

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW100621\
 Data File : VW020319.D
 Acq On : 06 Oct 2021 16:12
 Operator : SY/VA
 Sample : M4001-04MS
 Misc : 6.77g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 07 01:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.848	114	181995	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	97765	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	21819	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	118587	47.278	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 189.120%#	
7) Chloroethane-d5	2.879	69	52808	48.588	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 194.360%#	
11) 1,1-Dichloroethene-d2	4.019	63	179361	34.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 138.880%#	
21) 2-Butanone-d5	7.086	46	62967	98.821	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 197.640%#	
24) Chloroform-d	7.653	84	183442	35.103	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 140.400%	
26) 1,2-Dichloroethane-d4	8.311	65	115722	40.464	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 161.840%#	
32) Benzene-d6	8.281	84	333591	56.356	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 225.440%#	
36) 1,2-Dichloropropane-d6	9.281	67	96174	51.223	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 204.880%#	
41) Toluene-d8	10.323	98	186753	34.834	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 139.320%#	
43) trans-1,3-Dichloroprop...	10.579	79	31173	40.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 163.240%#	
47) 2-Hexanone-d5	10.927	63	31772	122.435	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 244.860%#	
56) 1,1,2,2-Tetrachloroeth...	12.695	84	45343	34.602	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 138.400%#	
66) 1,2-Dichlorobenzene-d4	13.853	152	22259	29.134	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 116.520%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.007	85	33187	33.288	ug/L	99
3) Chloromethane	2.209	50	72844	29.879	ug/L	98
5) Vinyl chloride	2.355	62	121570	36.660	ug/L	97
6) Bromomethane	2.776	94	25234	19.661	ug/L	95
8) Chloroethane	2.916	64	29418	29.674	ug/L	98
9) Trichlorofluoromethane	3.251	101	30981	18.032	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	64311	24.012	ug/L	99
12) 1,1-Dichloroethene	4.044	96	82162	32.444	ug/L	97
13) Acetone	4.135	43	38030	58.056	ug/L	100
14) Carbon disulfide	4.385	76	188426	22.633	ug/L	99
15) Methyl Acetate	4.678	43	38715	32.339	ug/L	99
16) Methylene chloride	4.922	84	86361	26.573	ug/L	97
17) trans-1,2-Dichloroethene	5.421	96	122251	46.113	ug/L	100
18) Methyl tert-butyl Ether	5.434	73	122911	35.857	ug/L	100
19) 1,1-Dichloroethane	6.220	63	146352	27.757	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	2308210	851.391	ug/L	99
23) Bromochloromethane	7.519	128	35049	30.525	ug/L	97
25) Chloroform	7.677	83	145241	28.802	ug/L	99
27) 1,2-Dichloroethane	8.403	62	96074	28.522	ug/L	100

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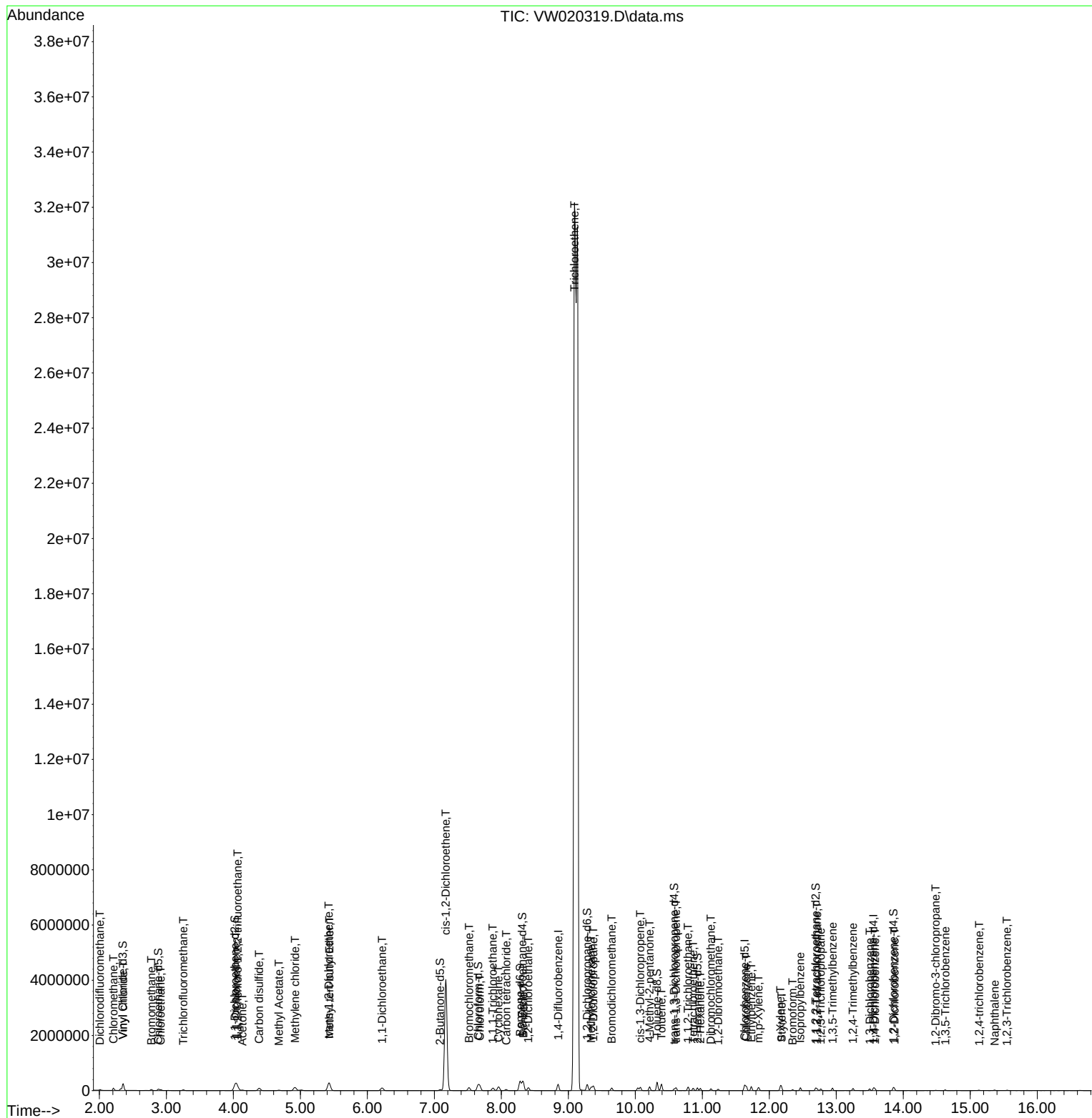
Quant Time: Oct 07 01:53:24 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100621SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 07 01:49:38 2021
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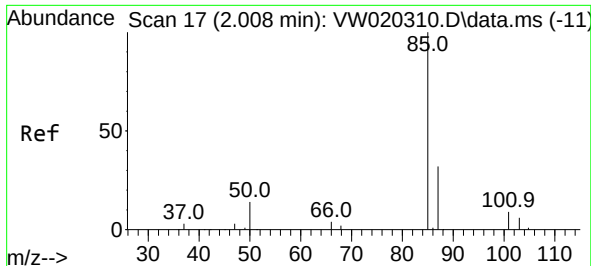
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	7.958	56	75745	26.060	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	73919	31.521	ug/L	99
31) Carbon tetrachloride	8.073	117	29549	14.434	ug/L	98
33) Benzene	8.329	78	259501	38.168	ug/L	100
34) Trichloroethene	9.092	95	13535609	8092.944	ug/L	96
35) Methylcyclohexane	9.341	83	44163	15.137	ug/L	99
37) 1,2-Dichloropropane	9.372	63	59028	34.849	ug/L	99
38) Bromodichloromethane	9.646	83	61473	29.786	ug/L	96
39) cis-1,3-Dichloropropene	10.073	75	67542	28.193	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	90212	97.499	ug/L	99
42) Toluene	10.390	91	158368	23.160	ug/L	99
44) trans-1,3-Dichloropropene	10.610	75	55300	26.653	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	38096	35.553	ug/L	95
46) Tetrachloroethene	10.866	164	18190	14.777	ug/L	91
48) 2-Hexanone	10.969	43	54296	80.440	ug/L	98
49) Dibromochloromethane	11.128	129	31653	26.323	ug/L	100
50) 1,2-Dibromoethane	11.237	107	33450	33.948	ug/L	99
51) Chlorobenzene	11.658	112	71175	17.161	ug/L	98
52) Ethylbenzene	11.731	91	95570	12.802	ug/L	100
53) m,p-Xylene	11.841	106	33714	12.225	ug/L	94
54) o-Xylene	12.164	106	33965	13.152	ug/L	99
55) Styrene	12.182	104	53269	11.985	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	27497	21.584	ug/L	98
59) Bromoform	12.347	173	13693	46.970	ug/L	99
60) Isopropylbenzene	12.463	105	62463	19.284	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	25031	57.877	ug/L	99
62) 1,3,5-Trimethylbenzene	12.944	105	42911	16.374	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	41216	15.736	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	22162	16.265	ug/L	96
65) 1,4-Dichlorobenzene	13.579	146	21643	15.736	ug/L	93
67) 1,2-Dichlorobenzene	13.871	146	19810	16.307	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.481	75	3135	34.154	ug/L	88
69) 1,3,5-Trichlorobenzene	14.627	180	7631	7.884	ug/L	97
70) 1,2,4-trichlorobenzene	15.133	180	4704	6.231	ug/L #	96
71) Naphthalene	15.365	128	15879	12.075	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	4029	6.110	ug/L #	94

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

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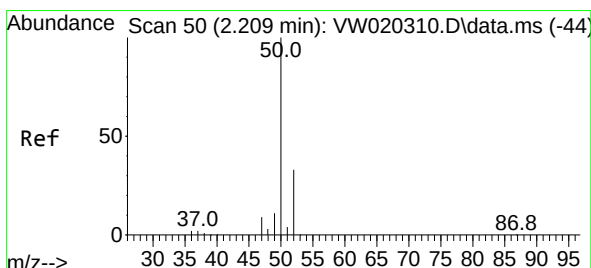
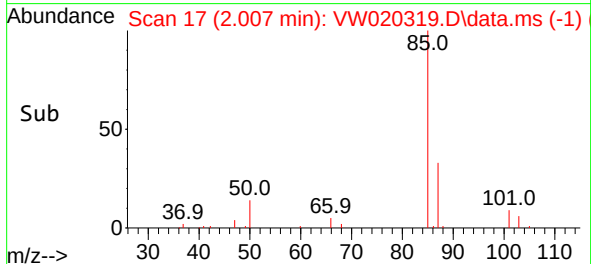
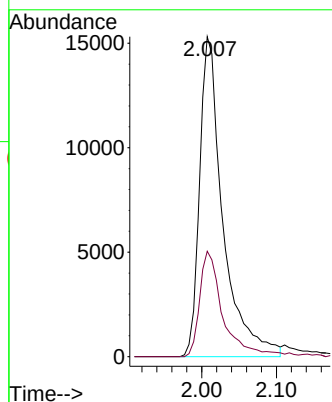
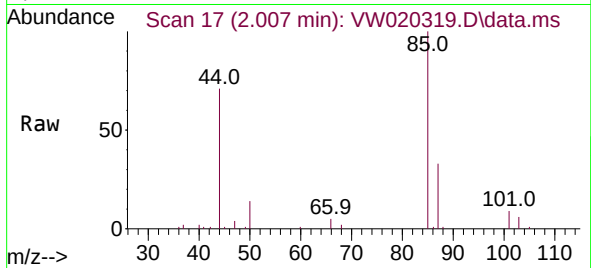




#2
Dichlorodifluoromethane
Concen: 33.288 ug/L
RT: 2.007 min Scan# 17
Delta R.T. -0.000 min
Lab File: VW020319.D
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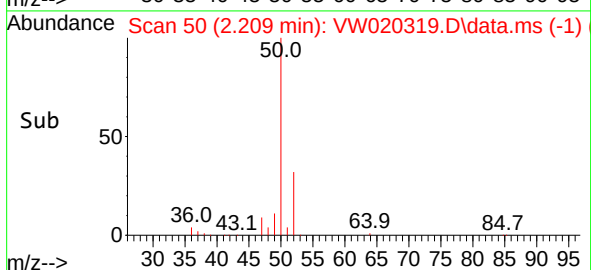
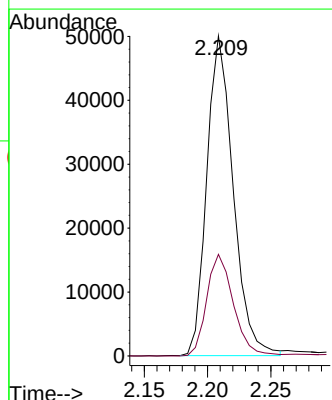
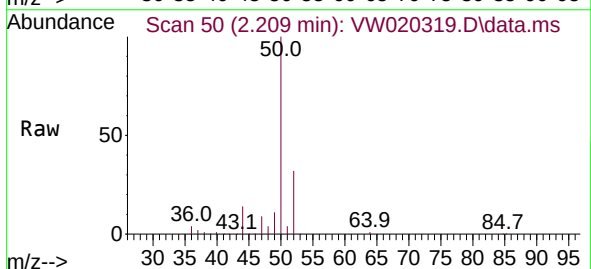
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MSVOA_W
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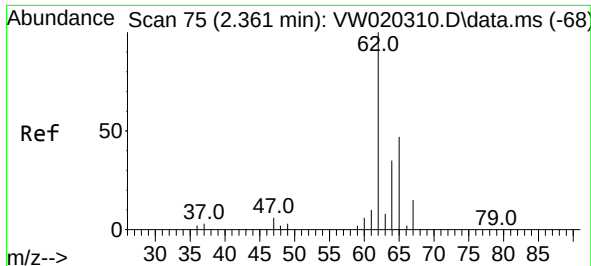
Tgt Ion: 85 Resp: 33187
Ion Ratio Lower Upper
85 100
87 31.6 24.9 37.3



#3
Chloromethane
Concen: 29.879 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 50 Resp: 72844
Ion Ratio Lower Upper
50 100
52 31.8 21.5 39.9

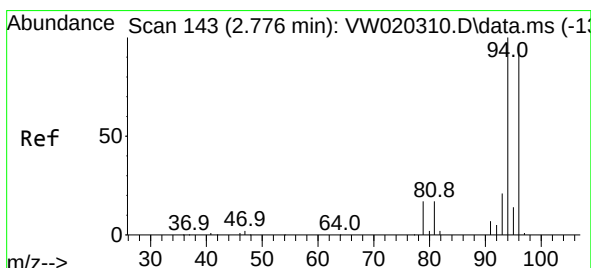
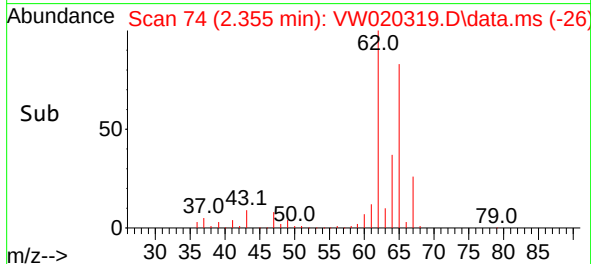
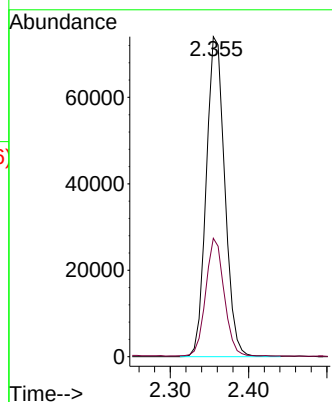
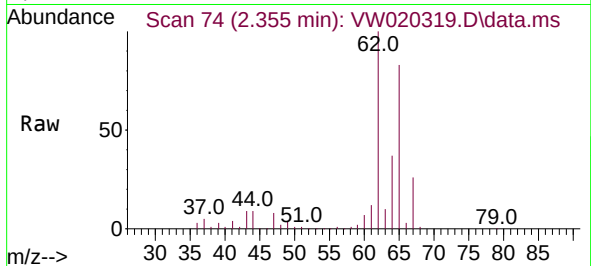




#5
 Vinyl chloride
 Concen: 36.660 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW020319.D
 Acq: 06 Oct 2021 16:12

