

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021092.D
 Acq On : 04 Dec 2021 03:16
 Operator : SY/VA
 Sample : M4883-22MSD
 Misc : 5.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 05:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	105529	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	87159	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	39396	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	38984	26.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 106.040%	
7) Chloroethane-d5	2.885	69	27977	28.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 113.680%	
11) 1,1-Dichloroethene-d2	4.019	63	59848	25.480	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 101.920%	
21) 2-Butanone-d5	7.086	46	12338	36.789	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 73.580%	
24) Chloroform-d	7.653	84	68622	25.965	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 103.880%	
26) 1,2-Dichloroethane-d4	8.305	65	35467	24.531	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 98.120%	
32) Benzene-d6	8.275	84	126658	28.421	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 113.680%	
36) 1,2-Dichloropropane-d6	9.274	67	35772	28.884	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 115.520%	
41) Toluene-d8	10.323	98	122224	26.747	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 107.000%	
43) trans-1,3-Dichloroprop...	10.579	79	13798	24.536	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 98.160%	
47) 2-Hexanone-d5	10.927	63	9935	41.929	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 83.860%	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	24921	21.751	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 87.000%	
66) 1,2-Dichlorobenzene-d4	13.853	152	32687	23.157	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 92.640%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	10060	19.516	ug/L	96
3) Chloromethane	2.215	50	28056	24.313	ug/L	99
5) Vinyl chloride	2.361	62	49431	24.658	ug/L	94
6) Bromomethane	2.782	94	32420	24.322	ug/L	98
8) Chloroethane	2.922	64	21492	25.724	ug/L	98
9) Trichlorofluoromethane	3.263	101	24336	25.141	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	31876	21.039	ug/L	# 78
12) 1,1-Dichloroethene	4.038	96	32210	23.515	ug/L	80
13) Acetone	4.135	43	9261	30.315	ug/L	93
14) Carbon disulfide	4.385	76	87016	22.887	ug/L	99
15) Methyl Acetate	4.678	43	9429	17.023	ug/L	# 89
16) Methylene chloride	4.915	84	34794	20.928	ug/L	83
17) trans-1,2-Dichloroethene	5.434	96	34257	23.489	ug/L	85
18) Methyl tert-butyl Ether	5.434	73	50423	22.907	ug/L	94
19) 1,1-Dichloroethane	6.220	63	56911	24.609	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	36484	23.580	ug/L	75
22) 2-Butanone	7.171	43	13646	32.278	ug/L	86
23) Bromochloromethane	7.519	128	16884	23.322	ug/L	# 69
25) Chloroform	7.683	83	63361	24.407	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021092.D
 Acq On : 04 Dec 2021 03:16
 Operator : SY/VA
 Sample : M4883-22MSD
 Misc : 5.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 05:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

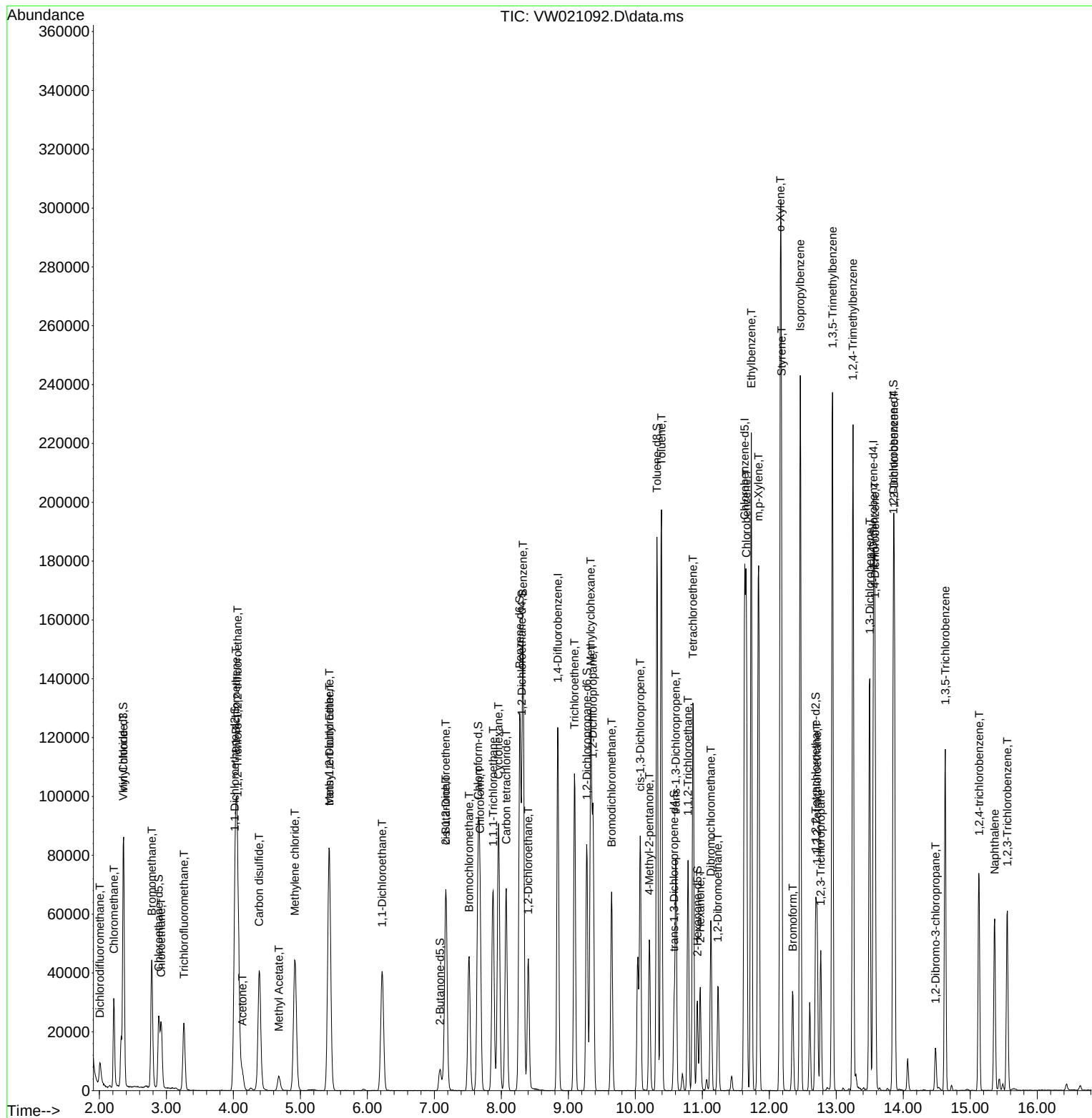
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	39065	23.004	ug/L	97
29) Cyclohexane	7.958	56	48180	25.058	ug/L #	83
30) 1,1,1-Trichloroethane	7.878	97	54480	26.808	ug/L	95
31) Carbon tetrachloride	8.073	117	49240	26.075	ug/L	98
33) Benzene	8.323	78	130041	26.237	ug/L	100
34) Trichloroethene	9.092	95	34839	25.478	ug/L	89
35) Methylcyclohexane	9.335	83	52305	22.725	ug/L	85
37) 1,2-Dichloropropane	9.366	63	30333	27.077	ug/L #	96
38) Bromodichloromethane	9.646	83	42818	27.190	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	45923	25.344	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	32230	42.233	ug/L #	93
42) Toluene	10.390	91	144185	25.469	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	39103	23.852	ug/L	96
45) 1,1,2-Trichloroethane	10.786	97	23471	24.991	ug/L	94
46) Tetrachloroethene	10.860	164	30527	24.380	ug/L	90
48) 2-Hexanone	10.969	43	21635	39.299	ug/L #	94
49) Dibromochloromethane	11.128	129	28690	24.441	ug/L	97
50) 1,2-Dibromoethane	11.231	107	22901	23.911	ug/L #	99
51) Chlorobenzene	11.658	112	85767	22.673	ug/L	93
52) Ethylbenzene	11.731	91	148937	23.369	ug/L	97
53) m,p-Xylene	11.841	106	59600	22.606	ug/L	84
54) o-Xylene	12.164	106	57847	23.271	ug/L	100
55) Styrene	12.182	104	87603	20.685	ug/L	91
57) 1,1,2,2-Tetrachloroethane	12.713	83	23974	21.222	ug/L #	95
59) Bromoform	12.353	173	16306	29.024	ug/L	92
60) Isopropylbenzene	12.463	105	156834	28.645	ug/L	97
61) 1,2,3-Trichloropropane	12.768	75	17352	26.293	ug/L #	91
62) 1,3,5-Trimethylbenzene	12.945	105	126576	27.606	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	120578	26.147	ug/L	96
64) 1,3-Dichlorobenzene	13.499	146	59367	23.028	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	56555	21.706	ug/L	93
67) 1,2-Dichlorobenzene	13.865	146	53128	23.145	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	3400	22.815	ug/L #	82
69) 1,3,5-Trichlorobenzene	14.627	180	34569	18.245	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	23249	14.933	ug/L	99
71) Naphthalene	15.365	128	50036	17.288	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	20500	15.087	ug/L	98

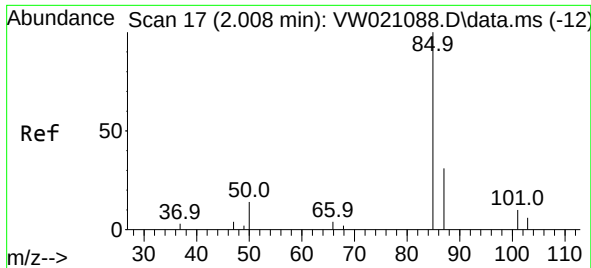
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120321\
 Data File : VW021092.D
 Acq On : 04 Dec 2021 03:16
 Operator : SY/VA
 Sample : M4883-22MSD
 Misc : 5.21g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 04 05:44:52 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120321SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 04 04:50:24 2021
 Response via : Initial Calibration

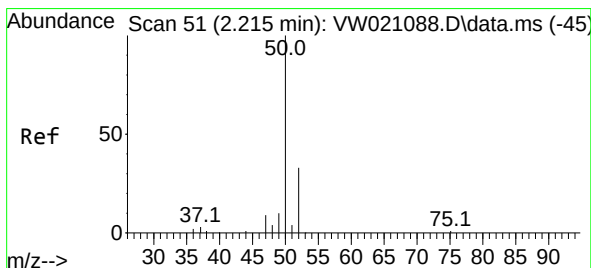
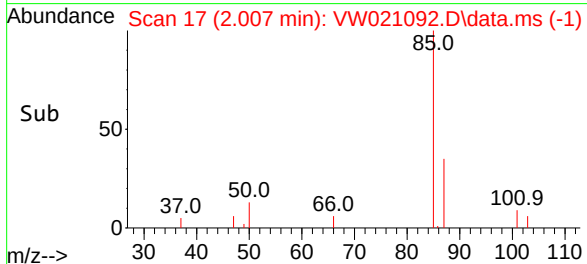
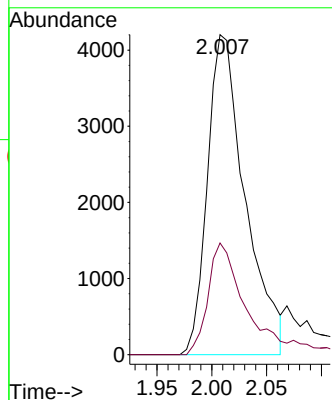
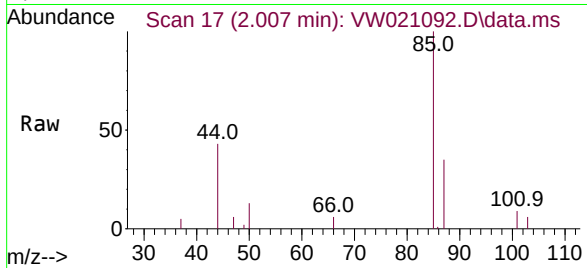




#2
Dichlorodifluoromethane
Concen: 19.516 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

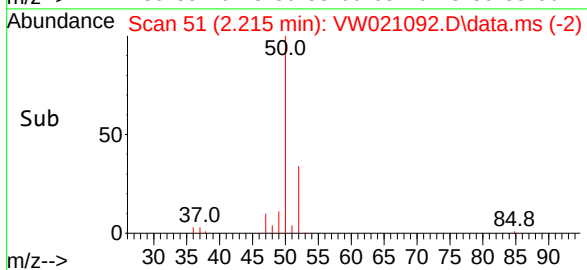
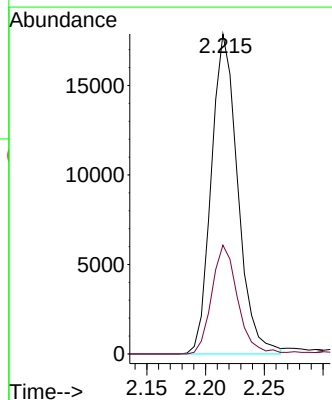
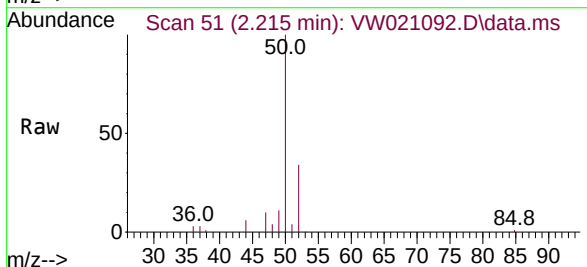
Instrument :
MSVOA_W
ClientSampleId :

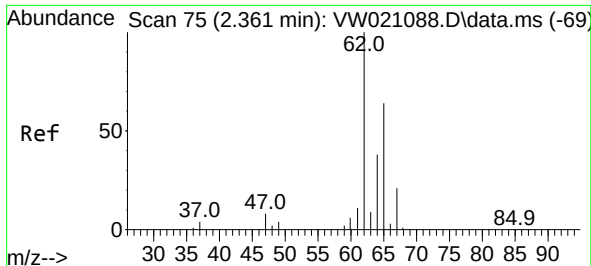
Tgt Ion: 85 Resp: 10060
Ion Ratio Lower Upper
85 100
87 30.0 25.8 38.6



#3
Chloromethane
Concen: 24.313 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 50 Resp: 28056
Ion Ratio Lower Upper
50 100
52 34.0 23.4 43.6

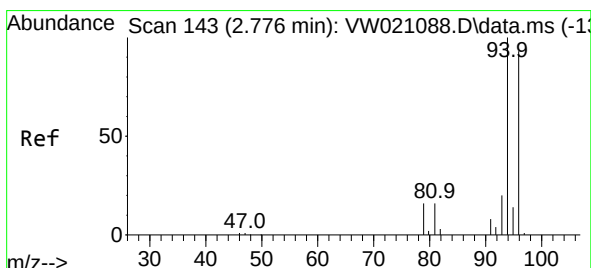
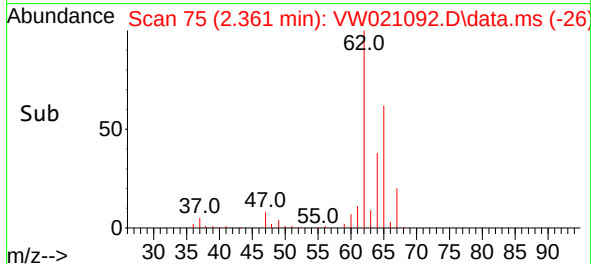
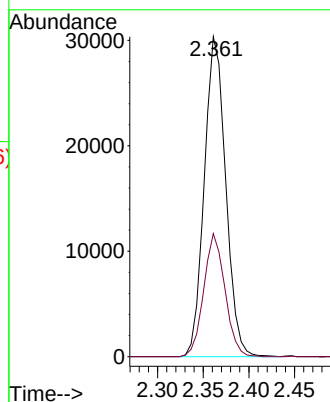
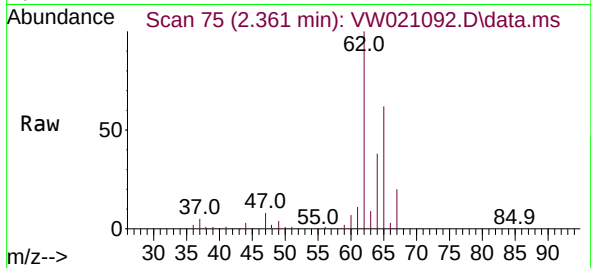




#5
 Vinyl chloride
 Concen: 24.658 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16

