

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021041.D
 Acq On : 02 Dec 2021 12:47
 Operator : SY/VA
 Sample : M4886-13MSD
 Misc : 4.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	107842	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	90680	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	38549	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	24808	19.832	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.320%
7) Chloroethane-d5	2.885	69	20369	25.248	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.000%
11) 1,1-Dichloroethene-d2	4.026	63	45788	18.918	ug/L	0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	75.680%
21) 2-Butanone-d5	7.080	46	12940	41.444	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.880%
24) Chloroform-d	7.653	84	61212	22.527	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	90.120%
26) 1,2-Dichloroethane-d4	8.305	65	29315	21.254	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	85.000%
32) Benzene-d6	8.275	84	111449	23.319	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.280%
36) 1,2-Dichloropropane-d6	9.275	67	32095	23.583	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	10.323	98	107788	22.723	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.880%
43) trans-1,3-Dichloroprop...	10.579	79	12033	18.706	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.840%
47) 2-Hexanone-d5	10.921	63	10366	45.925	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	91.840%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	25237	24.207	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	96.840%
66) 1,2-Dichlorobenzene-d4	13.853	152	31887	23.208	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.840%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	11719	37.548	ug/L	98
3) Chloromethane	2.209	50	21203	22.345	ug/L	99
5) Vinyl chloride	2.361	62	38489	23.451	ug/L	99
6) Bromomethane	2.776	94	25316	27.818	ug/L	94
8) Chloroethane	2.916	64	17685	25.631	ug/L	97
9) Trichlorofluoromethane	3.251	101	17903	18.727	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31677	21.796	ug/L	91
12) 1,1-Dichloroethene	4.038	96	27838	20.602	ug/L	75
13) Acetone	4.123	43	9930	35.621	ug/L	89
14) Carbon disulfide	4.385	76	54690	14.966	ug/L	100
15) Methyl Acetate	4.672	43	9832	19.667	ug/L	92
16) Methylene chloride	4.922	84	30175	20.062	ug/L	76
17) trans-1,2-Dichloroethene	5.428	96	27077	18.593	ug/L	84
18) Methyl tert-butyl Ether	5.428	73	45663	20.889	ug/L	94
19) 1,1-Dichloroethane	6.220	63	51443	21.319	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	31211	19.886	ug/L	76
22) 2-Butanone	7.171	43	13656	36.056	ug/L	88
23) Bromochloromethane	7.513	128	14795	20.619	ug/L	# 68
25) Chloroform	7.677	83	56774	21.527	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021041.D
 Acq On : 02 Dec 2021 12:47
 Operator : SY/VA
 Sample : M4886-13MSD
 Misc : 4.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

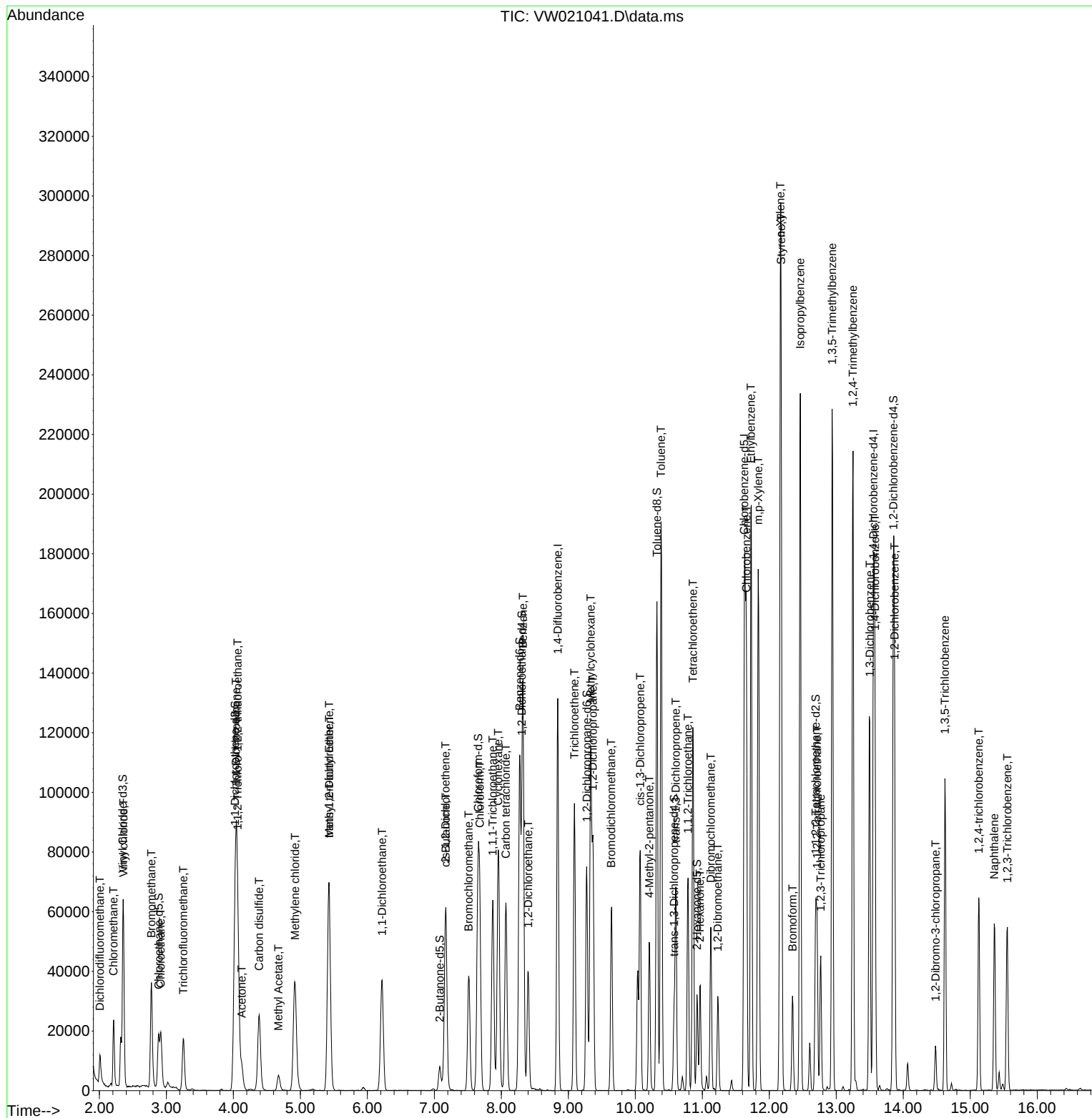
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	34942	21.880	ug/L	96
29) Cyclohexane	7.952	56	41648	20.601	ug/L #	83
30) 1,1,1-Trichloroethane	7.872	97	51229	23.493	ug/L	95
31) Carbon tetrachloride	8.067	117	46634	22.595	ug/L	99
33) Benzene	8.324	78	118117	23.005	ug/L	100
34) Trichloroethene	9.092	95	30543	21.268	ug/L	89
35) Methylcyclohexane	9.336	83	46898	19.807	ug/L	86
37) 1,2-Dichloropropane	9.366	63	27514	23.026	ug/L #	97
38) Bromodichloromethane	9.640	83	39313	22.926	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	42442	21.513	ug/L	93
40) 4-Methyl-2-pentanone	10.207	43	31260	43.953	ug/L #	94
42) Toluene	10.384	91	137689	23.842	ug/L	98
44) trans-1,3-Dichloropropene	10.604	75	33886	19.543	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	21465	23.097	ug/L	93
46) Tetrachloroethene	10.860	164	27339	20.734	ug/L	88
48) 2-Hexanone	10.963	43	22058	44.775	ug/L #	94
49) Dibromochloromethane	11.128	129	26893	20.990	ug/L	97
50) 1,2-Dibromoethane	11.232	107	19396	20.817	ug/L #	89
51) Chlorobenzene	11.658	112	81100	21.114	ug/L	89
52) Ethylbenzene	11.725	91	136536	21.336	ug/L	99
53) m,p-Xylene	11.835	106	57393	21.967	ug/L	88
54) o-Xylene	12.164	106	56003	22.319	ug/L	89
55) Styrene	12.176	104	82262	19.744	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	23673	22.983	ug/L #	98
59) Bromoform	12.347	173	13876	24.141	ug/L	98
60) Isopropylbenzene	12.463	105	147394	28.073	ug/L	95
61) 1,2,3-Trichloropropane	12.768	75	16753	29.628	ug/L #	93
62) 1,3,5-Trimethylbenzene	12.939	105	120200	27.138	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	115730	26.483	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	51840	21.059	ug/L	87
65) 1,4-Dichlorobenzene	13.579	146	52053	20.963	ug/L	89
67) 1,2-Dichlorobenzene	13.871	146	47366	21.836	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.481	75	3334	24.663	ug/L #	69
69) 1,3,5-Trichlorobenzene	14.621	180	32482	16.660	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	21068	13.208	ug/L	95
71) Naphthalene	15.359	128	48556	18.682	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	19662	14.608	ug/L	92

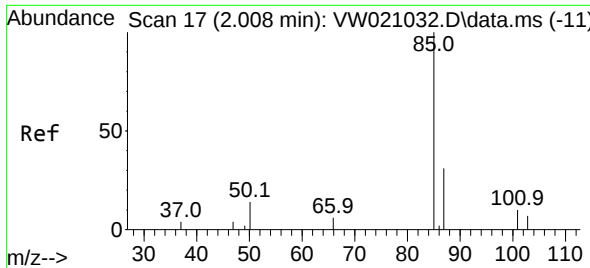
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120221\
 Data File : VW021041.D
 Acq On : 02 Dec 2021 12:47
 Operator : SY/VA
 Sample : M4886-13MSD
 Misc : 4.33g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 03 02:24:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM111521SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 03 01:25:28 2021
 Response via : Initial Calibration

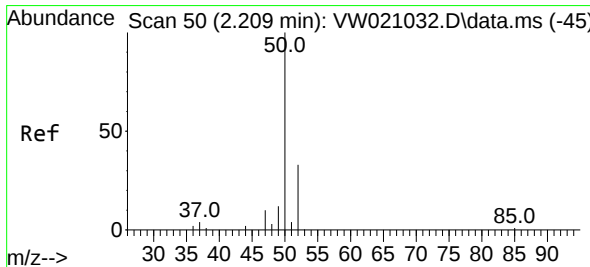
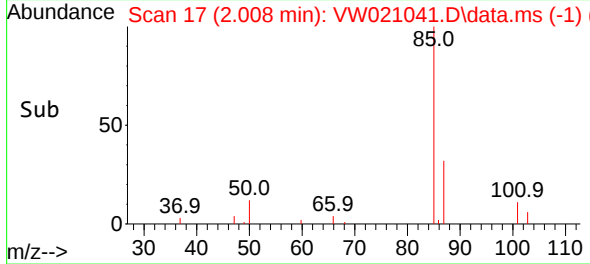
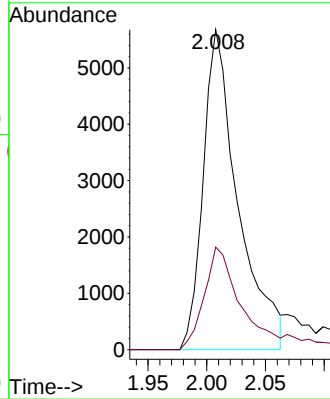
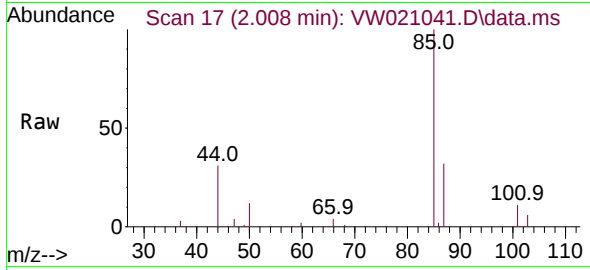




#2
 Dichlorodifluoromethane
 Concen: 37.548 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

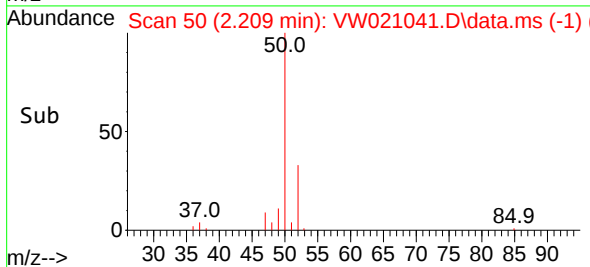
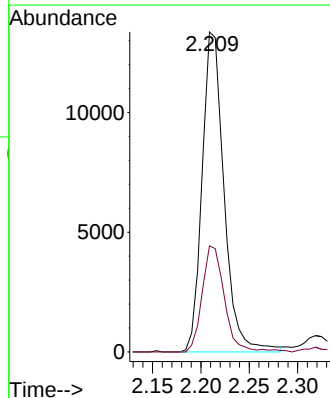
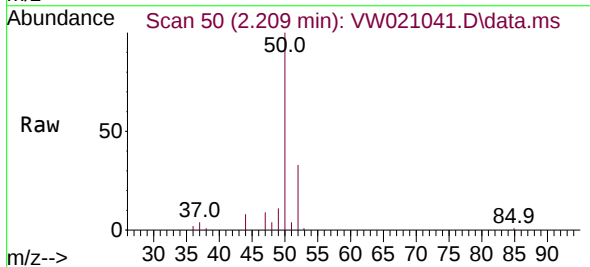
Instrument :
 MSVOA_W
 ClientSampleId :

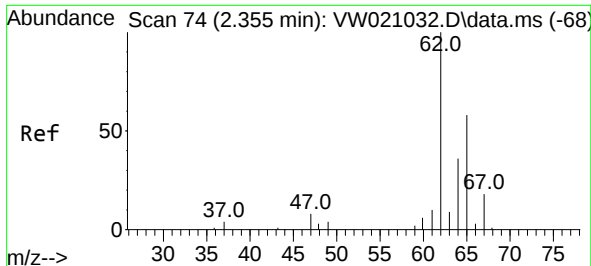
Tgt Ion: 85 Resp: 11719
 Ion Ratio Lower Upper
 85 100
 87 33.1 25.8 38.6



#3
 Chloromethane
 Concen: 22.345 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. 0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

Tgt Ion: 50 Resp: 21203
 Ion Ratio Lower Upper
 50 100
 52 33.2 23.4 43.6

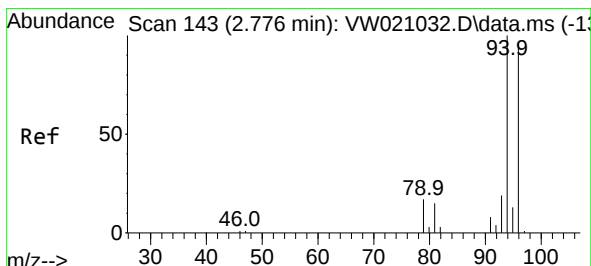
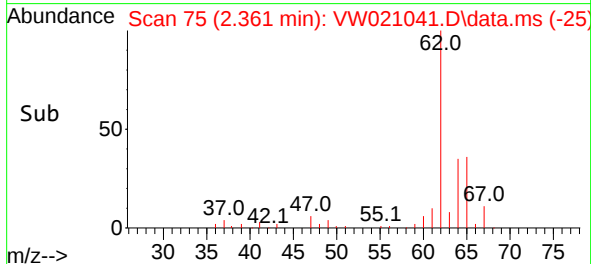
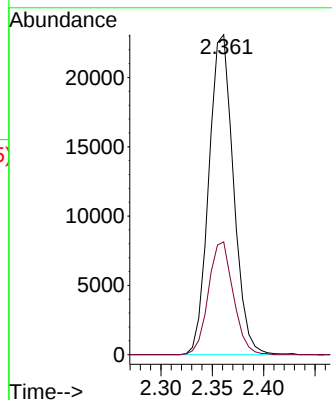
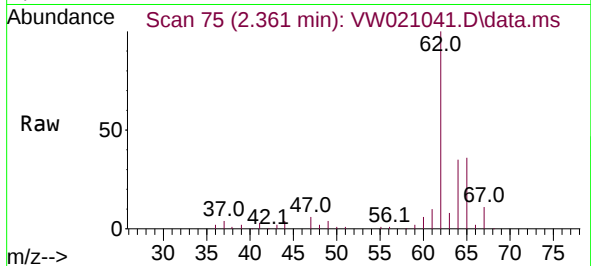




#5
 Vinyl chloride
 Concen: 23.451 ug/L
 RT: 2.361 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

