

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW011122\
 Data File : VW021834.D
 Acq On : 11 Jan 2022 15:30
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jan 12 00:42:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM011122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jan 12 00:38:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	135115	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	134435	25.000	ug/L	# 0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	78746	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	56250	22.399	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.600%
7) Chloroethane-d5	2.885	69	39951	17.617	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.480%
11) 1,1-Dichloroethene-d2	4.026	63	93026	23.463	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.840%
21) 2-Butanone-d5	7.086	46	17577	49.588	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	99.180%
24) Chloroform-d	7.653	84	102086	23.387	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.560%
26) 1,2-Dichloroethane-d4	8.305	65	48080	22.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	91.240%
32) Benzene-d6	8.275	84	206125	23.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	9.275	67	52533	22.849	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	91.400%
41) Toluene-d8	10.323	98	204009	23.200	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	10.579	79	22827	23.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.520%
47) 2-Hexanone-d5	10.927	63	15973	51.199	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.400%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	40596	22.580	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	13.853	152	77312	23.877	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.520%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	13918	26.129	ug/L	99
3) Chloromethane	2.215	50	41846	21.668	ug/L	97
5) Vinyl chloride	2.361	62	58839	21.208	ug/L	98
6) Bromomethane	2.782	94	38015	19.379	ug/L	98
8) Chloroethane	2.922	64	31168	18.589	ug/L	98
9) Trichlorofluoromethane	3.263	101	44308	21.491	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	52120	23.225	ug/L	88
12) 1,1-Dichloroethene	4.044	96	47673	23.638	ug/L	73
13) Acetone	4.129	43	13007	44.415	ug/L	85
14) Carbon disulfide	4.385	76	126408	23.940	ug/L	99
15) Methyl Acetate	4.678	43	13850	23.400	ug/L	# 84
16) Methylene chloride	4.922	84	49044	21.209	ug/L	# 72
17) trans-1,2-Dichloroethene	5.428	96	52475	24.079	ug/L	78
18) Methyl tert-butyl Ether	5.434	73	67505	24.291	ug/L	# 90
19) 1,1-Dichloroethane	6.220	63	76938	24.074	ug/L	96
20) cis-1,2-Dichloroethene	7.171	96	54451	24.289	ug/L	66
22) 2-Butanone	7.177	43	18046	48.209	ug/L	77
23) Bromochloromethane	7.519	128	26718	23.952	ug/L	# 59
25) Chloroform	7.677	83	89819	23.753	ug/L	100

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 Response via : Initial Calibration

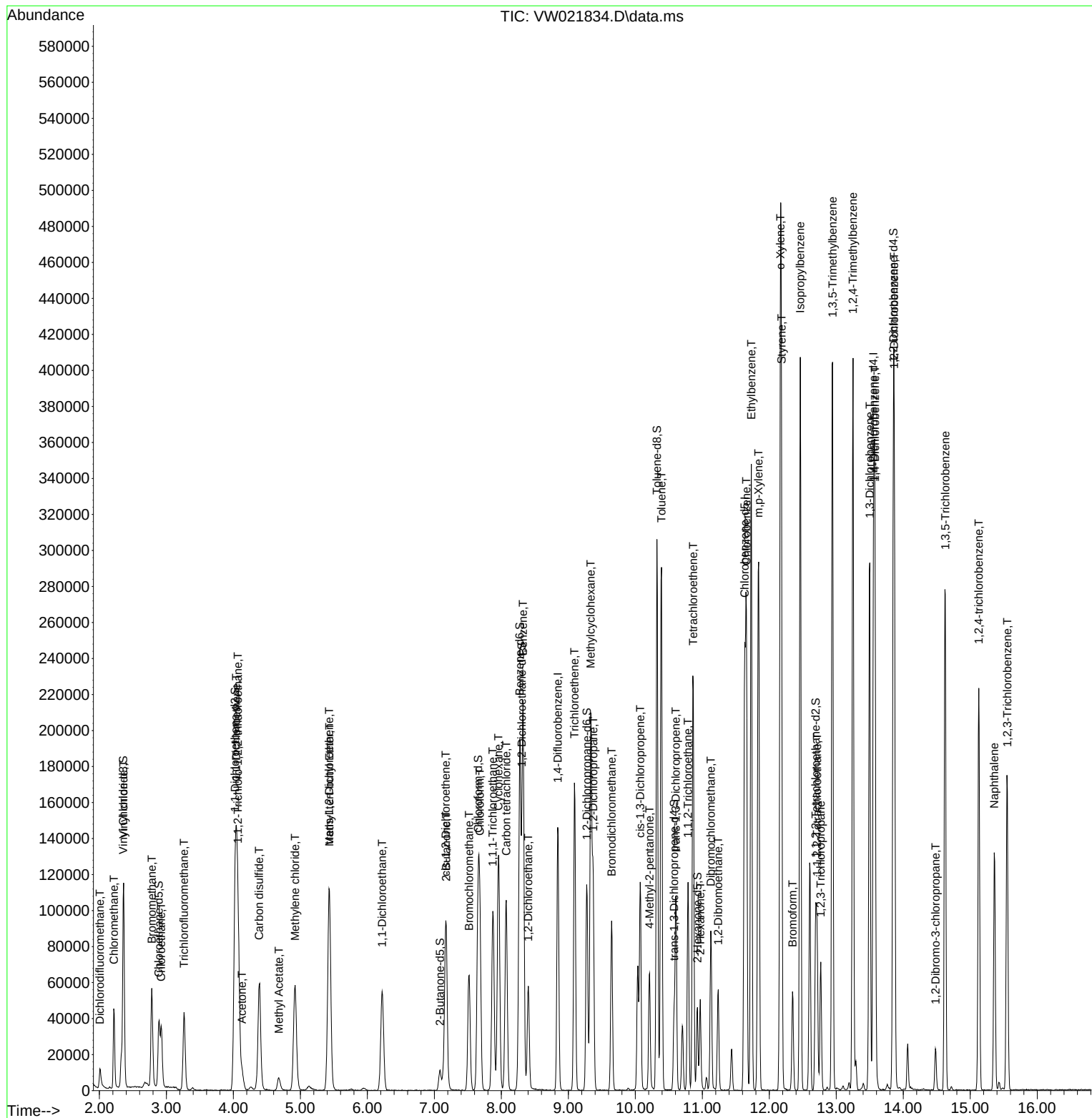
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	51026	23.302	ug/L #	94
29) Cyclohexane	7.958	56	70752	23.525	ug/L #	74
30) 1,1,1-Trichloroethane	7.872	97	84168	24.154	ug/L #	91
31) Carbon tetrachloride	8.074	117	82586	24.457	ug/L	99
33) Benzene	8.324	78	191678	23.252	ug/L	100
34) Trichloroethene	9.092	95	57025	23.844	ug/L	86
35) Methylcyclohexane	9.336	83	93313	23.726	ug/L #	81
37) 1,2-Dichloropropane	9.372	63	41479	23.097	ug/L #	94
38) Bromodichloromethane	9.646	83	61007	24.335	ug/L #	97
39) cis-1,3-Dichloropropene	10.073	75	68656	24.604	ug/L	100
40) 4-Methyl-2-pentanone	10.213	43	39087	46.333	ug/L #	84
42) Toluene	10.390	91	223595	24.184	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	58805	25.178	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	35564	23.325	ug/L	94
46) Tetrachloroethene	10.866	164	55670	23.540	ug/L	96
48) 2-Hexanone	10.969	43	28306	49.040	ug/L #	87
49) Dibromochloromethane	11.128	129	47829	24.896	ug/L	91
50) 1,2-Dibromoethane	11.238	107	36866	24.358	ug/L #	94
51) Chlorobenzene	11.658	112	153680	23.542	ug/L	90
52) Ethylbenzene	11.731	91	249322	24.275	ug/L	93
53) m,p-Xylene	11.841	106	105484	24.561	ug/L	81
54) o-Xylene	12.164	106	98834	24.789	ug/L	83
55) Styrene	12.183	104	161409	24.521	ug/L	86
57) 1,1,2,2-Tetrachloroethane	12.713	83	37612	22.927	ug/L #	98
59) Bromoform	12.347	173	26281	24.479	ug/L	99
60) Isopropylbenzene	12.463	105	269592	25.141	ug/L	94
61) 1,2,3-Trichloropropane	12.768	75	27016	24.007	ug/L #	88
62) 1,3,5-Trimethylbenzene	12.945	105	227615	25.633	ug/L	92
63) 1,2,4-Trimethylbenzene	13.249	105	223754	25.549	ug/L	92
64) 1,3-Dichlorobenzene	13.499	146	132035	24.490	ug/L	90
65) 1,4-Dichlorobenzene	13.579	146	127810	24.010	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	116316	24.641	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5341	24.577	ug/L #	60
69) 1,3,5-Trichlorobenzene	14.627	180	95991	23.955	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	75522	23.653	ug/L	99
71) Naphthalene	15.359	128	120750	24.516	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	64164	24.335	ug/L	96

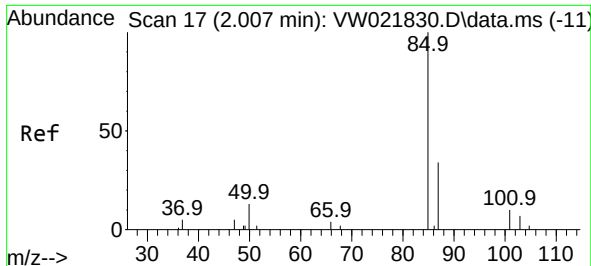
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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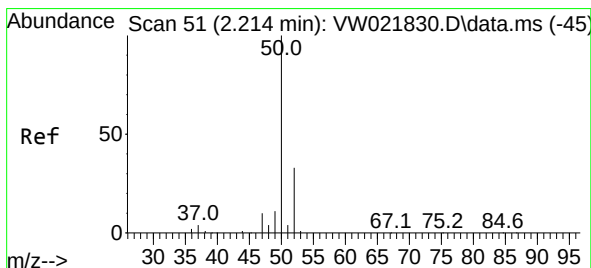
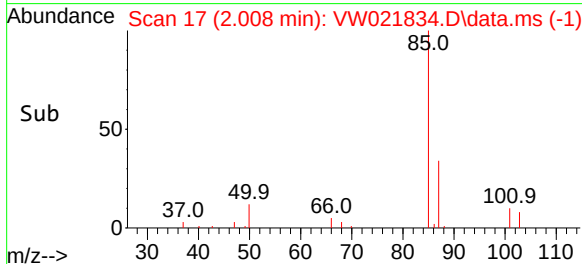
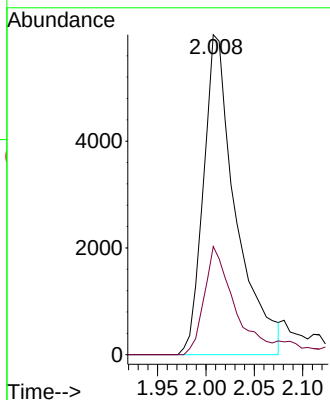
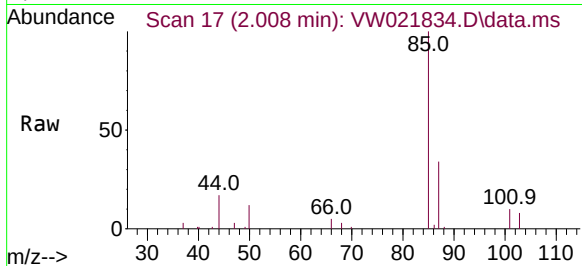




#2
 Dichlorodifluoromethane
 Concen: 26.129 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

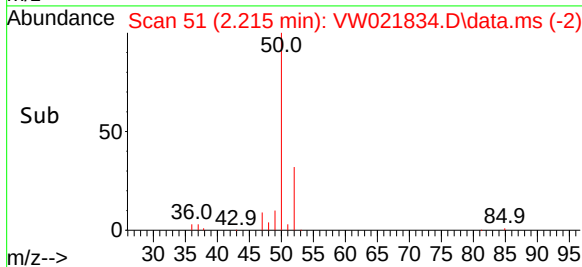
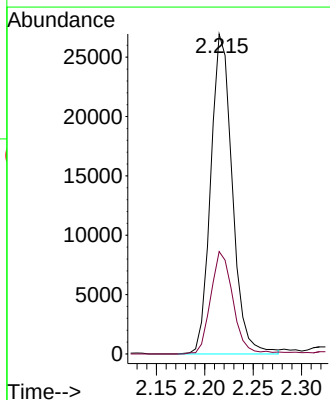
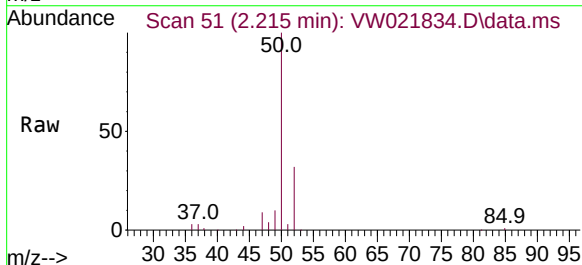
Instrument :
 MSVOA_W
 ClientSampleId :

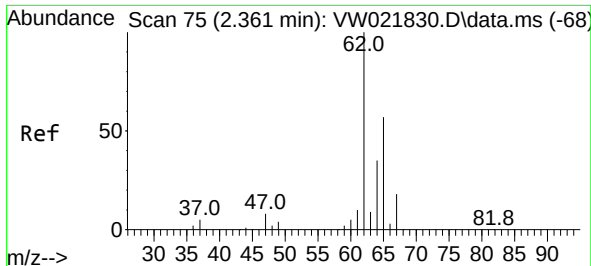
Tgt Ion: 85 Resp: 13918
 Ion Ratio Lower Upper
 85 100
 87 31.6 25.8 38.6



#3
 Chloromethane
 Concen: 21.668 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

Tgt Ion: 50 Resp: 41846
 Ion Ratio Lower Upper
 50 100
 52 32.0 23.4 43.6

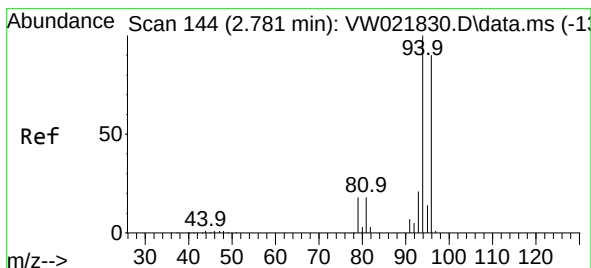
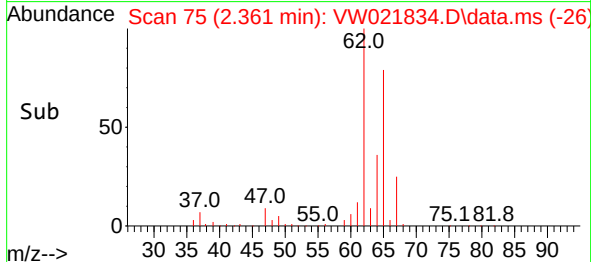
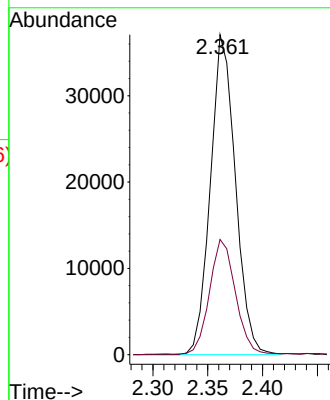
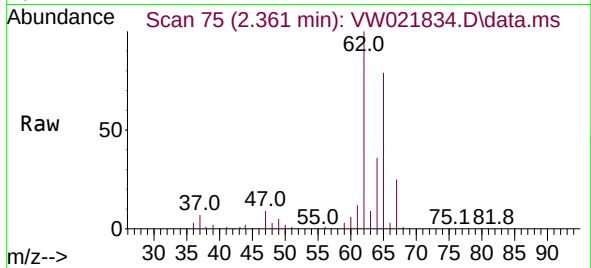




#5
 Vinyl chloride
 Concen: 21.208 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

