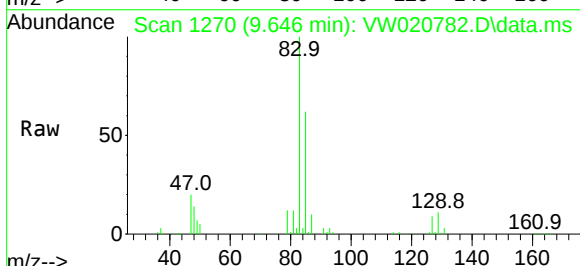
Tgt Ion: 83 Resp: 74454

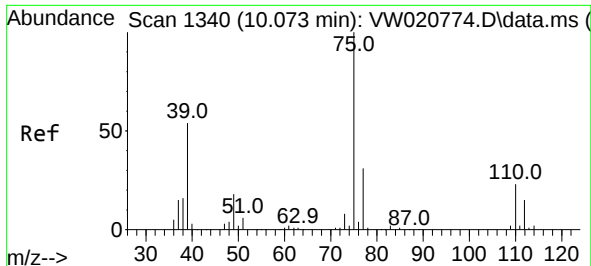
Ion Ratio Lower Upper

83 100

85 61.7 44.1 81.9

127 9.3 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 23.434 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

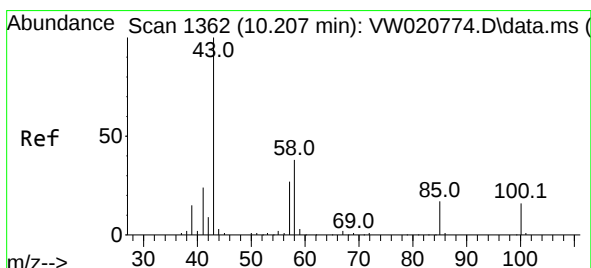
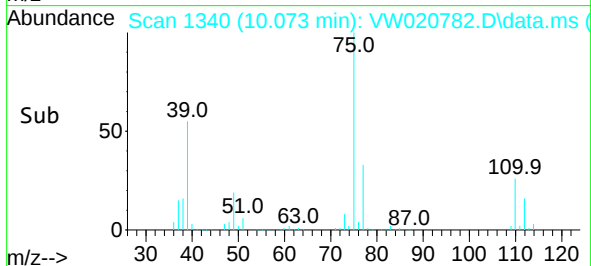
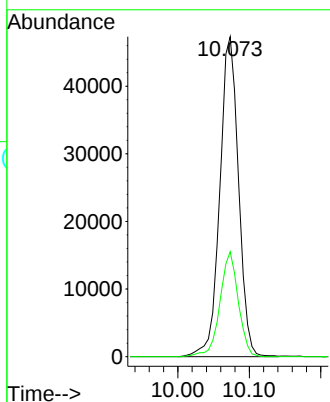
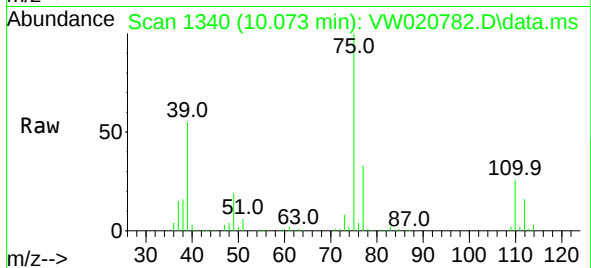
ClientSampleId :

Tgt Ion: 75 Resp: 86048

Ion Ratio Lower Upper

75 100

77 32.8 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 42.211 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

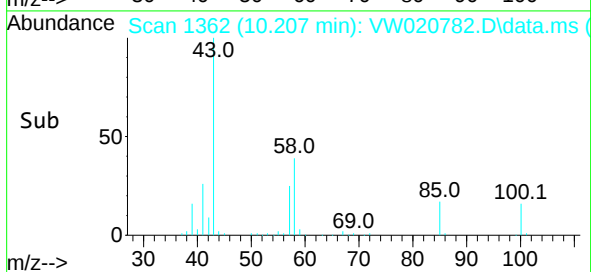
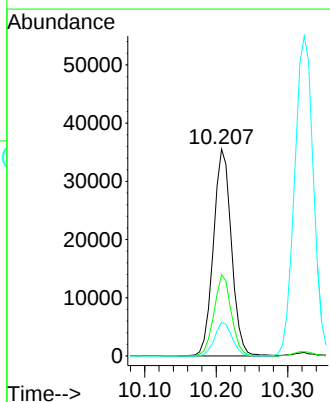
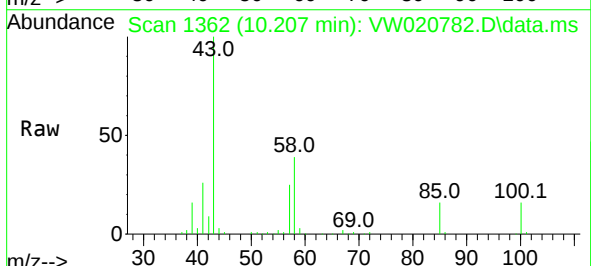
Tgt Ion: 43 Resp: 62242

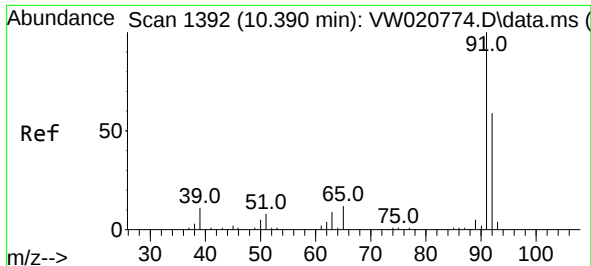
Ion Ratio Lower Upper

43 100

58 37.7 28.8 43.2

100 15.7 10.0 15.0#

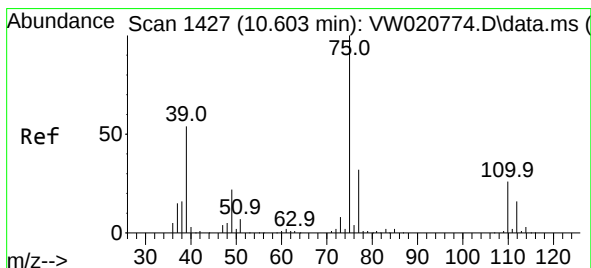
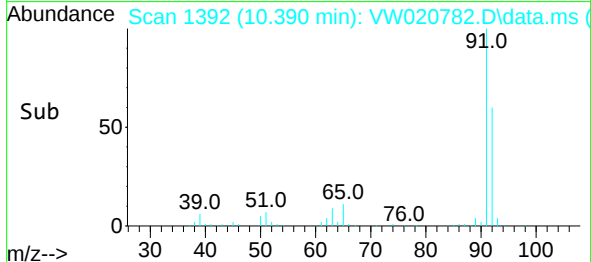
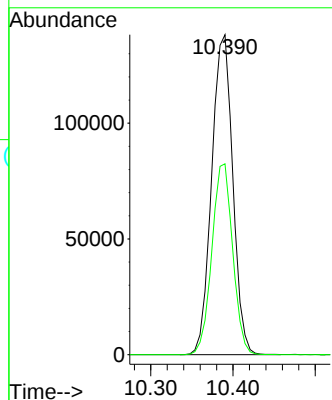
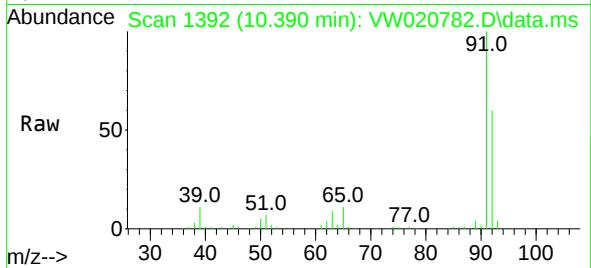