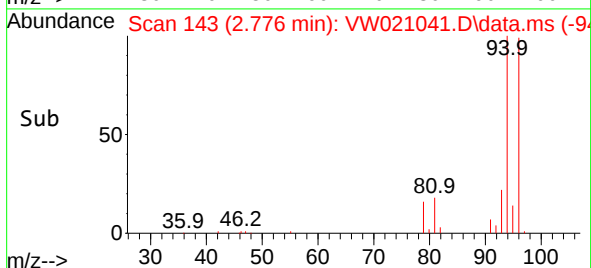
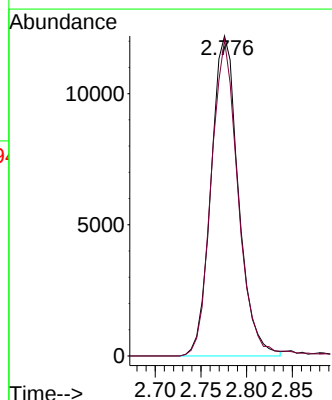
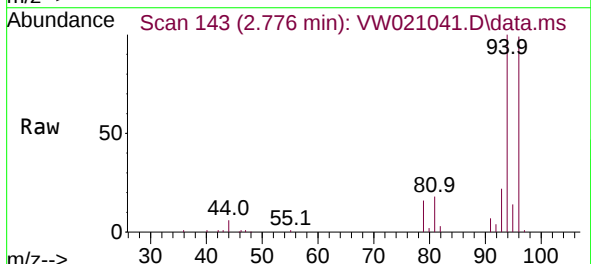
Instrument :
 MSVOA_W
 ClientSampleId :

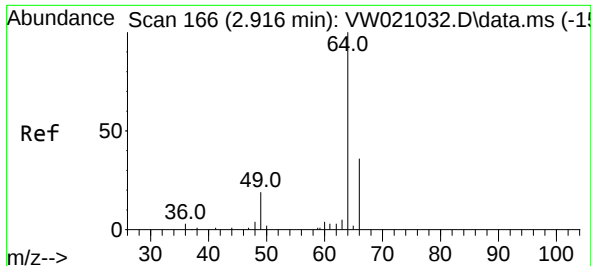
Tgt Ion: 62 Resp: 38489
 Ion Ratio Lower Upper
 62 100
 64 35.2 24.4 45.2



#6
 Bromomethane
 Concen: 27.818 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

Tgt Ion: 94 Resp: 25316
 Ion Ratio Lower Upper
 94 100
 96 98.8 64.8 120.4

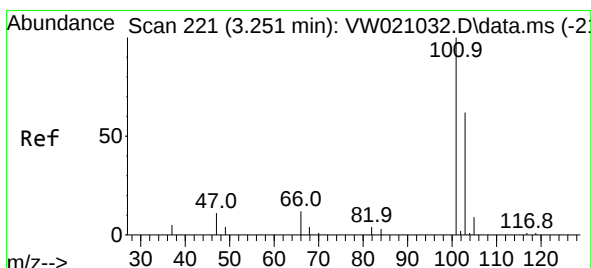
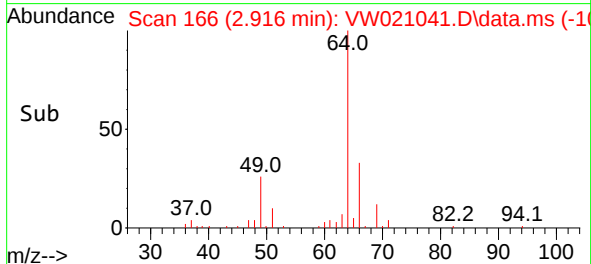
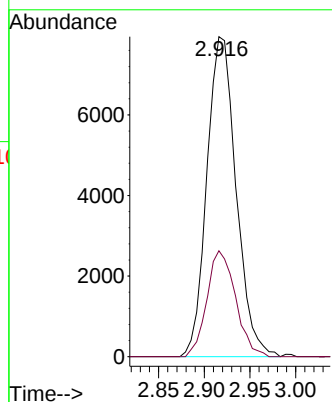
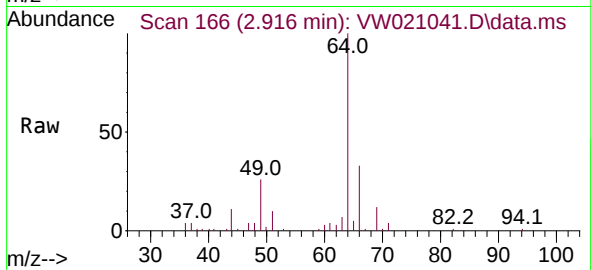




#8
Chloroethane
Concen: 25.631 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

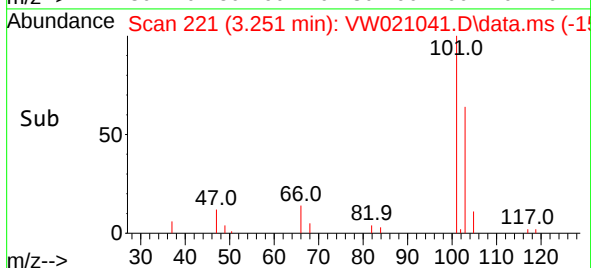
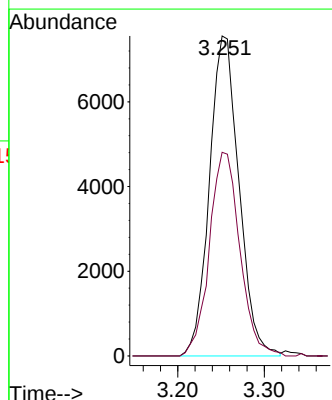
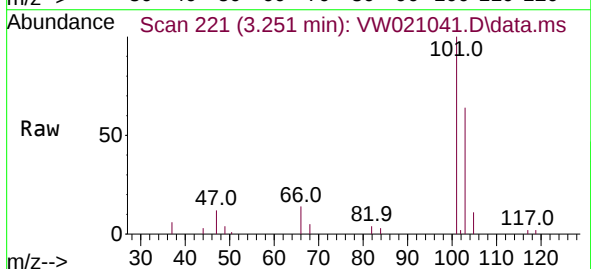
Instrument :
MSVOA_W
ClientSampleId :

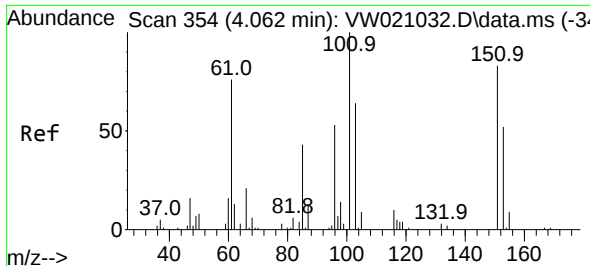
Tgt Ion: 64 Resp: 17685
Ion Ratio Lower Upper
64 100
66 33.1 22.0 40.8



#9
Trichlorofluoromethane
Concen: 18.727 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion:101 Resp: 17903
Ion Ratio Lower Upper
101 100
103 65.6 51.4 77.2

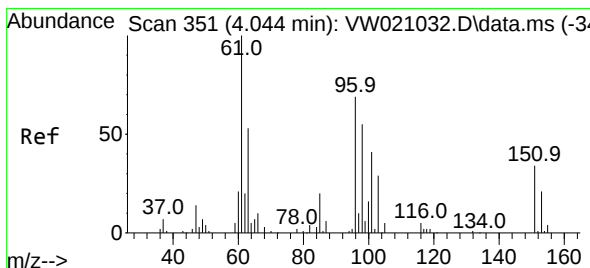
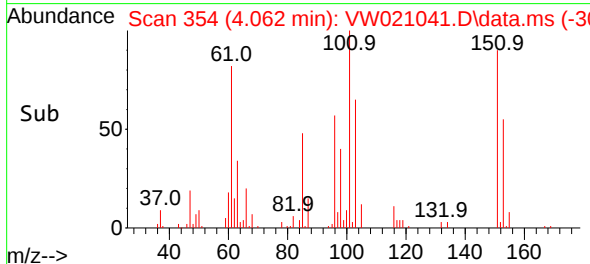
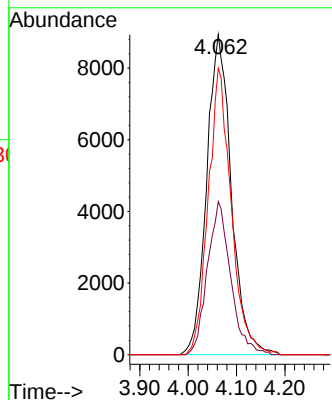
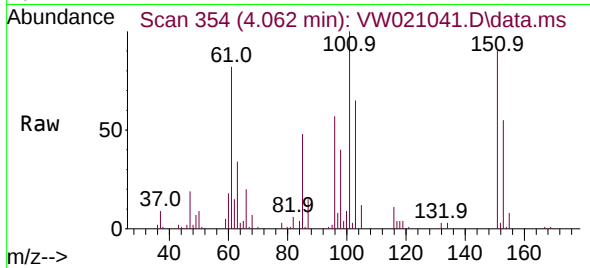




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 21.796 ug/L
 RT: 4.062 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

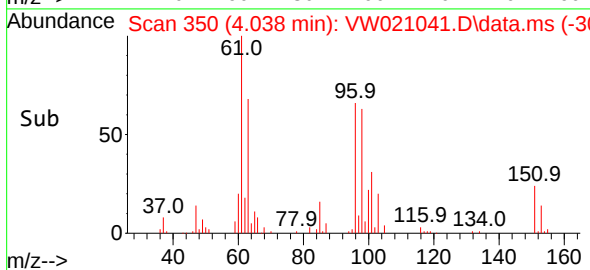
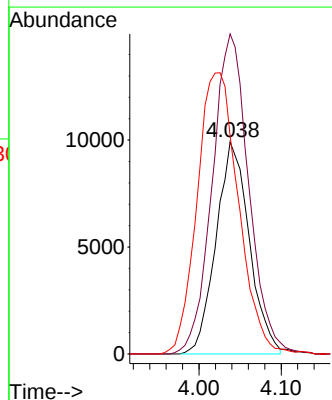
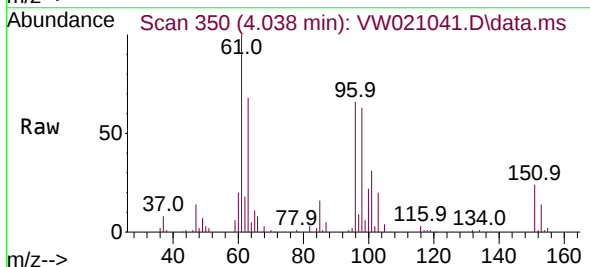
Instrument :
 MSVOA_W
 ClientSampleId :

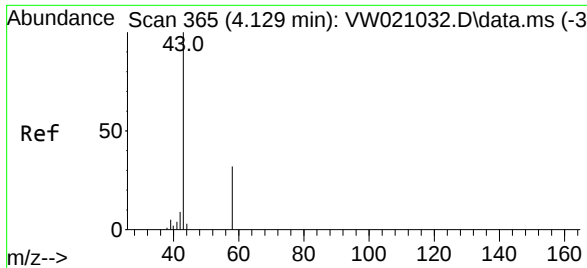
Tgt Ion:101 Resp: 31677
 Ion Ratio Lower Upper
 101 100
 85 44.7 36.6 54.8
 151 83.4 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 20.602 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

Tgt Ion: 96 Resp: 27838
 Ion Ratio Lower Upper
 96 100
 61 150.8 138.3 256.9
 63 102.8 82.6 153.4





#13

Acetone

Concen: 35.621 ug/L

RT: 4.123 min Scan# 364

Delta R.T. -0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

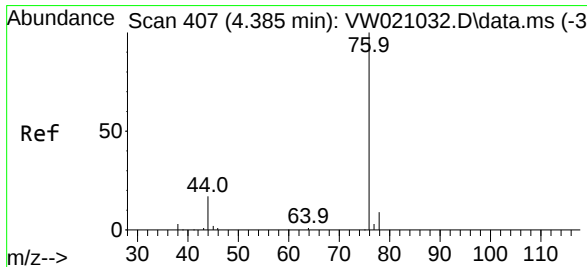
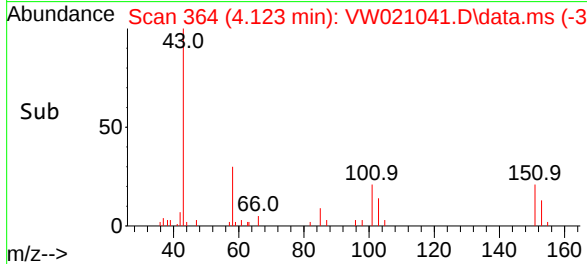
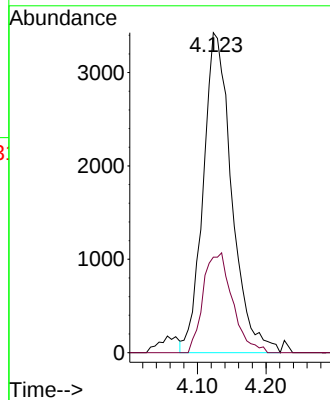
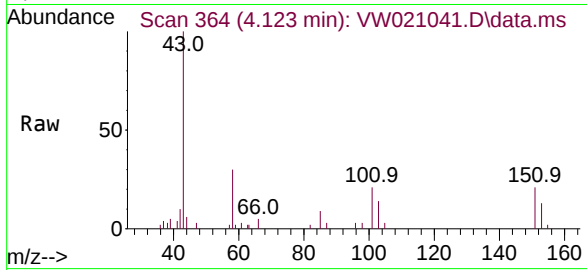
ClientSampleId :

Tgt Ion: 43 Resp: 9930

Ion Ratio Lower Upper

43 100

58 31.8 0.0 52.8



#14

Carbon disulfide

Concen: 14.966 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021041.D

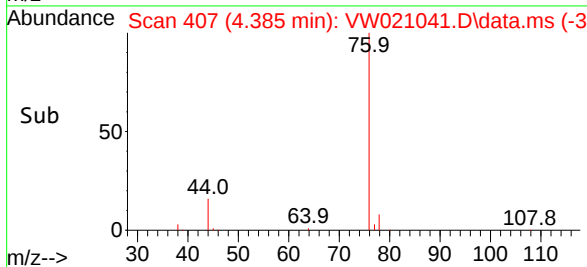
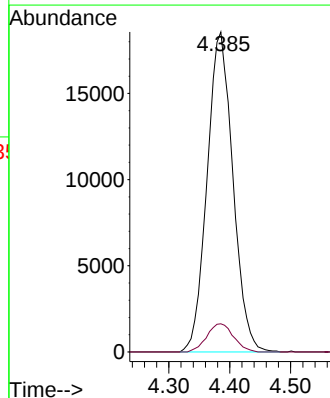
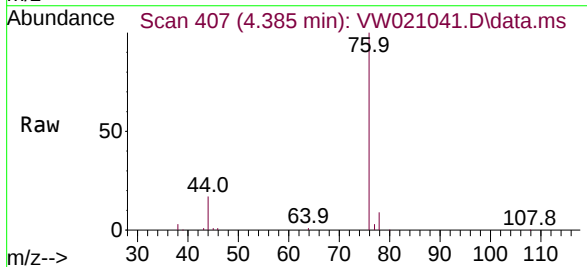
Acq: 02 Dec 2021 12:47

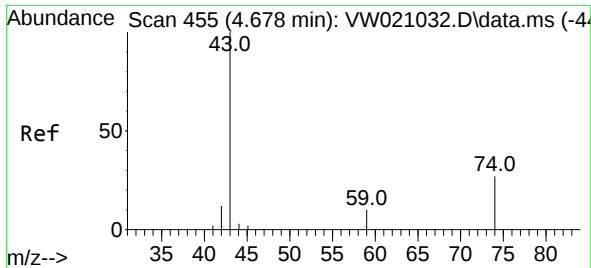
Tgt Ion: 76 Resp: 54690

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

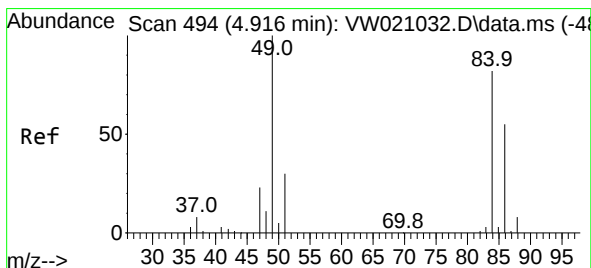
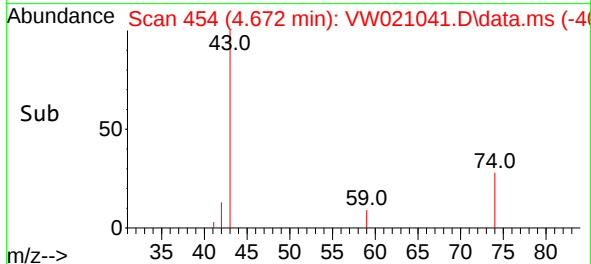
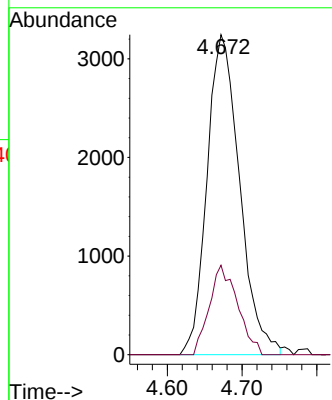
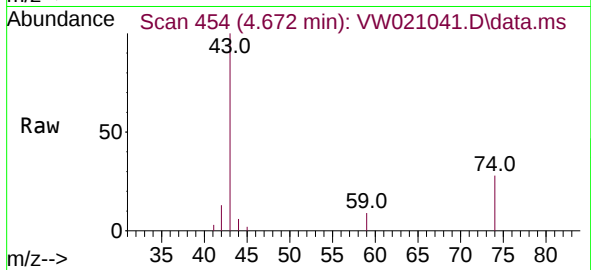




