

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101921\
 Data File : VW020619.D
 Acq On : 19 Oct 2021 20:47
 Operator : SY/VA
 Sample : M4263-19MSD
 Misc : 4.80g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 20 05:28:09 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 20 02:32:07 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	187027	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	159713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	61515	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	59674	21.928	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.720%
7) Chloroethane-d5	2.873	69	31837	22.147	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.600%
11) 1,1-Dichloroethene-d2	4.019	63	128441	23.033	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.120%
21) 2-Butanone-d5	7.080	46	53221	64.259	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.520%
24) Chloroform-d	7.647	84	158271	26.548	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.200%
26) 1,2-Dichloroethane-d4	8.305	65	92379	27.131	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.520%
32) Benzene-d6	8.275	84	290465	27.648	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	110.600%
36) 1,2-Dichloropropane-d6	9.275	67	97693	28.532	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.120%
41) Toluene-d8	10.323	98	248060	26.316	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.280%
43) trans-1,3-Dichloroprop...	10.579	79	39025	28.048	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.200%
47) 2-Hexanone-d5	10.921	63	39146	74.321	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	148.640%#
56) 1,1,2,2-Tetrachloroeth...	12.689	84	78656	30.391	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.560%#
66) 1,2-Dichlorobenzene-d4	13.853	152	59024	24.528	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.008	85	35223	29.144	ug/L	97
3) Chloromethane	2.209	50	63599	25.309	ug/L	98
5) Vinyl chloride	2.355	62	76749	21.714	ug/L	98
6) Bromomethane	2.770	94	29655	19.317	ug/L	98
8) Chloroethane	2.916	64	26270	20.129	ug/L	99
9) Trichlorofluoromethane	3.251	101	26051	12.954	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	66403	23.153	ug/L	98
12) 1,1-Dichloroethene	4.038	96	59974	22.807	ug/L	93
13) Acetone	4.123	43	55726	73.286	ug/L	99
14) Carbon disulfide	4.379	76	172022	20.112	ug/L	100
15) Methyl Acetate	4.672	43	33682	23.853	ug/L	98
16) Methylene chloride	4.909	84	69912	19.229	ug/L	99
17) trans-1,2-Dichloroethene	5.422	96	64230	23.281	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	112847	29.032	ug/L	99
19) 1,1-Dichloroethane	6.214	63	141576	25.032	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	72673	25.342	ug/L	98
22) 2-Butanone	7.171	43	52607	55.270	ug/L	98
23) Bromochloromethane	7.513	128	31657	25.170	ug/L	94
25) Chloroform	7.671	83	139914	25.446	ug/L	99

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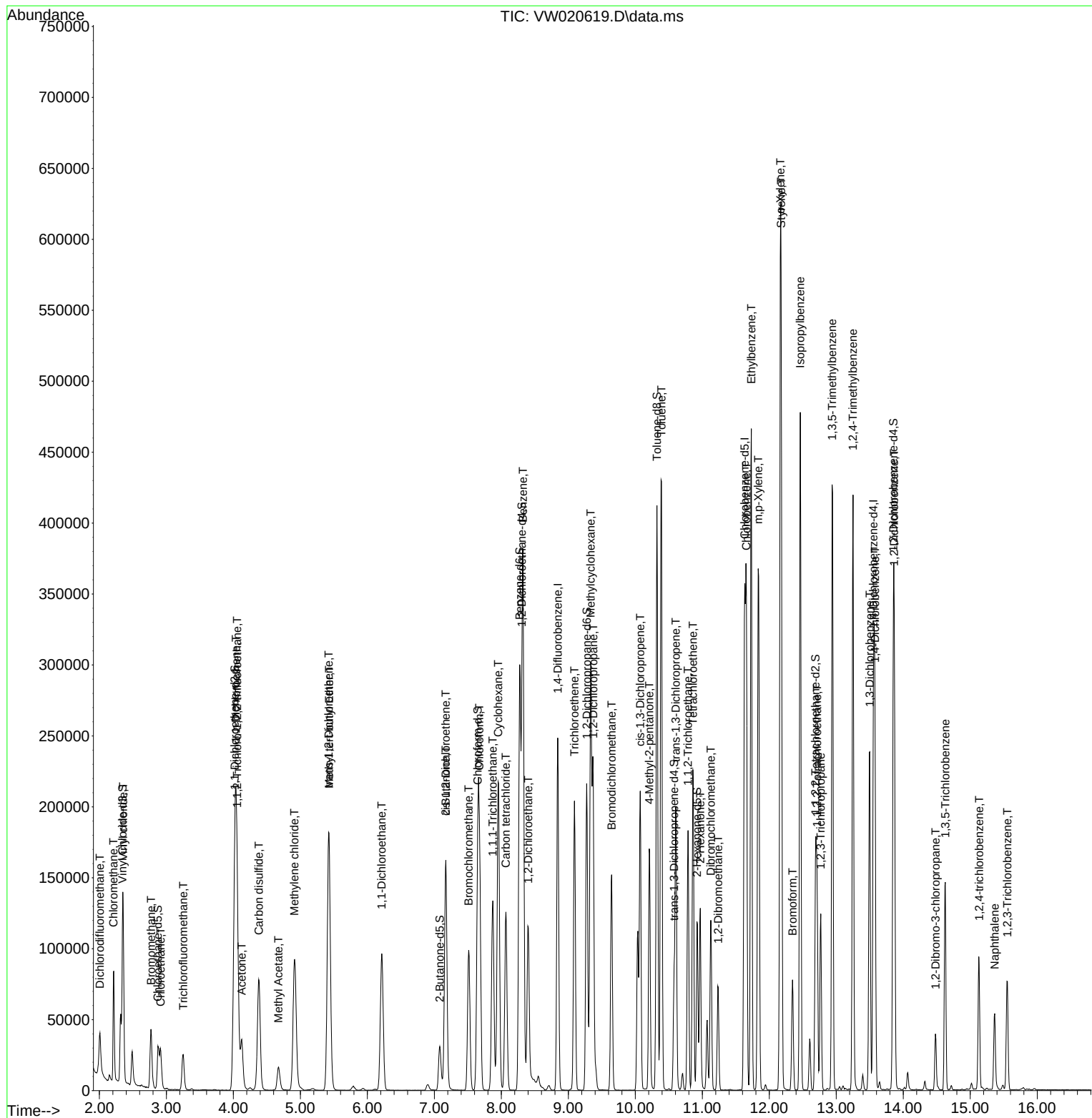
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	97888	26.029	ug/L	98
29) Cyclohexane	7.952	56	117596	25.149	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	105466	26.581	ug/L	100
31) Carbon tetrachloride	8.067	117	90377	25.908	ug/L	99
33) Benzene	8.323	78	310529	27.297	ug/L	100
34) Trichloroethene	9.092	95	70177	25.041	ug/L	99
35) Methylcyclohexane	9.335	83	107581	22.432	ug/L	99
37) 1,2-Dichloropropane	9.372	63	81801	27.768	ug/L	99
38) Bromodichloromethane	9.646	83	99132	28.066	ug/L	97
39) cis-1,3-Dichloropropene	10.073	75	113940	28.033	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	116485	65.880	ug/L	99
42) Toluene	10.390	91	305926	26.811	ug/L	97
44) trans-1,3-Dichloropropene	10.604	75	100978	28.182	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	52986	28.013	ug/L	97
46) Tetrachloroethene	10.860	164	47189	23.442	ug/L	98
48) 2-Hexanone	10.969	43	82900	63.903	ug/L	100
49) Dibromochloromethane	11.128	129	59736	28.666	ug/L	95
50) 1,2-Dibromoethane	11.238	107	48074	27.670	ug/L	99
51) Chlorobenzene	11.658	112	166924	23.723	ug/L	99
52) Ethylbenzene	11.731	91	310125	25.064	ug/L	99
53) m,p-Xylene	11.835	106	111380	24.295	ug/L	95
54) o-Xylene	12.164	106	107653	25.426	ug/L	99
55) Styrene	12.176	104	165825	22.400	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	65441	27.909	ug/L	98
59) Bromoform	12.347	173	29711	34.477	ug/L	94
60) Isopropylbenzene	12.463	105	285708	31.644	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	49231	36.327	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	218505	29.641	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	209506	28.692	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	88961	22.772	ug/L	99
65) 1,4-Dichlorobenzene	13.579	146	92497	22.891	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	86919	24.285	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	10365	36.007	ug/L	97
69) 1,3,5-Trichlorobenzene	14.627	180	44069	15.820	ug/L	99
70) 1,2,4-trichlorobenzene	15.133	180	27850	12.626	ug/L	99
71) Naphthalene	15.365	128	43428	10.951	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	24570	12.683	ug/L	99

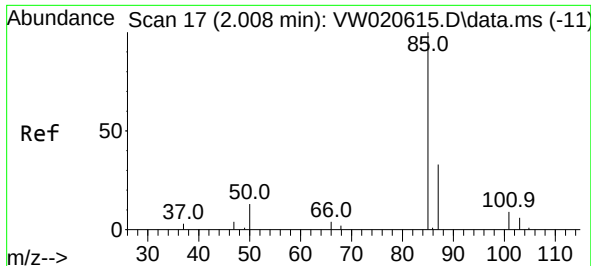
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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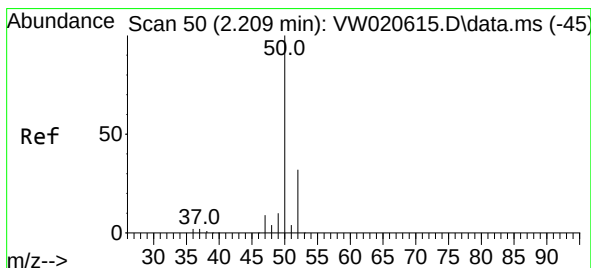
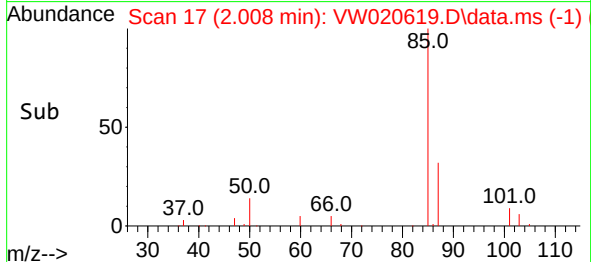
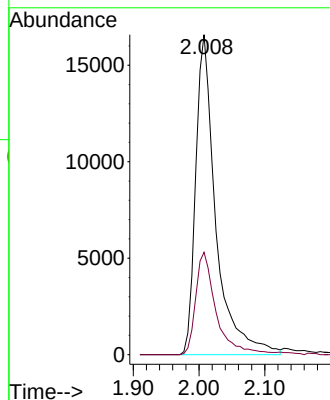
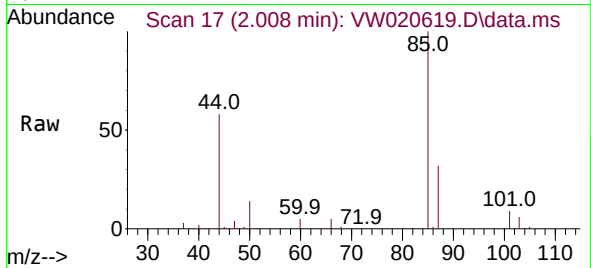




#2
 Dichlorodifluoromethane
 Concen: 29.144 ug/L
 RT: 2.008 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VW020619.D
 Acq: 19 Oct 2021 20:47

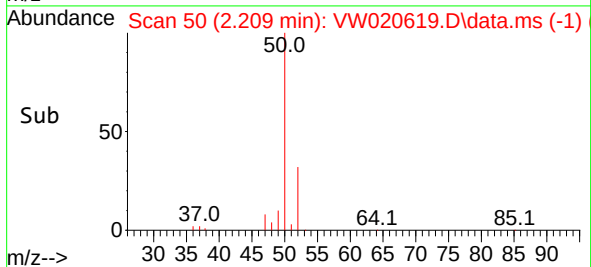
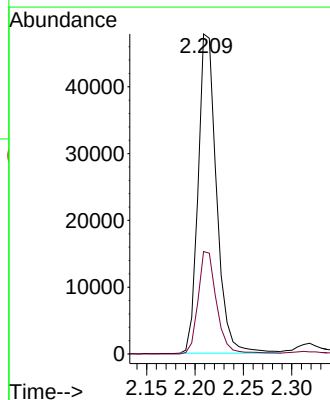
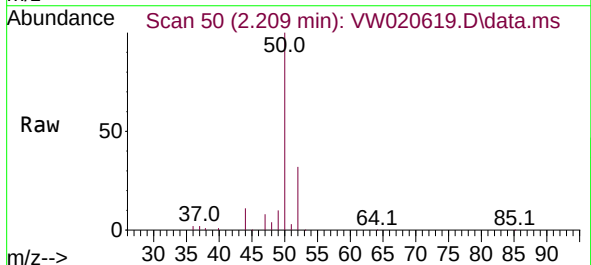
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 ClientSampleId :

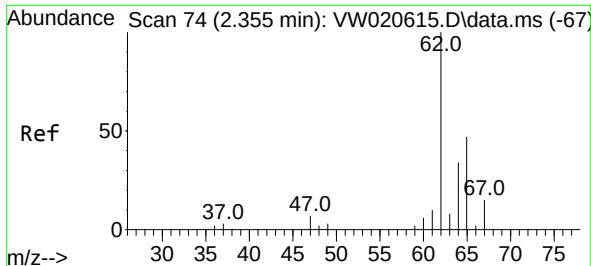
Tgt Ion: 85 Resp: 35223
 Ion Ratio Lower Upper
 85 100
 87 32.5 24.9 37.3



#3
 Chloromethane
 Concen: 25.309 ug/L
 RT: 2.209 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VW020619.D
 Acq: 19 Oct 2021 20:47

Tgt Ion: 50 Resp: 63599
 Ion Ratio Lower Upper
 50 100
 52 32.0 21.5 39.9

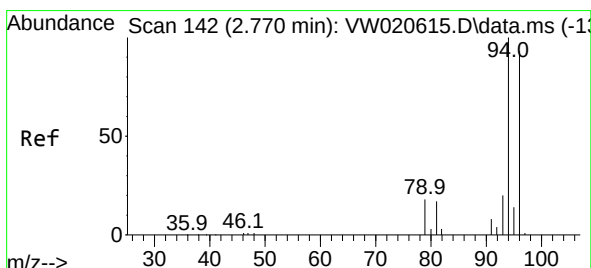
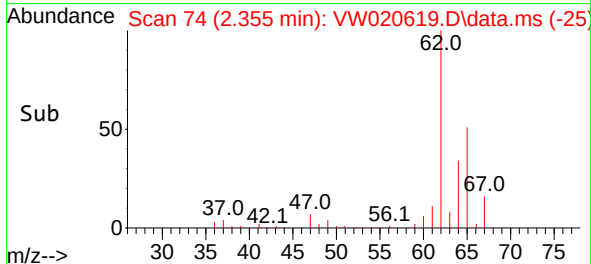
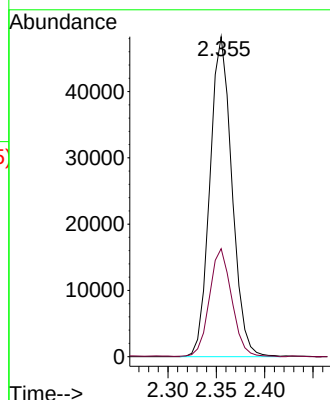
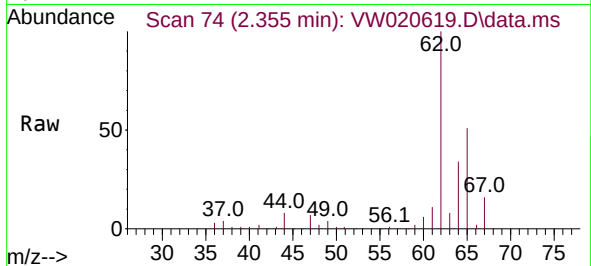




#5
 Vinyl chloride
 Concen: 21.714 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020619.D
 Acq: 19 Oct 2021 20:47