#42
Toluene
Concen: 24.044 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

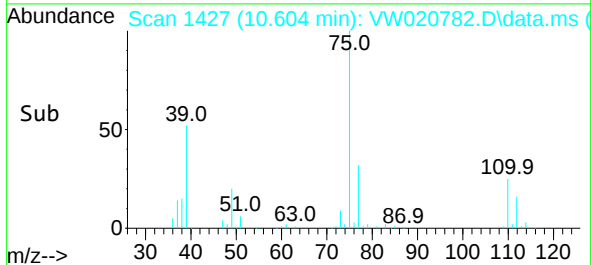
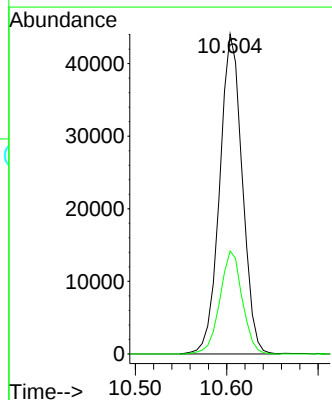
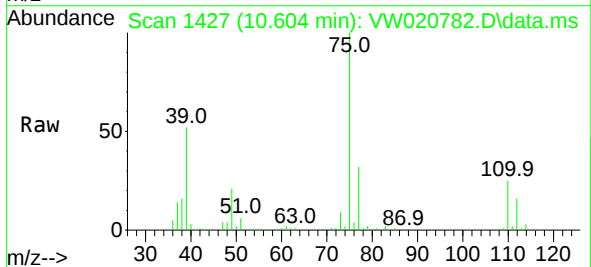
Instrument :
MSVOA_W
ClientSampleId :

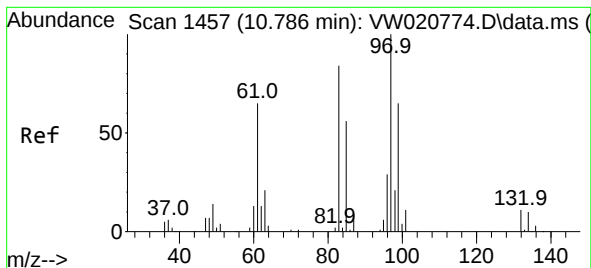
Tgt Ion: 91 Resp: 246385
Ion Ratio Lower Upper
91 100
92 59.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.801 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 75 Resp: 75731
Ion Ratio Lower Upper
75 100
77 32.2 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 22.250 ug/L

RT: 10.787 min Scan# 14

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 37256

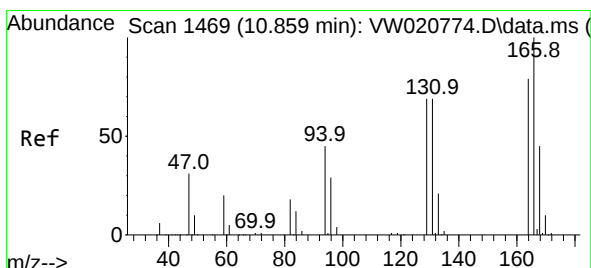
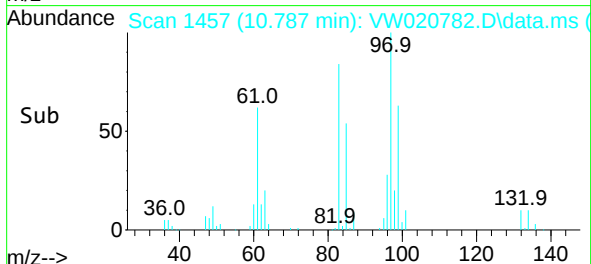
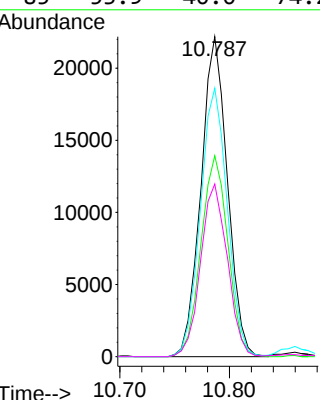
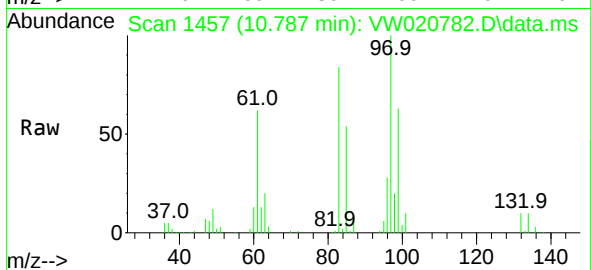
Ion Ratio Lower Upper

97 100

99 62.8 43.0 79.8

83 83.9 62.6 116.3

85 53.9 40.0 74.2



#46

Tetrachloroethene

Concen: 23.818 ug/L

RT: 10.866 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Tgt Ion:164 Resp: 54189

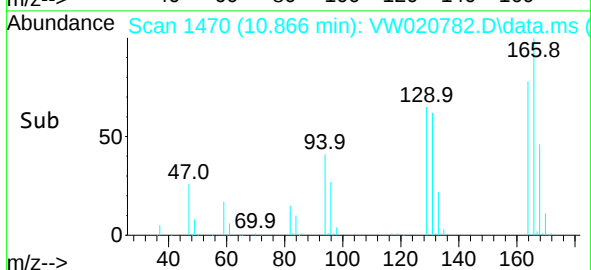
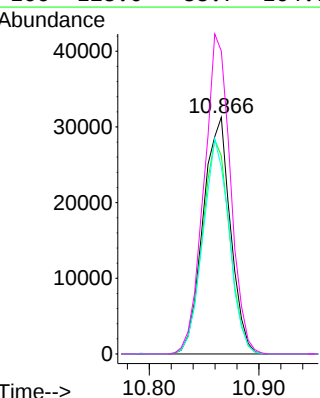
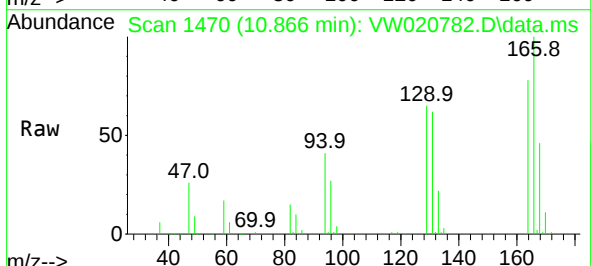
Ion Ratio Lower Upper

