

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW120921\
 Data File : VW021247.D
 Acq On : 09 Dec 2021 17:00
 Operator : SY/VA
 Sample : VSTDICV025
 Misc : 5.00g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 10 00:19:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 09 17:38:44 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	108668	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	108299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	63944	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	41693	21.066	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.280%
7) Chloroethane-d5	2.885	69	28691	21.929	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
11) 1,1-Dichloroethene-d2	4.019	63	54308	20.583	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.320%
21) 2-Butanone-d5	7.080	46	12691	45.491	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	90.980%
24) Chloroform-d	7.653	84	63186	20.865	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.440%
26) 1,2-Dichloroethane-d4	8.305	65	33367	20.714	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.840%
32) Benzene-d6	8.274	84	121903	20.535	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.160%
36) 1,2-Dichloropropane-d6	9.274	67	33010	20.735	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	82.920%
41) Toluene-d8	10.323	98	127622	21.041	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	84.160%
43) trans-1,3-Dichloroprop...	10.579	79	15423	21.040	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.160%
47) 2-Hexanone-d5	10.926	63	10947	46.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	93.000%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	31614	23.100	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	50830	20.511	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.040%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.007	85	8503	20.252	ug/L	99
3) Chloromethane	2.215	50	26174	18.830	ug/L	97
5) Vinyl chloride	2.361	62	43246	19.818	ug/L	98
6) Bromomethane	2.782	94	30128	21.286	ug/L	94
8) Chloroethane	2.922	64	21387	21.274	ug/L	96
9) Trichlorofluoromethane	3.257	101	21966	19.078	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	29963	19.968	ug/L	91
12) 1,1-Dichloroethene	4.037	96	27725	20.583	ug/L	82
13) Acetone	4.117	43	10793	43.155	ug/L	95
14) Carbon disulfide	4.385	76	75080	21.584	ug/L	99
15) Methyl Acetate	4.671	43	10535	24.413	ug/L	# 78
16) Methylene chloride	4.909	84	34693	19.322	ug/L	82
17) trans-1,2-Dichloroethene	5.427	96	30259	20.747	ug/L	81
18) Methyl tert-butyl Ether	5.427	73	47067	23.367	ug/L	94
19) 1,1-Dichloroethane	6.220	63	50248	21.956	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	33759	21.946	ug/L	74
22) 2-Butanone	7.165	43	14411	44.123	ug/L	86
23) Bromochloromethane	7.512	128	16513	22.958	ug/L	# 64
25) Chloroform	7.677	83	58395	21.980	ug/L	99

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 Response via : Initial Calibration

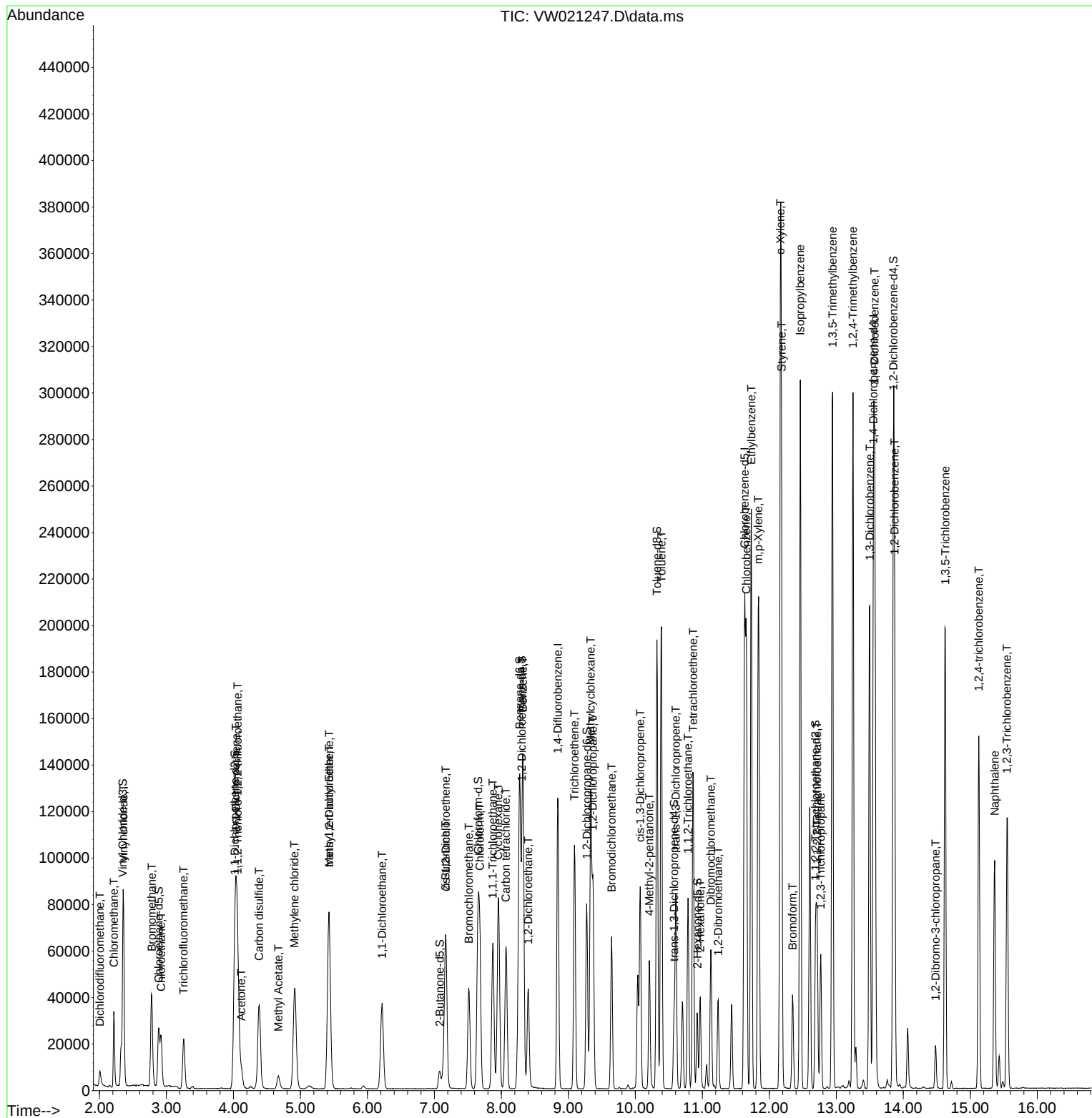
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	38212	22.713	ug/L	99
29) Cyclohexane	7.951	56	42503	19.718	ug/L #	81
30) 1,1,1-Trichloroethane	7.872	97	50226	20.670	ug/L	95
31) Carbon tetrachloride	8.067	117	45517	20.306	ug/L	97
33) Benzene	8.323	78	122950	20.840	ug/L	100
34) Trichloroethene	9.091	95	34074	20.575	ug/L	93
35) Methylcyclohexane	9.335	83	53570	19.609	ug/L #	84
37) 1,2-Dichloropropane	9.366	63	28604	21.737	ug/L #	96
38) Bromodichloromethane	9.646	83	40564	22.419	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	47085	22.698	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	33435	46.630	ug/L #	93
42) Toluene	10.390	91	147156	21.327	ug/L	94
44) trans-1,3-Dichloropropene	10.603	75	41576	22.883	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	24154	22.426	ug/L	95
46) Tetrachloroethene	10.866	164	30508	19.392	ug/L	95
48) 2-Hexanone	10.969	43	24397	46.919	ug/L #	95
49) Dibromochloromethane	11.128	129	30432	22.919	ug/L	90
50) 1,2-Dibromoethane	11.237	107	24543	22.897	ug/L	96
51) Chlorobenzene	11.658	112	99337	21.504	ug/L	94
52) Ethylbenzene	11.731	91	169023	21.436	ug/L	97
53) m,p-Xylene	11.835	106	67903	21.348	ug/L	86
54) o-Xylene	12.164	106	68283	22.620	ug/L	93
55) Styrene	12.182	104	118175	23.002	ug/L	89
57) 1,1,2,2-Tetrachloroethane	12.713	83	29360	23.779	ug/L #	97
59) Bromoform	12.347	173	18286	24.034	ug/L	99
60) Isopropylbenzene	12.463	105	186386	21.451	ug/L	96
61) 1,2,3-Trichloropropane	12.768	75	21994	23.633	ug/L	94
62) 1,3,5-Trimethylbenzene	12.944	105	159606	21.587	ug/L	94
63) 1,2,4-Trimethylbenzene	13.249	105	156976	21.522	ug/L	94
64) 1,3-Dichlorobenzene	13.499	146	88155	21.510	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	88158	21.651	ug/L	92
67) 1,2-Dichlorobenzene	13.871	146	78049	21.632	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	4190	21.828	ug/L #	72
69) 1,3,5-Trichlorobenzene	14.627	180	61692	20.140	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	48383	19.638	ug/L	97
71) Naphthalene	15.365	128	84457	21.100	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	40891	20.083	ug/L	97

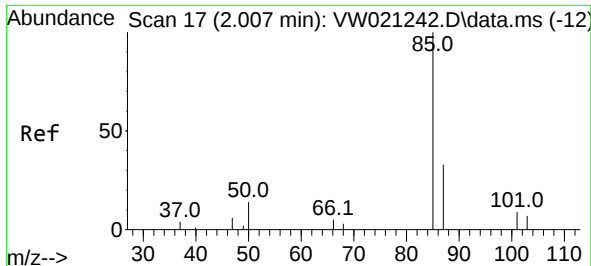
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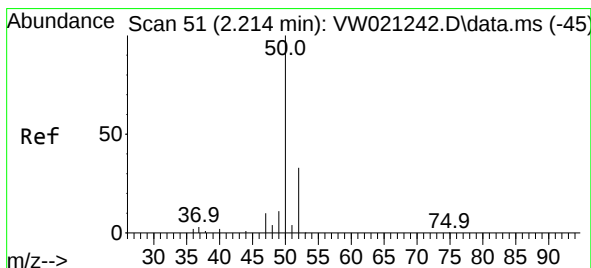
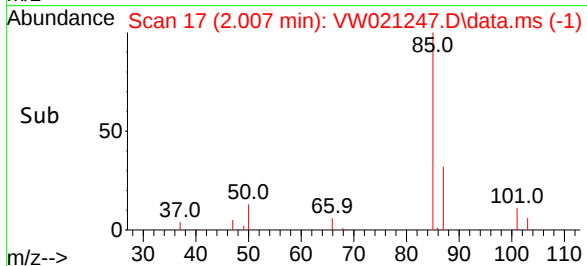
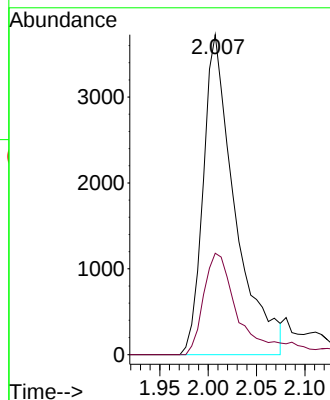
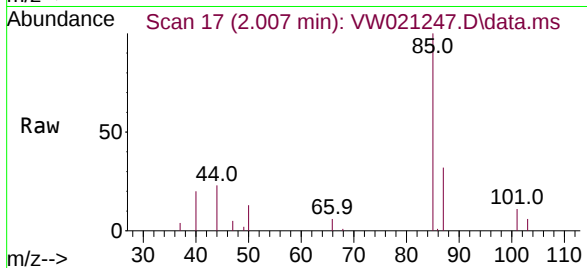




#2
 Dichlorodifluoromethane
 Concen: 20.252 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

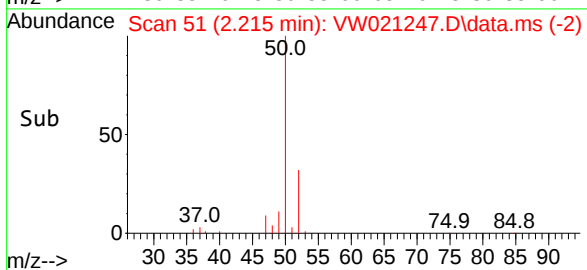
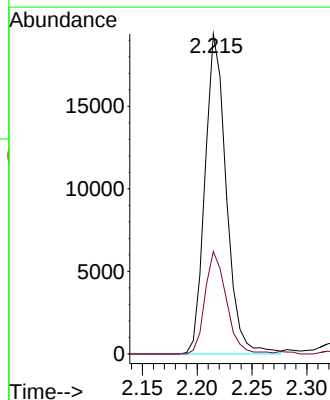
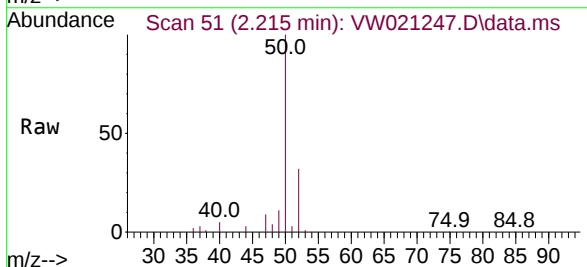
Instrument :
 MSVOA_W
 ClientSampleId :

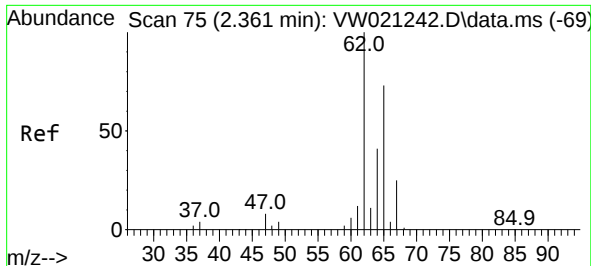
Tgt Ion: 85 Resp: 8503
 Ion Ratio Lower Upper
 85 100
 87 31.9 25.8 38.6



#3
 Chloromethane
 Concen: 18.830 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

Tgt Ion: 50 Resp: 26174
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.6

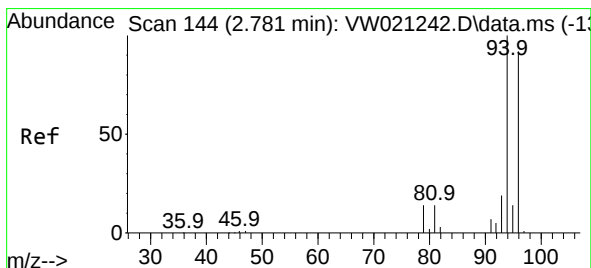
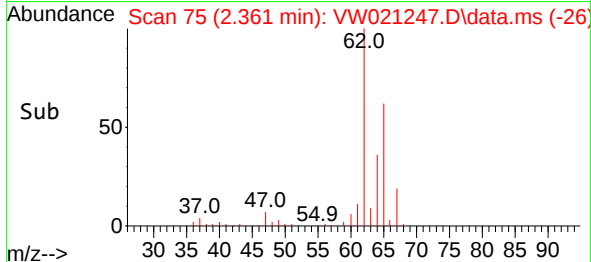
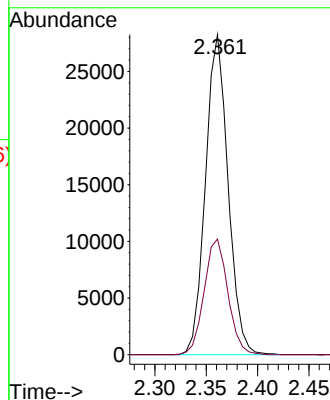
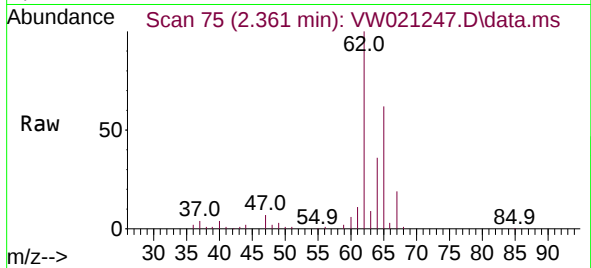




#5
 Vinyl chloride
 Concen: 19.818 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