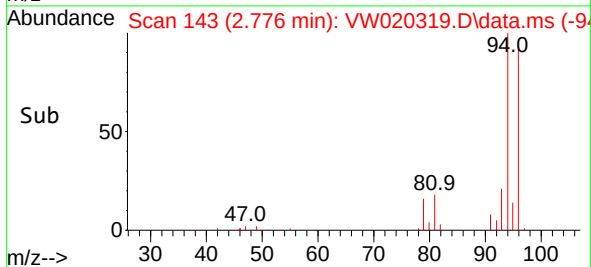
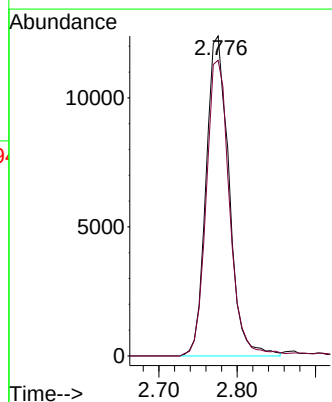
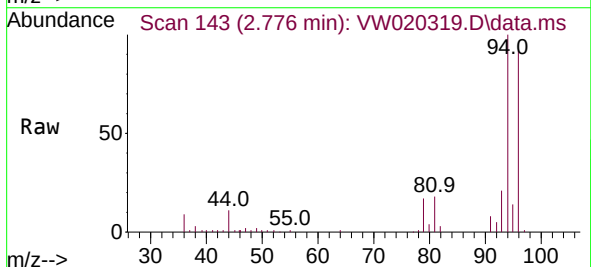
Instrument :
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 ClientSampled :

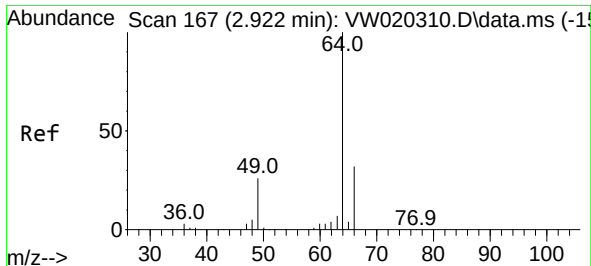
Tgt Ion: 62 Resp: 121570
 Ion Ratio Lower Upper
 62 100
 64 37.0 24.6 45.6



#6
 Bromomethane
 Concen: 19.661 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.000 min
 Lab File: VW020319.D
 Acq: 06 Oct 2021 16:12

Tgt Ion: 94 Resp: 25234
 Ion Ratio Lower Upper
 94 100
 96 92.4 67.8 126.0

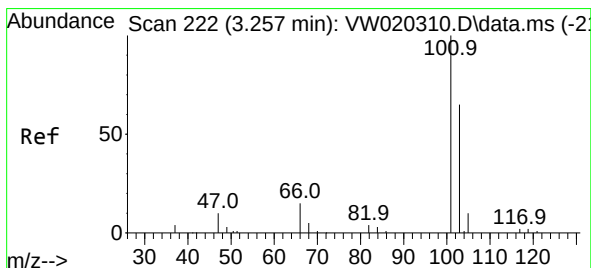
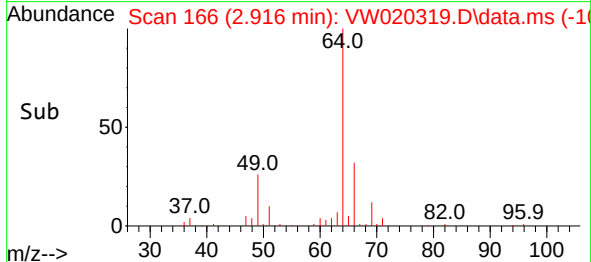
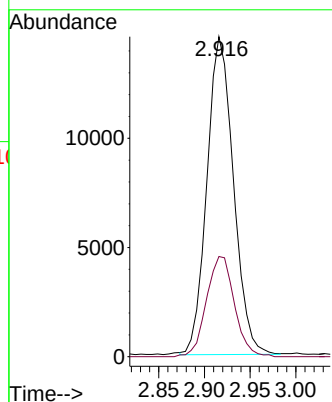
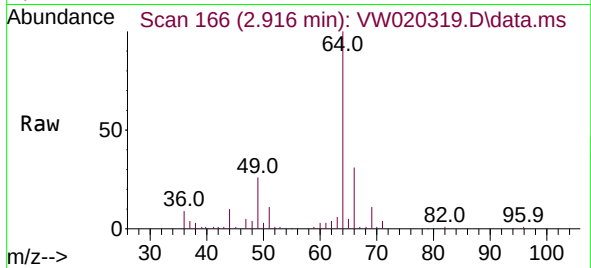




#8
Chloroethane
Concen: 29.674 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

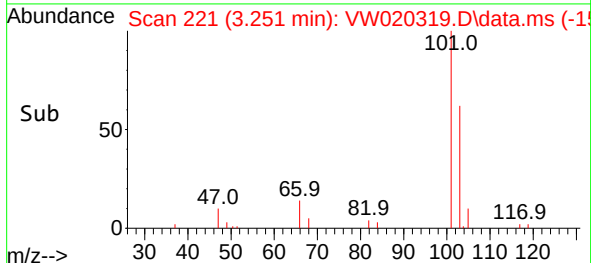
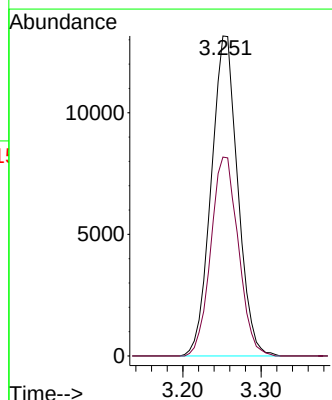
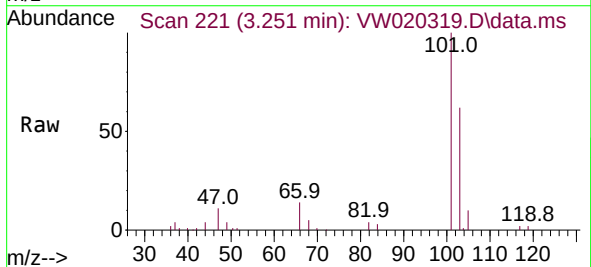
Instrument :
MSVOA_W
ClientSampleId :

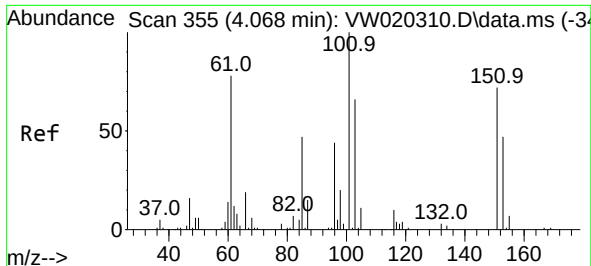
Tgt Ion: 64 Resp: 29418
Ion Ratio Lower Upper
64 100
66 31.3 21.2 39.4



#9
Trichlorofluoromethane
Concen: 18.032 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion:101 Resp: 30981
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4

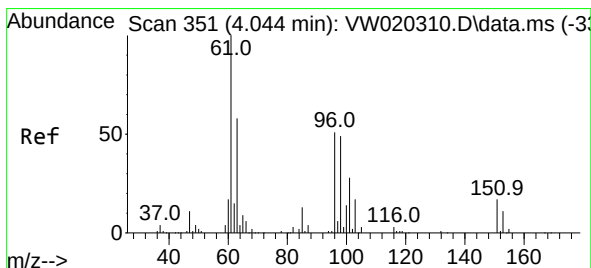
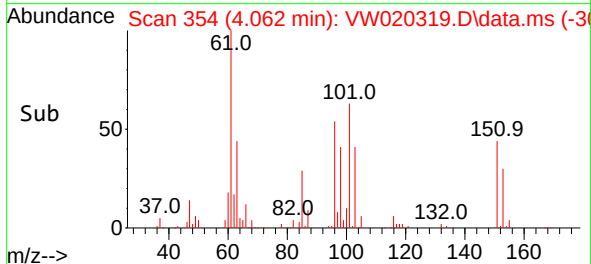
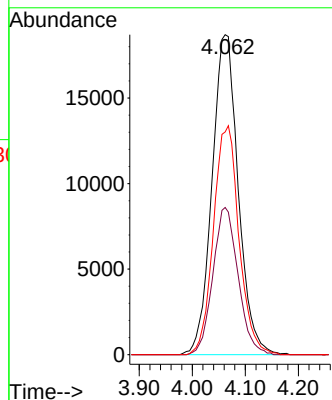
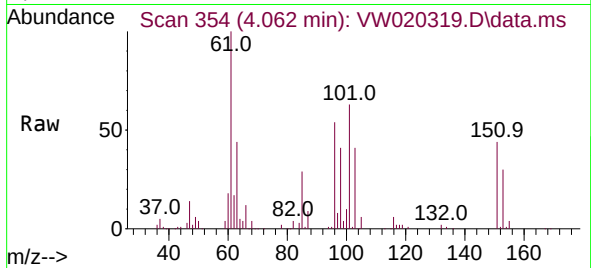




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 24.012 ug/L
RT: 4.062 min Scan# 354
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

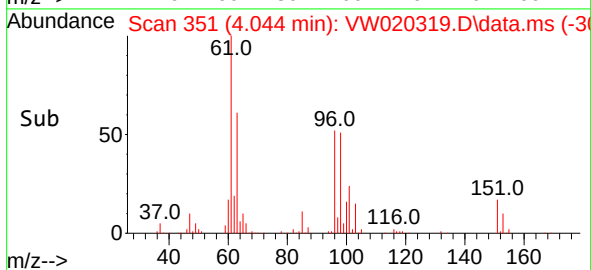
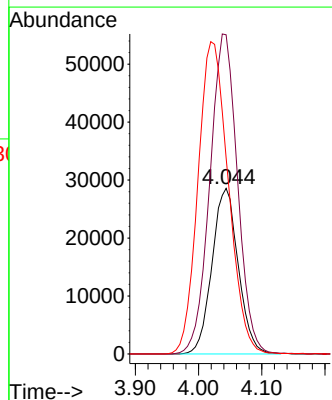
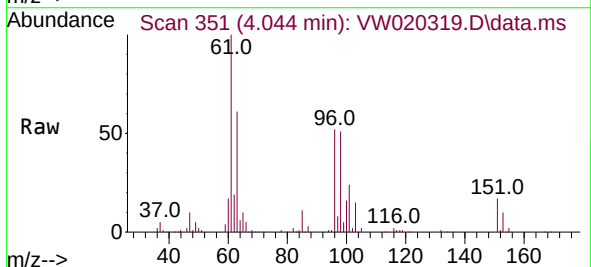
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ClientSampled :

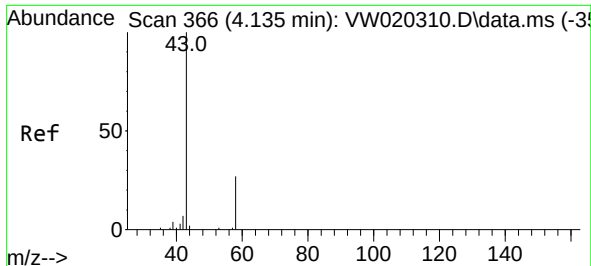
Tgt Ion:101 Resp: 64311
Ion Ratio Lower Upper
101 100
85 44.2 36.3 54.5
151 69.7 56.5 84.7



#12
1,1-Dichloroethene
Concen: 32.444 ug/L
RT: 4.044 min Scan# 351
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 96 Resp: 82162
Ion Ratio Lower Upper
96 100
61 192.8 133.9 248.7
63 118.5 77.3 143.7

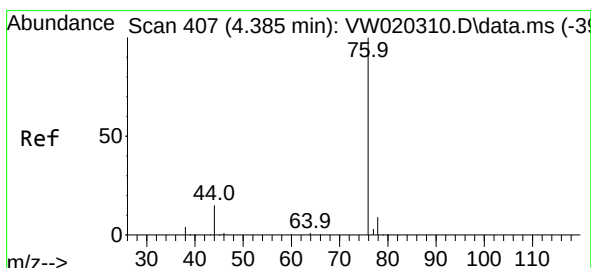
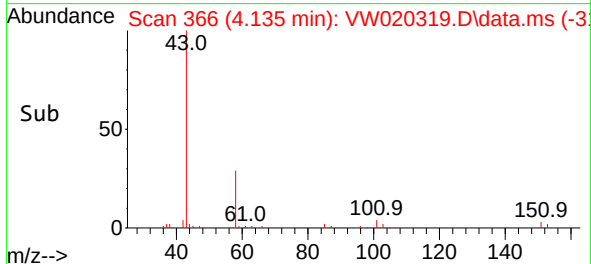
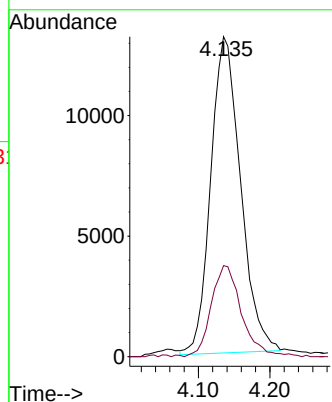
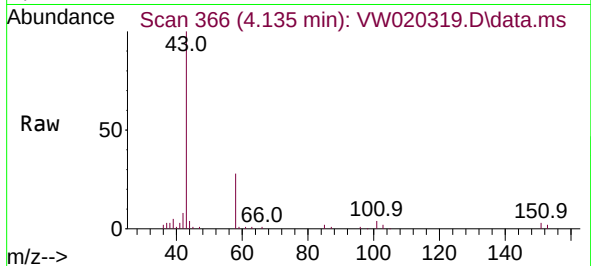




#13
Acetone
Concen: 58.056 ug/L
RT: 4.135 min Scan# 366
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

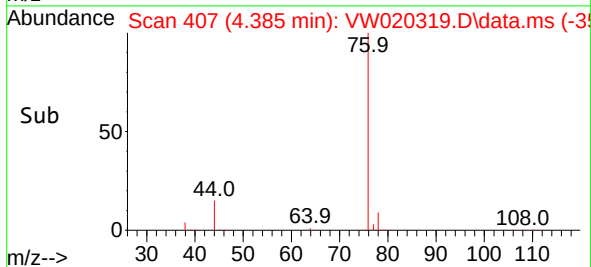
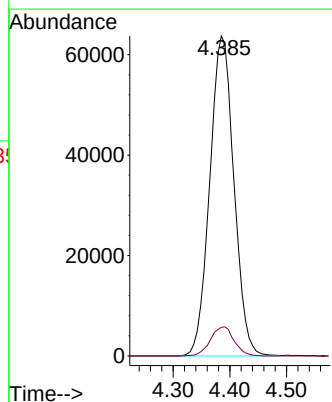
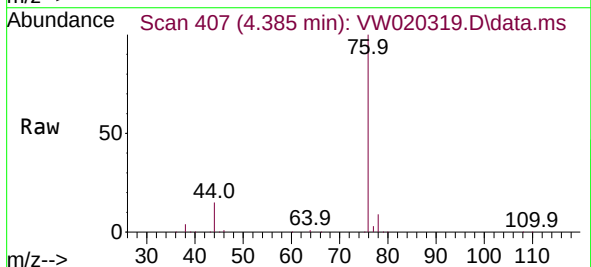
Instrument :
MSVOA_W
ClientSampled :

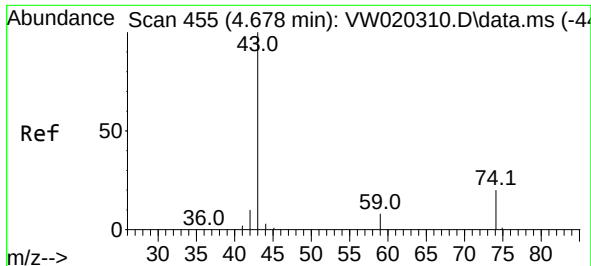
Tgt Ion: 43 Resp: 38030
Ion Ratio Lower Upper
43 100
58 29.0 0.0 58.4



#14
Carbon disulfide
Concen: 22.633 ug/L
RT: 4.385 min Scan# 407
Delta R.T. -0.000 min
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Acq: 06 Oct 2021 16:12

Tgt Ion: 76 Resp: 188426
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.2

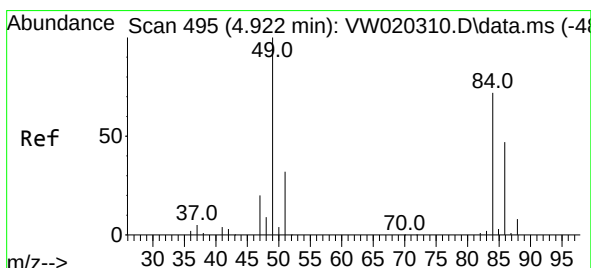
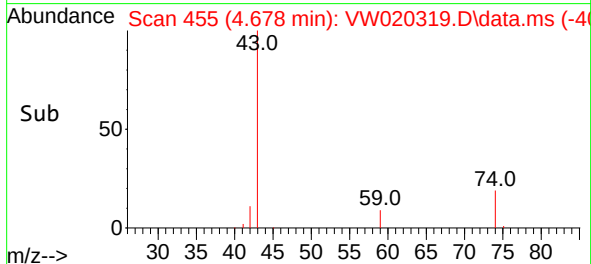
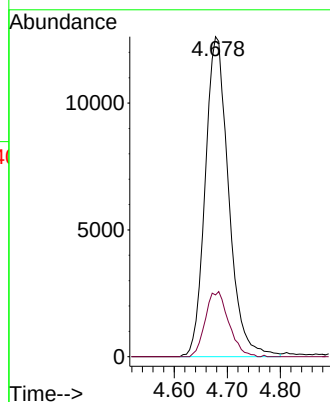
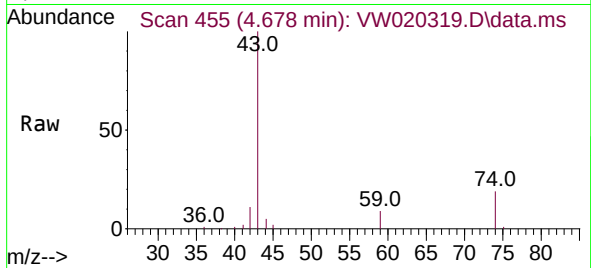