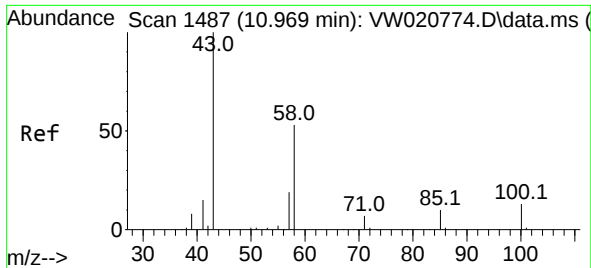
164 100

129 83.7 65.5 121.7

131 78.9 59.7 110.9

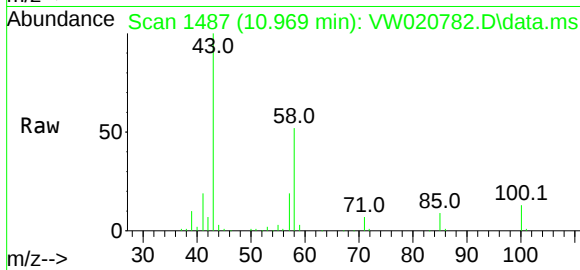
166 128.0 88.7 164.7



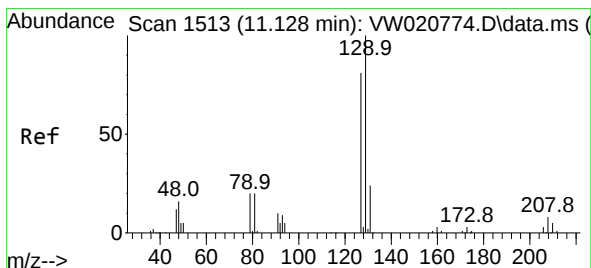
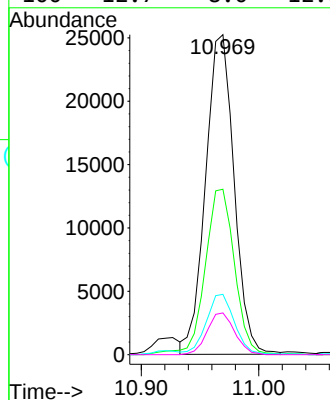
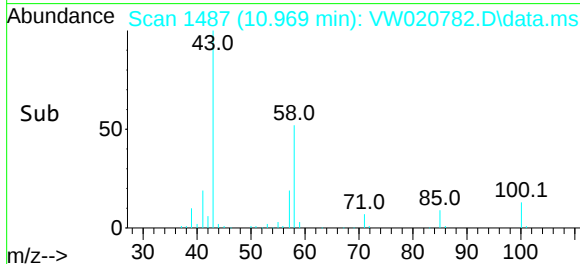


#48
2-Hexanone
Concen: 39.540 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Instrument :
MSVOA_W
ClientSampleId :

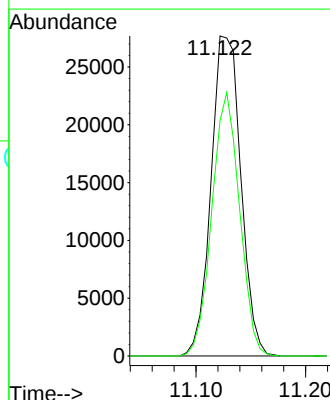
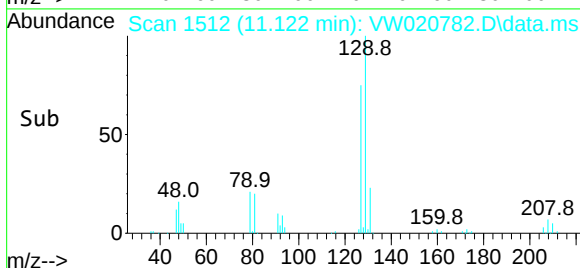
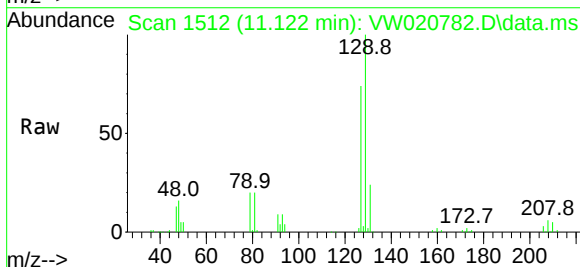


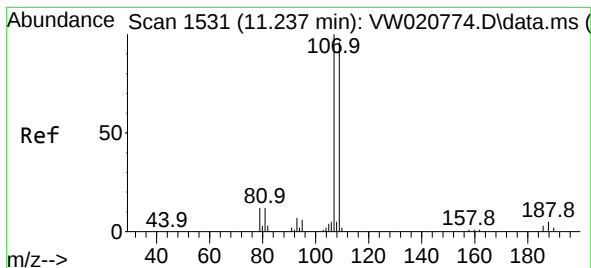
Tgt Ion: 43 Resp: 42573
Ion Ratio Lower Upper
43 100
58 53.3 40.2 60.2
57 18.9 14.3 21.5
100 12.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 22.907 ug/L
RT: 11.122 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 129 Resp: 52379
Ion Ratio Lower Upper
129 100
127 73.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.215 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.001 min

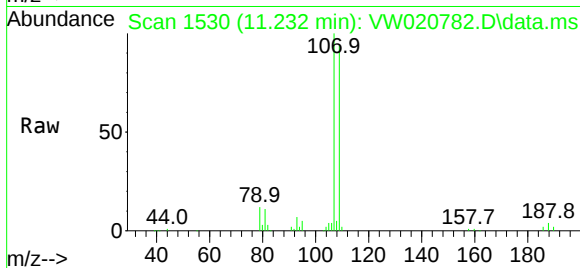
Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :



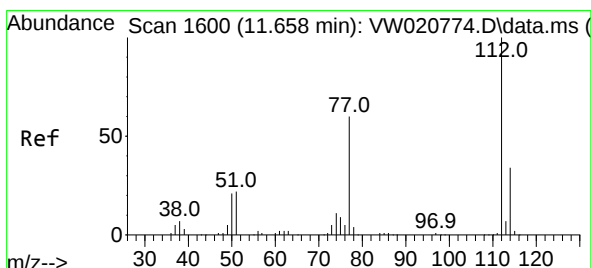
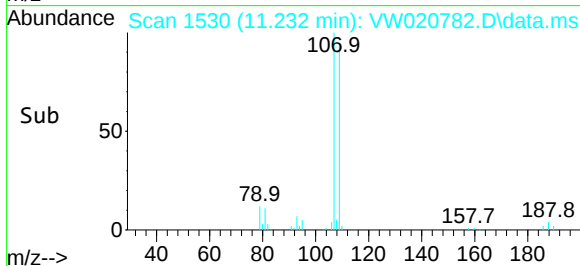
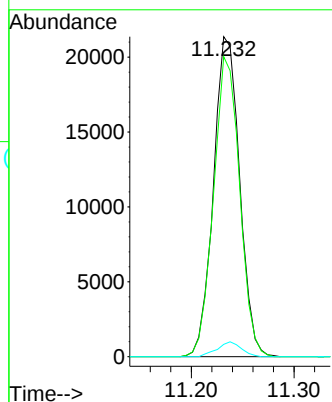
Tgt Ion:107 Resp: 37716

Ion Ratio Lower Upper

107 100

109 93.7 64.1 119.1

188 3.8 2.6 3.8#



#51

Chlorobenzene

Concen: 23.814 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

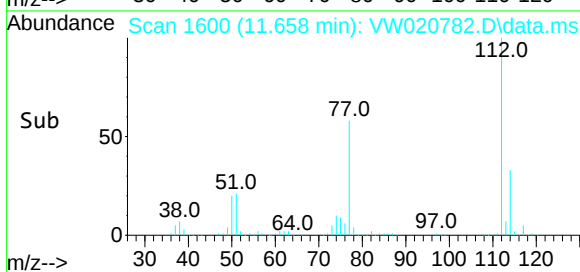
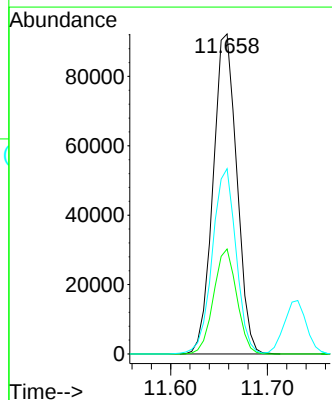
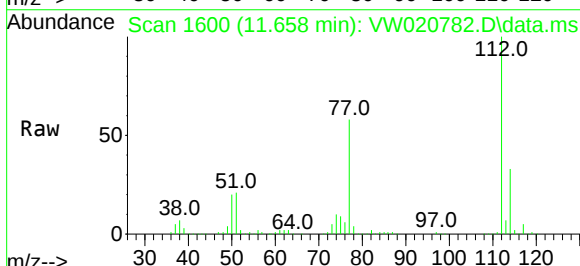
Tgt Ion:112 Resp: 157403