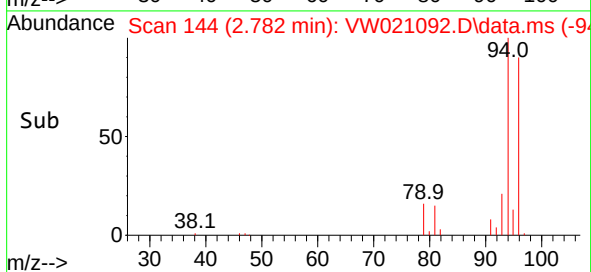
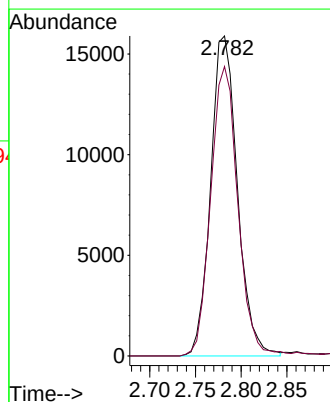
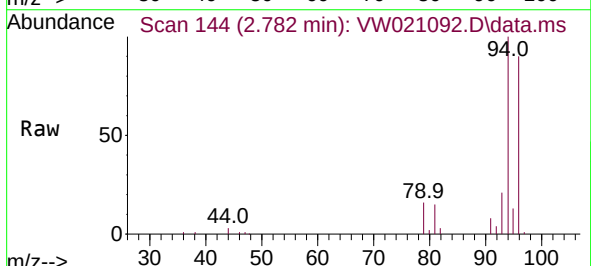
Instrument :
 MSVOA_W
 ClientSampleId :

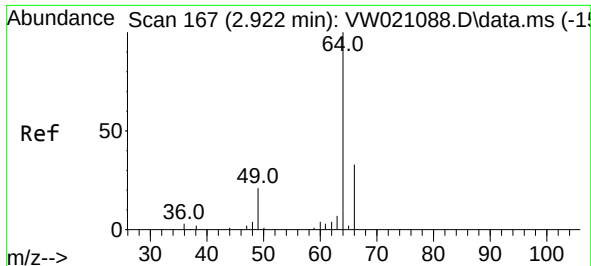
Tgt Ion: 62 Resp: 49431
 Ion Ratio Lower Upper
 62 100
 64 38.4 24.4 45.2



#6
 Bromomethane
 Concen: 24.322 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.006 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16

Tgt Ion: 94 Resp: 32420
 Ion Ratio Lower Upper
 94 100
 96 90.5 64.8 120.4





#8

Chloroethane

Concen: 25.724 ug/L

RT: 2.922 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

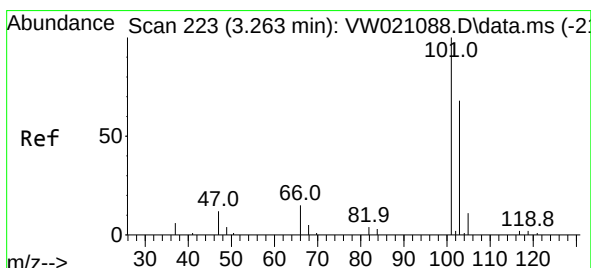
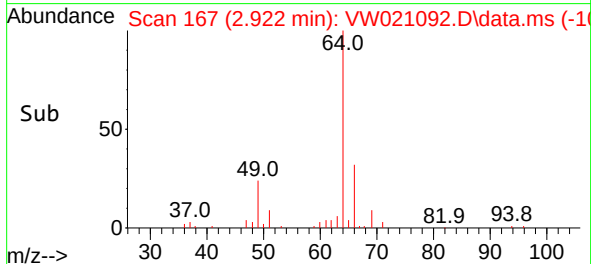
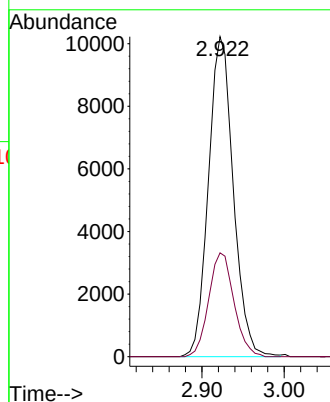
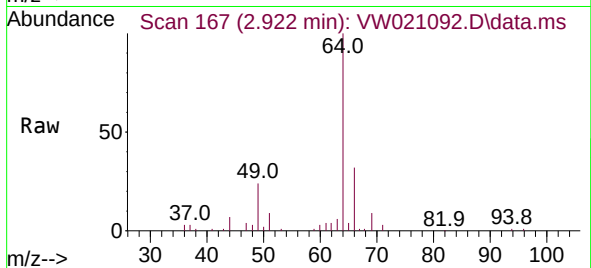
ClientSampleId :

Tgt Ion: 64 Resp: 21492

Ion Ratio Lower Upper

64 100

66 32.4 22.0 40.8



#9

Trichlorofluoromethane

Concen: 25.141 ug/L

RT: 3.263 min Scan# 223

Delta R.T. -0.000 min

Lab File: VW021092.D

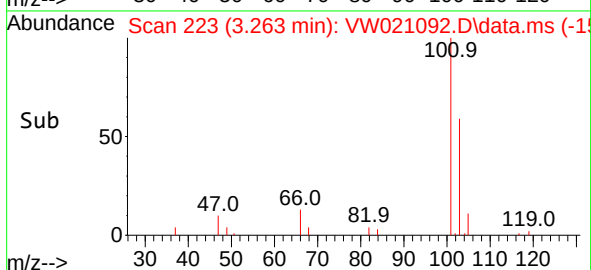
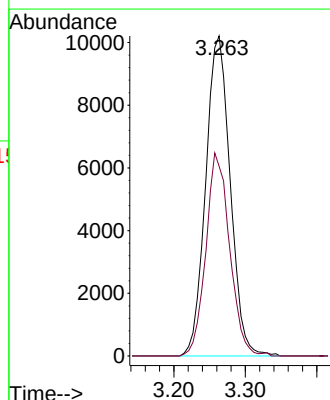
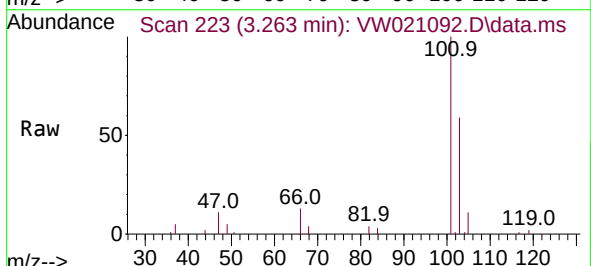
Acq: 04 Dec 2021 03:16

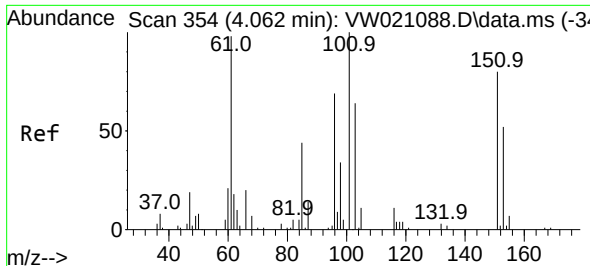
Tgt Ion:101 Resp: 24336

Ion Ratio Lower Upper

101 100

103 61.2 51.4 77.2





#10

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

Concen: 21.039 ug/L

RT: 4.062 min Scan# 31

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

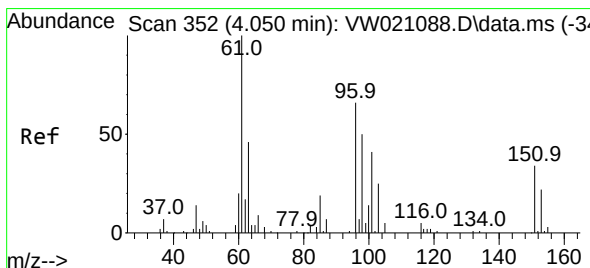
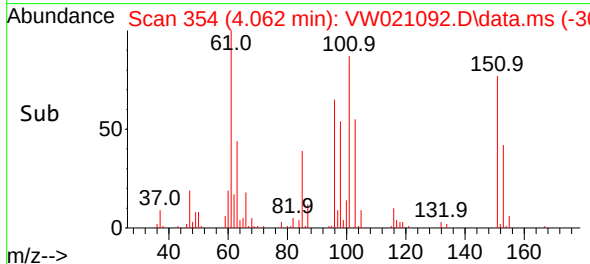
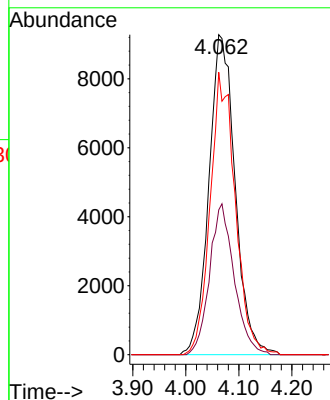
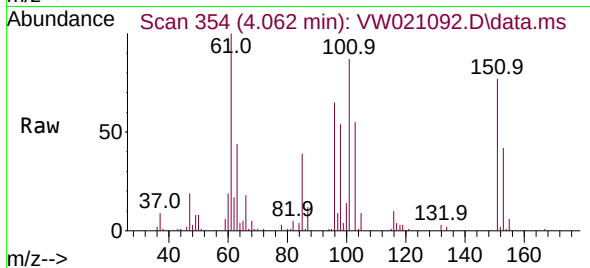
Tgt Ion:101 Resp: 31876

Ion Ratio Lower Upper

101 100

85 44.2 36.6 54.8

151 43.0 57.4 86.0#



#12

1,1-Dichloroethene

Concen: 23.515 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.012 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

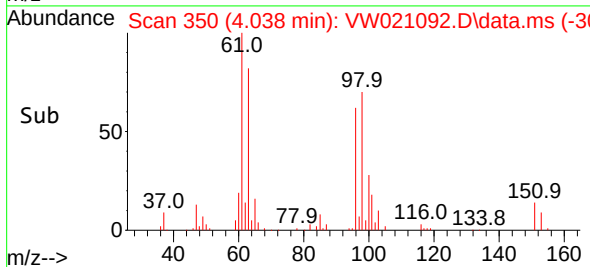
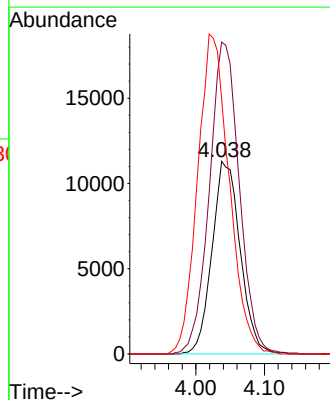
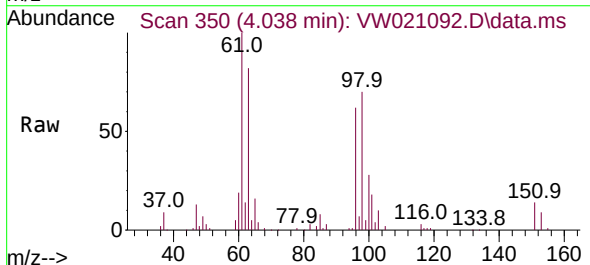
Tgt Ion: 96 Resp: 32210

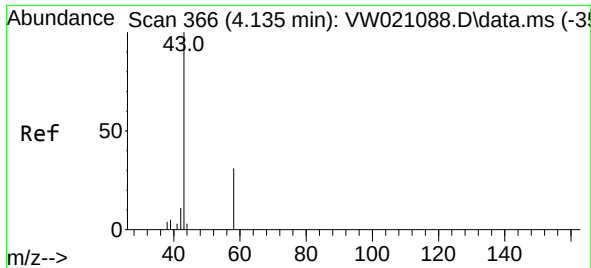
Ion Ratio Lower Upper

96 100

61 161.9 138.3 256.9

63 132.4 82.6 153.4





#13

Acetone

Concen: 30.315 ug/L

RT: 4.135 min Scan# 307

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

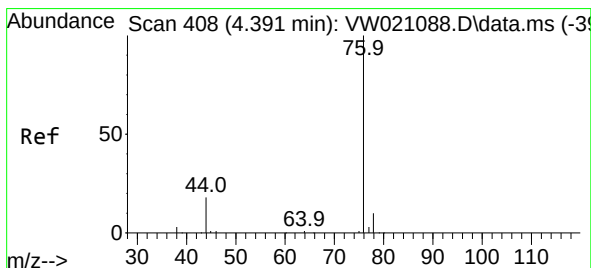
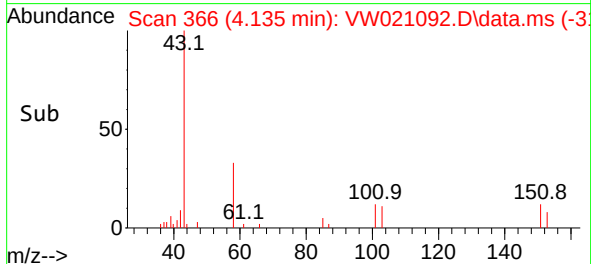
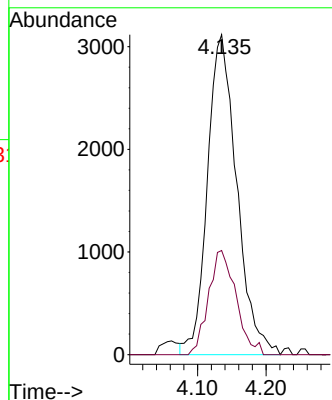
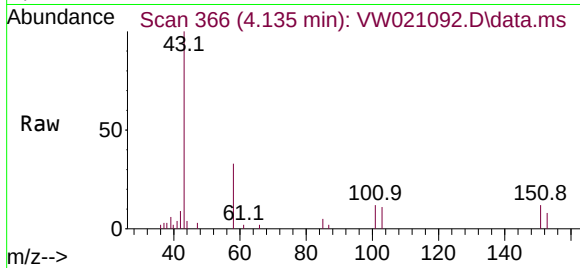
ClientSampleId :

Tgt Ion: 43 Resp: 9261

Ion Ratio Lower Upper

43 100

58 30.0 0.0 52.8



#14

Carbon disulfide

Concen: 22.887 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.006 min

Lab File: VW021092.D

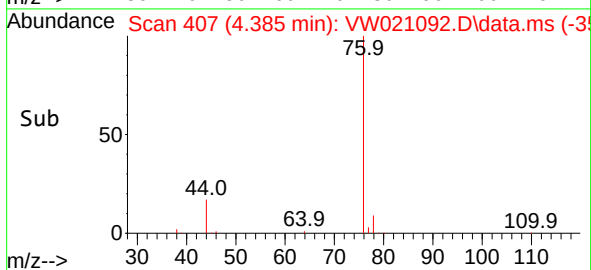
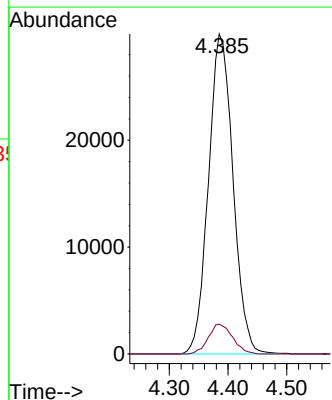
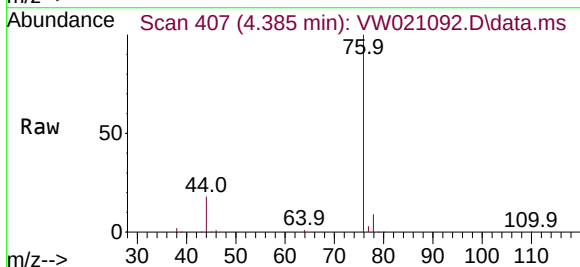
Acq: 04 Dec 2021 03:16

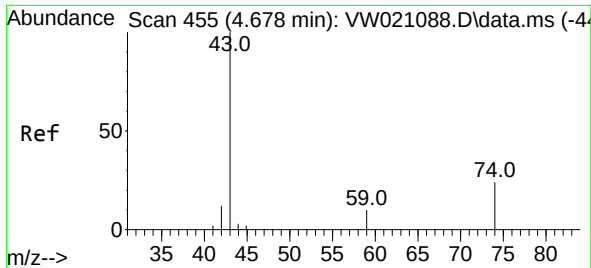
Tgt Ion: 76 Resp: 87016

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

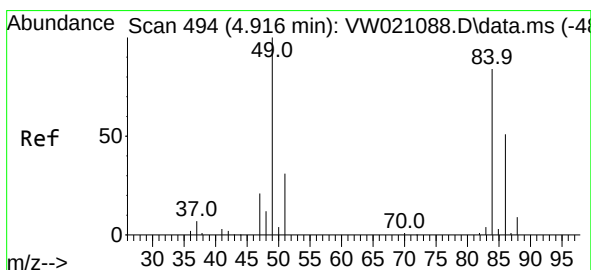
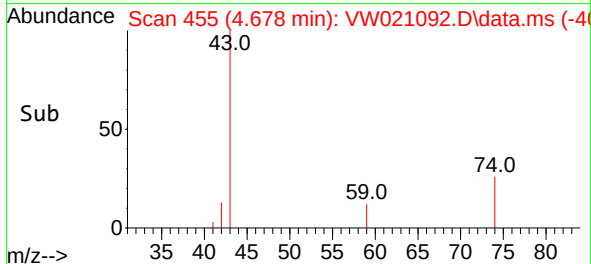
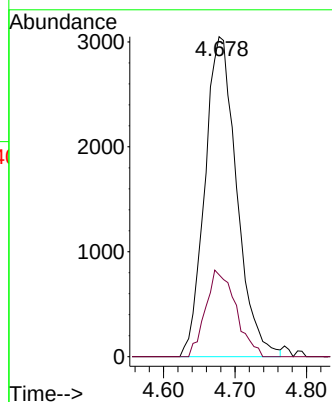
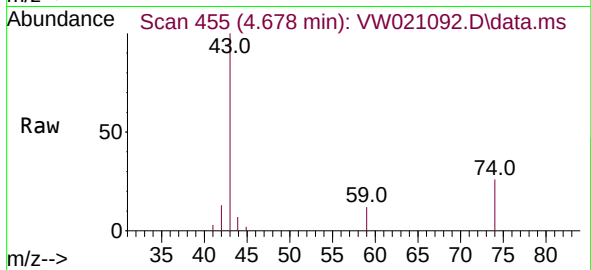