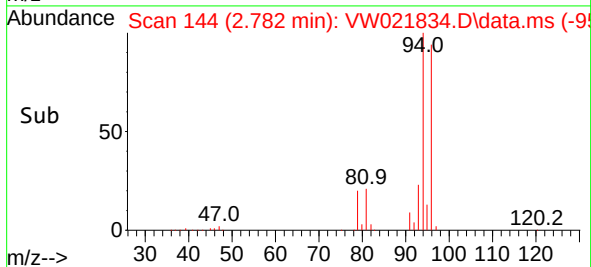
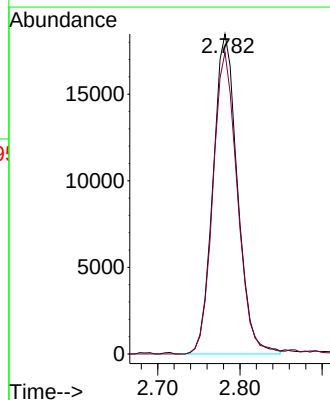
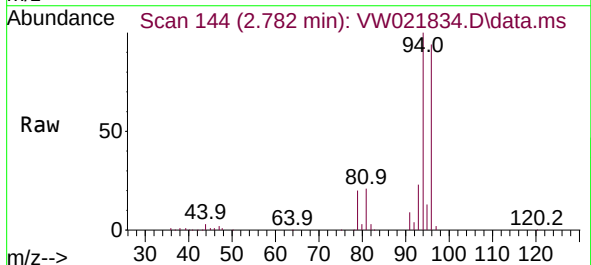
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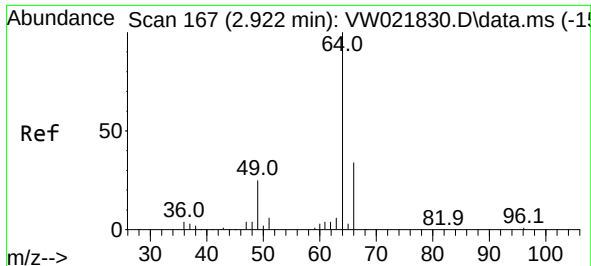
Tgt Ion: 62 Resp: 58839
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.4 45.2



#6
 Bromomethane
 Concen: 19.379 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

Tgt Ion: 94 Resp: 38015
 Ion Ratio Lower Upper
 94 100
 96 94.2 64.8 120.4

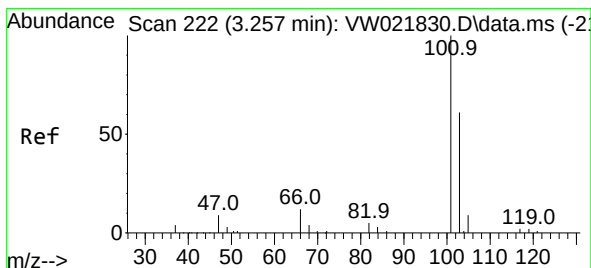
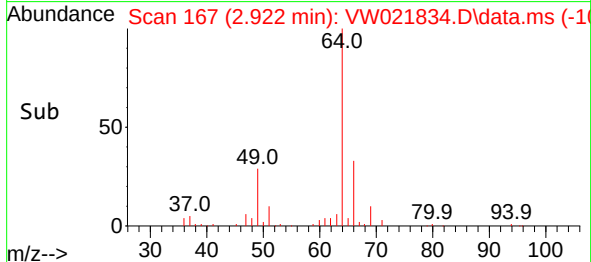
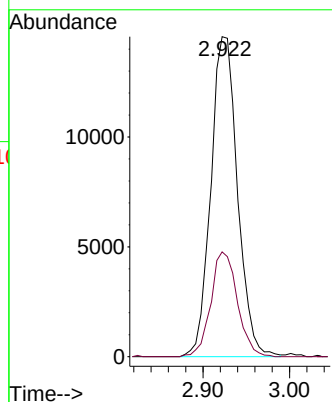
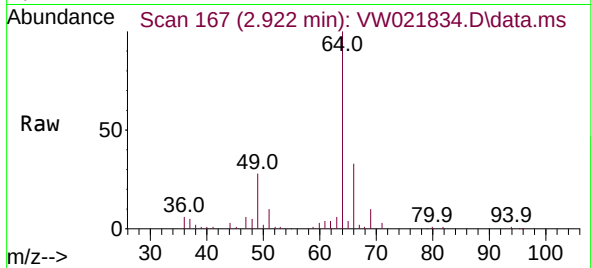




#8
Chloroethane
Concen: 18.589 ug/L
RT: 2.922 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

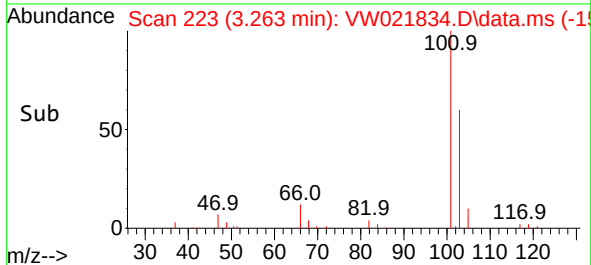
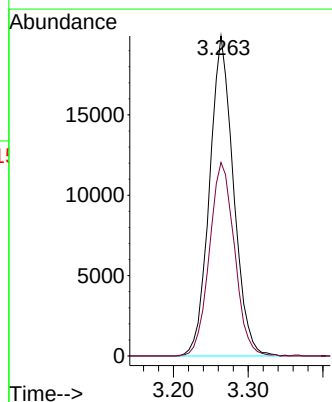
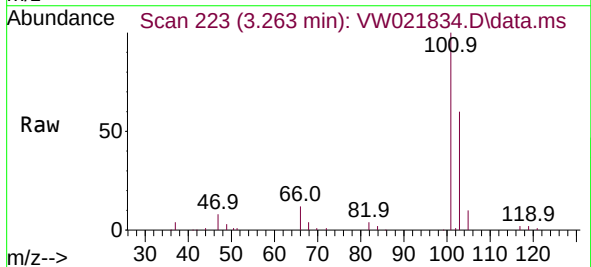
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ClientSampleId :

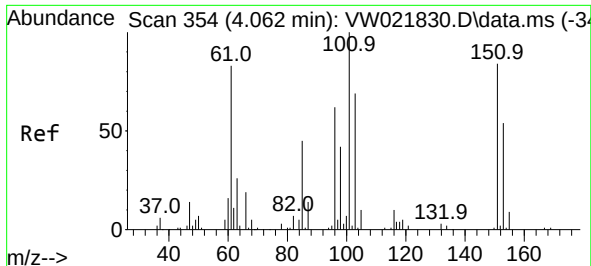
Tgt Ion: 64 Resp: 31168
Ion Ratio Lower Upper
64 100
66 32.8 22.0 40.8



#9
Trichlorofluoromethane
Concen: 21.491 ug/L
RT: 3.263 min Scan# 223
Delta R.T. 0.007 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion:101 Resp: 44308
Ion Ratio Lower Upper
101 100
103 63.3 51.4 77.2

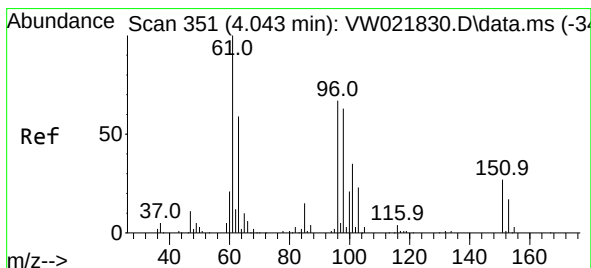
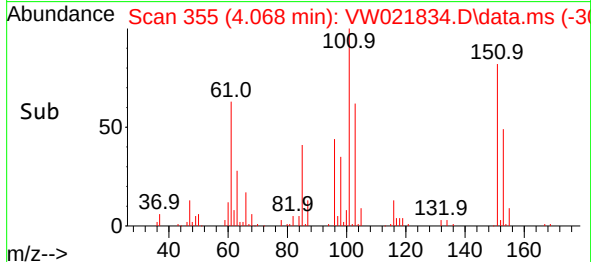
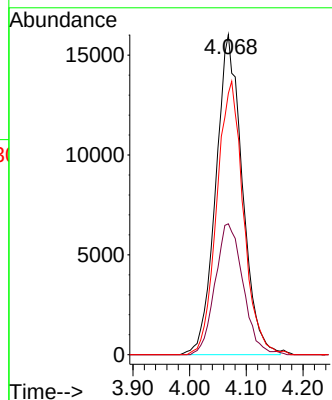
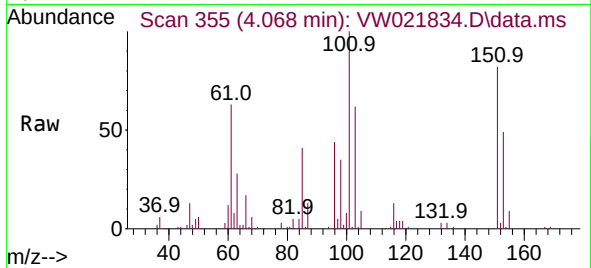




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.225 ug/L
 RT: 4.068 min Scan# 354
 Delta R.T. 0.007 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

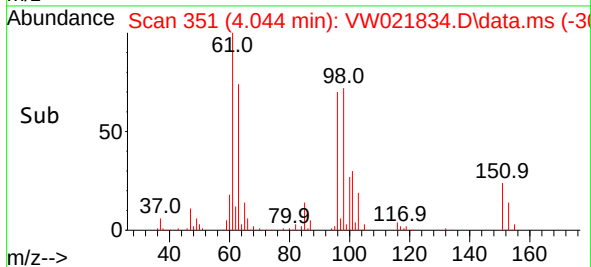
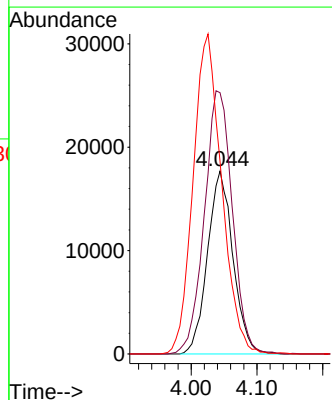
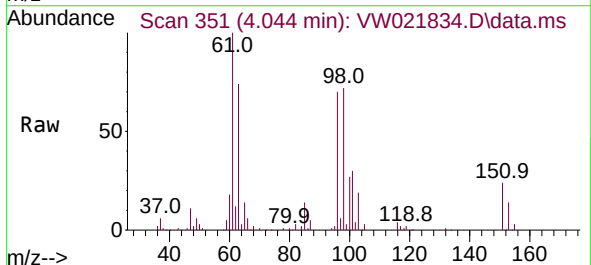
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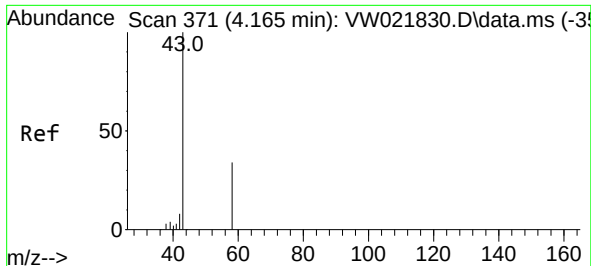
Tgt Ion:101 Resp: 52120
 Ion Ratio Lower Upper
 101 100
 85 42.6 36.6 54.8
 151 85.5 57.4 86.0



#12
 1,1-Dichloroethene
 Concen: 23.638 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

Tgt Ion: 96 Resp: 47673
 Ion Ratio Lower Upper
 96 100
 61 142.9 138.3 256.9
 63 105.2 82.6 153.4

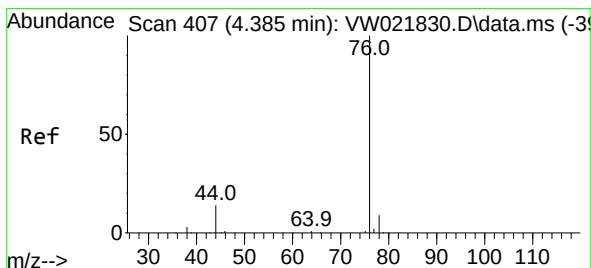
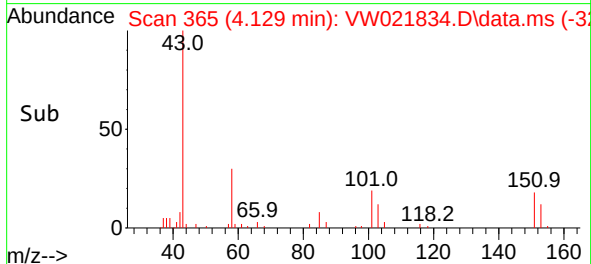
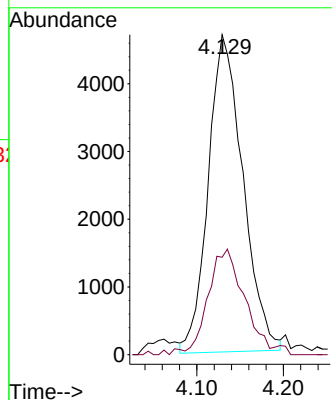
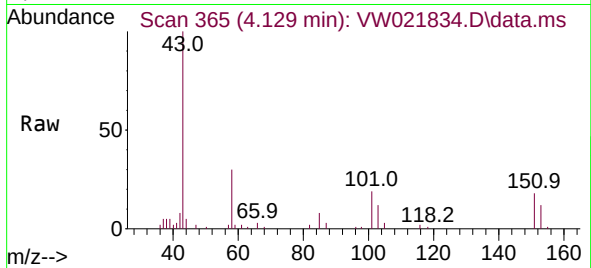




#13
Acetone
Concen: 44.415 ug/L
RT: 4.129 min Scan# 365
Delta R.T. -0.036 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

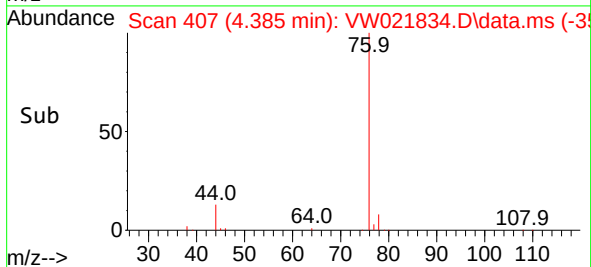
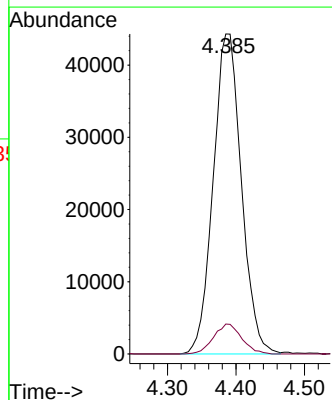
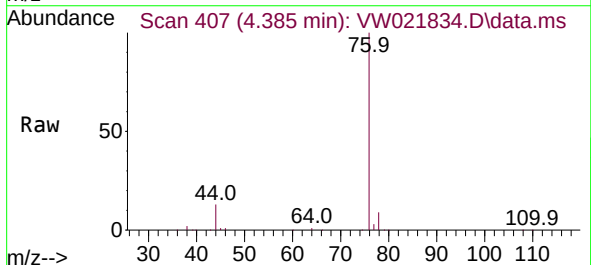
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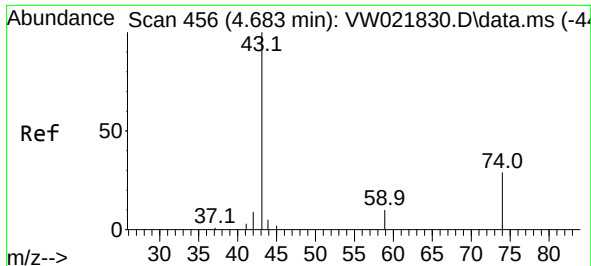
Tgt Ion: 43 Resp: 13007
Ion Ratio Lower Upper
43 100
58 34.1 0.0 52.8



#14
Carbon disulfide
Concen: 23.940 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW021834.D
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Tgt Ion: 76 Resp: 126408
Ion Ratio Lower Upper
76 100
78 9.3 7.1 10.7

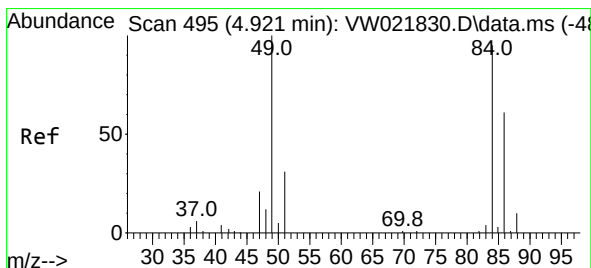
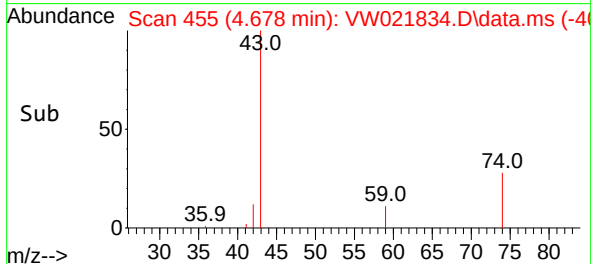
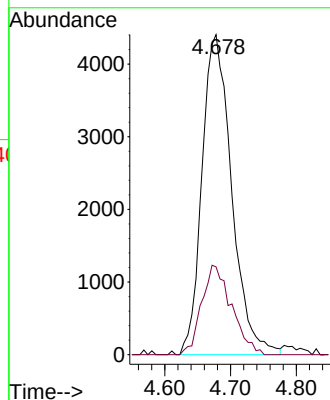
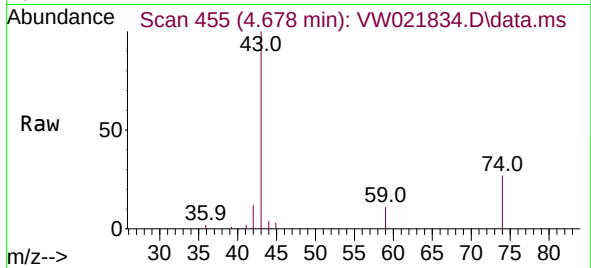