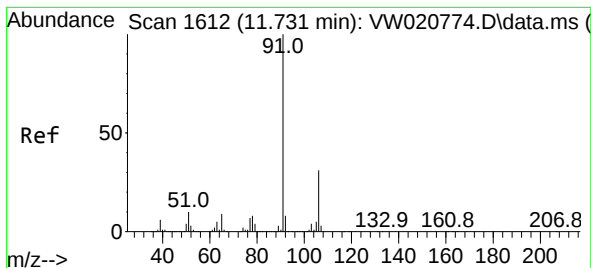
Ion Ratio Lower Upper

112 100

114 32.8 22.4 41.6

77 57.9 50.2 75.4





#52

Ethylbenzene

Concen: 23.898 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

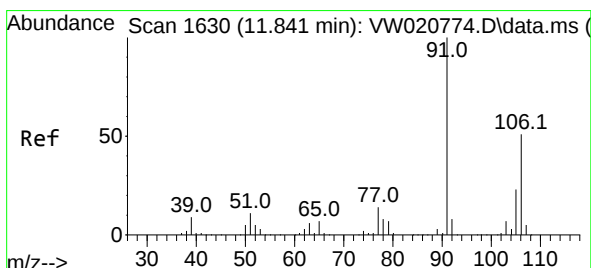
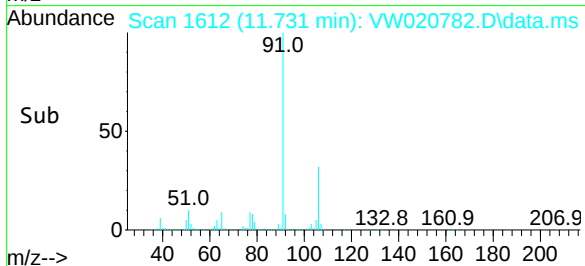
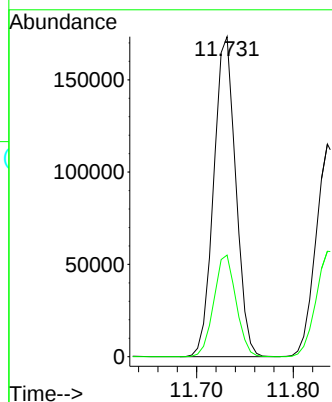
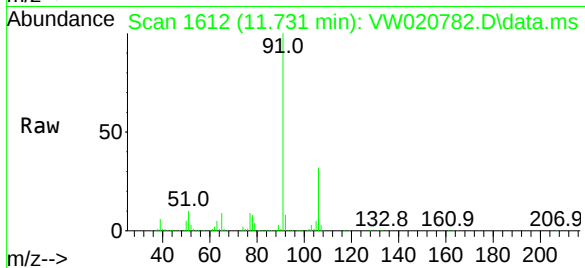
ClientSampleId :

Tgt Ion: 91 Resp: 274378

Ion Ratio Lower Upper

91 100

106 31.7 21.5 39.9



#53

m,p-Xylene

Concen: 24.023 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.006 min

Lab File: VW020782.D

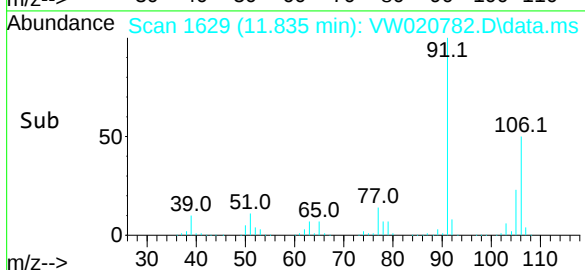
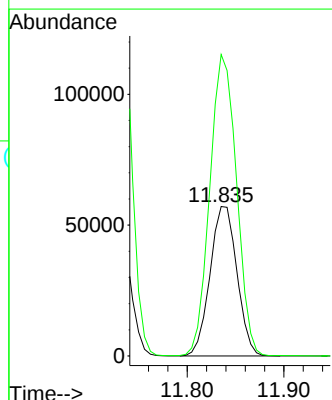
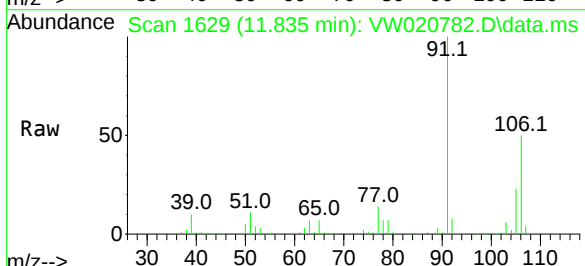
Acq: 05 Nov 2021 16:23

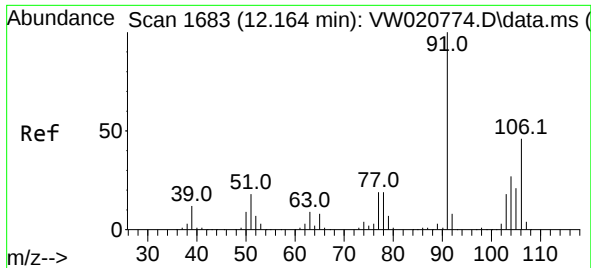
Tgt Ion:106 Resp: 110507

Ion Ratio Lower Upper

106 100

91 201.7 149.9 278.3

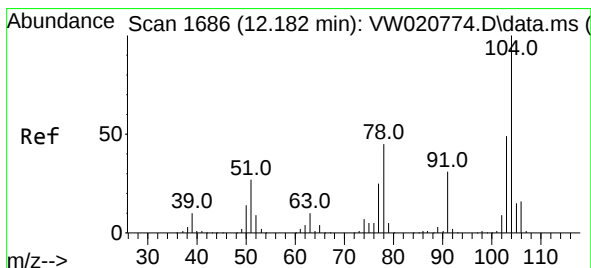
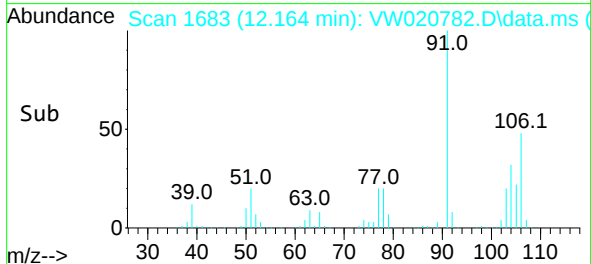
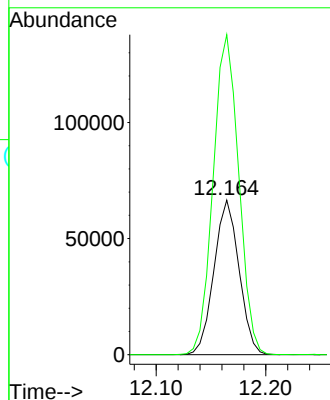
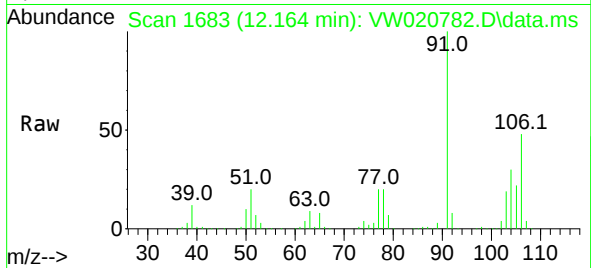




#54
o-Xylene
Concen: 24.272 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