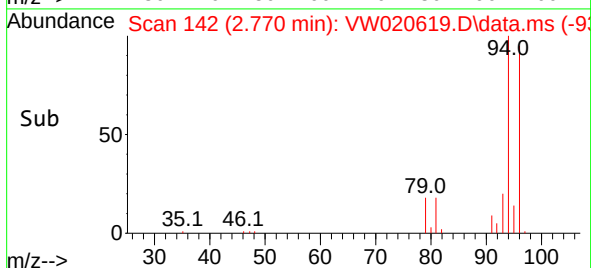
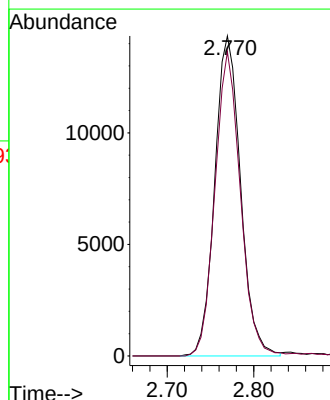
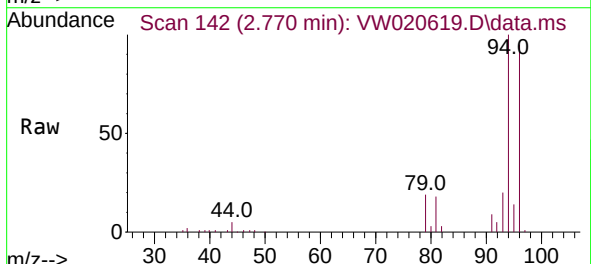
Instrument :
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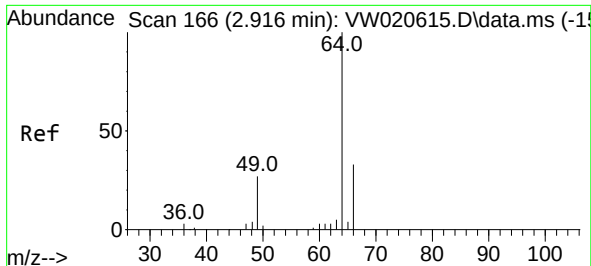
Tgt Ion: 62 Resp: 76749
 Ion Ratio Lower Upper
 62 100
 64 33.8 24.6 45.6



#6
 Bromomethane
 Concen: 19.317 ug/L
 RT: 2.770 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW020619.D
 Acq: 19 Oct 2021 20:47

Tgt Ion: 94 Resp: 29655
 Ion Ratio Lower Upper
 94 100
 96 95.0 67.8 126.0

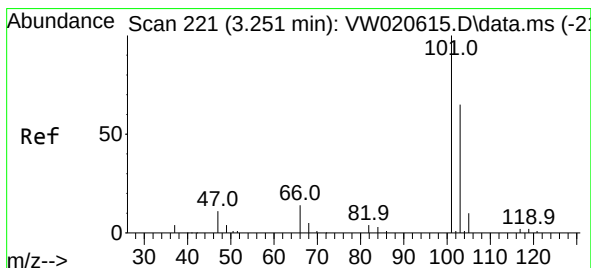
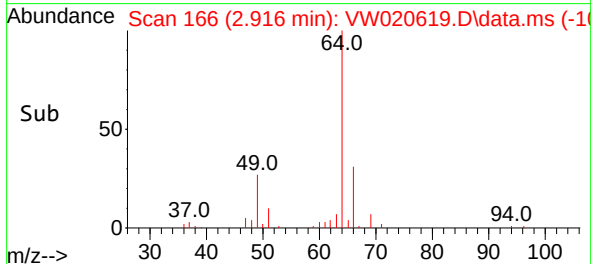
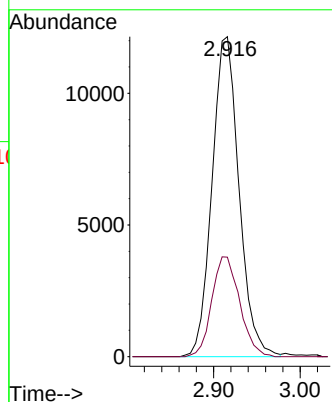
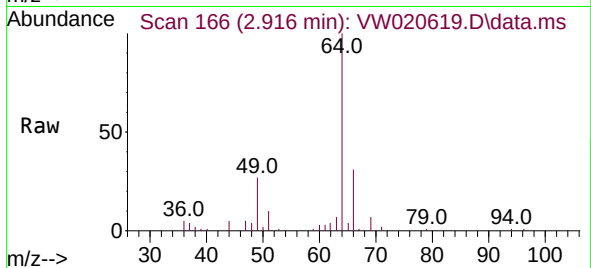




#8
Chloroethane
Concen: 20.129 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

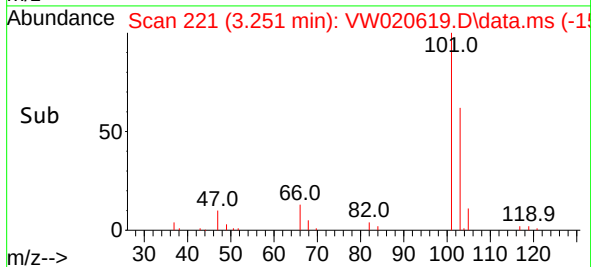
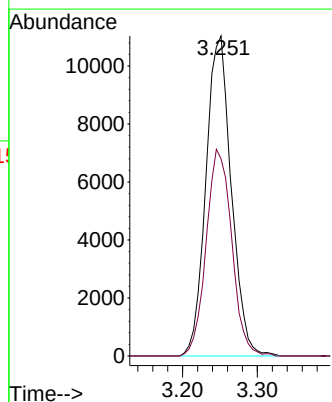
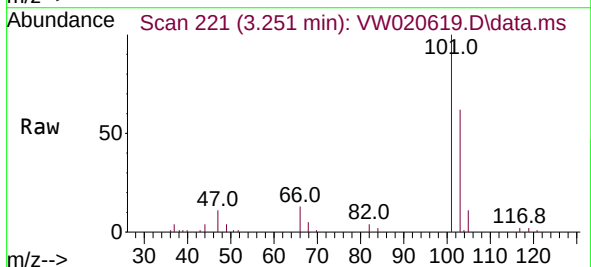
Instrument :
MSVOA_W
ClientSampled :

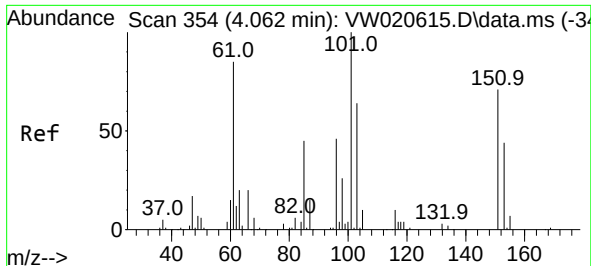
Tgt Ion: 64 Resp: 26270
Ion Ratio Lower Upper
64 100
66 31.1 21.2 39.4



#9
Trichlorofluoromethane
Concen: 12.954 ug/L
RT: 3.251 min Scan# 221
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:101 Resp: 26051
Ion Ratio Lower Upper
101 100
103 64.8 52.2 78.4

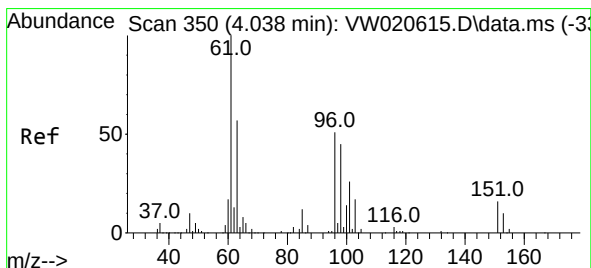
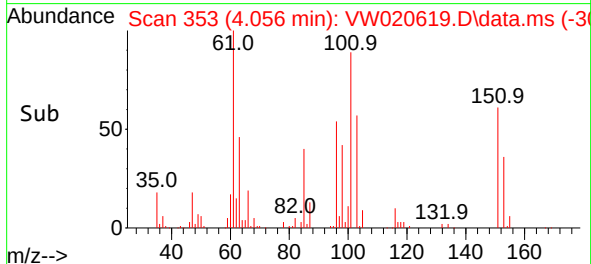
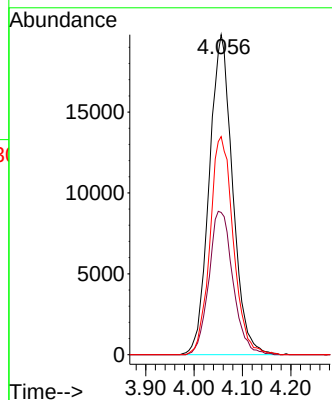
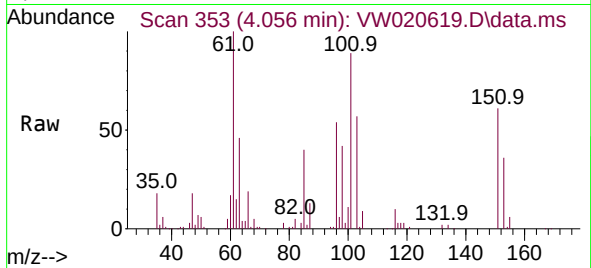




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.153 ug/L
 RT: 4.056 min Scan# 353
 Delta R.T. -0.006 min
 Lab File: VW020619.D
 Acq: 19 Oct 2021 20:47

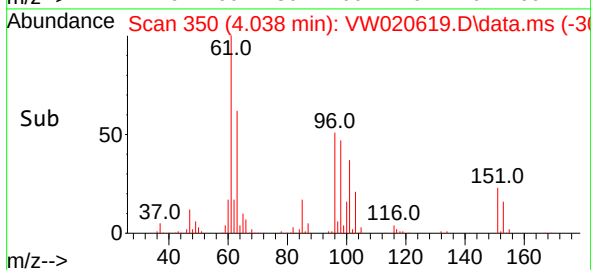
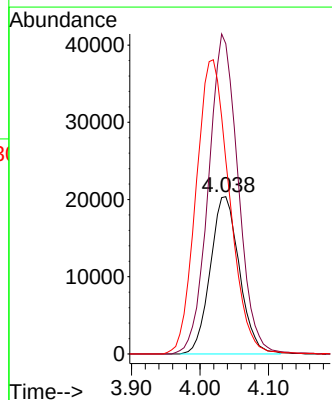
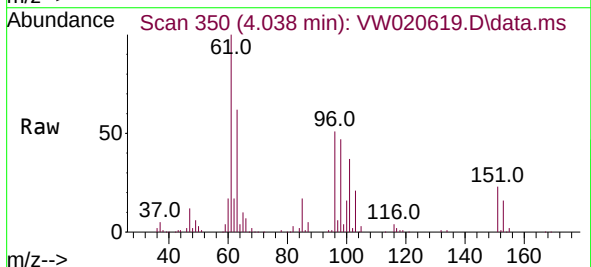
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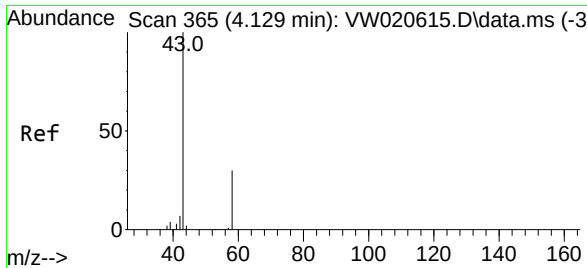
Tgt Ion:101 Resp: 66403
 Ion Ratio Lower Upper
 101 100
 85 45.9 36.3 54.5
 151 68.2 56.5 84.7



#12
 1,1-Dichloroethene
 Concen: 22.807 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW020619.D
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Tgt Ion: 96 Resp: 59974
 Ion Ratio Lower Upper
 96 100
 61 197.2 133.9 248.7
 63 123.2 77.3 143.7

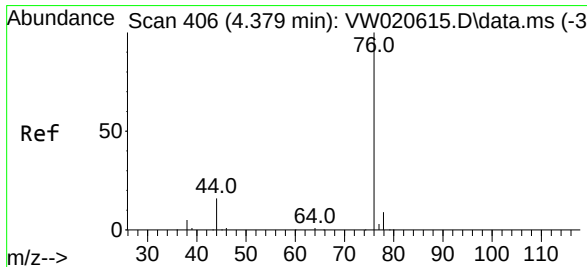
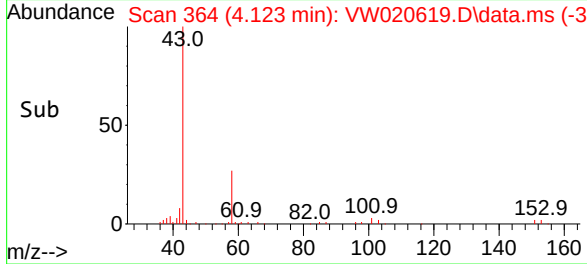
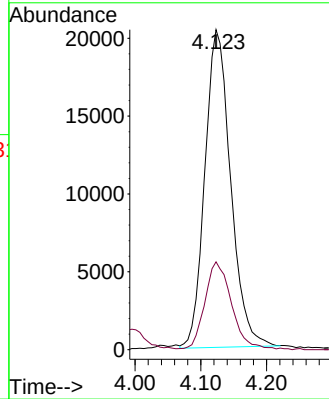
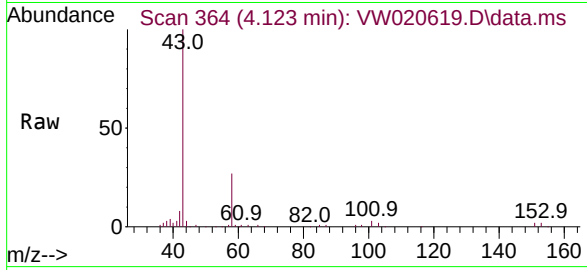




#13
Acetone
Concen: 73.286 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

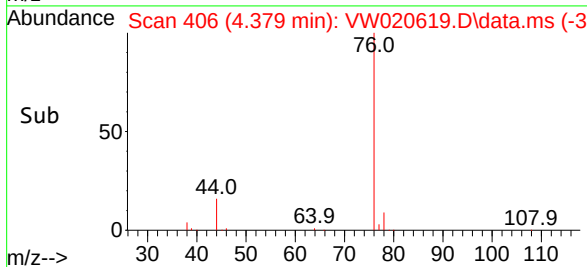
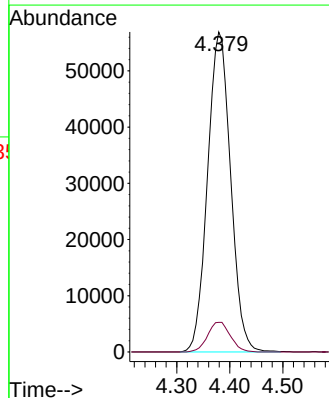
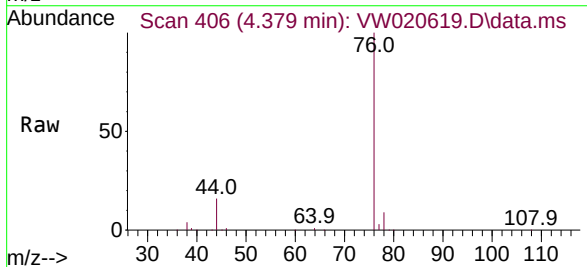
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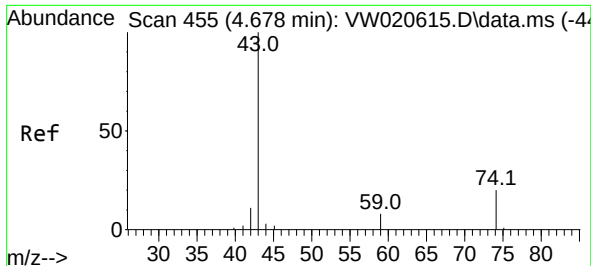
Tgt Ion: 43 Resp: 55726
Ion Ratio Lower Upper
43 100
58 28.5 0.0 58.4



#14
Carbon disulfide
Concen: 20.112 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 172022
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.2