#15
Methyl Acetate
Concen: 32.339 ug/L
RT: 4.678 min Scan# 455
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

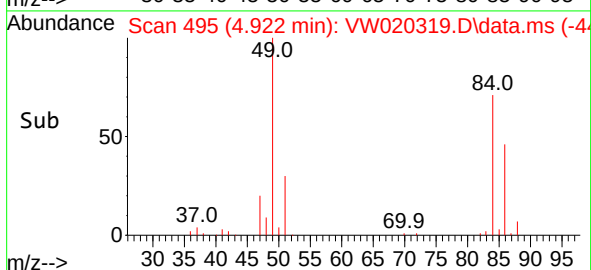
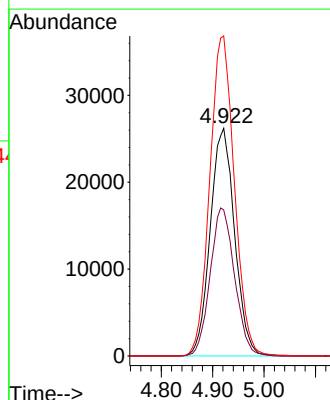
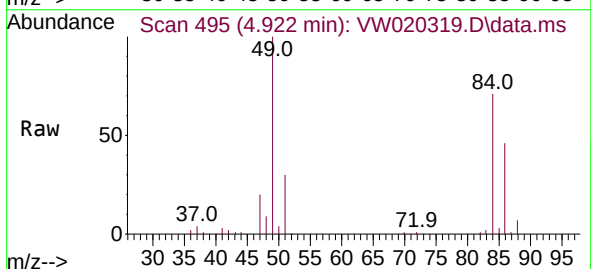
Instrument :
MSVOA_W
ClientSampled :

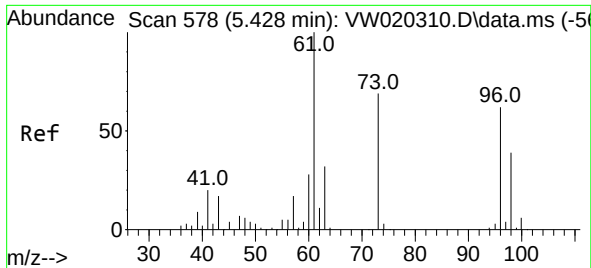
Tgt Ion: 43 Resp: 38715
Ion Ratio Lower Upper
43 100
74 20.3 16.1 24.1



#16
Methylene chloride
Concen: 26.573 ug/L
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 84 Resp: 86361
Ion Ratio Lower Upper
84 100
86 64.2 44.7 83.1
49 140.5 101.7 188.9

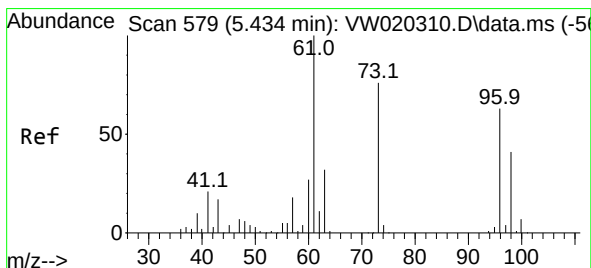
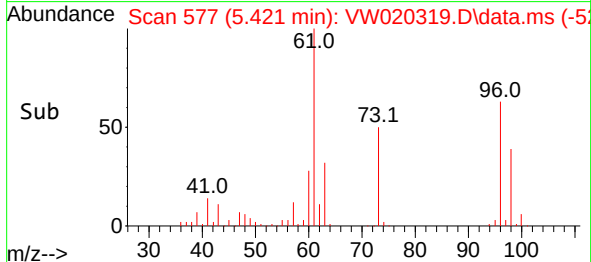
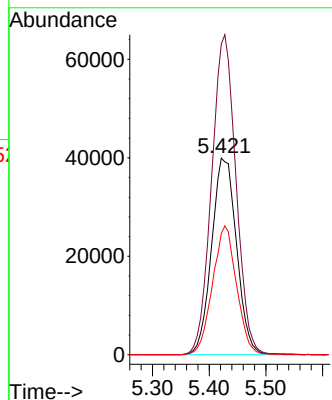
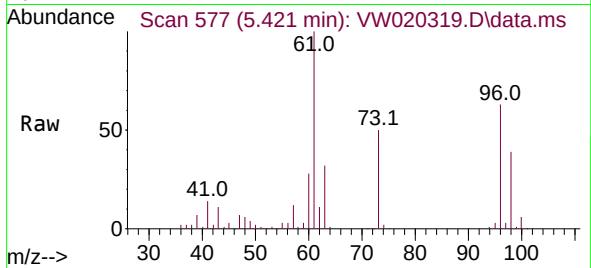




#17
trans-1,2-Dichloroethene
Concen: 46.113 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

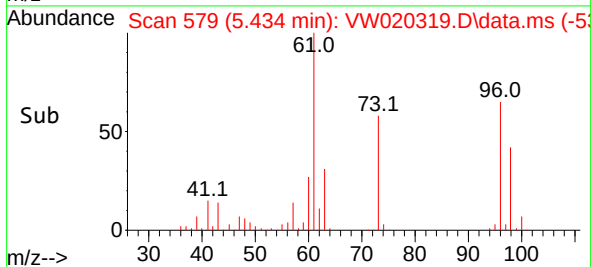
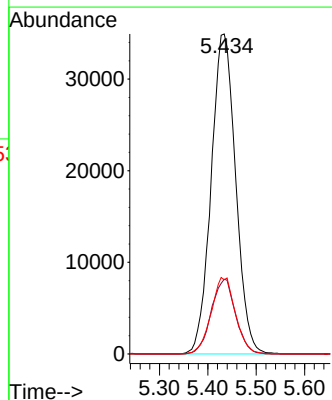
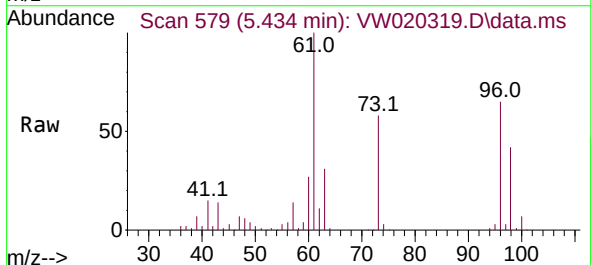
Instrument :
MSVOA_W
ClientSampled :

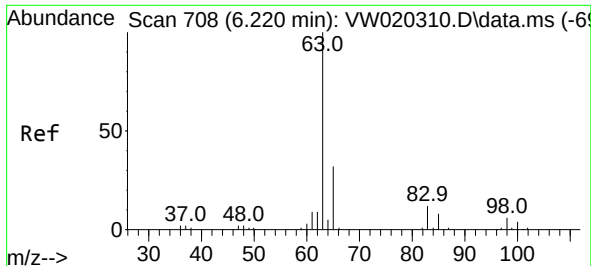
Tgt Ion: 96 Resp: 122251
Ion Ratio Lower Upper
96 100
61 158.0 110.7 205.5
98 61.7 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 35.857 ug/L
RT: 5.434 min Scan# 579
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 73 Resp: 122911
Ion Ratio Lower Upper
73 100
43 23.2 18.9 28.3
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 27.757 ug/L

RT: 6.220 min Scan# 708

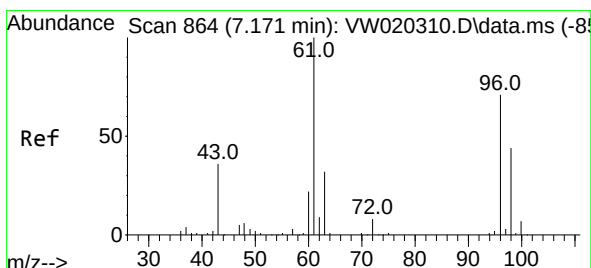
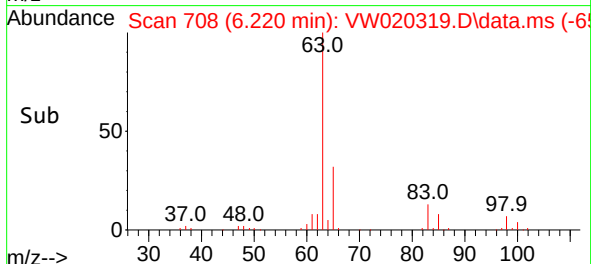
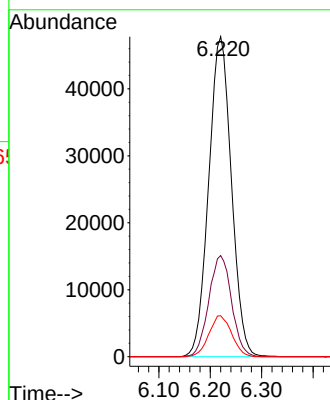
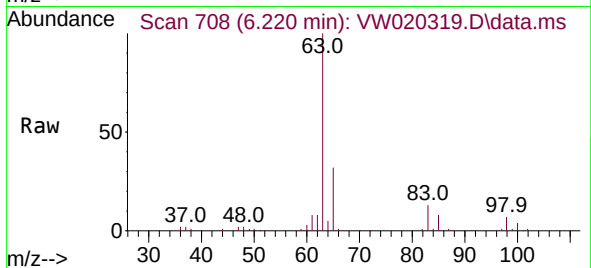
Delta R.T. -0.000 min

Lab File: VW020319.D

Acq: 06 Oct 2021 16:12

Tgt Ion:	63	Resp:	146352
Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	12.8	9.0	16.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 851.391 ug/L

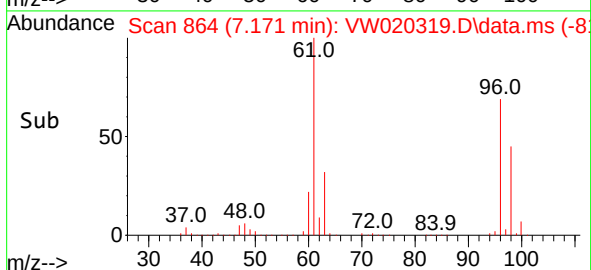
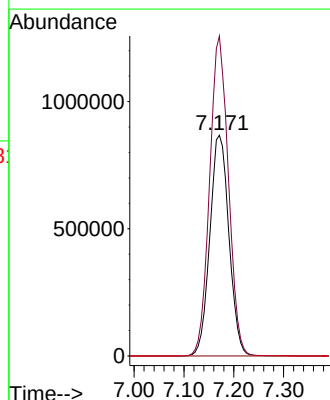
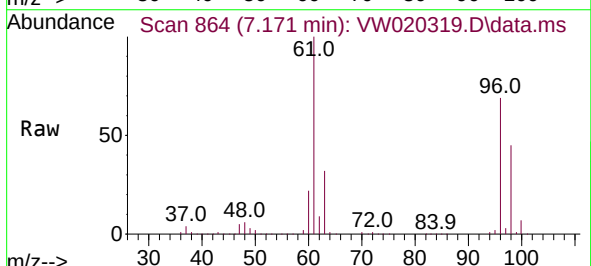
RT: 7.171 min Scan# 864

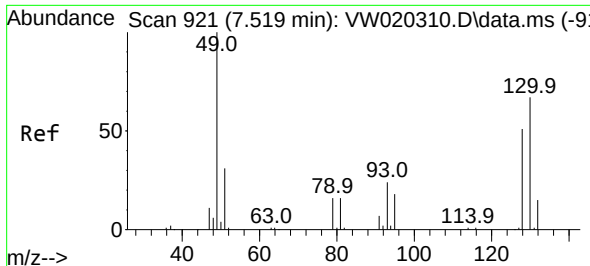
Delta R.T. -0.000 min

Lab File: VW020319.D

Acq: 06 Oct 2021 16:12

Tgt Ion:	96	Resp:	2308210
Ion	Ratio	Lower	Upper
96	100		
61	144.9	100.3	186.3
68	0.0	0.0	0.0

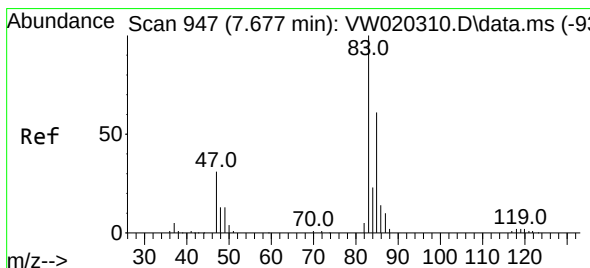
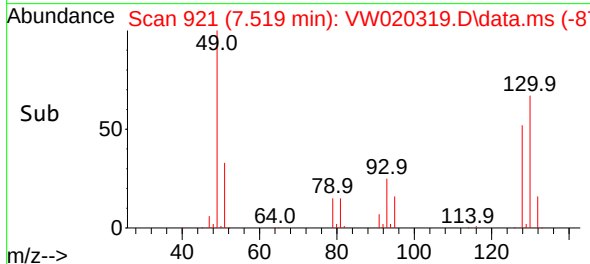
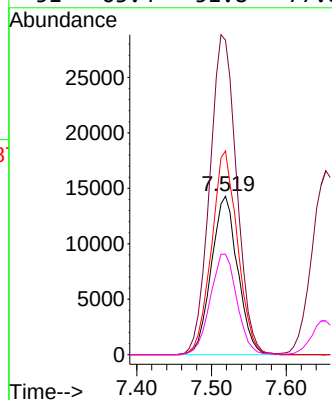
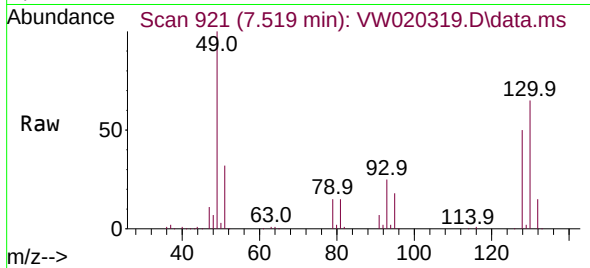




#23
Bromochloromethane
Concen: 30.525 ug/L
RT: 7.519 min Scan# 921
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

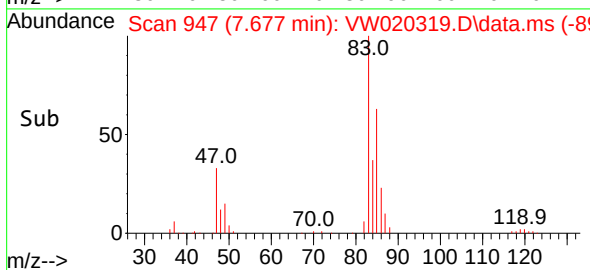
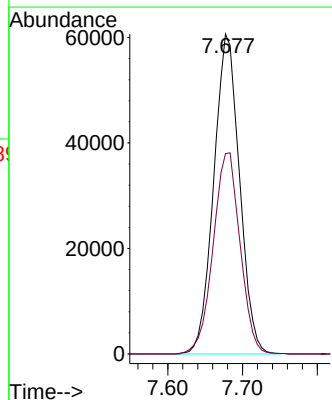
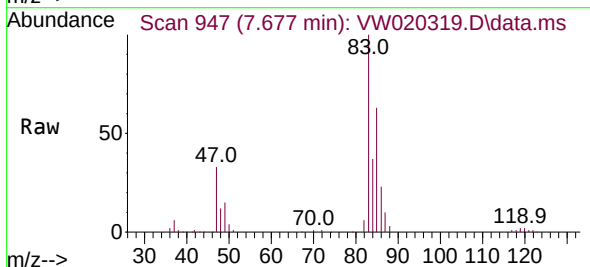
Instrument :
MSVOA_W
ClientSampled :