#15
Methyl Acetate
Concen: 23.400 ug/L
RT: 4.678 min Scan# 41
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

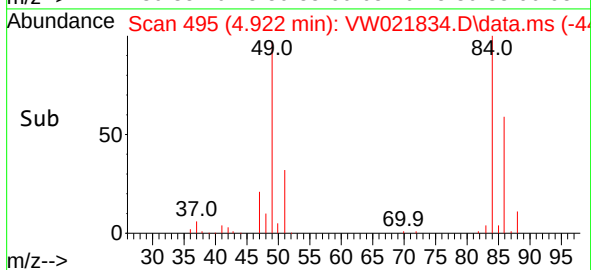
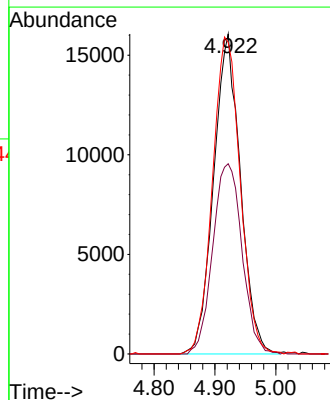
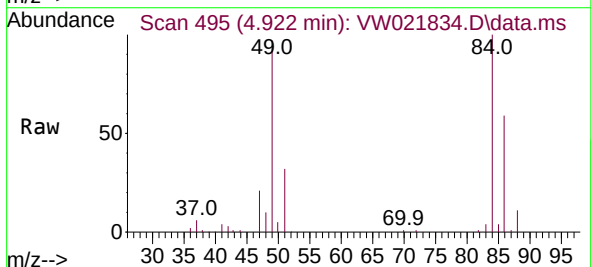
Instrument :
MSVOA_W
ClientSampleId :

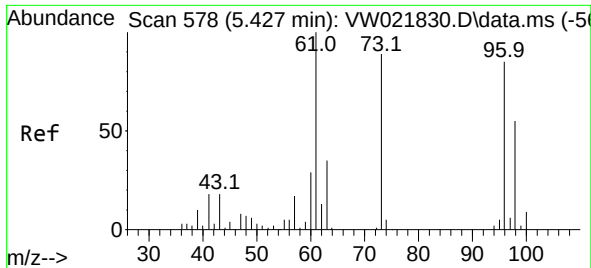
Tgt Ion: 43 Resp: 13850
Ion Ratio Lower Upper
43 100
74 28.1 16.4 24.6#



#16
Methylene chloride
Concen: 21.209 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

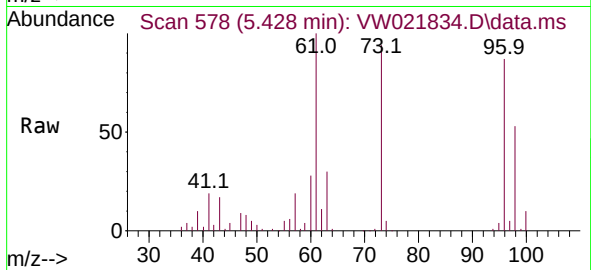
Tgt Ion: 84 Resp: 49044
Ion Ratio Lower Upper
84 100
86 59.5 45.5 84.5
49 97.3 100.5 186.7#





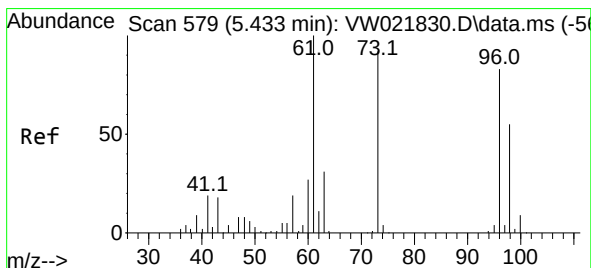
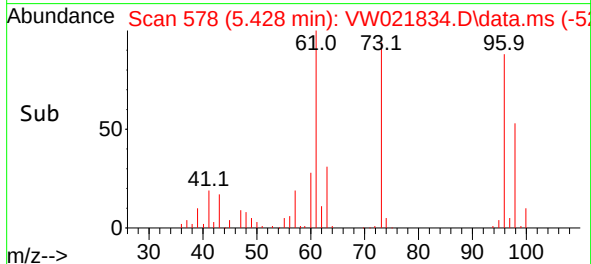
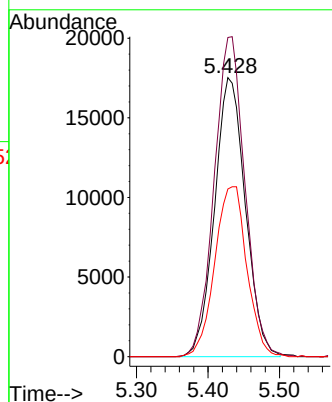
#17
trans-1,2-Dichloroethene
Concen: 24.079 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 52475

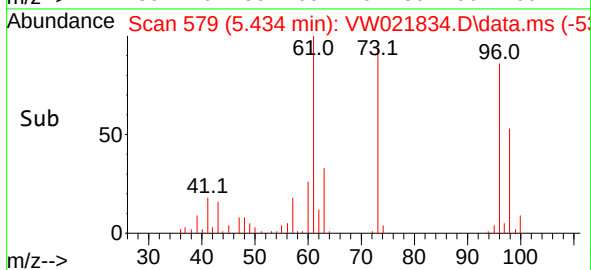
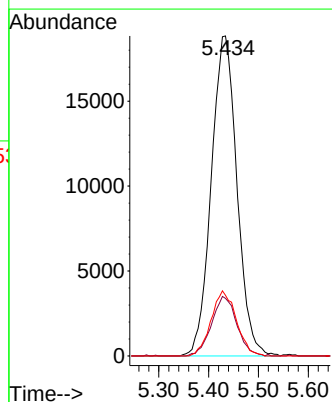
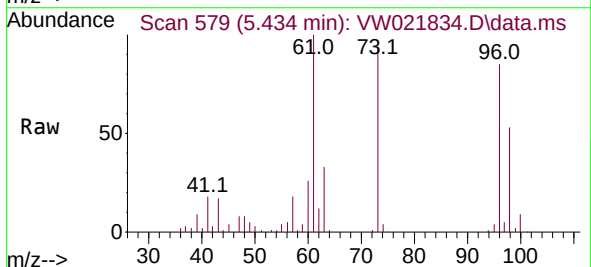
Ion	Ratio	Lower	Upper
96	100		
61	114.4	107.4	199.4
98	60.1	41.2	76.6

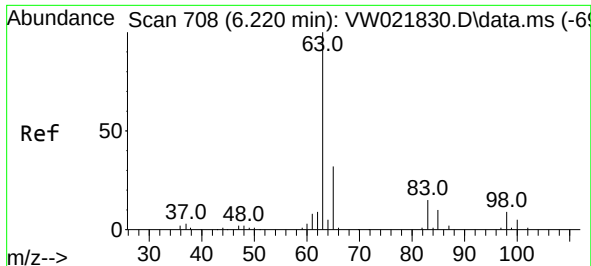


#18
Methyl tert-butyl Ether
Concen: 24.291 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 73 Resp: 67505

Ion	Ratio	Lower	Upper
73	100		
43	18.2	19.5	29.3#
57	20.0	19.3	28.9





#19

1,1-Dichloroethane

Concen: 24.074 ug/L

RT: 6.220 min Scan# 708

Delta R.T. 0.000 min

Lab File: VW021834.D

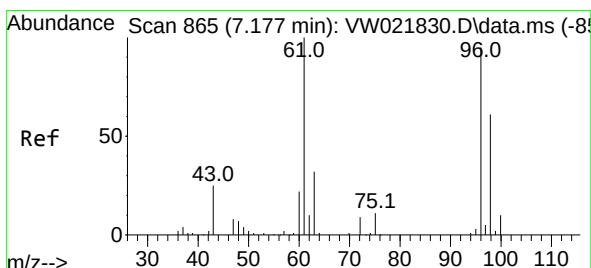
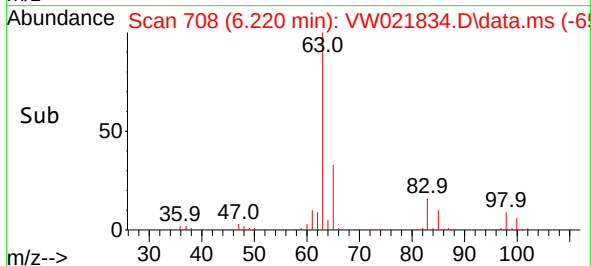
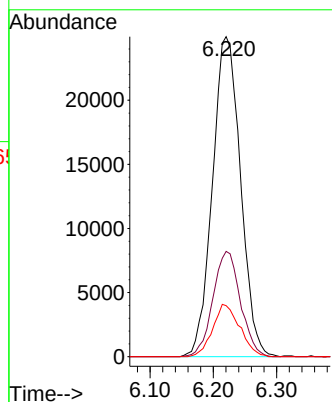
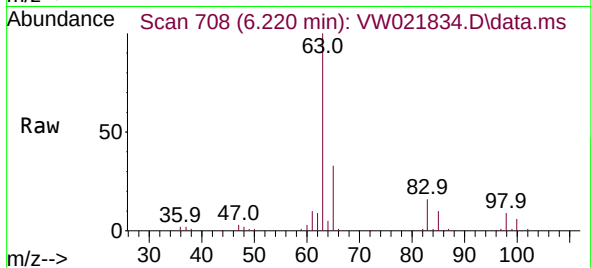
Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 63	Resp: 76938
Ion Ratio	Lower Upper
63 100	
65 32.9	22.1 41.1
83 16.0	9.2 17.2



#20

cis-1,2-Dichloroethene

Concen: 24.289 ug/L

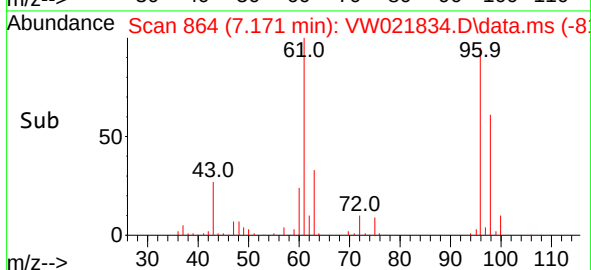
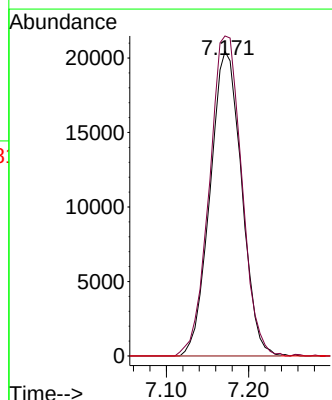
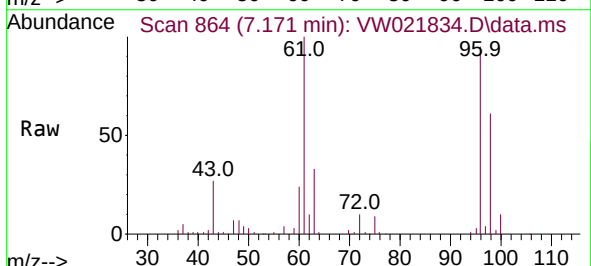
RT: 7.171 min Scan# 864

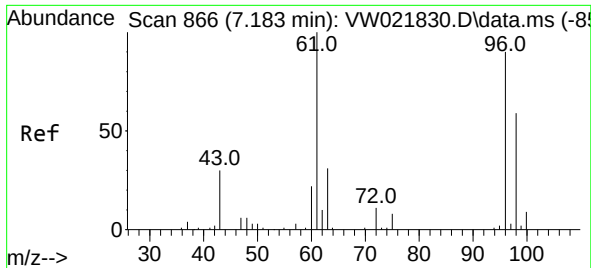
Delta R.T. -0.006 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Tgt Ion: 96	Resp: 54451
Ion Ratio	Lower Upper
96 100	
61 105.1	103.7 192.7
68 0.0	0.0 0.0

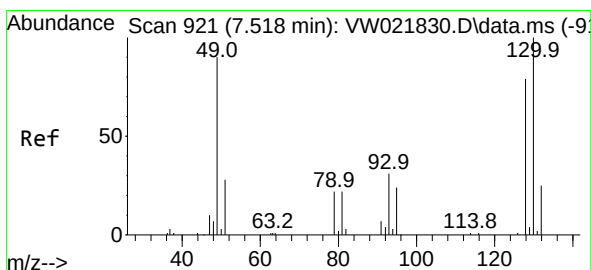
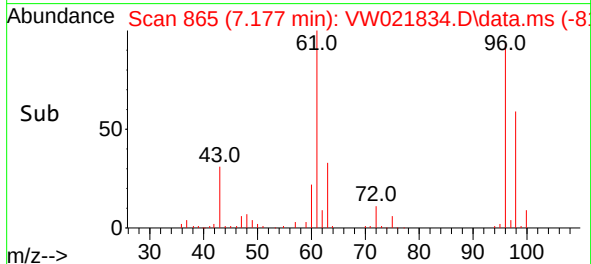
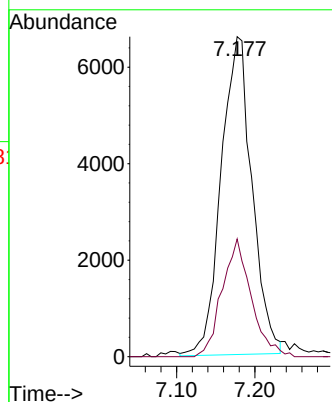
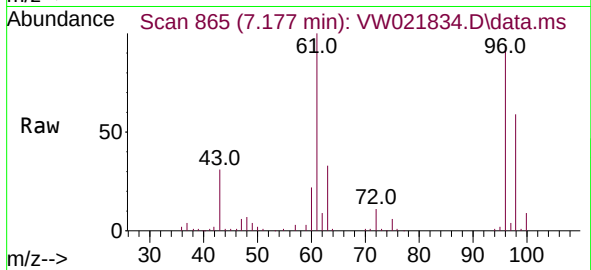




#22
2-Butanone
Concen: 48.209 ug/L
RT: 7.177 min Scan# 865
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

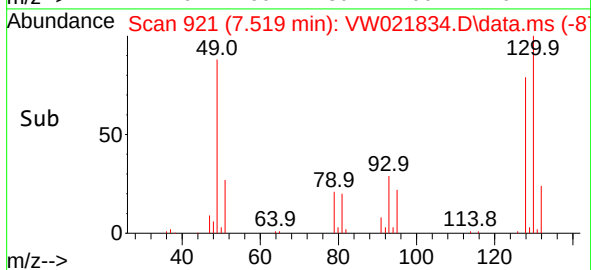
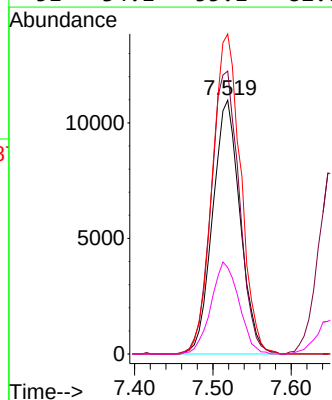
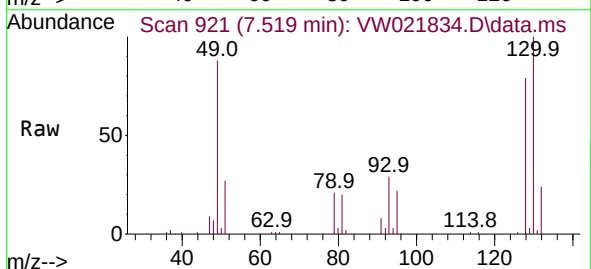
Instrument :
MSVOA_W
ClientSampleId :

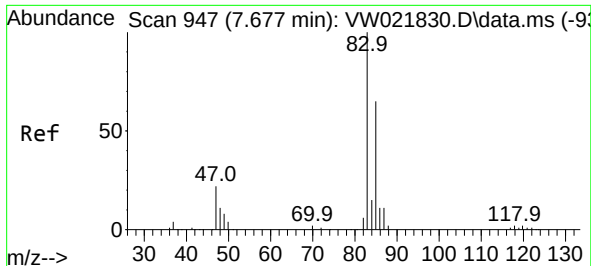
Tgt Ion: 43 Resp: 18046
Ion Ratio Lower Upper
43 100
72 34.9 11.8 35.4



#23
Bromochloromethane
Concen: 23.952 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 128 Resp: 26718
Ion Ratio Lower Upper
128 100
49 111.5 150.3 279.1#
130 126.1 88.3 163.9
51 34.1 55.1 82.7#