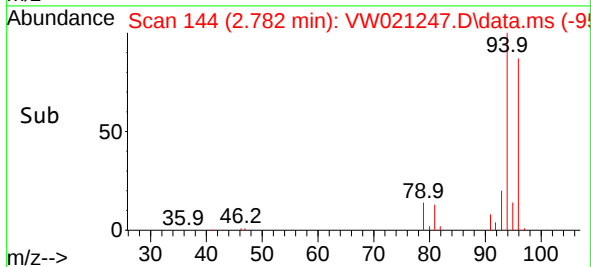
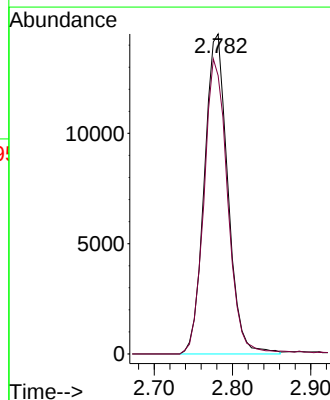
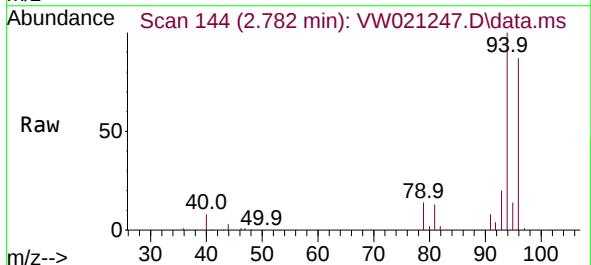
Instrument :
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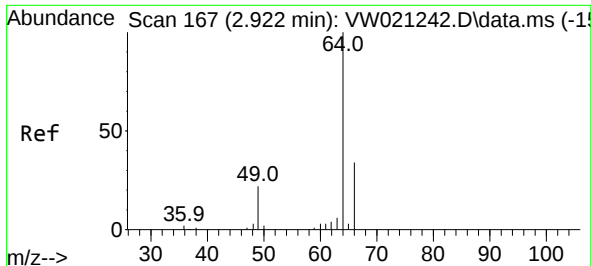
Tgt Ion: 62 Resp: 43246
 Ion Ratio Lower Upper
 62 100
 64 36.2 24.4 45.2



#6
 Bromomethane
 Concen: 21.286 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

Tgt Ion: 94 Resp: 30128
 Ion Ratio Lower Upper
 94 100
 96 87.0 64.8 120.4

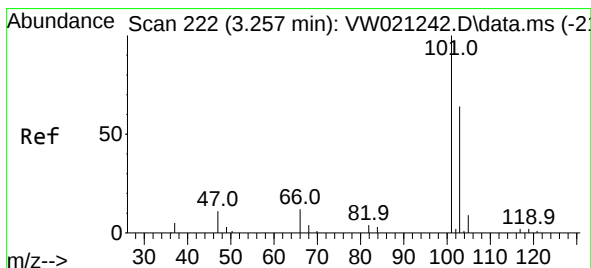
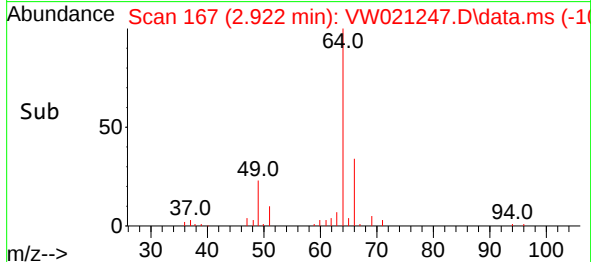
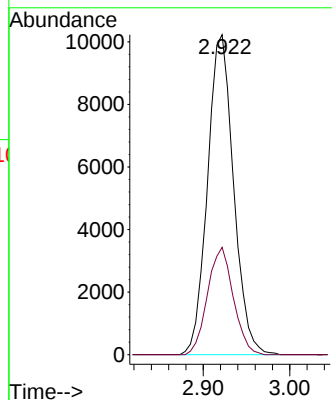
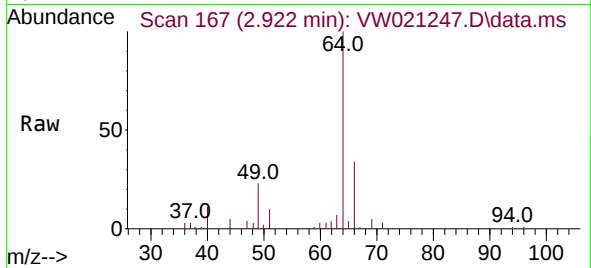




#8
Chloroethane
Concen: 21.274 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

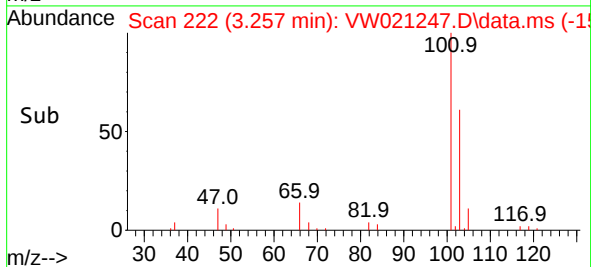
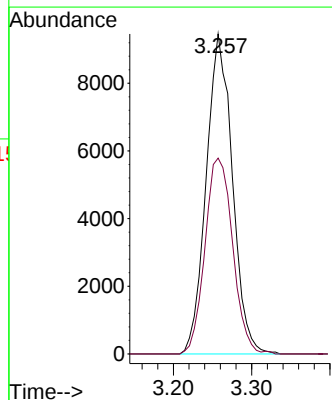
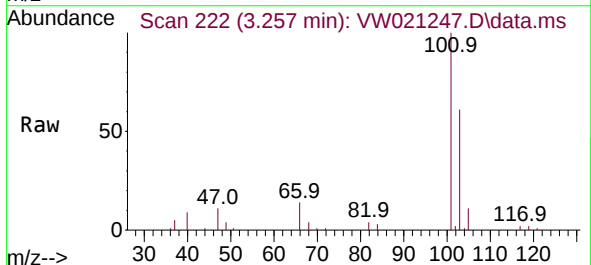
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MSVOA_W
ClientSampleId :

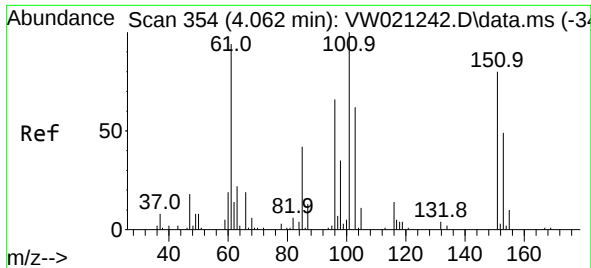
Tgt Ion: 64 Resp: 21387
Ion Ratio Lower Upper
64 100
66 33.5 22.0 40.8



#9
Trichlorofluoromethane
Concen: 19.078 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion:101 Resp: 21966
Ion Ratio Lower Upper
101 100
103 64.6 51.4 77.2

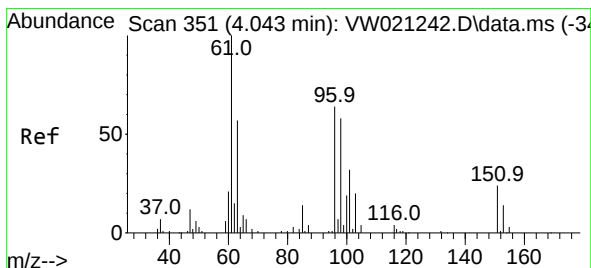
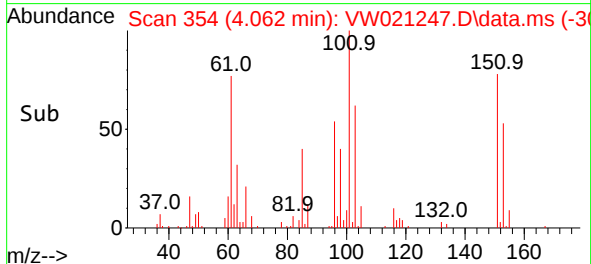
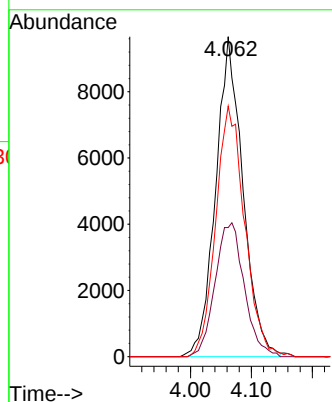
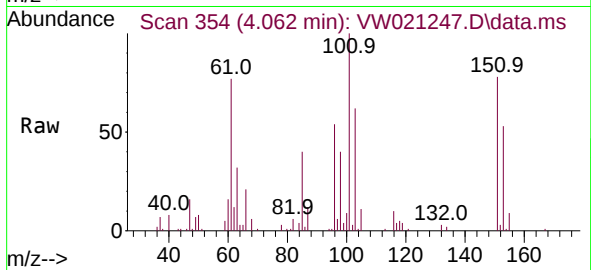




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 19.968 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

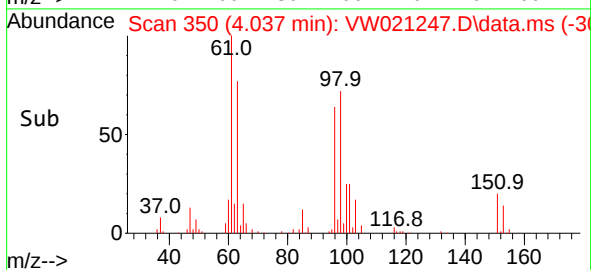
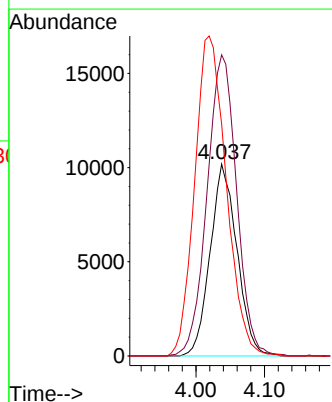
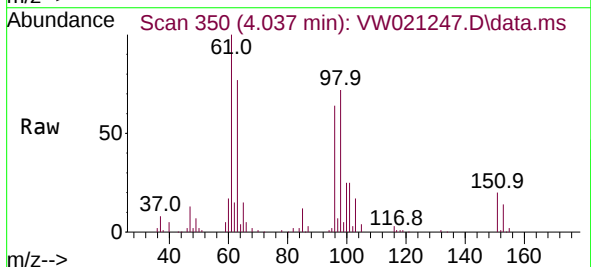
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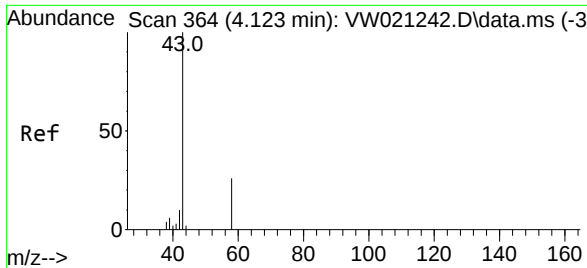
Tgt Ion:101 Resp: 29963
 Ion Ratio Lower Upper
 101 100
 85 44.8 36.6 54.8
 151 83.0 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 20.583 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

Tgt Ion: 96 Resp: 27725
 Ion Ratio Lower Upper
 96 100
 61 157.0 138.3 256.9
 63 120.8 82.6 153.4





#13

Acetone

Concen: 43.155 ug/L

RT: 4.117 min Scan# 363

Delta R.T. -0.006 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

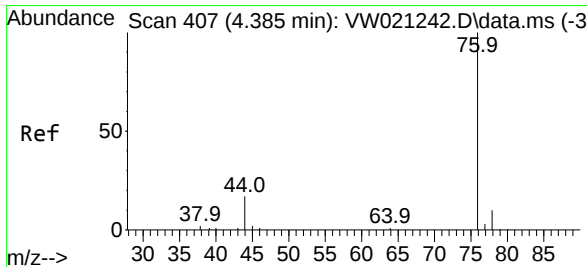
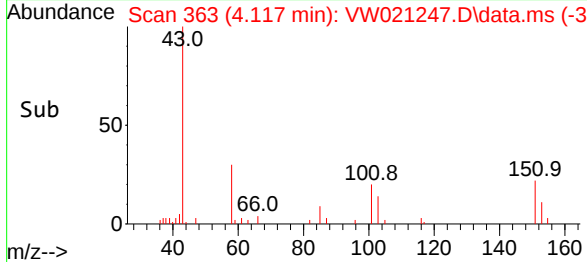
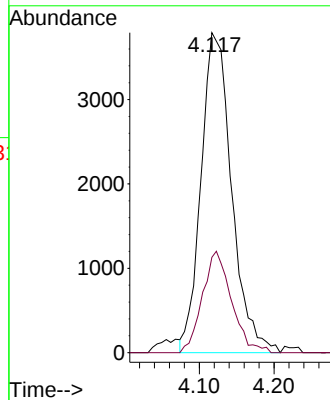
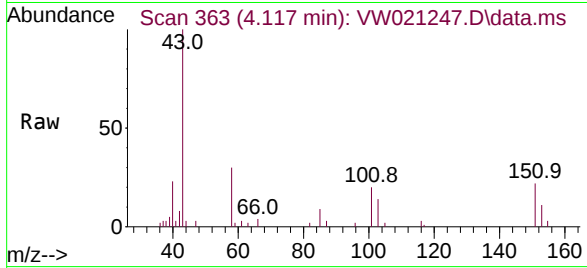
ClientSampleId :

Tgt Ion: 43 Resp: 10793

Ion Ratio Lower Upper

43 100

58 29.2 0.0 52.8



#14

Carbon disulfide

Concen: 21.584 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW021247.D

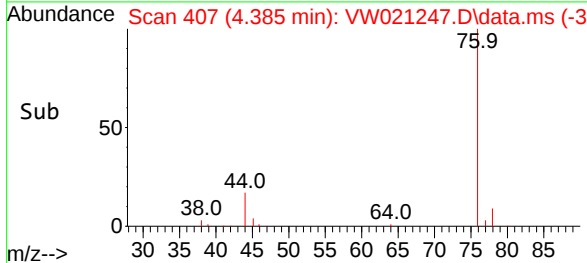
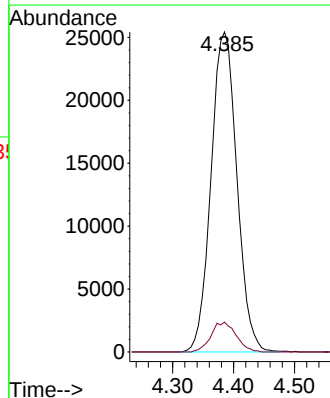
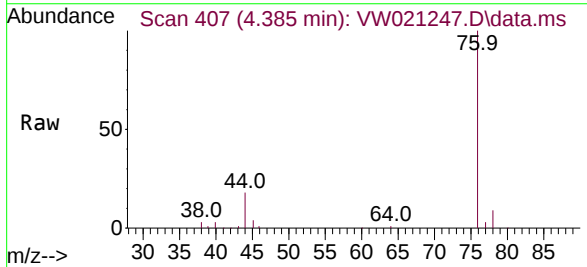
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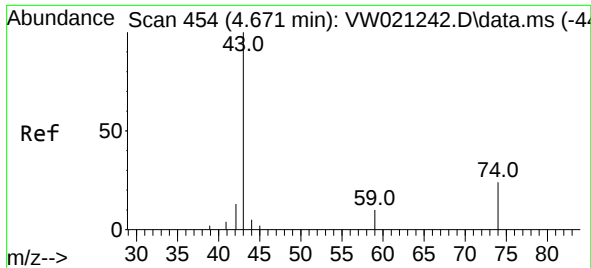
Tgt Ion: 76 Resp: 75080

Ion Ratio Lower Upper

76 100

78 9.4 7.1 10.7

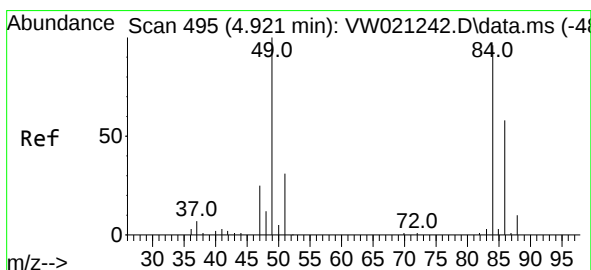
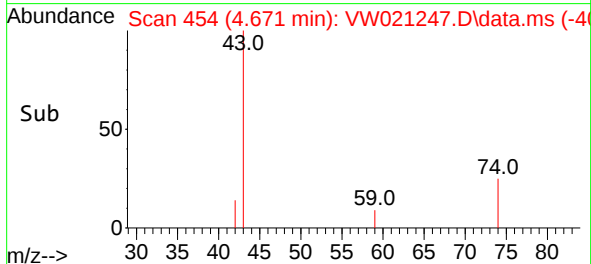
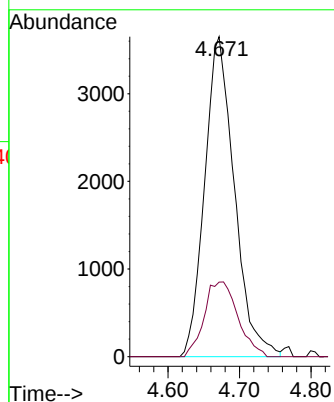
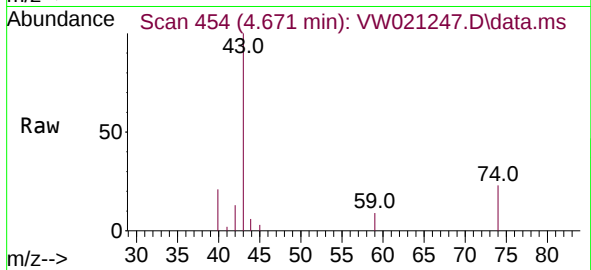