#15
Methyl Acetate
Concen: 17.023 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

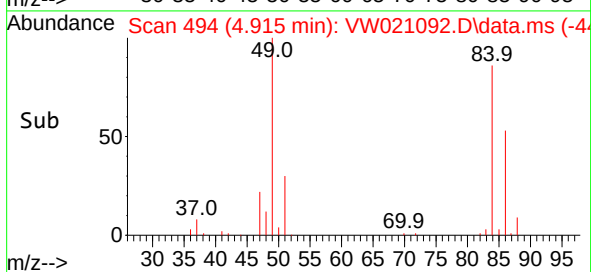
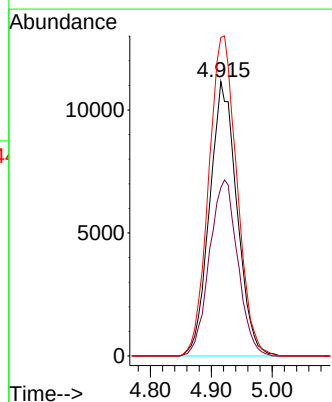
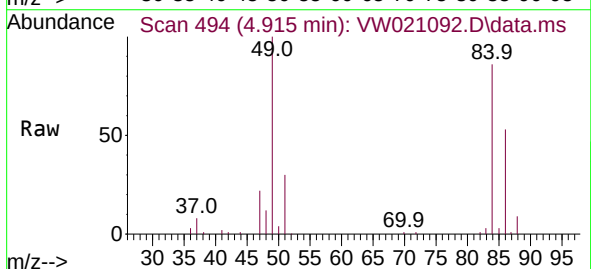
Instrument :
MSVOA_W
ClientSampleId :

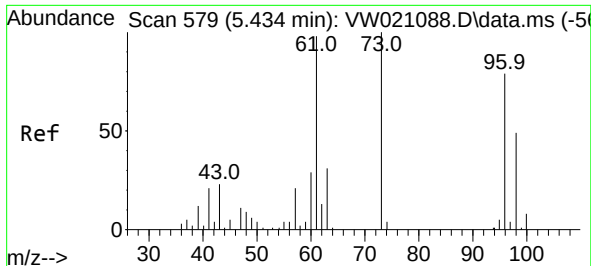
Tgt Ion: 43 Resp: 9429
Ion Ratio Lower Upper
43 100
74 25.6 16.4 24.6#



#16
Methylene chloride
Concen: 20.928 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 84 Resp: 34794
Ion Ratio Lower Upper
84 100
86 61.3 45.5 84.5
49 116.1 100.5 186.7





#17

trans-1,2-Dichloroethene

Concen: 23.489 ug/L

RT: 5.434 min Scan# 579

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

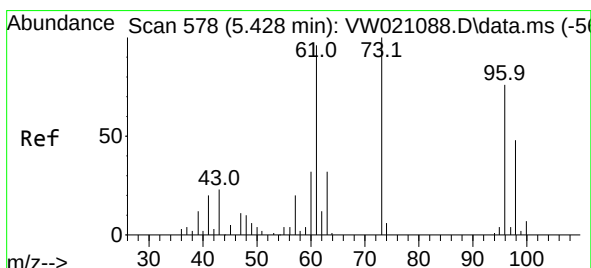
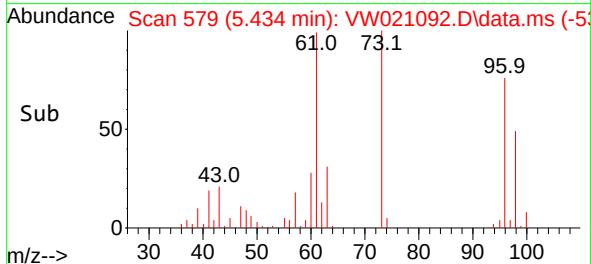
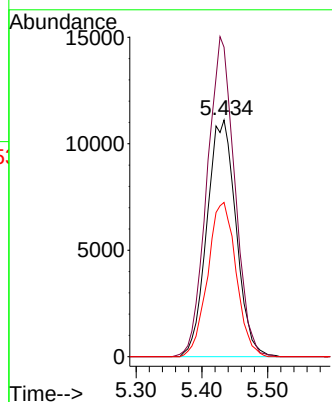
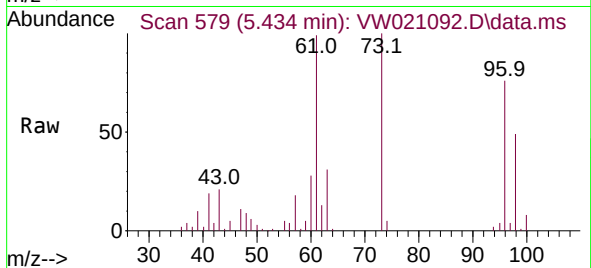
Tgt Ion: 96 Resp: 34257

Ion Ratio Lower Upper

96 100

61 130.8 107.4 199.4

98 65.2 41.2 76.6



#18

Methyl tert-butyl Ether

Concen: 22.907 ug/L

RT: 5.434 min Scan# 579

Delta R.T. 0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

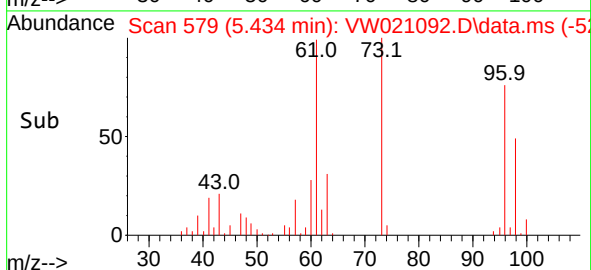
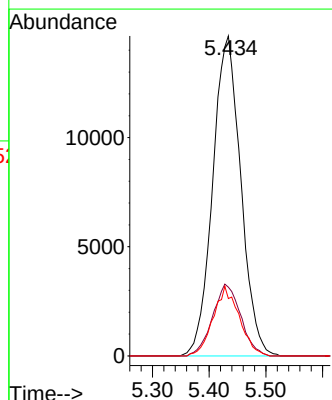
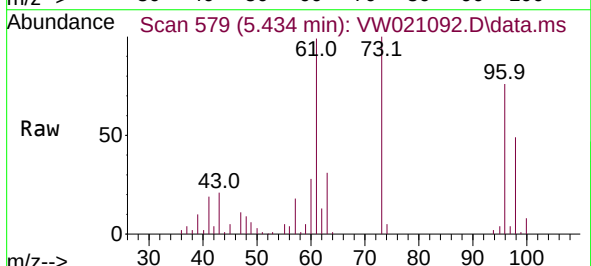
Tgt Ion: 73 Resp: 50423

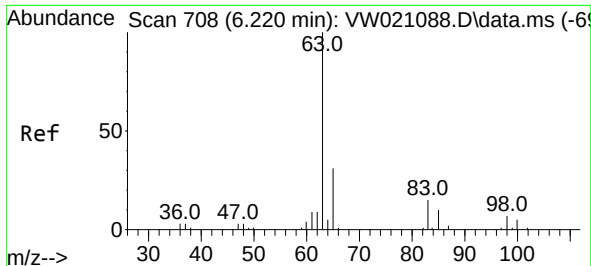
Ion Ratio Lower Upper

73 100

43 22.4 19.5 29.3

57 20.3 19.3 28.9





#19

1,1-Dichloroethane

Concen: 24.609 ug/L

RT: 6.220 min Scan# 708

Delta R.T. -0.000 min

Lab File: VW021092.D

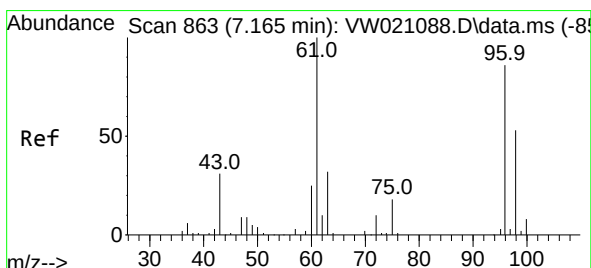
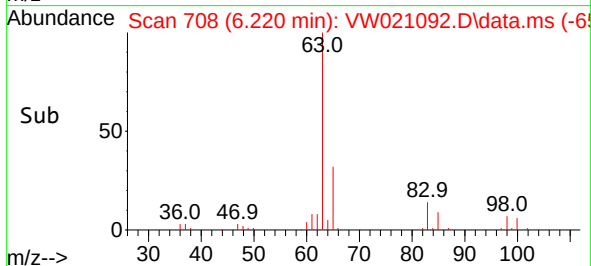
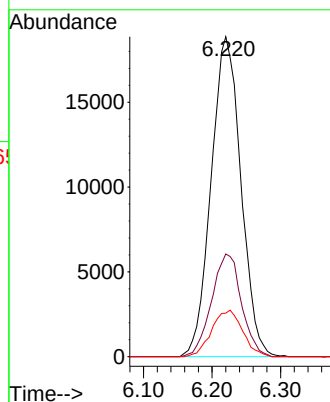
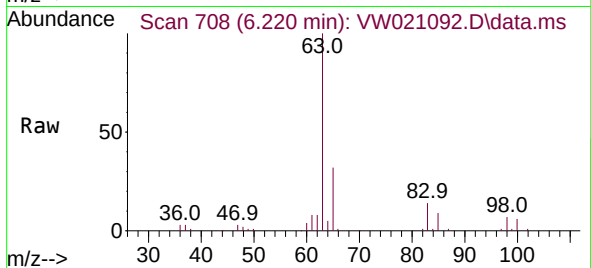
Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 56911
Ion Ratio	Lower Upper
63 100	
65 32.1	22.1 41.1
83 13.6	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 23.580 ug/L

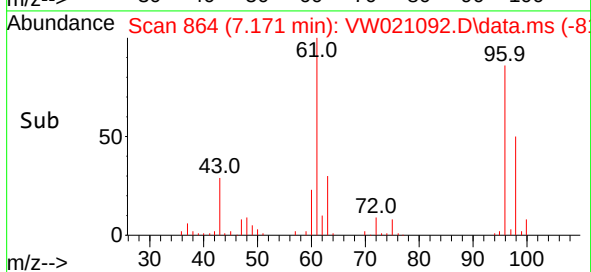
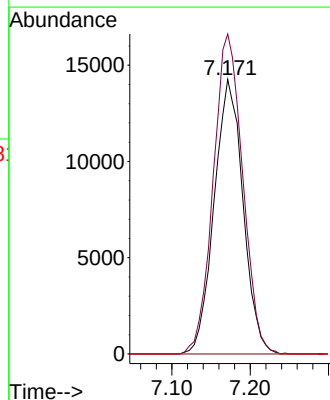
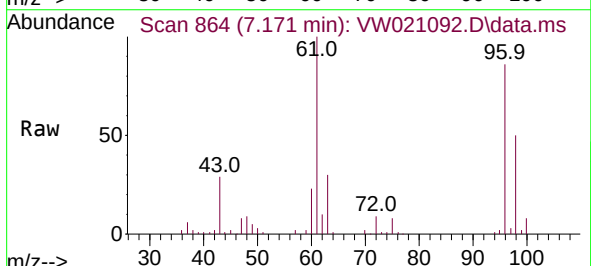
RT: 7.171 min Scan# 864

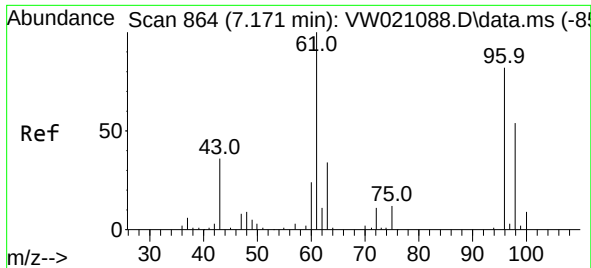
Delta R.T. 0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Tgt Ion: 96	Resp: 36484
Ion Ratio	Lower Upper
96 100	
61 116.6	103.7 192.7
68 0.0	0.0 0.0

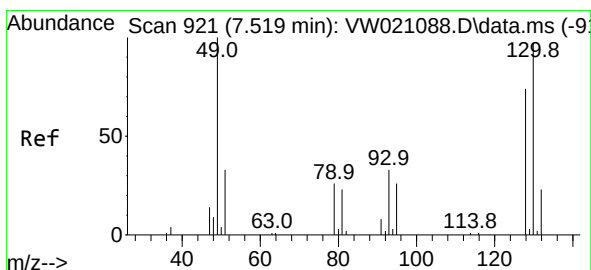
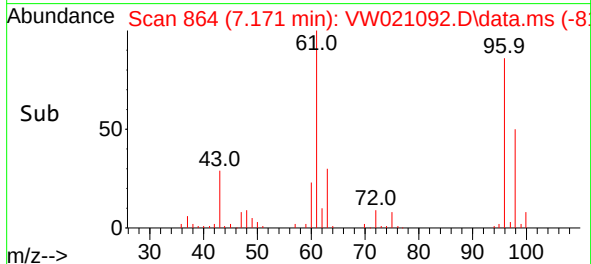
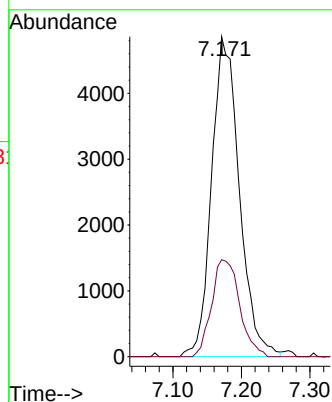
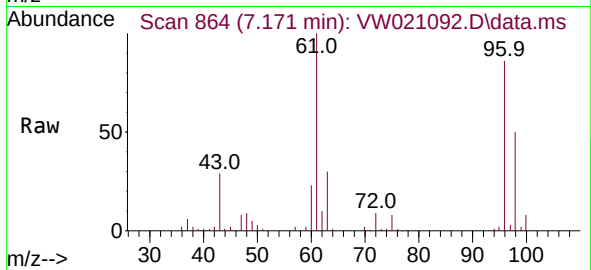




#22
2-Butanone
Concen: 32.278 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

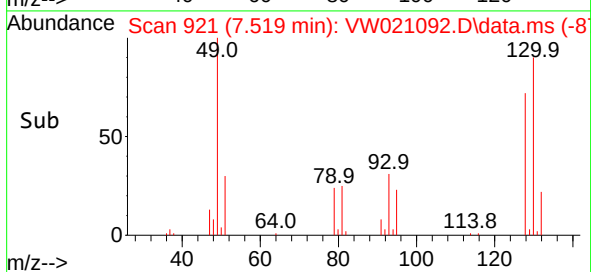
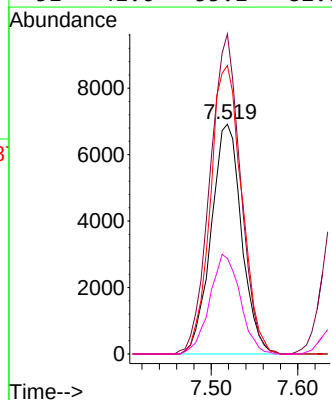
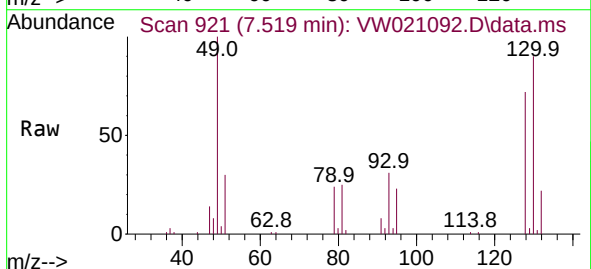
Instrument :
MSVOA_W
ClientSampleId :

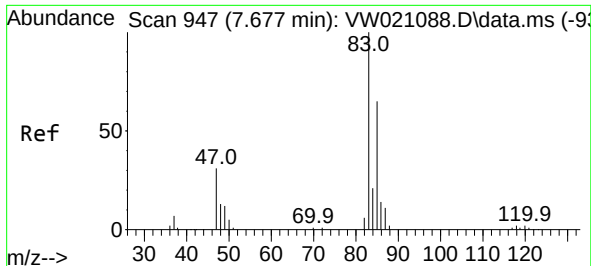
Tgt Ion: 43 Resp: 13646
Ion Ratio Lower Upper
43 100
72 30.6 11.8 35.4