#15
Methyl Acetate
Concen: 19.667 ug/L
RT: 4.672 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

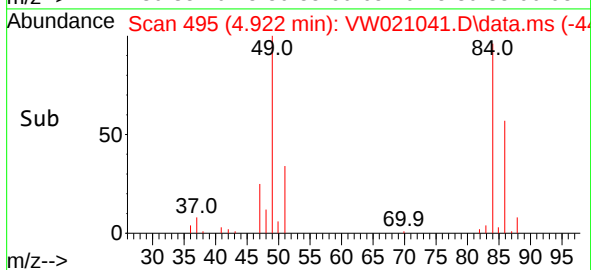
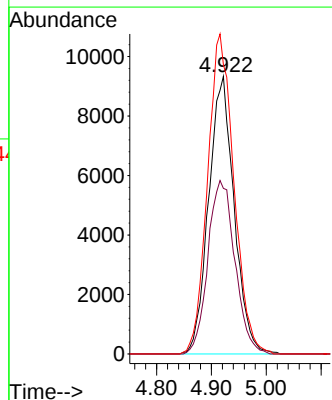
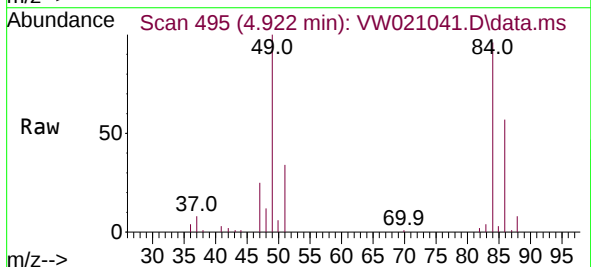
Instrument :
MSVOA_W
ClientSampleId :

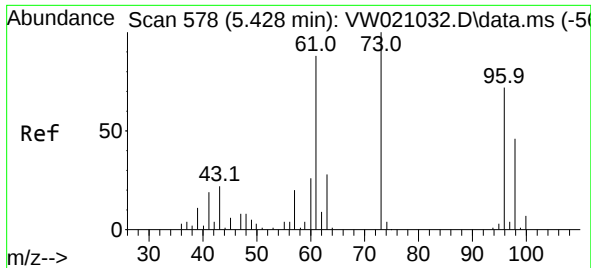
Tgt Ion: 43 Resp: 9832
Ion Ratio Lower Upper
43 100
74 24.3 16.4 24.6



#16
Methylene chloride
Concen: 20.062 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 84 Resp: 30175
Ion Ratio Lower Upper
84 100
86 59.6 45.5 84.5
49 104.2 100.5 186.7



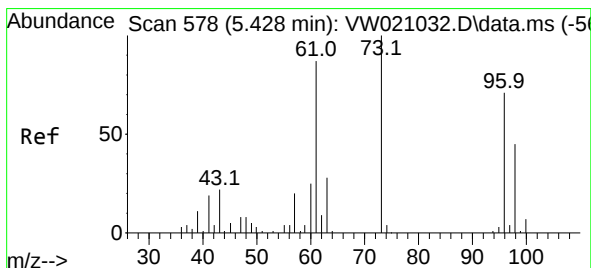
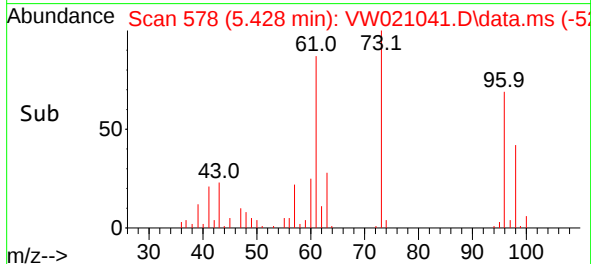
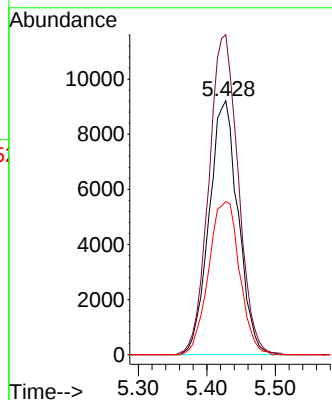
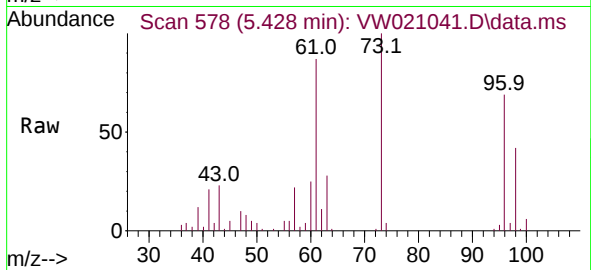


#17
 trans-1,2-Dichloroethene
 Concen: 18.593 ug/L
 RT: 5.428 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

Instrument :
 MSVOA_W
 ClientSampleId :

Tgt Ion: 96 Resp: 27077

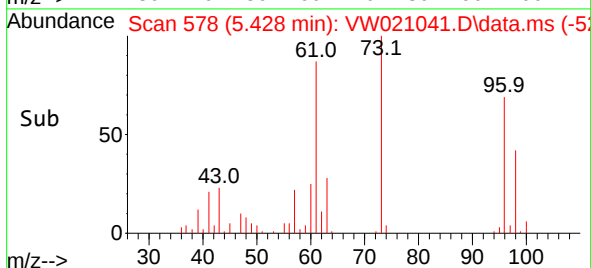
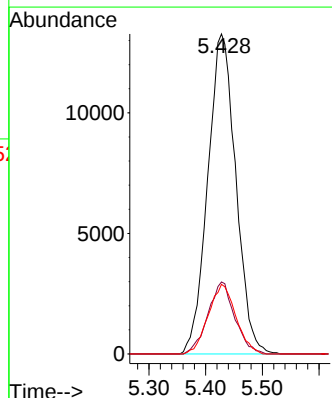
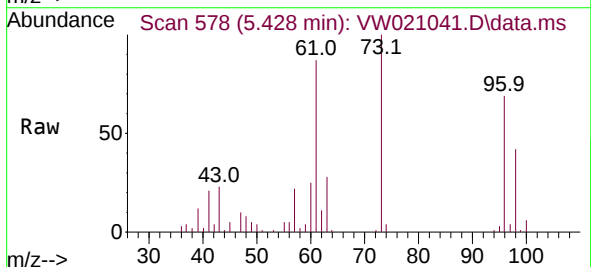
Ion	Ratio	Lower	Upper
96	100		
61	126.0	107.4	199.4
98	60.3	41.2	76.6

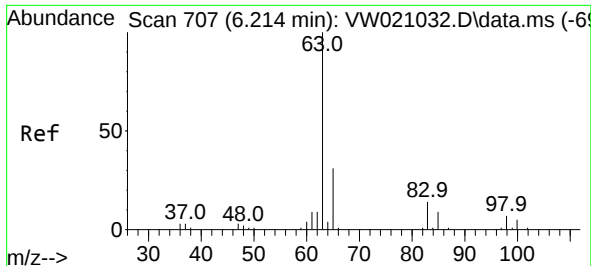


#18
 Methyl tert-butyl Ether
 Concen: 20.889 ug/L
 RT: 5.428 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VW021041.D
 Acq: 02 Dec 2021 12:47

Tgt Ion: 73 Resp: 45663

Ion	Ratio	Lower	Upper
73	100		
43	21.5	19.5	29.3
57	21.4	19.3	28.9





#19

1,1-Dichloroethane

Concen: 21.319 ug/L

RT: 6.220 min Scan# 707

Delta R.T. 0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

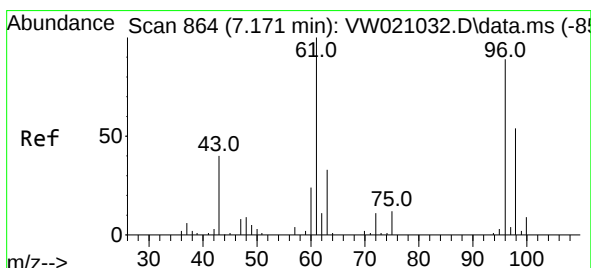
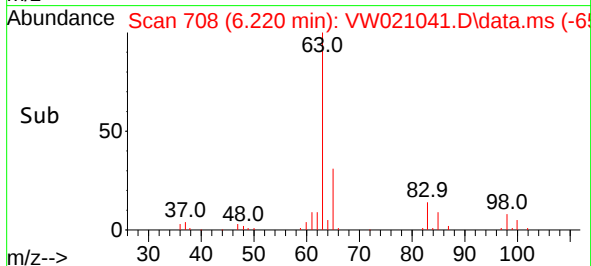
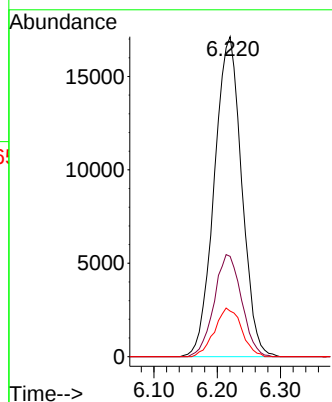
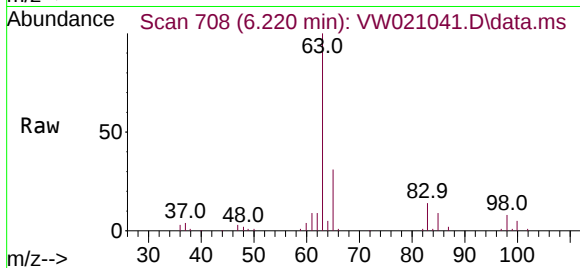
Tgt Ion: 63 Resp: 51443

Ion Ratio Lower Upper

63 100

65 31.4 22.1 41.1

83 14.2 9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 19.886 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

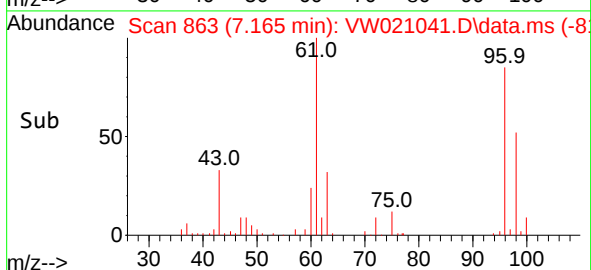
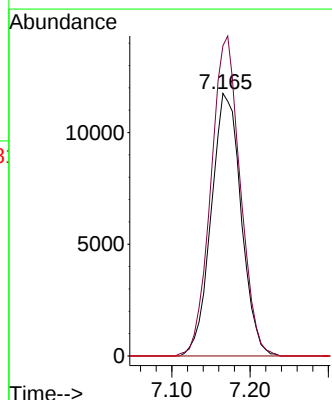
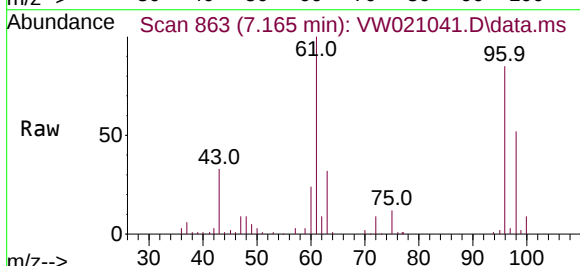
Tgt Ion: 96 Resp: 31211

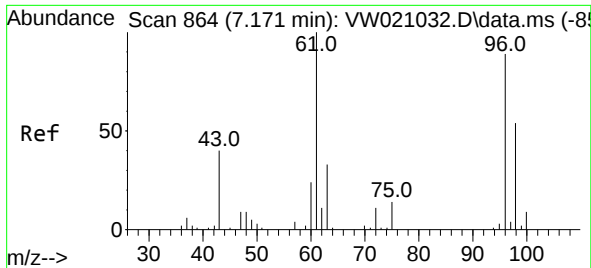
Ion Ratio Lower Upper

96 100

61 118.2 103.7 192.7

68 0.0 0.0 0.0

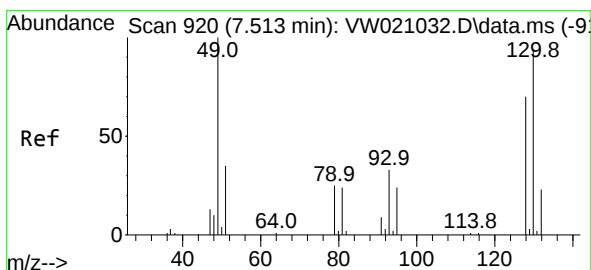
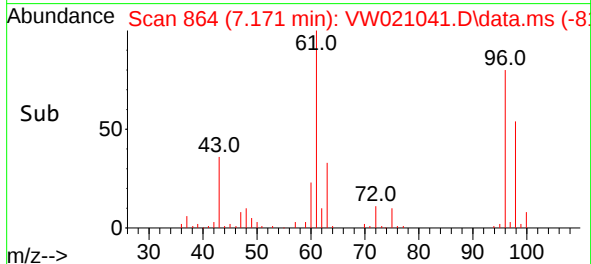
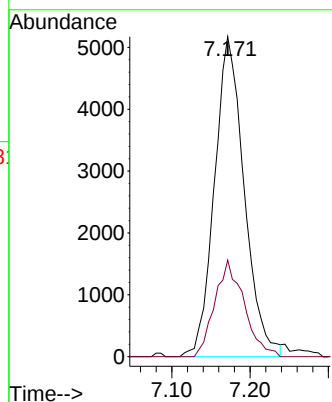
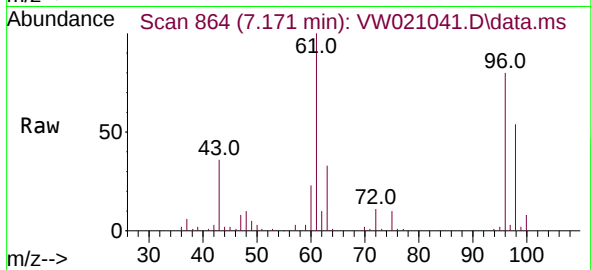




#22
2-Butanone
Concen: 36.056 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

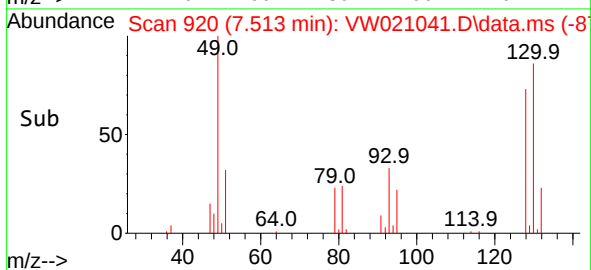
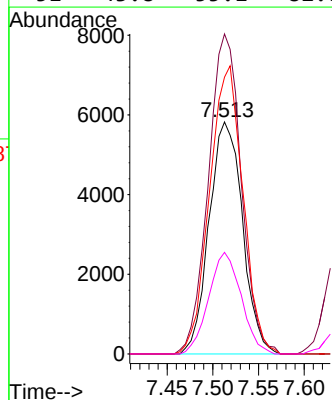
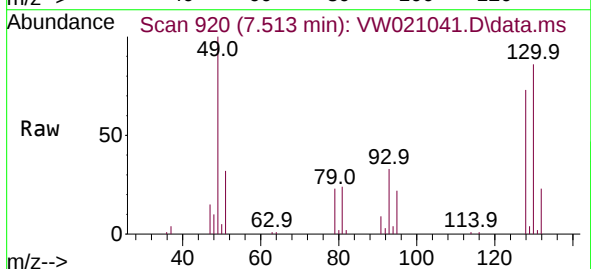
Instrument :
MSVOA_W
ClientSampleId :

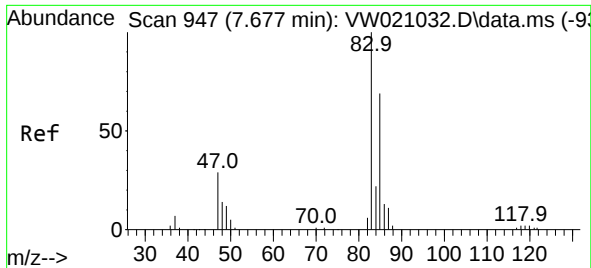
Tgt Ion: 43 Resp: 13656
Ion Ratio Lower Upper
43 100
72 29.7 11.8 35.4



#23
Bromochloromethane
Concen: 20.619 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 128 Resp: 14795
Ion Ratio Lower Upper
128 100
49 137.9 150.3 279.1#
130 119.3 88.3 163.9
51 43.8 55.1 82.7#