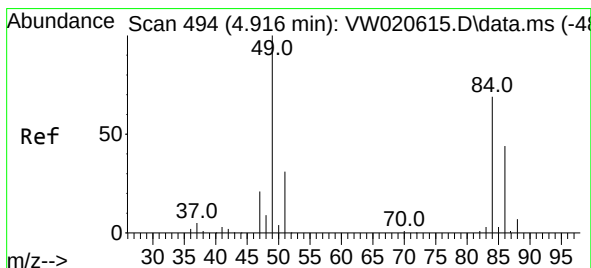
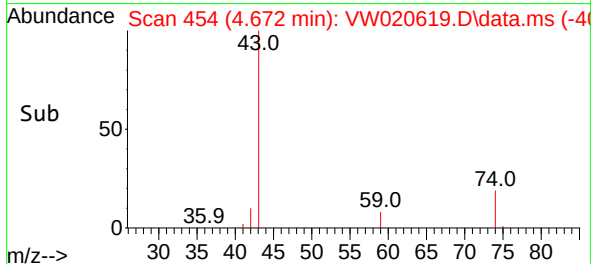
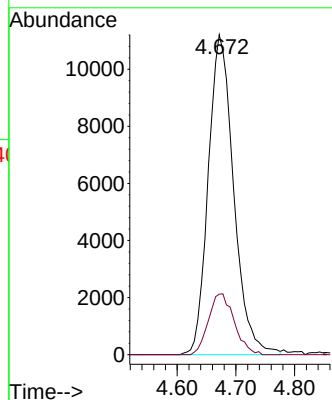
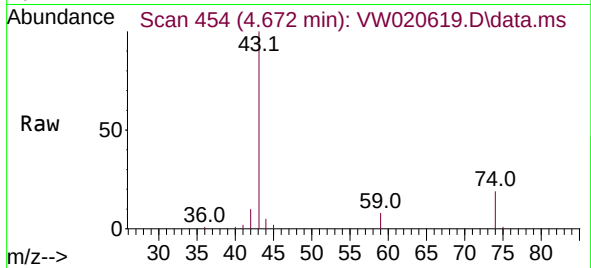




#15
Methyl Acetate
Concen: 23.853 ug/L
RT: 4.672 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

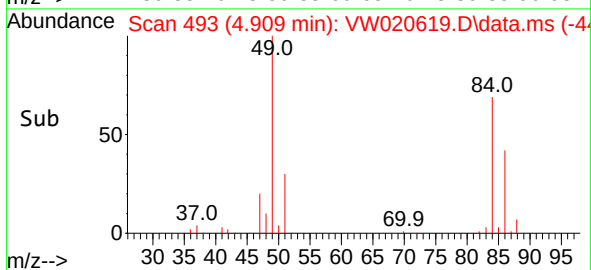
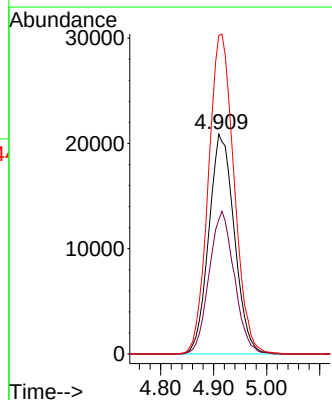
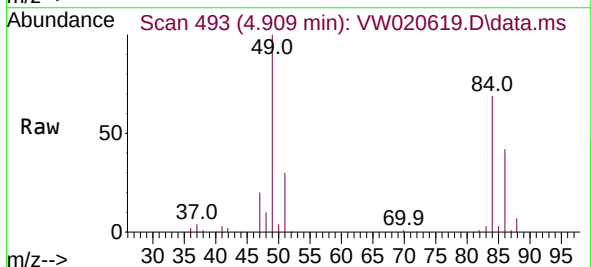
Instrument :
MSVOA_W
ClientSampled :

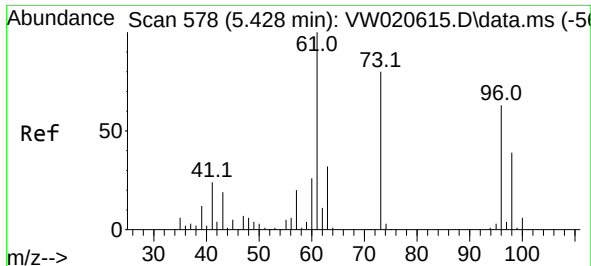
Tgt Ion: 43 Resp: 33682
Ion Ratio Lower Upper
43 100
74 19.3 16.1 24.1



#16
Methylene chloride
Concen: 19.229 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 84 Resp: 69912
Ion Ratio Lower Upper
84 100
86 61.1 44.7 83.1
49 144.8 101.7 188.9

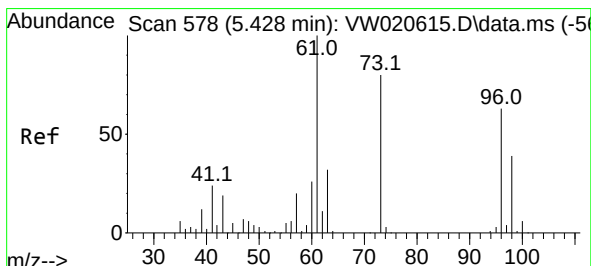
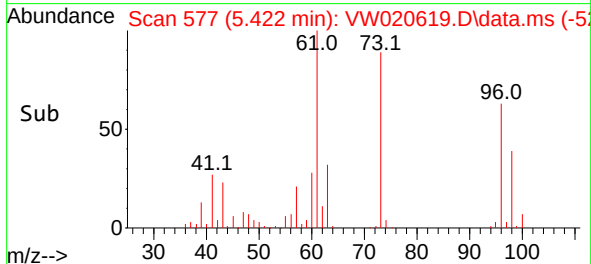
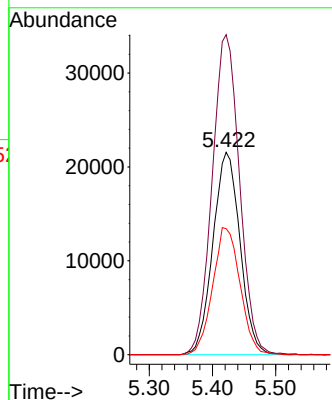
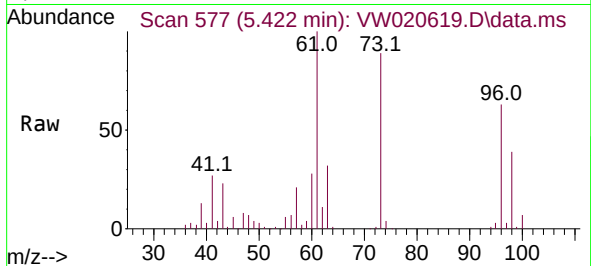




#17
trans-1,2-Dichloroethene
Concen: 23.281 ug/L
RT: 5.422 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

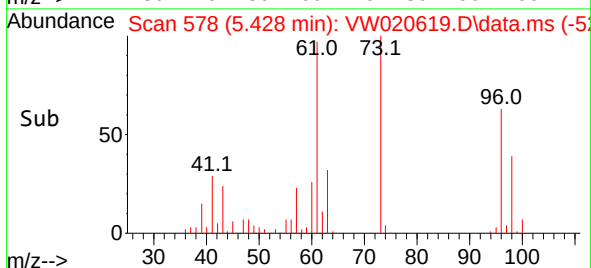
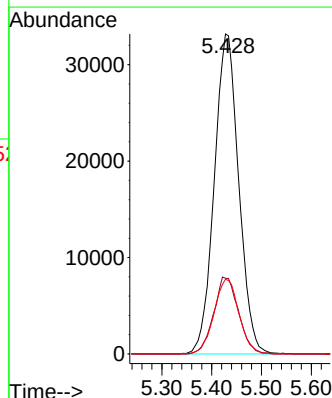
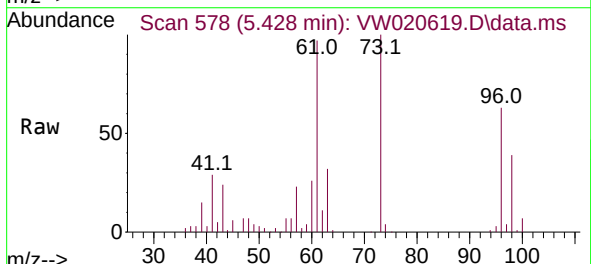
Instrument :
MSVOA_W
ClientSampled :

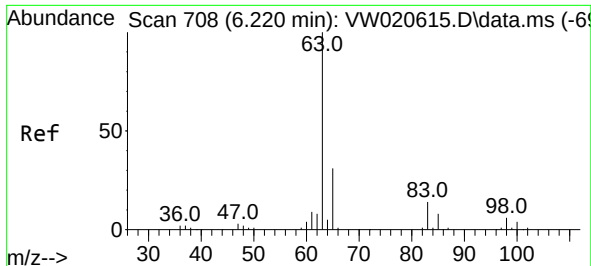
Tgt Ion: 96 Resp: 64230
Ion Ratio Lower Upper
96 100
61 158.0 110.7 205.5
98 62.3 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 29.032 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 73 Resp: 112847
Ion Ratio Lower Upper
73 100
43 24.4 18.9 28.3
57 23.8 18.9 28.3





#19

1,1-Dichloroethane

Concen: 25.032 ug/L

RT: 6.214 min Scan# 707

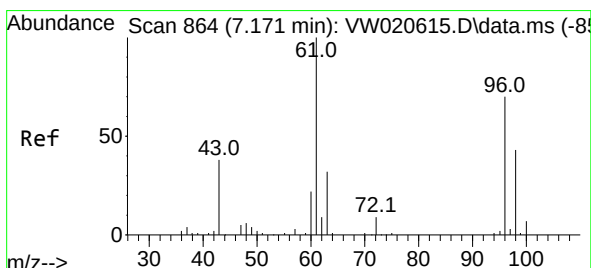
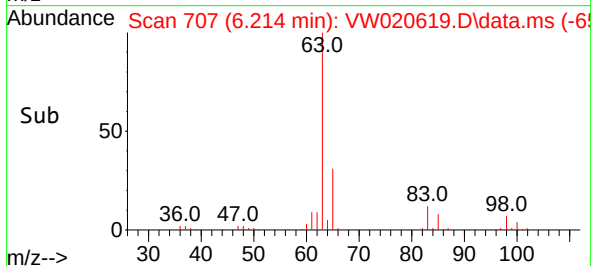
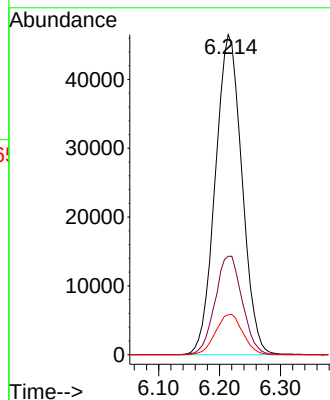
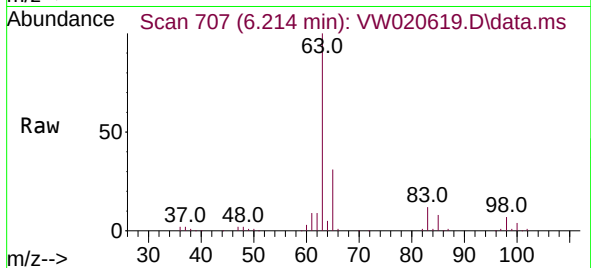
Delta R.T. -0.006 min

Lab File: VW020619.D

Acq: 19 Oct 2021 20:47

Tgt Ion:	63	Resp:	141576
Ion	Ratio	Lower	Upper
63	100		
65	30.7	21.9	40.7
83	12.4	9.0	16.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 25.342 ug/L

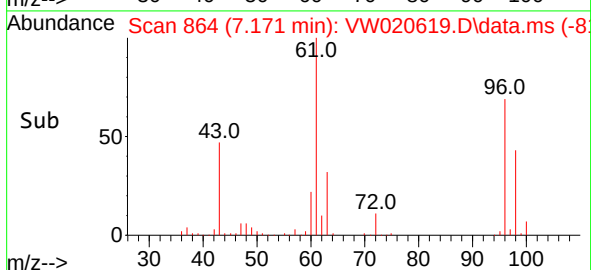
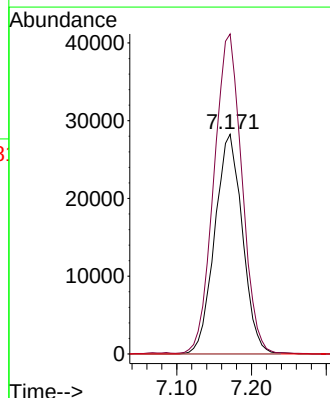
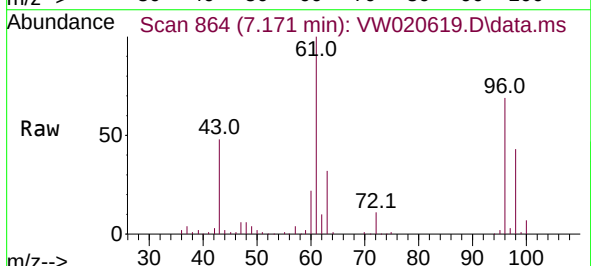
RT: 7.171 min Scan# 864

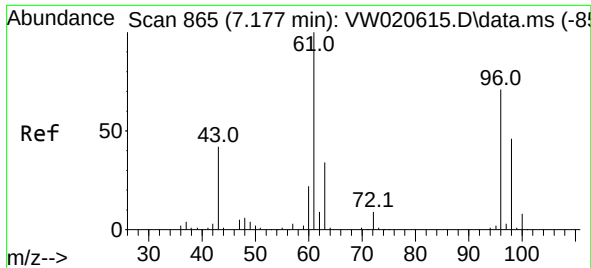
Delta R.T. -0.000 min

Lab File: VW020619.D

Acq: 19 Oct 2021 20:47

Tgt Ion:	96	Resp:	72673
Ion	Ratio	Lower	Upper
96	100		
61	145.7	100.3	186.3
68	0.0	0.0	0.0

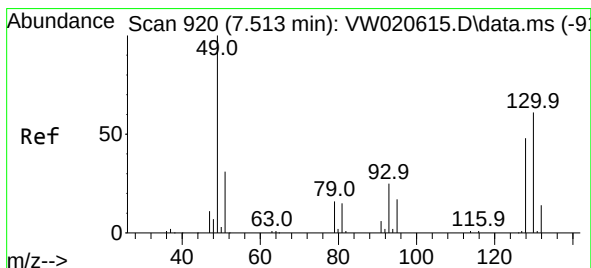
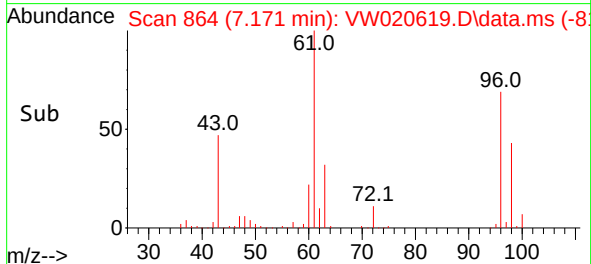
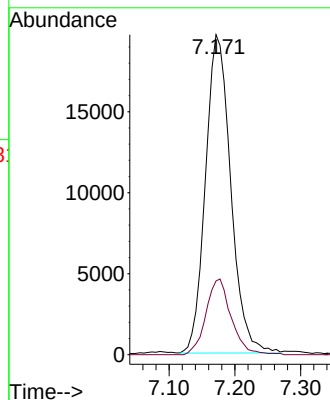
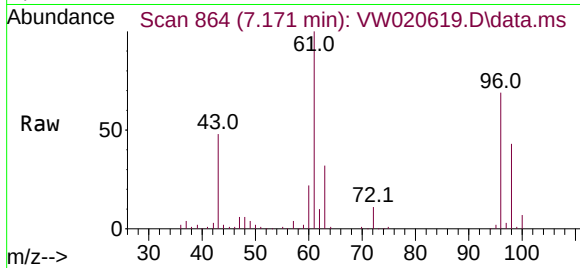