#23
Bromochloromethane
Concen: 23.322 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 128 Resp: 16884
Ion Ratio Lower Upper
128 100
49 139.3 150.3 279.1#
130 125.6 88.3 163.9
51 41.6 55.1 82.7#

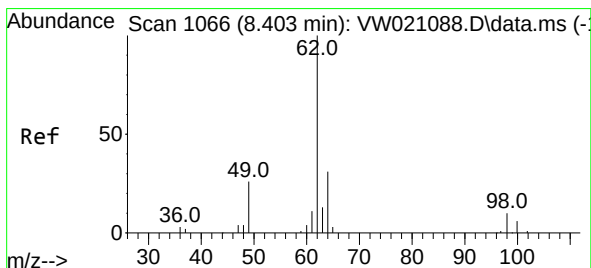
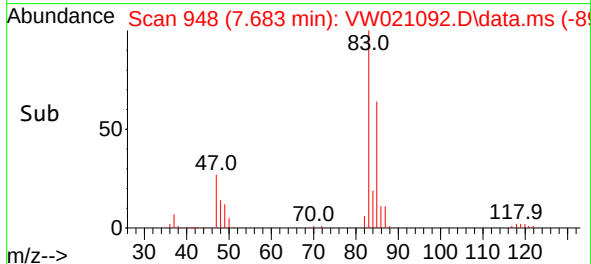
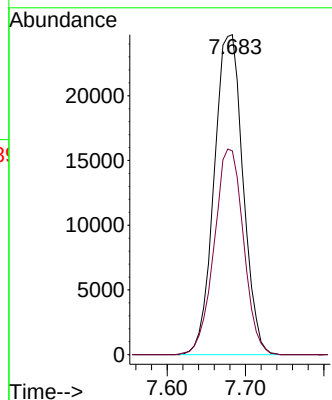
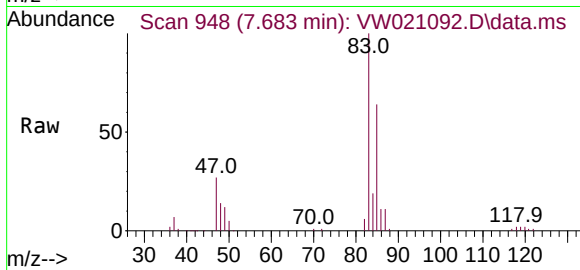




#25
Chloroform
Concen: 24.407 ug/L
RT: 7.683 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

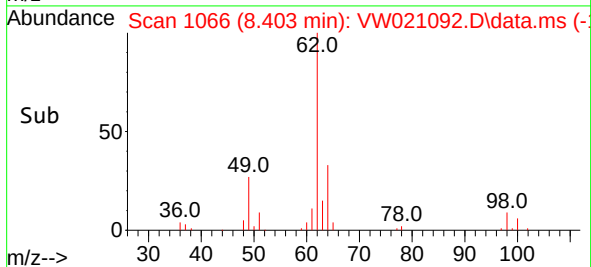
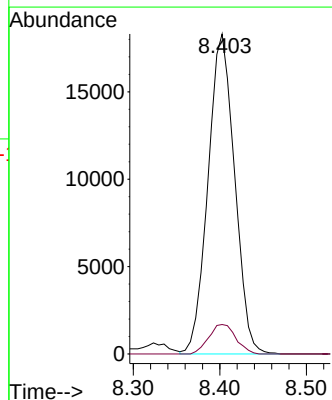
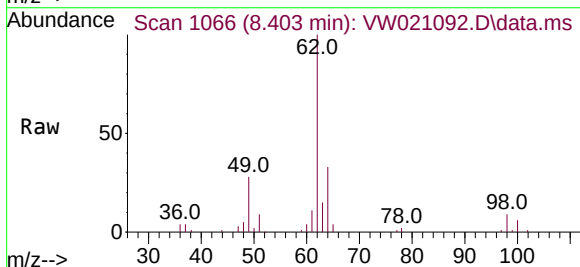
Instrument :
MSVOA_W
ClientSampleId :

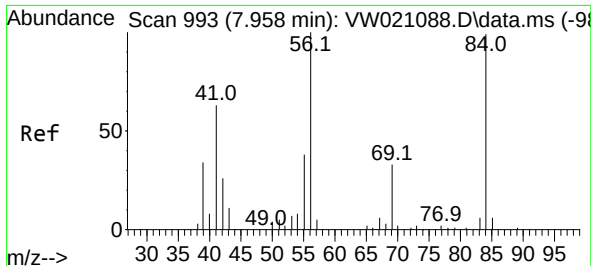
Tgt Ion: 83 Resp: 63361
Ion Ratio Lower Upper
83 100
85 63.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.004 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 62 Resp: 39065
Ion Ratio Lower Upper
62 100
98 9.2 6.5 9.7





#29

Cyclohexane

Concen: 25.058 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

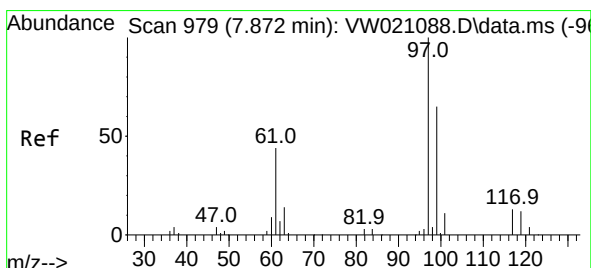
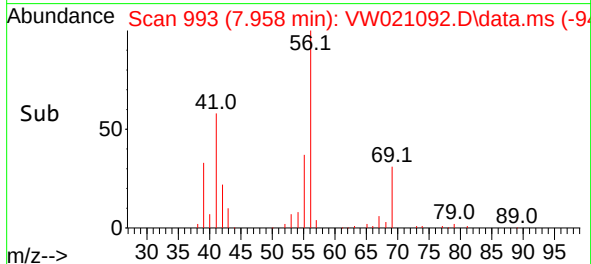
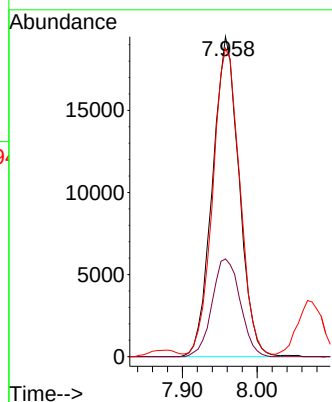
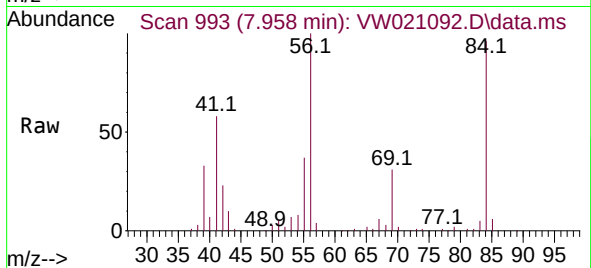
Tgt Ion: 56 Resp: 48180

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: 26.808 ug/L

RT: 7.878 min Scan# 980

Delta R.T. 0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

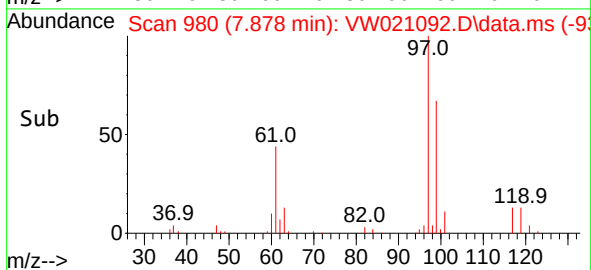
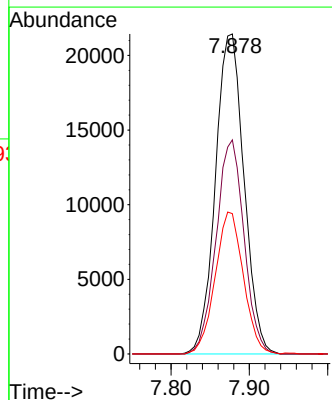
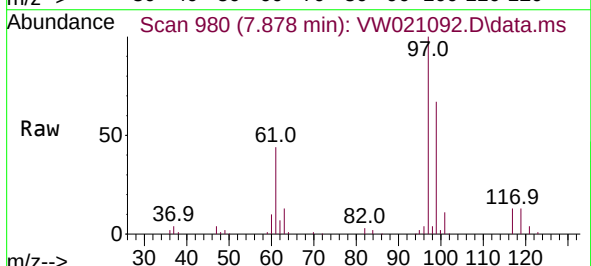
Tgt Ion: 97 Resp: 54480

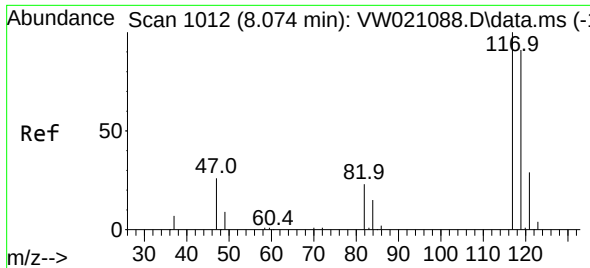
Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 43.8 40.9 61.3

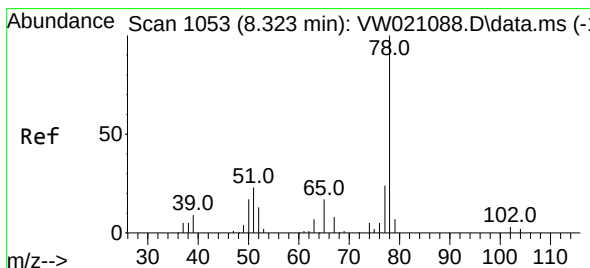
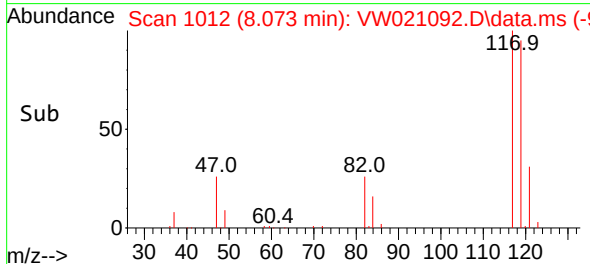
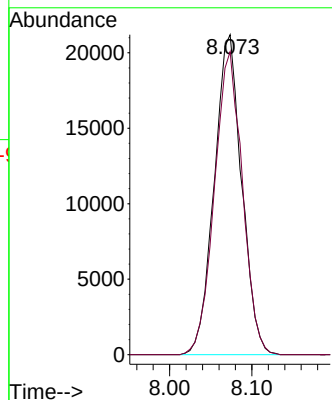
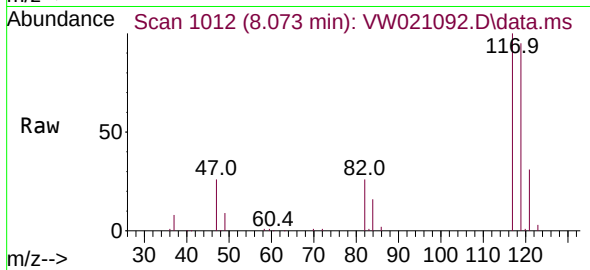




#31
Carbon tetrachloride
Concen: 26.075 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

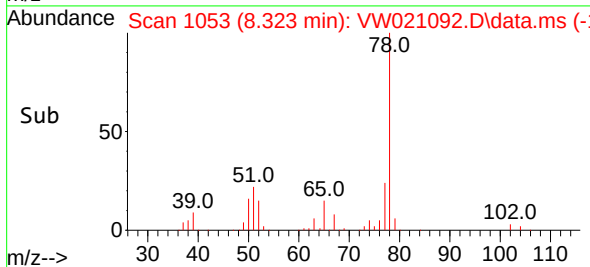
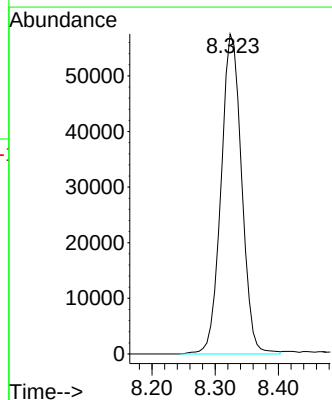
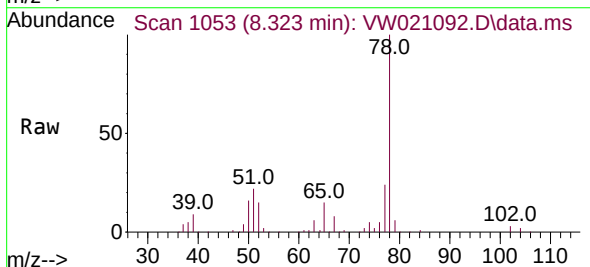
Instrument :
MSVOA_W
ClientSampleId :

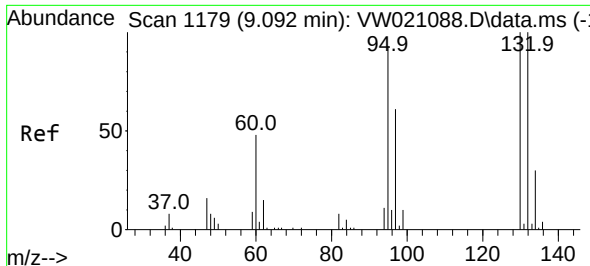
Tgt Ion:117 Resp: 49240
Ion Ratio Lower Upper
117 100
119 96.3 75.7 113.5



#33
Benzene
Concen: 26.237 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

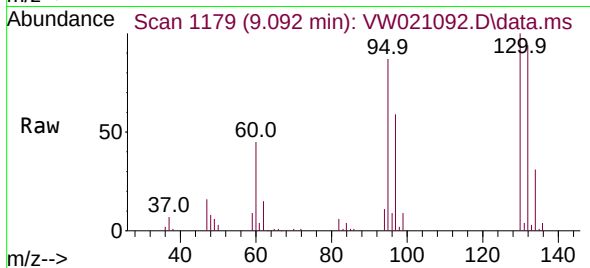
Tgt Ion: 78 Resp: 130041





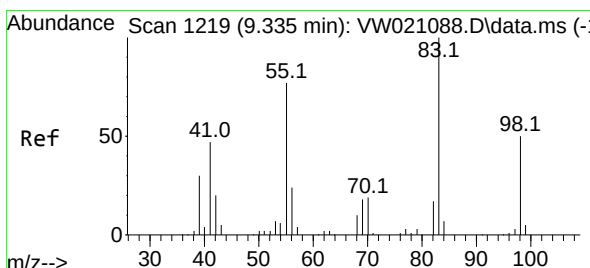
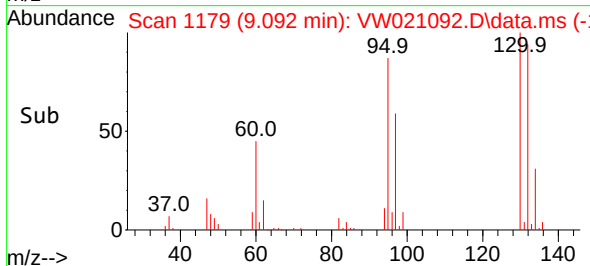
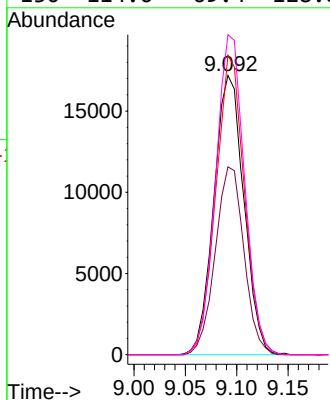
#34
Trichloroethene
Concen: 25.478 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 34839

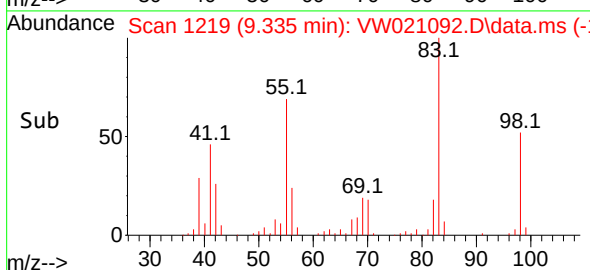
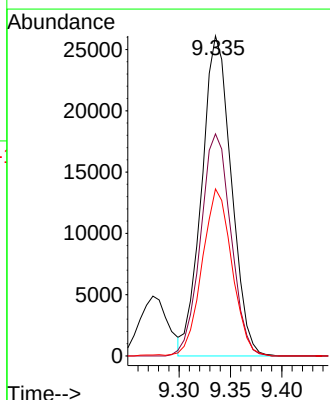
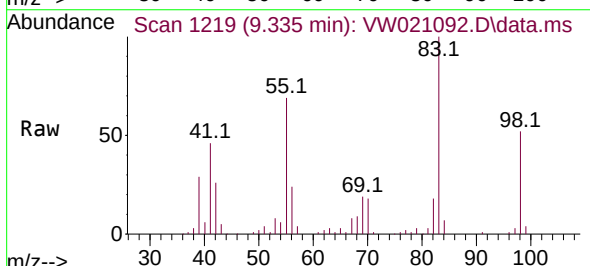
Ion	Ratio	Lower	Upper
95	100		
97	67.3	47.0	87.2
132	107.3	65.5	121.6
130	114.6	69.4	128.8