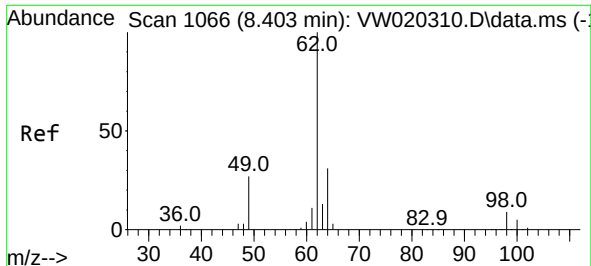
Tgt Ion:128 Resp: 35049
Ion Ratio Lower Upper
128 100
49 198.5 144.1 267.7
130 128.6 89.2 165.6
51 63.4 51.8 77.8



#25
Chloroform
Concen: 28.802 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 83 Resp: 145241
Ion Ratio Lower Upper
83 100
85 62.6 44.6 82.8

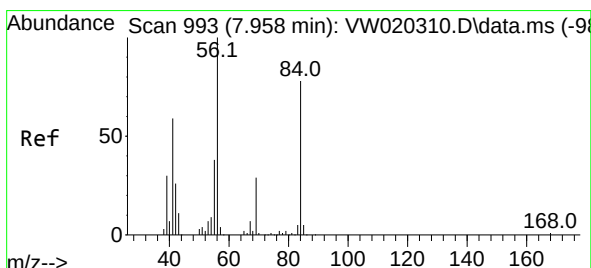
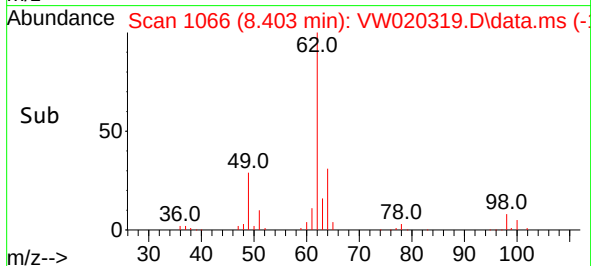
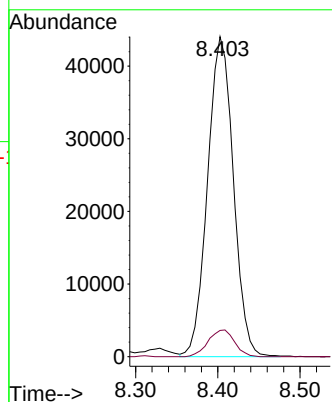
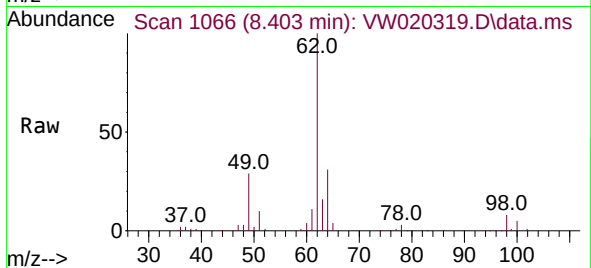




#27
1,2-Dichloroethane
Concen: 28.522 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

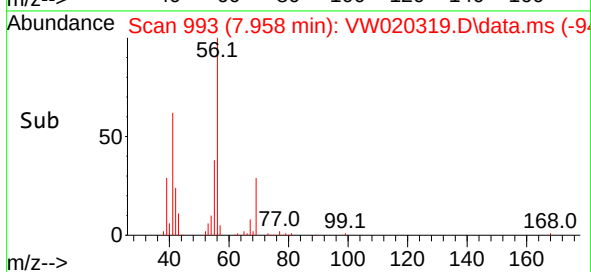
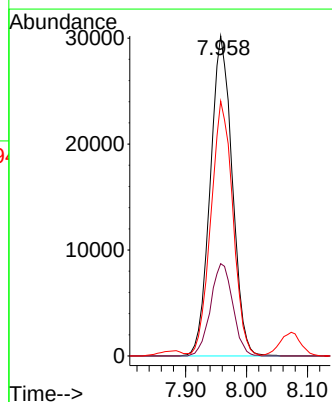
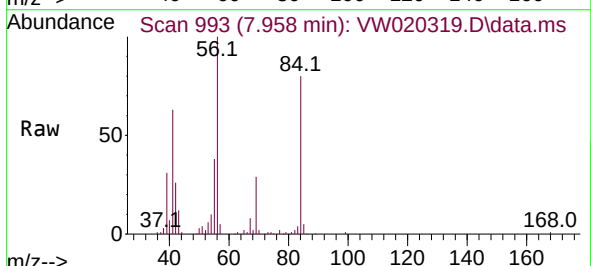
Instrument :
MSVOA_W
ClientSampled :

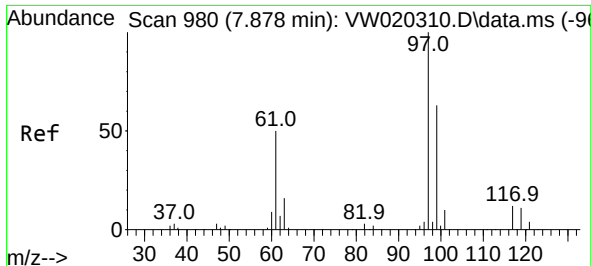
Tgt Ion: 62 Resp: 96074
Ion Ratio Lower Upper
62 100
98 8.2 6.6 10.0



#29
Cyclohexane
Concen: 26.060 ug/L
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 56 Resp: 75745
Ion Ratio Lower Upper
56 100
69 29.1 23.2 34.8
84 79.7 63.7 95.5

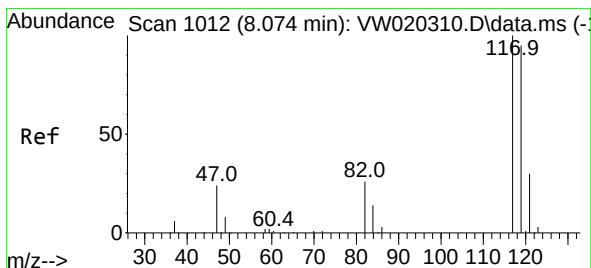
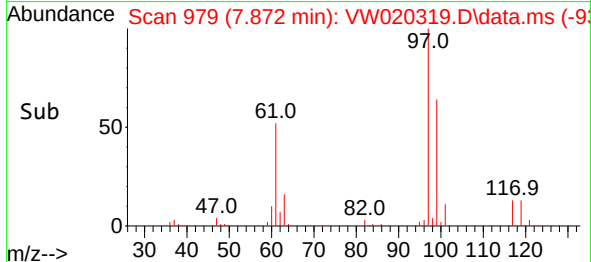
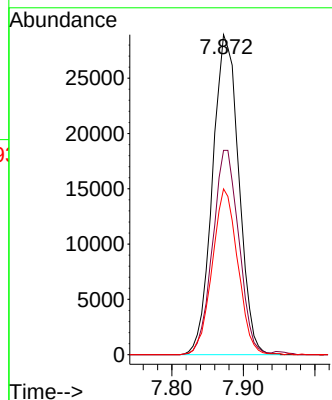
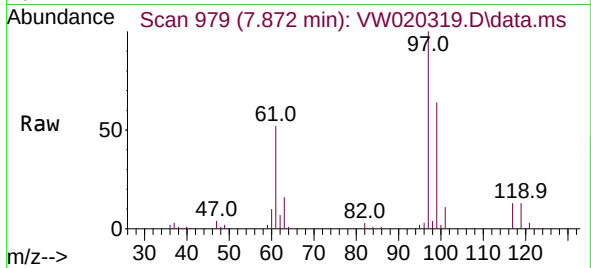




#30
1,1,1-Trichloroethane
Concen: 31.521 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

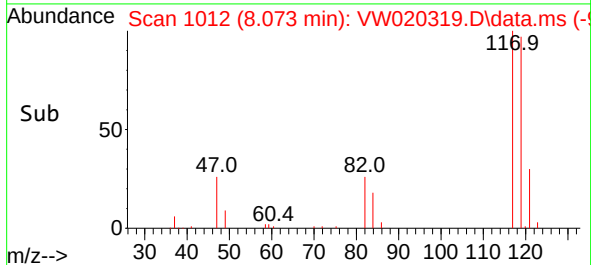
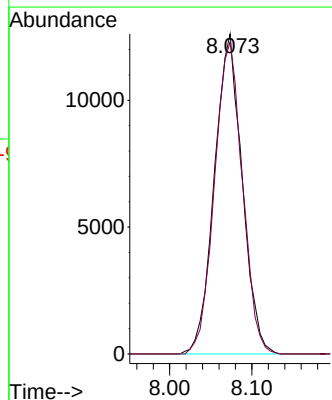
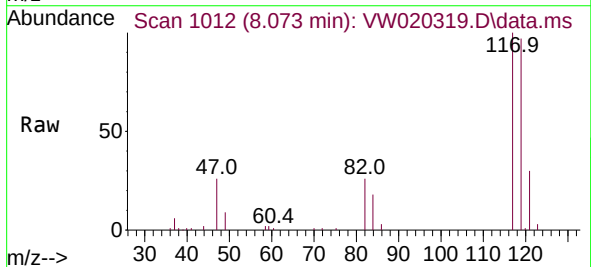
Instrument :
MSVOA_W
ClientSampled :

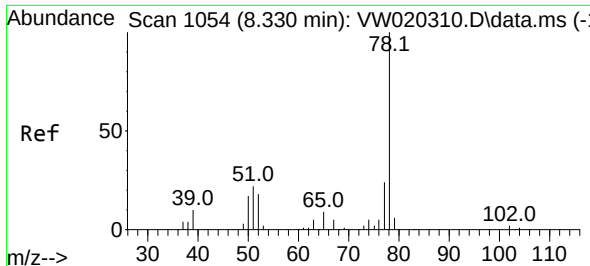
Tgt Ion:	97	Resp:	73919
Ion	Ratio	Lower	Upper
97	100		
99	63.8	51.4	77.0
61	50.3	41.0	61.6



#31
Carbon tetrachloride
Concen: 14.434 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion:	117	Resp:	29549
Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.0	115.4

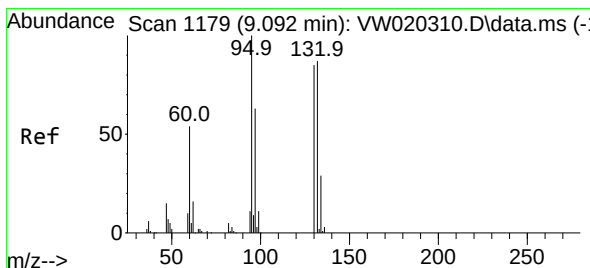
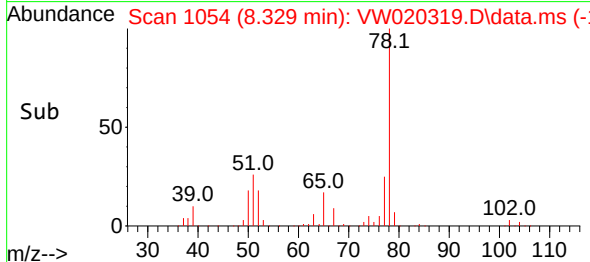
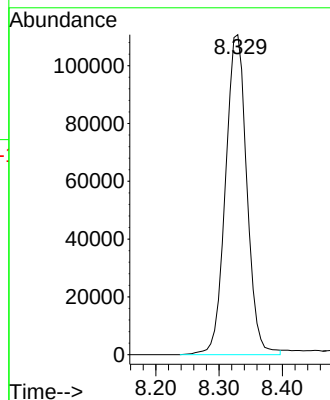
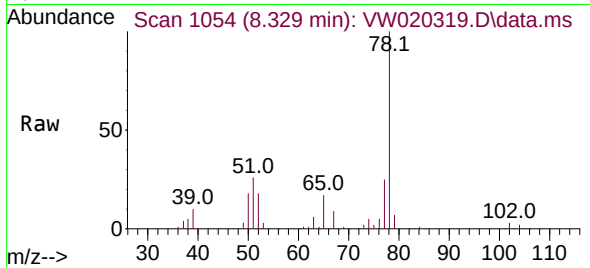




#33
Benzene
Concen: 38.168 ug/L
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Instrument :
MSVOA_W
ClientSampled :

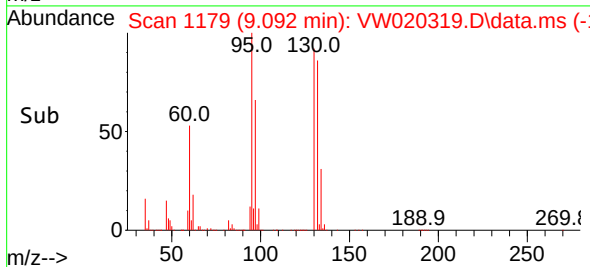
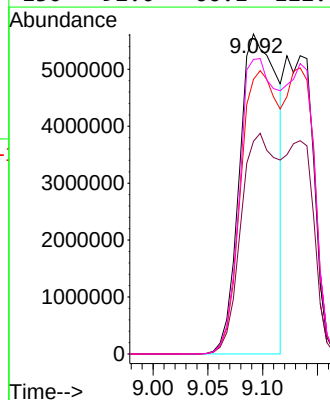
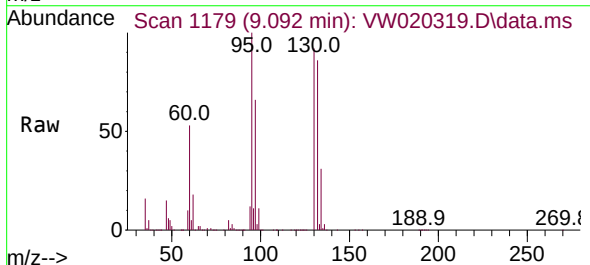
Tgt Ion: 78 Resp: 259501

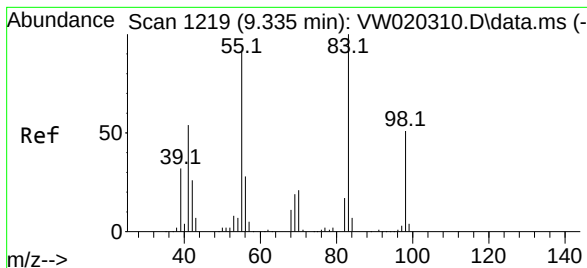


#34
Trichloroethene
Concen: 8092.944 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 95 Resp:13535609

Ion	Ratio	Lower	Upper
95	100		
97	66.4	43.2	80.2
132	85.8	62.3	115.7
130	92.0	66.1	122.7

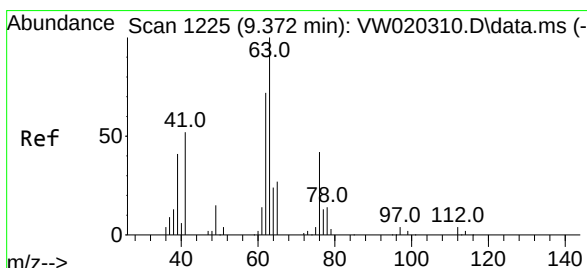
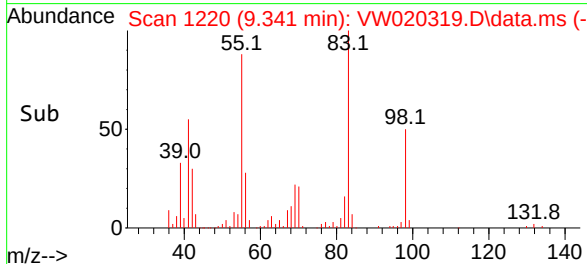
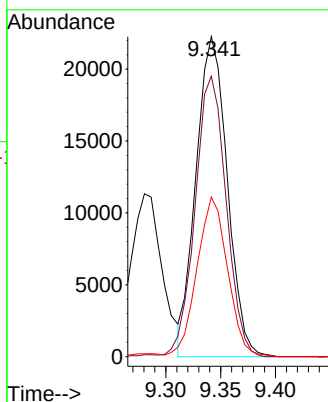
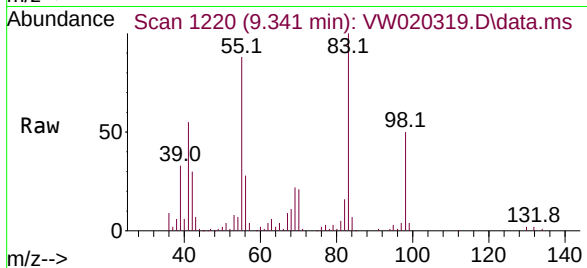




#35
Methylcyclohexane
Concen: 15.137 ug/L
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