#22
2-Butanone
Concen: 55.270 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

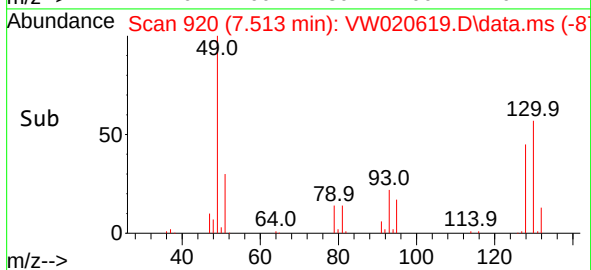
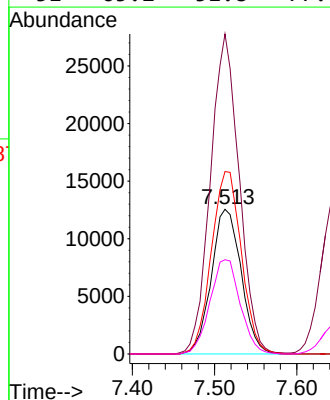
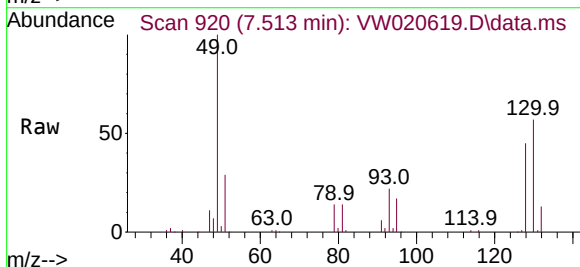
Instrument :
MSVOA_W
ClientSampled :

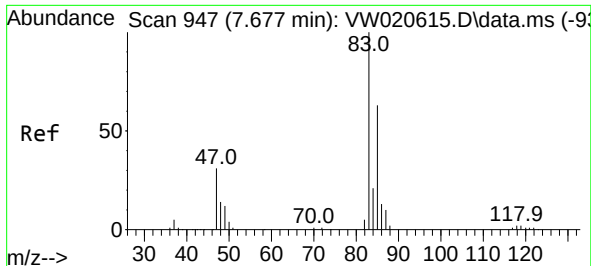
Tgt Ion: 43 Resp: 52607
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.6



#23
Bromochloromethane
Concen: 25.170 ug/L
RT: 7.513 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 128 Resp: 31657
Ion Ratio Lower Upper
128 100
49 221.2 144.1 267.7
130 126.1 89.2 165.6
51 65.2 51.8 77.8

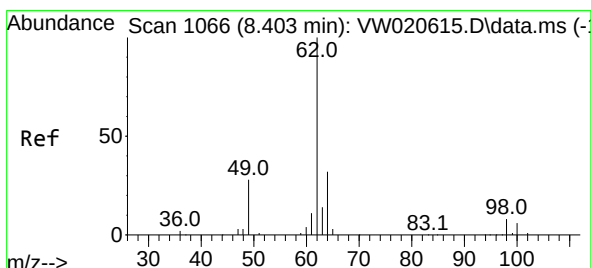
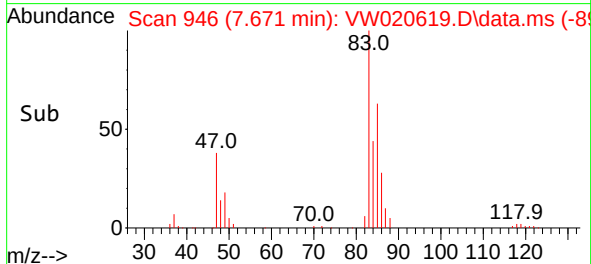
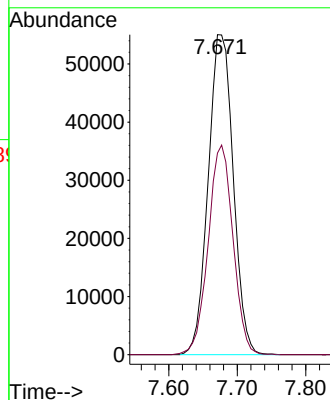
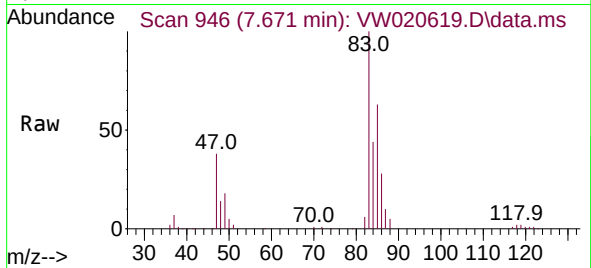




#25
Chloroform
Concen: 25.446 ug/L
RT: 7.671 min Scan# 946
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

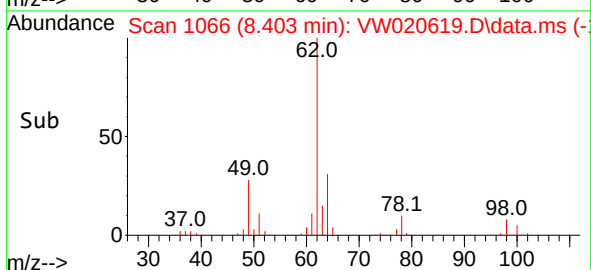
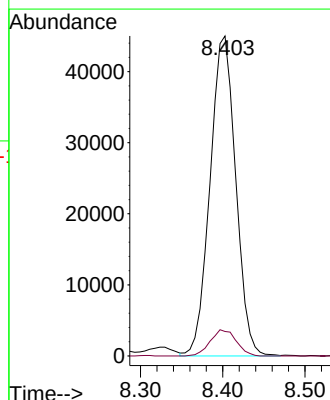
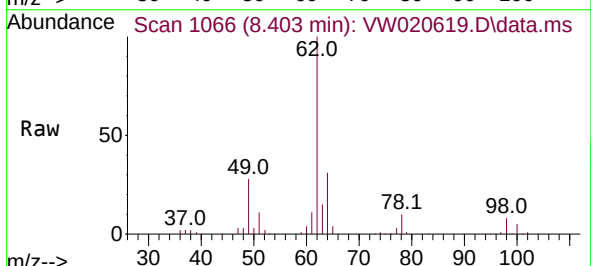
Instrument :
MSVOA_W
ClientSampled :

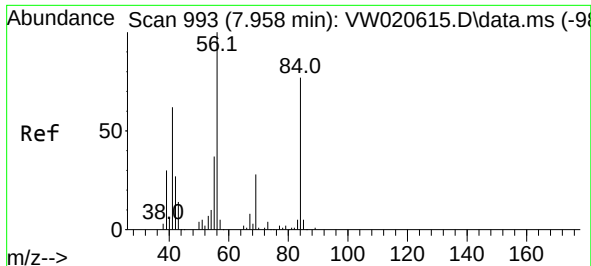
Tgt Ion: 83 Resp: 139914
Ion Ratio Lower Upper
83 100
85 63.0 44.6 82.8



#27
1,2-Dichloroethane
Concen: 26.029 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 62 Resp: 97888
Ion Ratio Lower Upper
62 100
98 7.6 6.6 10.0





#29

Cyclohexane

Concen: 25.149 ug/L

RT: 7.952 min Scan# 992

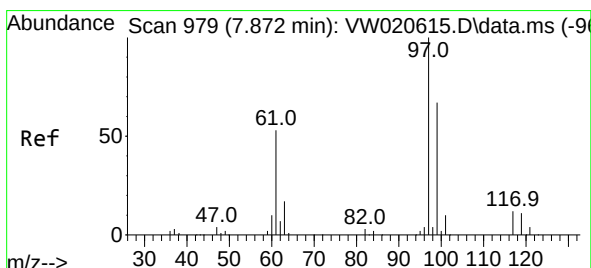
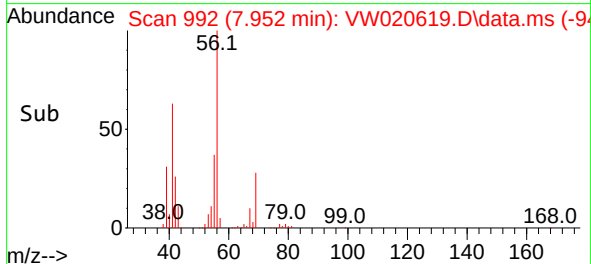
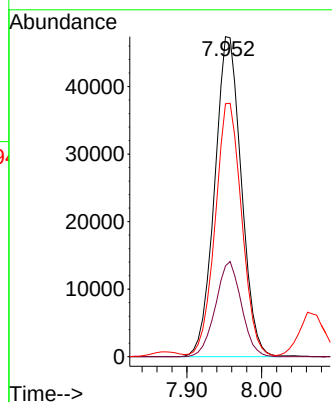
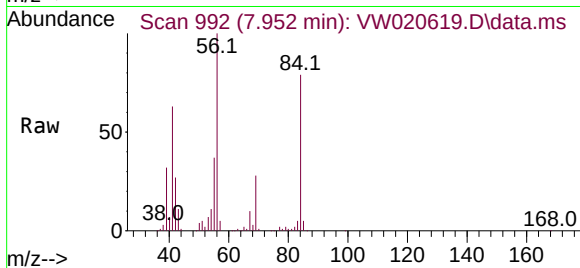
Delta R.T. -0.006 min

Lab File: VW020619.D

Acq: 19 Oct 2021 20:47

Tgt Ion:	56	Resp:	117596
Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.2	34.8
84	79.1	63.7	95.5

Instrument :
MSVOA_W
ClientSampleId :



#30

1,1,1-Trichloroethane

Concen: 26.581 ug/L

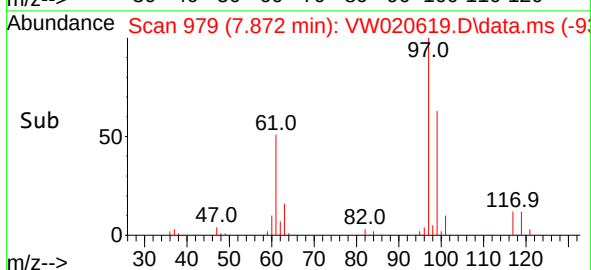
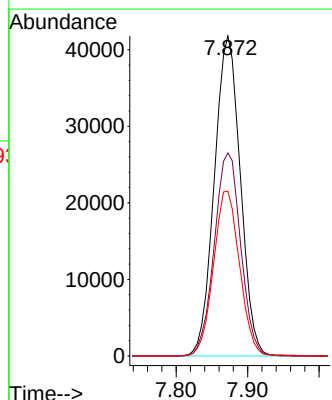
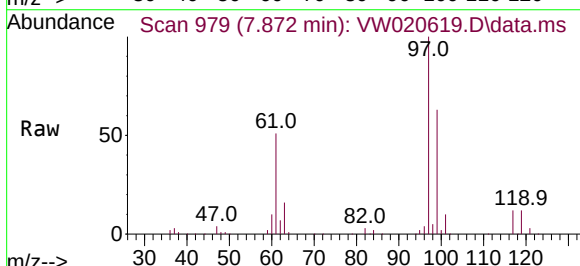
RT: 7.872 min Scan# 979

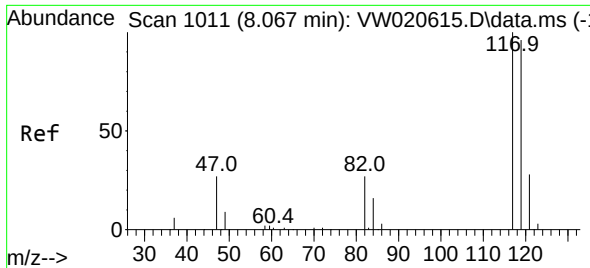
Delta R.T. -0.000 min

Lab File: VW020619.D

Acq: 19 Oct 2021 20:47

Tgt Ion:	97	Resp:	105466
Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	51.7	41.0	61.6

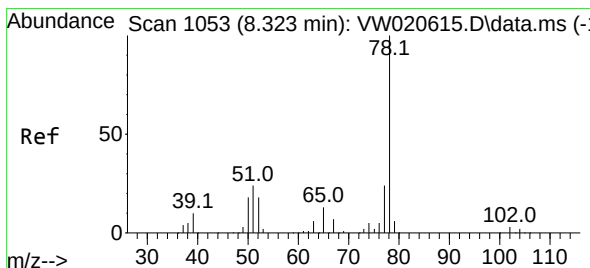
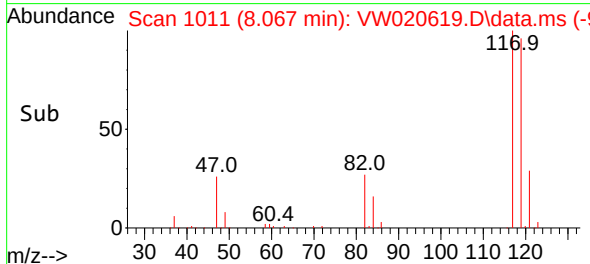
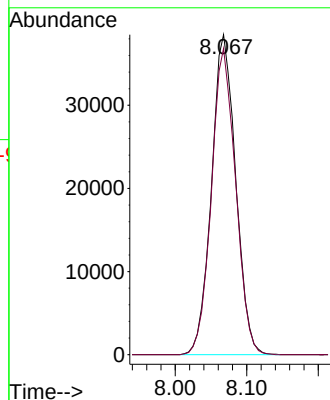
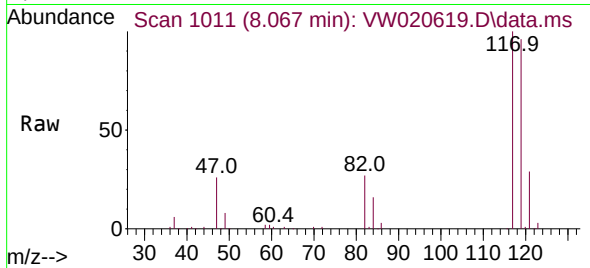




#31
Carbon tetrachloride
Concen: 25.908 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

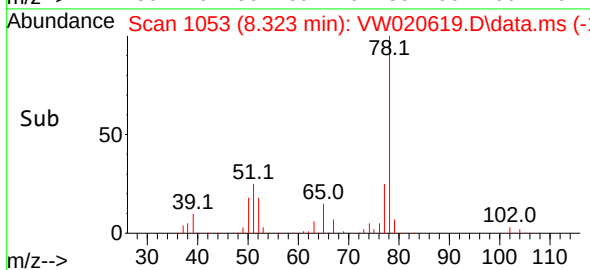
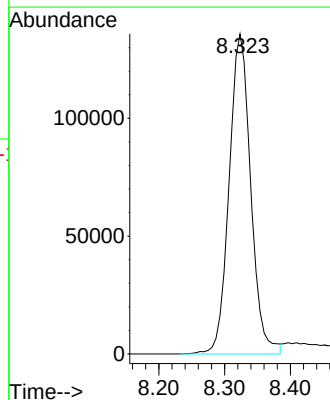
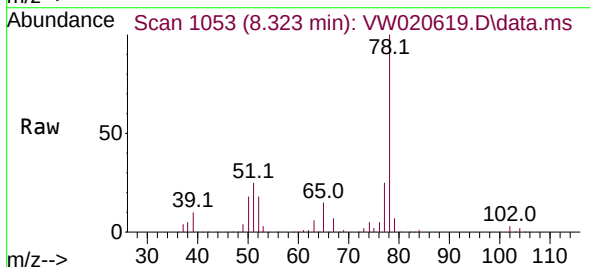
Instrument :
MSVOA_W
ClientSampled :

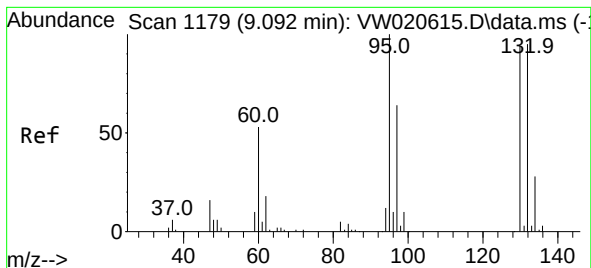
Tgt Ion:117 Resp: 90377
Ion Ratio Lower Upper
117 100
119 95.6 77.0 115.4