#15
Methyl Acetate
Concen: 24.413 ug/L
RT: 4.671 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

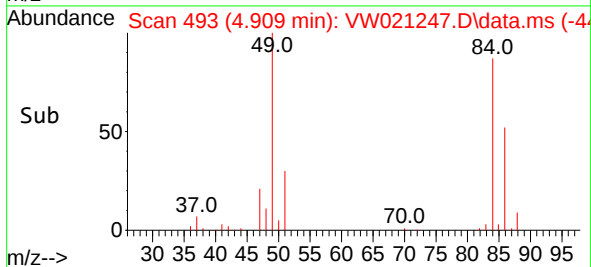
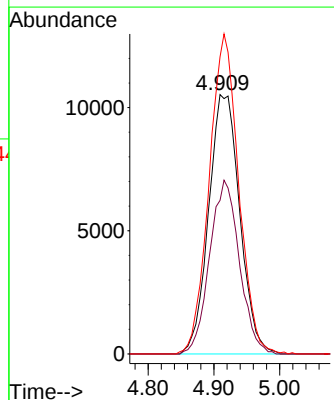
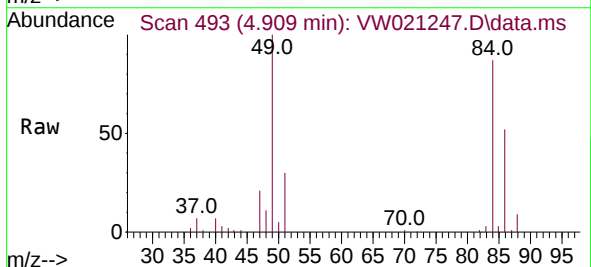
Instrument :
MSVOA_W
ClientSampleId :

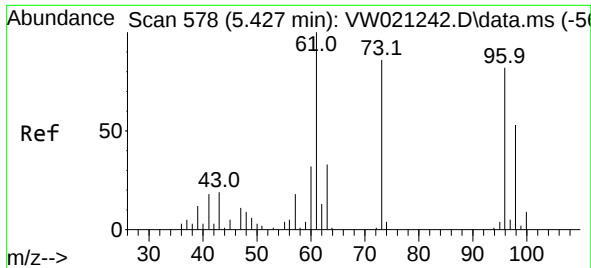
Tgt Ion: 43 Resp: 10535
Ion Ratio Lower Upper
43 100
74 10.2 16.4 24.6#



#16
Methylene chloride
Concen: 19.322 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 84 Resp: 34693
Ion Ratio Lower Upper
84 100
86 59.2 45.5 84.5
49 114.5 100.5 186.7

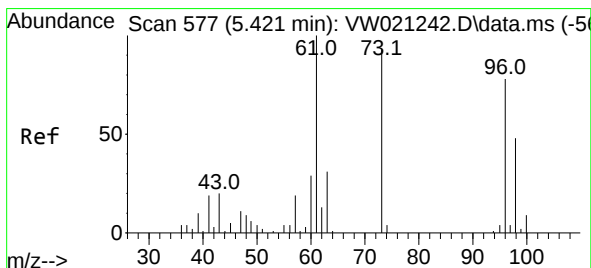
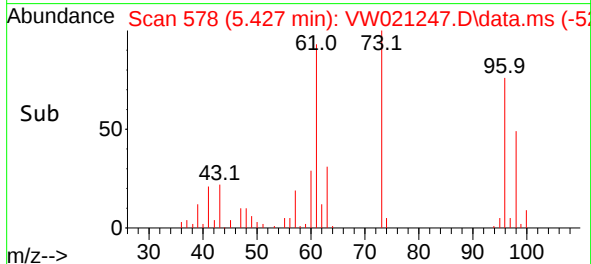
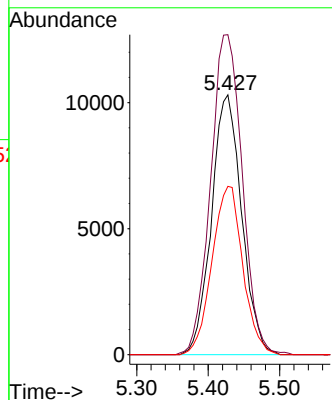
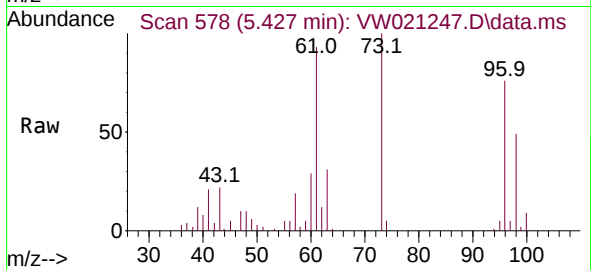




#17
trans-1,2-Dichloroethene
Concen: 20.747 ug/L
RT: 5.427 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

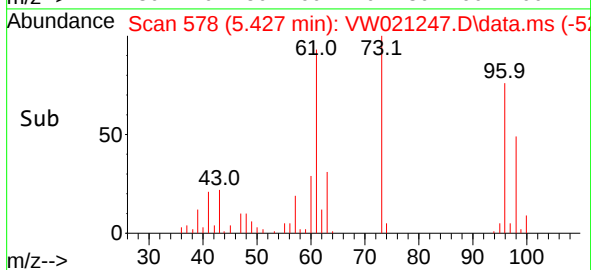
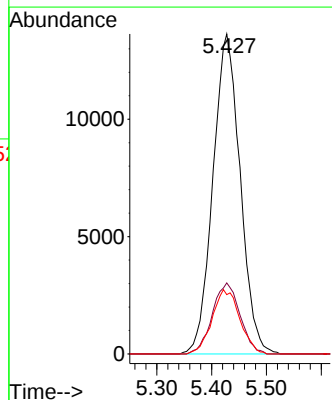
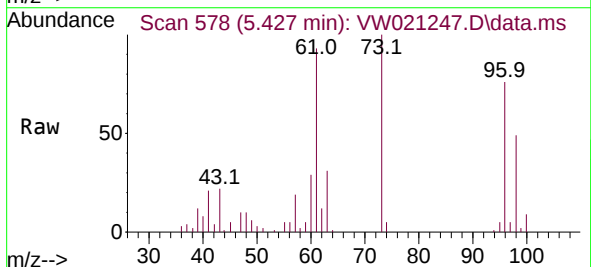
Instrument :
MSVOA_W
ClientSampleId :

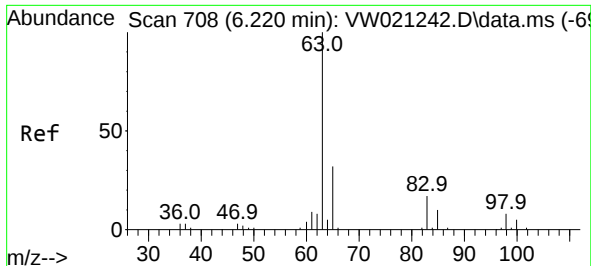
Tgt Ion: 96 Resp: 30259
Ion Ratio Lower Upper
96 100
61 123.2 107.4 199.4
98 64.8 41.2 76.6



#18
Methyl tert-butyl Ether
Concen: 23.367 ug/L
RT: 5.427 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 73 Resp: 47067
Ion Ratio Lower Upper
73 100
43 22.5 19.5 29.3
57 20.5 19.3 28.9





#19

1,1-Dichloroethane

Concen: 21.956 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021247.D

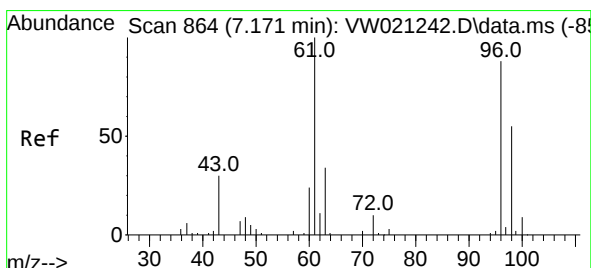
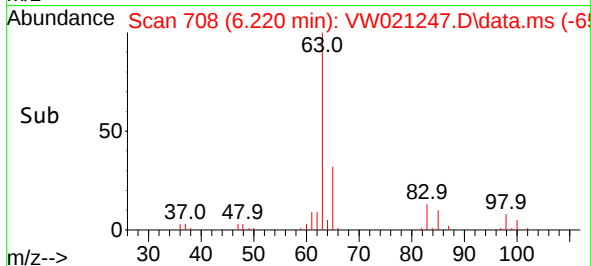
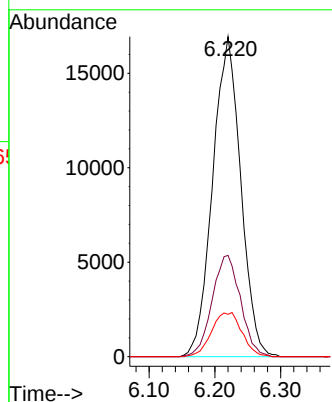
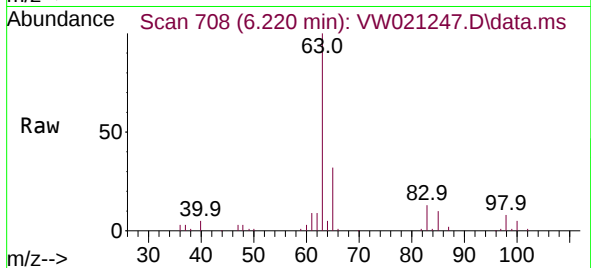
Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	50248
Ion	Ratio	Lower	Upper
63	100		
65	31.7	22.1	41.1
83	13.3	9.2	17.2



#20

cis-1,2-Dichloroethene

Concen: 21.946 ug/L

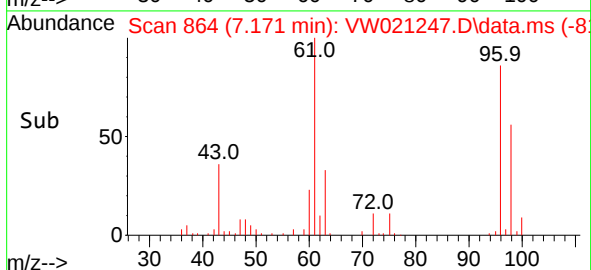
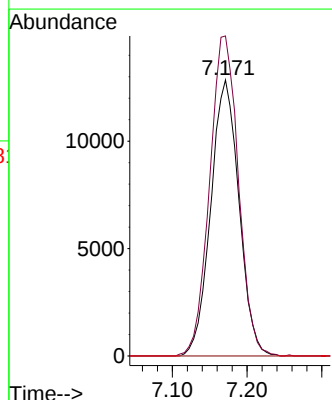
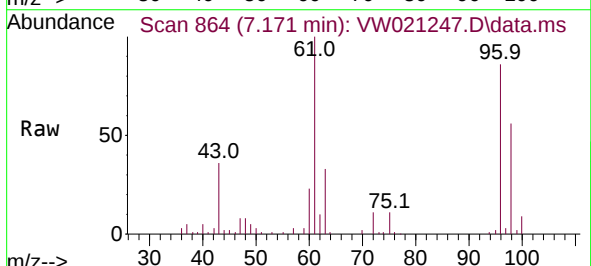
RT: 7.171 min Scan# 864

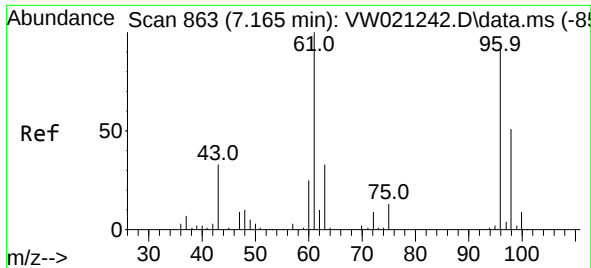
Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Tgt Ion:	96	Resp:	33759
Ion	Ratio	Lower	Upper
96	100		
61	115.9	103.7	192.7
68	0.0	0.0	0.0

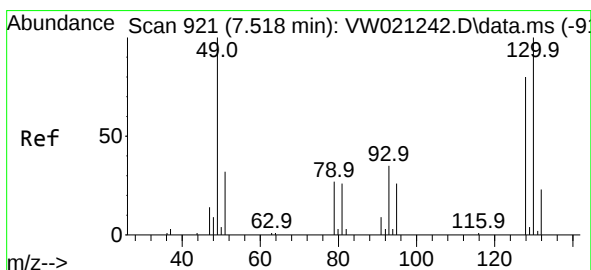
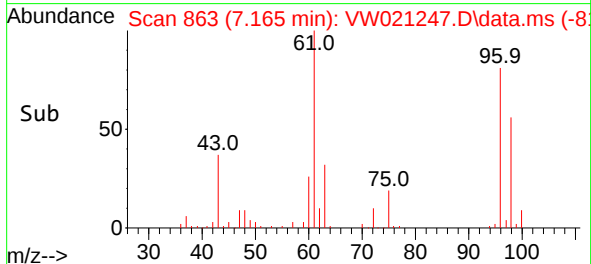
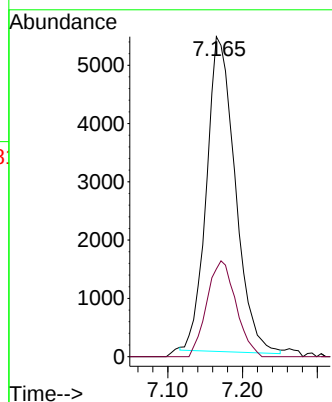
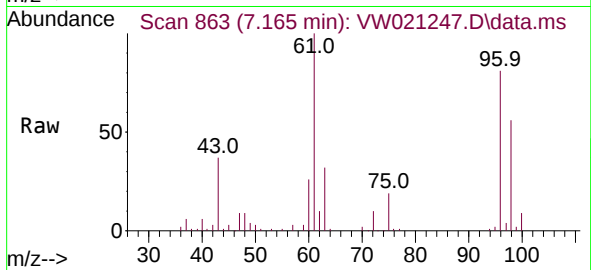




#22
2-Butanone
Concen: 44.123 ug/L
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

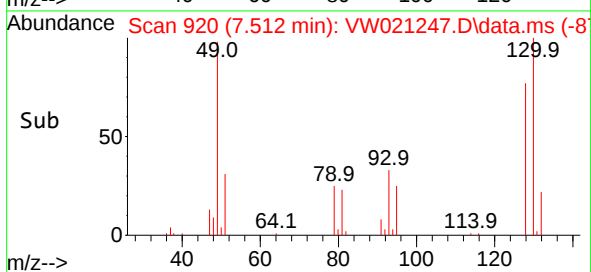
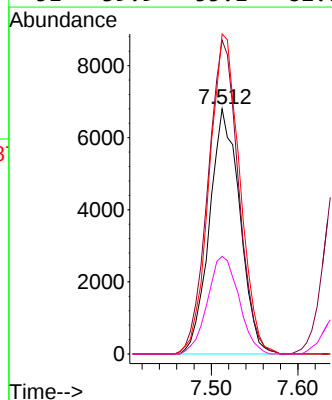
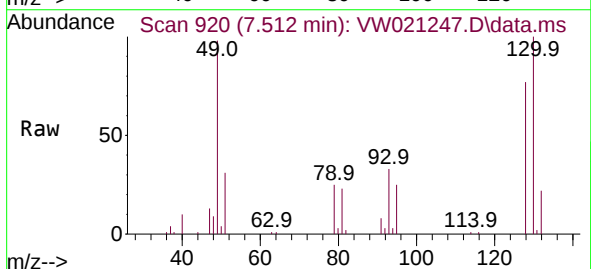
Instrument :
MSVOA_W
ClientSampleId :

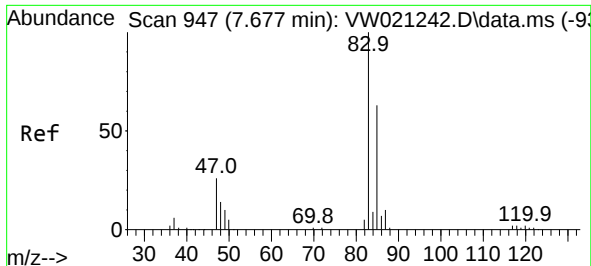
Tgt Ion: 43 Resp: 14411
Ion Ratio Lower Upper
43 100
72 30.7 11.8 35.4



#23
Bromochloromethane
Concen: 22.958 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 128 Resp: 16513
Ion Ratio Lower Upper
128 100
49 128.0 150.3 279.1#
130 130.5 88.3 163.9
51 39.9 55.1 82.7#