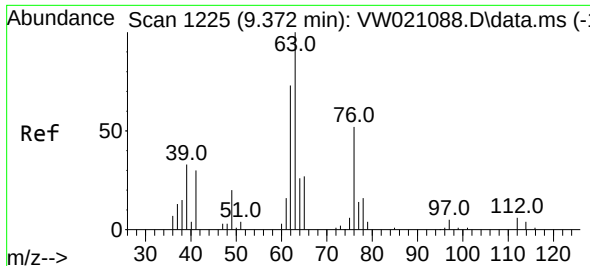


#35
Methylcyclohexane
Concen: 22.725 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 83 Resp: 52305

Ion	Ratio	Lower	Upper
83	100		
55	70.9	70.8	106.2
98	52.5	37.7	56.5

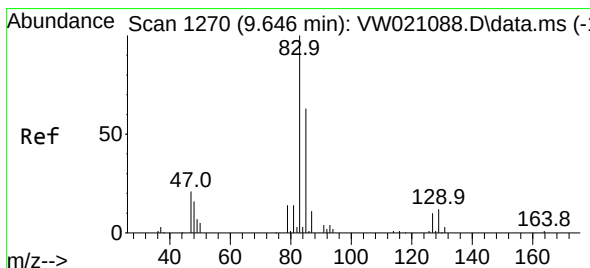
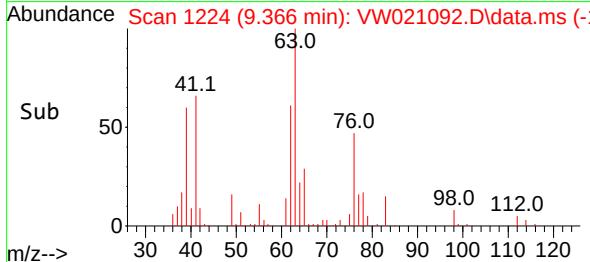
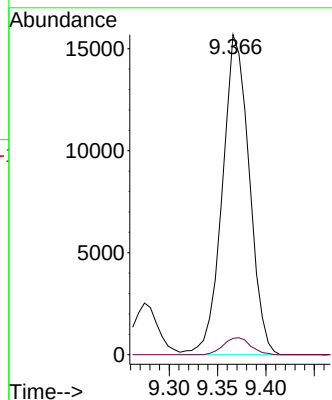
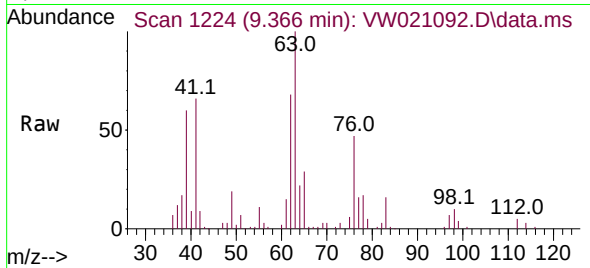




#37
1,2-Dichloropropane
Concen: 27.077 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

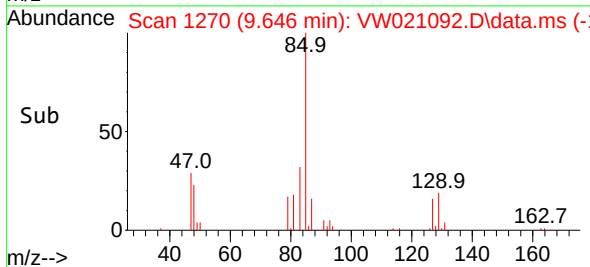
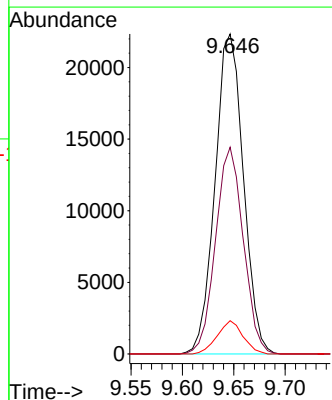
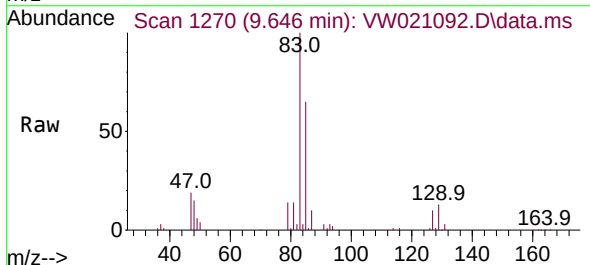
Instrument :
MSVOA_W
ClientSampleId :

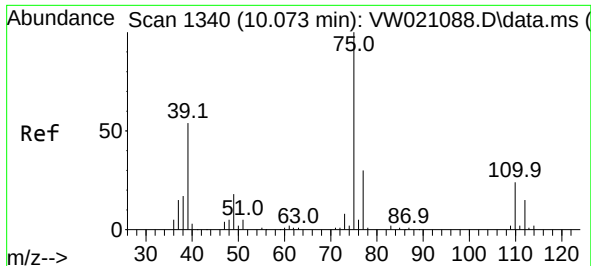
Tgt Ion: 63 Resp: 30333
Ion Ratio Lower Upper
63 100
112 5.3 3.2 4.8#



#38
Bromodichloromethane
Concen: 27.190 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 83 Resp: 42818
Ion Ratio Lower Upper
83 100
85 64.6 44.1 81.9
127 10.4 6.1 9.1#

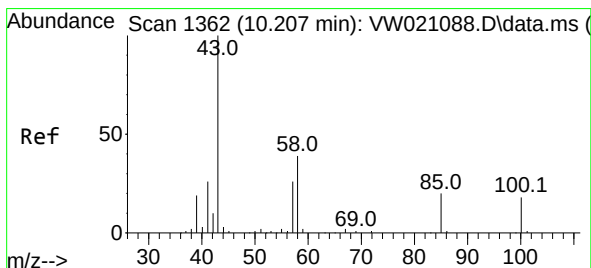
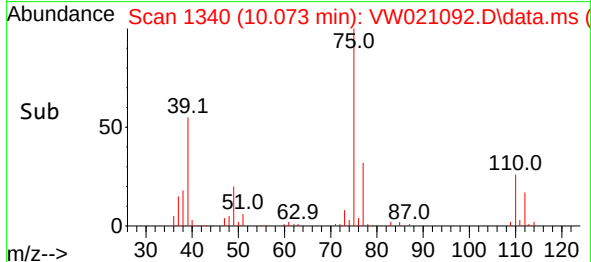
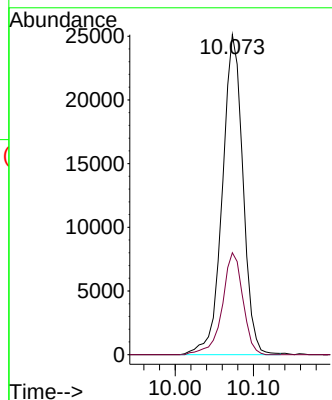
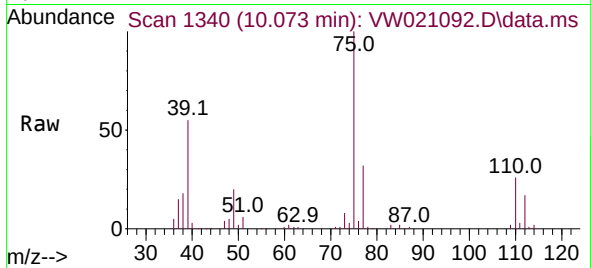




#39
 cis-1,3-Dichloropropene
 Concen: 25.344 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16

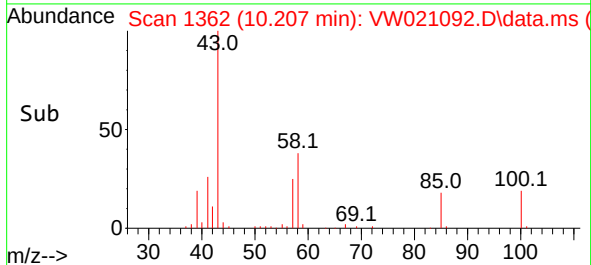
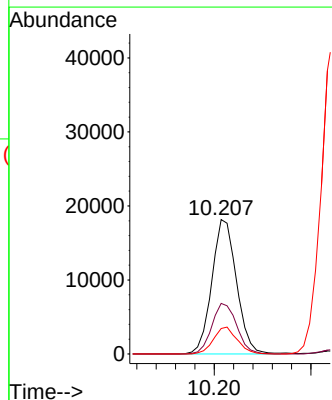
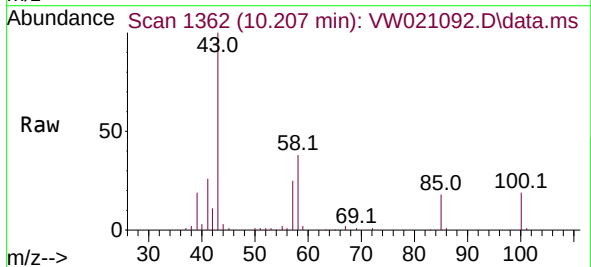
Instrument :
 MSVOA_W
 ClientSampleId :

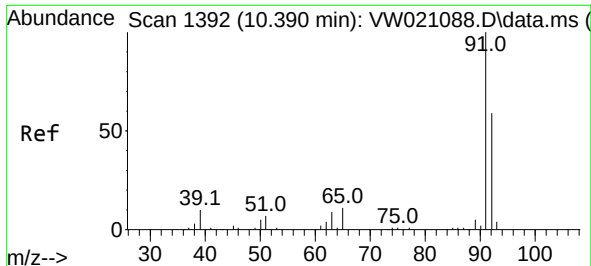
Tgt Ion: 75 Resp: 45923
 Ion Ratio Lower Upper
 75 100
 77 31.8 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 42.233 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16

Tgt Ion: 43 Resp: 32230
 Ion Ratio Lower Upper
 43 100
 58 37.9 28.8 43.2
 100 19.0 10.0 15.0#

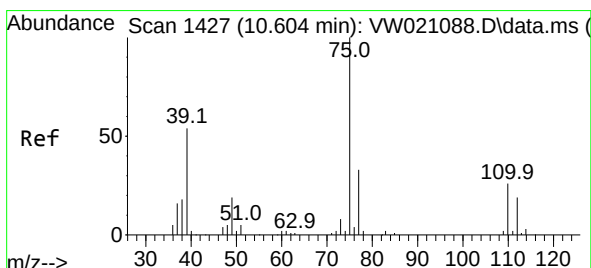
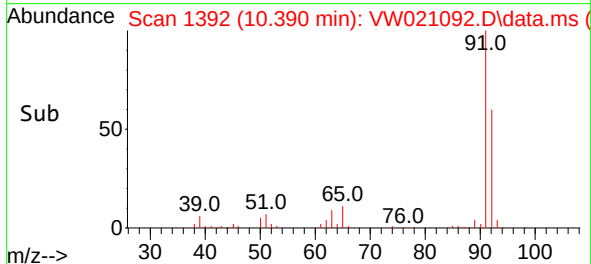
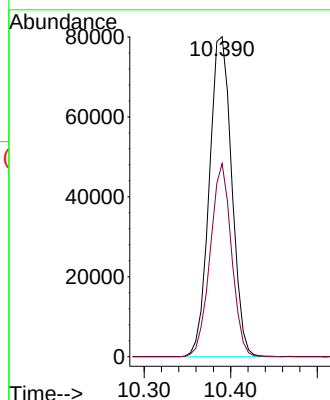
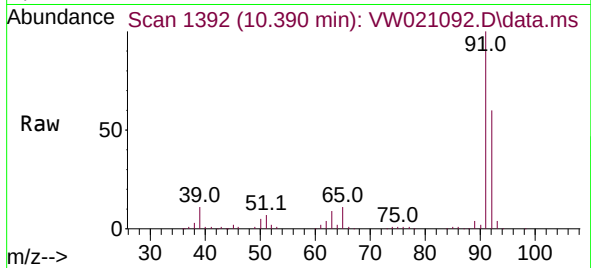




#42
Toluene
Concen: 25.469 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

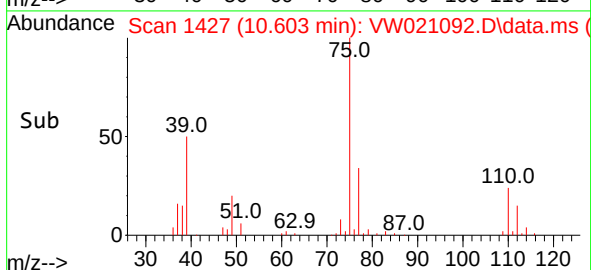
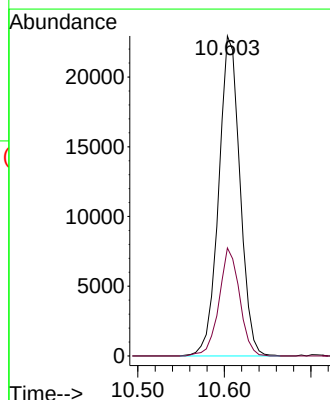
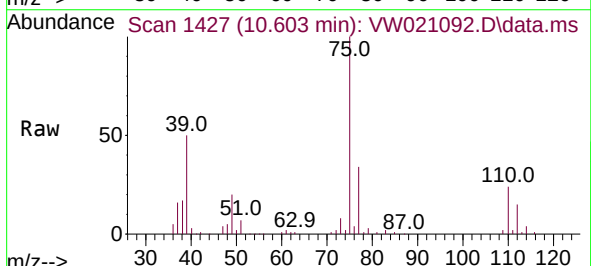
Instrument :
MSVOA_W
ClientSampleId :

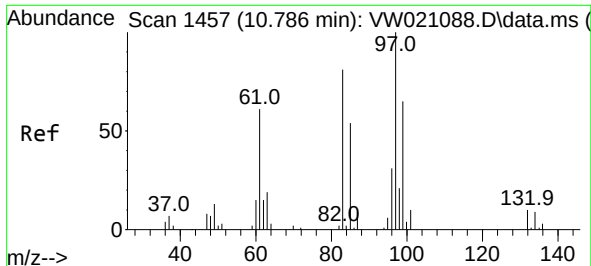
Tgt Ion: 91 Resp: 144185
Ion Ratio Lower Upper
91 100
92 60.4 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 23.852 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 75 Resp: 39103
Ion Ratio Lower Upper
75 100
77 33.8 22.2 41.2





#45

1,1,2-Trichloroethane

Concen: 24.991 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 97 Resp: 23471

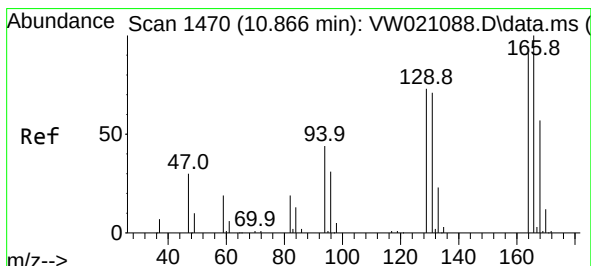
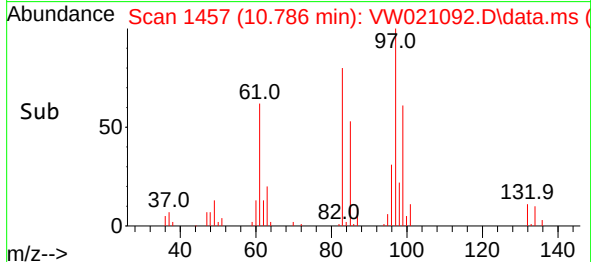
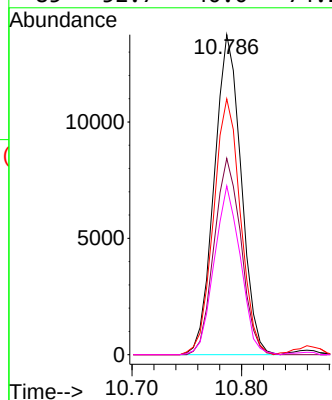
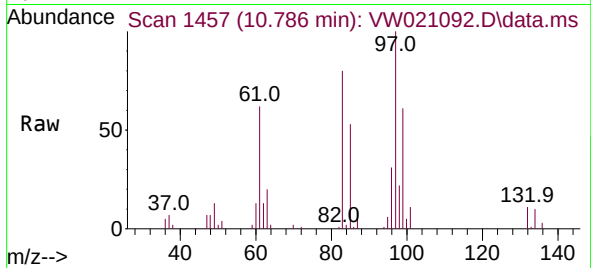
Ion Ratio Lower Upper