#33
Benzene
Concen: 27.297 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 78 Resp: 310529



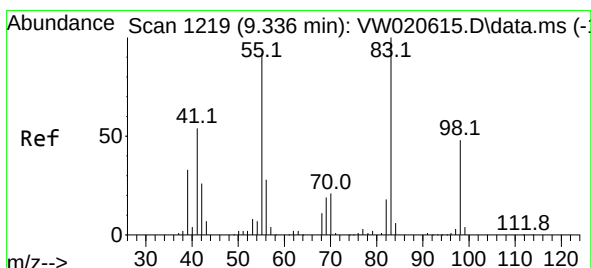
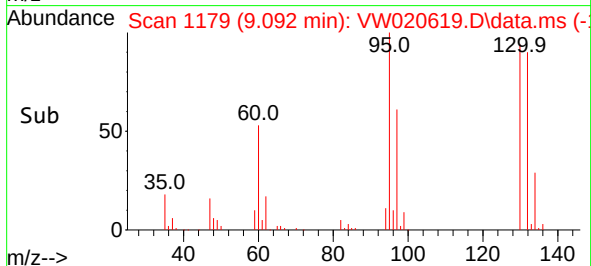
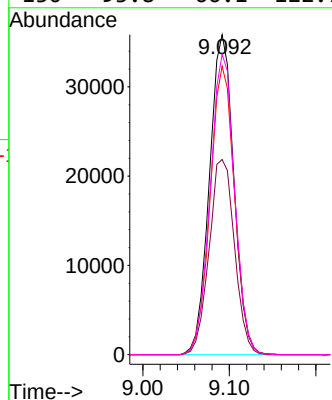
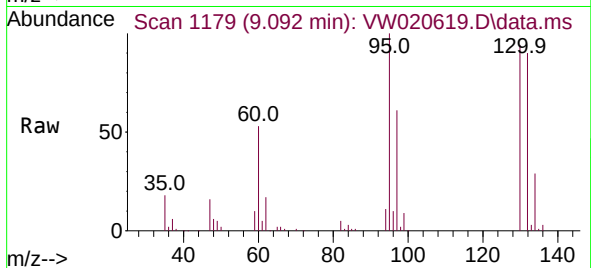


#34
Trichloroethene
Concen: 25.041 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 95 Resp: 70177

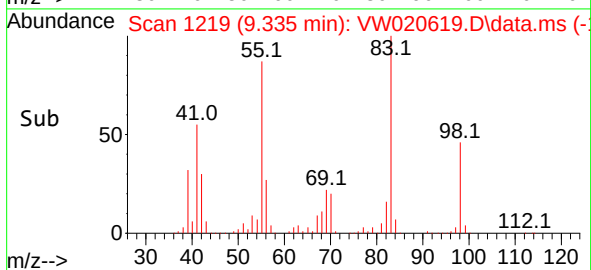
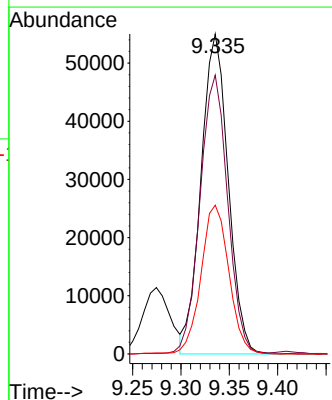
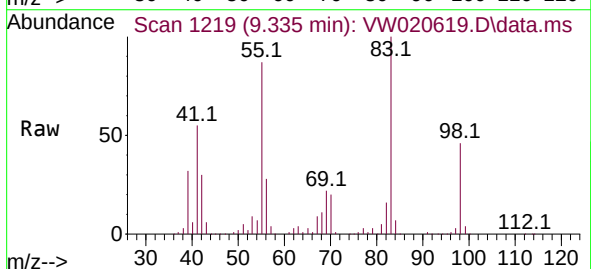
Ion	Ratio	Lower	Upper
95	100		
97	61.0	43.2	80.2
132	90.1	62.3	115.7
130	93.8	66.1	122.7

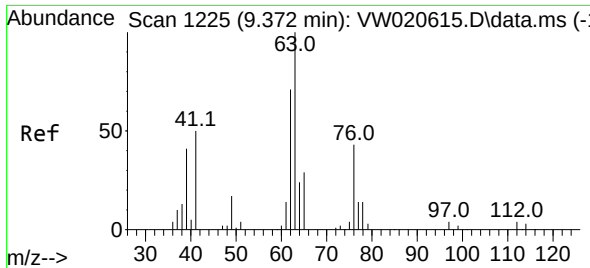


#35
Methylcyclohexane
Concen: 22.432 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 83 Resp: 107581

Ion	Ratio	Lower	Upper
83	100		
55	89.0	69.7	104.5
98	47.7	38.2	57.2

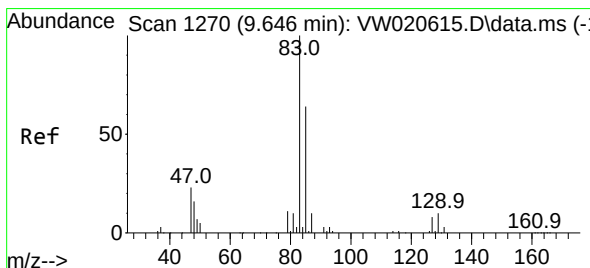
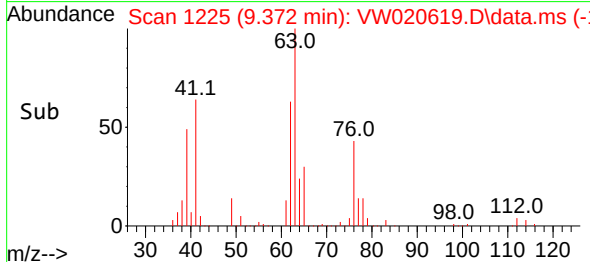
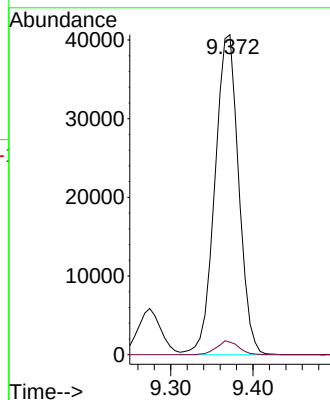
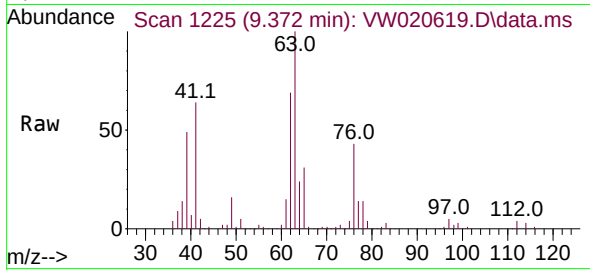




#37
1,2-Dichloropropane
Concen: 27.768 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

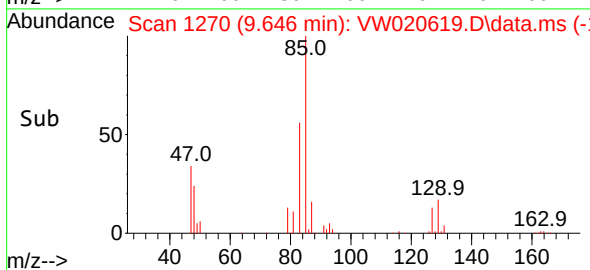
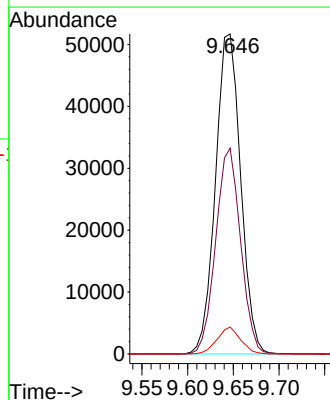
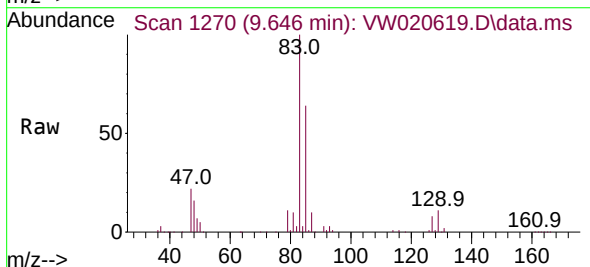
Instrument :
MSVOA_W
ClientSampled :

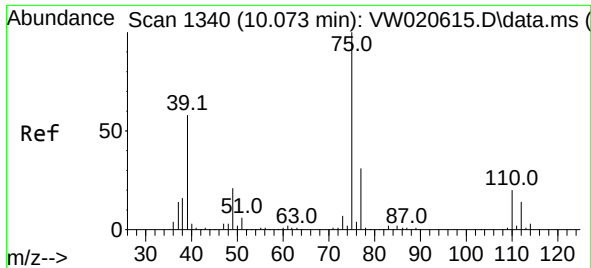
Tgt Ion: 63 Resp: 81801
Ion Ratio Lower Upper
63 100
112 4.0 3.5 5.3



#38
Bromodichloromethane
Concen: 28.066 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 83 Resp: 99132
Ion Ratio Lower Upper
83 100
85 64.3 43.4 80.6
127 8.5 6.2 9.2

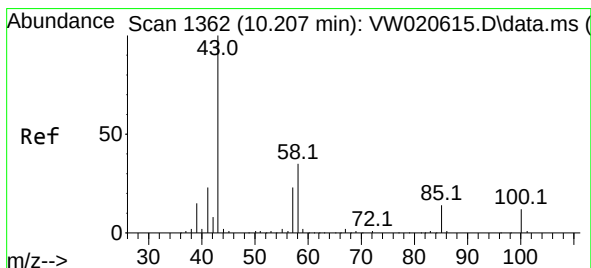
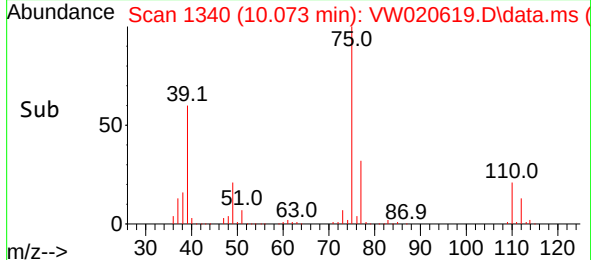
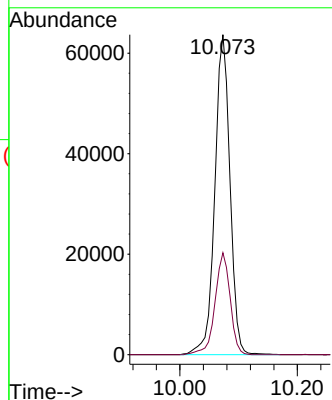
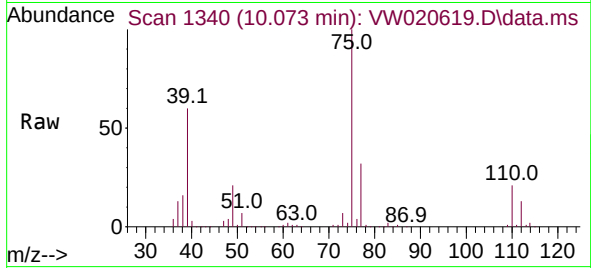




#39
cis-1,3-Dichloropropene
Concen: 28.033 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

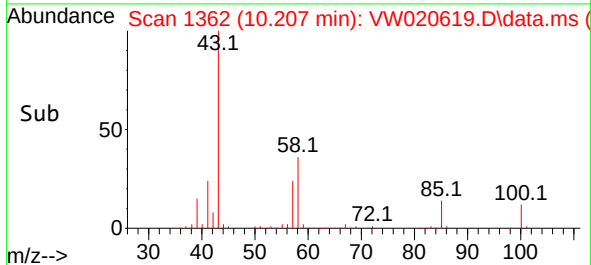
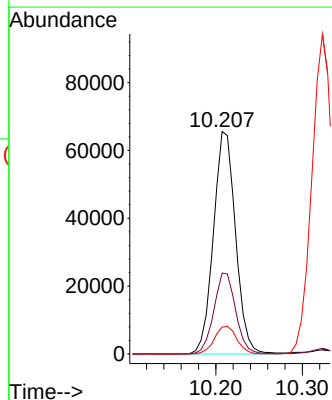
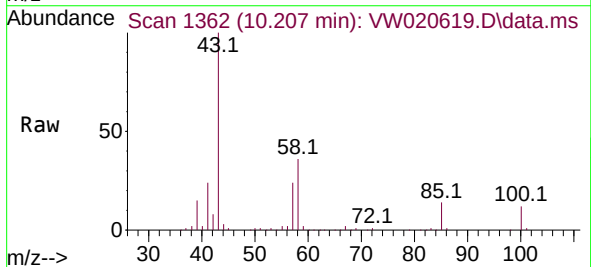
Instrument :
MSVOA_W
ClientSampled :

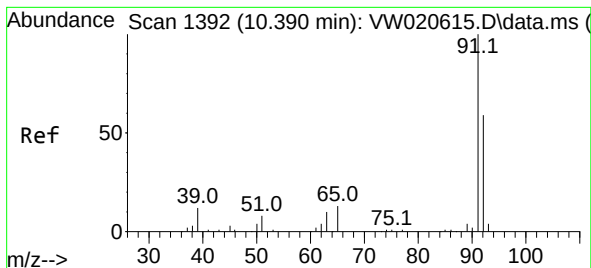
Tgt Ion: 75 Resp: 113940
Ion Ratio Lower Upper
75 100
77 31.9 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 65.880 ug/L
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 43 Resp: 116485
Ion Ratio Lower Upper
43 100
58 35.9 29.0 43.4
100 12.6 10.2 15.4





#42

Toluene

Concen: 26.811 ug/L

RT: 10.390 min Scan# 1392

Delta R.T. -0.000 min

Lab File: VW020619.D

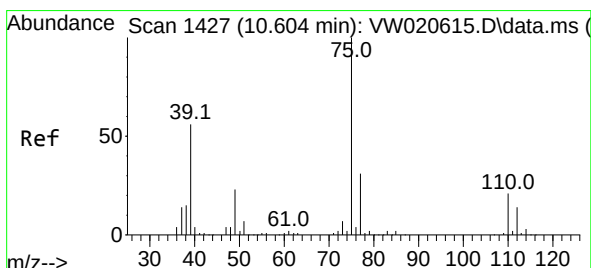
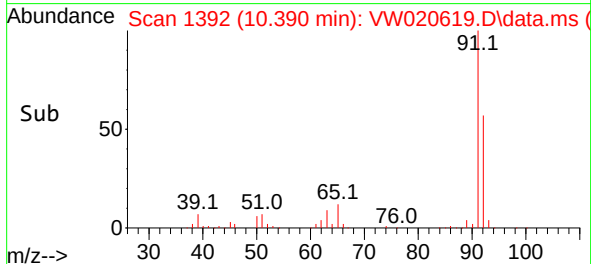
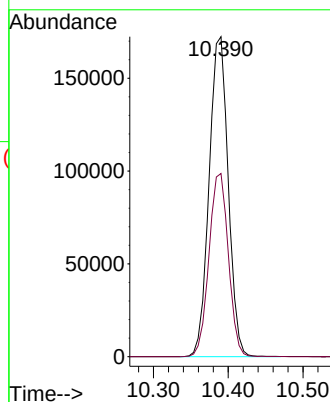
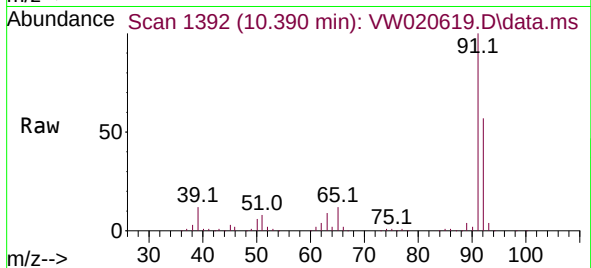
Acq: 19 Oct 2021 20:47