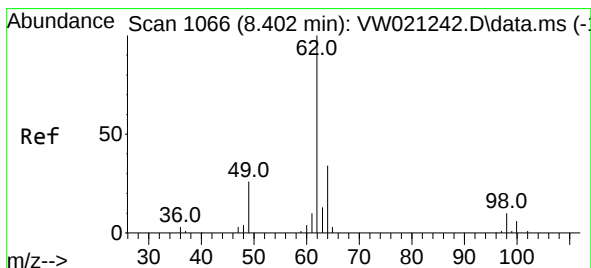
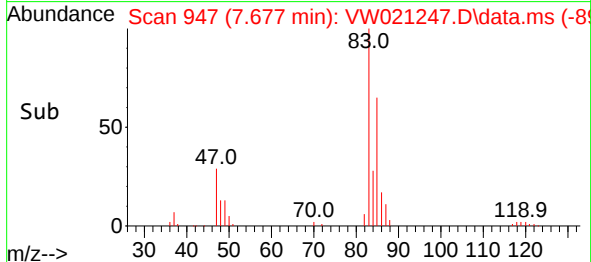
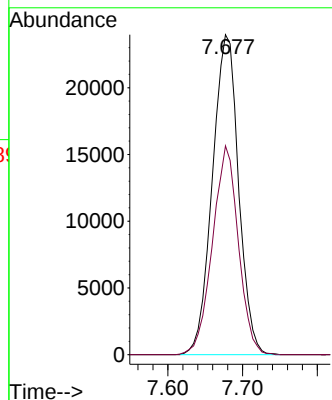
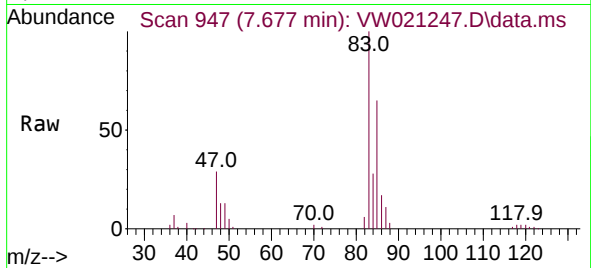




#25
Chloroform
Concen: 21.980 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

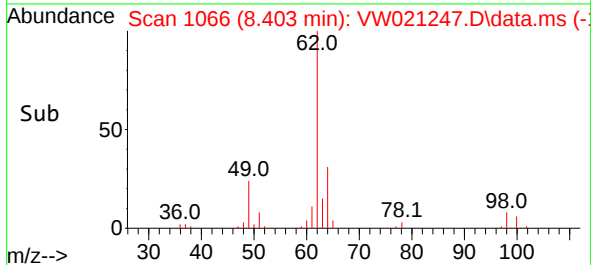
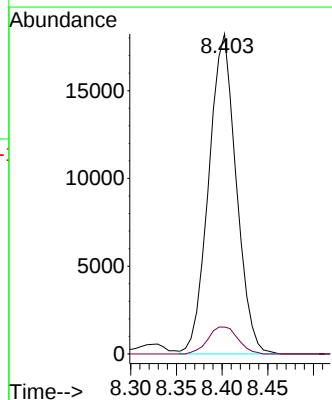
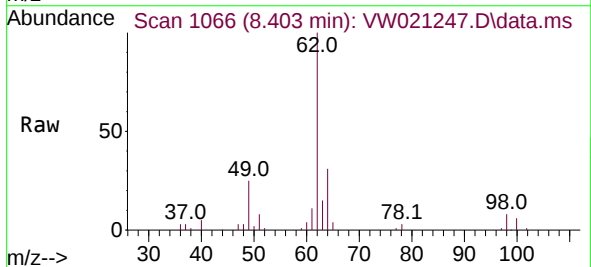
Instrument :
MSVOA_W
ClientSampleId :

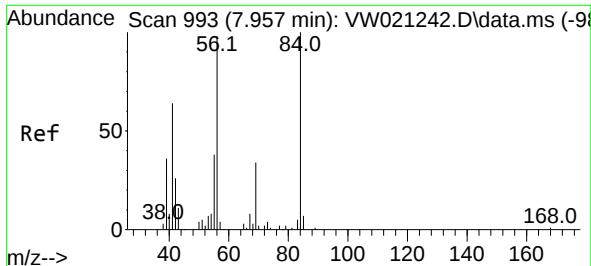
Tgt Ion: 83 Resp: 58395
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.7



#27
1,2-Dichloroethane
Concen: 22.713 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

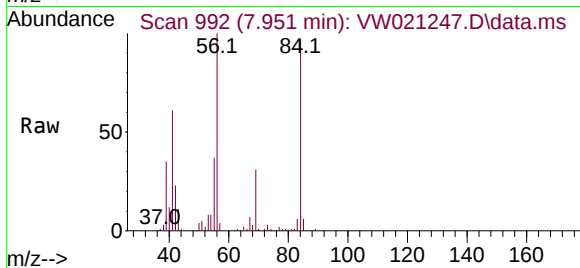
Tgt Ion: 62 Resp: 38212
Ion Ratio Lower Upper
62 100
98 8.4 6.5 9.7



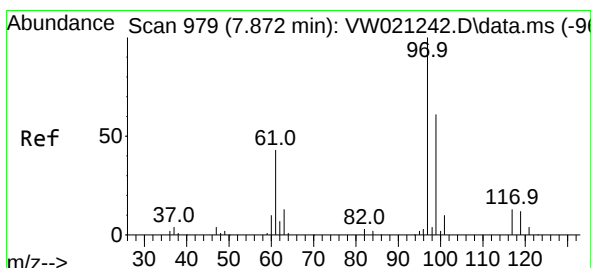
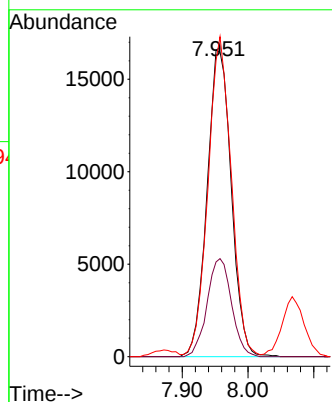
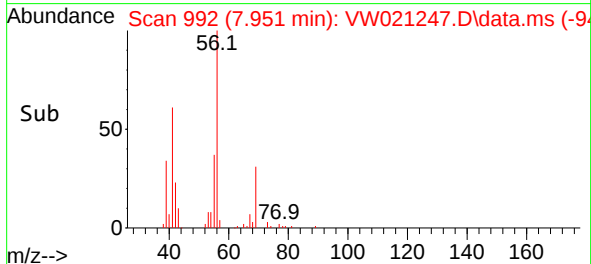


#29
Cyclohexane
Concen: 19.718 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Instrument :
MSVOA_W
ClientSampleId :

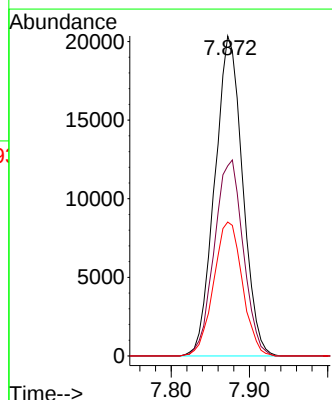
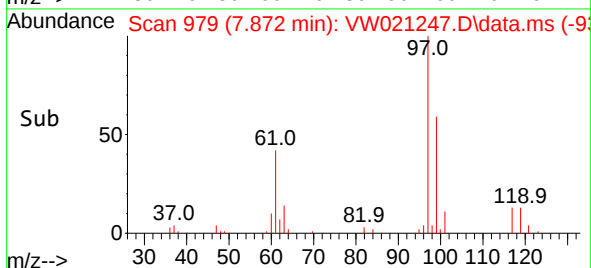
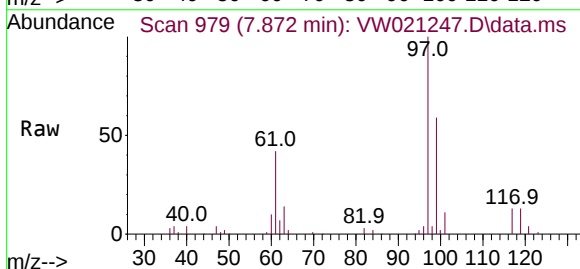


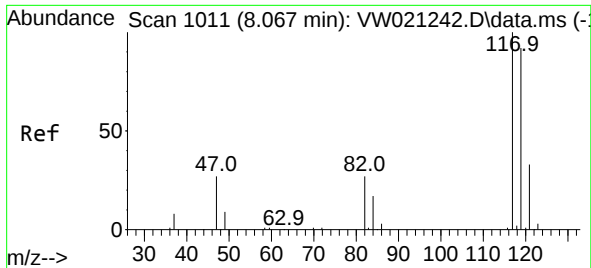
Tgt Ion: 56 Resp: 42503
Ion Ratio Lower Upper
56 100
69 32.2 23.5 35.3
84 100.5 63.4 95.2#



#30
1,1,1-Trichloroethane
Concen: 20.670 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

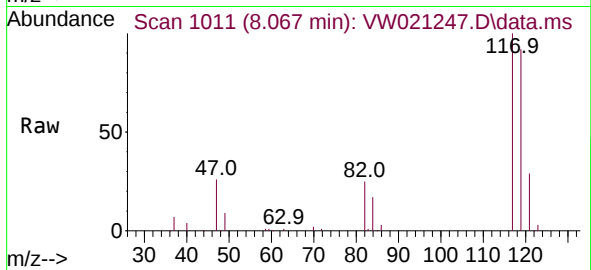
Tgt Ion: 97 Resp: 50226
Ion Ratio Lower Upper
97 100
99 63.8 51.6 77.4
61 43.3 40.9 61.3



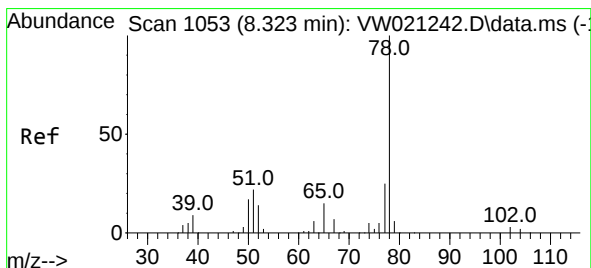
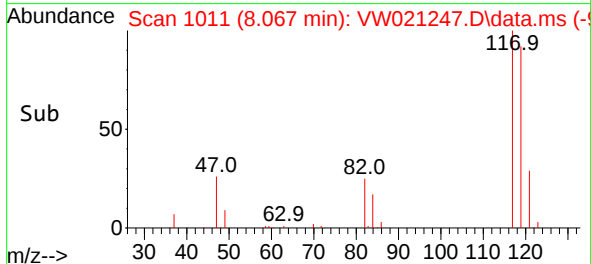
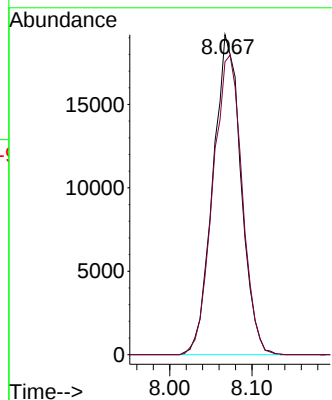


#31
Carbon tetrachloride
Concen: 20.306 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Instrument :
MSVOA_W
ClientSampleId :

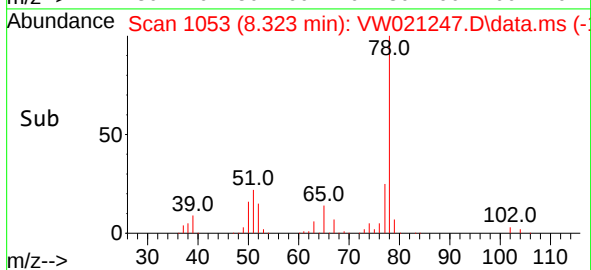
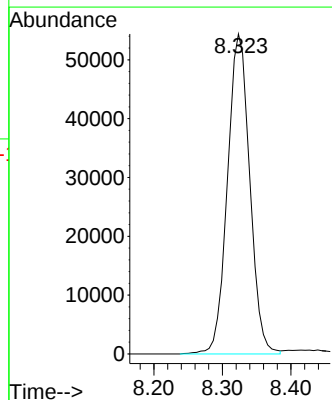
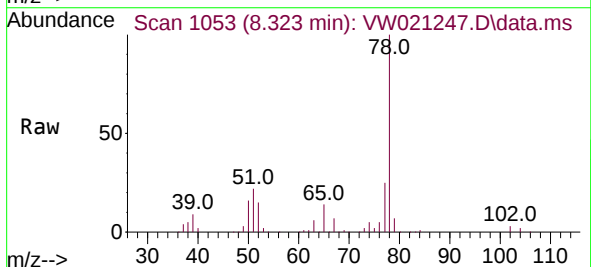


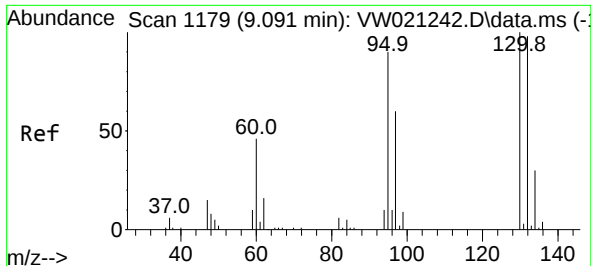
Tgt Ion:117 Resp: 45517
Ion Ratio Lower Upper
117 100
119 97.6 75.7 113.5



#33
Benzene
Concen: 20.840 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 78 Resp: 122950





#34

Trichloroethene

Concen: 20.575 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. 0.000 min

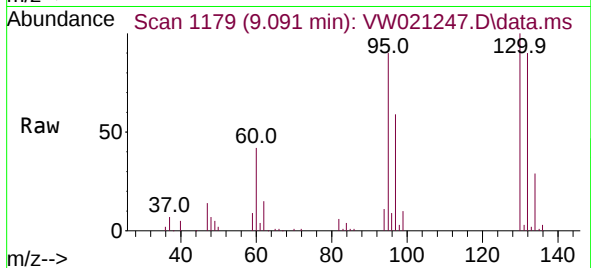
Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 34074

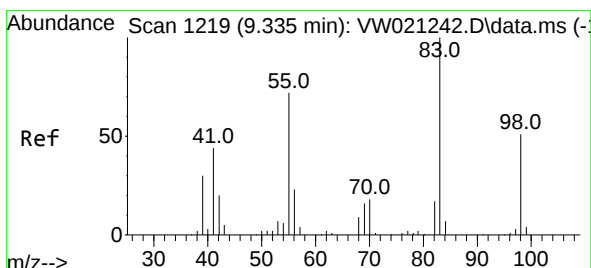
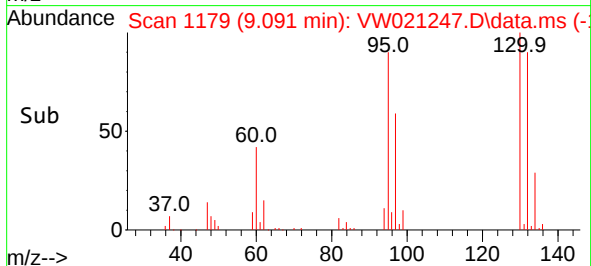
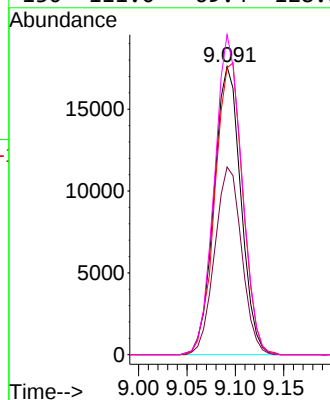
Ion Ratio Lower Upper

95 100

97 65.1 47.0 87.2

132 99.5 65.5 121.6

130 111.0 69.4 128.8



#35

Methylcyclohexane

Concen: 19.609 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

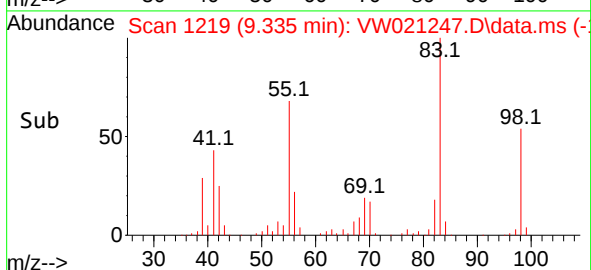
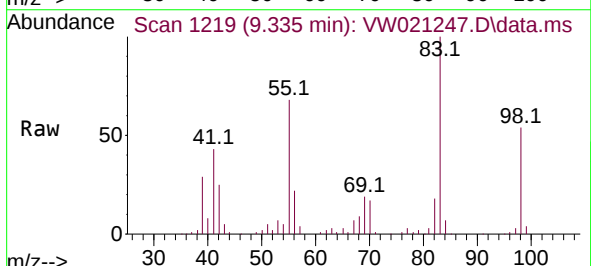
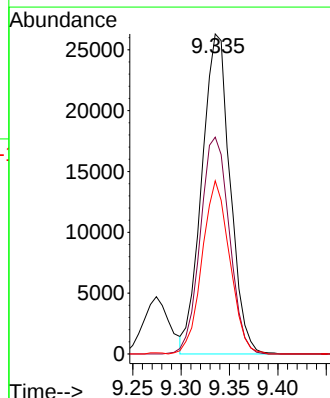
Tgt Ion: 83 Resp: 53570