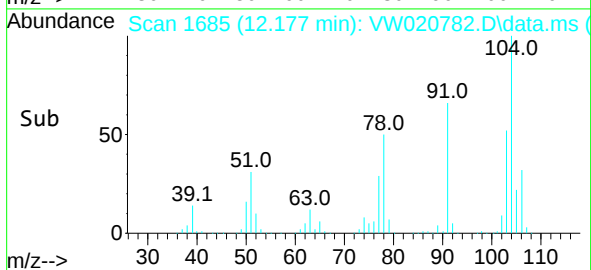
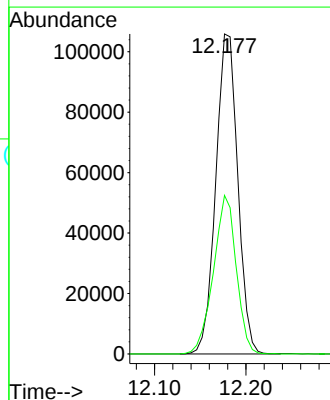
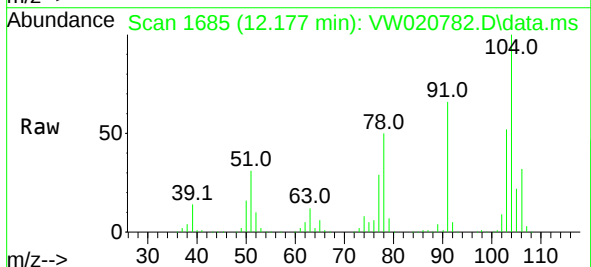
Instrument :
MSVOA_W
ClientSampleId :

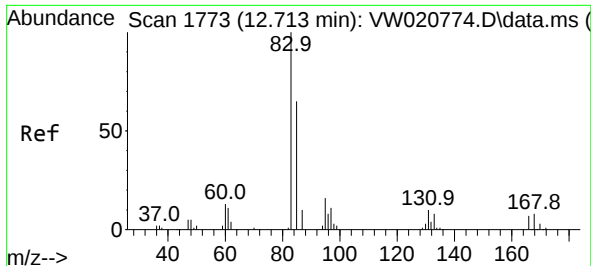
Tgt Ion:106 Resp: 105764
Ion Ratio Lower Upper
106 100
91 206.9 153.6 285.3



#55
Styrene
Concen: 23.901 ug/L
RT: 12.177 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion:104 Resp: 177061
Ion Ratio Lower Upper
104 100
78 49.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.230 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW020782.D

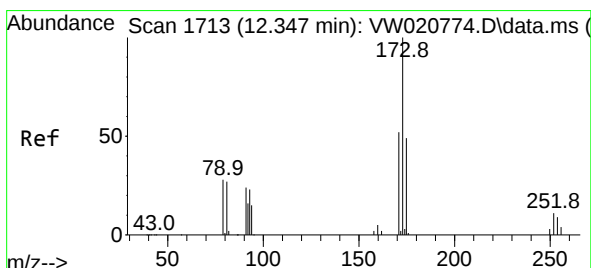
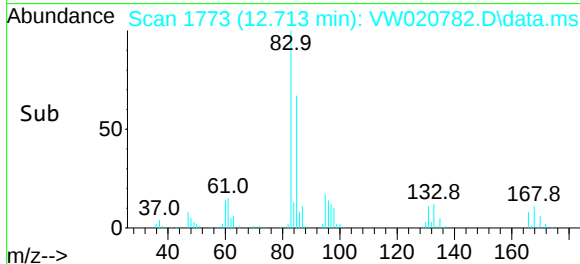
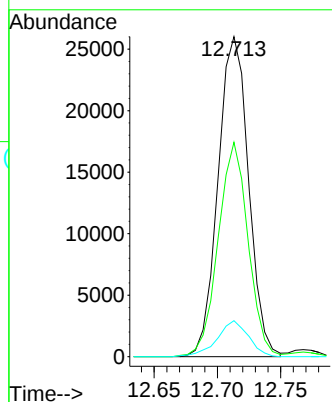
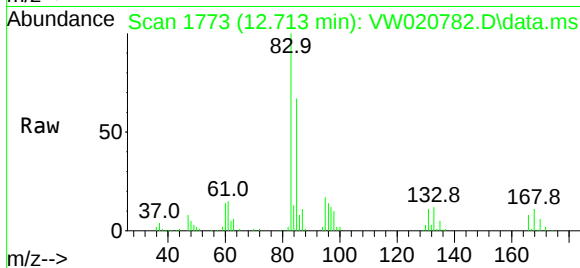
Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	43624
Ion Ratio	Lower	Upper	
83	100		
85	67.0	44.0	81.6
131	11.2	6.9	10.3#



#59

Bromoform

Concen: 22.272 ug/L

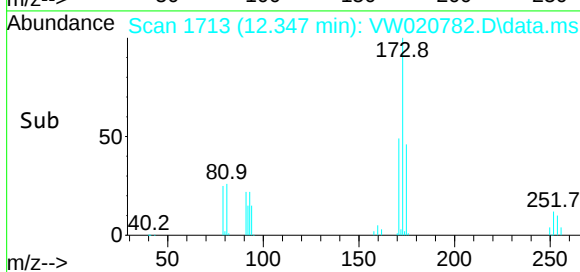
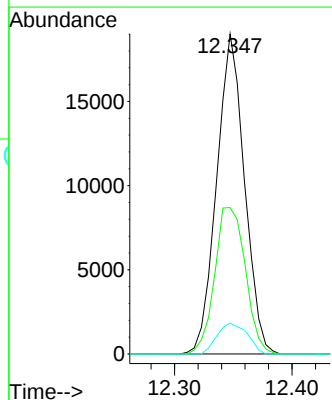
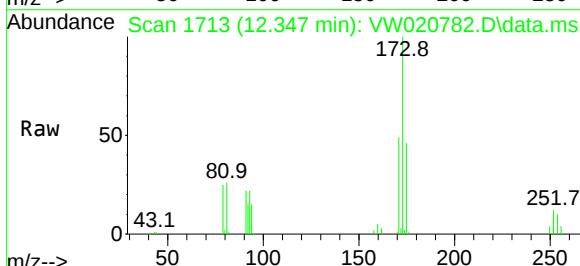
RT: 12.347 min Scan# 1713

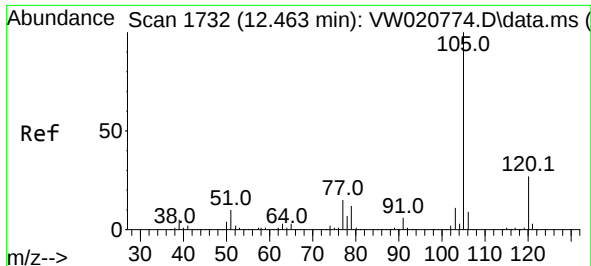
Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Tgt Ion:	173	Resp:	31222
Ion Ratio	Lower	Upper	
173	100		
175	50.6	39.6	59.4
254	10.4	7.4	11.0

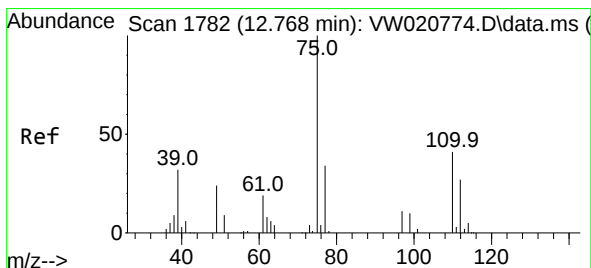
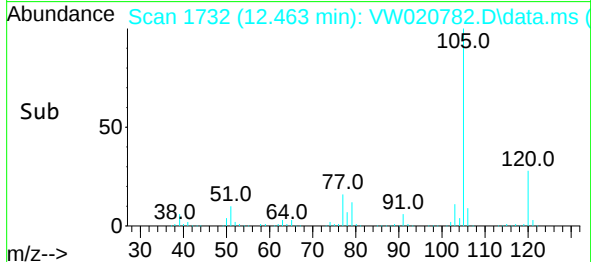
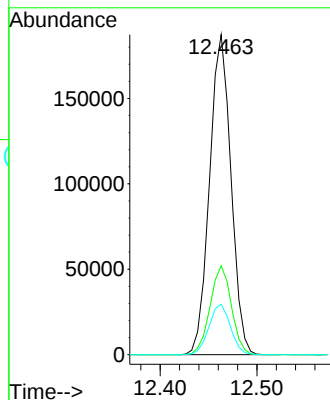
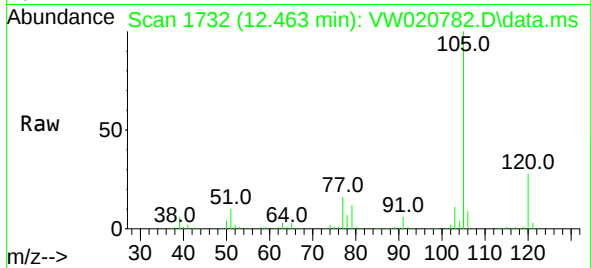