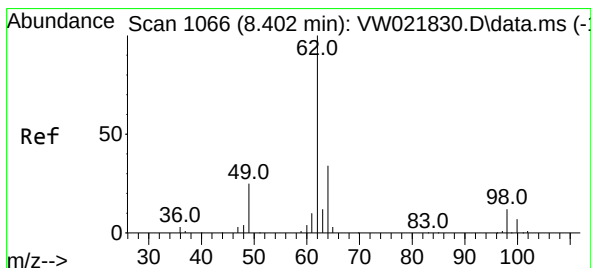
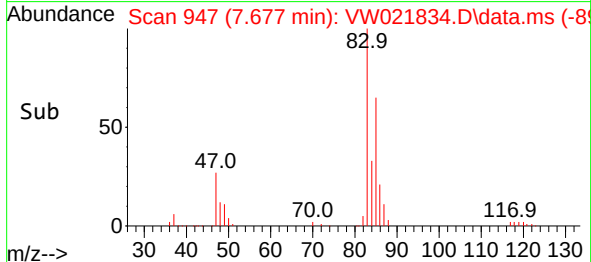
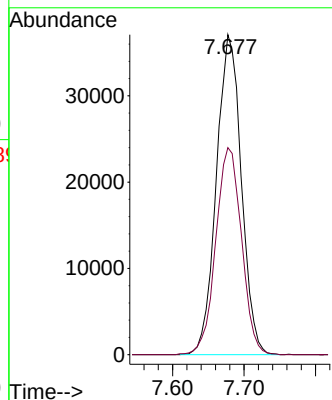
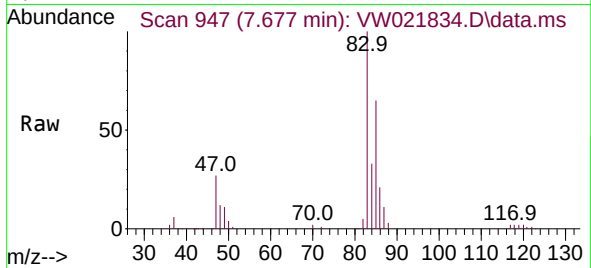




#25
Chloroform
Concen: 23.753 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

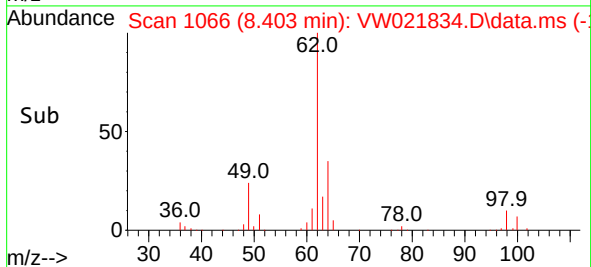
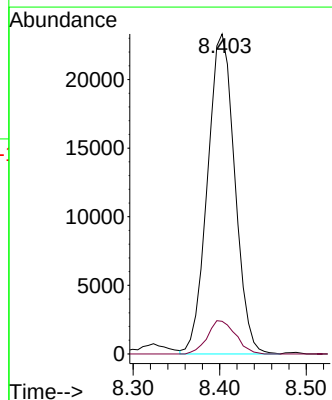
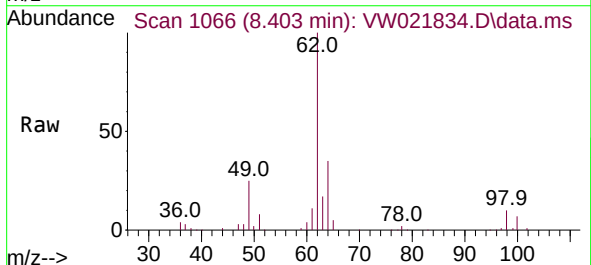
Instrument :
MSVOA_W
ClientSampleId :

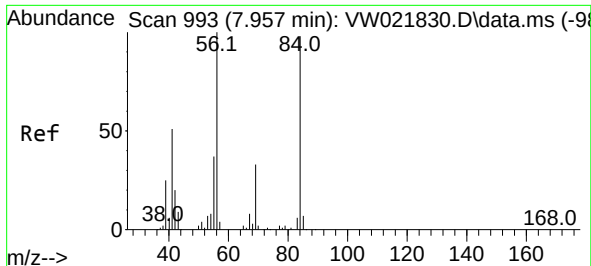
Tgt Ion: 83 Resp: 89819
Ion Ratio Lower Upper
83 100
85 64.7 45.1 83.7



#27
1,2-Dichloroethane
Concen: 23.302 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 62 Resp: 51026
Ion Ratio Lower Upper
62 100
98 10.2 6.5 9.7#





#29

Cyclohexane

Concen: 23.525 ug/L

RT: 7.958 min Scan# 993

Delta R.T. 0.000 min

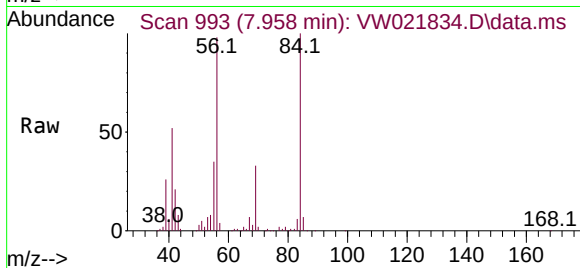
Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

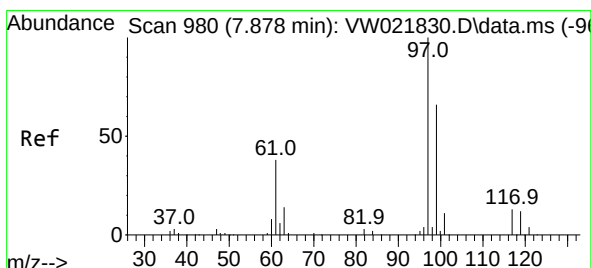
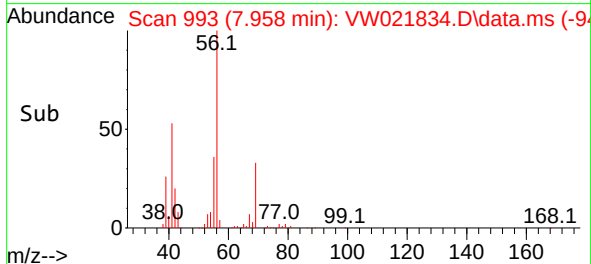
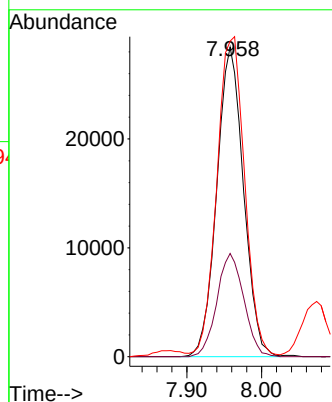
Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:	56	Resp:	70752
Ion Ratio	Lower	Upper	
56	100		
69	33.5	23.5	35.3
84	107.7	63.4	95.2



#30

1,1,1-Trichloroethane

Concen: 24.154 ug/L

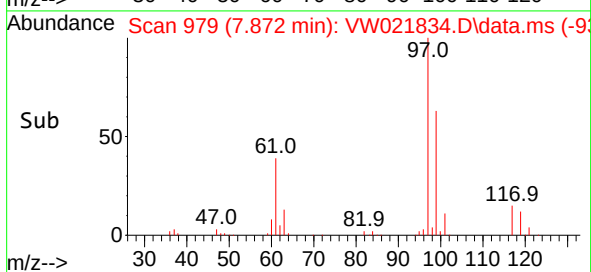
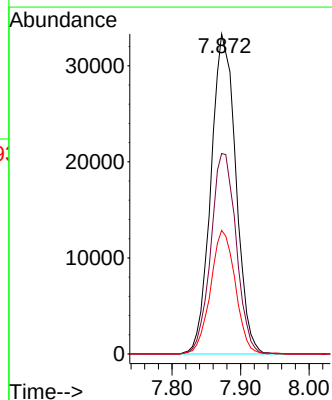
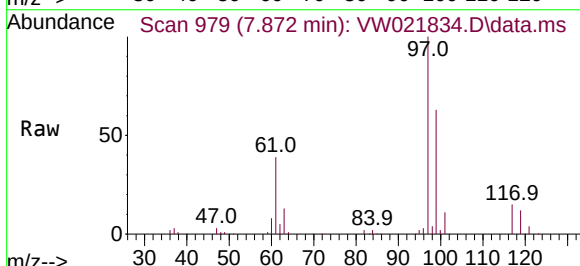
RT: 7.872 min Scan# 979

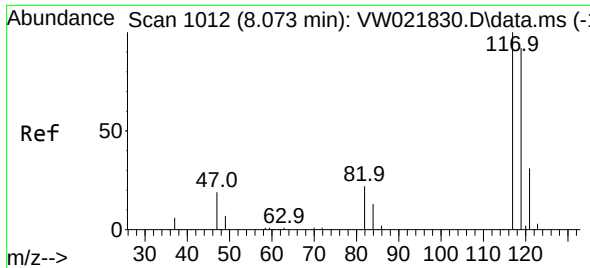
Delta R.T. -0.006 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Tgt Ion:	97	Resp:	84168
Ion Ratio	Lower	Upper	
97	100		
99	63.7	51.6	77.4
61	38.3	40.9	61.3

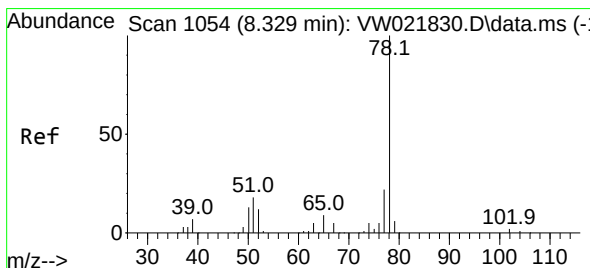
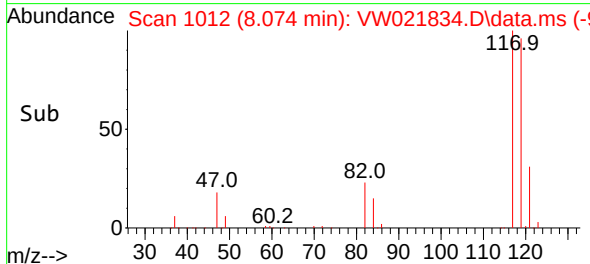
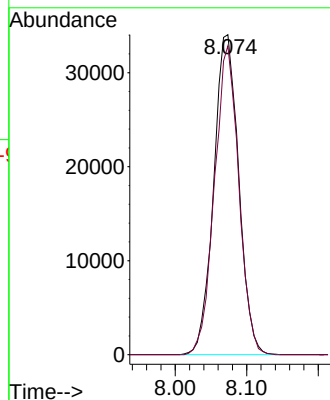
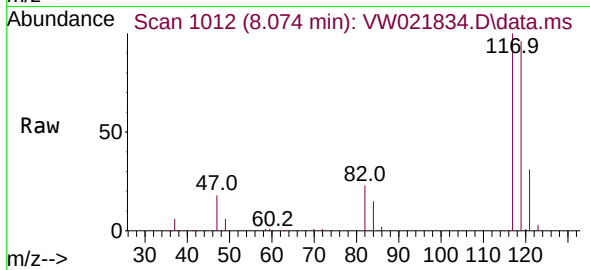




#31
Carbon tetrachloride
Concen: 24.457 ug/L
RT: 8.074 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

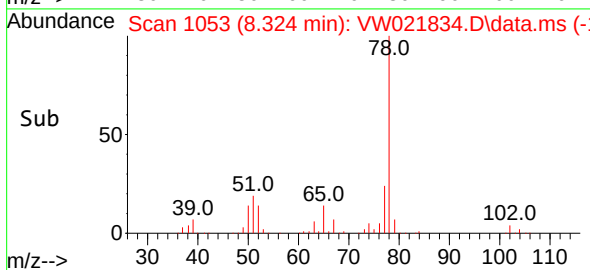
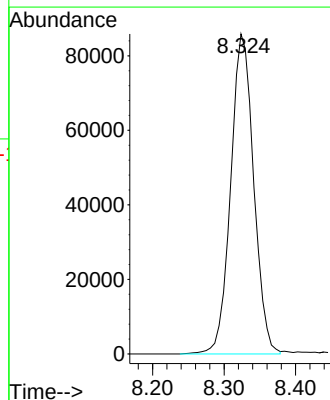
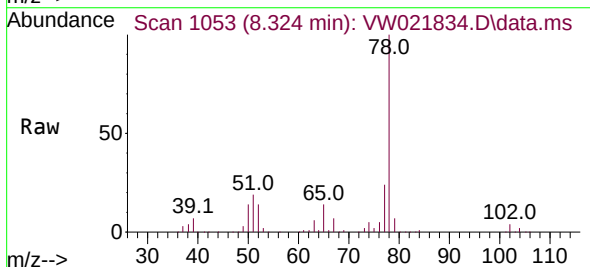
Instrument :
MSVOA_W
ClientSampleId :

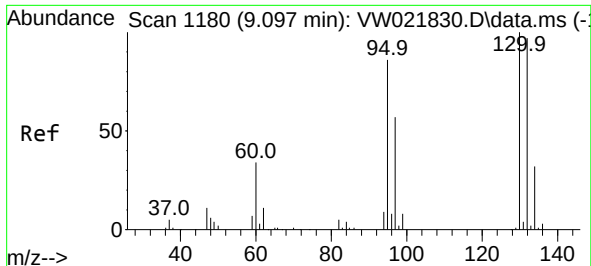
Tgt Ion:117 Resp: 82586
Ion Ratio Lower Upper
117 100
119 93.9 75.7 113.5



#33
Benzene
Concen: 23.252 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 78 Resp: 191678

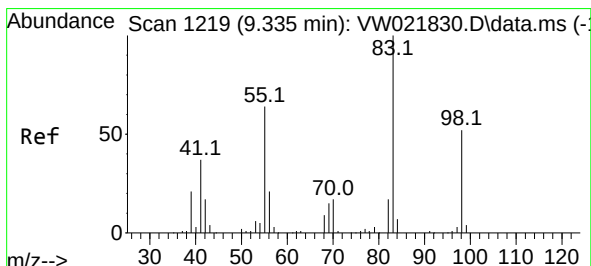
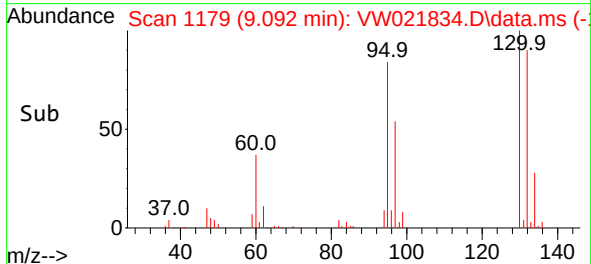
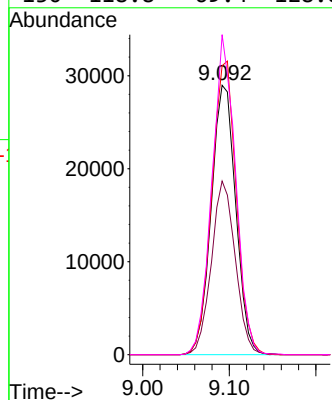
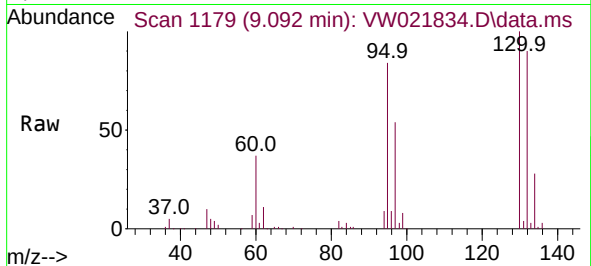




#34
Trichloroethene
Concen: 23.844 ug/L
RT: 9.092 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

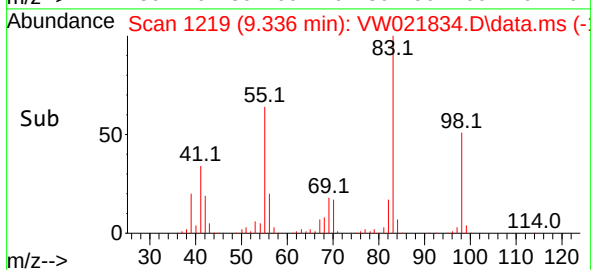
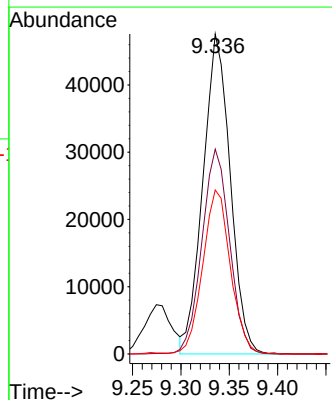
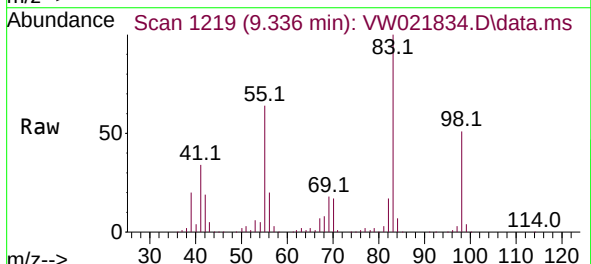
Instrument :
MSVOA_W
ClientSampleId :