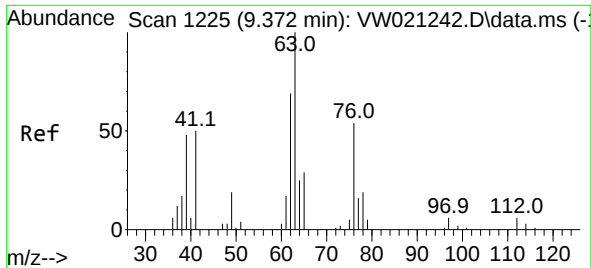
Ion Ratio Lower Upper

83 100

55 69.4 70.8 106.2#

98 52.8 37.7 56.5

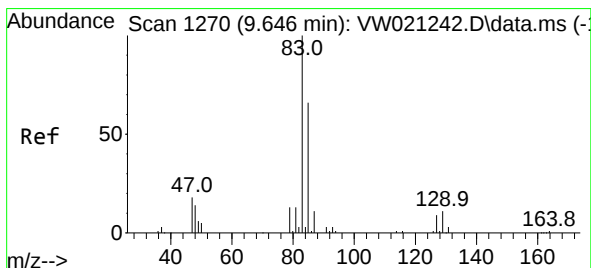
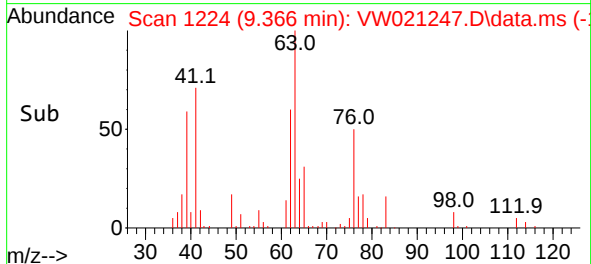
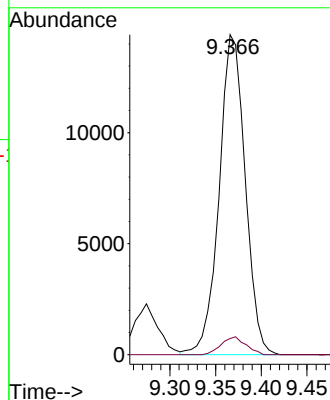
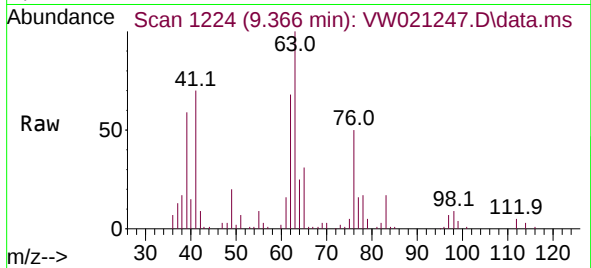




#37
1,2-Dichloropropane
Concen: 21.737 ug/L
RT: 9.366 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

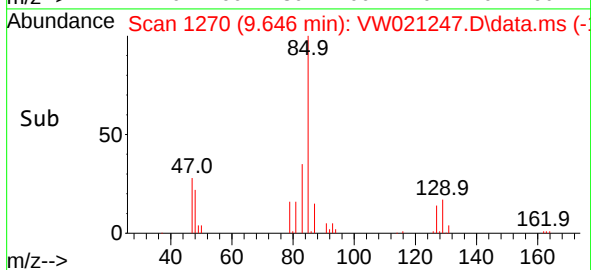
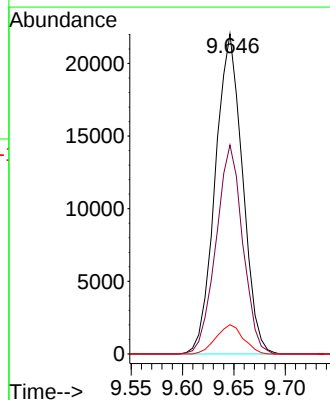
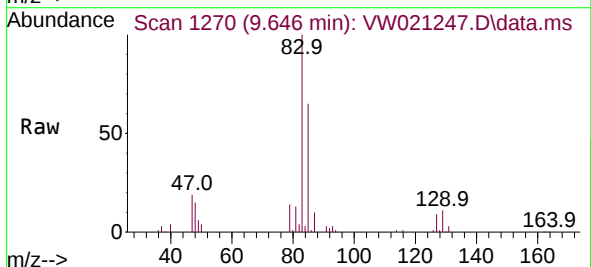
Instrument :
MSVOA_W
ClientSampleId :

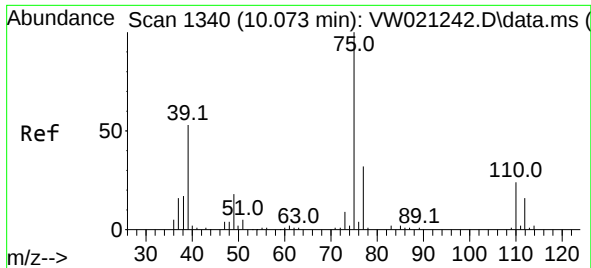
Tgt Ion: 63 Resp: 28604
Ion Ratio Lower Upper
63 100
112 5.3 3.2 4.8#



#38
Bromodichloromethane
Concen: 22.419 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 83 Resp: 40564
Ion Ratio Lower Upper
83 100
85 65.3 44.1 81.9
127 9.2 6.1 9.1#

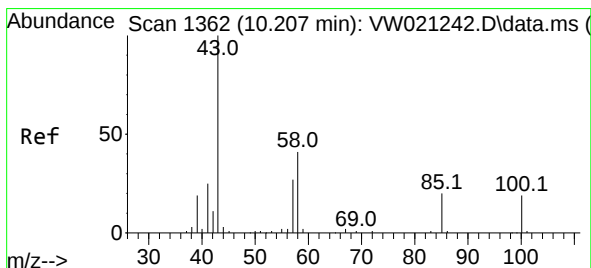
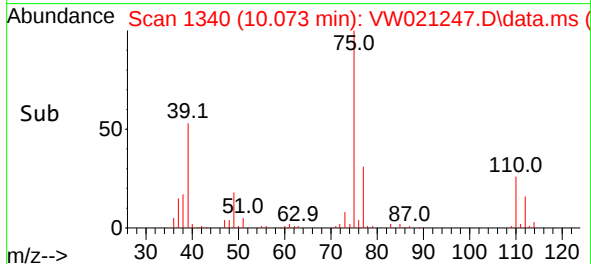
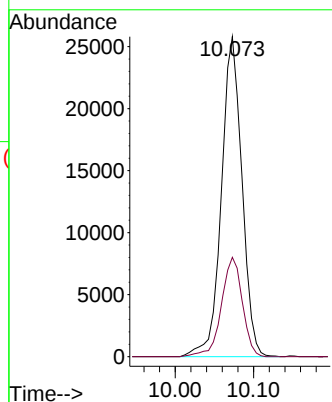
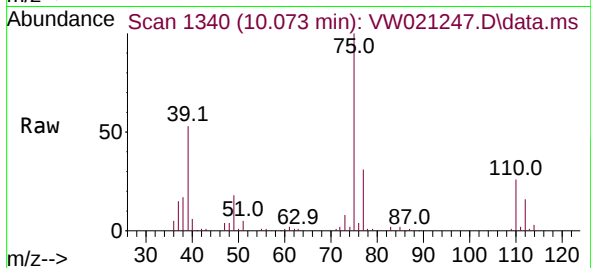




#39
 cis-1,3-Dichloropropene
 Concen: 22.698 ug/L
 RT: 10.073 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

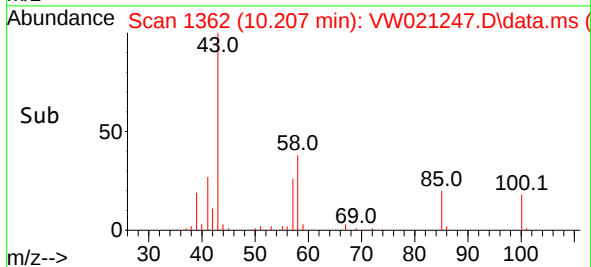
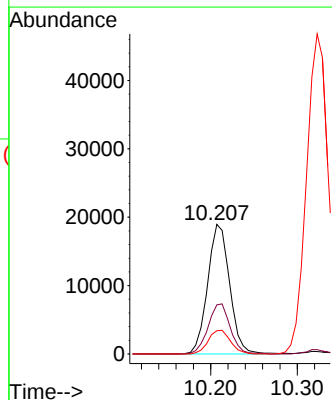
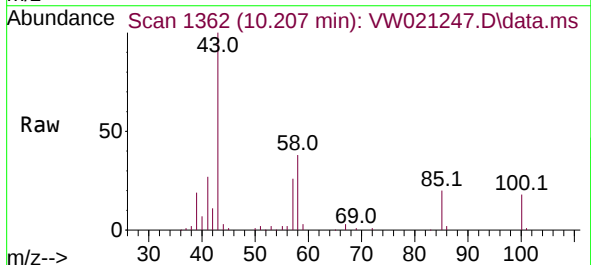
Instrument :
 MSVOA_W
 ClientSampleId :

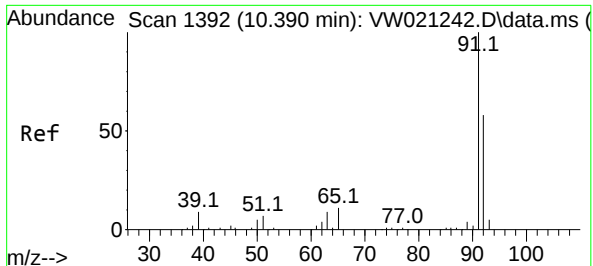
Tgt Ion: 75 Resp: 47085
 Ion Ratio Lower Upper
 75 100
 77 31.1 21.8 40.6



#40
 4-Methyl-2-pentanone
 Concen: 46.630 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW021247.D
 Acq: 09 Dec 2021 17:00

Tgt Ion: 43 Resp: 33435
 Ion Ratio Lower Upper
 43 100
 58 38.7 28.8 43.2
 100 18.4 10.0 15.0#

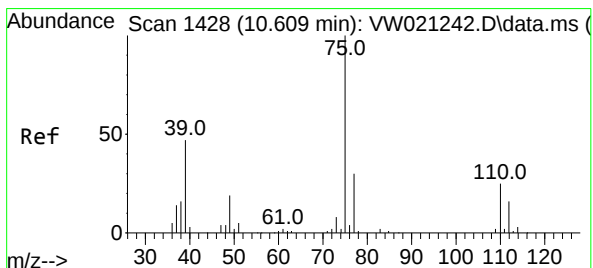
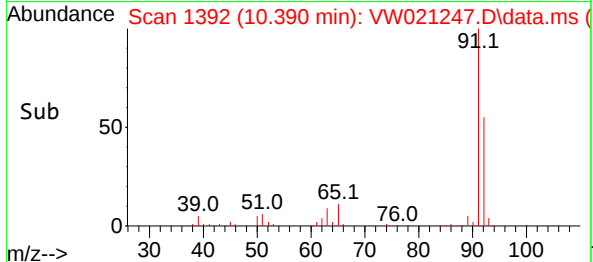
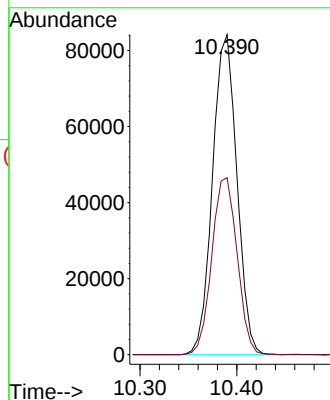
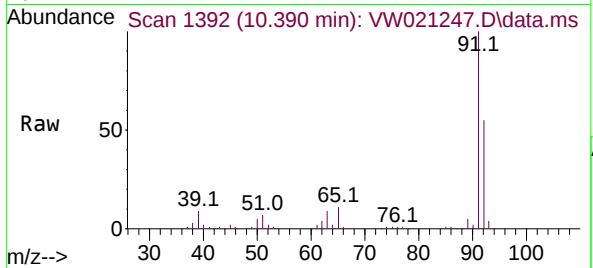




#42
Toluene
Concen: 21.327 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

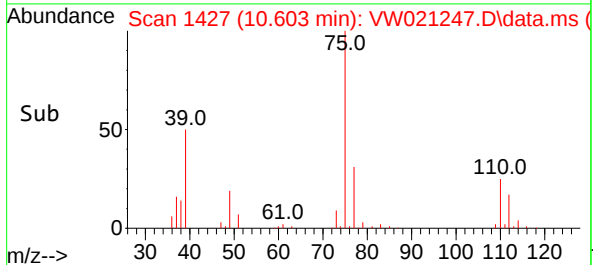
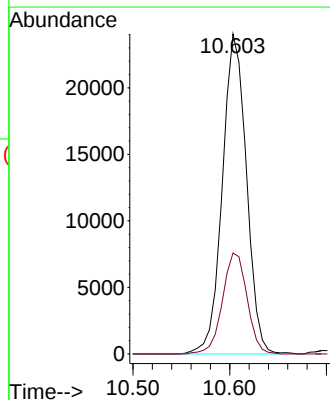
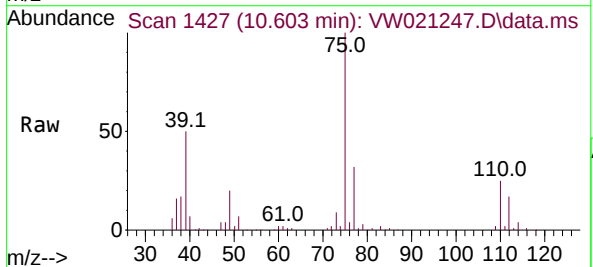
Instrument :
MSVOA_W
ClientSampleId :

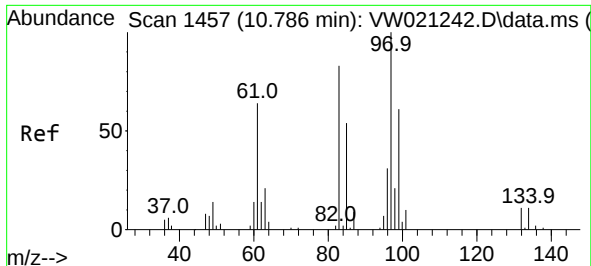
Tgt Ion: 91 Resp: 147156
Ion Ratio Lower Upper
91 100
92 55.3 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 22.883 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 75 Resp: 41576
Ion Ratio Lower Upper
75 100
77 31.6 22.2 41.2

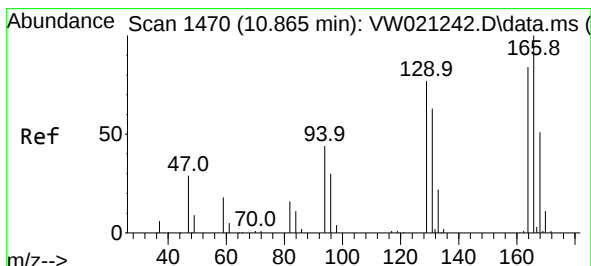
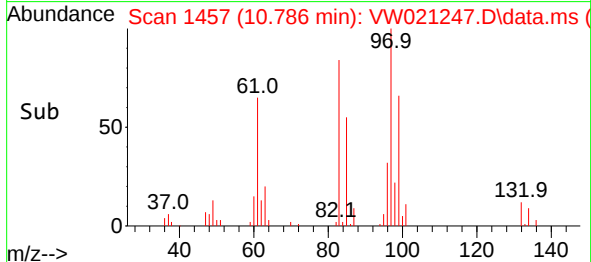
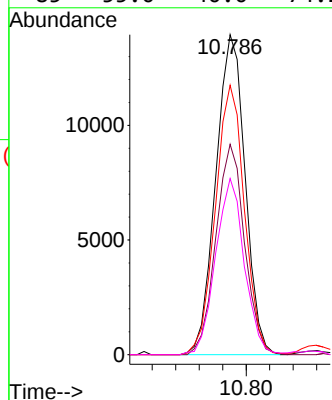
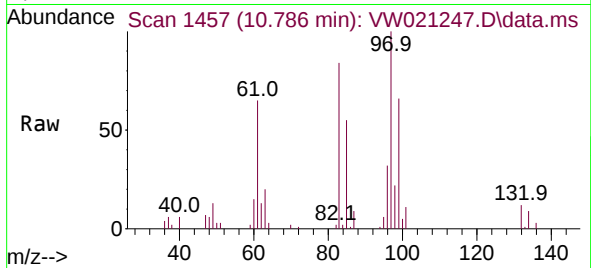




#45
1,1,2-Trichloroethane
Concen: 22.426 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