#60
Isopropylbenzene
Concen: 25.259 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

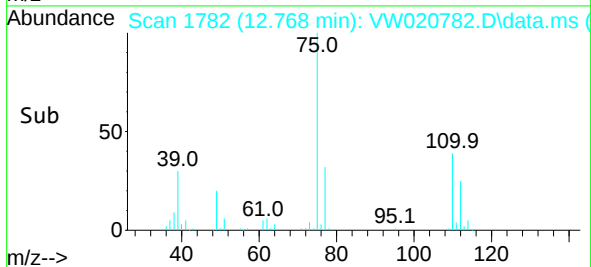
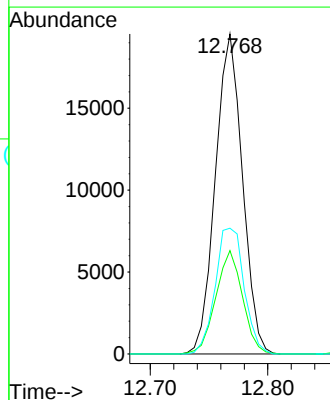
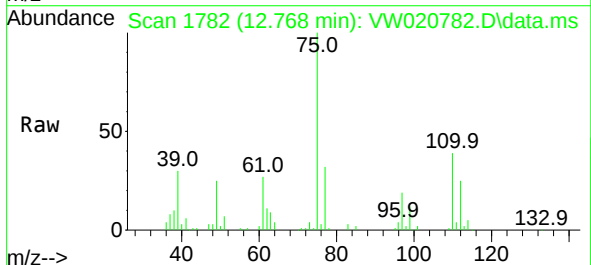
Instrument :
MSVOA_W
ClientSampleId :

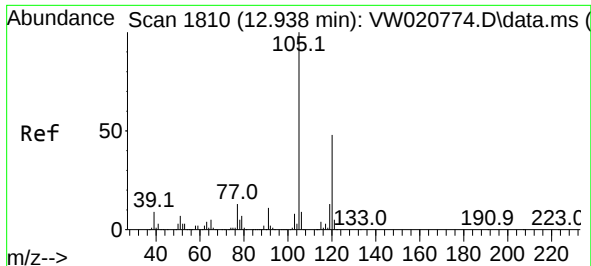
Tgt Ion:105 Resp: 288541
Ion Ratio Lower Upper
105 100
120 27.6 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 22.845 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion: 75 Resp: 31290
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 42.0 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 24.752 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

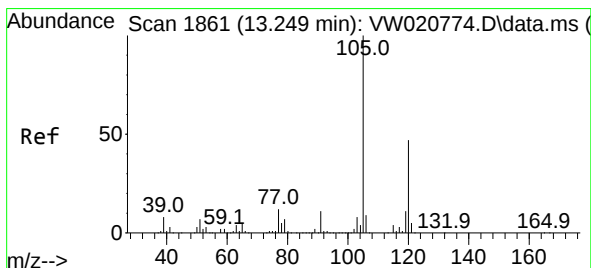
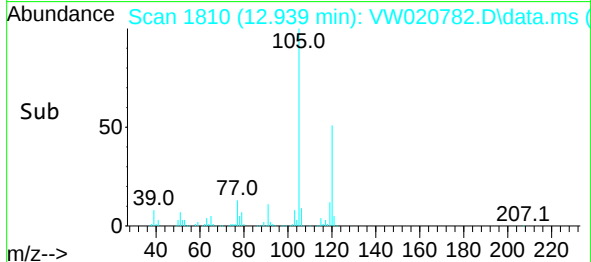
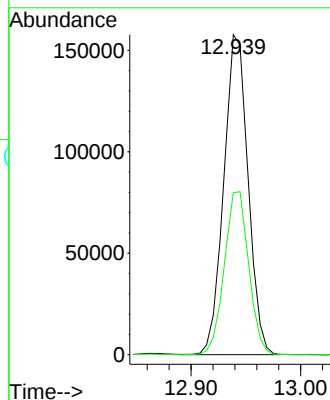
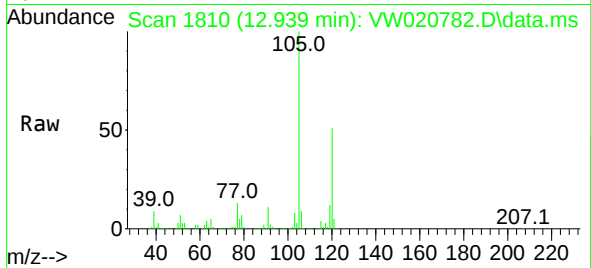
ClientSampleId :

Tgt Ion:105 Resp: 242970

Ion Ratio Lower Upper

105 100

120 51.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 24.800 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW020782.D

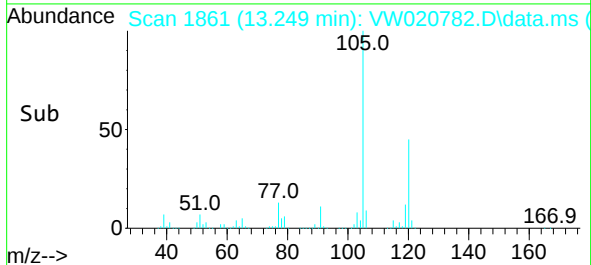
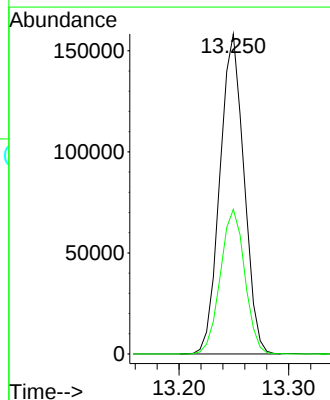
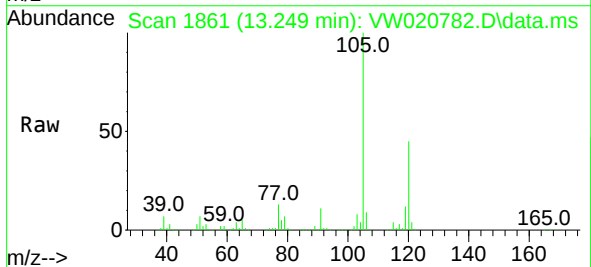
Acq: 05 Nov 2021 16:23