Tgt Ion: 91 Resp: 305926

Ion Ratio Lower Upper

91 100

92 57.2 41.5 77.1



#44

trans-1,3-Dichloropropene

Concen: 28.182 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VW020619.D

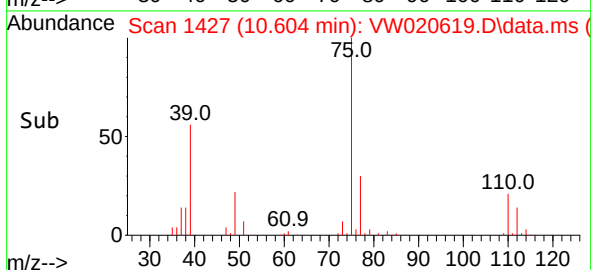
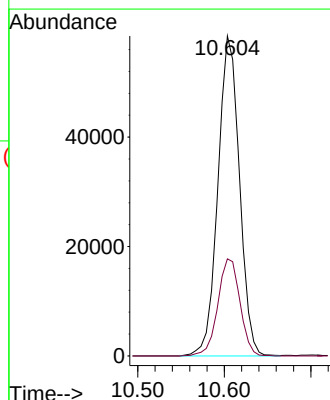
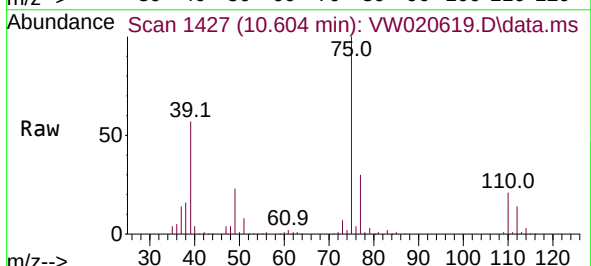
Acq: 19 Oct 2021 20:47

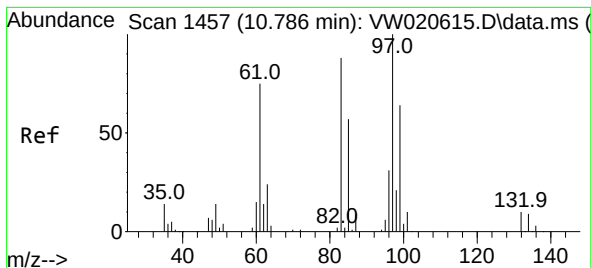
Tgt Ion: 75 Resp: 100978

Ion Ratio Lower Upper

75 100

77 30.4 21.8 40.4



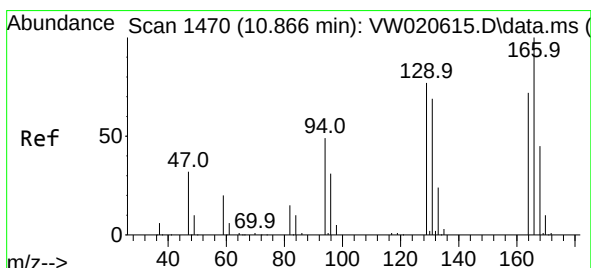
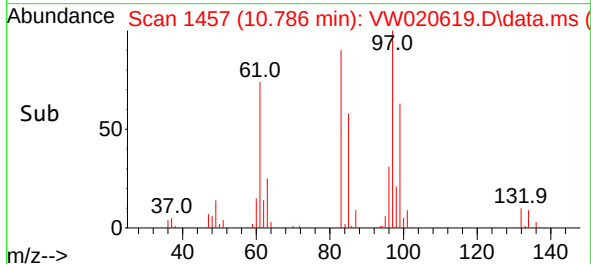
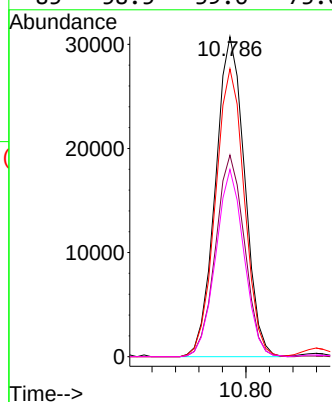
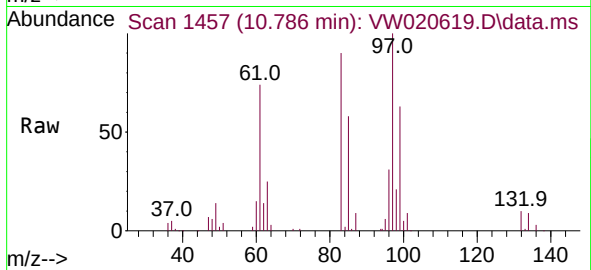


#45
1,1,2-Trichloroethane
Concen: 28.013 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion: 97 Resp: 52986

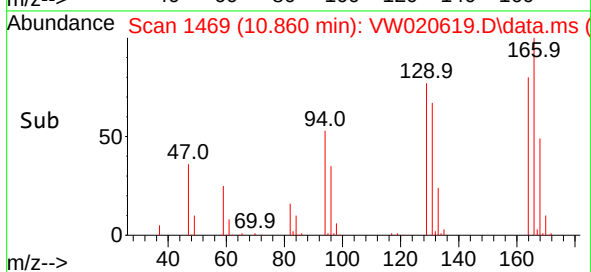
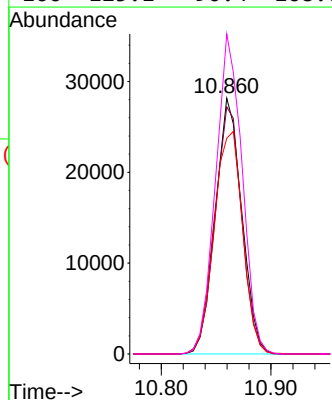
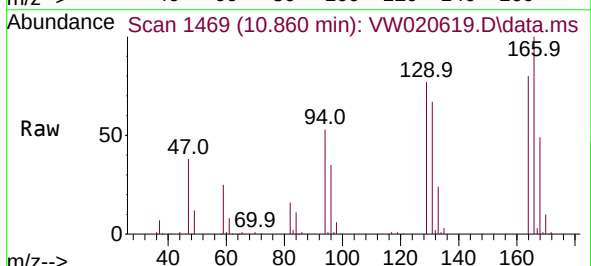
Ion	Ratio	Lower	Upper
97	100		
99	63.0	42.8	79.4
83	90.0	60.9	113.1
85	58.5	39.6	73.6

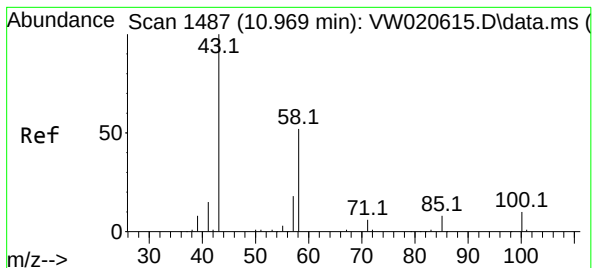


#46
Tetrachloroethene
Concen: 23.442 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 164 Resp: 47189

Ion	Ratio	Lower	Upper
164	100		
129	96.6	69.1	128.3
131	84.4	58.3	108.3
166	125.1	90.4	168.0

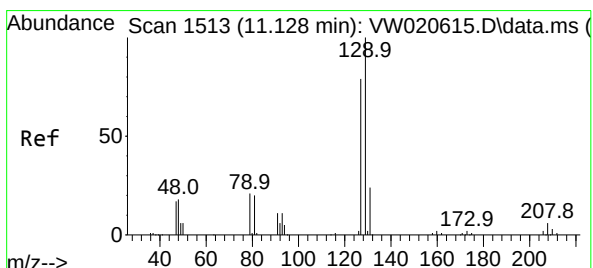
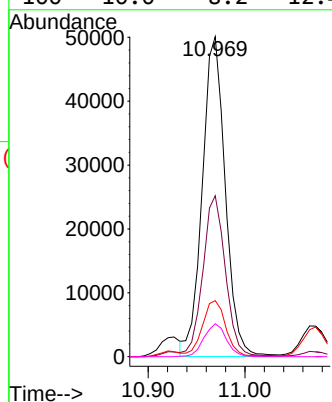
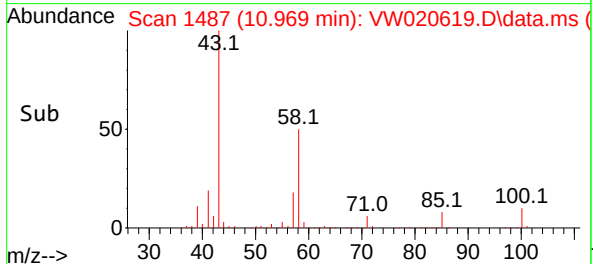
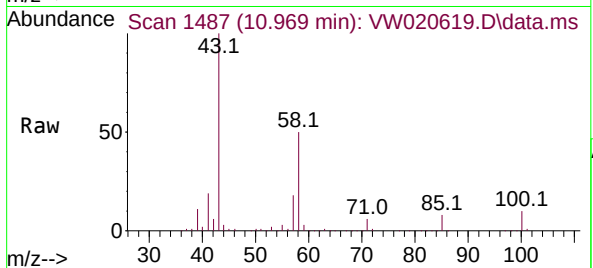




#48
2-Hexanone
Concen: 63.903 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

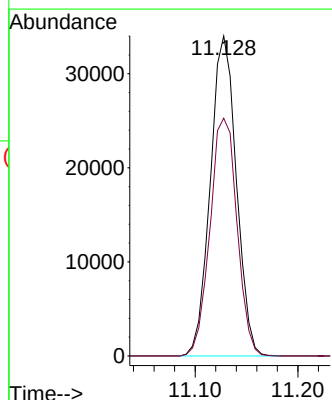
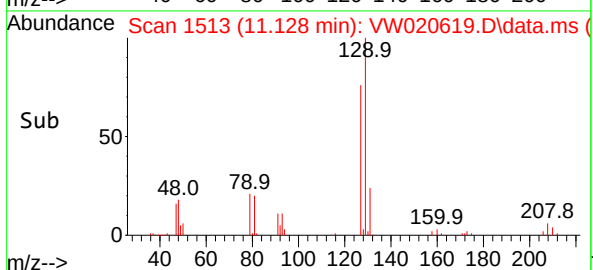
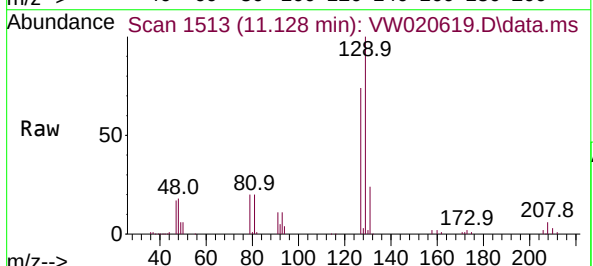
Instrument :
MSVOA_W
ClientSampleId :

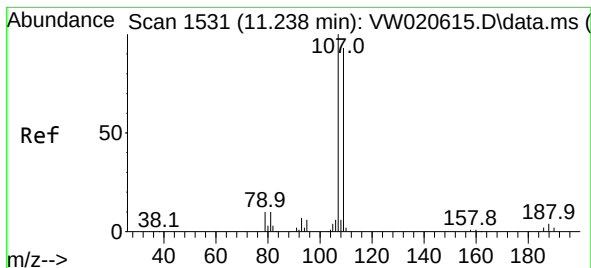
Tgt Ion:	43	Resp:	82900
Ion	Ratio	Lower	Upper
43	100		
58	49.6	39.5	59.3
57	17.9	14.2	21.4
100	10.0	8.2	12.4



#49
Dibromochloromethane
Concen: 28.666 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:	129	Resp:	59736
Ion	Ratio	Lower	Upper
129	100		
127	74.3	55.1	102.3

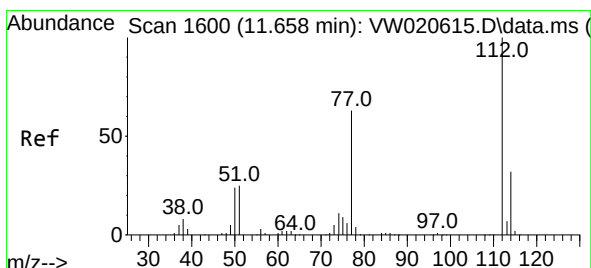
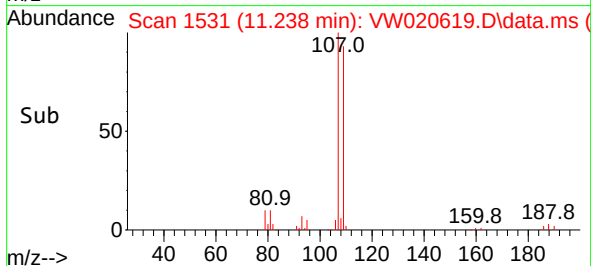
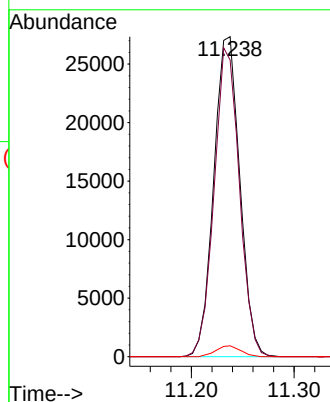
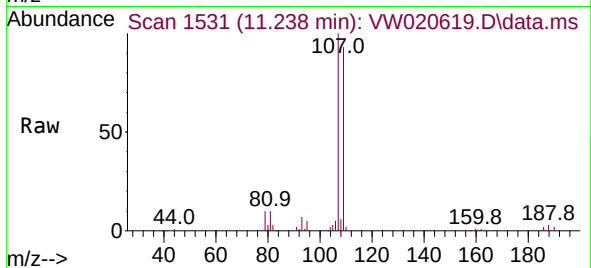




#50
1,2-Dibromoethane
Concen: 27.670 ug/L
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

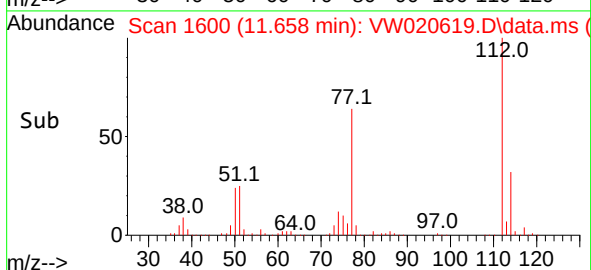
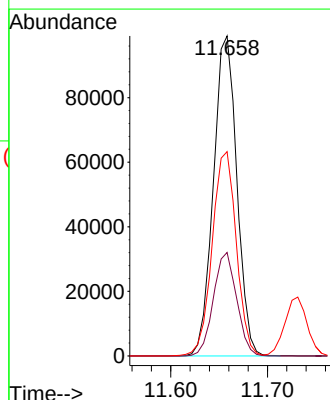
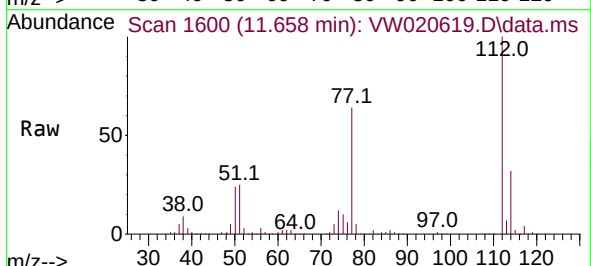
Instrument :
MSVOA_W
ClientSampleId :

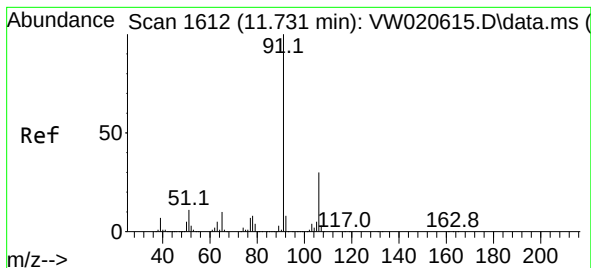
Tgt Ion:	107	Resp:	48074
Ion	Ratio	Lower	Upper
107	100		
109	92.7	64.5	119.9
188	3.4	3.2	4.8