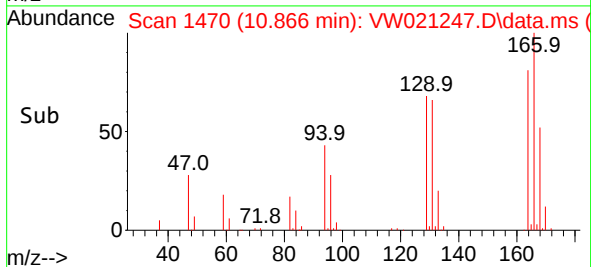
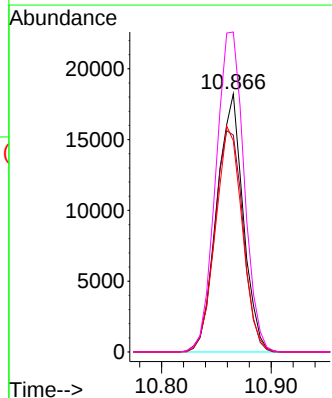
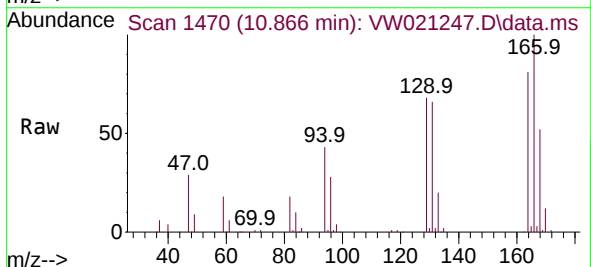
Instrument :
MSVOA_W
ClientSampleId :

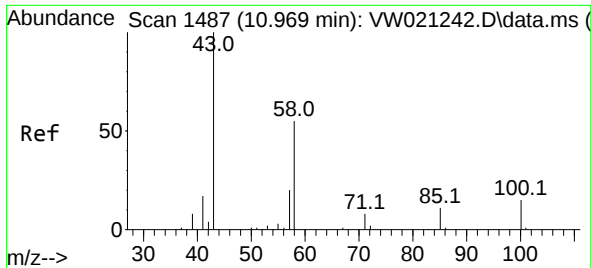
Tgt Ion: 97	Resp: 24154
Ion Ratio	Lower Upper
97 100	
99 65.7	43.0 79.8
83 84.2	62.6 116.3
85 55.0	40.0 74.2



#46
Tetrachloroethene
Concen: 19.392 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

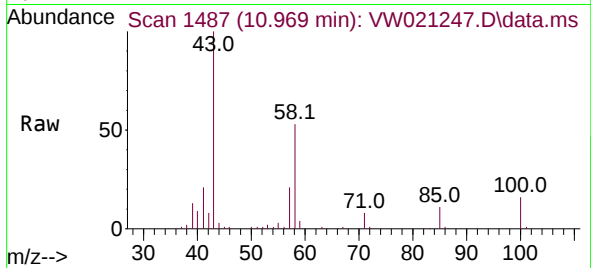
Tgt Ion: 164	Resp: 30508
Ion Ratio	Lower Upper
164 100	
129 84.0	65.5 121.7
131 81.8	59.7 110.9
166 124.0	88.7 164.7



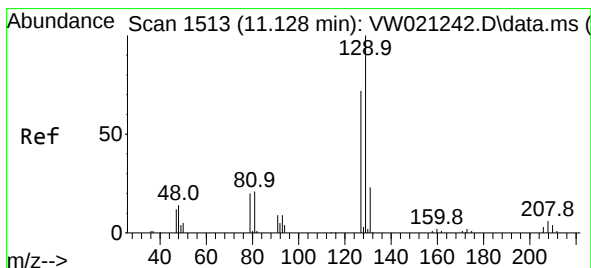
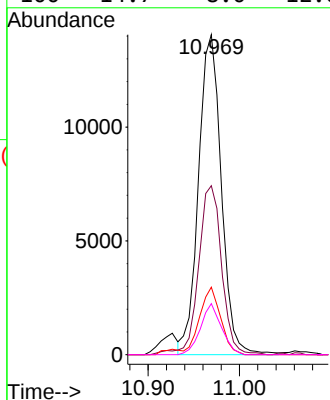
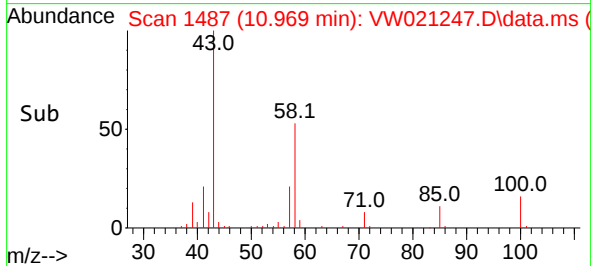


#48
2-Hexanone
Concen: 46.919 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Instrument :
MSVOA_W
ClientSampleId :

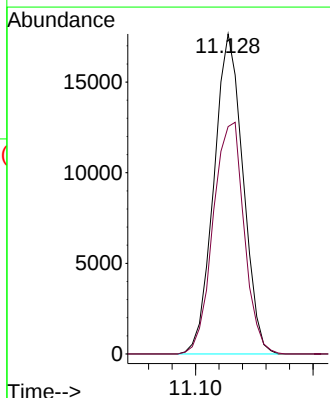
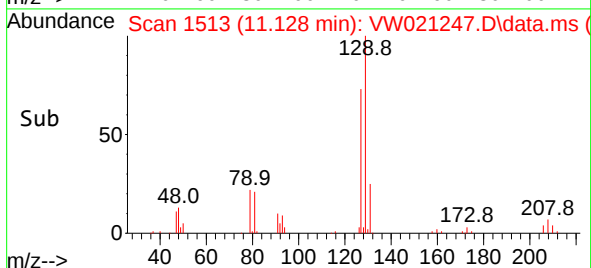
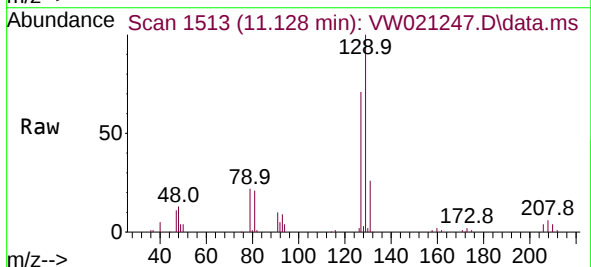


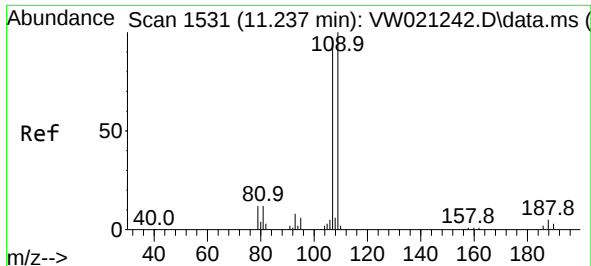
Tgt Ion: 43 Resp: 24397
Ion Ratio Lower Upper
43 100
58 52.6 40.2 60.2
57 19.3 14.3 21.5
100 14.7 8.0 12.0#



#49
Dibromochloromethane
Concen: 22.919 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 129 Resp: 30432
Ion Ratio Lower Upper
129 100
127 71.1 55.7 103.5





#50

1,2-Dibromoethane

Concen: 22.897 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021247.D

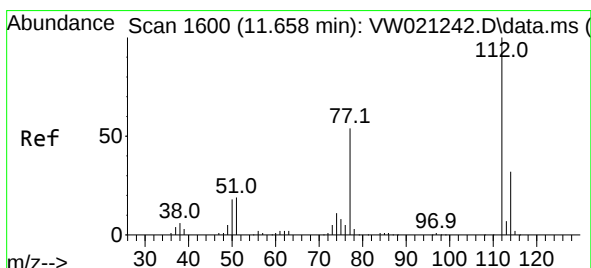
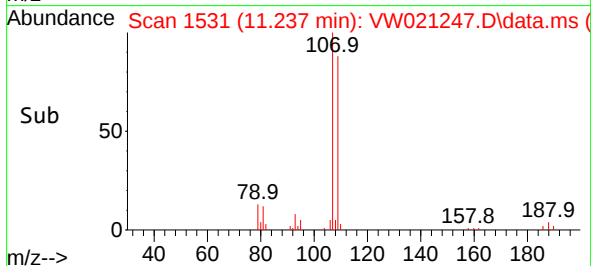
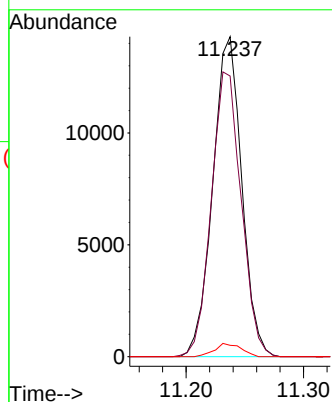
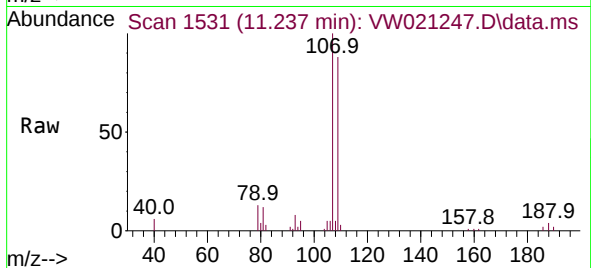
Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	24543
Ion Ratio	Lower	Upper
107	100	
109	87.7	64.1 119.1
188	3.5	2.6 3.8



#51

Chlorobenzene

Concen: 21.504 ug/L

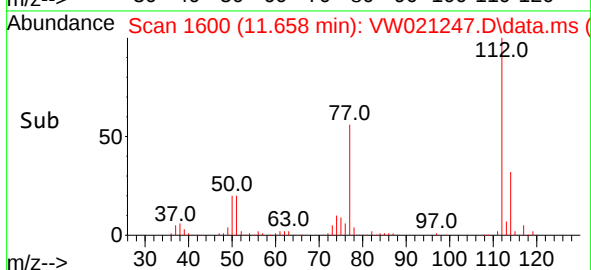
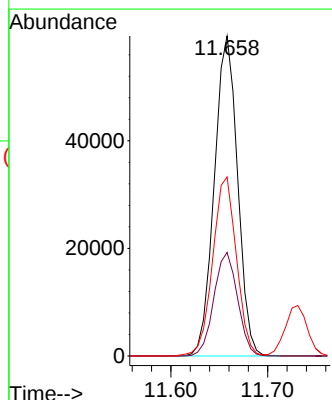
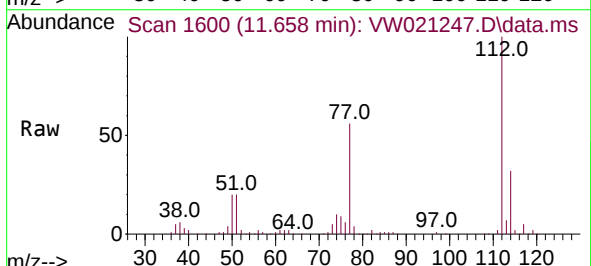
RT: 11.658 min Scan# 1600

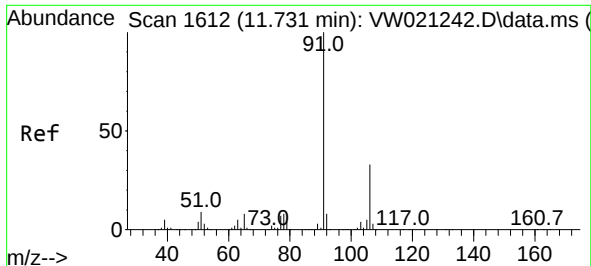
Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Tgt Ion:112	Resp:	99337
Ion Ratio	Lower	Upper
112	100	
114	32.4	22.4 41.6
77	55.9	50.2 75.4

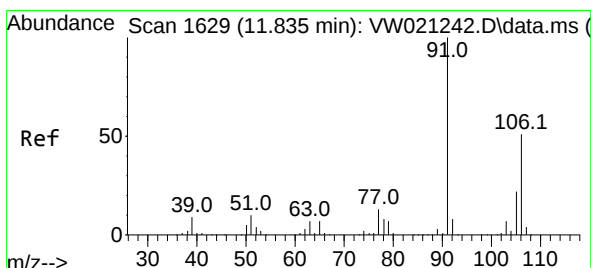
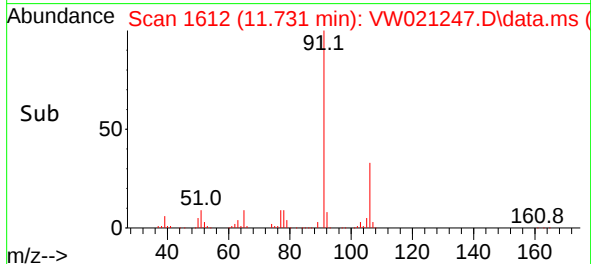
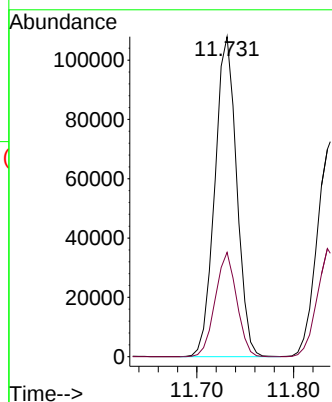
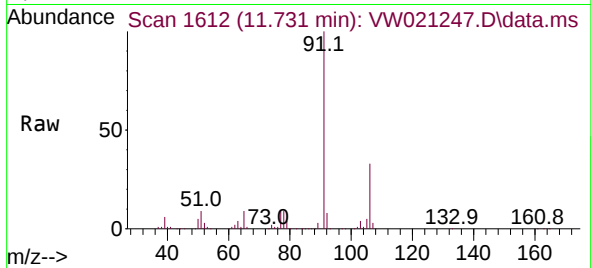




#52
Ethylbenzene
Concen: 21.436 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

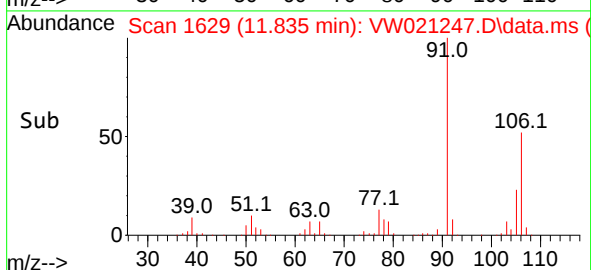
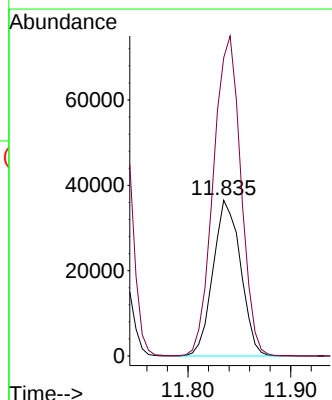
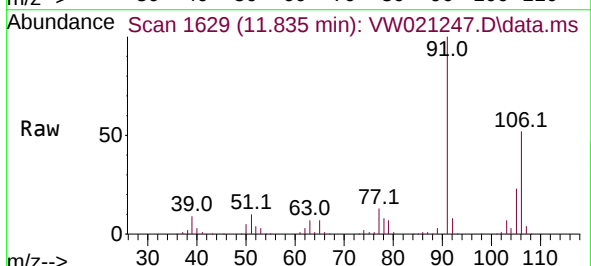
Instrument :
MSVOA_W
ClientSampleId :

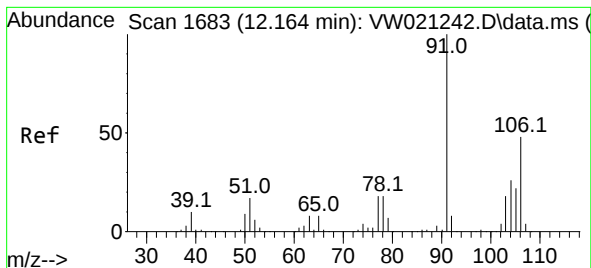
Tgt Ion: 91 Resp: 169023
Ion Ratio Lower Upper
91 100
106 32.6 21.5 39.9



#53
m,p-Xylene
Concen: 21.348 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion:106 Resp: 67903
Ion Ratio Lower Upper
106 100
91 191.6 149.9 278.3