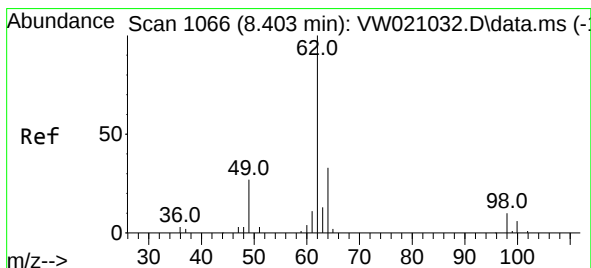
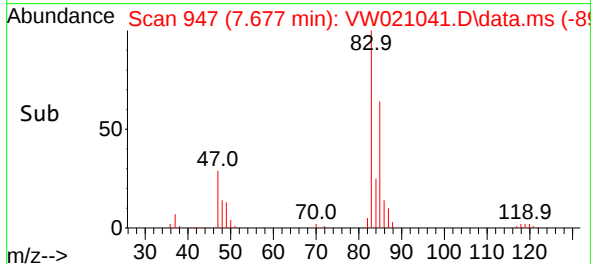
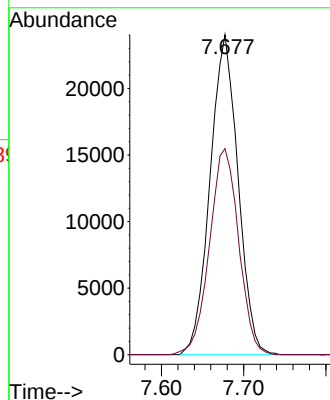
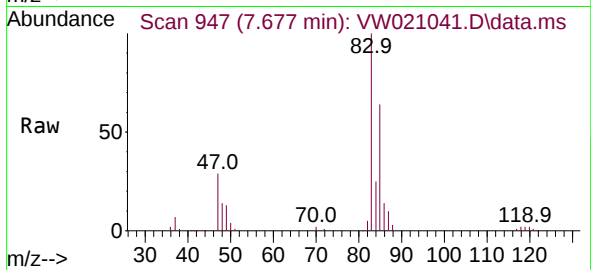




#25
Chloroform
Concen: 21.527 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

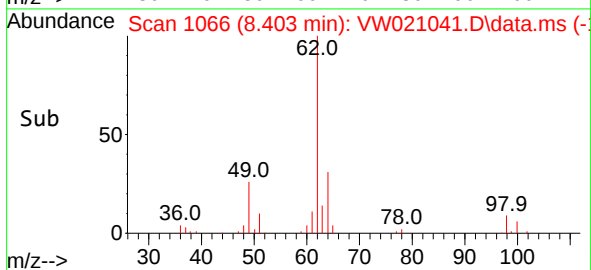
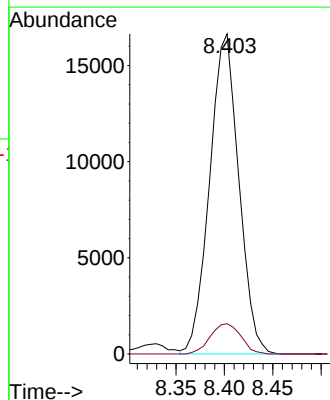
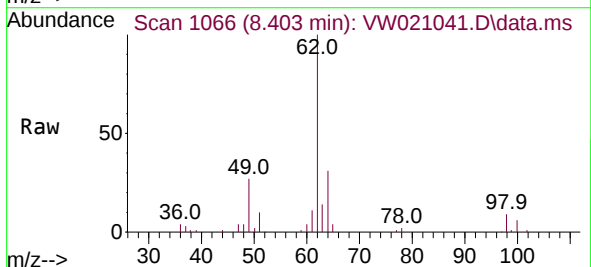
Instrument :
MSVOA_W
ClientSampleId :

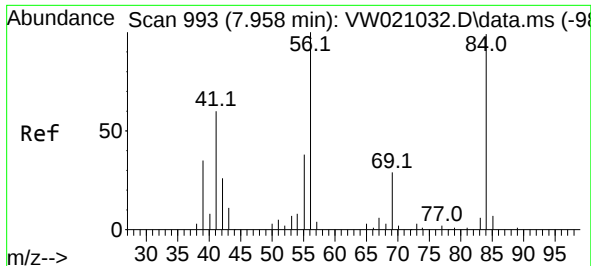
Tgt Ion: 83 Resp: 56774
Ion Ratio Lower Upper
83 100
85 64.4 45.1 83.7



#27
1,2-Dichloroethane
Concen: 21.880 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 62 Resp: 34942
Ion Ratio Lower Upper
62 100
98 9.5 6.5 9.7





#29

Cyclohexane

Concen: 20.601 ug/L

RT: 7.952 min Scan# 993

Delta R.T. -0.006 min

Lab File: VW021041.D

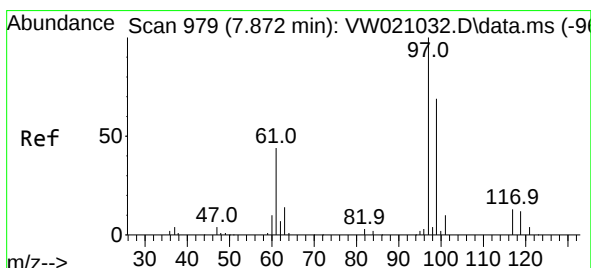
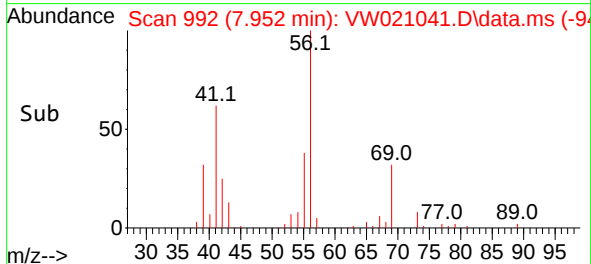
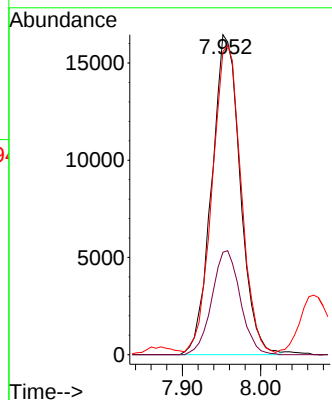
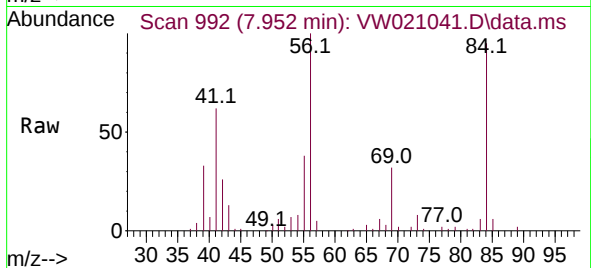
Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	56	Resp:	41648
Ion	Ratio	Lower	Upper
56	100		
69	32.3	23.5	35.3
84	98.2	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 23.493 ug/L

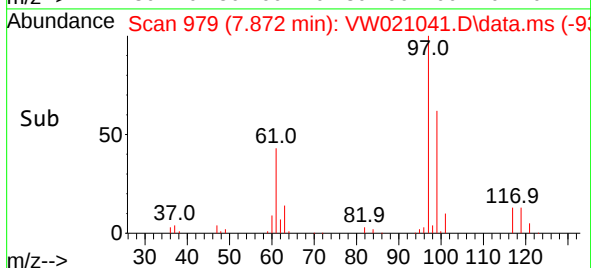
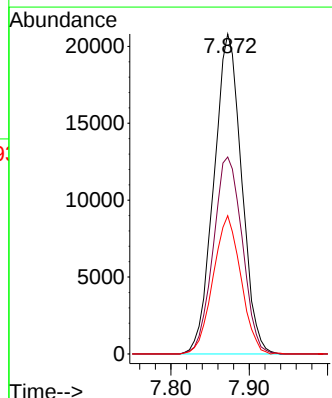
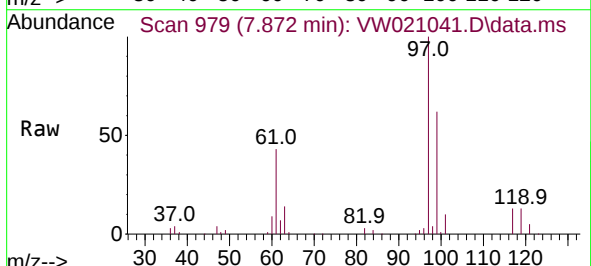
RT: 7.872 min Scan# 979

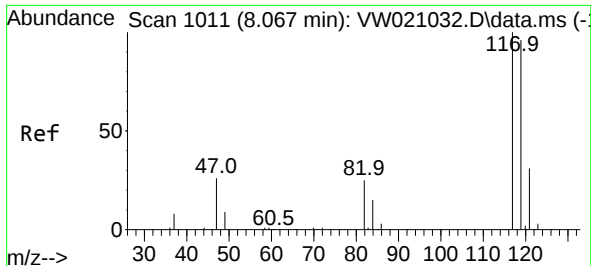
Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Tgt Ion:	97	Resp:	51229
Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	43.2	40.9	61.3

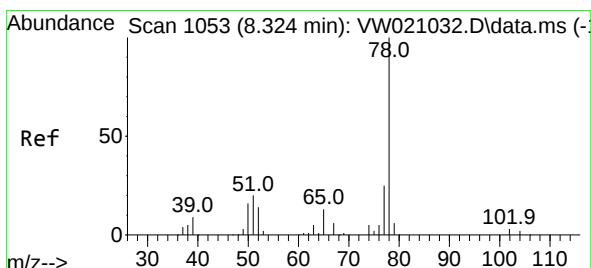
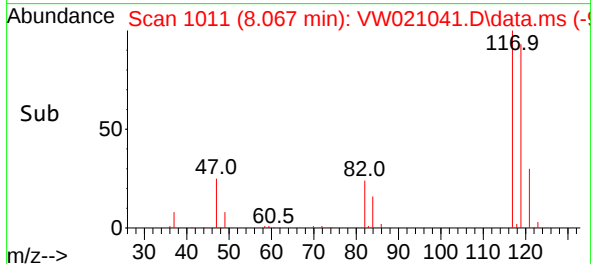
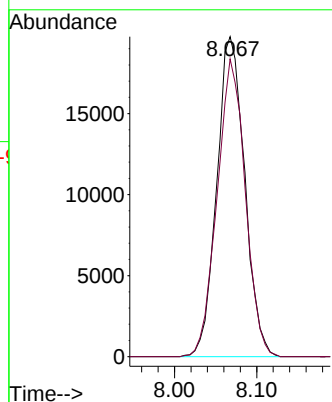
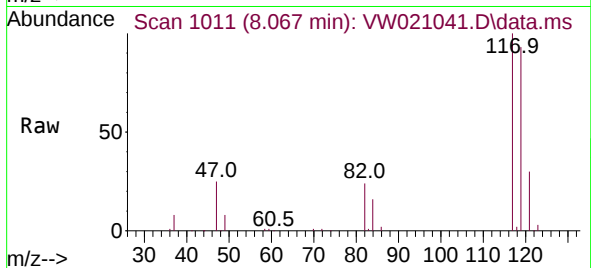




#31
Carbon tetrachloride
Concen: 22.595 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

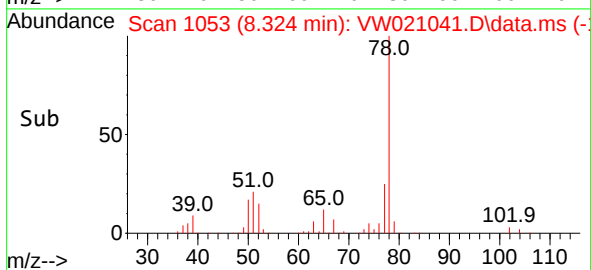
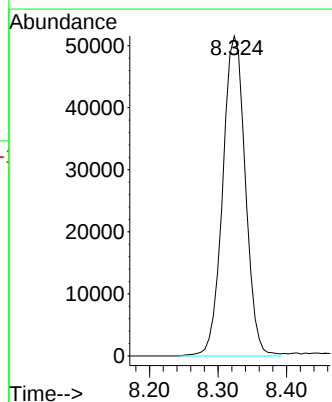
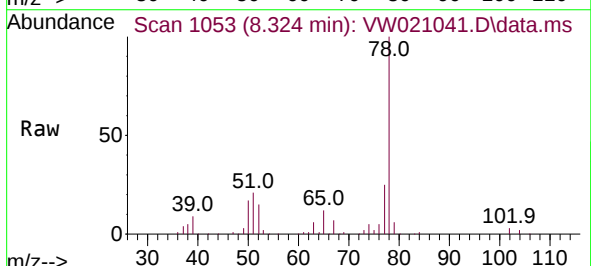
Instrument :
MSVOA_W
ClientSampleId :

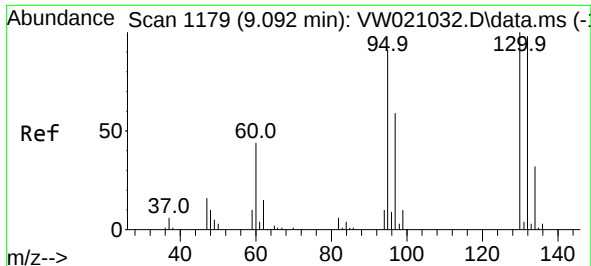
Tgt Ion:117 Resp: 46634
Ion Ratio Lower Upper
117 100
119 93.7 75.7 113.5



#33
Benzene
Concen: 23.005 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

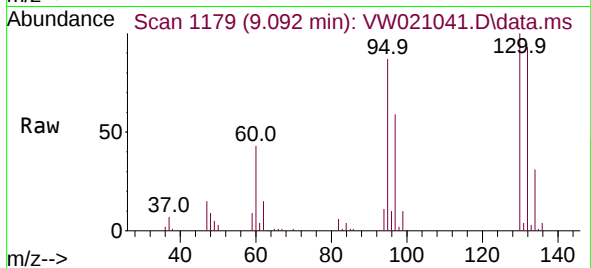
Tgt Ion: 78 Resp: 118117





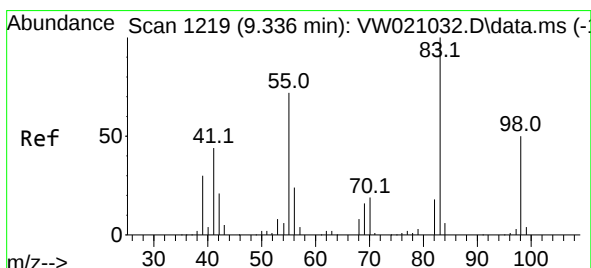
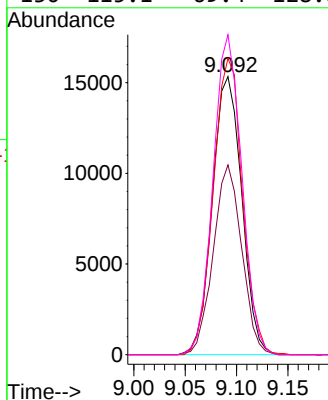
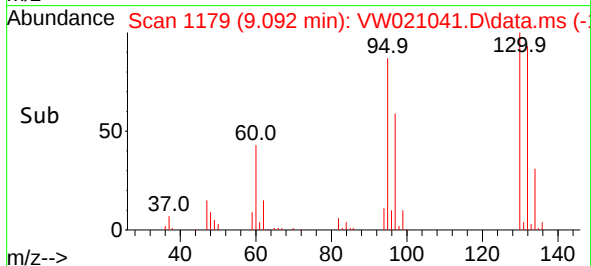
#34
Trichloroethene
Concen: 21.268 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Instrument :
MSVOA_W
ClientSampleId :

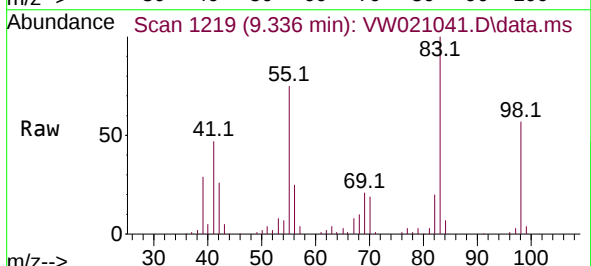


Tgt Ion: 95 Resp: 30543

Ion	Ratio	Lower	Upper
95	100		
97	68.3	47.0	87.2
132	106.6	65.5	121.6
130	115.1	69.4	128.8