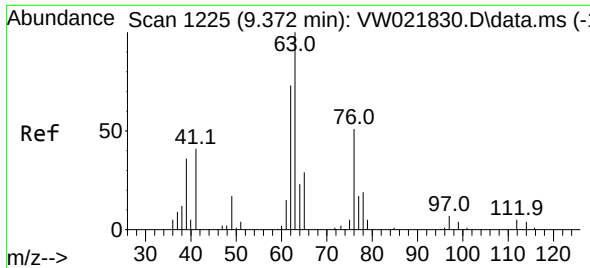
Tgt Ion: 95 Resp: 57025
Ion Ratio Lower Upper
95 100
97 64.4 47.0 87.2
132 107.3 65.5 121.6
130 118.8 69.4 128.8



#35
Methylcyclohexane
Concen: 23.726 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 83 Resp: 93313
Ion Ratio Lower Upper
83 100
55 64.9 70.8 106.2#
98 52.1 37.7 56.5





#37

1,2-Dichloropropane

Concen: 23.097 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

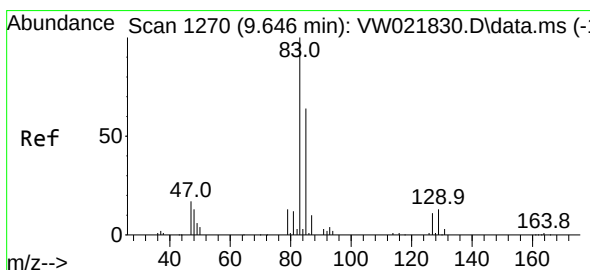
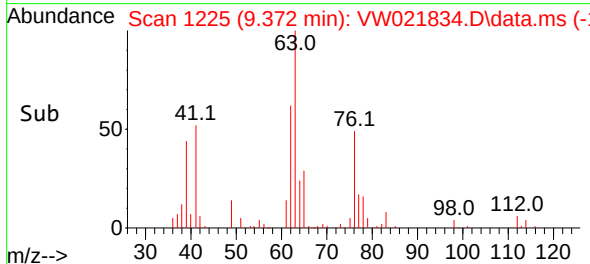
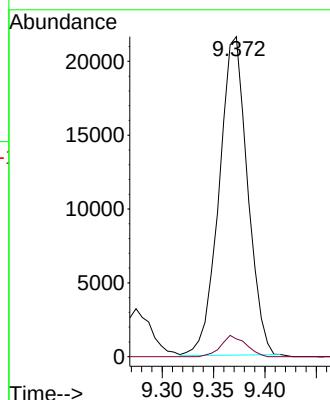
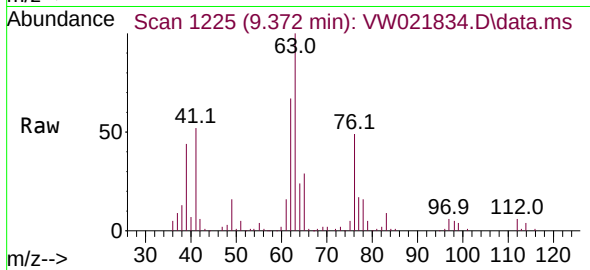
ClientSampleId :

Tgt Ion: 63 Resp: 41479

Ion Ratio Lower Upper

63 100

112 5.8 3.2 4.8#



#38

Bromodichloromethane

Concen: 24.335 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

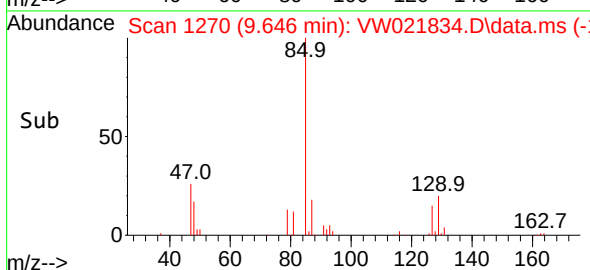
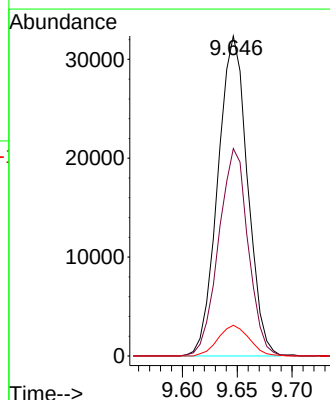
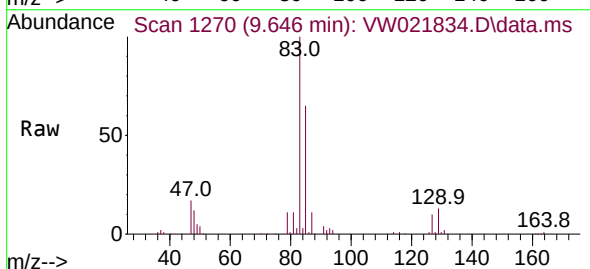
Tgt Ion: 83 Resp: 61007

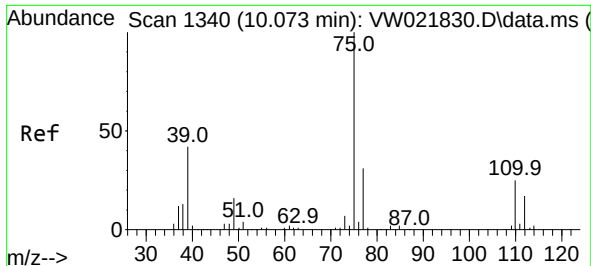
Ion Ratio Lower Upper

83 100

85 64.8 44.1 81.9

127 9.6 6.1 9.1#





#39

cis-1,3-Dichloropropene

Concen: 24.604 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

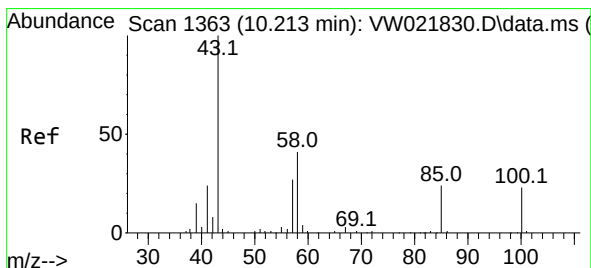
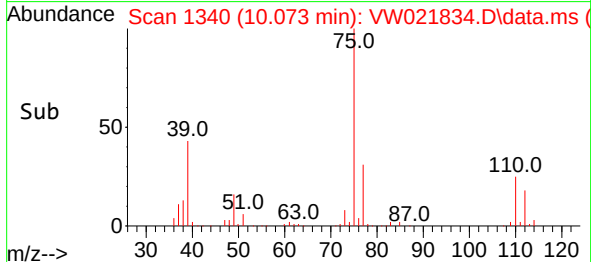
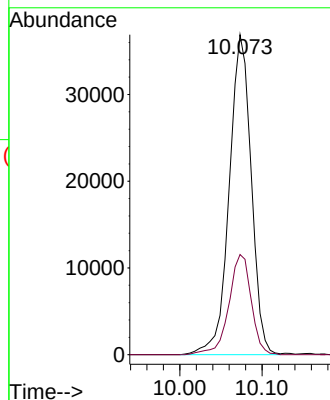
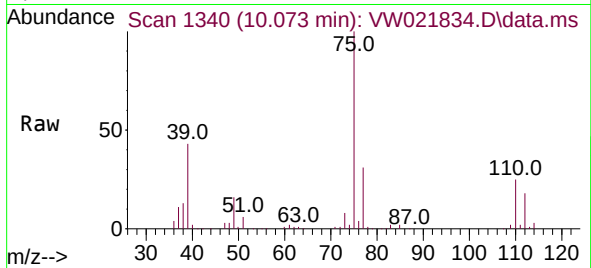
ClientSampleId :

Tgt Ion: 75 Resp: 68656

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 46.333 ug/L

RT: 10.213 min Scan# 1363

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

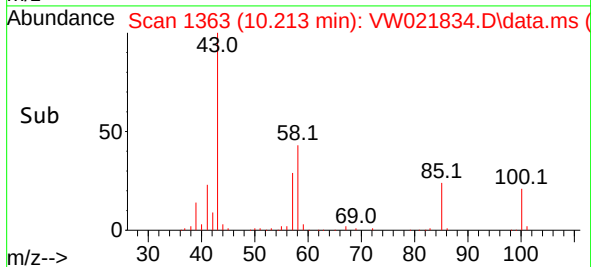
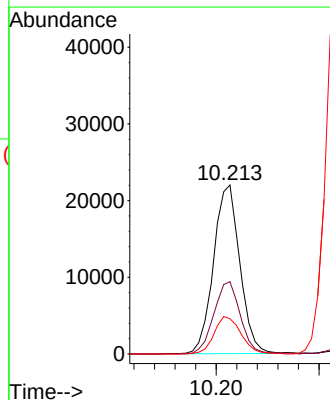
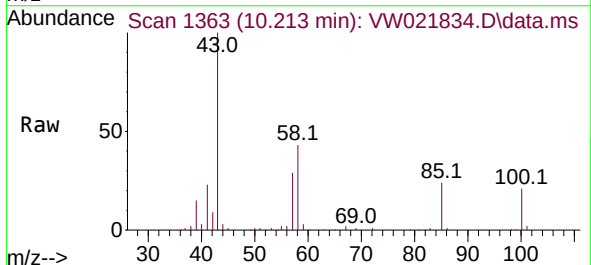
Tgt Ion: 43 Resp: 39087

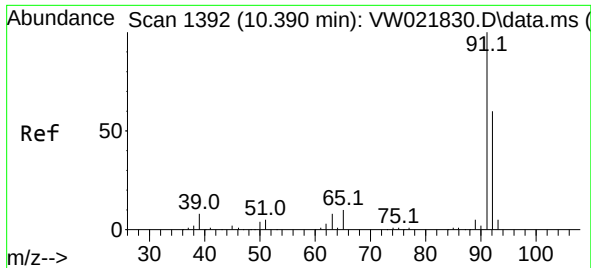
Ion Ratio Lower Upper

43 100

58 43.2 28.8 43.2

100 22.7 10.0 15.0#

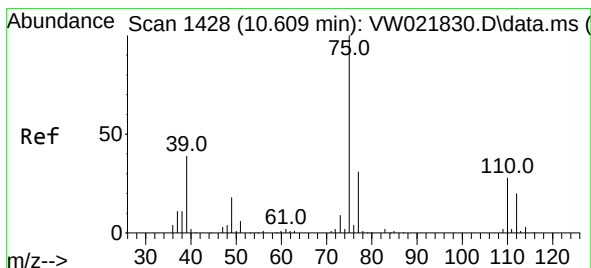
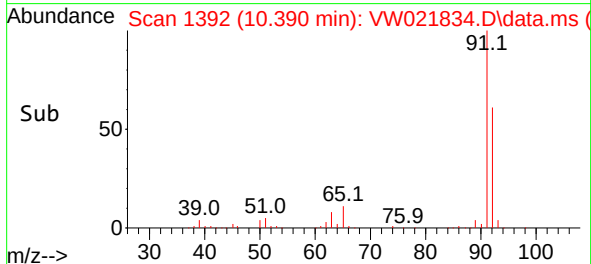
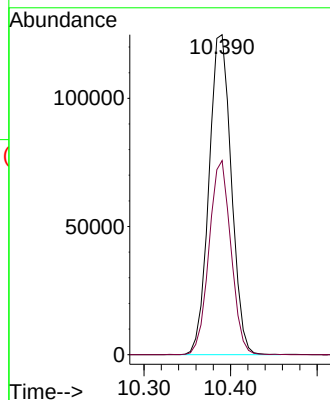
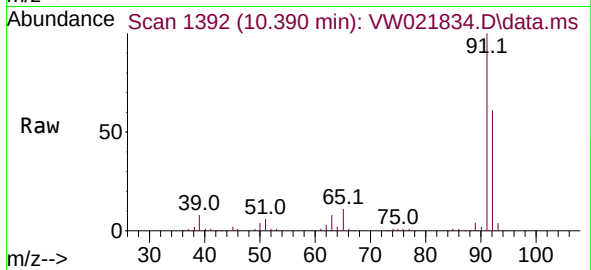




#42
Toluene
Concen: 24.184 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

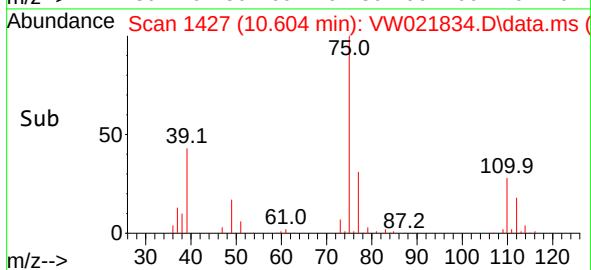
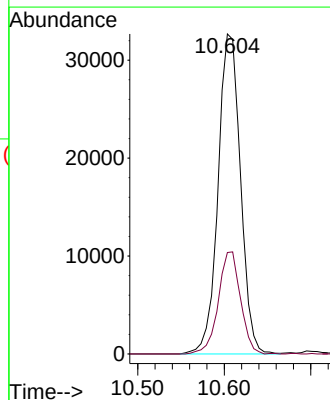
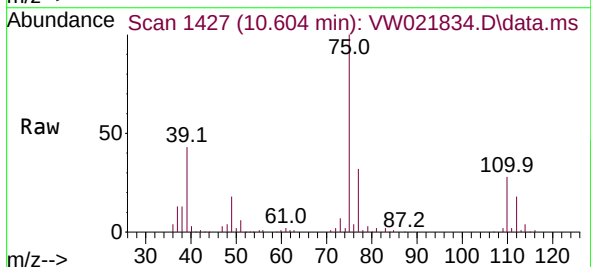
Instrument :
MSVOA_W
ClientSampleId :

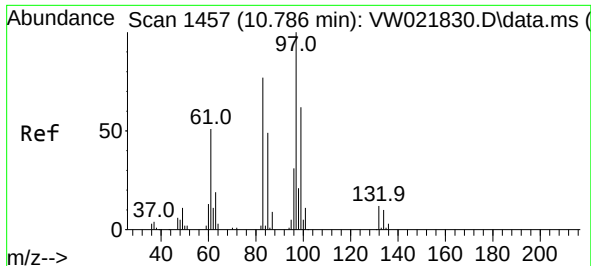
Tgt Ion: 91 Resp: 223595
Ion Ratio Lower Upper
91 100
92 60.7 41.7 77.5



#44
trans-1,3-Dichloropropene
Concen: 25.178 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 75 Resp: 58805
Ion Ratio Lower Upper
75 100
77 31.7 22.2 41.2

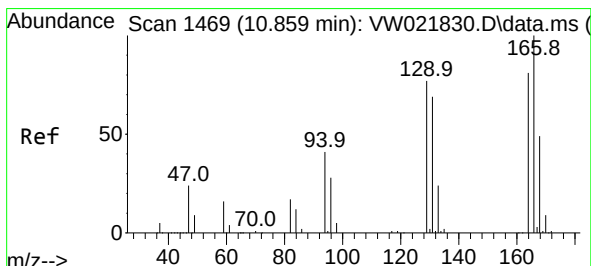
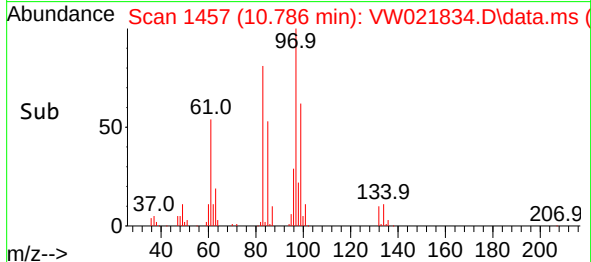
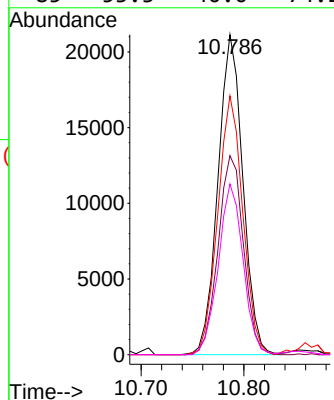
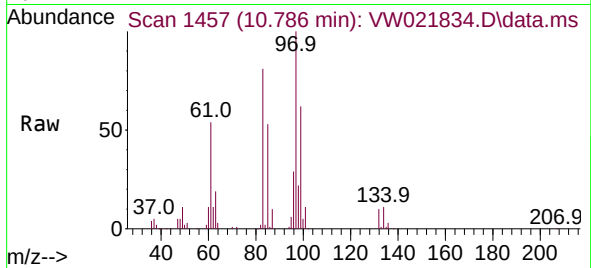




#45
1,1,2-Trichloroethane
Concen: 23.325 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