#54

o-Xylene

Concen: 22.620 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

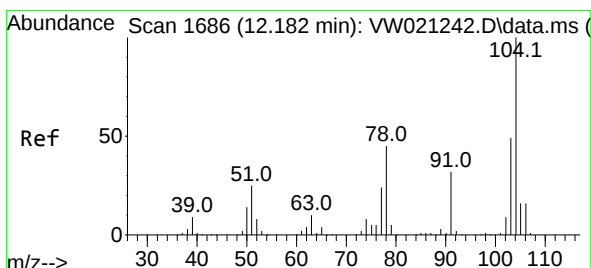
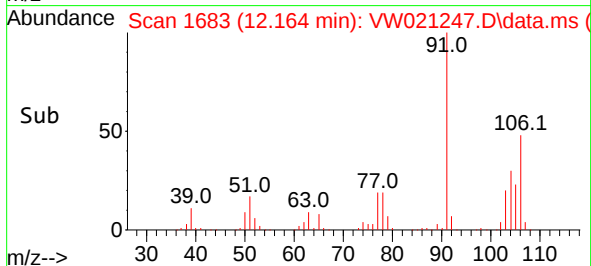
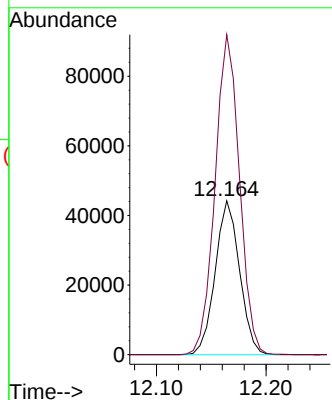
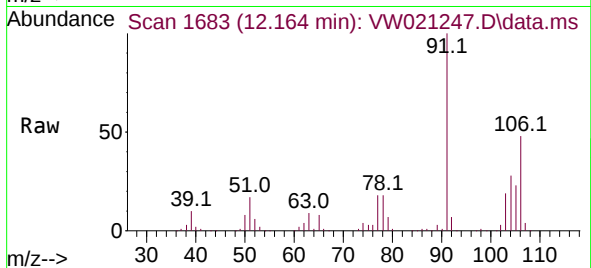
ClientSampleId :

Tgt Ion:106 Resp: 68283

Ion Ratio Lower Upper

106 100

91 208.0 153.6 285.3



#55

Styrene

Concen: 23.002 ug/L

RT: 12.182 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW021247.D

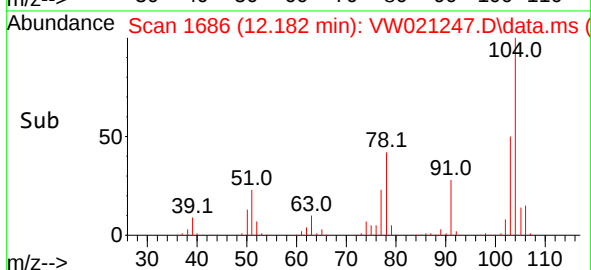
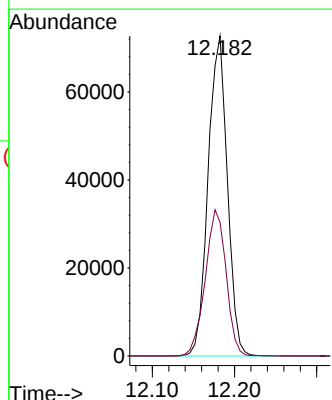
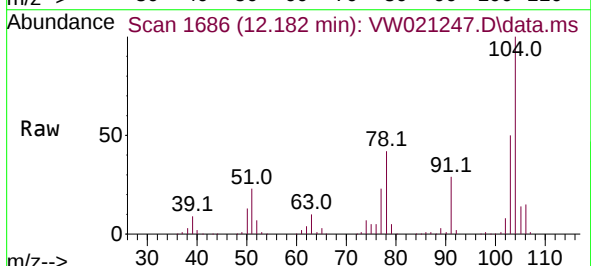
Acq: 09 Dec 2021 17:00

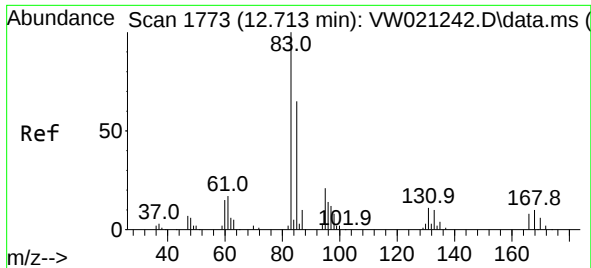
Tgt Ion:104 Resp: 118175

Ion Ratio Lower Upper

104 100

78 41.8 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 23.779 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021247.D

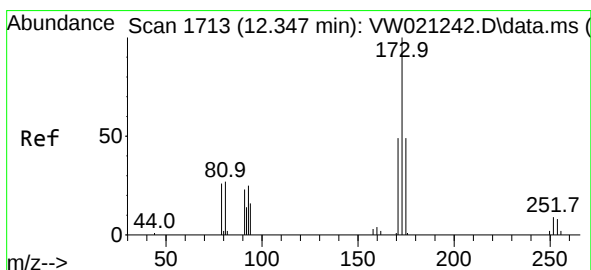
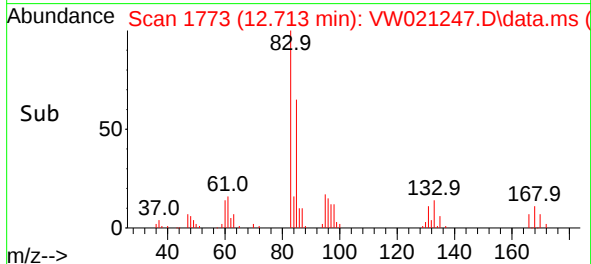
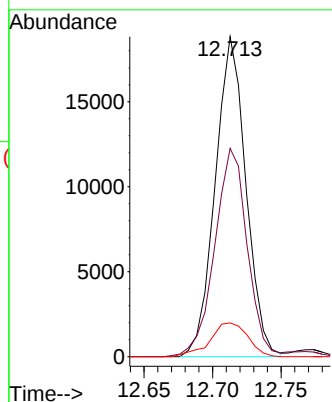
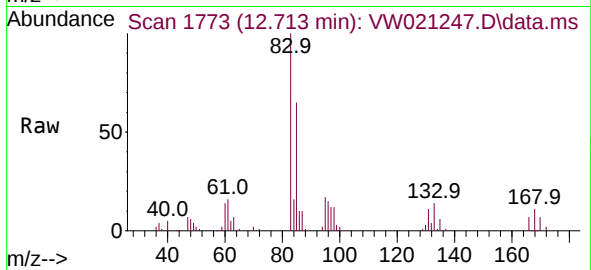
Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	29360
Ion Ratio	Lower	Upper	
83	100		
85	65.1	44.0	81.6
131	10.5	6.9	10.3



#59

Bromoform

Concen: 24.034 ug/L

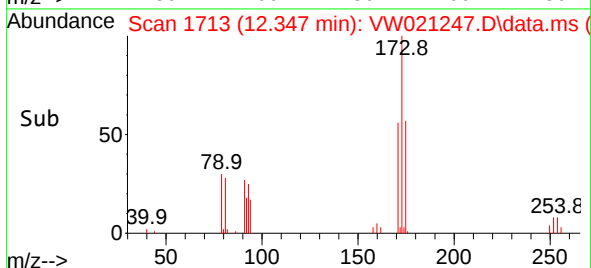
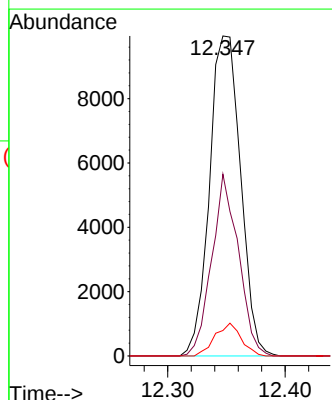
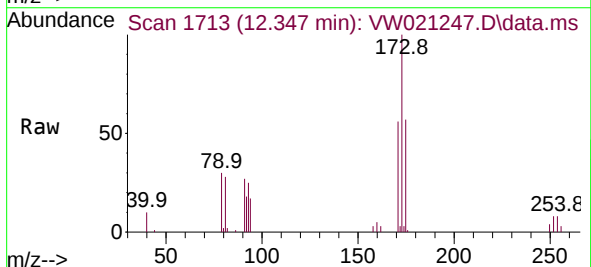
RT: 12.347 min Scan# 1713

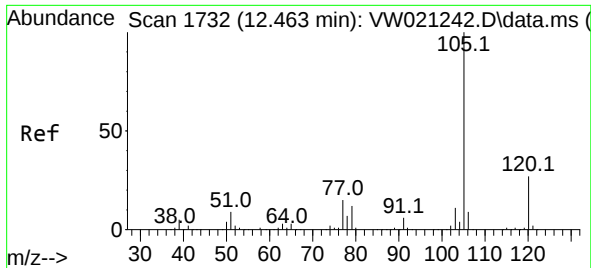
Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Tgt Ion:	173	Resp:	18286
Ion Ratio	Lower	Upper	
173	100		
175	48.9	39.6	59.4
254	8.6	7.4	11.0

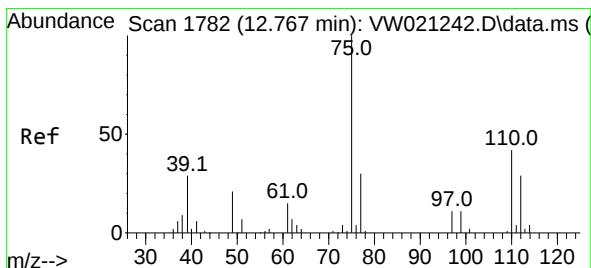
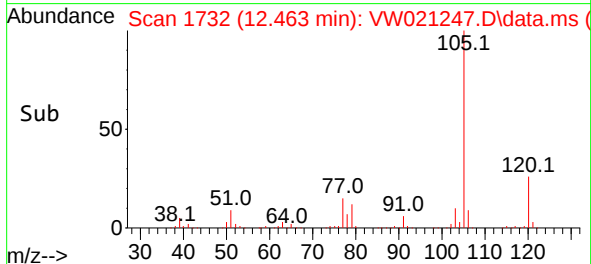
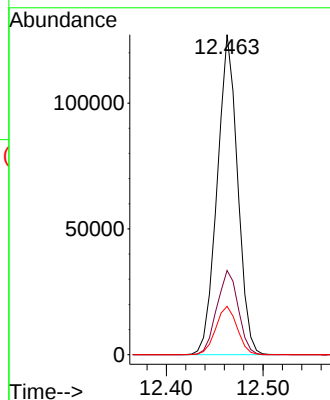
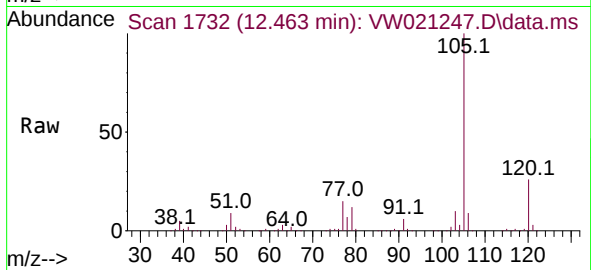




#60
Isopropylbenzene
Concen: 21.451 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

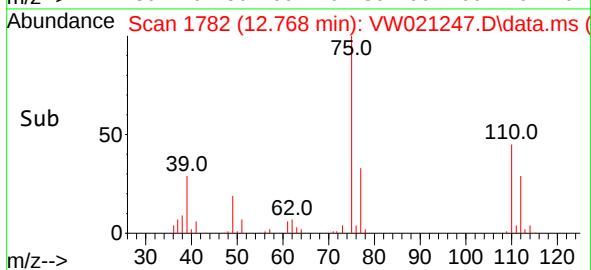
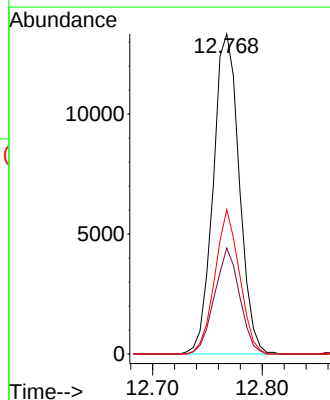
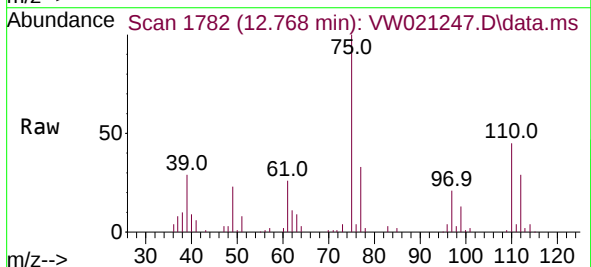
Instrument :
MSVOA_W
ClientSampleId :

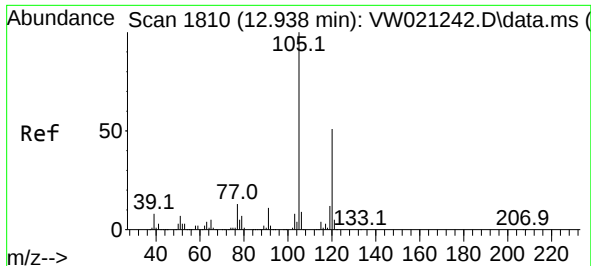
Tgt Ion:105 Resp: 186386
Ion Ratio Lower Upper
105 100
120 27.5 20.1 30.1
77 15.8 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 23.633 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 75 Resp: 21994
Ion Ratio Lower Upper
75 100
77 32.0 25.8 38.8
110 42.8 29.0 43.4





#62

1,3,5-Trimethylbenzene

Concen: 21.587 ug/L

RT: 12.944 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

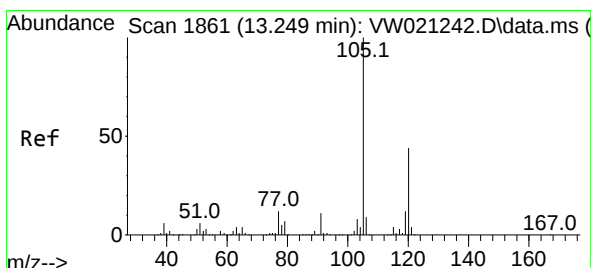
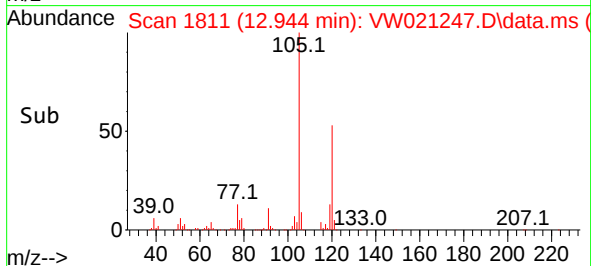
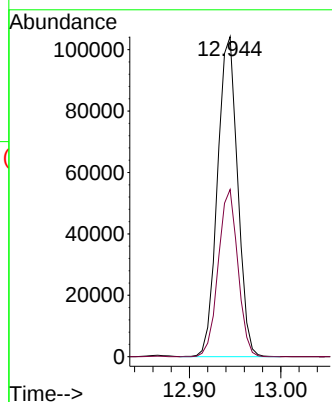
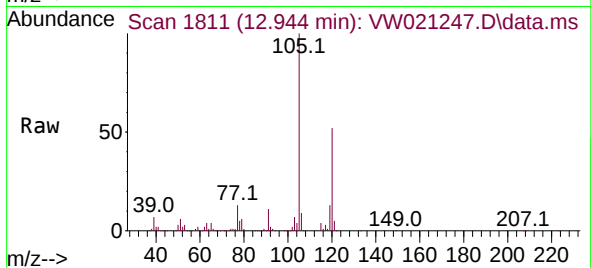
ClientSampleId :

Tgt Ion:105 Resp: 159606

Ion Ratio Lower Upper

105 100

120 50.8 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 21.522 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021247.D

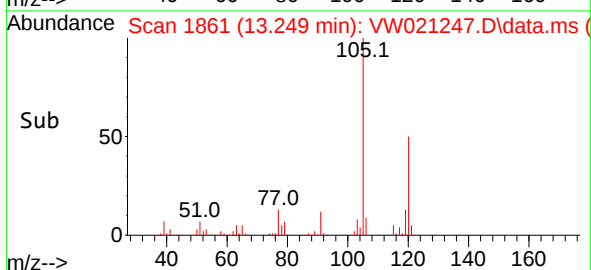
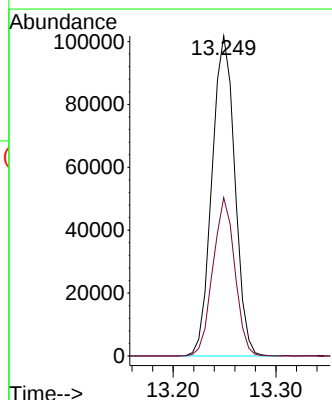
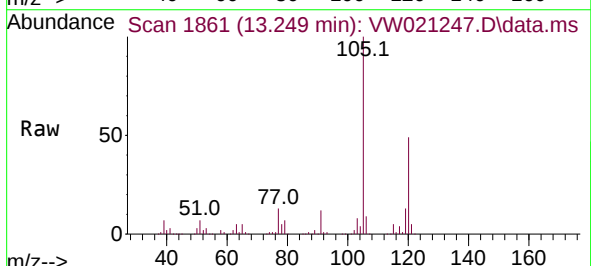
Acq: 09 Dec 2021 17:00