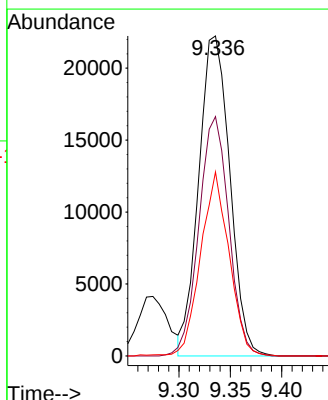
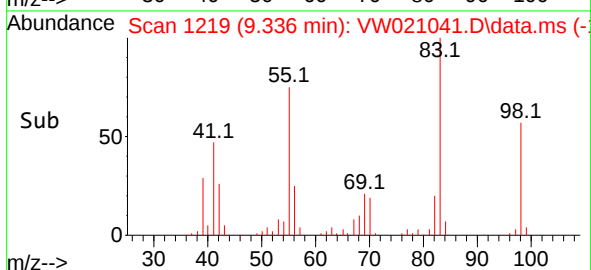


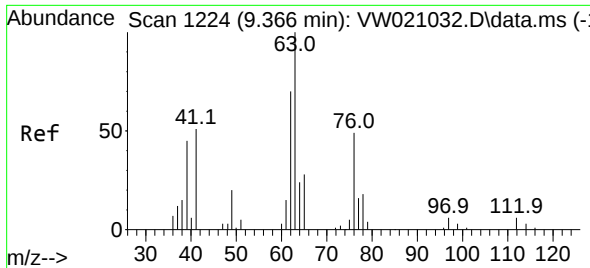
#35
Methylcyclohexane
Concen: 19.807 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47



Tgt Ion: 83 Resp: 46898

Ion	Ratio	Lower	Upper
83	100		
55	72.0	70.8	106.2
98	52.6	37.7	56.5





#37

1,2-Dichloropropane

Concen: 23.026 ug/L

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

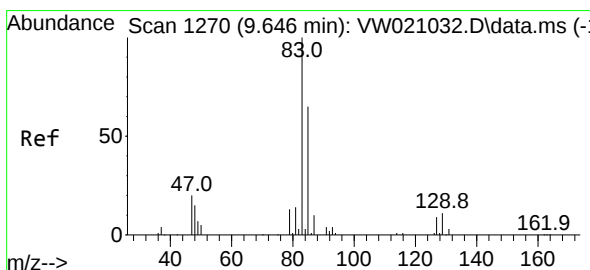
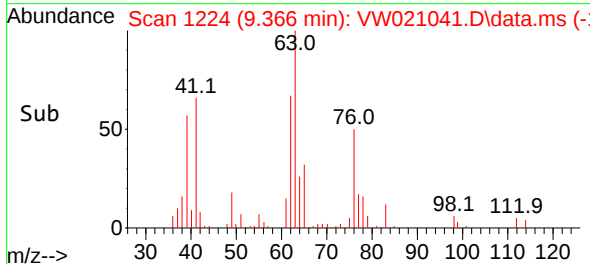
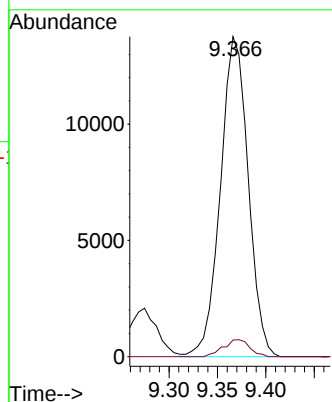
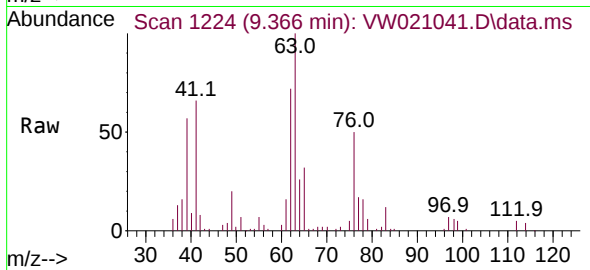
ClientSampleId :

Tgt Ion: 63 Resp: 27514

Ion Ratio Lower Upper

63 100

112 5.1 3.2 4.8#



#38

Bromodichloromethane

Concen: 22.926 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. -0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

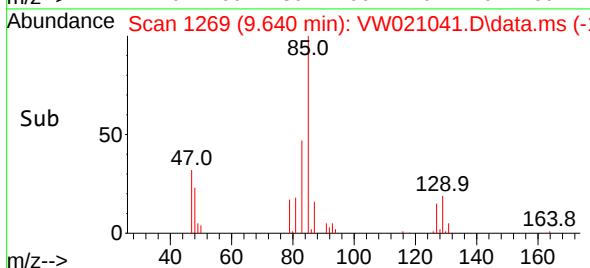
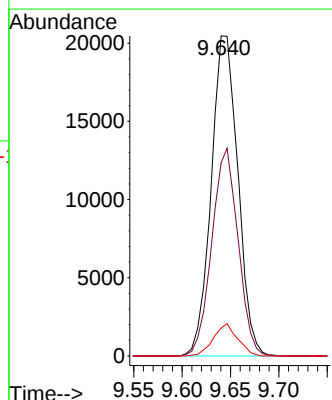
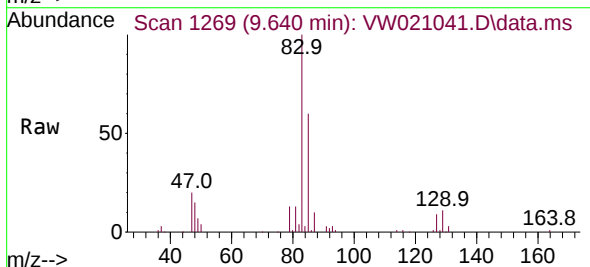
Tgt Ion: 83 Resp: 39313

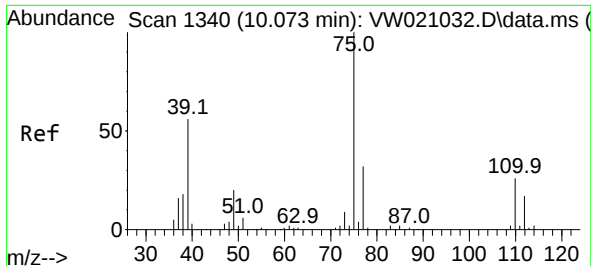
Ion Ratio Lower Upper

83 100

85 60.4 44.1 81.9

127 8.7 6.1 9.1





#39

cis-1,3-Dichloropropene

Concen: 21.513 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

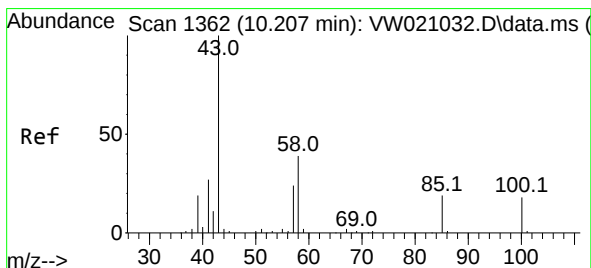
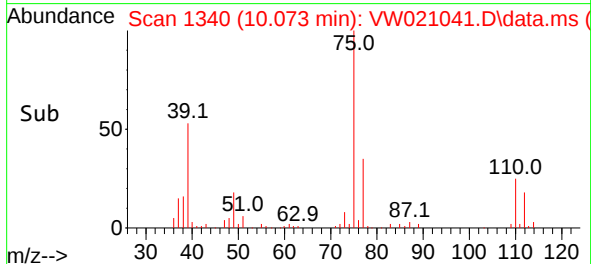
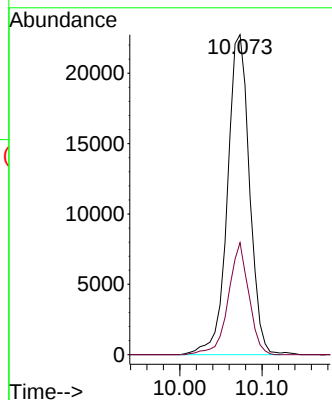
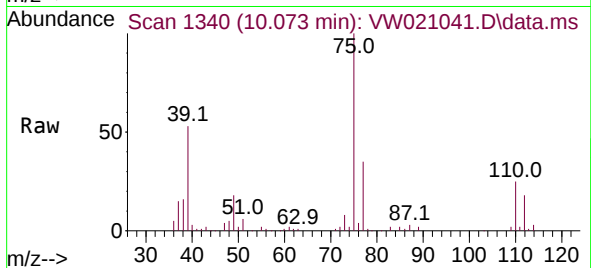
ClientSampleId :

Tgt Ion: 75 Resp: 42442

Ion Ratio Lower Upper

75 100

77 35.0 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 43.953 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

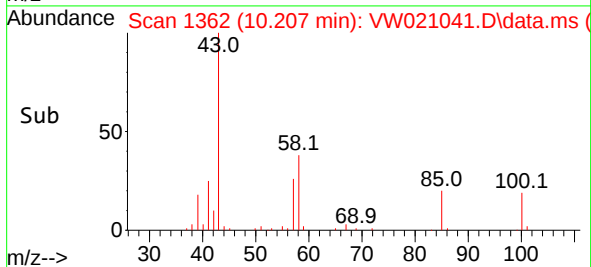
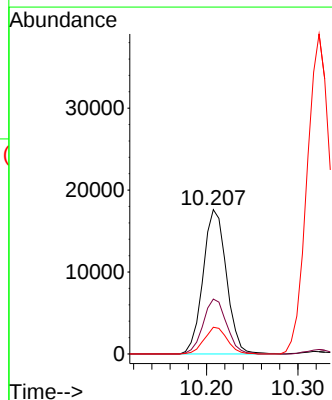
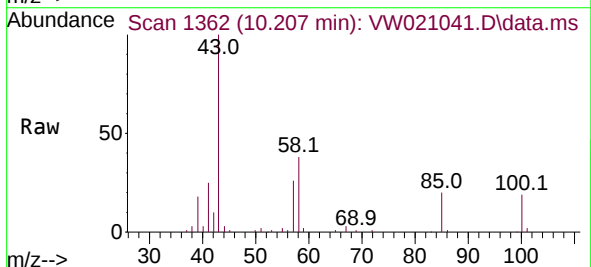
Tgt Ion: 43 Resp: 31260

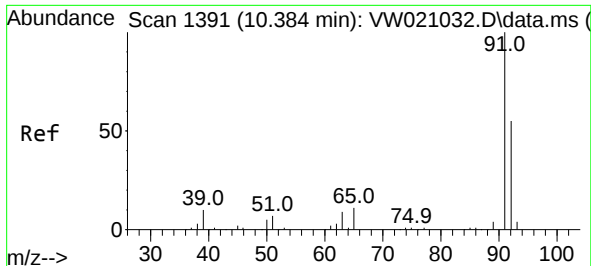
Ion Ratio Lower Upper

43 100

58 38.2 28.8 43.2

100 18.2 10.0 15.0#

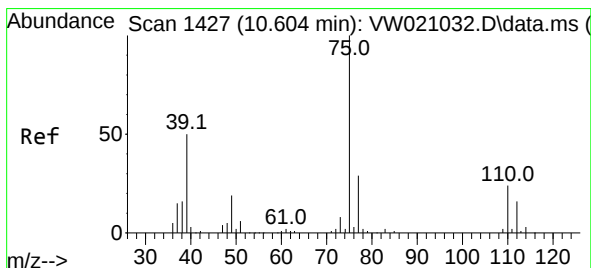
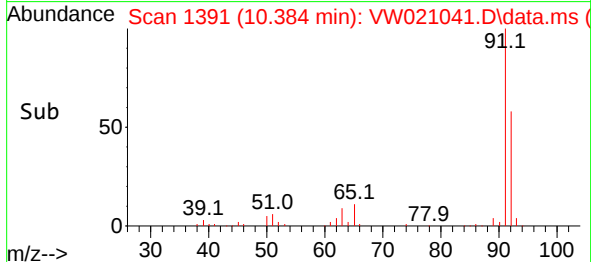
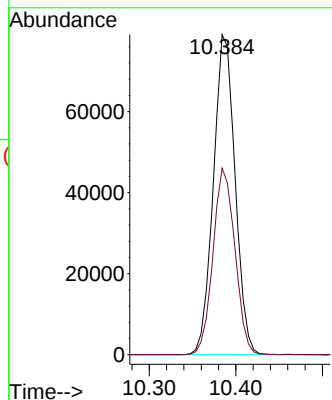
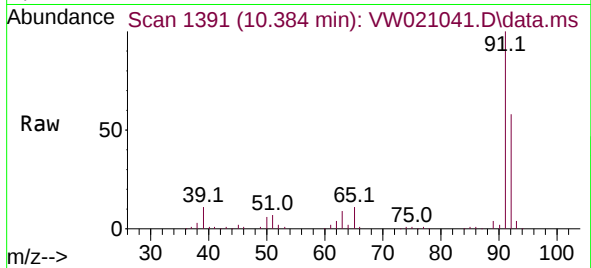




#42
Toluene
Concen: 23.842 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

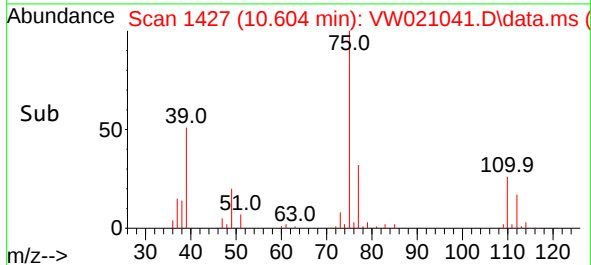
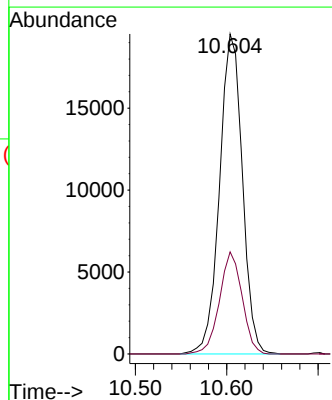
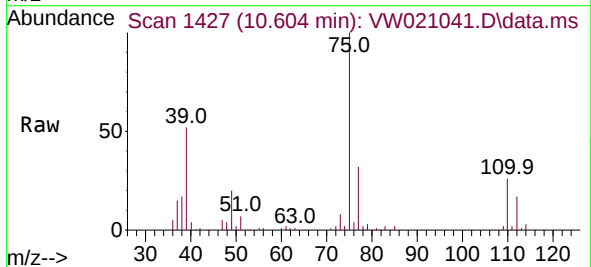
Instrument :
MSVOA_W
ClientSampleId :

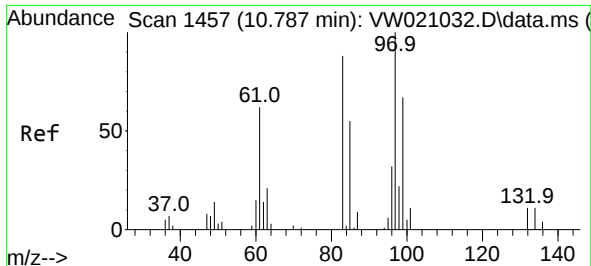
Tgt Ion: 91 Resp: 137689
Ion Ratio Lower Upper
91 100
92 58.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 19.543 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 75 Resp: 33886
Ion Ratio Lower Upper
75 100
77 31.9 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 23.097 ug/L

RT: 10.786 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 21465

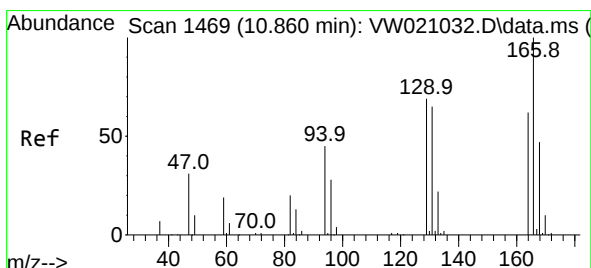
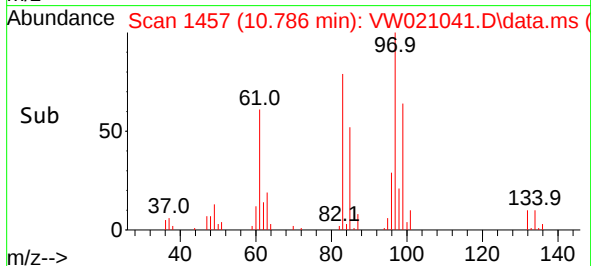
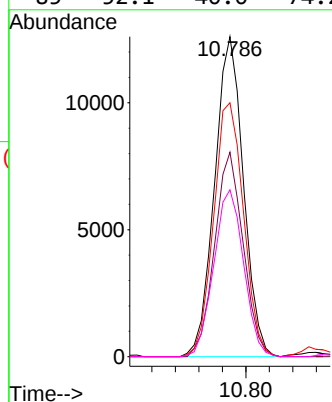
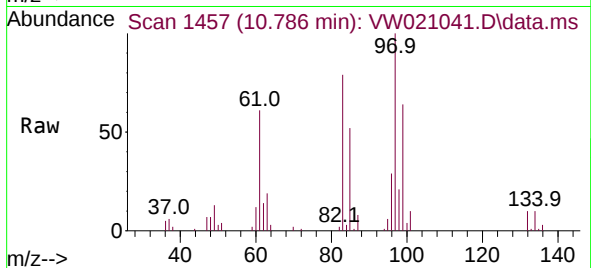
Ion Ratio Lower Upper