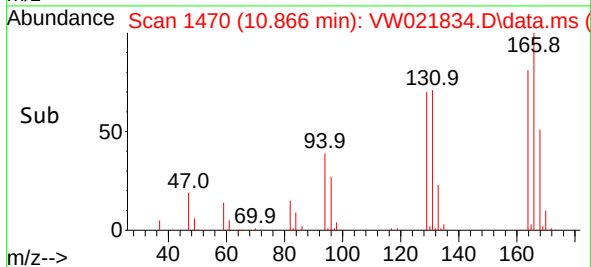
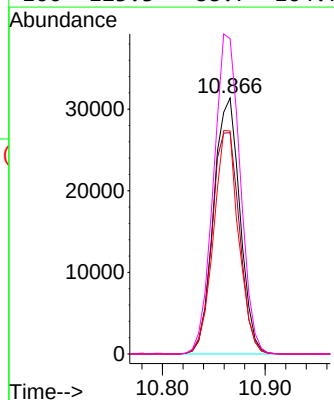
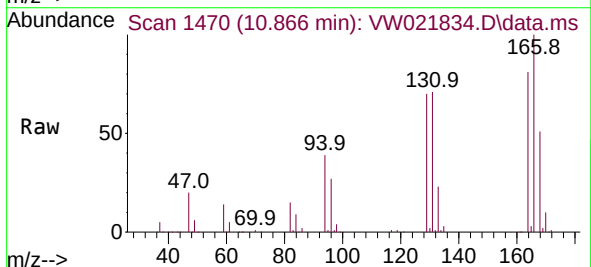
Instrument :
MSVOA_W
ClientSampleId :

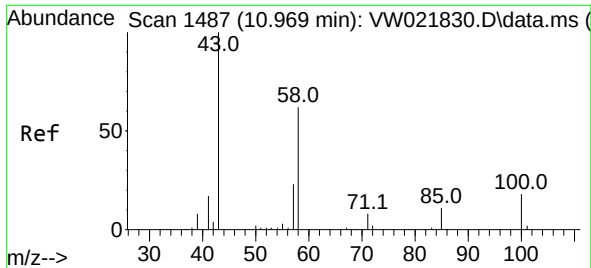
Tgt Ion: 97	Resp: 35564
Ion Ratio	Lower Upper
97 100	
99 62.2	43.0 79.8
83 80.9	62.6 116.3
85 53.3	40.0 74.2



#46
Tetrachloroethene
Concen: 23.540 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.007 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

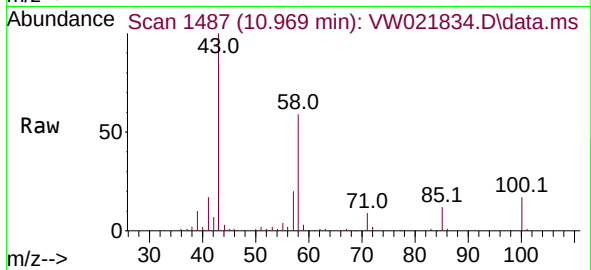
Tgt	Ion:164	Resp:	55670
Ion	Ratio	Lower	Upper
164	100		
129	86.5	65.5	121.7
131	87.2	59.7	110.9
166	123.3	88.7	164.7



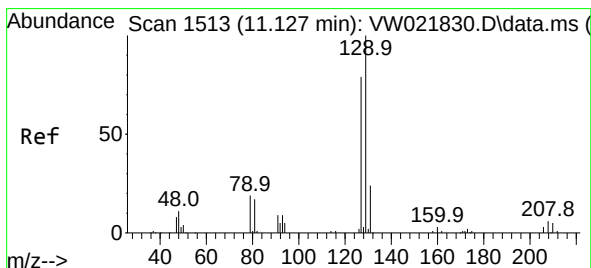
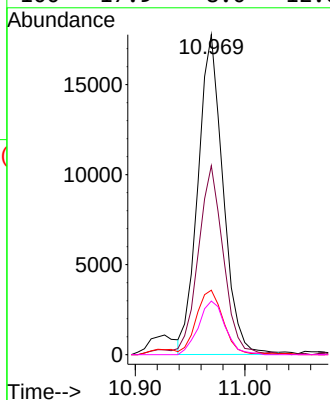
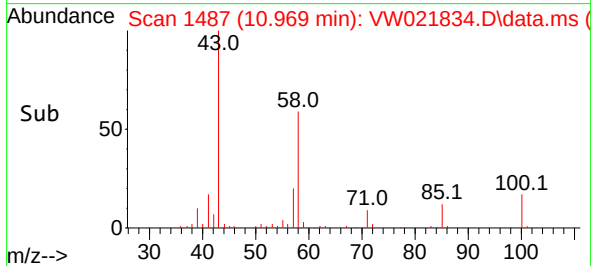


#48
2-Hexanone
Concen: 49.040 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Instrument :
MSVOA_W
ClientSampleId :

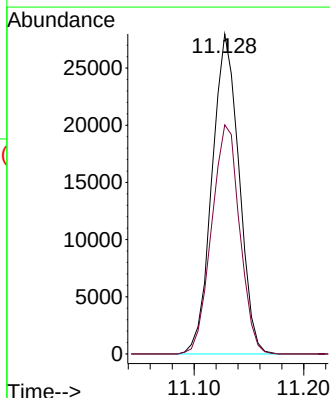
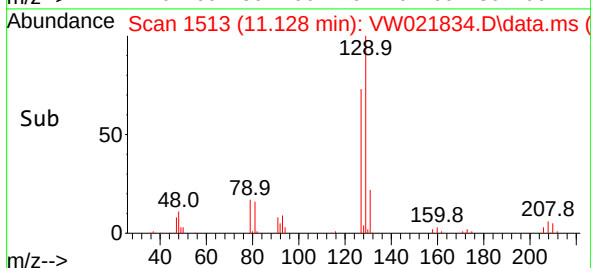
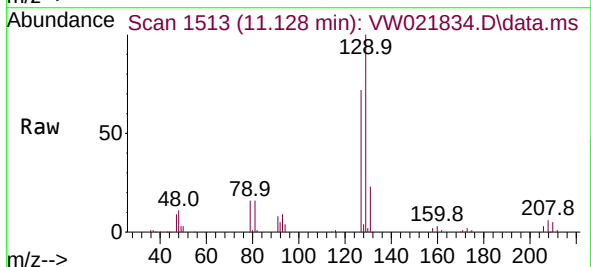


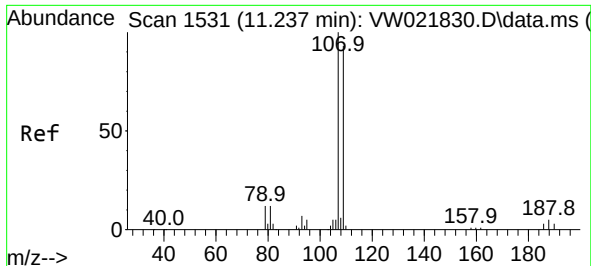
Tgt Ion: 43 Resp: 28306
Ion Ratio Lower Upper
43 100
58 59.0 40.2 60.2
57 21.4 14.3 21.5
100 17.9 8.0 12.0#



#49
Dibromochloromethane
Concen: 24.896 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 129 Resp: 47829
Ion Ratio Lower Upper
129 100
127 71.6 55.7 103.5

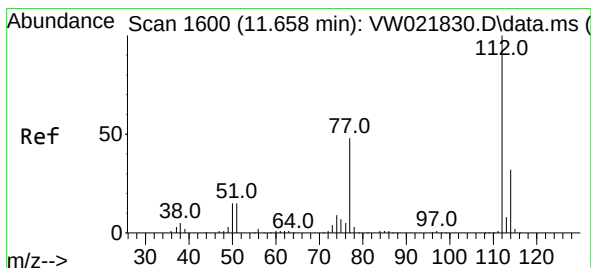
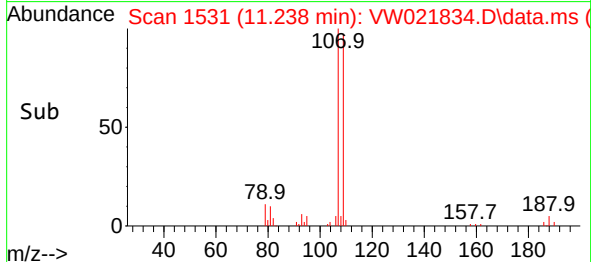
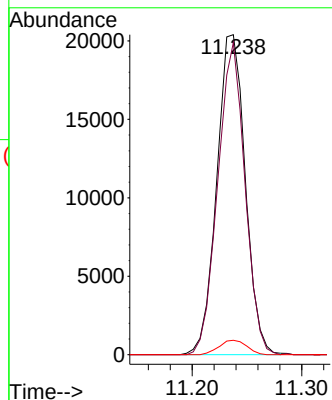
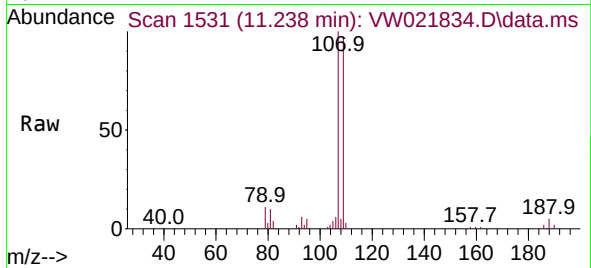




#50
1,2-Dibromoethane
Concen: 24.358 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

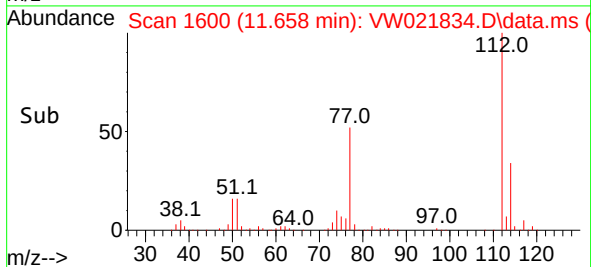
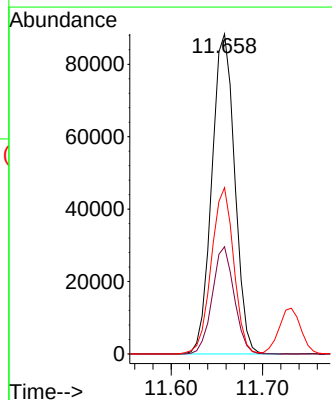
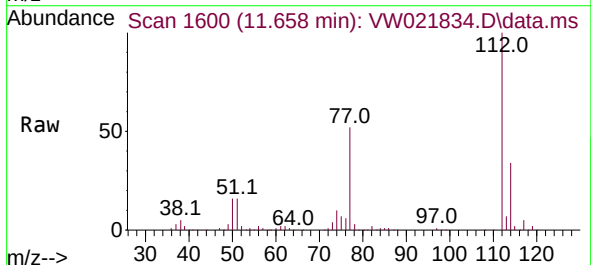
Instrument :
MSVOA_W
ClientSampleId :

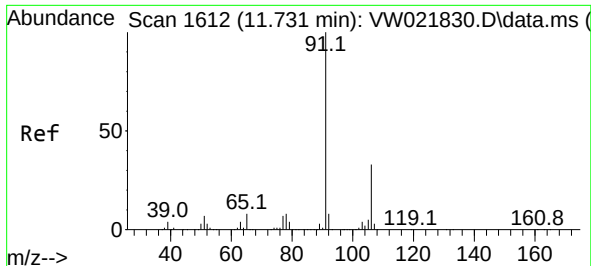
Tgt Ion:107 Resp: 36866
Ion Ratio Lower Upper
107 100
109 97.5 64.1 119.1
188 4.5 2.6 3.8#



#51
Chlorobenzene
Concen: 23.542 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion:112 Resp: 153680
Ion Ratio Lower Upper
112 100
114 33.5 22.4 41.6
77 51.9 50.2 75.4

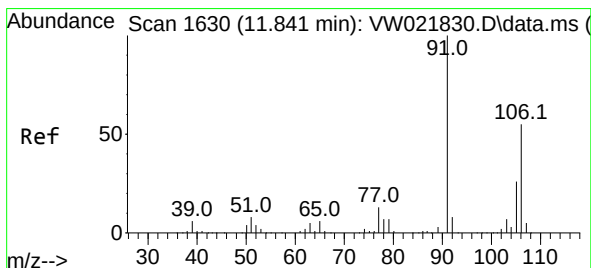
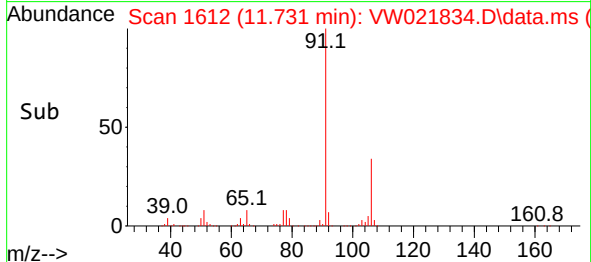
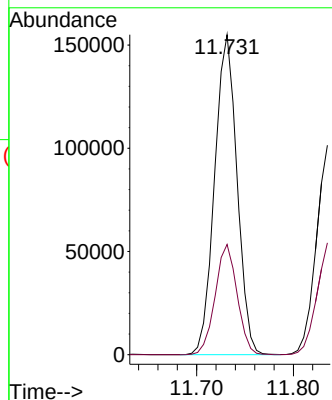
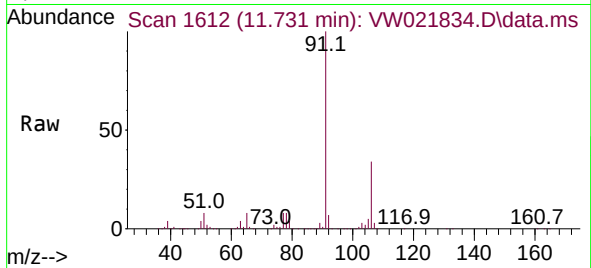




#52
Ethylbenzene
Concen: 24.275 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

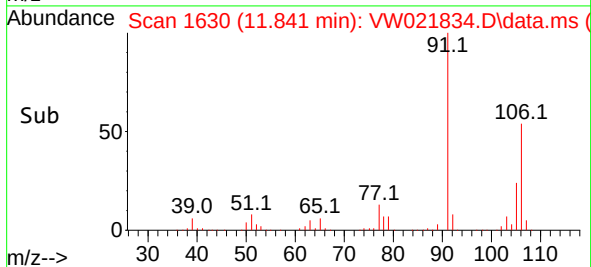
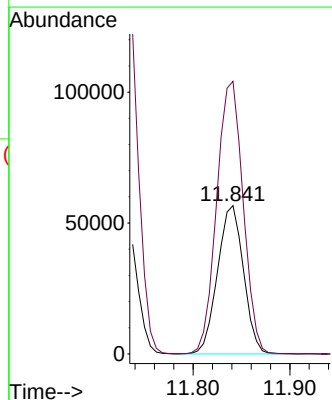
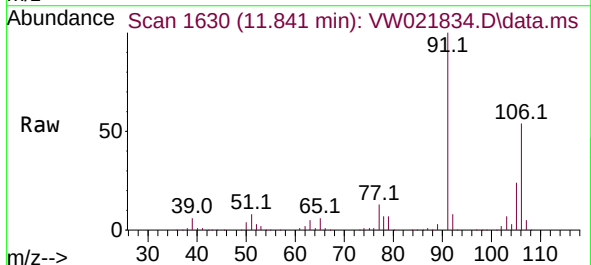
Instrument :
MSVOA_W
ClientSampleId :

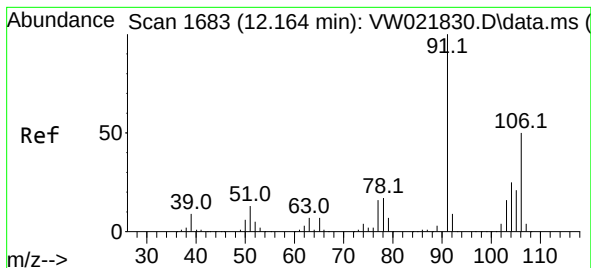
Tgt Ion: 91 Resp: 249322
Ion Ratio Lower Upper
91 100
106 34.5 21.5 39.9



#53
m,p-Xylene
Concen: 24.561 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion:106 Resp: 105484
Ion Ratio Lower Upper
106 100
91 183.8 149.9 278.3