97 100

99 61.3 43.0 79.8

83 79.9 62.6 116.3

85 52.7 40.0 74.2



#46

Tetrachloroethene

Concen: 24.380 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. -0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Tgt Ion:164 Resp: 30527

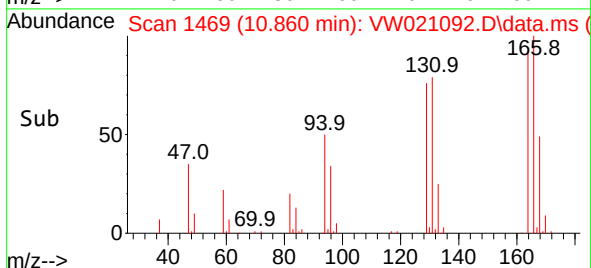
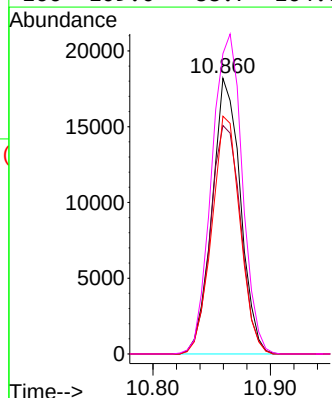
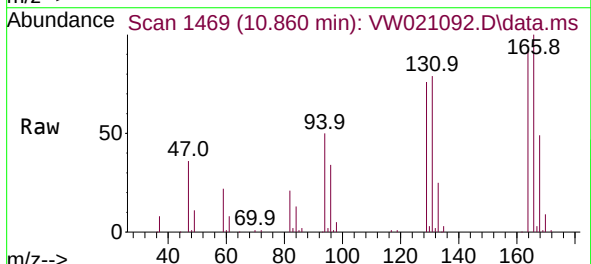
Ion Ratio Lower Upper

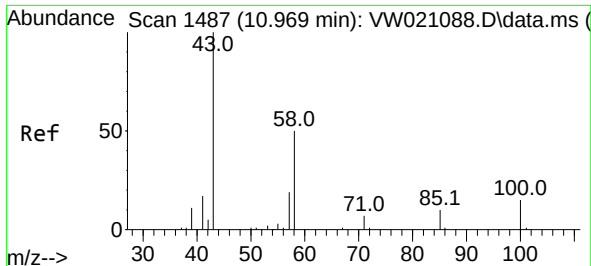
164 100

129 82.9 65.5 121.7

131 86.3 59.7 110.9

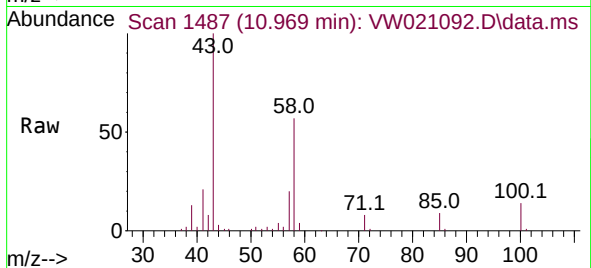
166 109.0 88.7 164.7



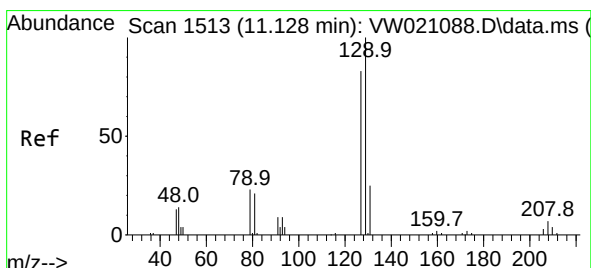
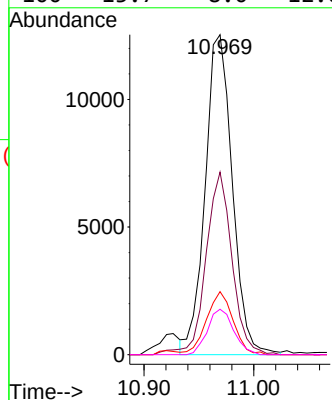
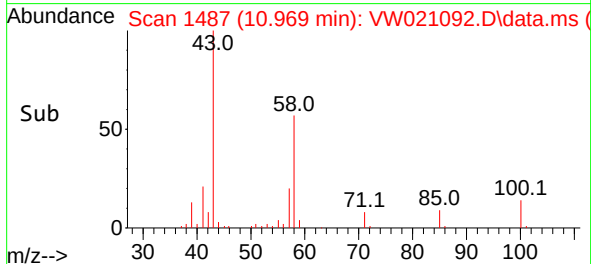


#48
2-Hexanone
Concen: 39.299 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

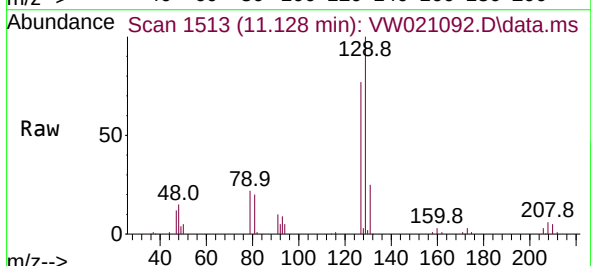
Instrument :
MSVOA_W
ClientSampleId :



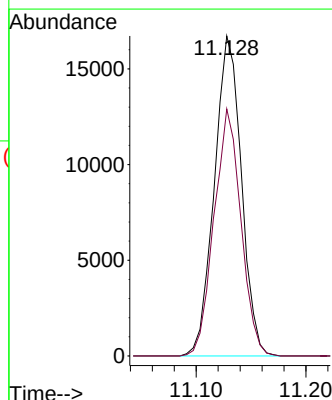
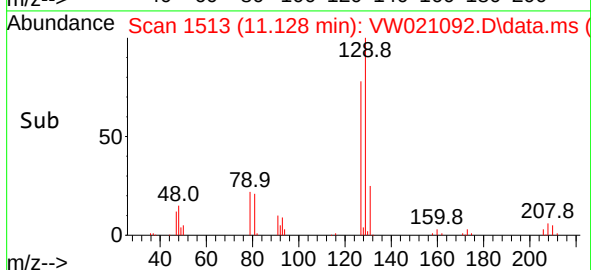
Tgt Ion: 43 Resp: 21635
Ion Ratio Lower Upper
43 100
58 54.6 40.2 60.2
57 19.3 14.3 21.5
100 13.7 8.0 12.0#

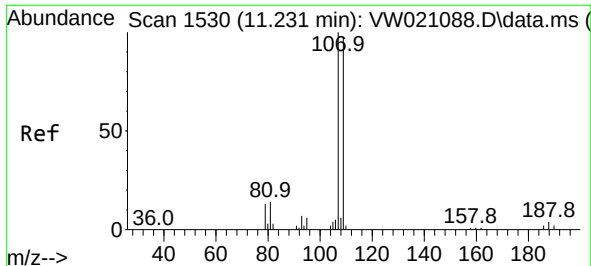


#49
Dibromochloromethane
Concen: 24.441 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16



Tgt Ion: 129 Resp: 28690
Ion Ratio Lower Upper
129 100
127 77.2 55.7 103.5





#50

1,2-Dibromoethane

Concen: 23.911 ug/L

RT: 11.231 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW021092.D

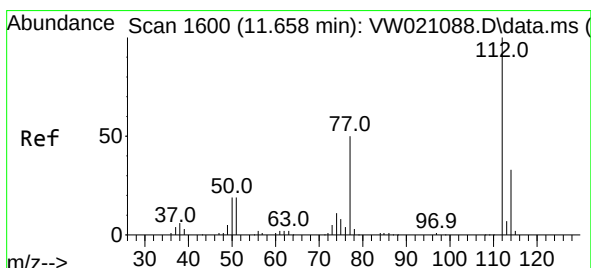
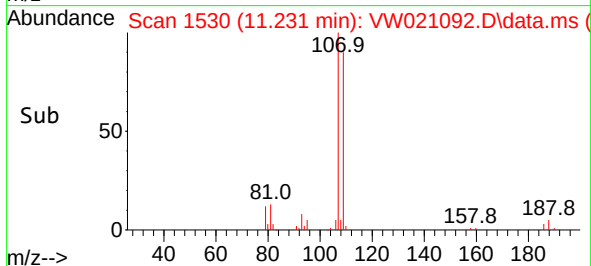
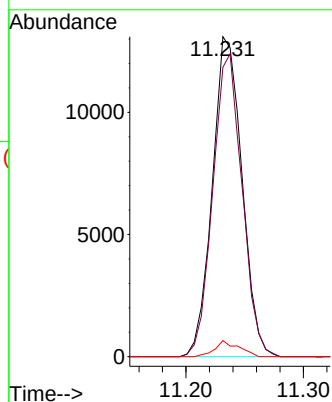
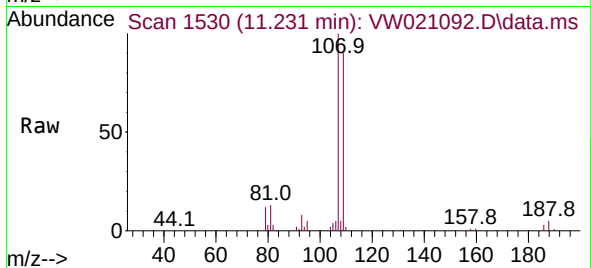
Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	22901
Ion Ratio	Lower	Upper	
107	100		
109	90.5	64.1	119.1
188	5.0	2.6	3.8#



#51

Chlorobenzene

Concen: 22.673 ug/L

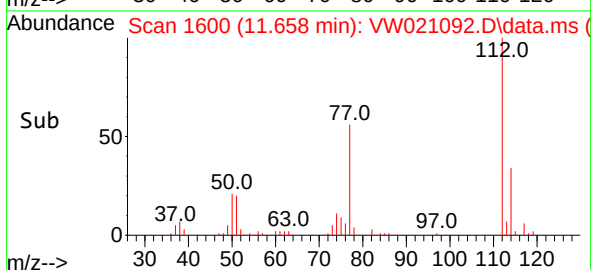
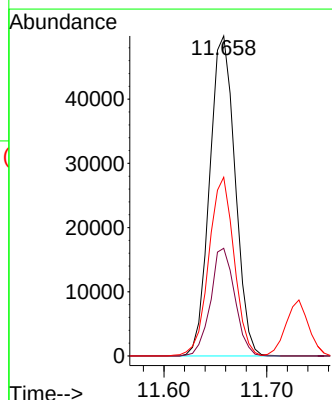
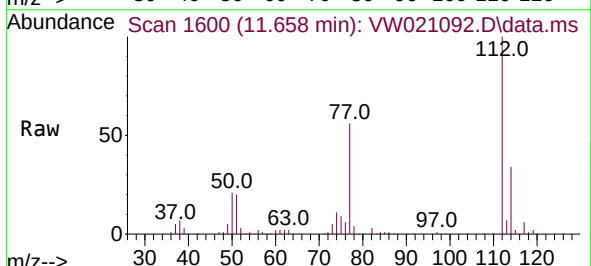
RT: 11.658 min Scan# 1600

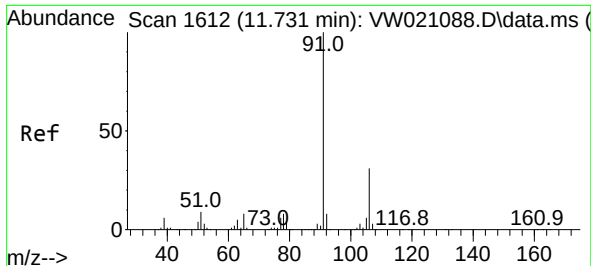
Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Tgt Ion:	112	Resp:	85767
Ion Ratio	Lower	Upper	
112	100		
114	33.6	22.4	41.6
77	55.8	50.2	75.4

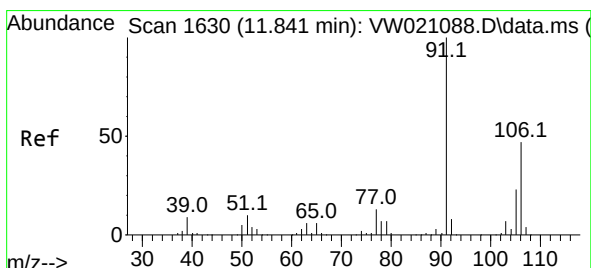
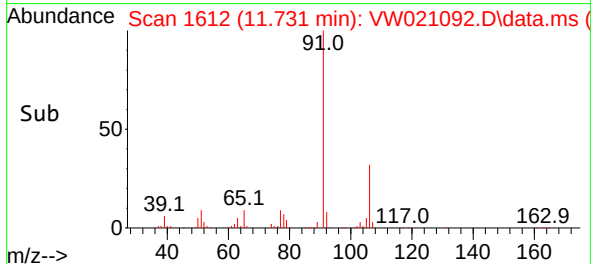
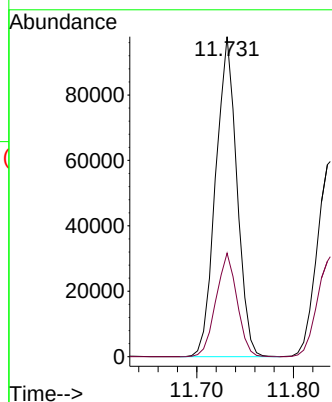
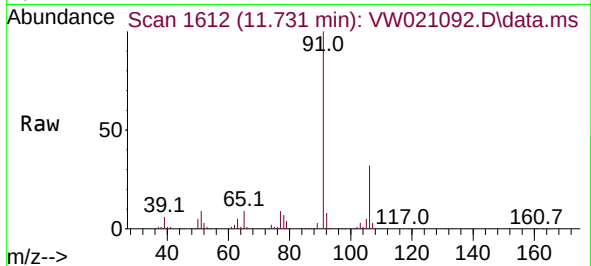




#52
Ethylbenzene
Concen: 23.369 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

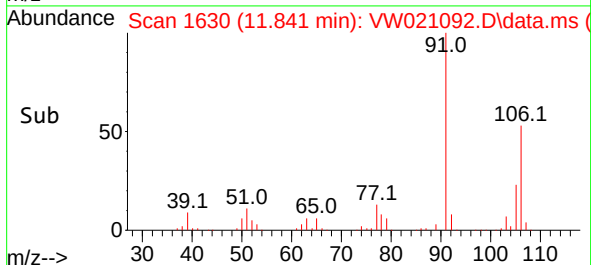
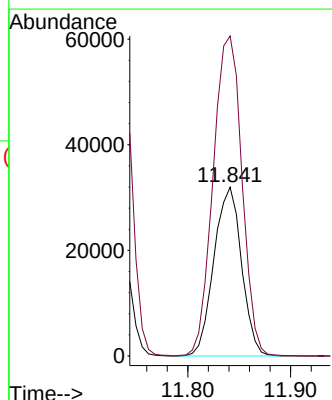
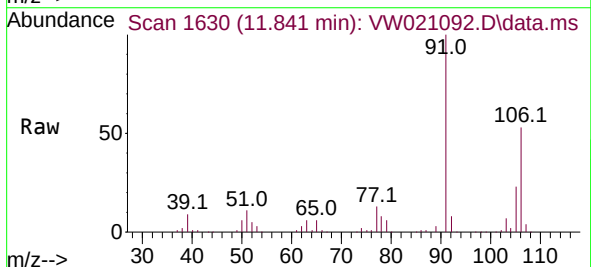
Instrument :
MSVOA_W
ClientSampleId :

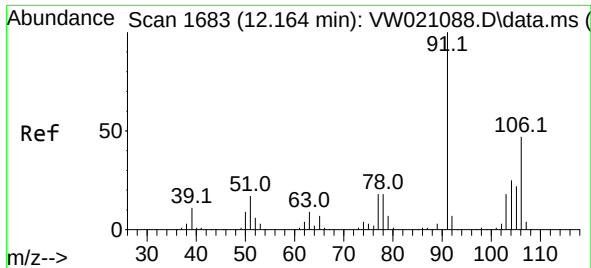
Tgt Ion: 91 Resp: 148937
Ion Ratio Lower Upper
91 100
106 32.3 21.5 39.9



#53
m,p-Xylene
Concen: 22.606 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion:106 Resp: 59600
Ion Ratio Lower Upper
106 100
91 189.6 149.9 278.3