#51
Chlorobenzene
Concen: 23.723 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:	112	Resp:	166924
Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.3	41.5
77	63.9	50.7	76.1

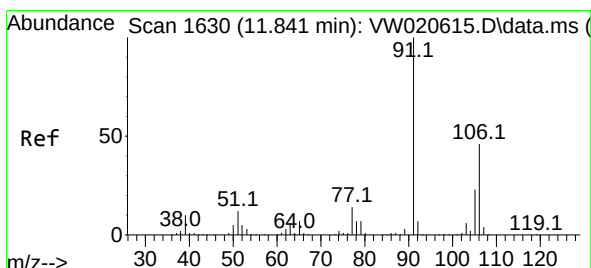
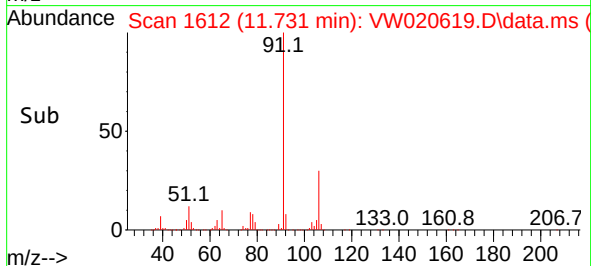
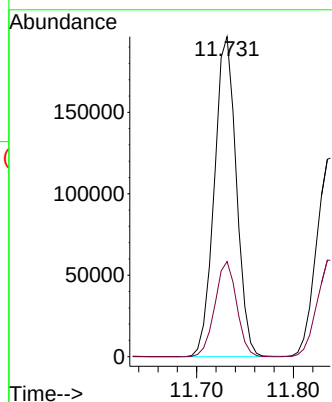
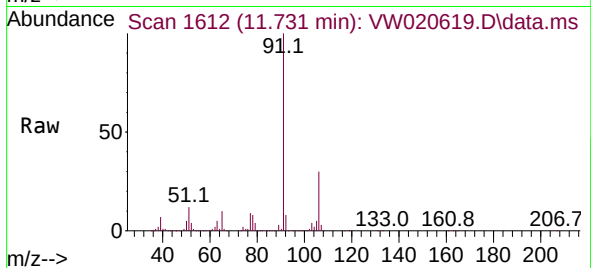




#52
Ethylbenzene
Concen: 25.064 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

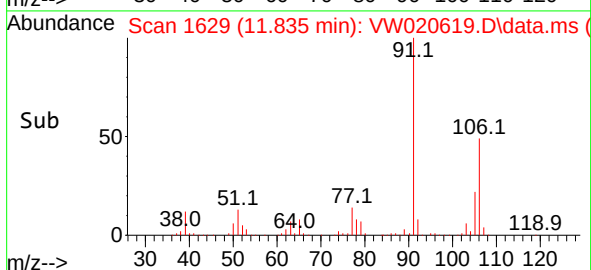
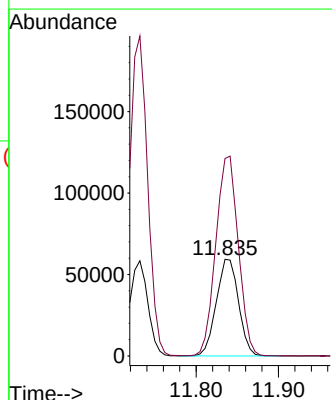
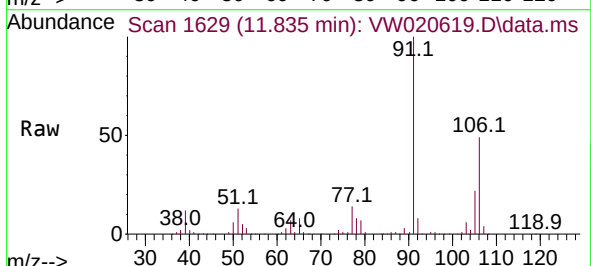
Instrument :
MSVOA_W
ClientSampled :

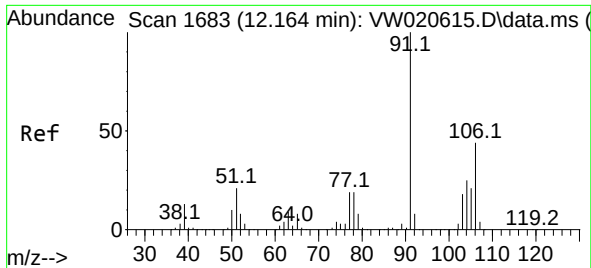
Tgt Ion: 91 Resp: 310125
Ion Ratio Lower Upper
91 100
106 29.7 21.3 39.5



#53
m,p-Xylene
Concen: 24.295 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 106 Resp: 111380
Ion Ratio Lower Upper
106 100
91 204.3 148.2 275.2

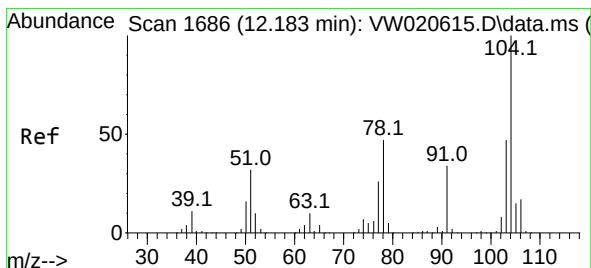
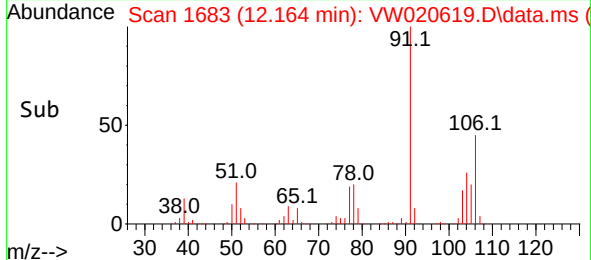
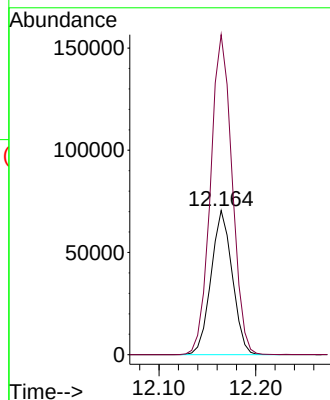
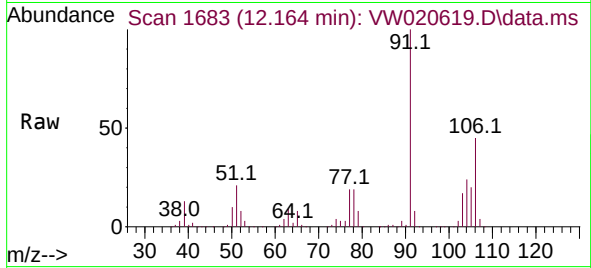




#54
o-Xylene
Concen: 25.426 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

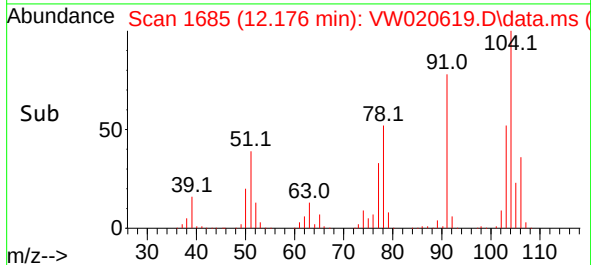
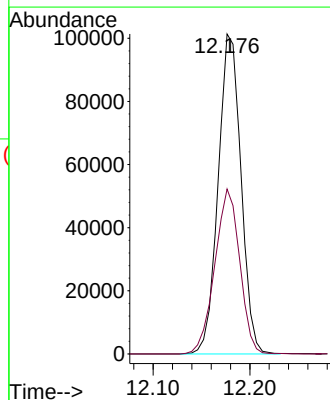
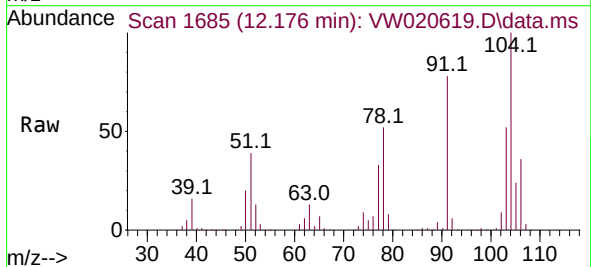
Instrument :
MSVOA_W
ClientSampleId :

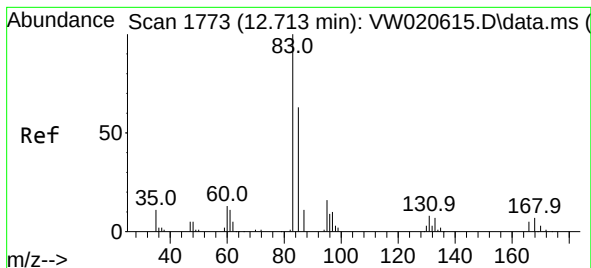
Tgt Ion:106 Resp: 107653
Ion Ratio Lower Upper
106 100
91 221.9 156.1 289.9



#55
Styrene
Concen: 22.400 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:104 Resp: 165825
Ion Ratio Lower Upper
104 100
78 51.6 33.2 61.7

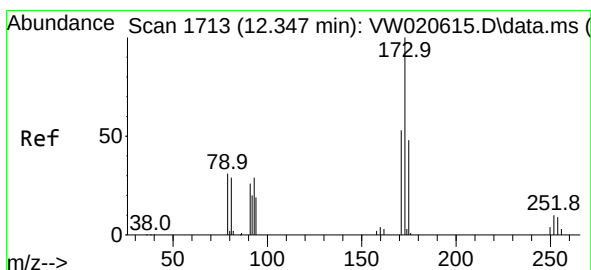
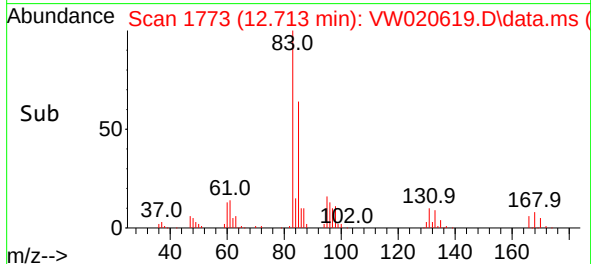
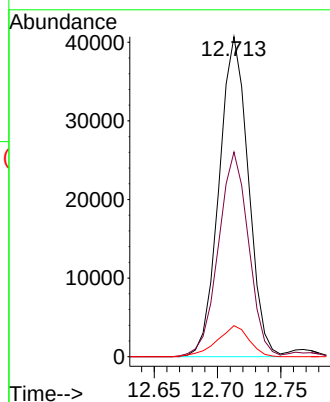
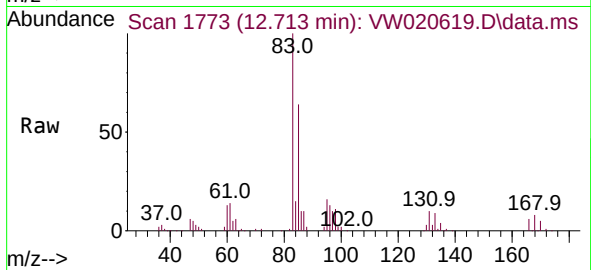




#57
1,1,2,2-Tetrachloroethane
Concen: 27.909 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

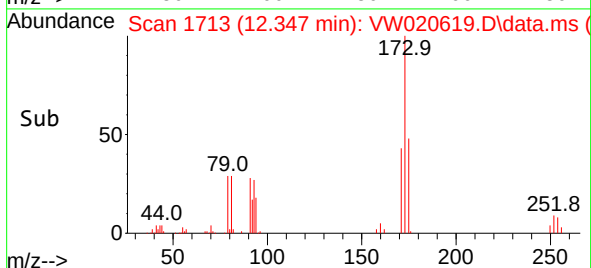
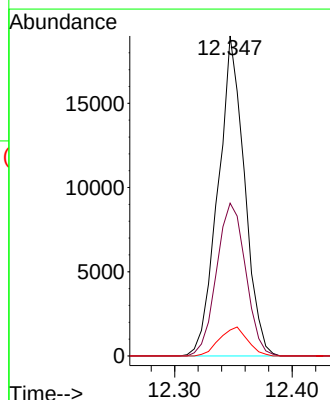
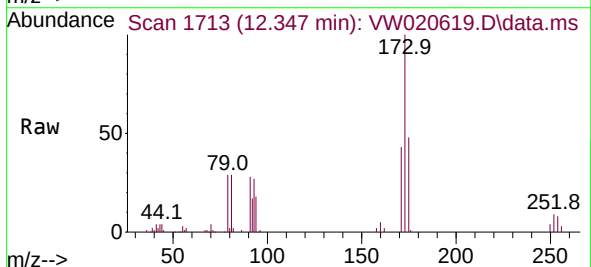
Instrument :
MSVOA_W
ClientSampleId :

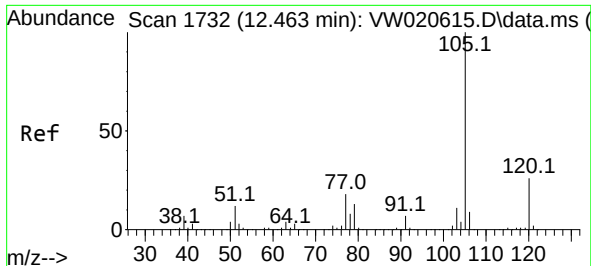
Tgt Ion: 83 Resp: 65441
Ion Ratio Lower Upper
83 100
85 64.0 45.9 85.3
131 9.7 7.4 11.2



#59
Bromoform
Concen: 34.477 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:173 Resp: 29711
Ion Ratio Lower Upper
173 100
175 52.5 38.6 57.8
254 9.6 7.3 10.9

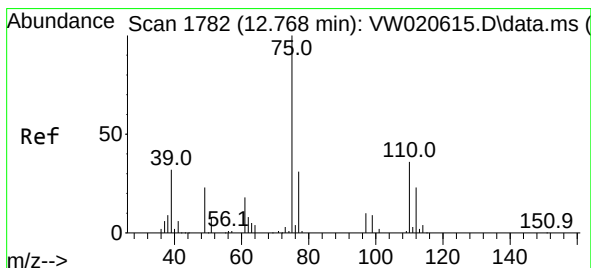
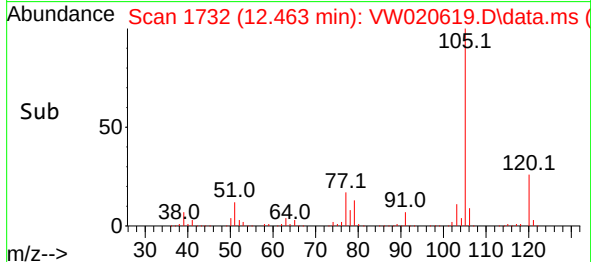
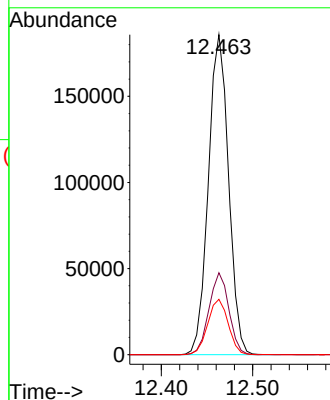
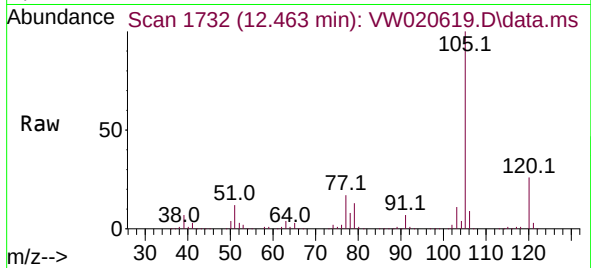