#54

o-Xylene

Concen: 24.789 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

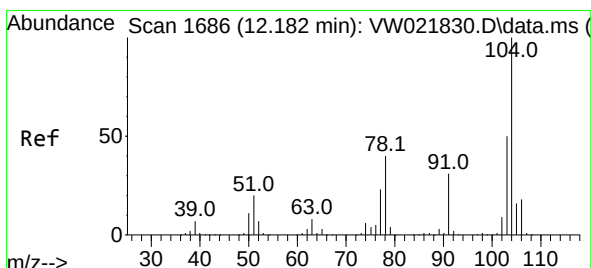
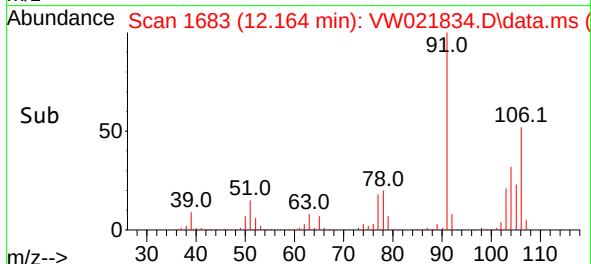
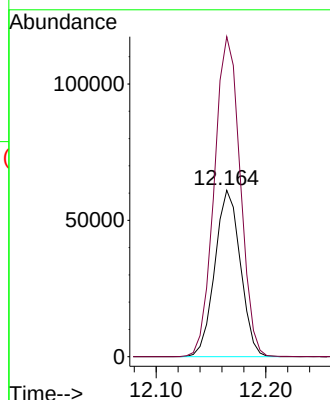
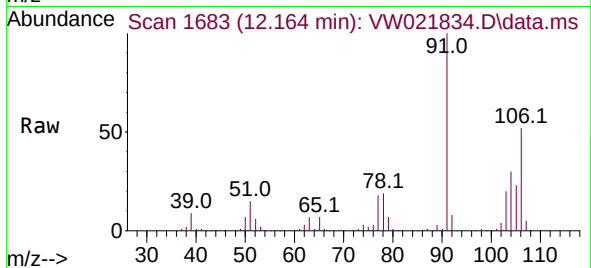
ClientSampleId :

Tgt Ion:106 Resp: 98834

Ion Ratio Lower Upper

106 100

91 192.2 153.6 285.3



#55

Styrene

Concen: 24.521 ug/L

RT: 12.183 min Scan# 1686

Delta R.T. 0.000 min

Lab File: VW021834.D

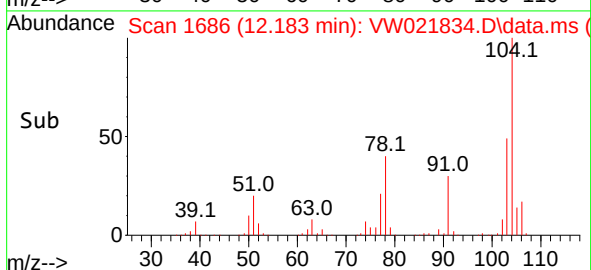
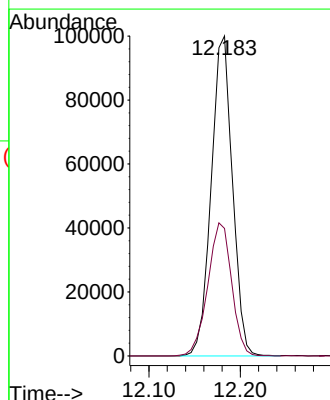
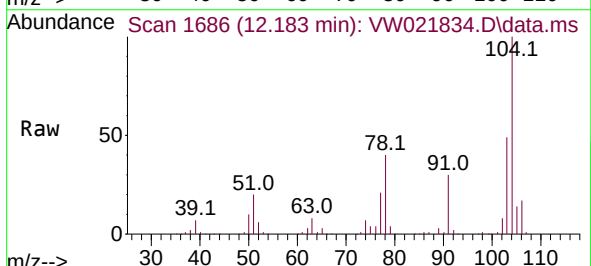
Acq: 11 Jan 2022 15:30

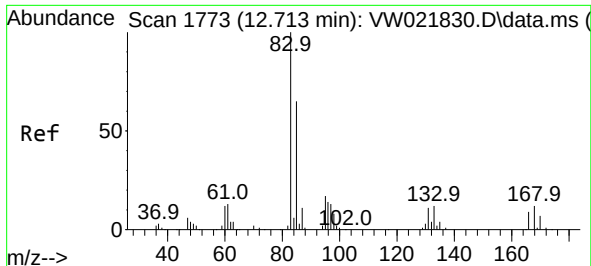
Tgt Ion:104 Resp: 161409

Ion Ratio Lower Upper

104 100

78 39.9 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 22.927 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW021834.D

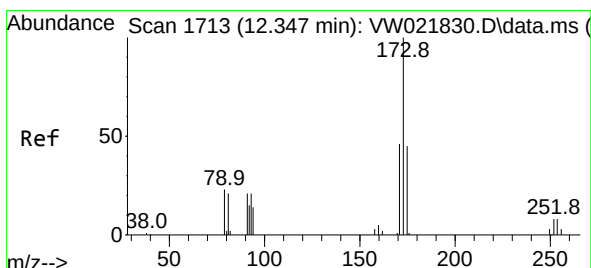
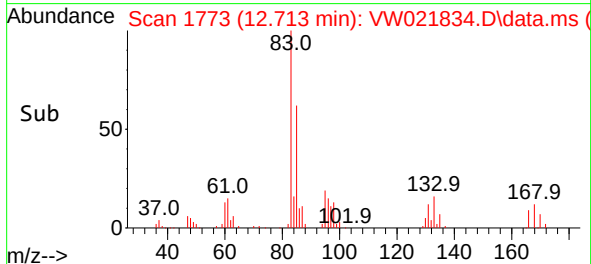
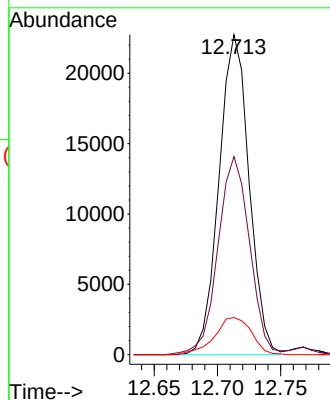
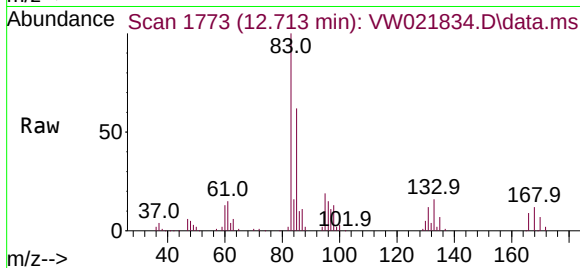
Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	83	Resp:	37612
Ion Ratio	Lower	Upper	
83	100		
85	61.9	44.0	81.6
131	11.6	6.9	10.3



#59

Bromoform

Concen: 24.479 ug/L

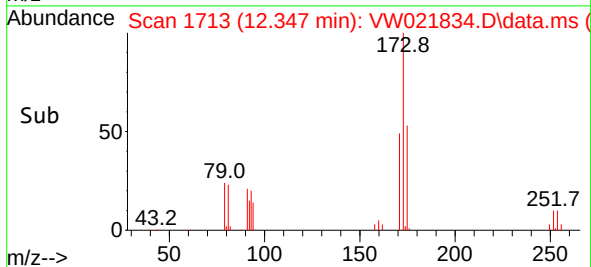
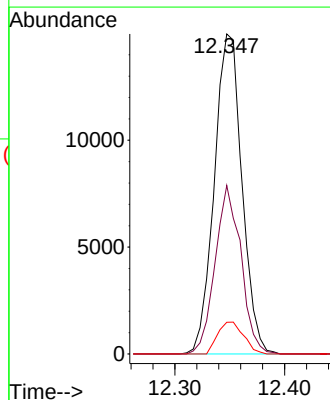
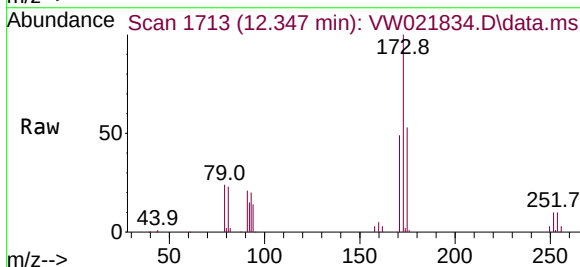
RT: 12.347 min Scan# 1713

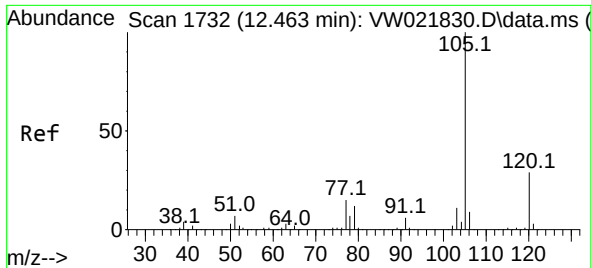
Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Tgt Ion:	173	Resp:	26281
Ion Ratio	Lower	Upper	
173	100		
175	49.0	39.6	59.4
254	9.3	7.4	11.0

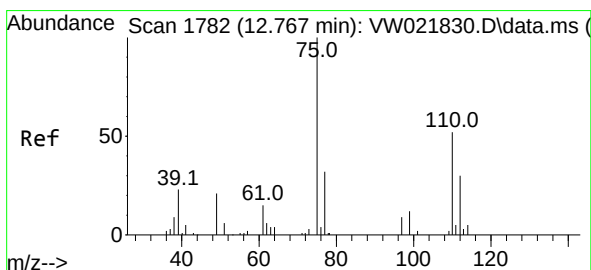
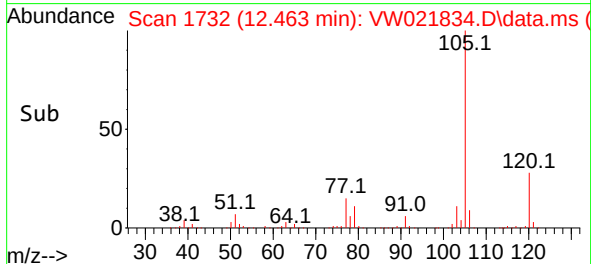
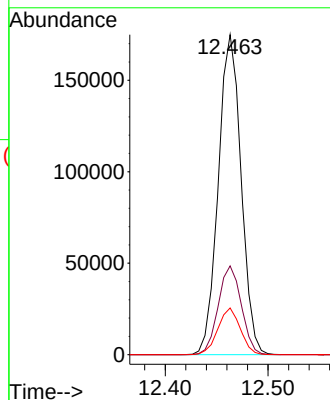
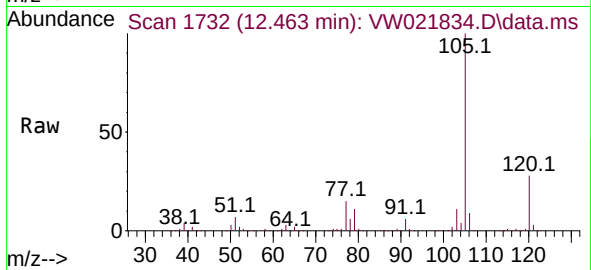




#60
Isopropylbenzene
Concen: 25.141 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

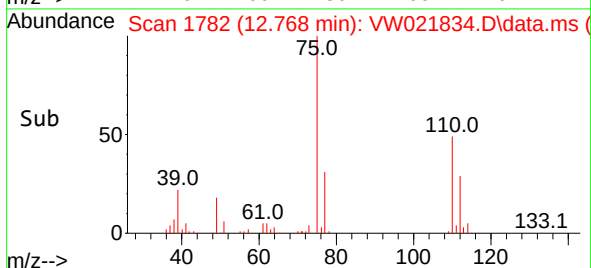
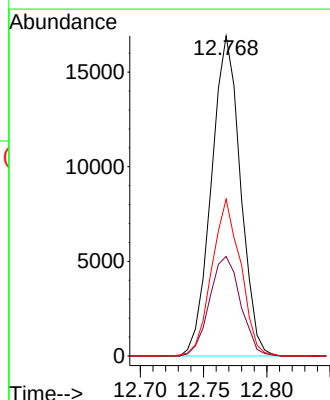
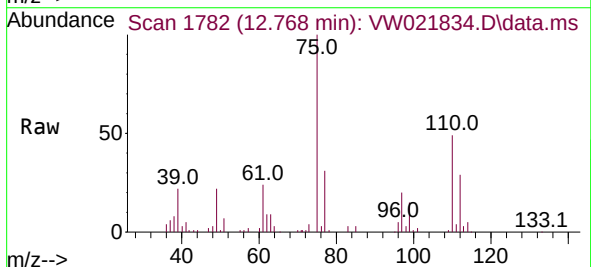
Instrument :
MSVOA_W
ClientSampleId :

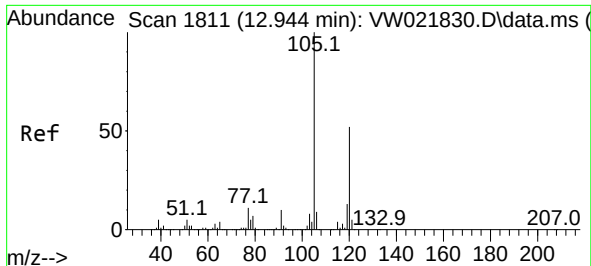
Tgt Ion:105 Resp: 269592
Ion Ratio Lower Upper
105 100
120 28.1 20.1 30.1
77 14.4 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 24.007 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion: 75 Resp: 27016
Ion Ratio Lower Upper
75 100
77 33.0 25.8 38.8
110 48.6 29.0 43.4#





#62

1,3,5-Trimethylbenzene

Concen: 25.633 ug/L

RT: 12.945 min Scan# 1811

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

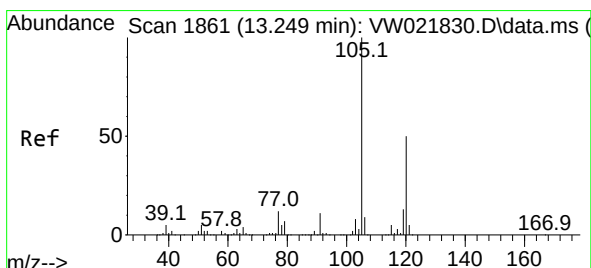
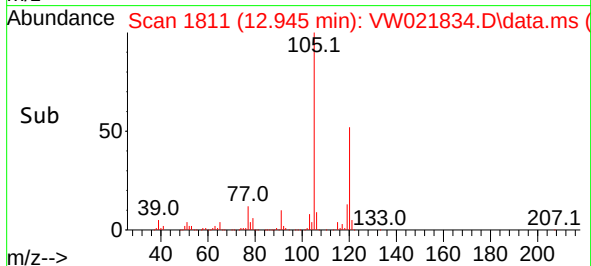
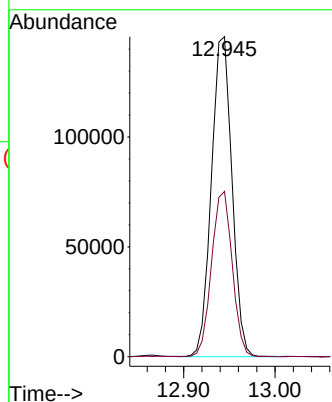
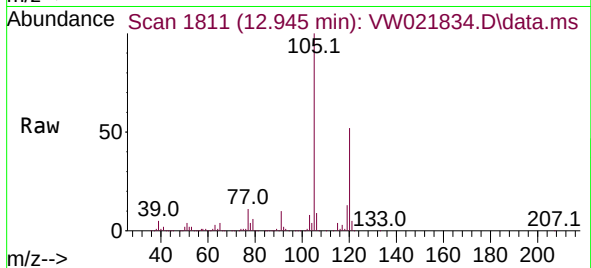
ClientSampleId :

Tgt Ion:105 Resp: 227615

Ion Ratio Lower Upper

105 100

120 51.9 37.4 56.2



#63

1,2,4-Trimethylbenzene

Concen: 25.549 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW021834.D

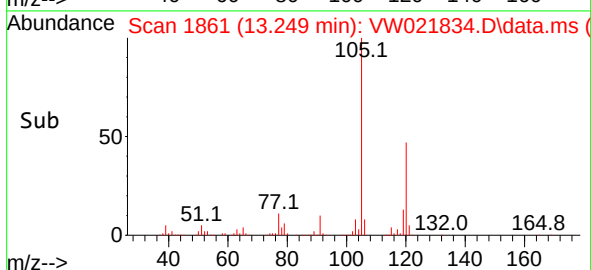
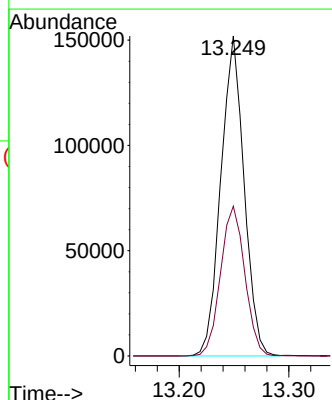
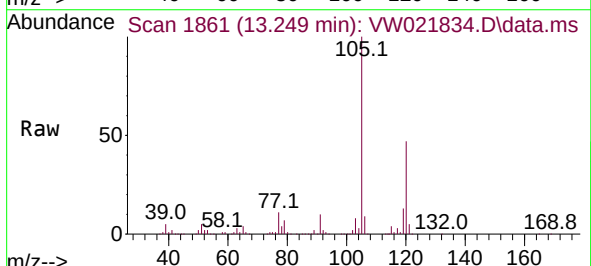
Acq: 11 Jan 2022 15:30