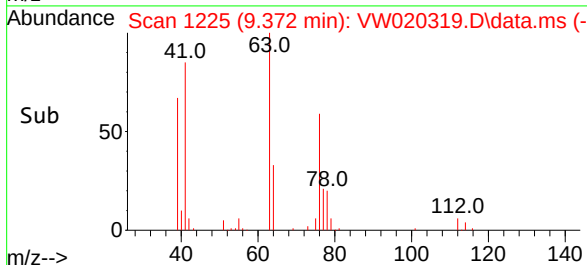
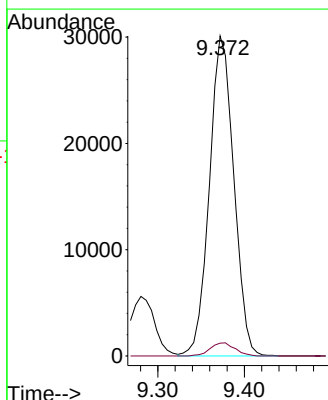
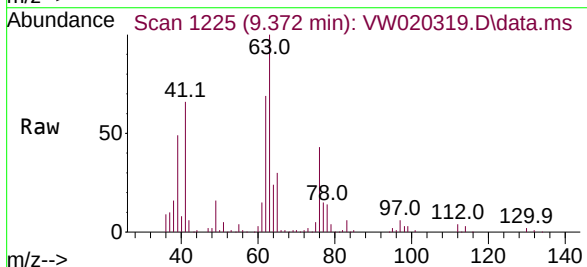
Instrument :
MSVOA_W
ClientSampleId :

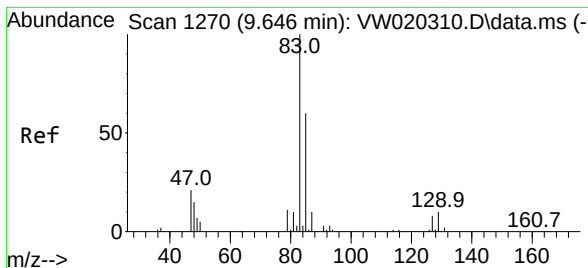
Tgt Ion: 83 Resp: 44163
Ion Ratio Lower Upper
83 100
55 87.1 69.7 104.5
98 48.9 38.2 57.2



#37
1,2-Dichloropropane
Concen: 34.849 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 63 Resp: 59028
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3

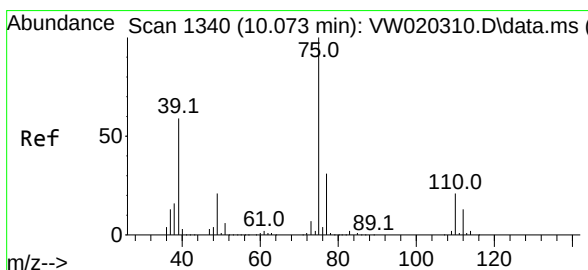
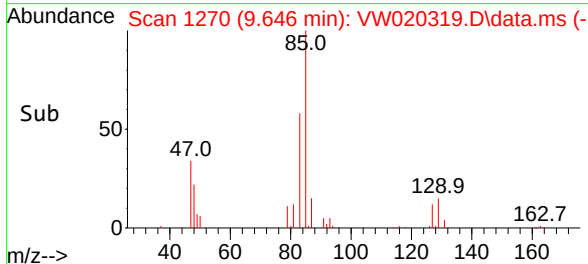
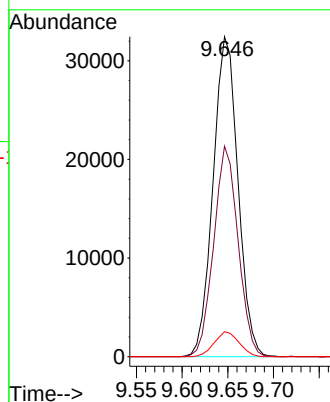
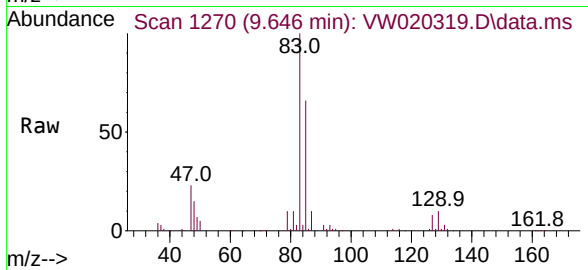




#38
Bromodichloromethane
Concen: 29.786 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

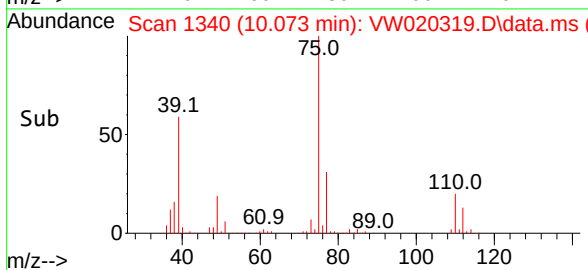
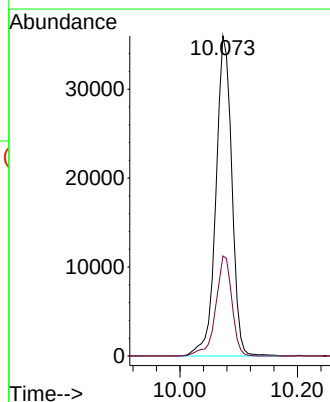
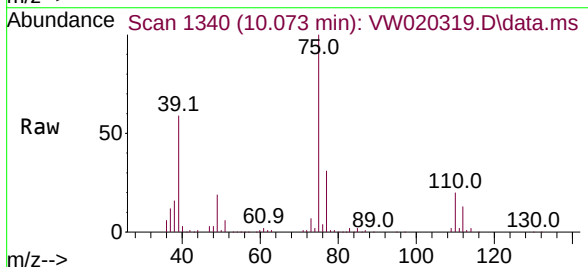
Instrument :
MSVOA_W
ClientSampled :

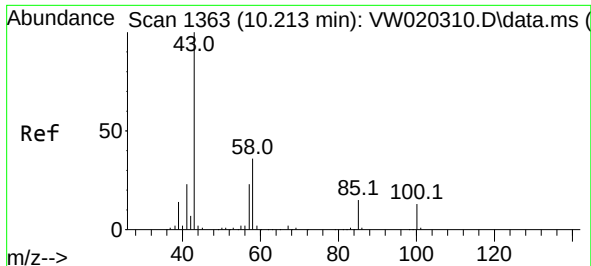
Tgt Ion: 83 Resp: 61473
Ion Ratio Lower Upper
83 100
85 65.8 43.4 80.6
127 7.8 6.2 9.2



#39
cis-1,3-Dichloropropene
Concen: 28.193 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 75 Resp: 67542
Ion Ratio Lower Upper
75 100
77 31.3 22.4 41.6

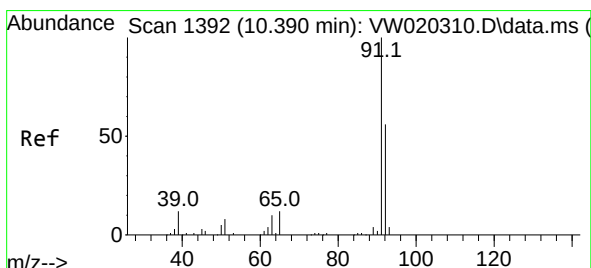
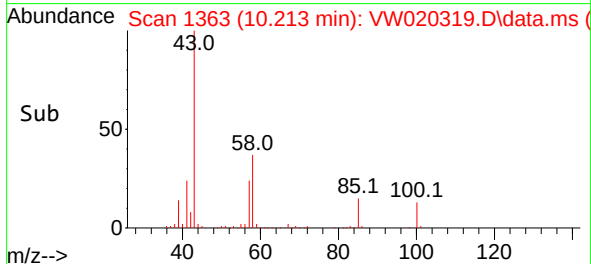
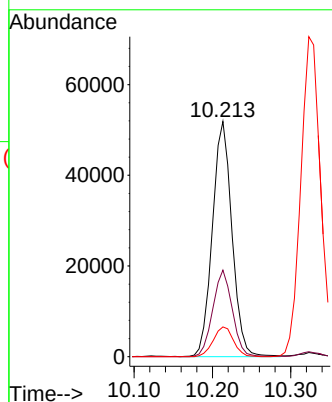
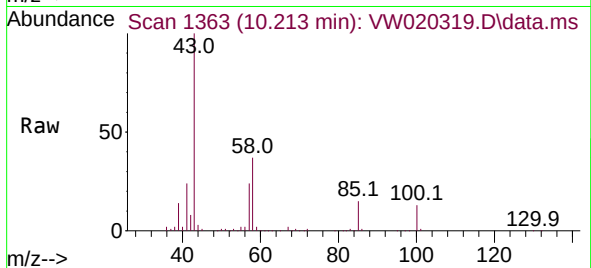




#40
4-Methyl-2-pentanone
Concen: 97.499 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

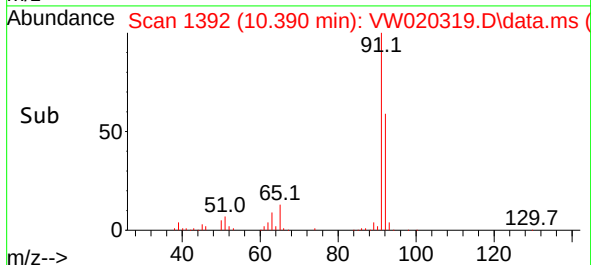
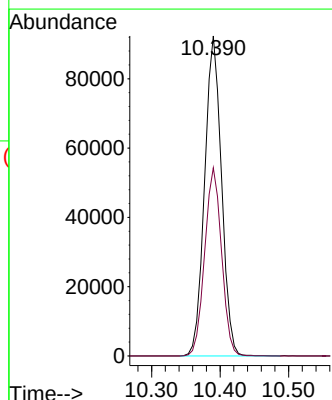
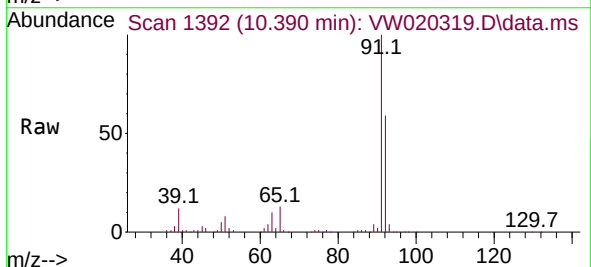
Instrument :
MSVOA_W
ClientSampled :

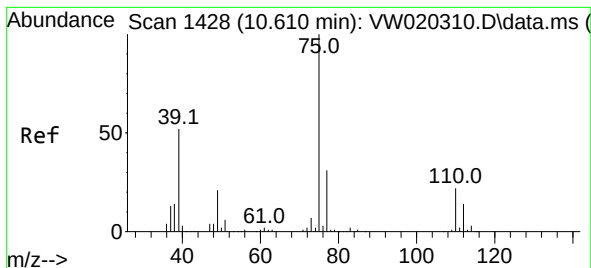
Tgt Ion: 43 Resp: 90212
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.4
100 13.0 10.2 15.4



#42
Toluene
Concen: 23.160 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 91 Resp: 158368
Ion Ratio Lower Upper
91 100
92 58.8 41.5 77.1

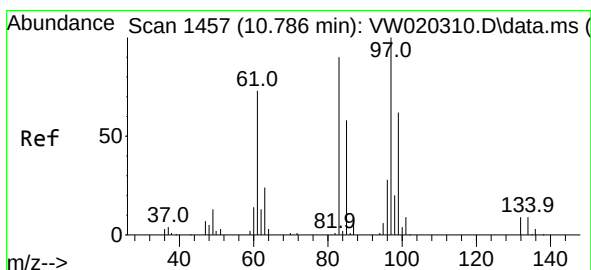
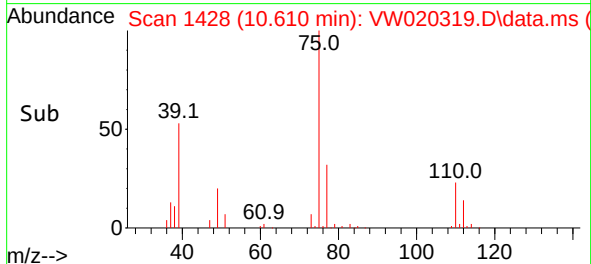
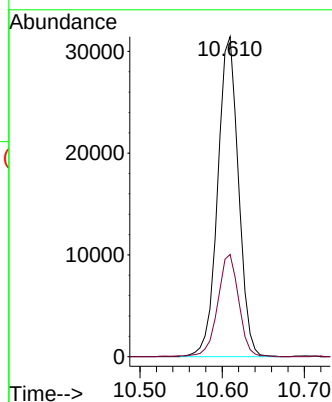
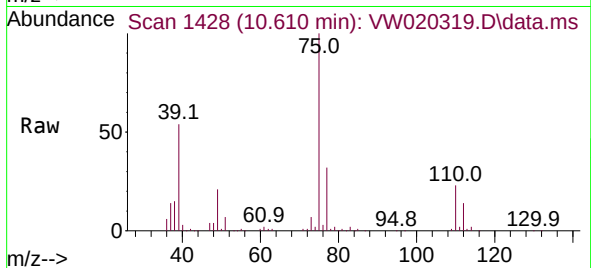




#44
trans-1,3-Dichloropropene
Concen: 26.653 ug/L
RT: 10.610 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

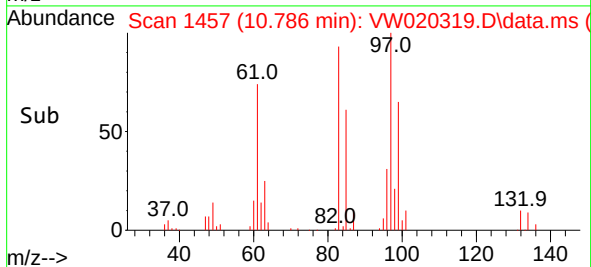
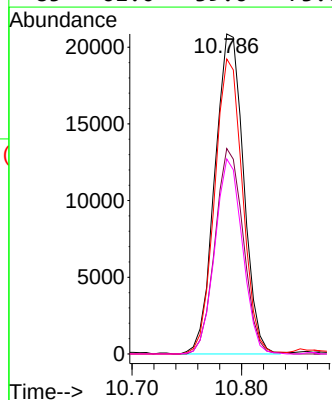
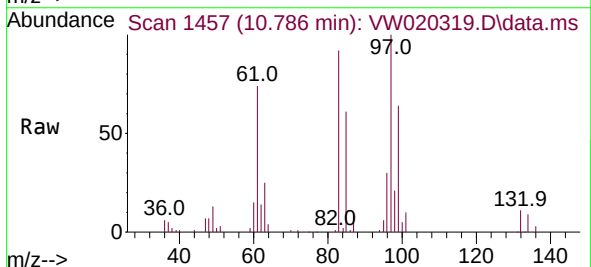
Instrument :
MSVOA_W
ClientSampled :

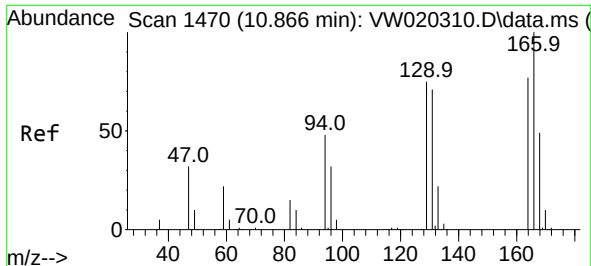
Tgt Ion: 75 Resp: 55300
Ion Ratio Lower Upper
75 100
77 31.9 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 35.553 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 97 Resp: 38096
Ion Ratio Lower Upper
97 100
99 64.2 42.8 79.4
83 92.2 60.9 113.1
85 61.0 39.6 73.6

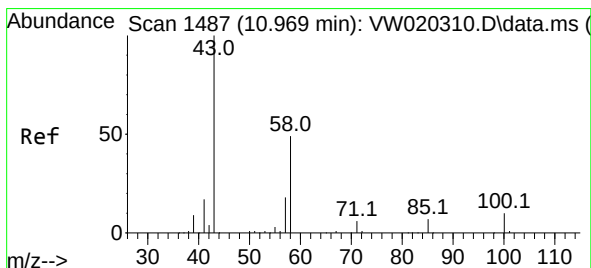
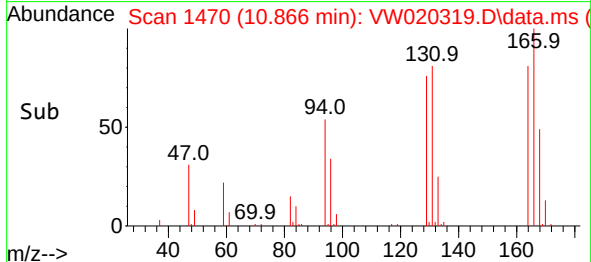
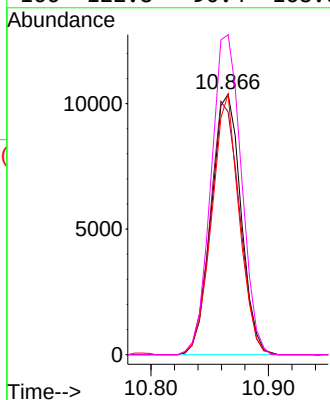
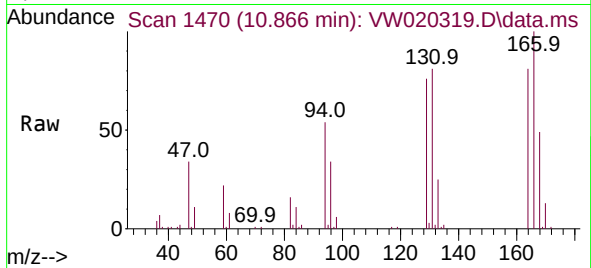