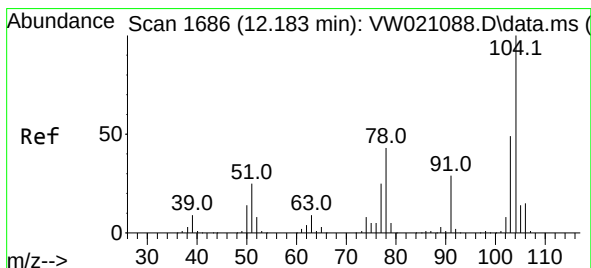
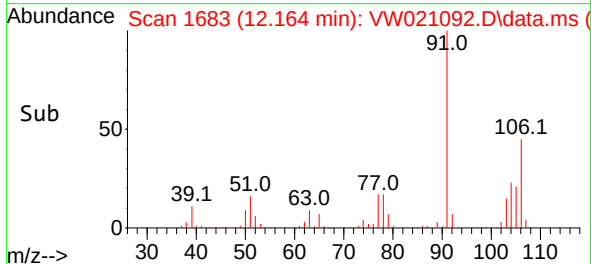
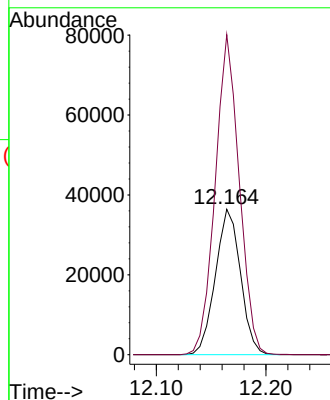
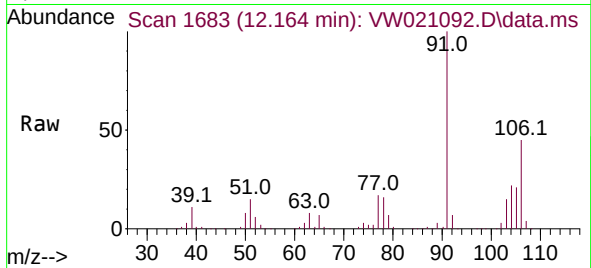




#54
o-Xylene
Concen: 23.271 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

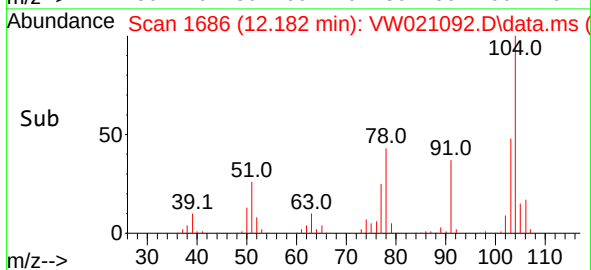
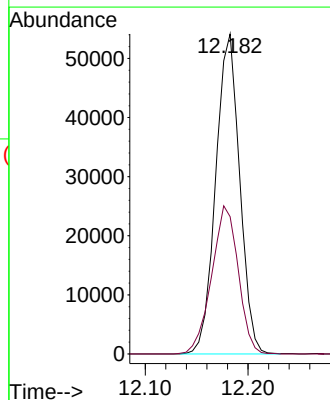
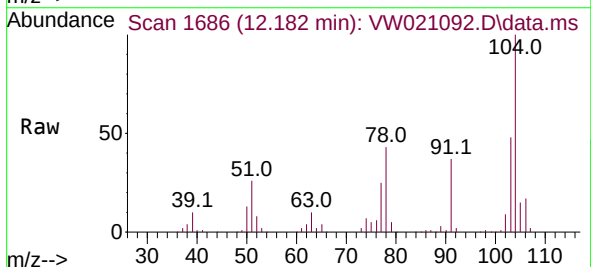
Instrument :
MSVOA_W
ClientSampleId :

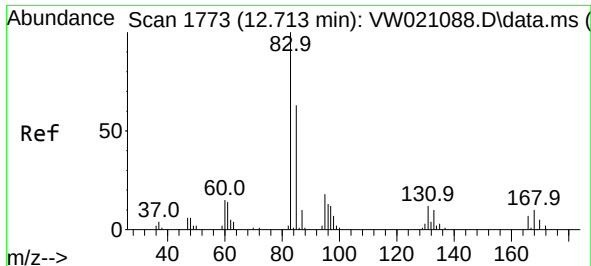
Tgt Ion:106 Resp: 57847
Ion Ratio Lower Upper
106 100
91 220.1 153.6 285.3



#55
Styrene
Concen: 20.685 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion:104 Resp: 87603
Ion Ratio Lower Upper
104 100
78 42.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 21.222 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW021092.D

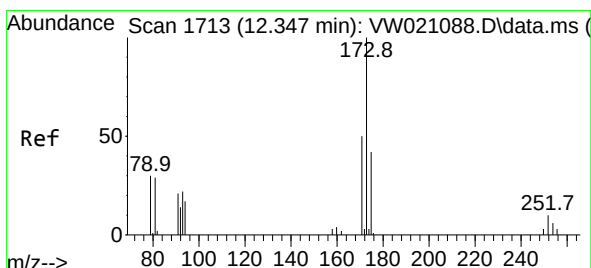
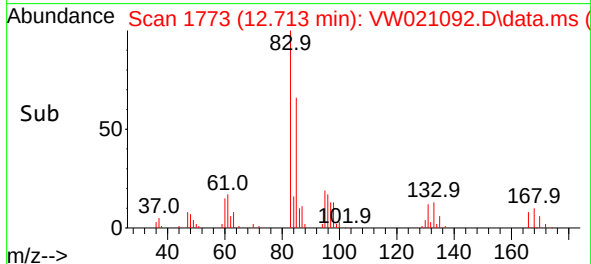
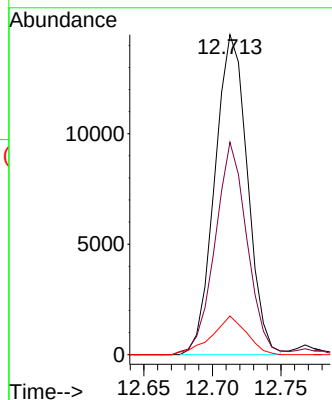
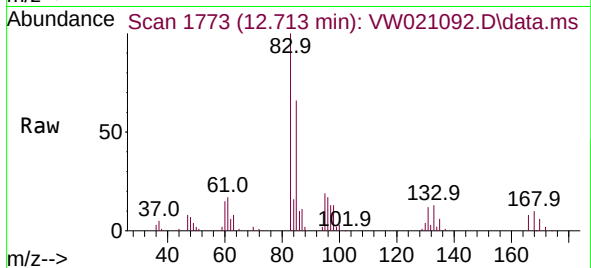
Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 23974
Ion Ratio	Lower Upper
83 100	
85 66.4	44.0 81.6
131 12.1	6.9 10.3#



#59

Bromoform

Concen: 29.024 ug/L

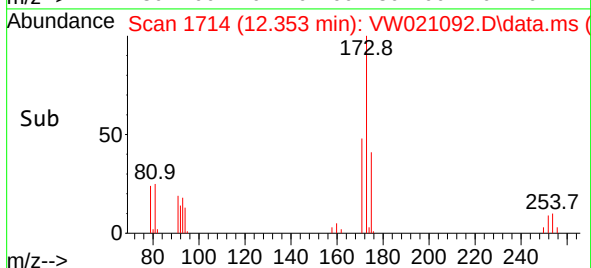
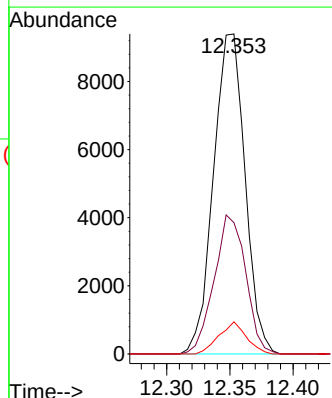
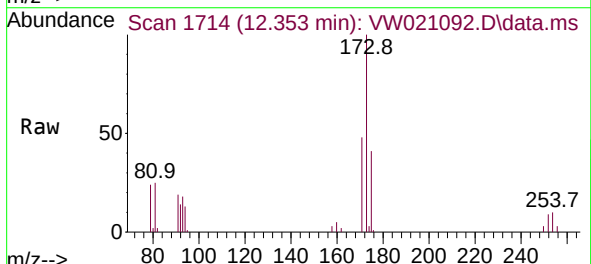
RT: 12.353 min Scan# 1714

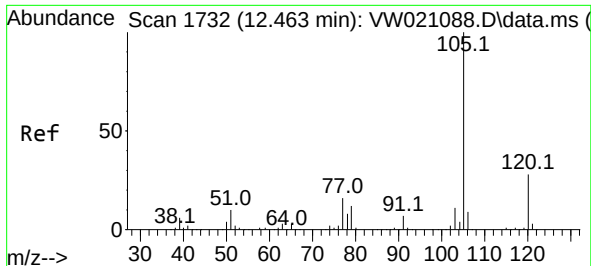
Delta R.T. 0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Tgt Ion: 173	Resp: 16306
Ion Ratio	Lower Upper
173 100	
175 43.4	39.6 59.4
254 8.7	7.4 11.0

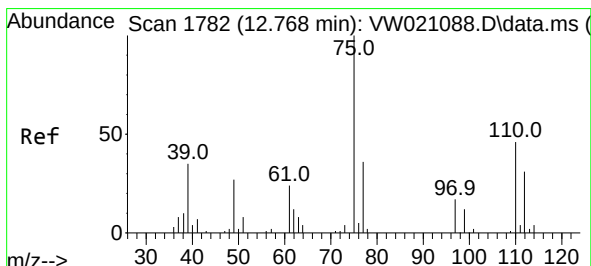
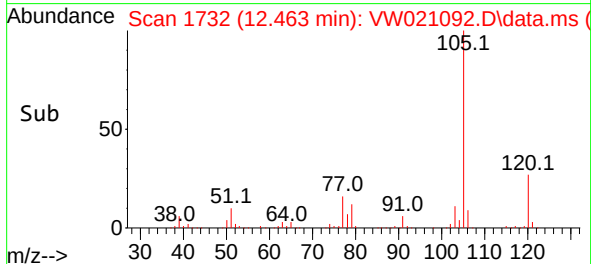
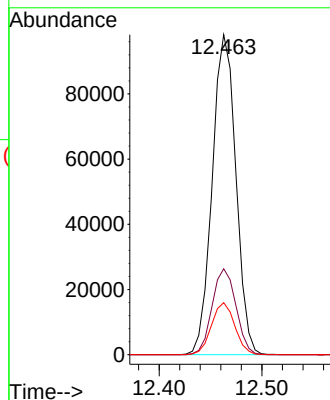
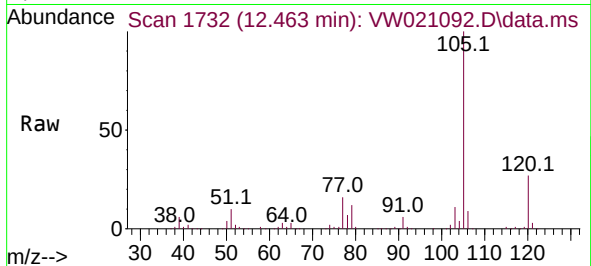




#60
Isopropylbenzene
Concen: 28.645 ug/L
RT: 12.463 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

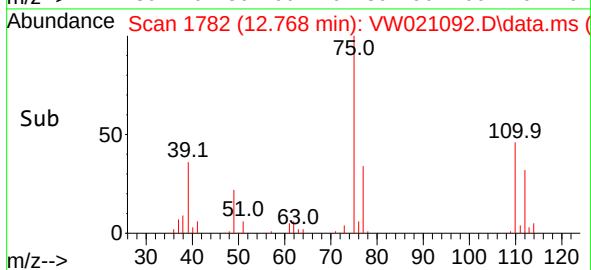
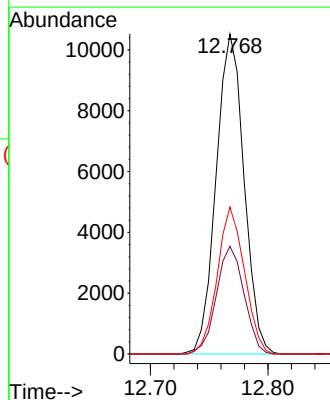
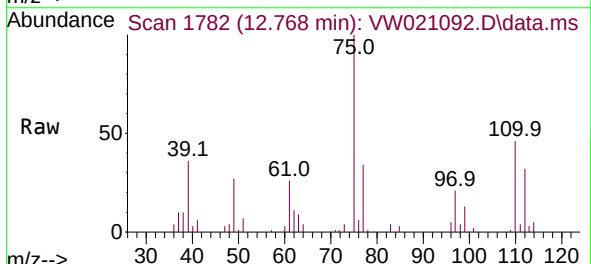
Instrument :
MSVOA_W
ClientSampleId :

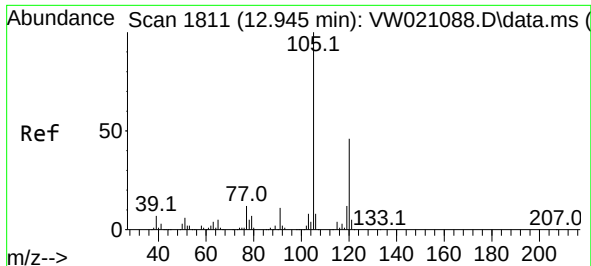
Tgt Ion:105 Resp: 156834
Ion Ratio Lower Upper
105 100
120 27.0 20.1 30.1
77 16.0 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 26.293 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion: 75 Resp: 17352
Ion Ratio Lower Upper
75 100
77 33.3 25.8 38.8
110 44.8 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 27.606 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

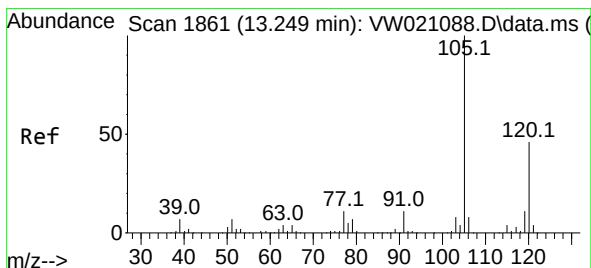
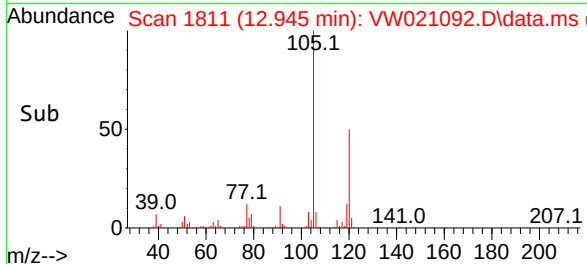
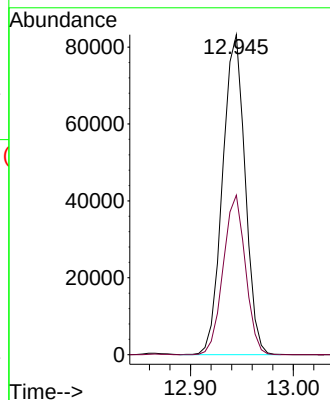
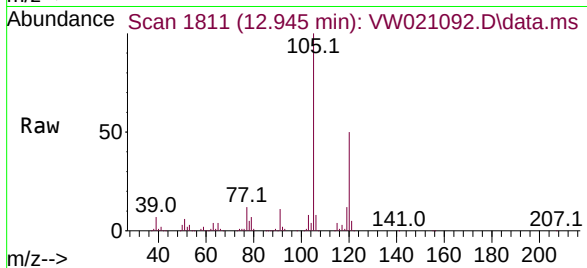
ClientSampleId :

Tgt Ion:105 Resp: 126576

Ion Ratio Lower Upper

105 100

120 49.1 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 26.147 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW021092.D

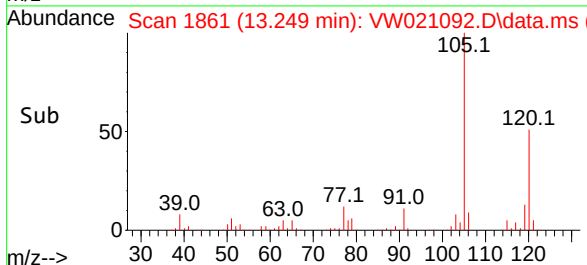
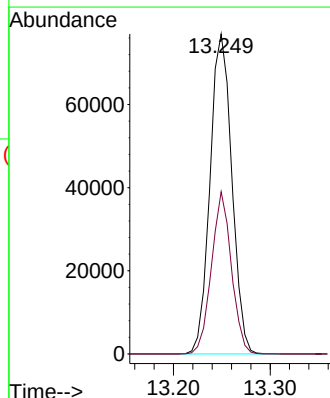
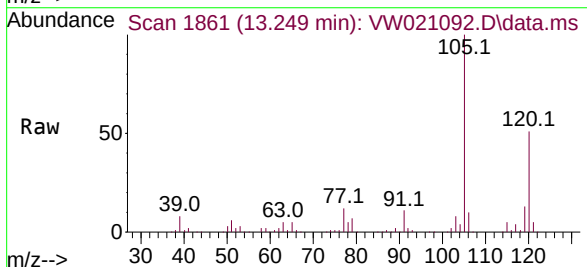
Acq: 04 Dec 2021 03:16