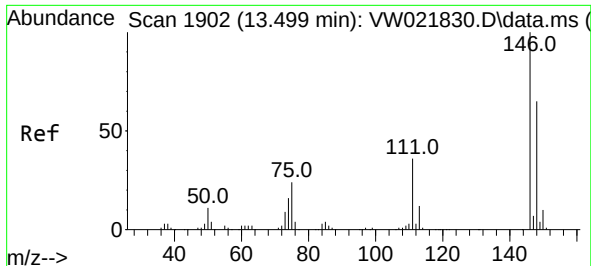
Tgt Ion:105 Resp: 223754

Ion Ratio Lower Upper

105 100

120 48.8 35.0 52.6

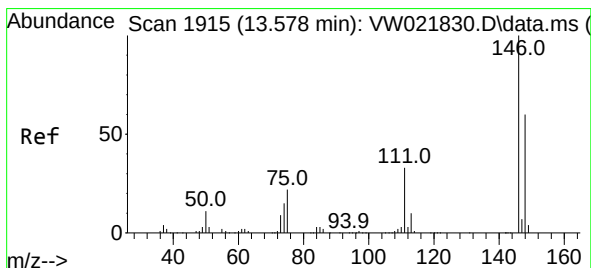
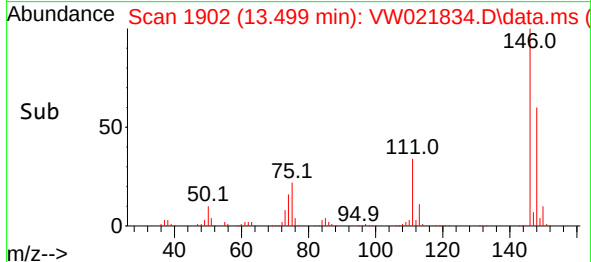
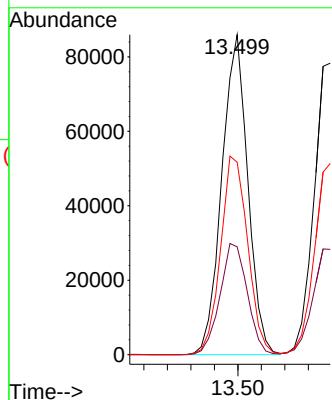
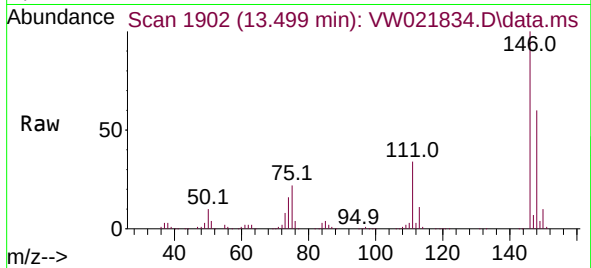




#64
1,3-Dichlorobenzene
Concen: 24.490 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

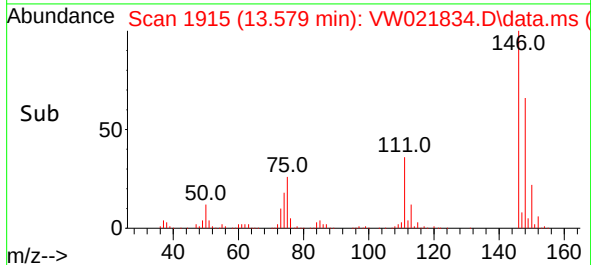
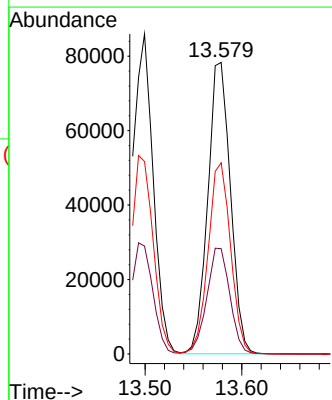
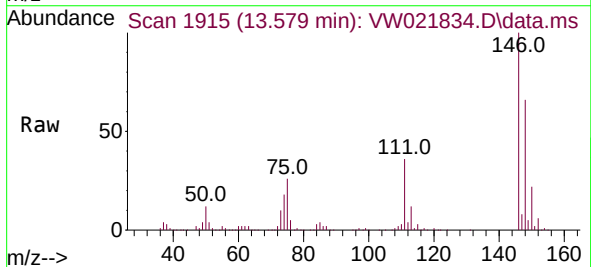
Instrument :
MSVOA_W
ClientSampleId :

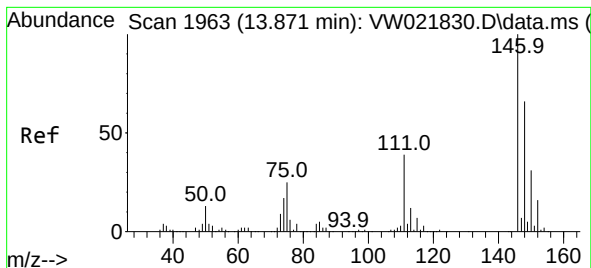
Tgt Ion:146 Resp: 132035
Ion Ratio Lower Upper
146 100
111 33.7 29.8 55.3
148 60.1 46.2 85.8



#65
1,4-Dichlorobenzene
Concen: 24.010 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion:146 Resp: 127810
Ion Ratio Lower Upper
146 100
111 36.1 29.0 53.9
148 65.6 46.9 87.1





#67

1,2-Dichlorobenzene

Concen: 24.641 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.006 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

Instrument :

MSVOA_W

ClientSampleId :

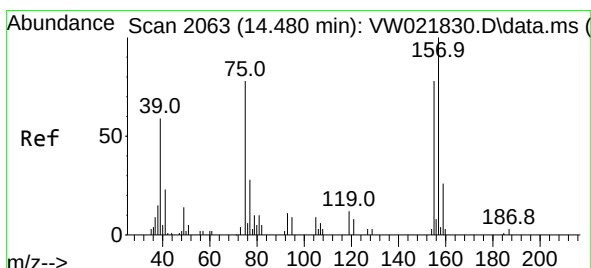
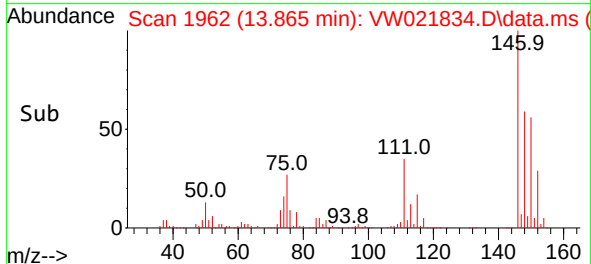
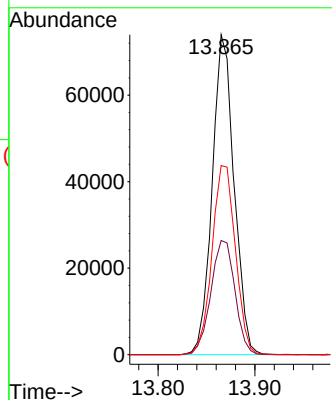
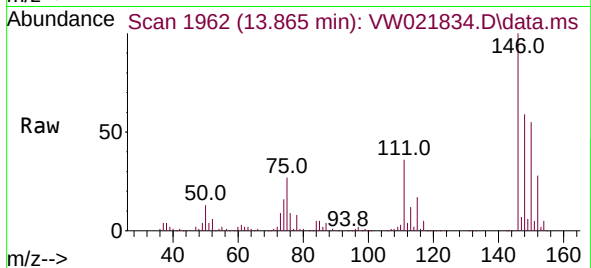
Tgt Ion:146 Resp: 116316

Ion Ratio Lower Upper

146 100

111 35.7 33.1 49.7

148 59.1 47.4 71.2



#68

1,2-Dibromo-3-chloropropane

Concen: 24.577 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW021834.D

Acq: 11 Jan 2022 15:30

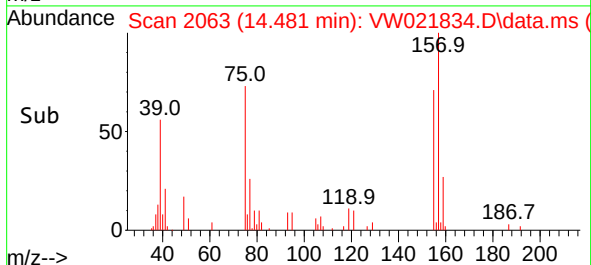
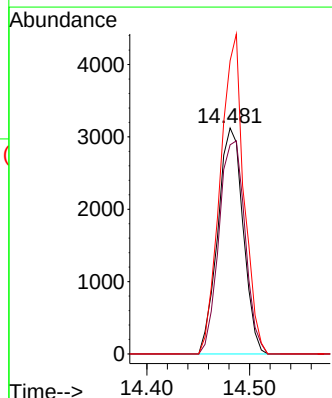
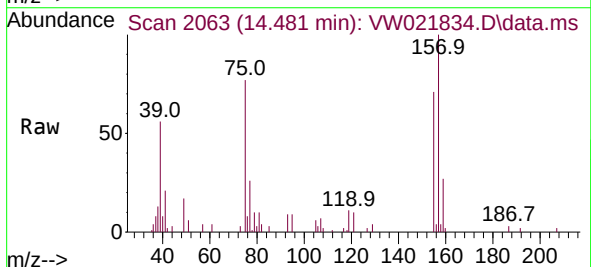
Tgt Ion: 75 Resp: 5341

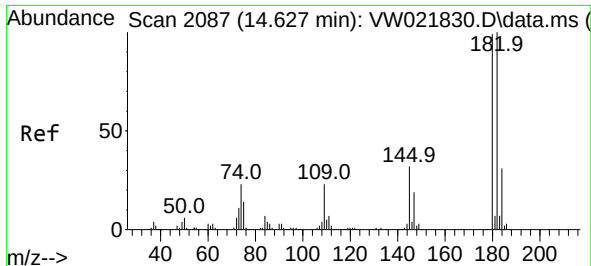
Ion Ratio Lower Upper

75 100

155 92.6 54.2 81.2#

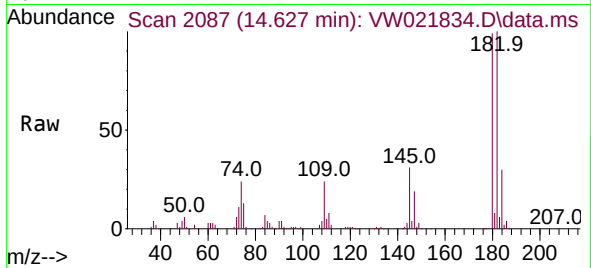
157 129.8 69.4 104.2#



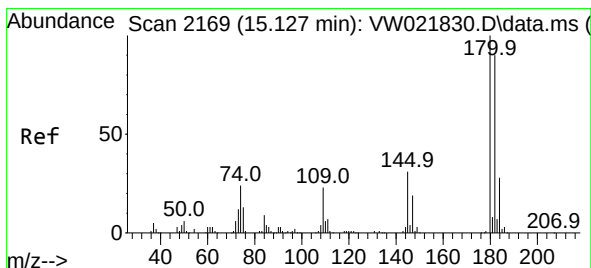
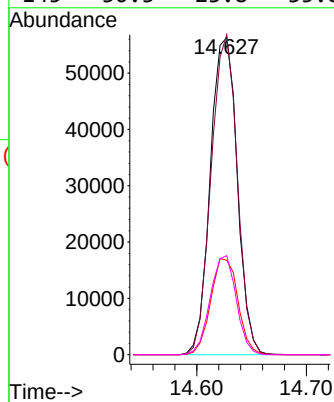
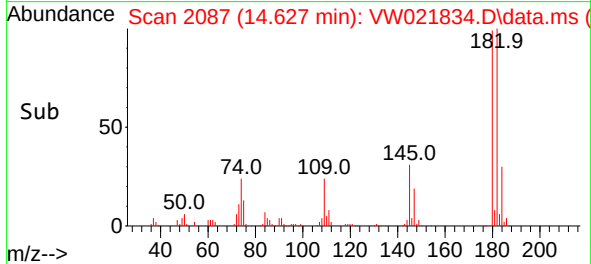


#69
 1,3,5-Trichlorobenzene
 Concen: 23.955 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30

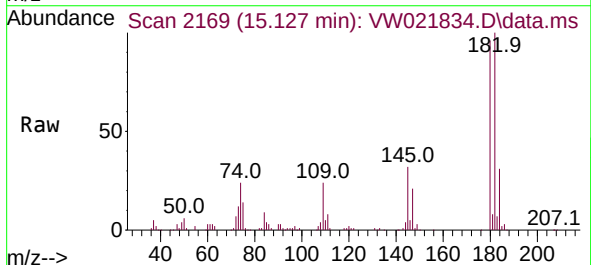
Instrument :
 MSVOA_W
 ClientSampleId :



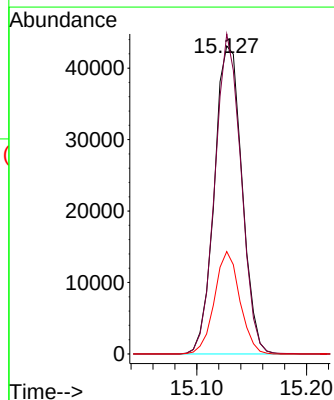
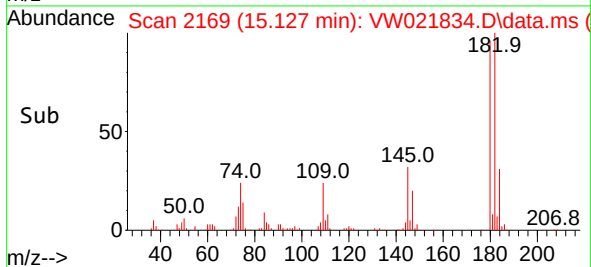
Tgt Ion:180 Resp: 95991
 Ion Ratio Lower Upper
 180 100
 182 97.9 75.4 113.0
 184 30.7 23.8 35.8
 145 30.3 23.8 35.8

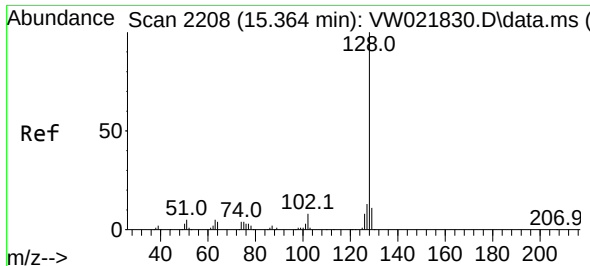


#70
 1,2,4-trichlorobenzene
 Concen: 23.653 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW021834.D
 Acq: 11 Jan 2022 15:30



Tgt Ion:180 Resp: 75522
 Ion Ratio Lower Upper
 180 100
 182 98.1 79.0 118.6
 145 30.5 26.0 39.0

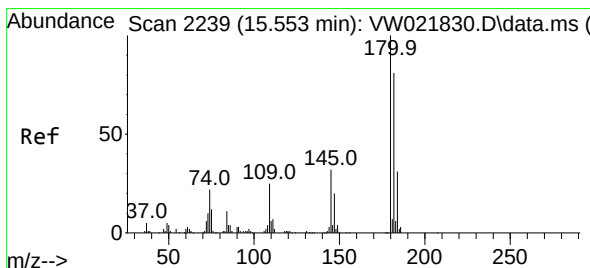
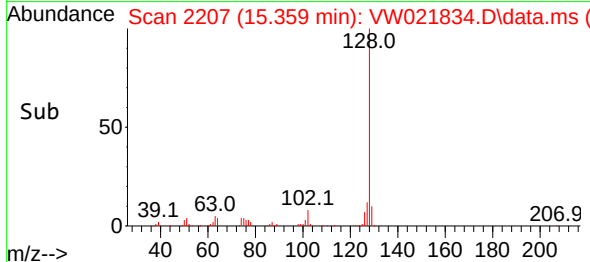
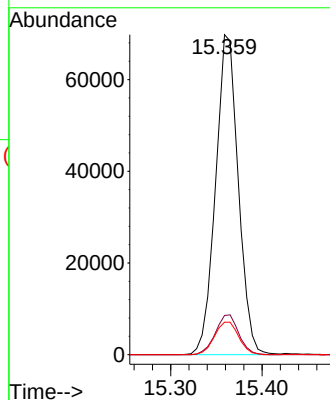
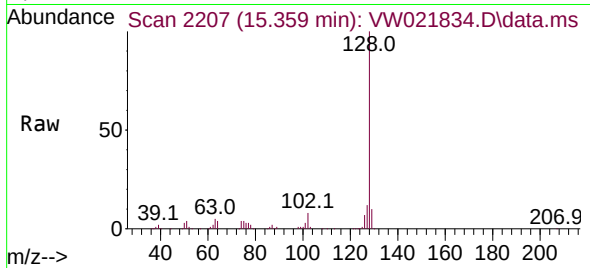




#71
Naphthalene
Concen: 24.516 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 120750
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 10.9 8.6 12.8



#72
1,2,3-Trichlorobenzene
Concen: 24.335 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW021834.D
Acq: 11 Jan 2022 15:30

Tgt Ion:180 Resp: 64164
Ion Ratio Lower Upper
180 100
182 92.3 76.6 114.8
145 31.5 27.4 41.0