#46
Tetrachloroethene
Concen: 14.777 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

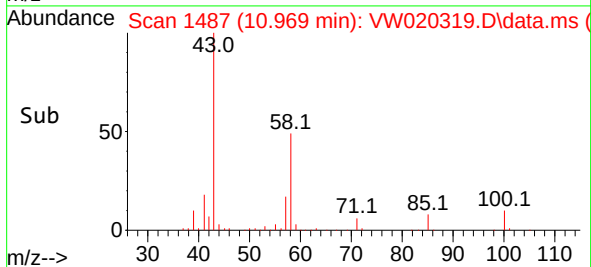
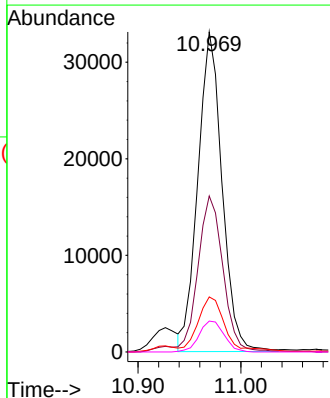
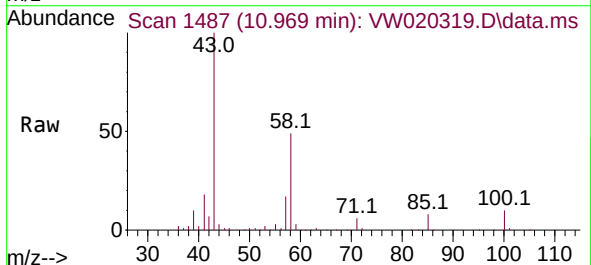
Instrument :
MSVOA_W
ClientSampled :

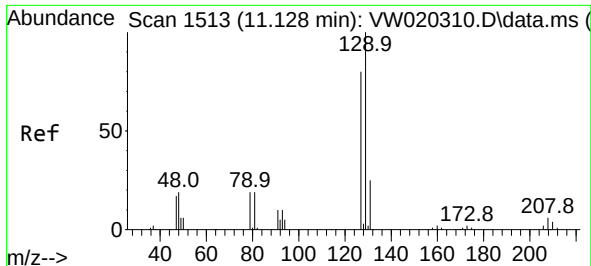
Tgt Ion:164 Resp: 18190
Ion Ratio Lower Upper
164 100
129 93.1 69.1 128.3
131 99.9 58.3 108.3
166 122.8 90.4 168.0



#48
2-Hexanone
Concen: 80.440 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 43 Resp: 54296
Ion Ratio Lower Upper
43 100
58 50.5 39.5 59.3
57 16.2 14.2 21.4
100 10.0 8.2 12.4





#49

Dibromochloromethane

Concen: 26.323 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW020319.D

Acq: 06 Oct 2021 16:12

Tgt Ion:129 Resp: 31653

Ion Ratio Lower Upper

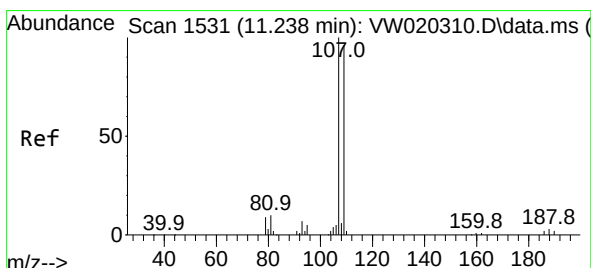
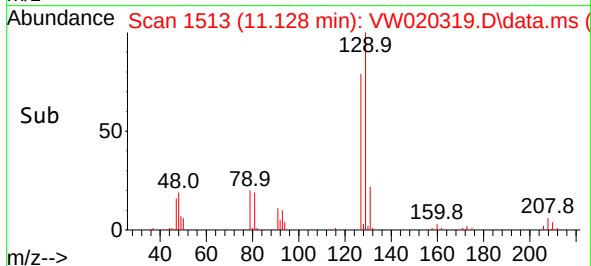
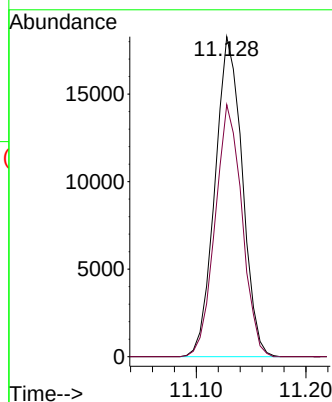
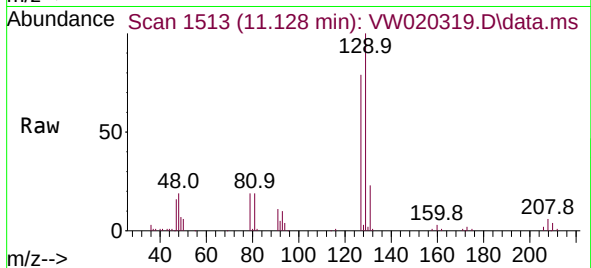
129 100

127 78.8 55.1 102.3

Instrument :

MSVOA_W

ClientSampleId :



#50

1,2-Dibromoethane

Concen: 33.948 ug/L

RT: 11.237 min Scan# 1531

Delta R.T. -0.000 min

Lab File: VW020319.D

Acq: 06 Oct 2021 16:12

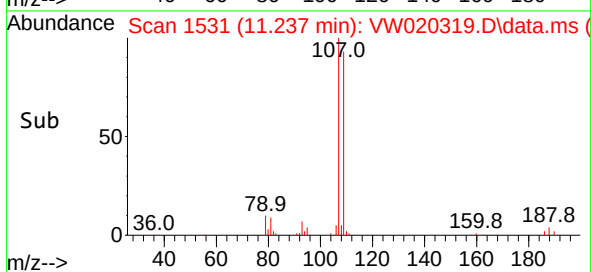
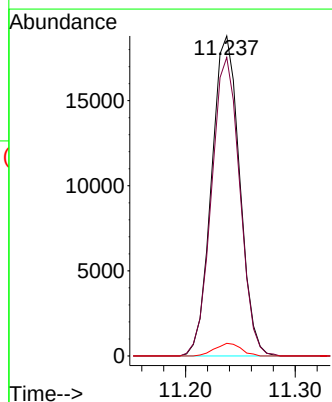
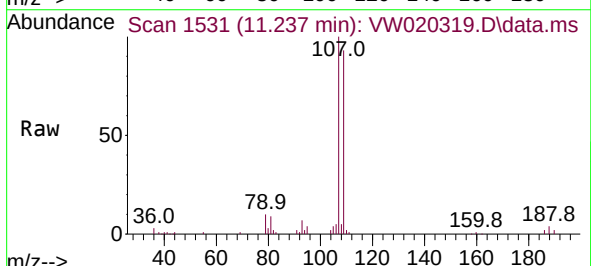
Tgt Ion:107 Resp: 33450

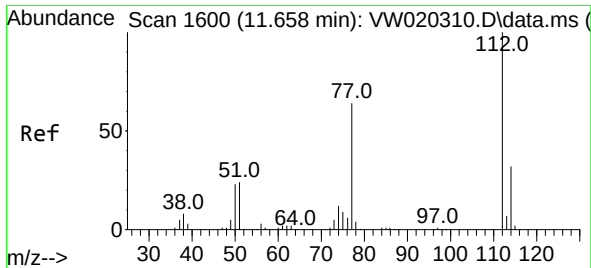
Ion Ratio Lower Upper

107 100

109 93.3 64.5 119.9

188 4.0 3.2 4.8

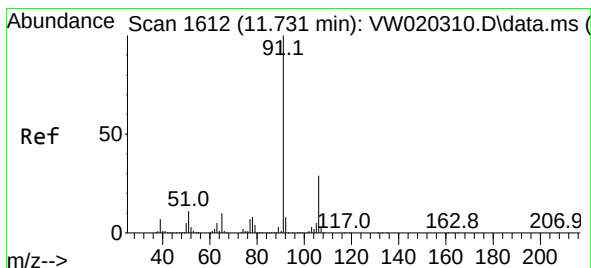
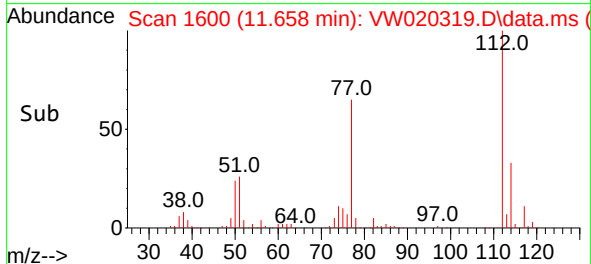
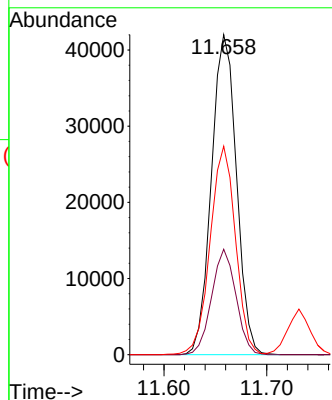
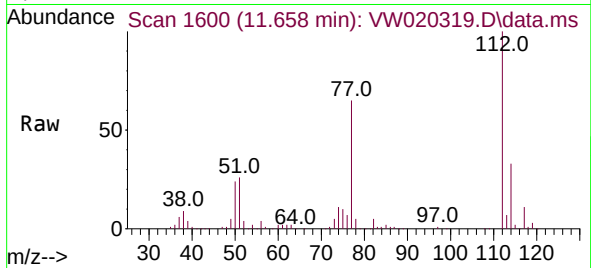




#51
Chlorobenzene
Concen: 17.161 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

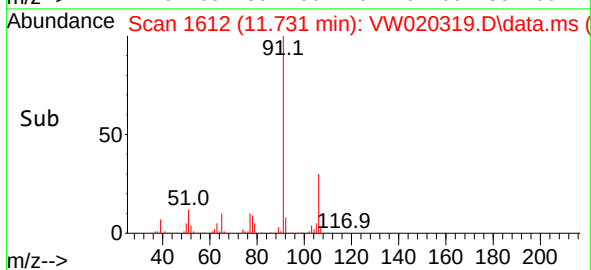
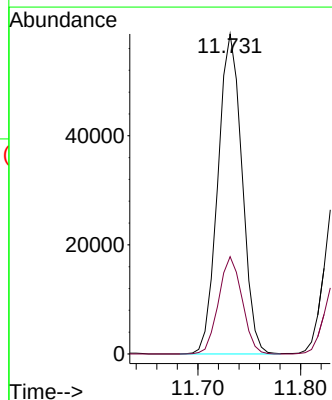
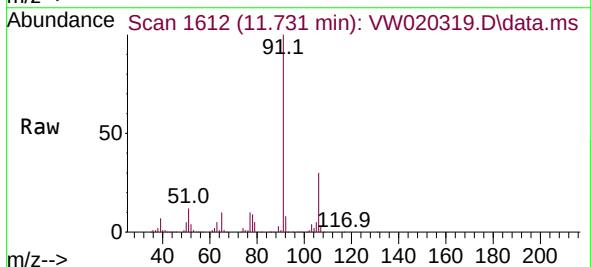
Instrument :
MSVOA_W
ClientSampleId :

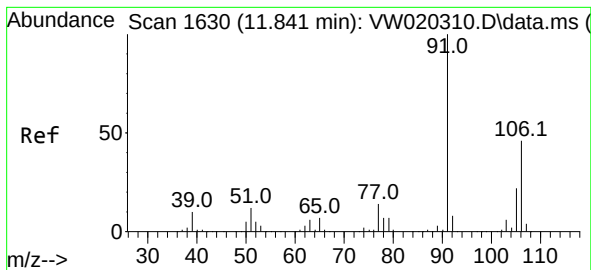
Tgt Ion:112 Resp: 71175
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 65.2 50.7 76.1



#52
Ethylbenzene
Concen: 12.802 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 91 Resp: 95570
Ion Ratio Lower Upper
91 100
106 30.4 21.3 39.5

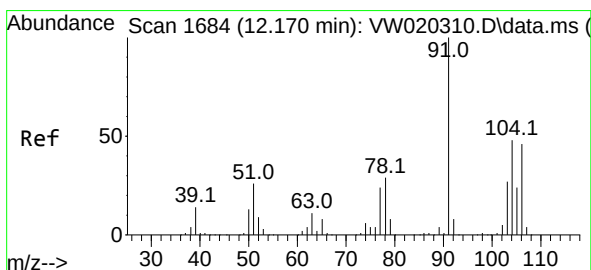
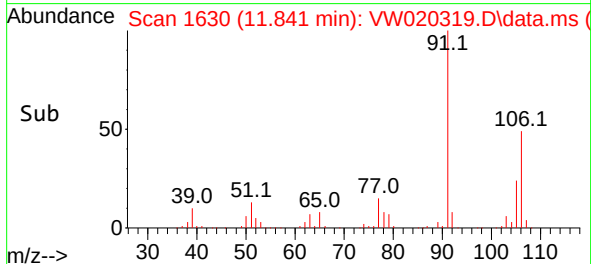
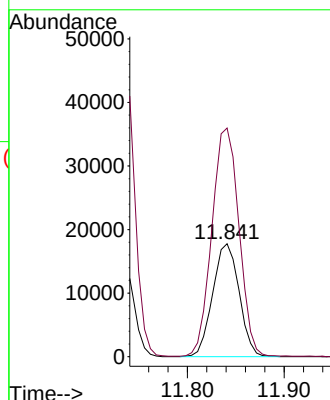
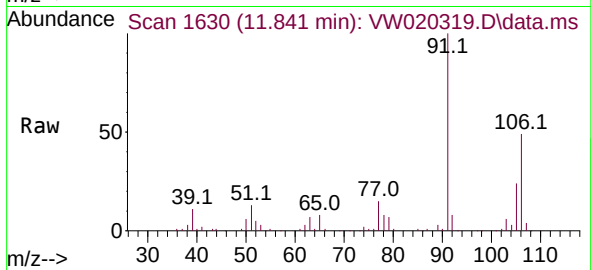




#53
m,p-Xylene
Concen: 12.225 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

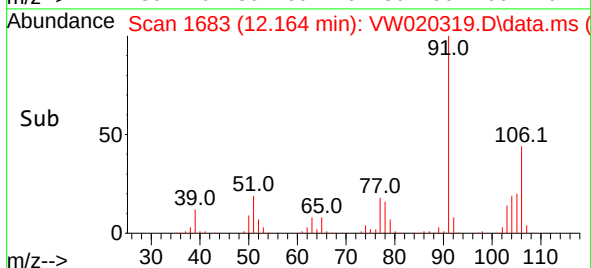
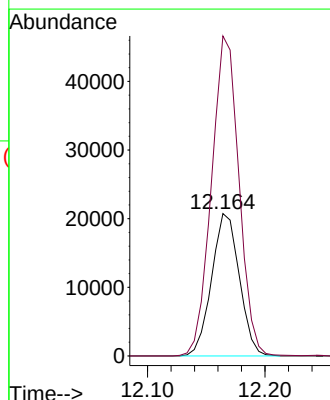
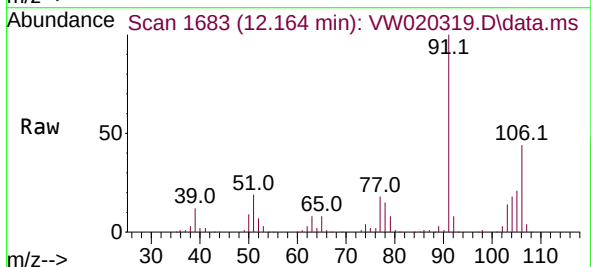
Instrument :
MSVOA_W
ClientSampled :

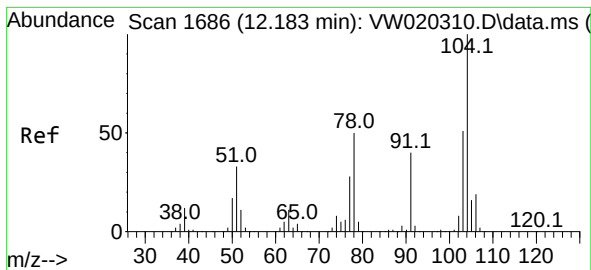
Tgt Ion:106 Resp: 33714
Ion Ratio Lower Upper
106 100
91 202.4 148.2 275.2