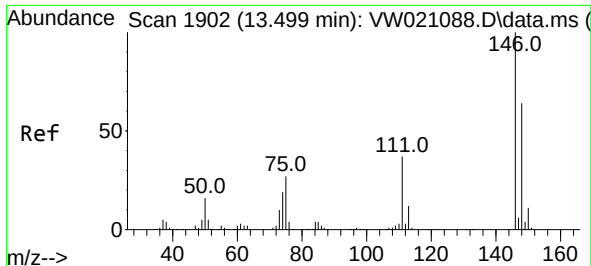
Tgt Ion:105 Resp: 120578

Ion Ratio Lower Upper

105 100

120 46.3 35.0 52.6

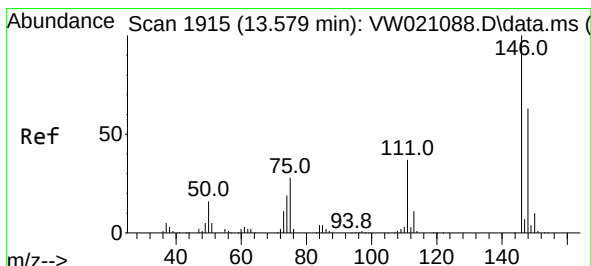
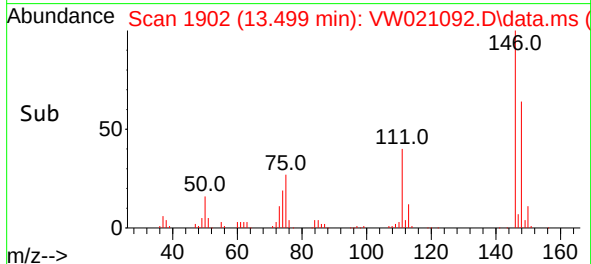
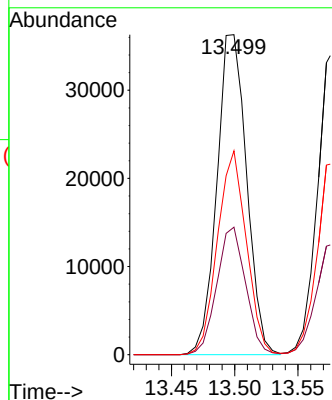
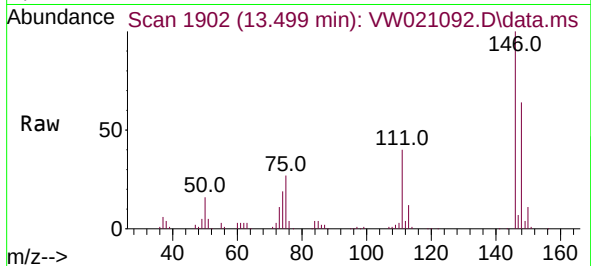




#64
1,3-Dichlorobenzene
Concen: 23.028 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

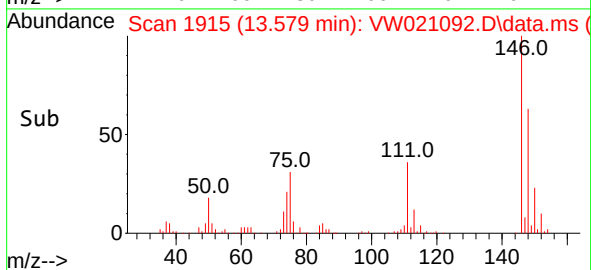
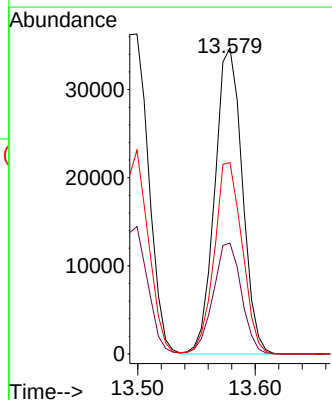
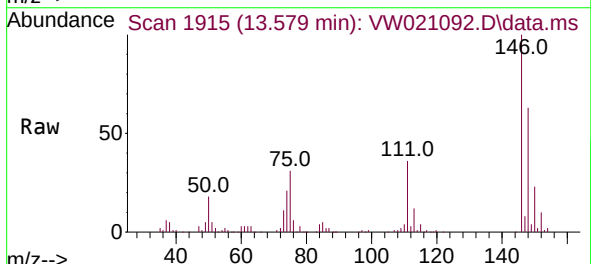
Instrument :
MSVOA_W
ClientSampleId :

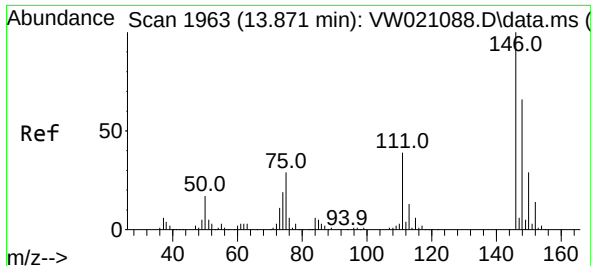
Tgt Ion:146 Resp: 59367
Ion Ratio Lower Upper
146 100
111 39.8 29.8 55.3
148 63.7 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.706 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion:146 Resp: 56555
Ion Ratio Lower Upper
146 100
111 36.3 29.0 53.9
148 62.5 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 23.145 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

Instrument :

MSVOA_W

ClientSampleId :

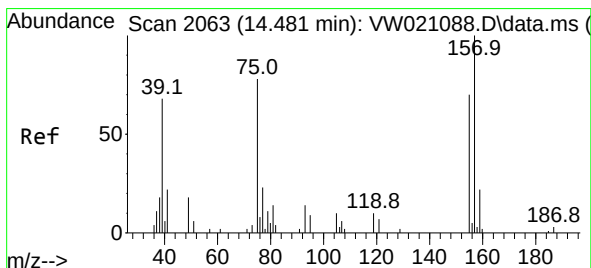
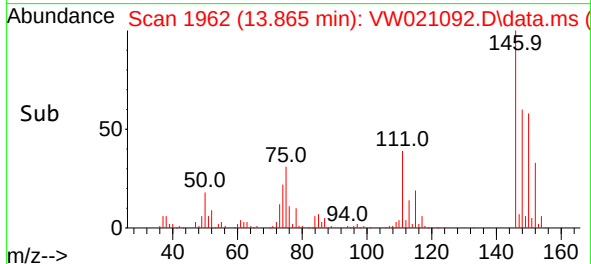
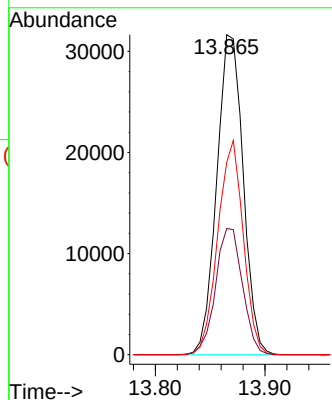
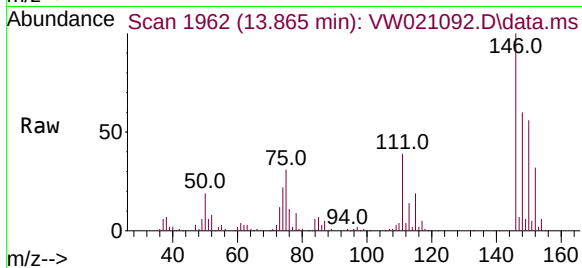
Tgt Ion:146 Resp: 53128

Ion Ratio Lower Upper

146 100

111 39.4 33.1 49.7

148 60.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.815 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW021092.D

Acq: 04 Dec 2021 03:16

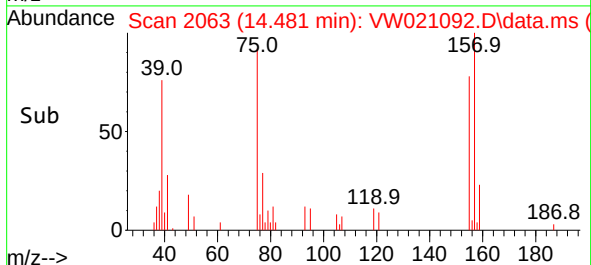
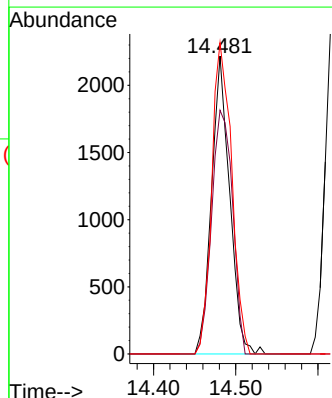
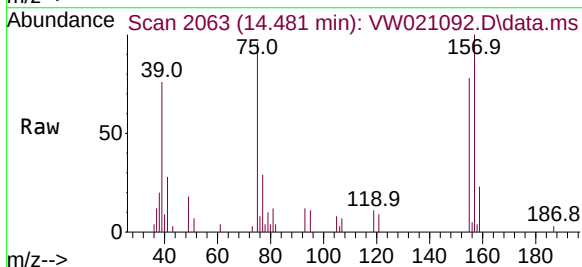
Tgt Ion: 75 Resp: 3400

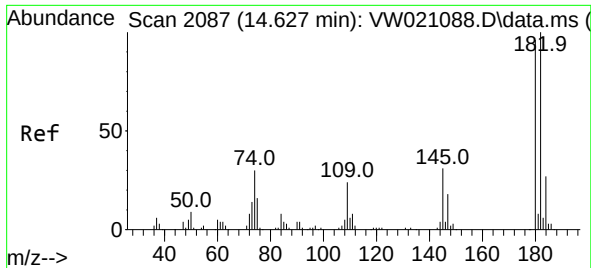
Ion Ratio Lower Upper

75 100

155 81.8 54.2 81.2#

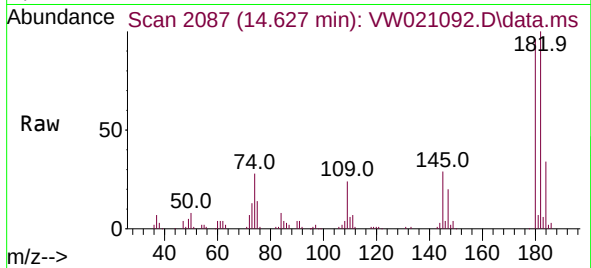
157 104.5 69.4 104.2#



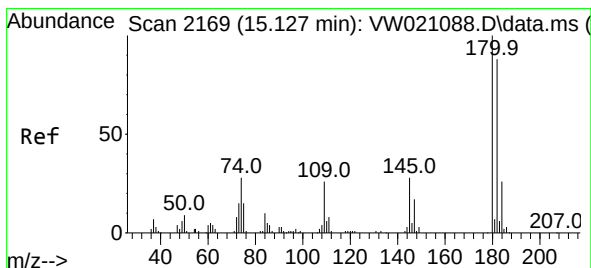
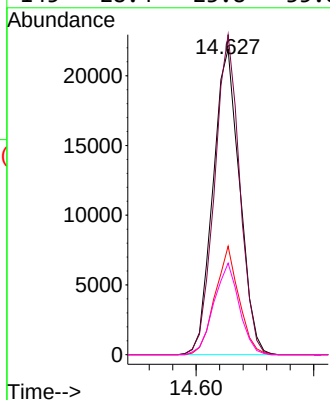
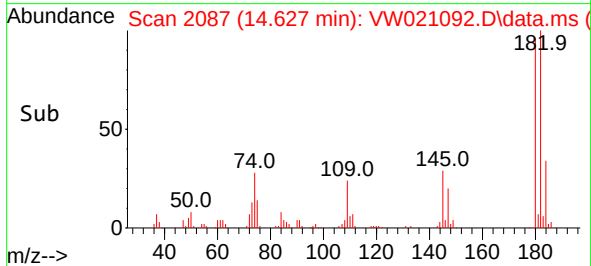


#69
 1,3,5-Trichlorobenzene
 Concen: 18.245 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. -0.000 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16

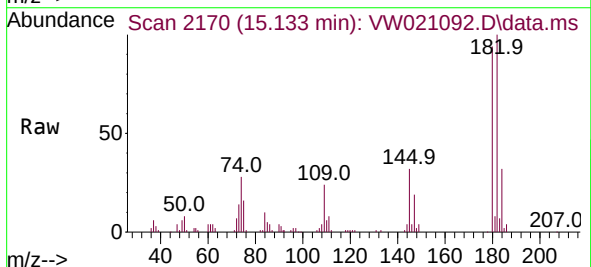
Instrument :
 MSVOA_W
 ClientSampleId :



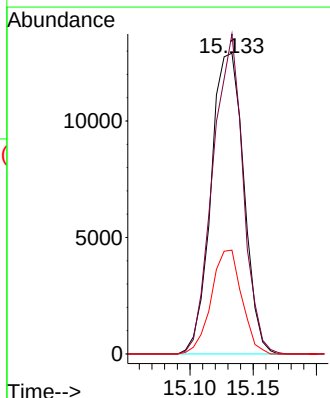
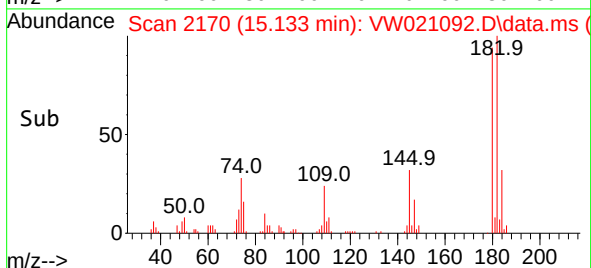
Tgt Ion:180 Resp: 34569
 Ion Ratio Lower Upper
 180 100
 182 98.7 75.4 113.0
 184 31.8 23.8 35.8
 145 28.4 23.8 35.8

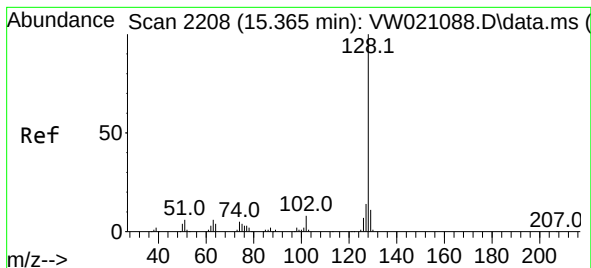


#70
 1,2,4-trichlorobenzene
 Concen: 14.933 ug/L
 RT: 15.133 min Scan# 2170
 Delta R.T. 0.006 min
 Lab File: VW021092.D
 Acq: 04 Dec 2021 03:16



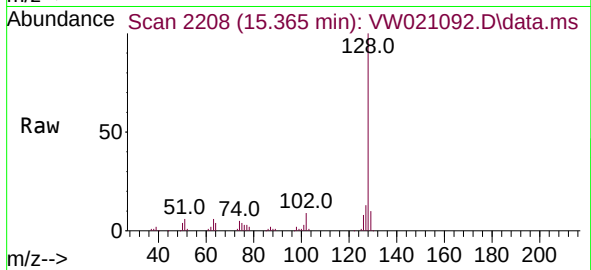
Tgt Ion:180 Resp: 23249
 Ion Ratio Lower Upper
 180 100
 182 98.1 79.0 118.6
 145 32.1 26.0 39.0



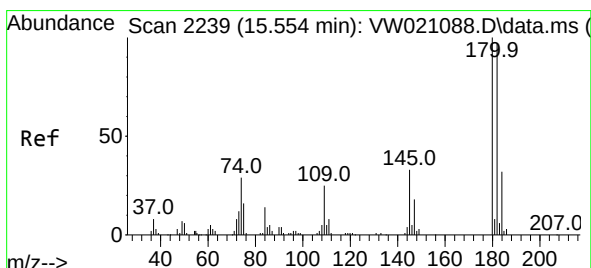
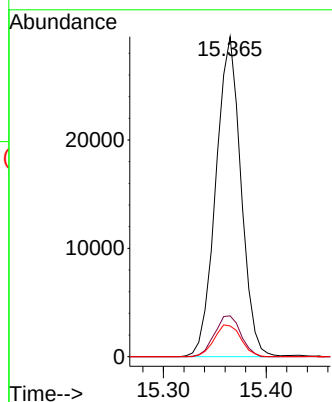
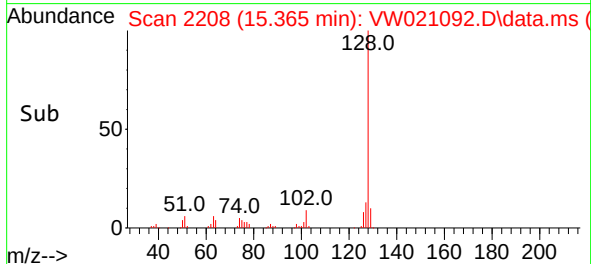


#71
Naphthalene
Concen: 17.288 ug/L
RT: 15.365 min Scan# 21
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:	128	Resp:	50036
Ion Ratio	Lower	Upper	
128	100		
127	13.4	10.7	16.1
129	10.6	8.6	12.8



#72
1,2,3-Trichlorobenzene
Concen: 15.087 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW021092.D
Acq: 04 Dec 2021 03:16

Tgt Ion:	180	Resp:	20500
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.6	114.8
145	30.7	27.4	41.0