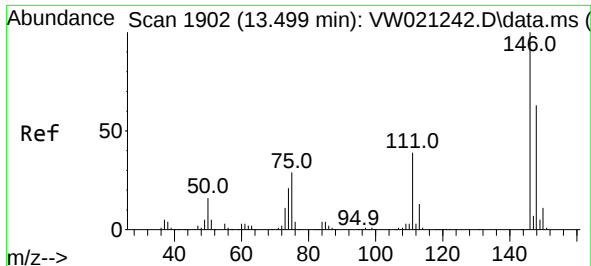
Tgt Ion:105 Resp: 156976

Ion Ratio Lower Upper

105 100

120 47.4 35.0 52.6

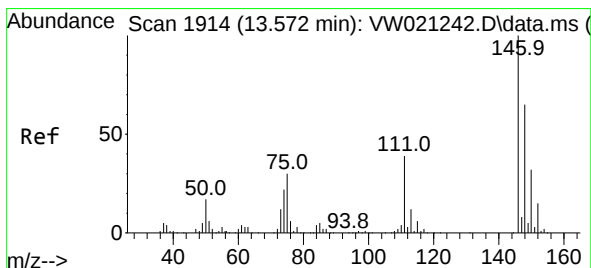
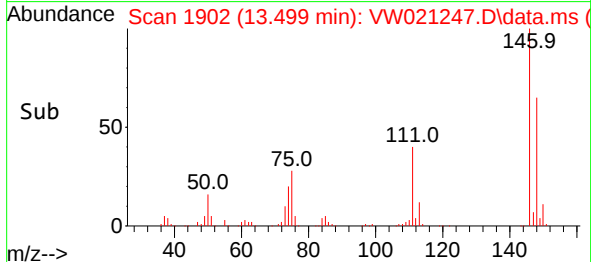
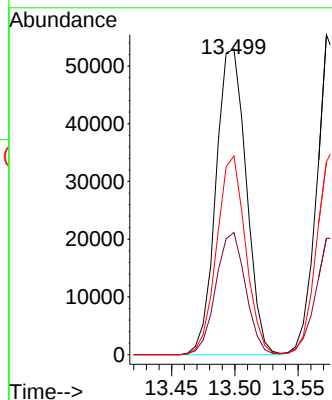
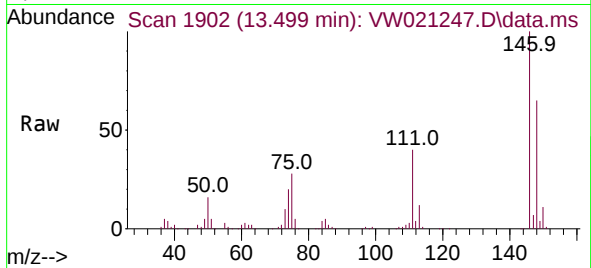




#64
1,3-Dichlorobenzene
Concen: 21.510 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

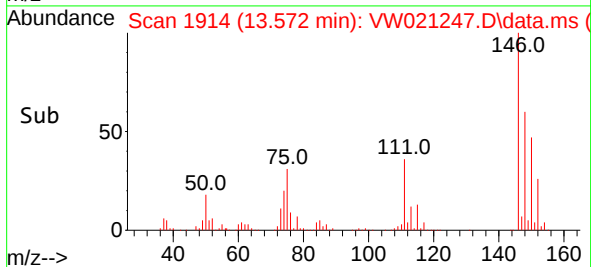
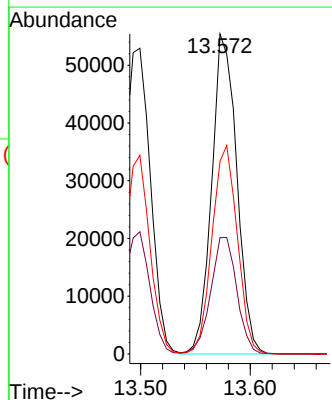
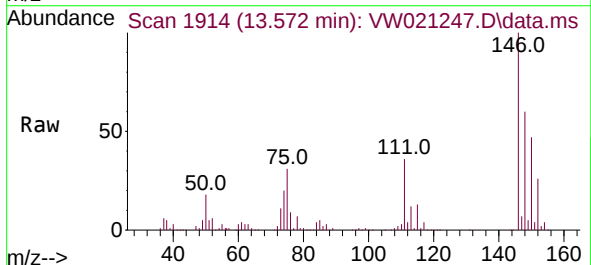
Instrument :
MSVOA_W
ClientSampleId :

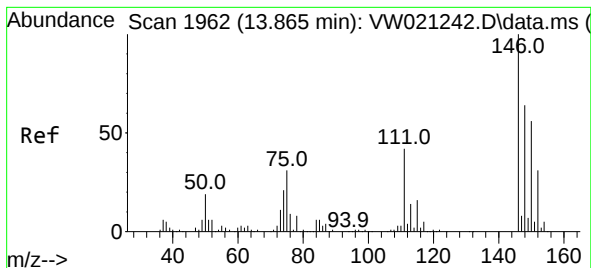
Tgt Ion:146 Resp: 88155
Ion Ratio Lower Upper
146 100
111 40.0 29.8 55.3
148 65.0 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 21.651 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion:146 Resp: 88158
Ion Ratio Lower Upper
146 100
111 36.3 29.0 53.9
148 60.3 46.9 87.1

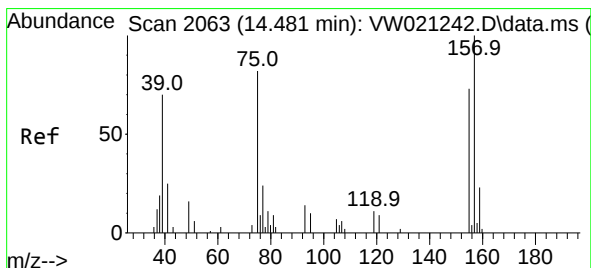
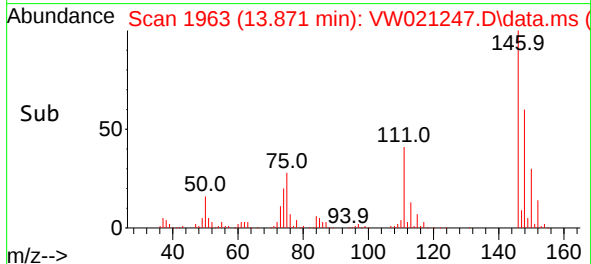
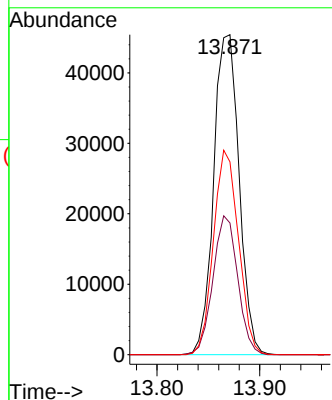
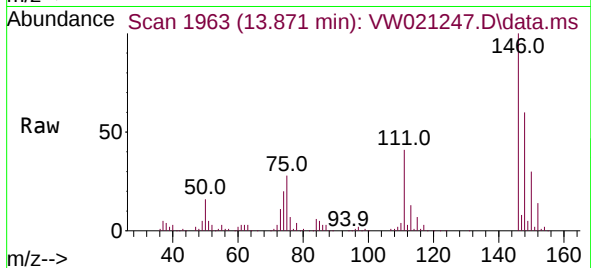




#67
1,2-Dichlorobenzene
Concen: 21.632 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

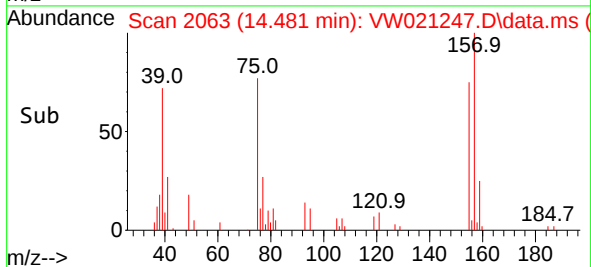
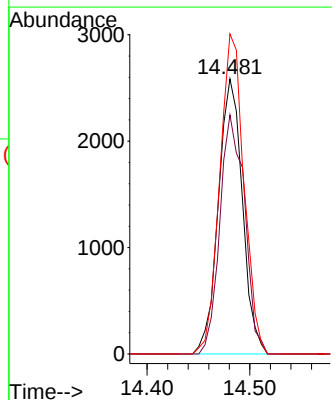
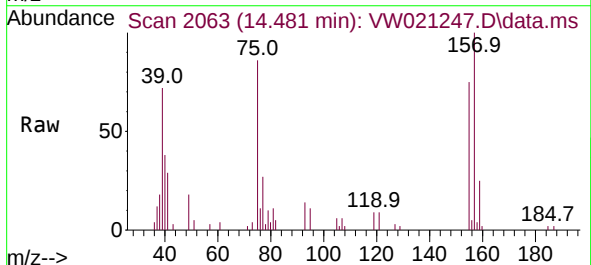
Instrument :
MSVOA_W
ClientSampleId :

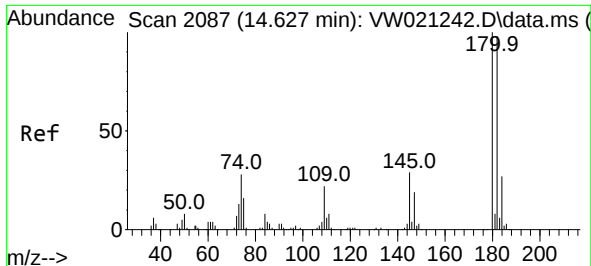
Tgt Ion:146 Resp: 78049
Ion Ratio Lower Upper
146 100
111 41.2 33.1 49.7
148 60.3 47.4 71.2



#68
1,2-Dibromo-3-chloropropane
Concen: 21.828 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW021247.D
Acq: 09 Dec 2021 17:00

Tgt Ion: 75 Resp: 4190
Ion Ratio Lower Upper
75 100
155 86.9 54.2 81.2#
157 116.4 69.4 104.2#





#69

1,3,5-Trichlorobenzene

Concen: 20.140 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. 0.000 min

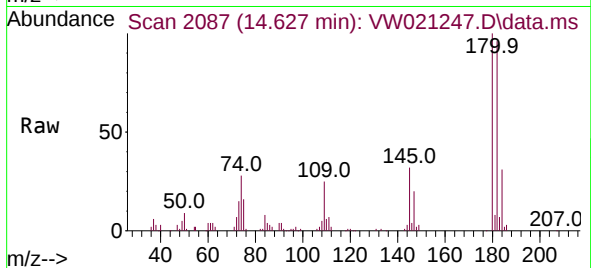
Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 61692

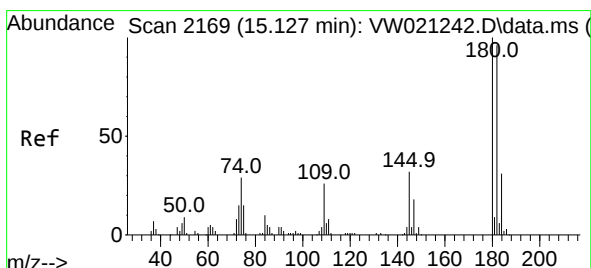
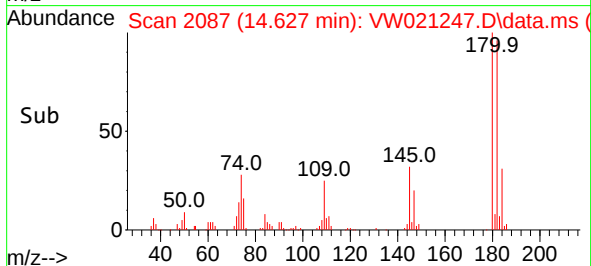
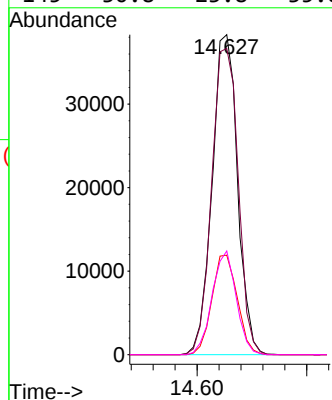
Ion Ratio Lower Upper

180 100

182 99.6 75.4 113.0

184 31.2 23.8 35.8

145 30.8 23.8 35.8



#70

1,2,4-trichlorobenzene

Concen: 19.638 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

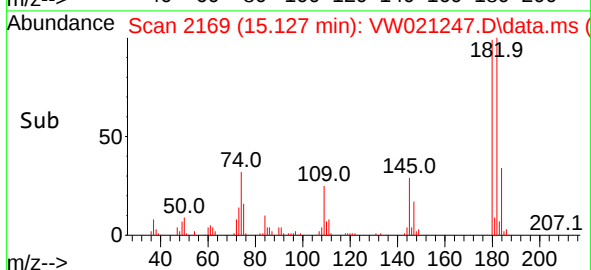
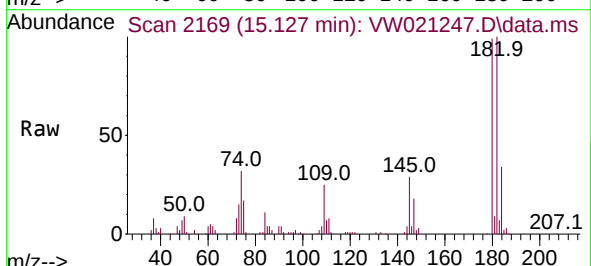
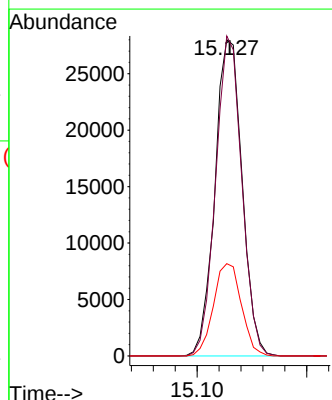
Tgt Ion:180 Resp: 48383

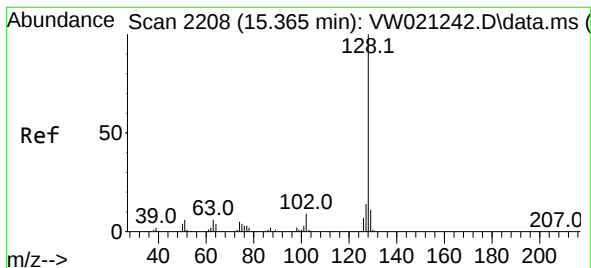
Ion Ratio Lower Upper

180 100

182 96.9 79.0 118.6

145 29.9 26.0 39.0





#71

Naphthalene

Concen: 21.100 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW021247.D

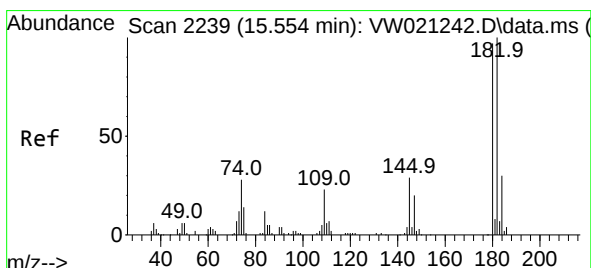
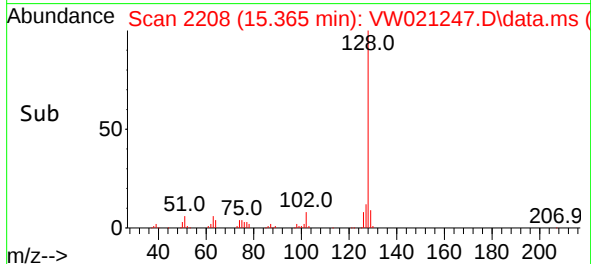
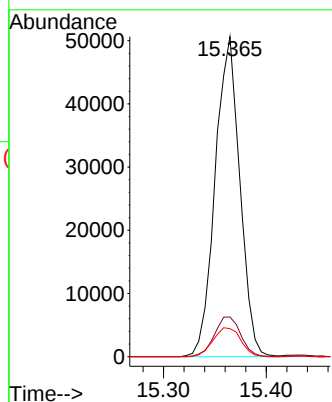
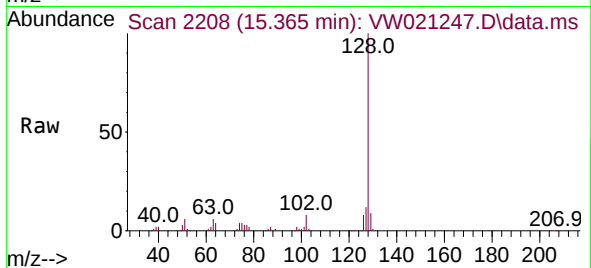
Acq: 09 Dec 2021 17:00

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:128	Resp:	84457
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.7 16.1
129	10.2	8.6 12.8



#72

1,2,3-Trichlorobenzene

Concen: 20.083 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. -0.006 min

Lab File: VW021247.D

Acq: 09 Dec 2021 17:00

Tgt Ion:180	Resp:	40891
Ion Ratio	Lower	Upper
180	100	
182	93.1	76.6 114.8
145	32.5	27.4 41.0