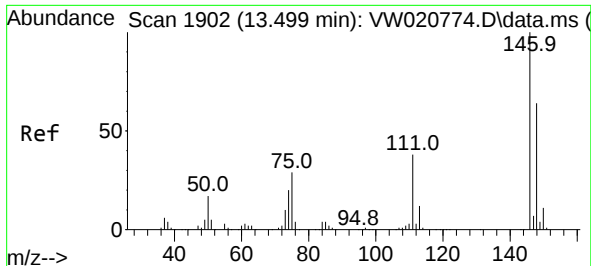
Tgt Ion:105 Resp: 241826

Ion Ratio Lower Upper

105 100

120 45.6 35.0 52.6

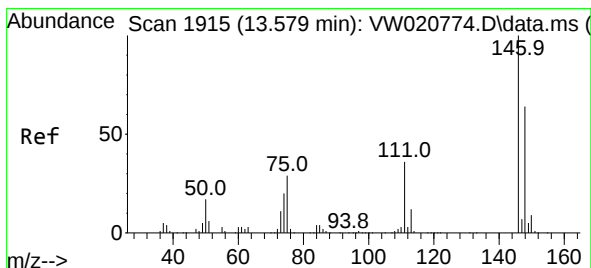
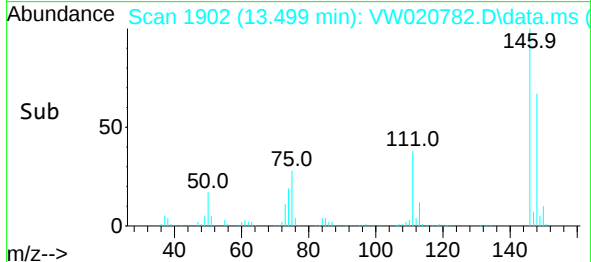
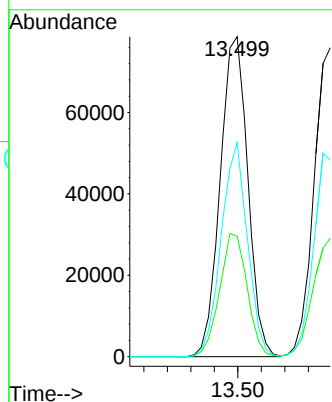
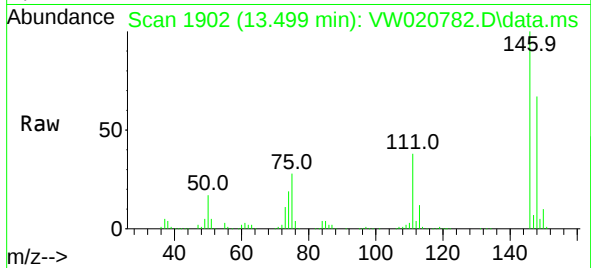




#64
1,3-Dichlorobenzene
Concen: 24.270 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

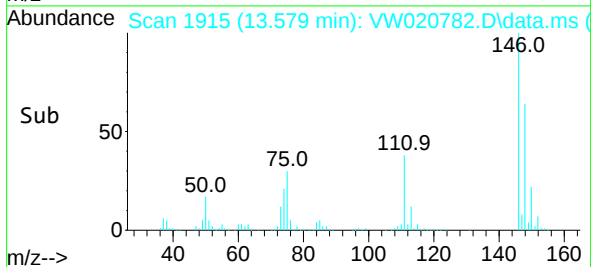
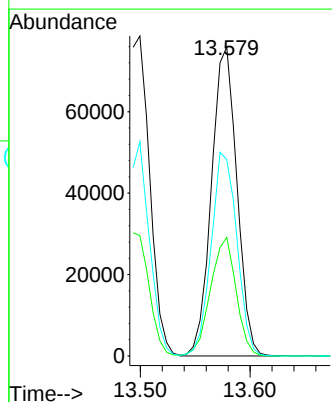
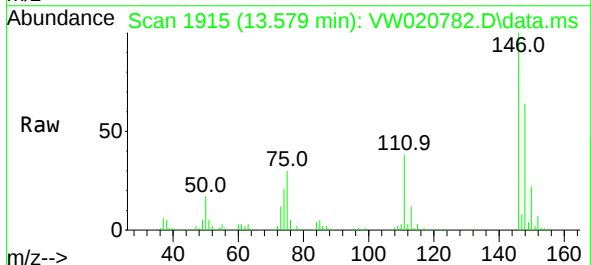
Instrument :
MSVOA_W
ClientSampleId :

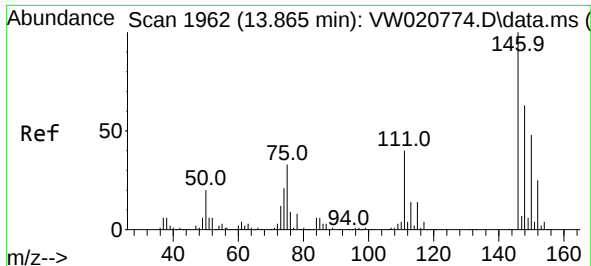
Tgt Ion:146 Resp: 128546
Ion Ratio Lower Upper
146 100
111 37.6 29.8 55.3
148 66.9 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 23.243 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020782.D
Acq: 05 Nov 2021 16:23

Tgt Ion:146 Resp: 122632
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.9
148 63.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.737 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

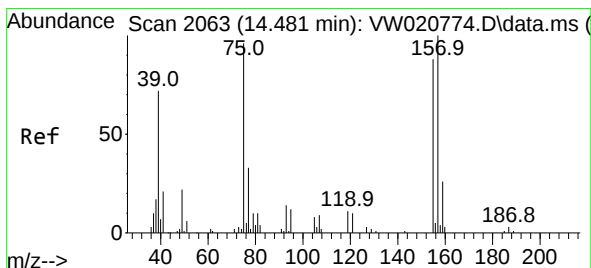
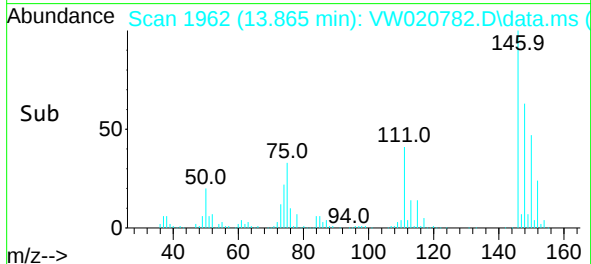
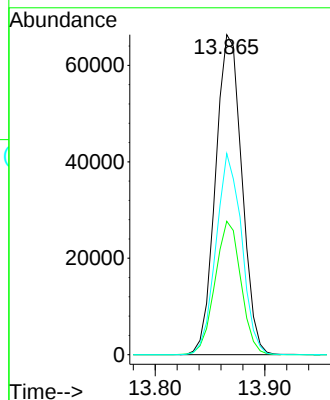
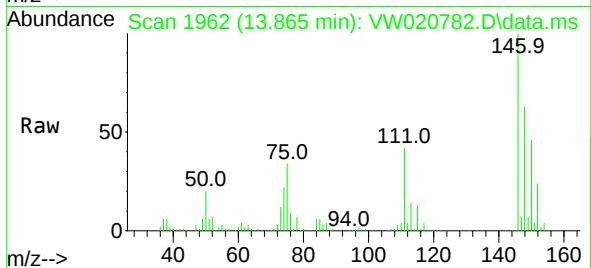
Tgt Ion:146 Resp: 111054

Ion Ratio Lower Upper

146 100

111 41.7 33.1 49.7

148 62.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.123 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

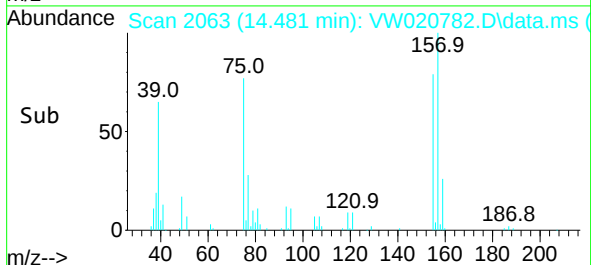
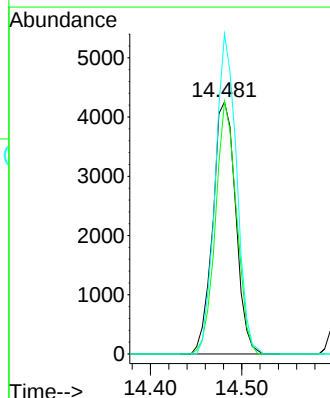
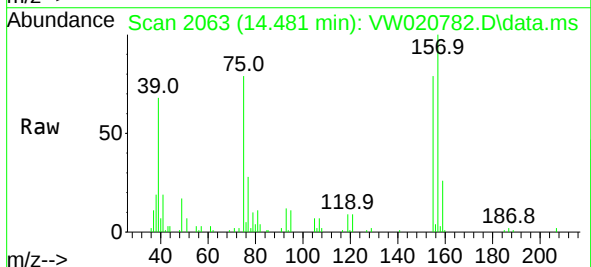
Tgt Ion: 75 Resp: 7407