#54
o-Xylene
Concen: 13.152 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion:106 Resp: 33965
Ion Ratio Lower Upper
106 100
91 224.8 156.1 289.9

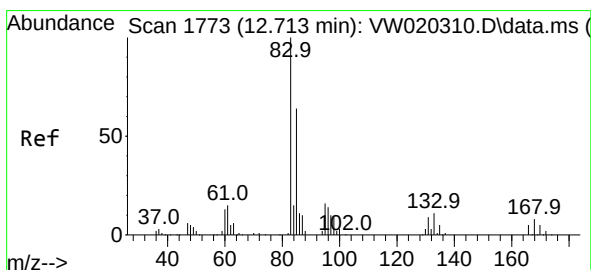
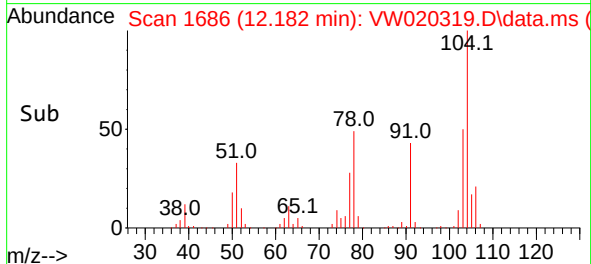
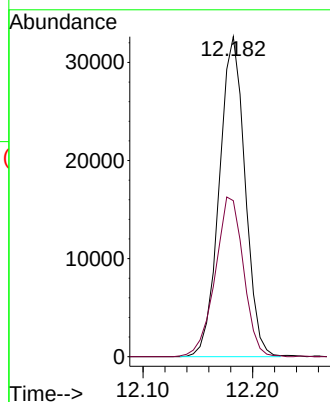
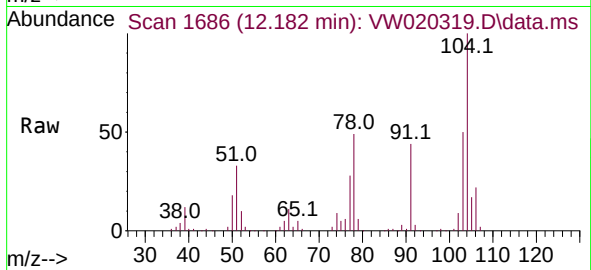




#55
Styrene
Concen: 11.985 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

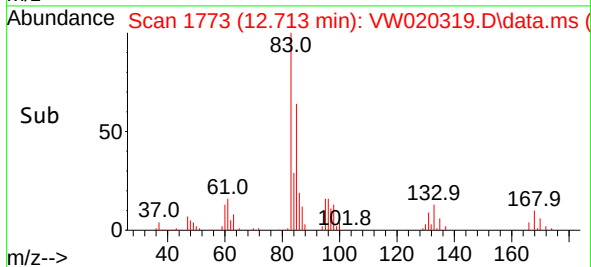
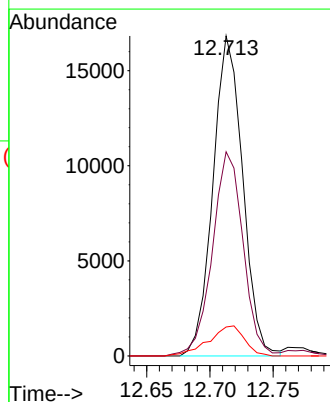
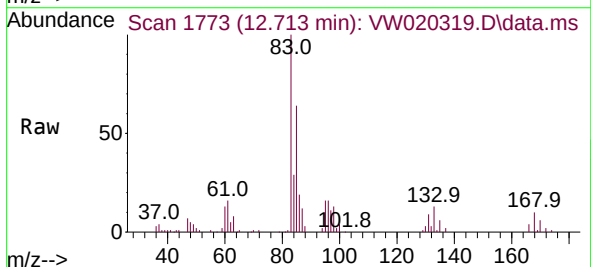
Instrument :
MSVOA_W
ClientSampled :

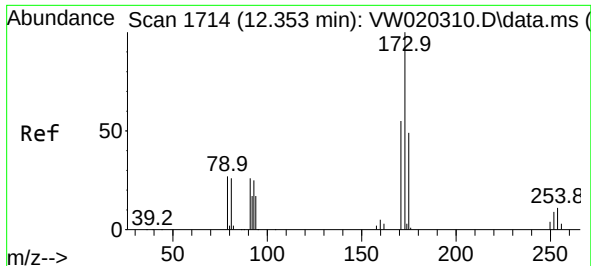
Tgt Ion:104 Resp: 53269
Ion Ratio Lower Upper
104 100
78 48.8 33.2 61.7



#57
1,1,2,2-Tetrachloroethane
Concen: 21.584 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

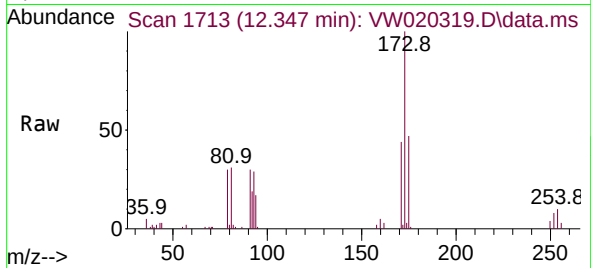
Tgt Ion: 83 Resp: 27497
Ion Ratio Lower Upper
83 100
85 63.8 45.9 85.3
131 9.1 7.4 11.2



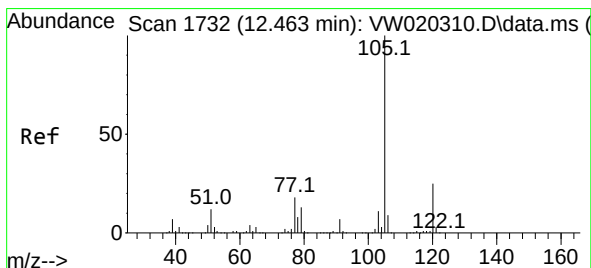
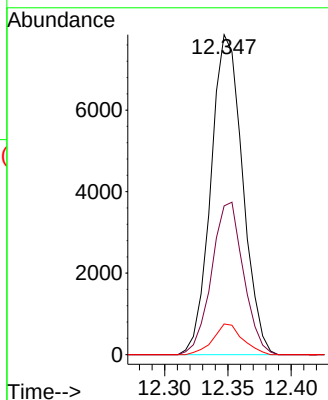
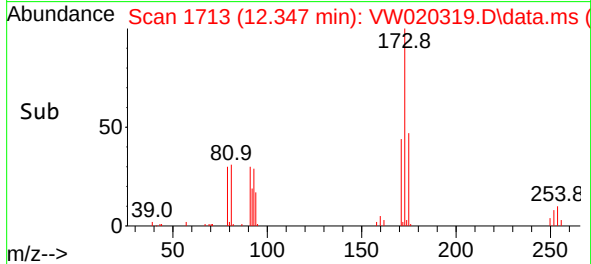


#59
Bromoform
Concen: 46.970 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

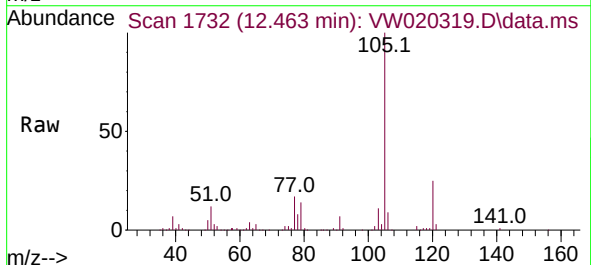
Instrument :
MSVOA_W
ClientSampled :



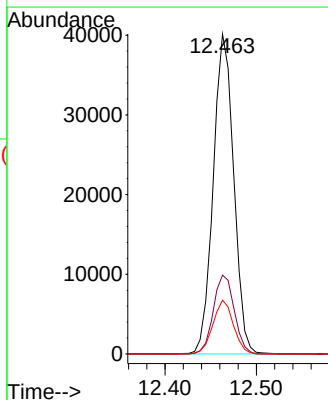
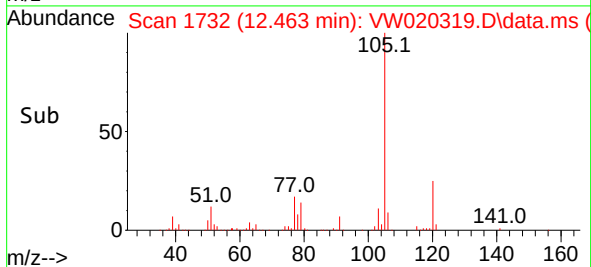
Tgt Ion:173 Resp: 13693
Ion Ratio Lower Upper
173 100
175 47.8 38.6 57.8
254 8.9 7.3 10.9

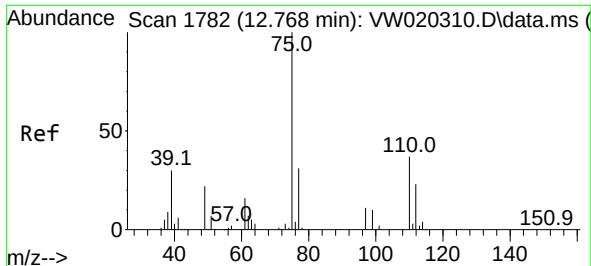


#60
Isopropylbenzene
Concen: 19.284 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12



Tgt Ion:105 Resp: 62463
Ion Ratio Lower Upper
105 100
120 25.1 20.3 30.5
77 16.8 13.8 20.6

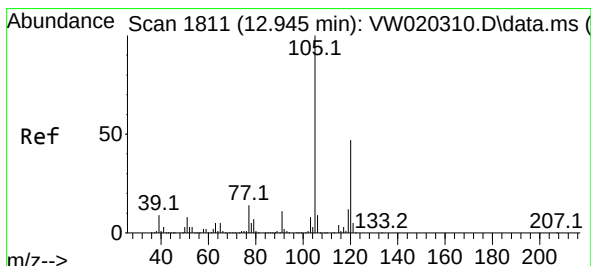
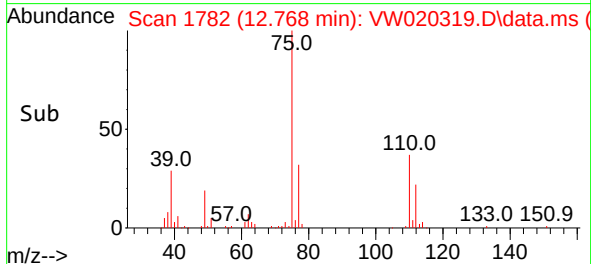
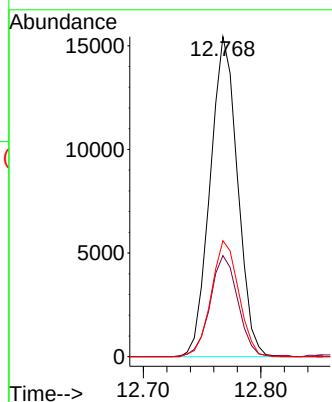
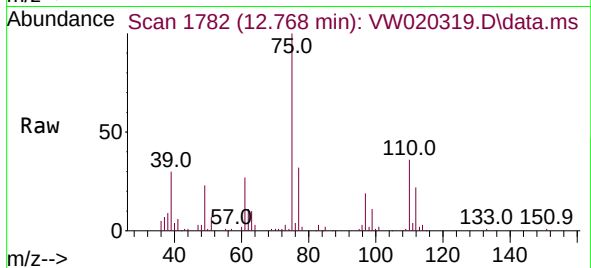




#61
1,2,3-Trichloropropane
Concen: 57.877 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

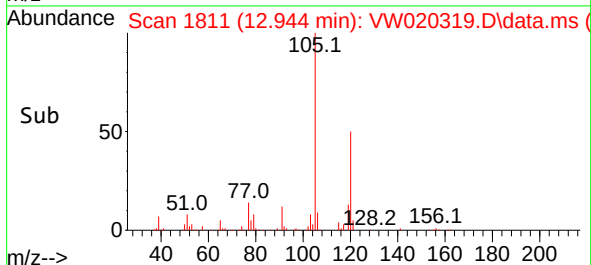
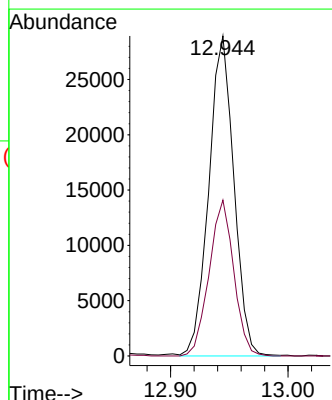
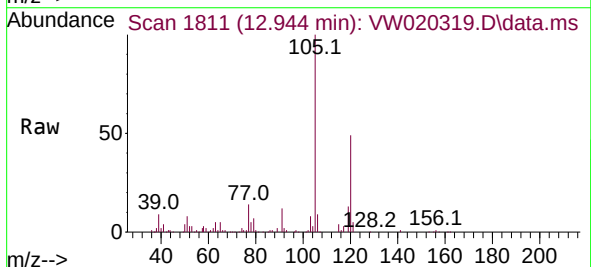
Instrument :
MSVOA_W
ClientSampled :

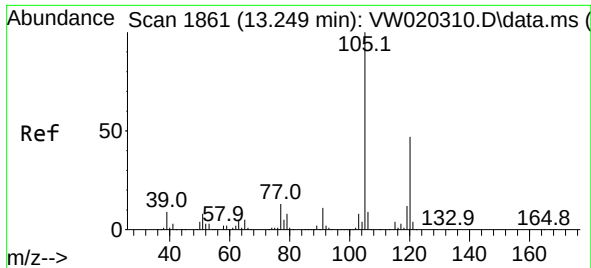
Tgt Ion: 75 Resp: 25031
Ion Ratio Lower Upper
75 100
77 31.9 25.1 37.7
110 36.3 29.4 44.0



#62
1,3,5-Trimethylbenzene
Concen: 16.374 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion: 105 Resp: 42911
Ion Ratio Lower Upper
105 100
120 47.8 37.9 56.9

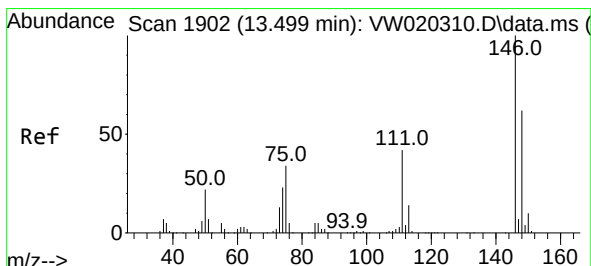
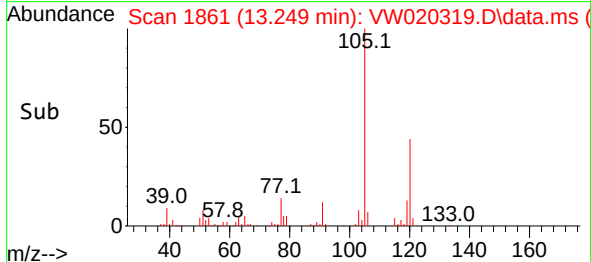
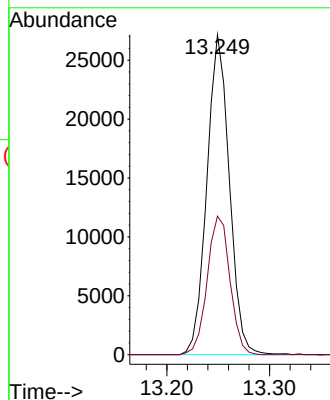
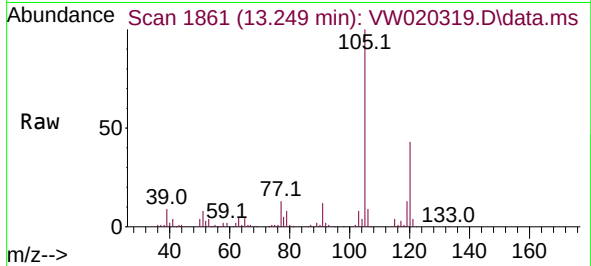




#63
1,2,4-Trimethylbenzene
Concen: 15.736 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