97 100

99 63.9 43.0 79.8

83 79.3 62.6 116.3

85 52.1 40.0 74.2



#46

Tetrachloroethene

Concen: 20.734 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Tgt Ion:164 Resp: 27339

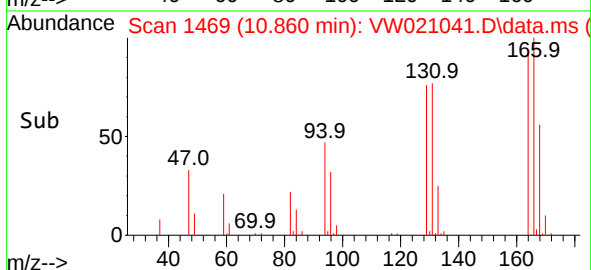
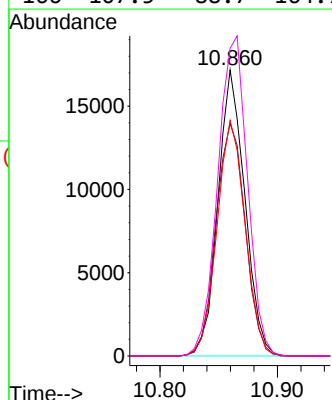
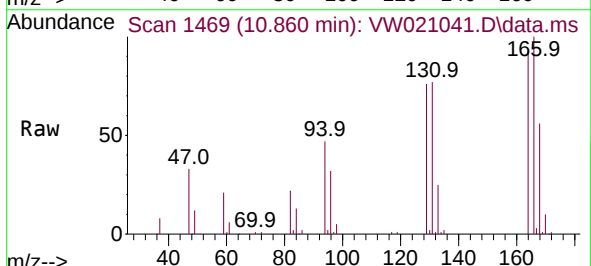
Ion Ratio Lower Upper

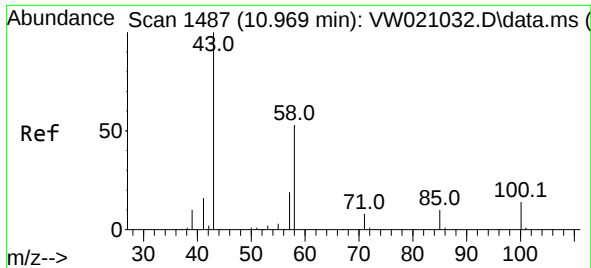
164 100

129 81.3 65.5 121.7

131 82.3 59.7 110.9

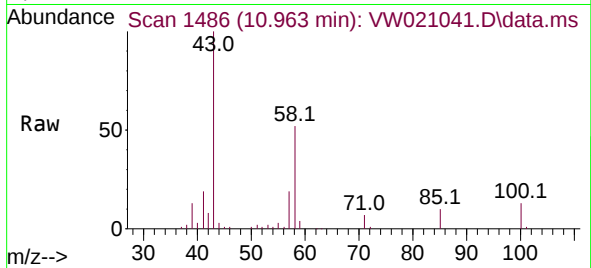
166 107.5 88.7 164.7



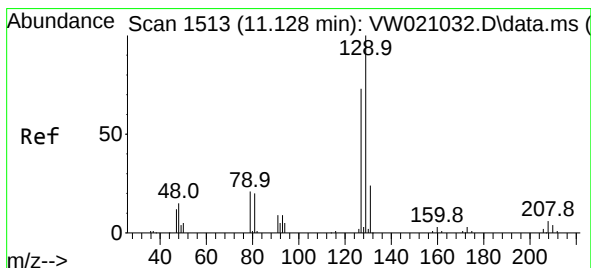
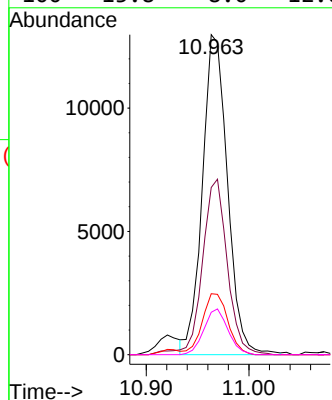
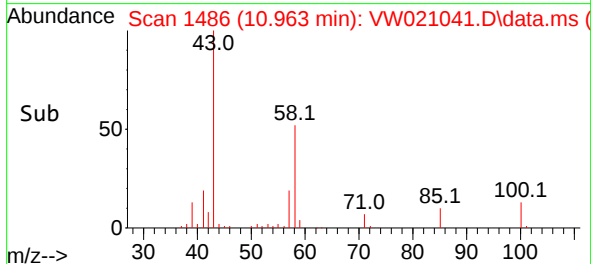


#48
2-Hexanone
Concen: 44.775 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. -0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Instrument :
MSVOA_W
ClientSampleId :

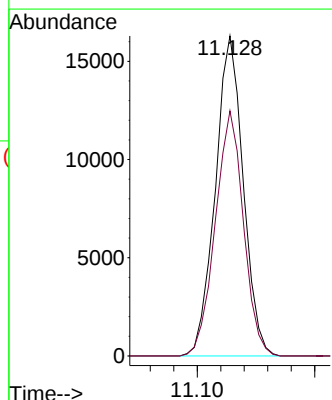
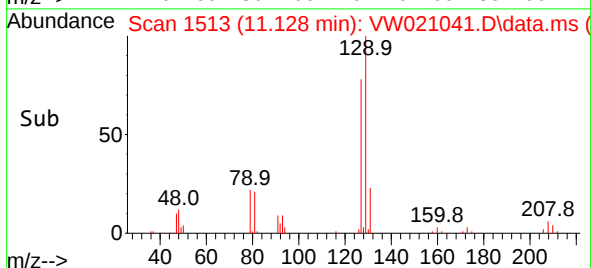
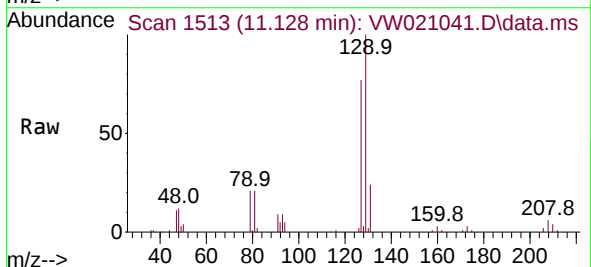


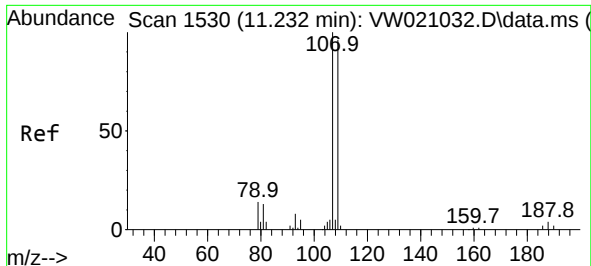
Tgt Ion: 43 Resp: 22058
Ion Ratio Lower Upper
43 100
58 53.8 40.2 60.2
57 19.5 14.3 21.5
100 13.8 8.0 12.0#



#49
Dibromochloromethane
Concen: 20.990 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 129 Resp: 26893
Ion Ratio Lower Upper
129 100
127 76.6 55.7 103.5





#50

1,2-Dibromoethane

Concen: 20.817 ug/L

RT: 11.232 min Scan# 1

Delta R.T. 0.000 min

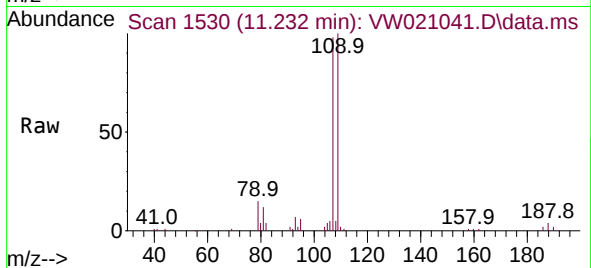
Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :



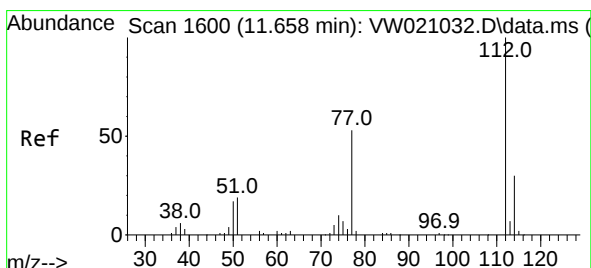
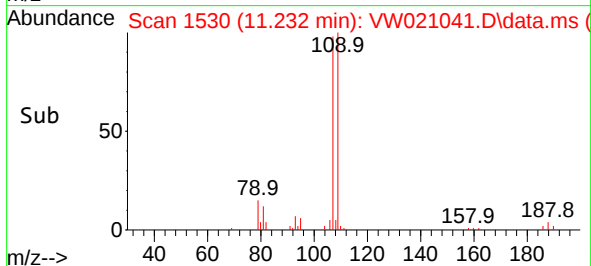
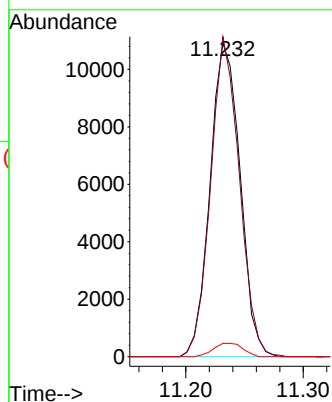
Tgt Ion:107 Resp: 19396

Ion Ratio Lower Upper

107 100

109 102.1 64.1 119.1

188 4.2 2.6 3.8#



#51

Chlorobenzene

Concen: 21.114 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

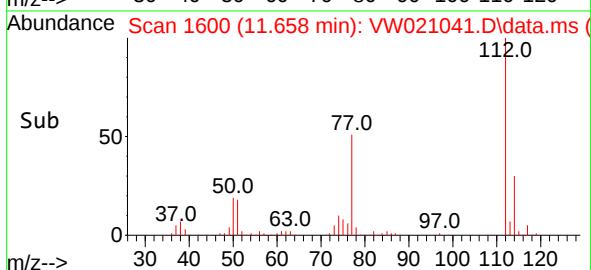
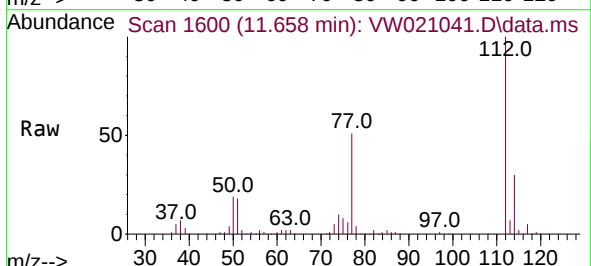
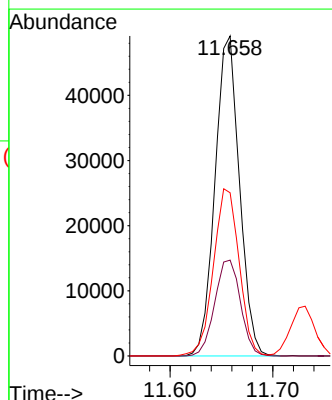
Tgt Ion:112 Resp: 81100

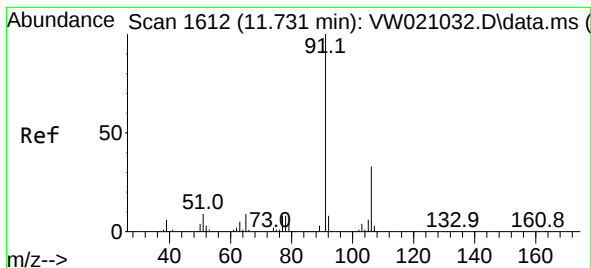
Ion Ratio Lower Upper

112 100

114 30.0 22.4 41.6

77 51.0 50.2 75.4

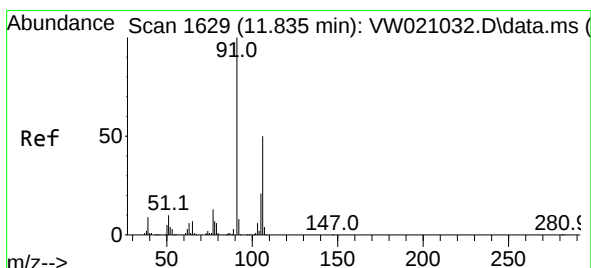
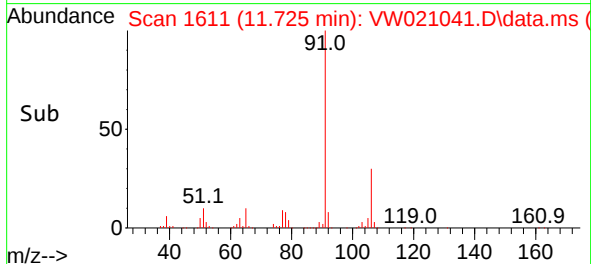
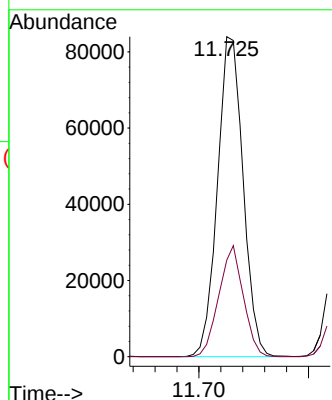
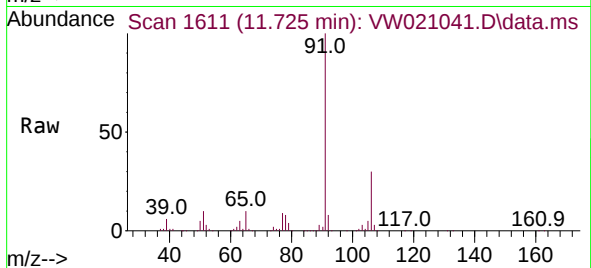




#52
Ethylbenzene
Concen: 21.336 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. -0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

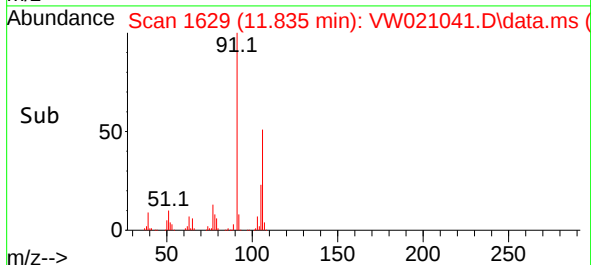
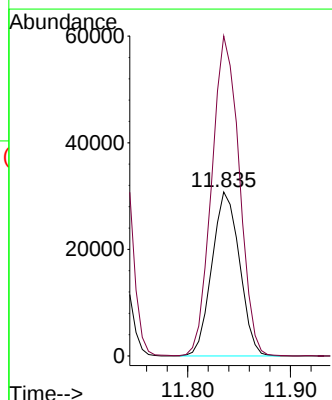
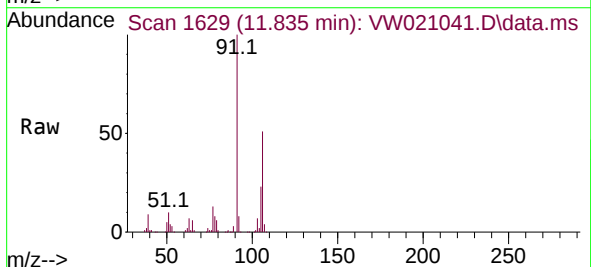
Instrument :
MSVOA_W
ClientSampleId :

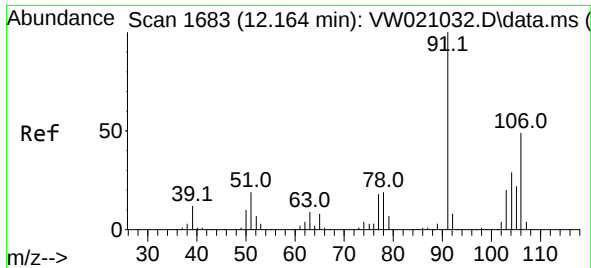
Tgt Ion: 91 Resp: 136536
Ion Ratio Lower Upper
91 100
106 30.2 21.5 39.9



#53
m,p-Xylene
Concen: 21.967 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion:106 Resp: 57393
Ion Ratio Lower Upper
106 100
91 195.0 149.9 278.3