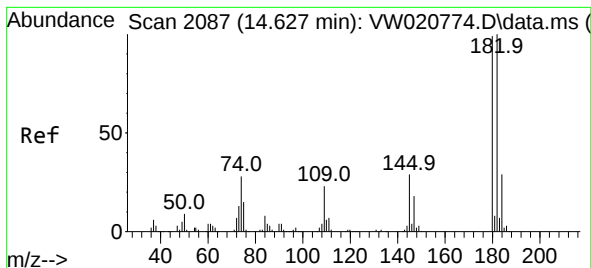
Ion Ratio Lower Upper

75 100

155 100.2 54.2 81.2#

157 127.0 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 21.883 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

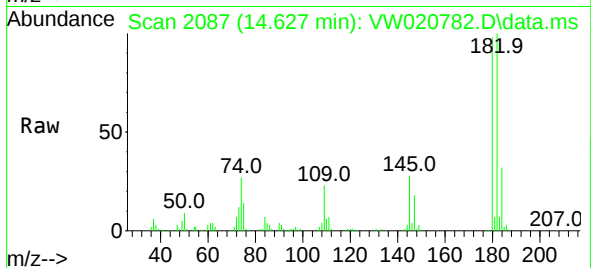
Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 91998

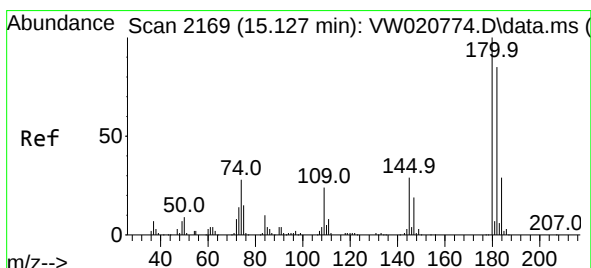
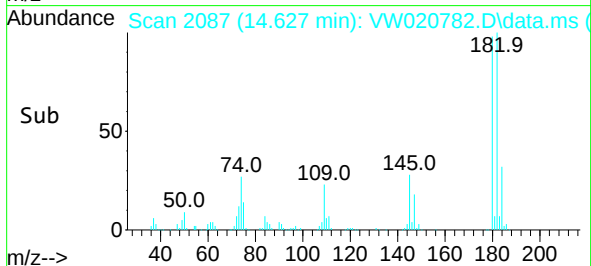
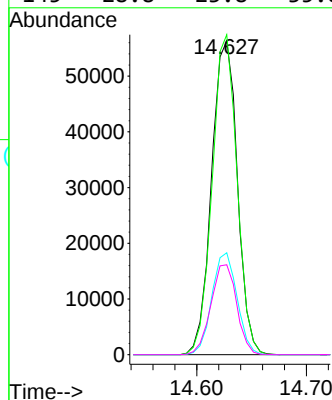
Ion Ratio Lower Upper

180 100

182 97.9 75.4 113.0

184 31.8 23.8 35.8

145 28.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 20.772 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

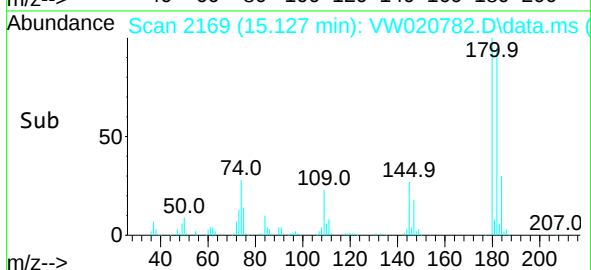
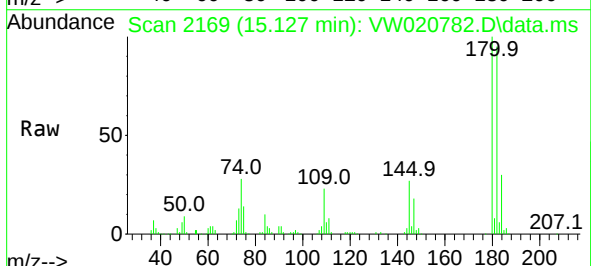
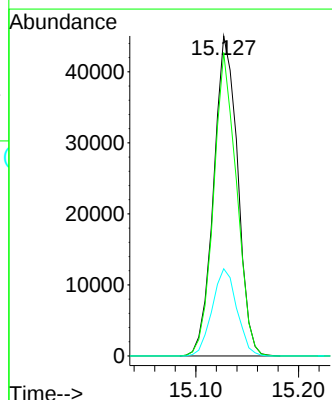
Tgt Ion:180 Resp: 72797

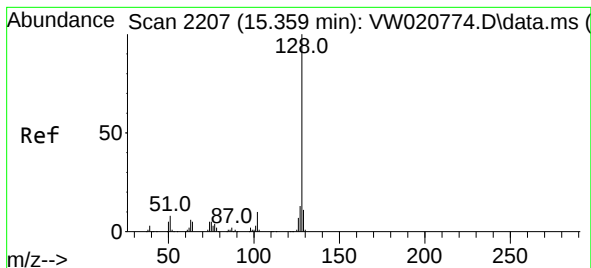
Ion Ratio Lower Upper

180 100

182 90.9 79.0 118.6

145 28.1 26.0 39.0





#71

Naphthalene

Concen: 19.935 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.006 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Instrument :

MSVOA_W

ClientSampleId :

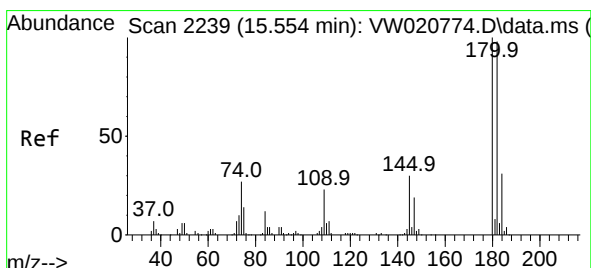
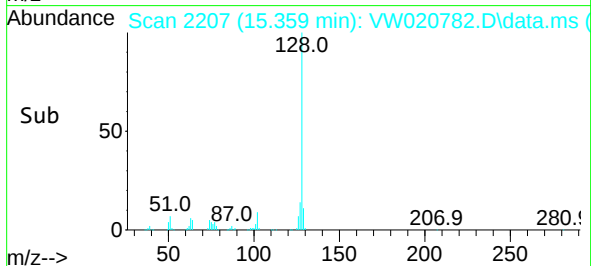
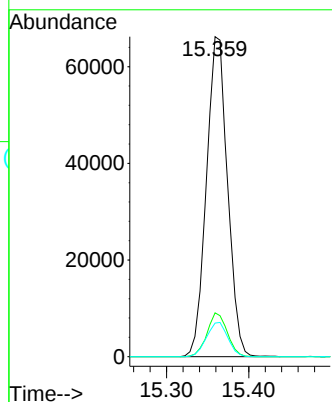
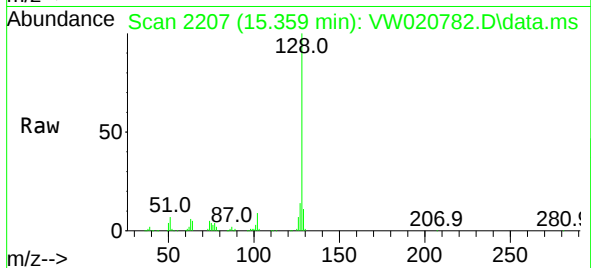
Tgt Ion:128 Resp: 118094

Ion Ratio Lower Upper

128 100

127 13.1 10.7 16.1

129 10.8 8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 18.875 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW020782.D

Acq: 05 Nov 2021 16:23

Tgt Ion:180 Resp: 56214

Ion Ratio Lower Upper

180 100

182 96.6 76.6 114.8

145 30.9 27.4 41.0