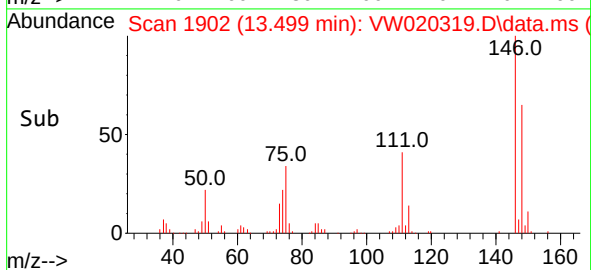
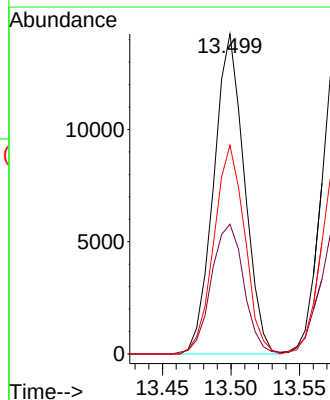
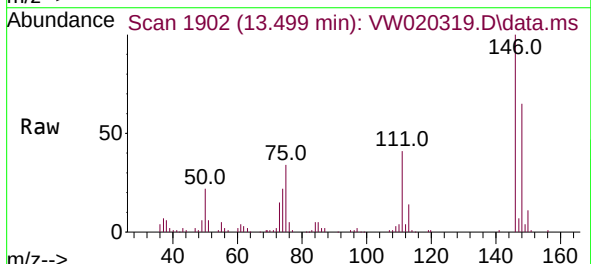
Instrument :
MSVOA_W
ClientSampled :

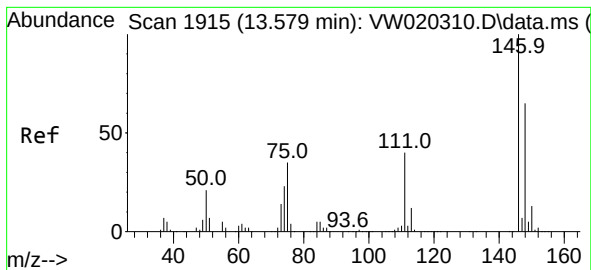
Tgt Ion:105 Resp: 41216
Ion Ratio Lower Upper
105 100
120 43.8 35.4 53.2



#64
1,3-Dichlorobenzene
Concen: 16.265 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

Tgt Ion:146 Resp: 22162
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.8
148 65.2 42.4 78.6

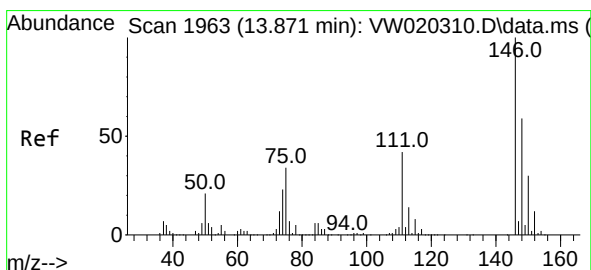
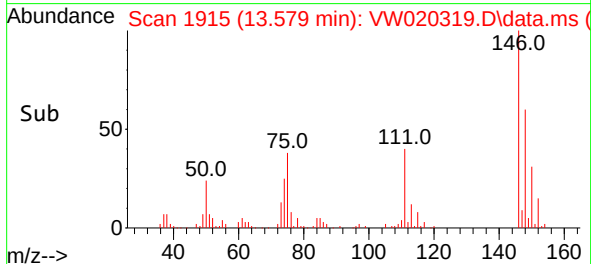
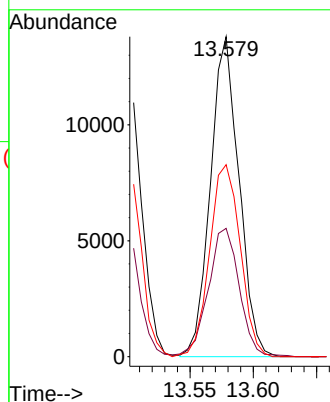
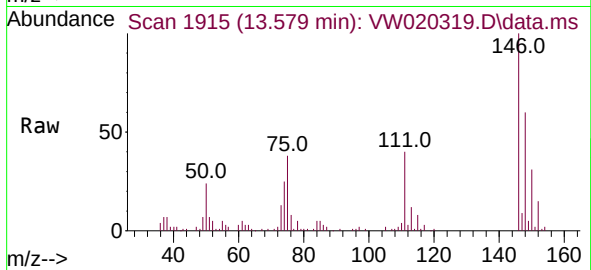




#65
1,4-Dichlorobenzene
Concen: 15.736 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

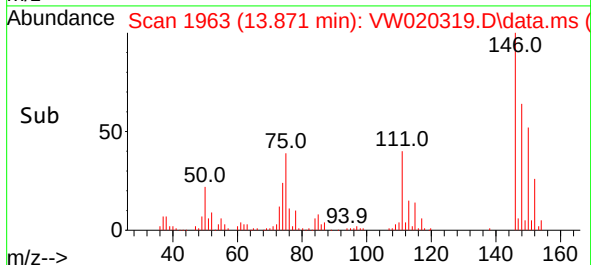
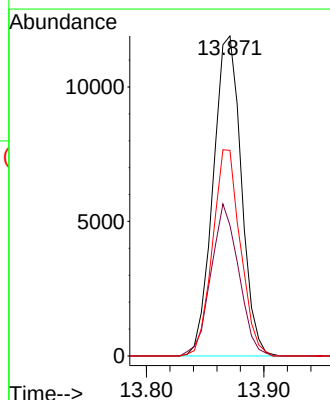
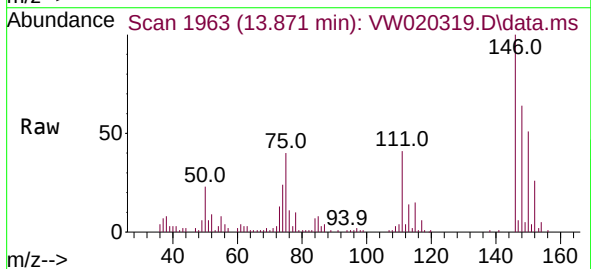
Instrument :
MSVOA_W
ClientSampled :

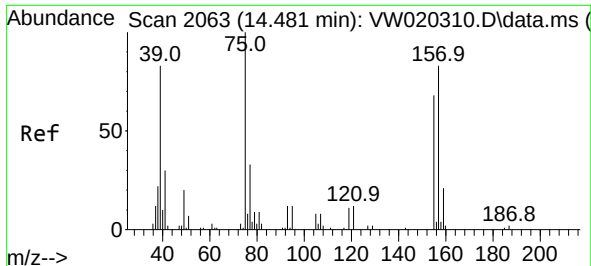
Tgt Ion:146 Resp: 21643
Ion Ratio Lower Upper
146 100
111 40.1 30.9 57.5
148 60.0 46.1 85.7



#67
1,2-Dichlorobenzene
Concen: 16.307 ug/L
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

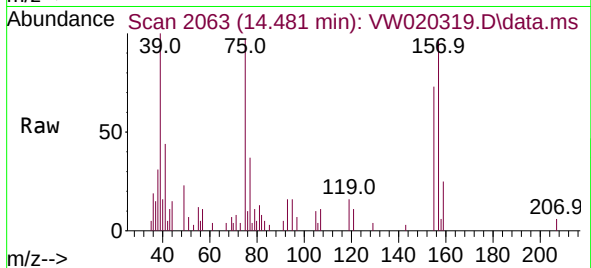
Tgt Ion:146 Resp: 19810
Ion Ratio Lower Upper
146 100
111 40.8 33.9 50.9
148 64.2 51.0 76.4



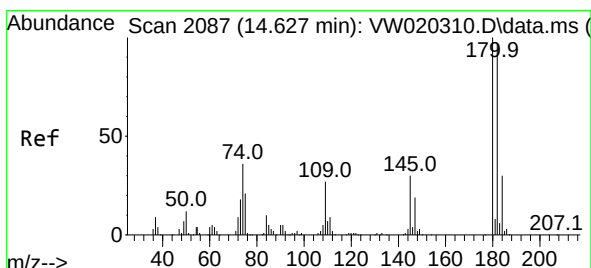
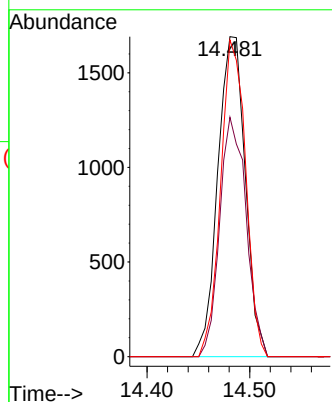
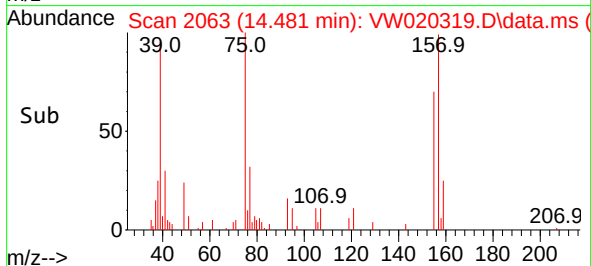


#68
1,2-Dibromo-3-chloropropane
Concen: 34.154 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

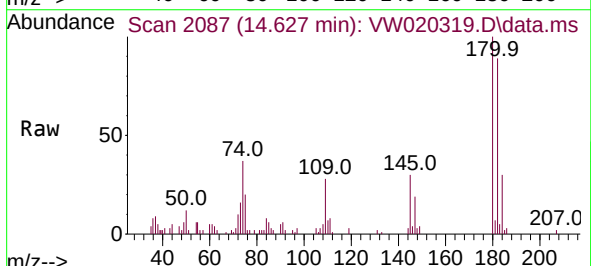
Instrument :
MSVOA_W
ClientSampled :



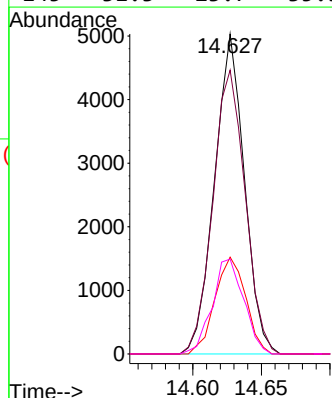
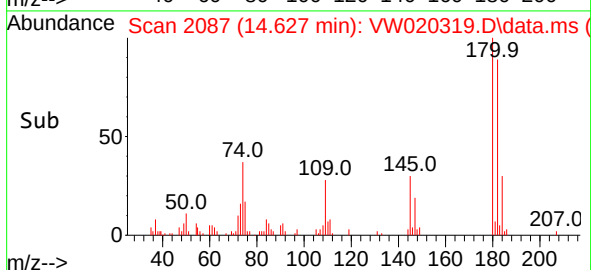
Tgt Ion: 75 Resp: 3135
Ion Ratio Lower Upper
75 100
155 74.8 51.4 77.0
157 98.9 70.8 106.2

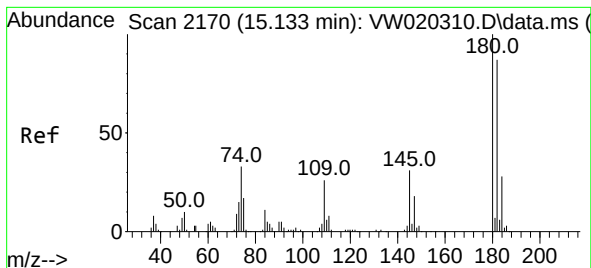


#69
1,3,5-Trichlorobenzene
Concen: 7.884 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12



Tgt Ion: 180 Resp: 7631
Ion Ratio Lower Upper
180 100
182 95.6 73.4 110.0
184 31.2 24.2 36.4
145 31.3 23.7 35.5

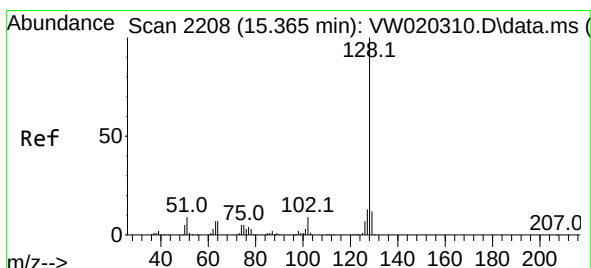
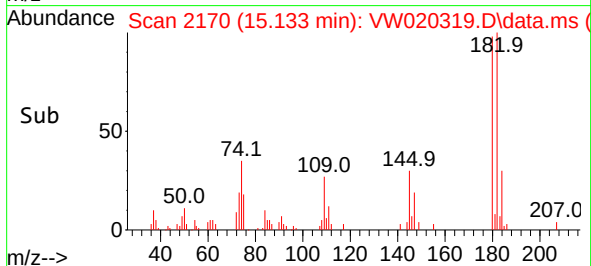
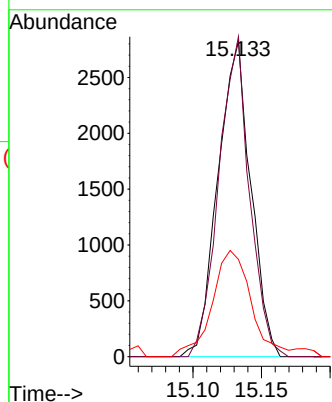
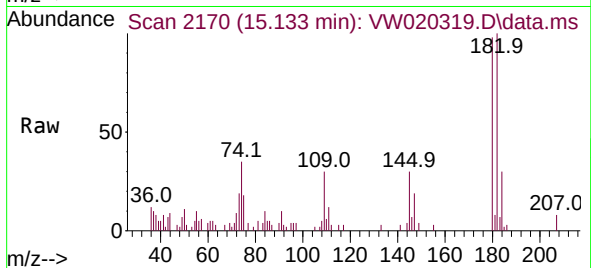




#70
1,2,4-trichlorobenzene
Concen: 6.231 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

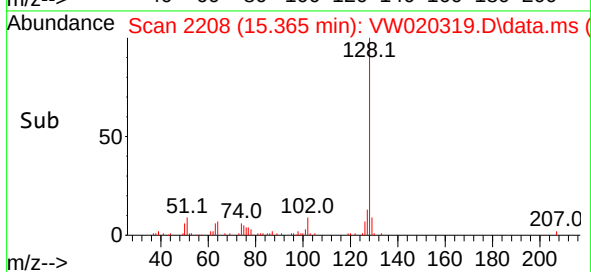
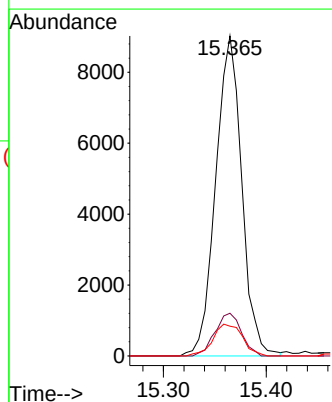
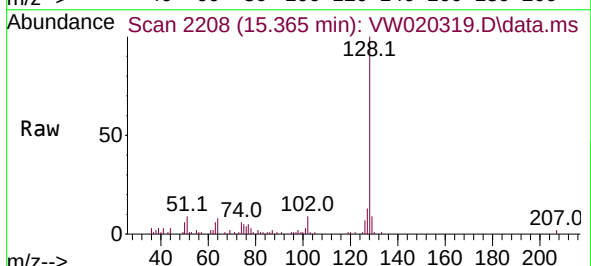
Instrument :
MSVOA_W
ClientSampleId :

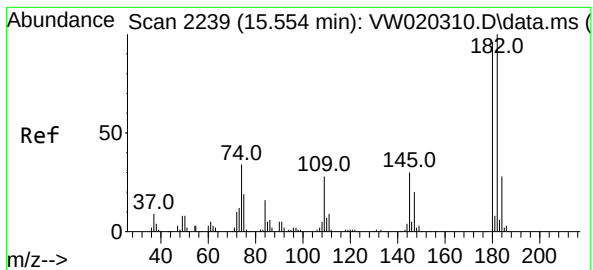
Tgt Ion:180 Resp: 4704
Ion Ratio Lower Upper
180 100
182 94.9 75.8 113.8
145 39.8 24.8 37.2#



#71
Naphthalene
Concen: 12.075 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020319.D
Acq: 06 Oct 2021 16:12

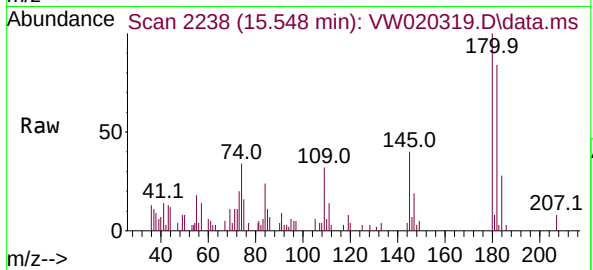
Tgt Ion:128 Resp: 15879
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 11.3 8.7 13.1





#72
 1,2,3-Trichlorobenzene
 Concen: 6.110 ug/L
 RT: 15.548 min Scan# 2238
 Delta R.T. -0.006 min
 Lab File: VW020319.D
 Acq: 06 Oct 2021 16:12

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion:180 Resp: 4029
 Ion Ratio Lower Upper
 180 100
 182 91.0 74.8 112.2
 145 41.8 26.2 39.4#