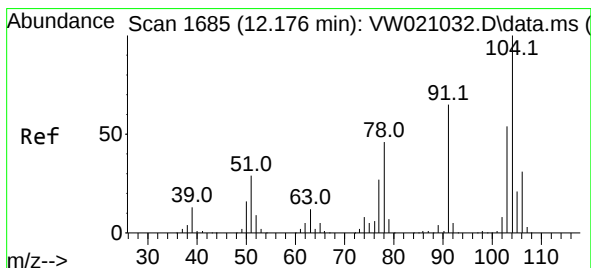
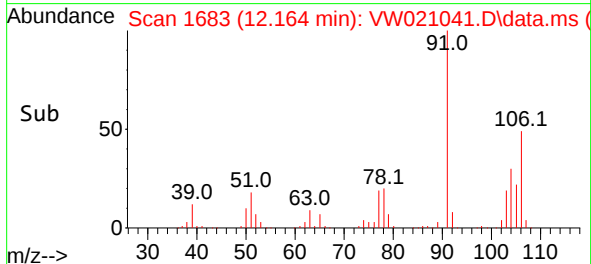
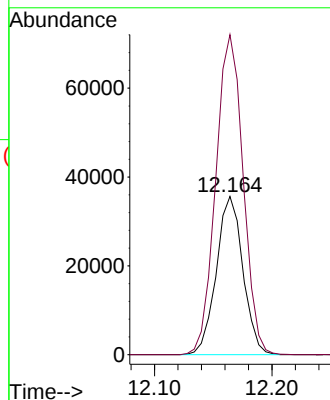
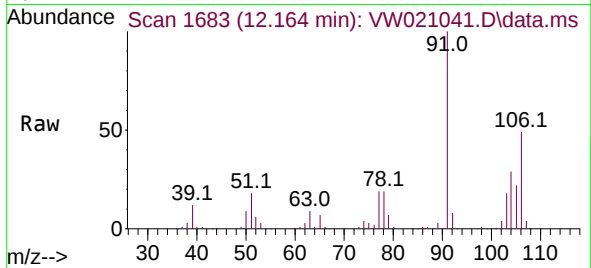




#54
o-Xylene
Concen: 22.319 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

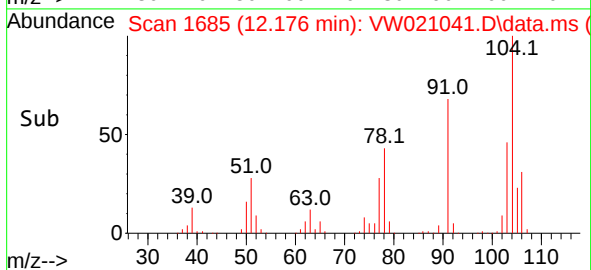
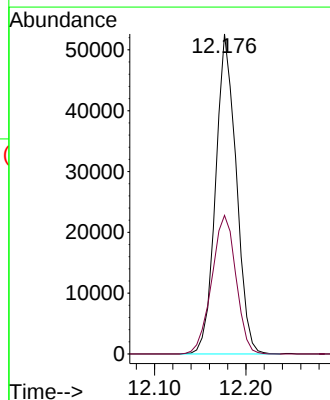
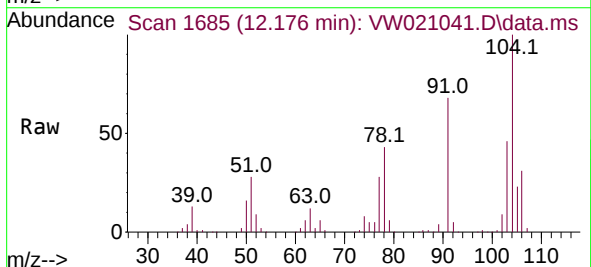
Instrument :
MSVOA_W
ClientSampleId :

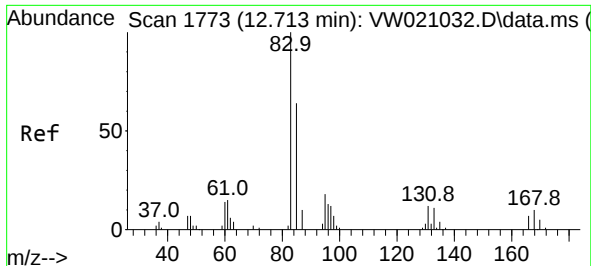
Tgt Ion:106 Resp: 56003
Ion Ratio Lower Upper
106 100
91 202.3 153.6 285.3



#55
Styrene
Concen: 19.744 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion:104 Resp: 82262
Ion Ratio Lower Upper
104 100
78 43.3 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.983 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021041.D

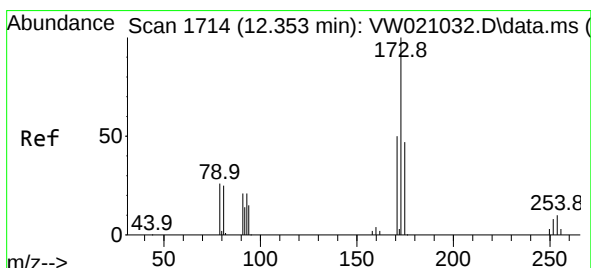
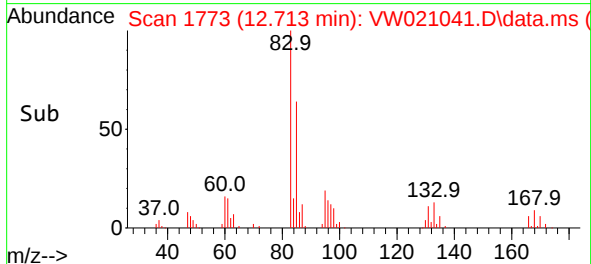
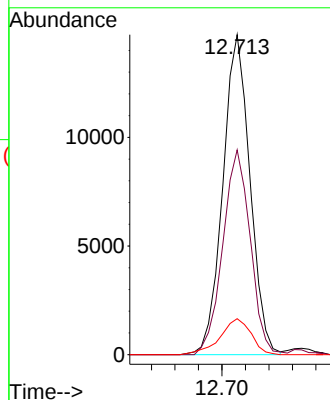
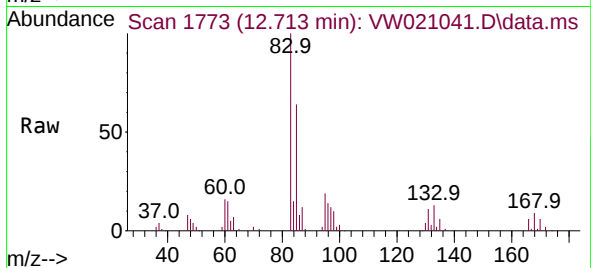
Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 23673
Ion Ratio	Lower Upper
83 100	
85 64.0	44.0 81.6
131 11.3	6.9 10.3#



#59

Bromoform

Concen: 24.141 ug/L

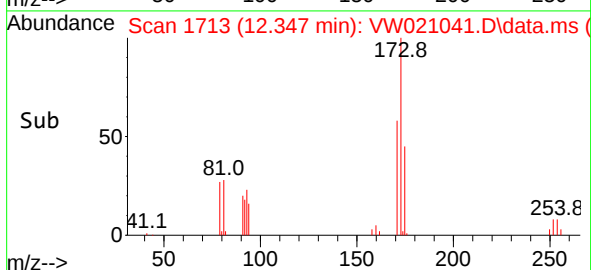
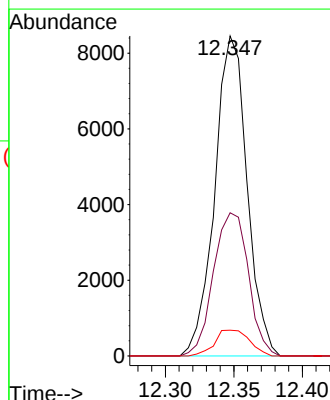
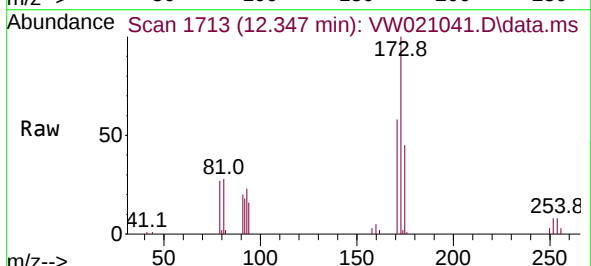
RT: 12.347 min Scan# 1713

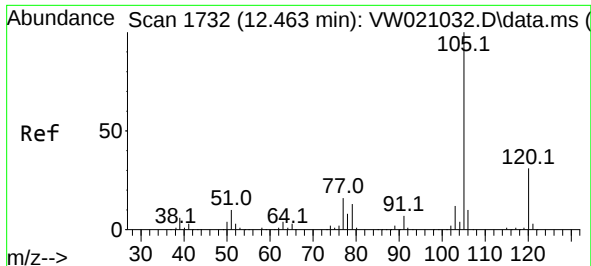
Delta R.T. -0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Tgt Ion: 173	Resp: 13876
Ion Ratio	Lower Upper
173 100	
175 48.4	39.6 59.4
254 8.7	7.4 11.0

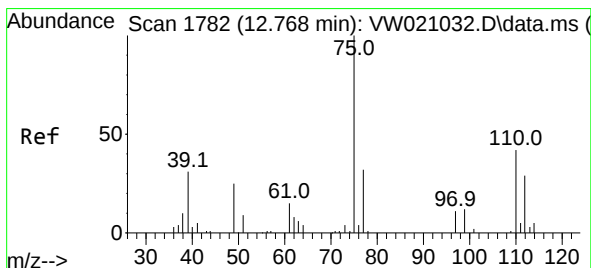
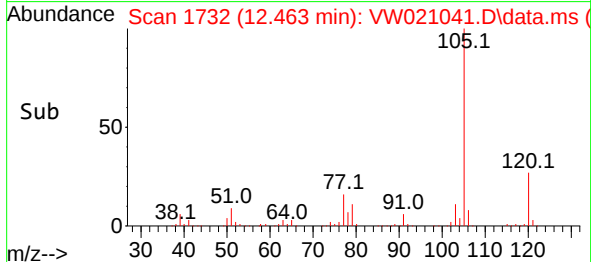
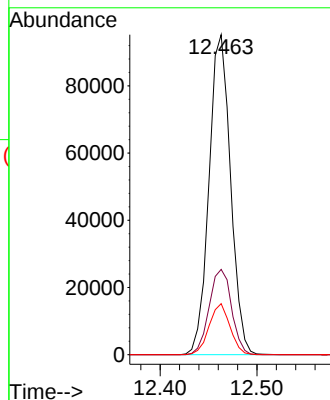
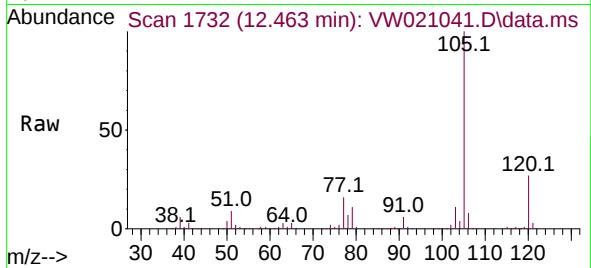




#60
Isopropylbenzene
Concen: 28.073 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

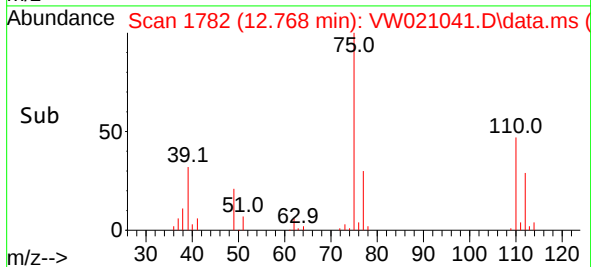
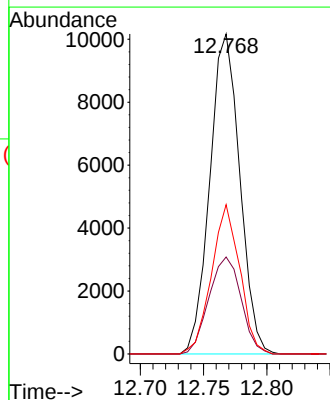
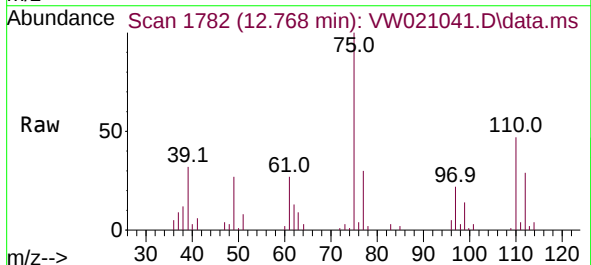
Instrument :
MSVOA_W
ClientSampleId :

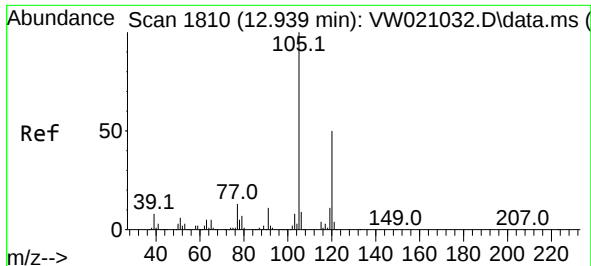
Tgt Ion:105 Resp: 147394
Ion Ratio Lower Upper
105 100
120 27.7 20.1 30.1
77 15.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 29.628 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

Tgt Ion: 75 Resp: 16753
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.8
110 44.0 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 27.138 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

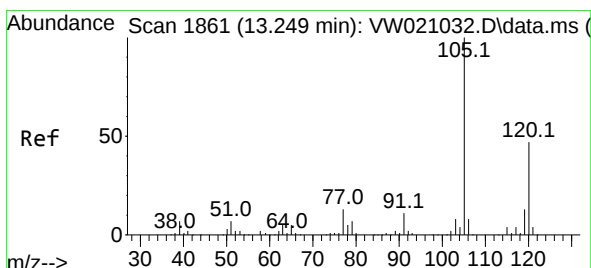
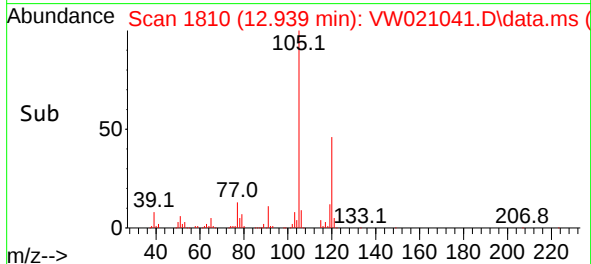
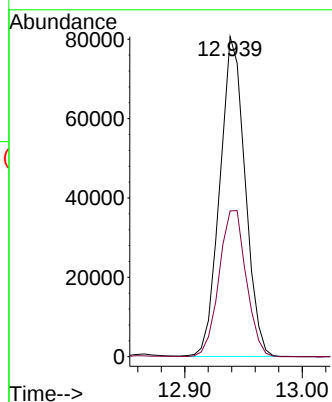
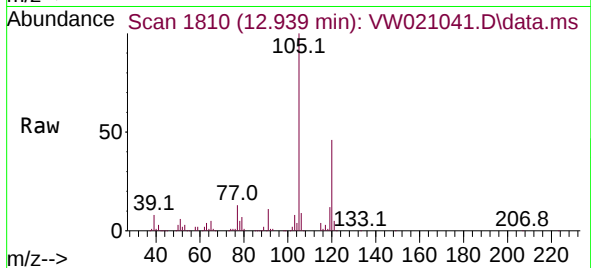
ClientSampleId :

Tgt Ion:105 Resp: 120200

Ion Ratio Lower Upper

105 100

120 49.2 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.483 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021041.D

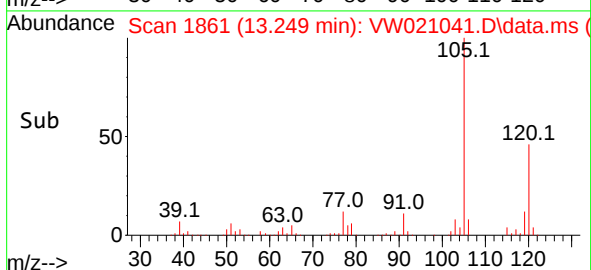
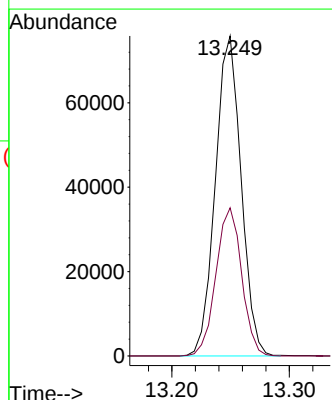
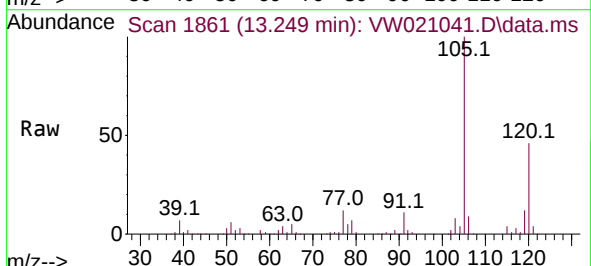
Acq: 02 Dec 2021 12:47

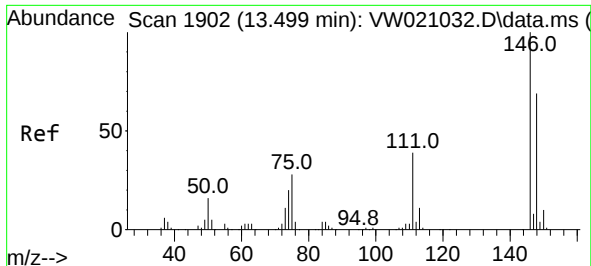
Tgt Ion:105 Resp: 115730

Ion Ratio Lower Upper

105 100

120 46.1 35.0 52.6





#64

1,3-Dichlorobenzene

Concen: 21.059 ug/L

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

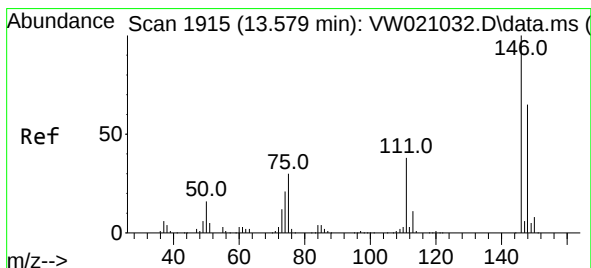
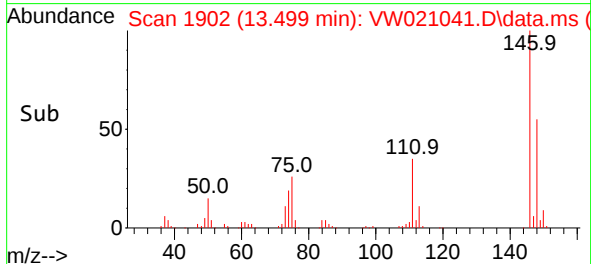
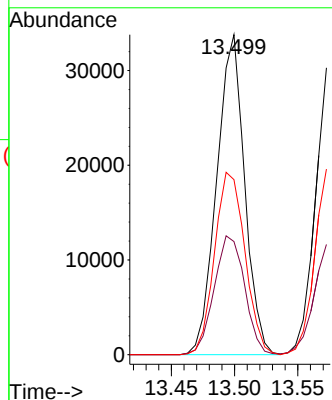
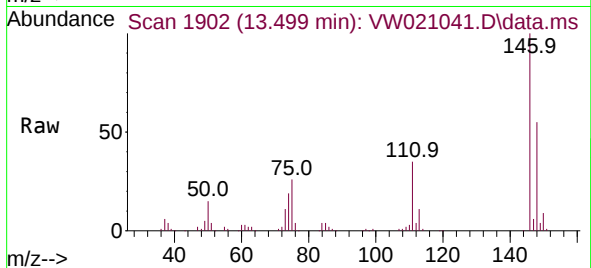
Tgt Ion:146 Resp: 51840

Ion Ratio Lower Upper

146 100

111 35.3 29.8 55.3

148 54.7 46.2 85.8



#65

1,4-Dichlorobenzene

Concen: 20.963 ug/L

RT: 13.579 min Scan# 1915

Delta R.T. -0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

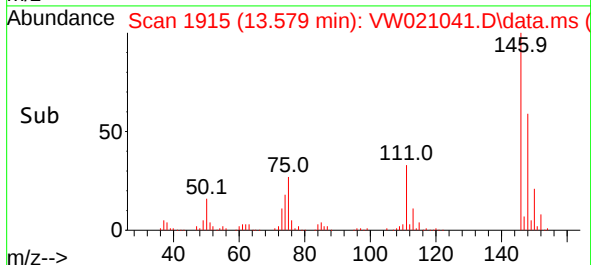
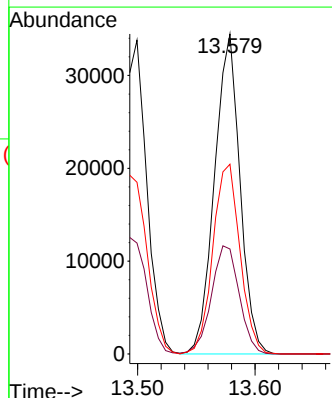
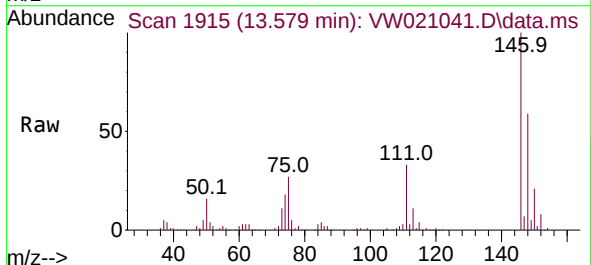
Tgt Ion:146 Resp: 52053

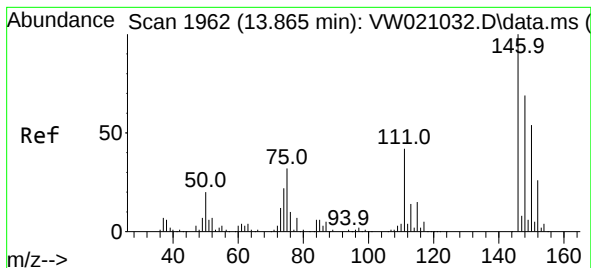
Ion Ratio Lower Upper

146 100

111 32.8 29.0 53.9

148 59.3 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 21.836 ug/L

RT: 13.871 min Scan# 1963

Delta R.T. 0.006 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

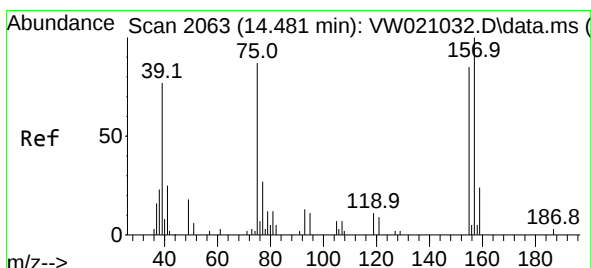
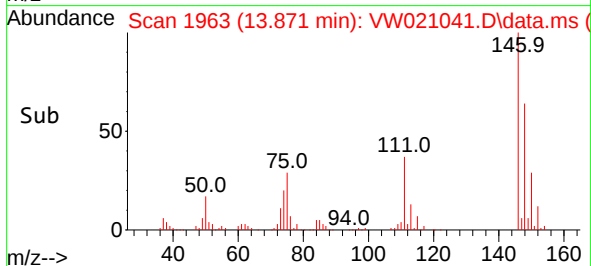
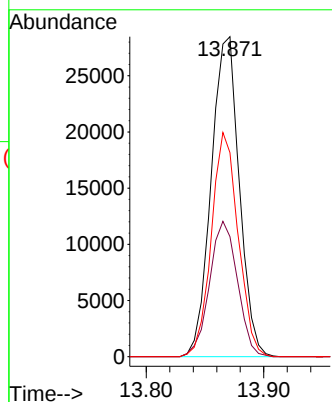
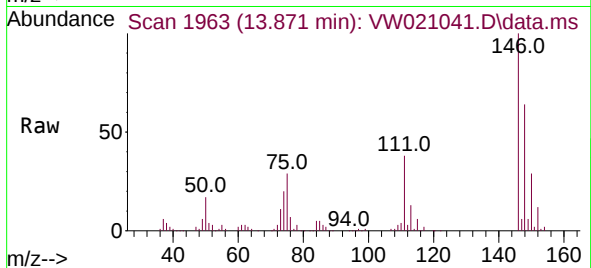
Tgt Ion:146 Resp: 47366

Ion Ratio Lower Upper

146 100

111 37.5 33.1 49.7

148 63.8 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.663 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

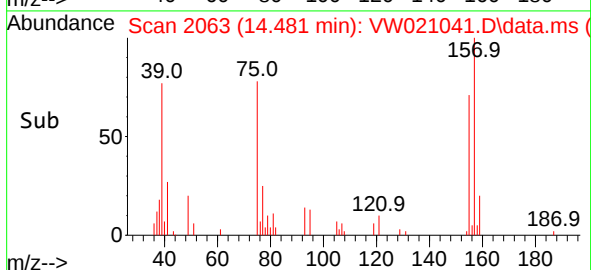
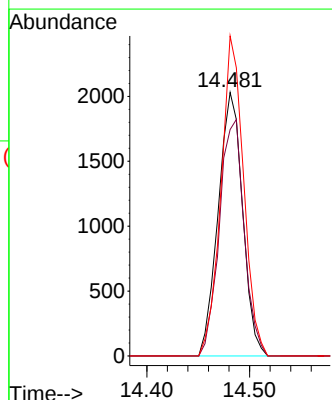
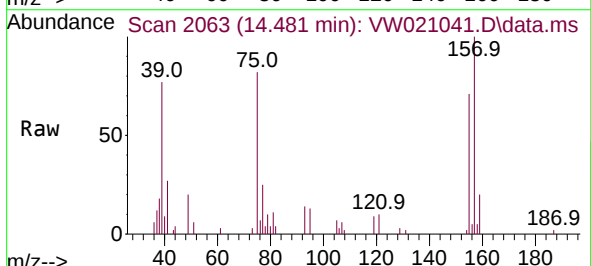
Tgt Ion: 75 Resp: 3334

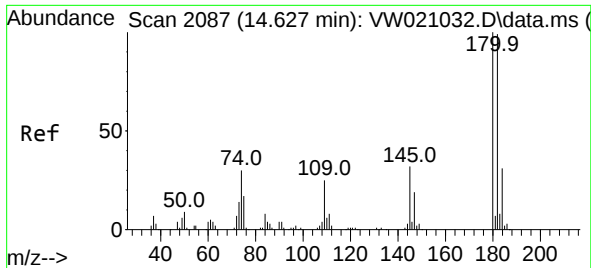
Ion Ratio Lower Upper

75 100

155 85.9 54.2 81.2#

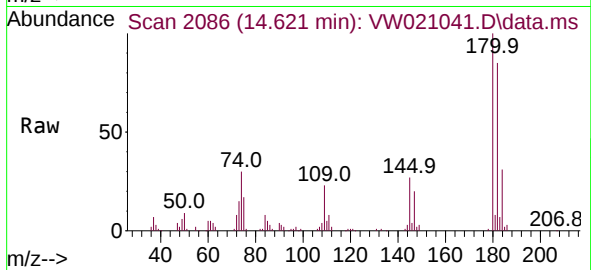
157 121.4 69.4 104.2#



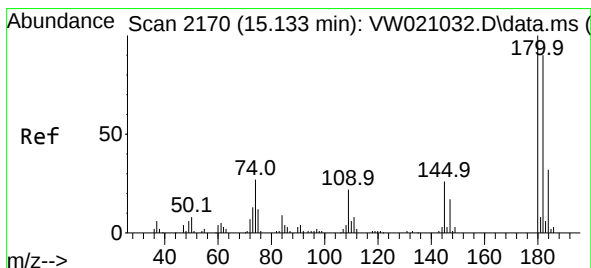
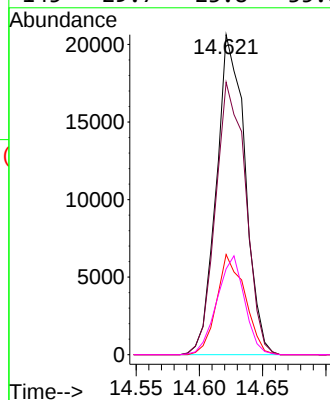
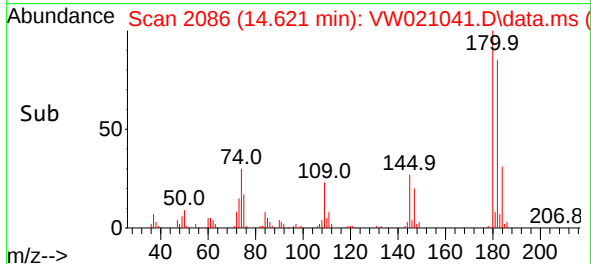


#69
1,3,5-Trichlorobenzene
Concen: 16.660 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47

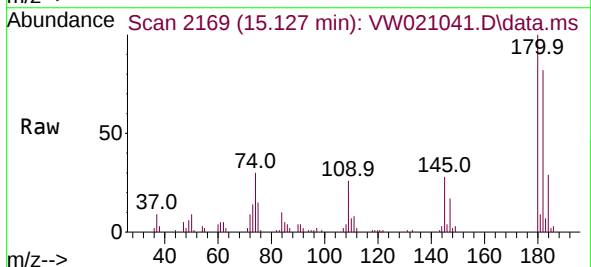
Instrument :
MSVOA_W
ClientSampleId :



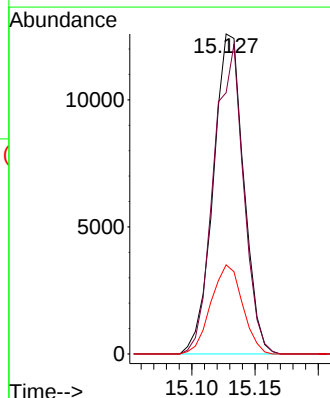
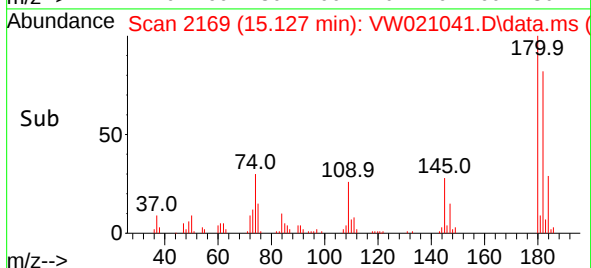
Tgt Ion:180 Resp: 32482
Ion Ratio Lower Upper
180 100
182 89.2 75.4 113.0
184 30.8 23.8 35.8
145 29.7 23.8 35.8

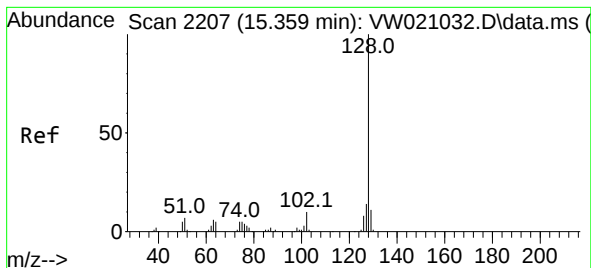


#70
1,2,4-trichlorobenzene
Concen: 13.208 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW021041.D
Acq: 02 Dec 2021 12:47



Tgt Ion:180 Resp: 21068
Ion Ratio Lower Upper
180 100
182 94.5 79.0 118.6
145 28.8 26.0 39.0





#71

Naphthalene

Concen: 18.682 ug/L

RT: 15.359 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW021041.D

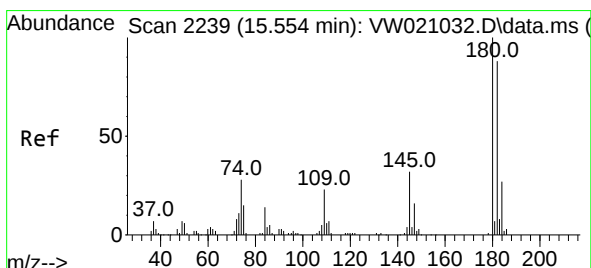
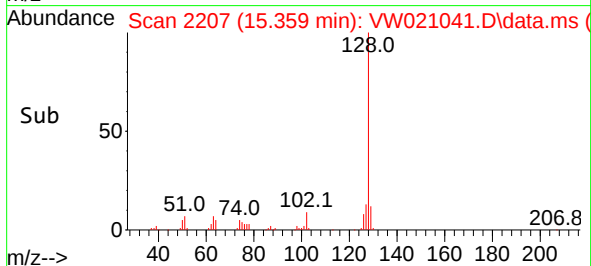
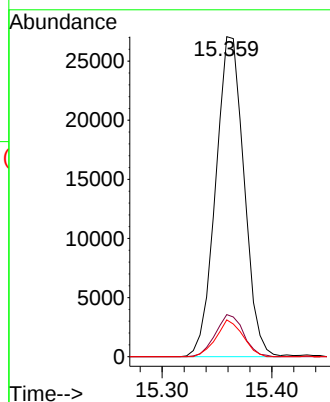
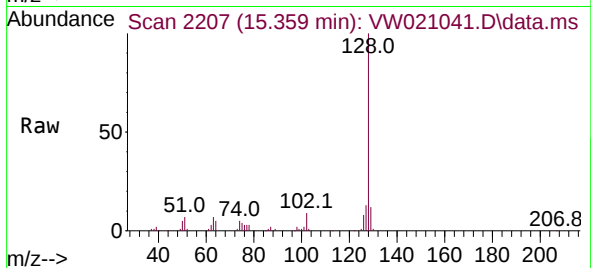
Acq: 02 Dec 2021 12:47

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	48556
Ion Ratio	Lower	Upper
128	100	
127	13.0	10.7 16.1
129	10.8	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 14.608 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.000 min

Lab File: VW021041.D

Acq: 02 Dec 2021 12:47

Tgt Ion:180	Resp:	19662
Ion Ratio	Lower	Upper
180	100	
182	86.5	76.6 114.8
145	31.5	27.4 41.0