#60
Isopropylbenzene
Concen: 31.644 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

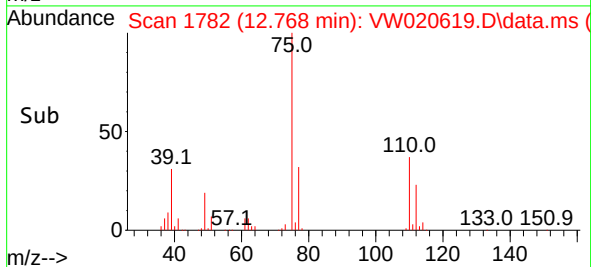
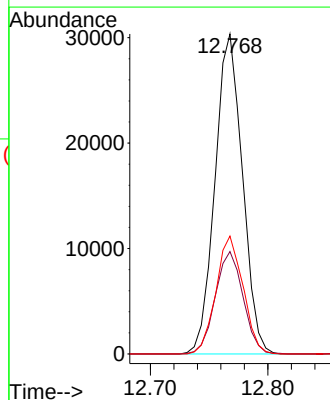
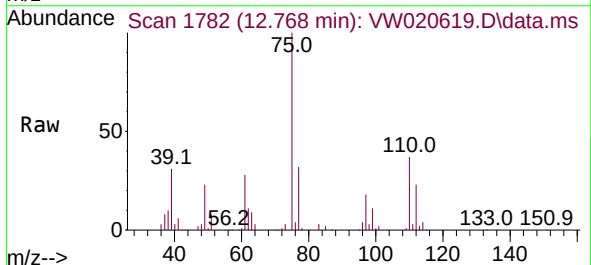
Instrument :
MSVOA_W
ClientSampleId :

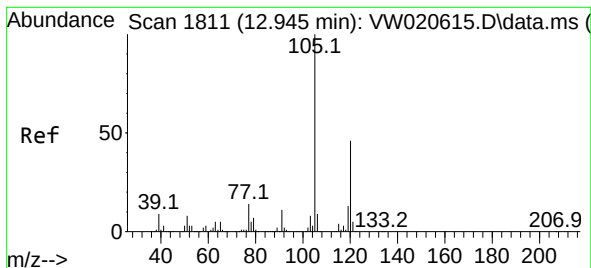
Tgt Ion:105 Resp: 285708
Ion Ratio Lower Upper
105 100
120 25.2 20.3 30.5
77 17.6 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 36.327 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion: 75 Resp: 49231
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7
110 36.3 29.4 44.0

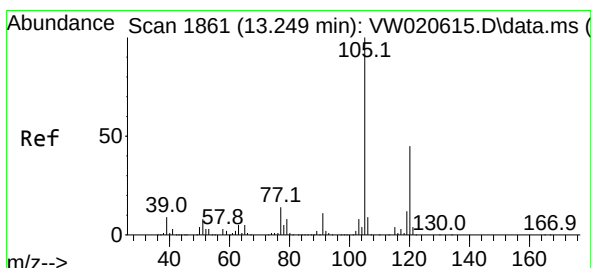
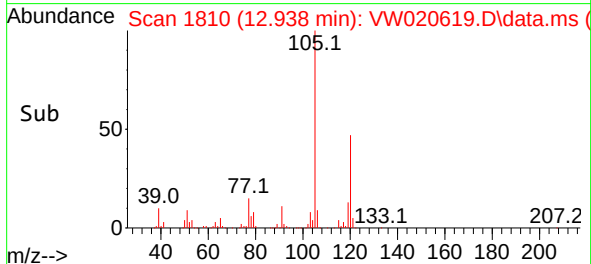
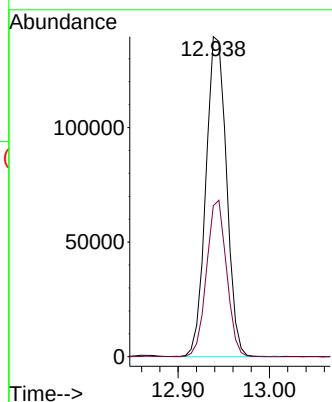
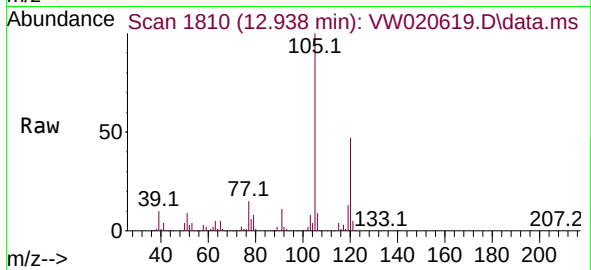




#62
1,3,5-Trimethylbenzene
Concen: 29.641 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

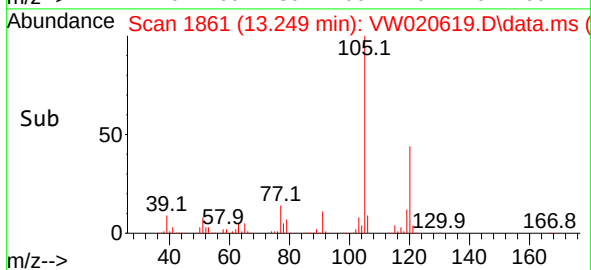
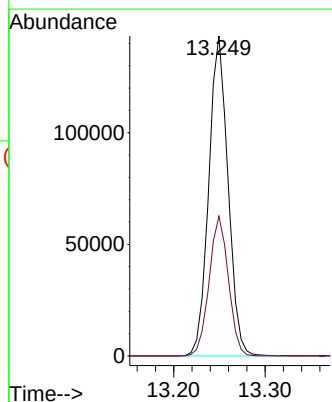
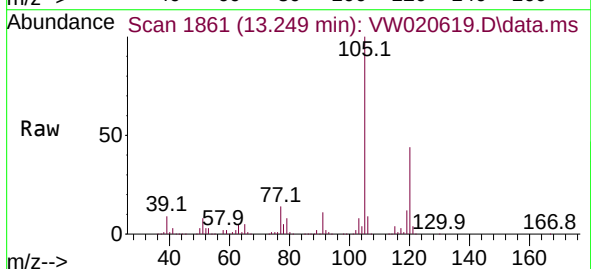
Instrument :
MSVOA_W
ClientSampled :

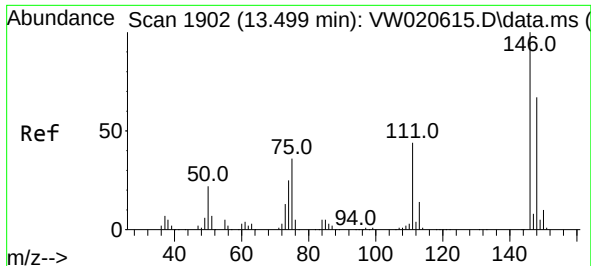
Tgt Ion:105 Resp: 218505
Ion Ratio Lower Upper
105 100
120 47.4 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 28.692 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:105 Resp: 209506
Ion Ratio Lower Upper
105 100
120 43.6 35.4 53.2

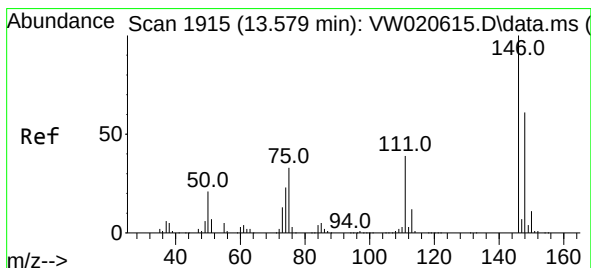
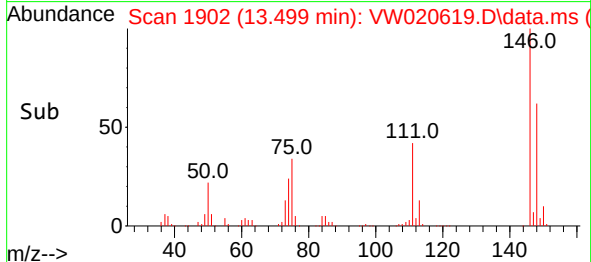
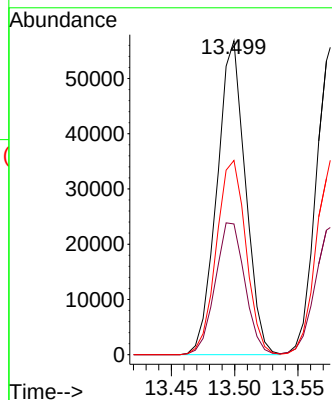
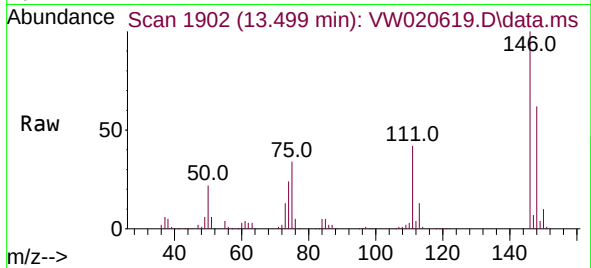




#64
1,3-Dichlorobenzene
Concen: 22.772 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

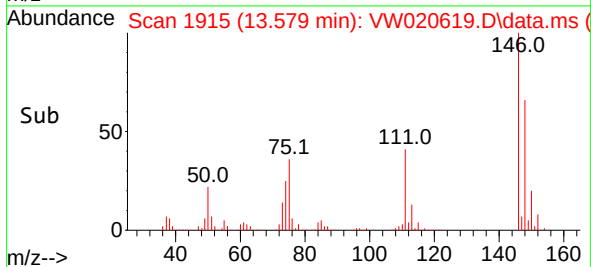
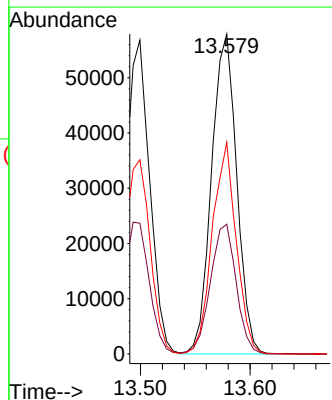
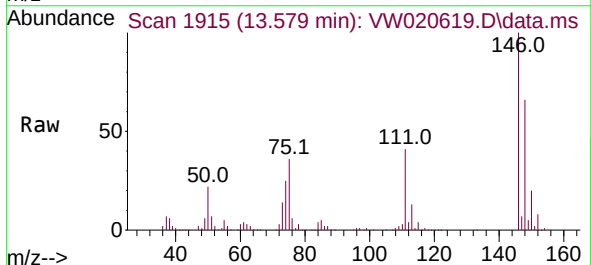
Instrument :
MSVOA_W
ClientSampled :

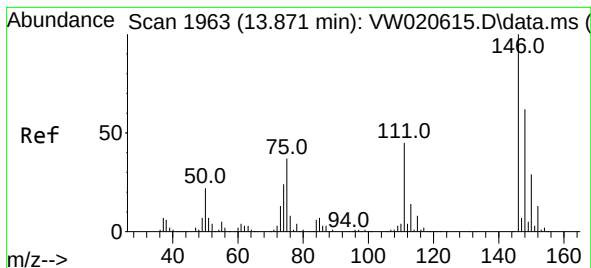
Tgt Ion:146 Resp: 88961
Ion Ratio Lower Upper
146 100
111 41.7 29.0 53.8
148 61.9 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 22.891 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:146 Resp: 92497
Ion Ratio Lower Upper
146 100
111 40.6 30.9 57.5
148 66.1 46.1 85.7

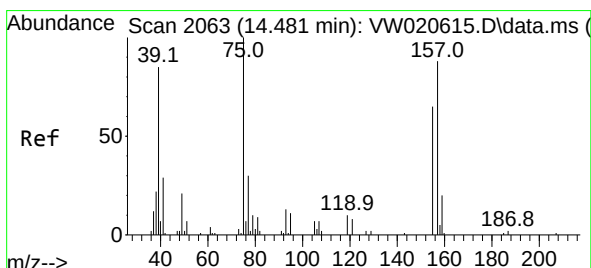
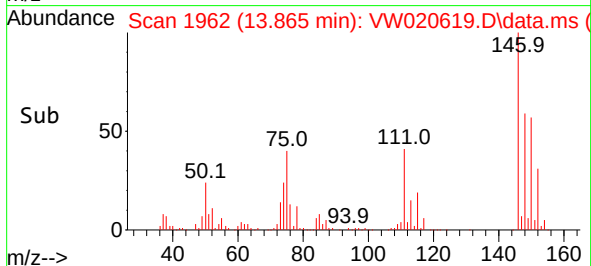
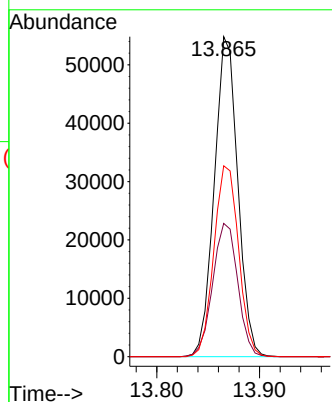
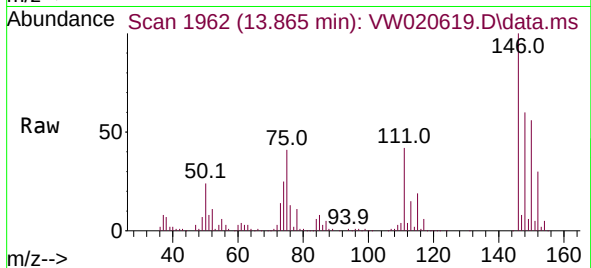




#67
1,2-Dichlorobenzene
Concen: 24.285 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

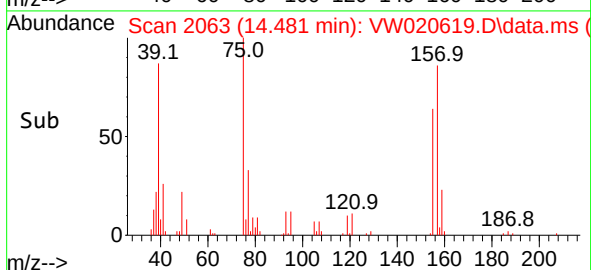
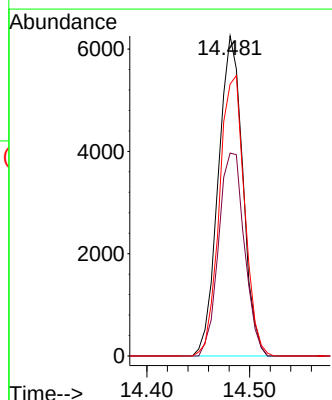
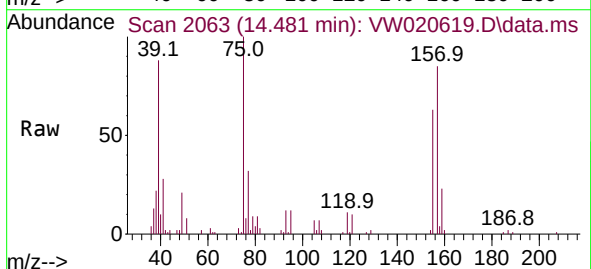
Instrument :
MSVOA_W
ClientSampleId :

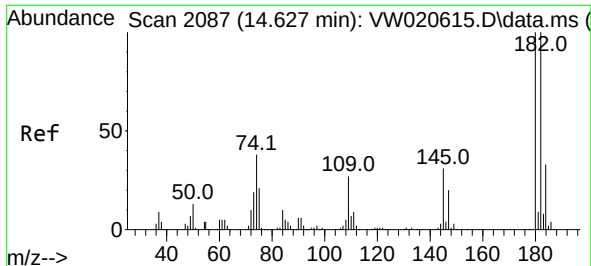
Tgt Ion:146 Resp: 86919
Ion Ratio Lower Upper
146 100
111 41.6 33.9 50.9
148 59.6 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 36.007 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

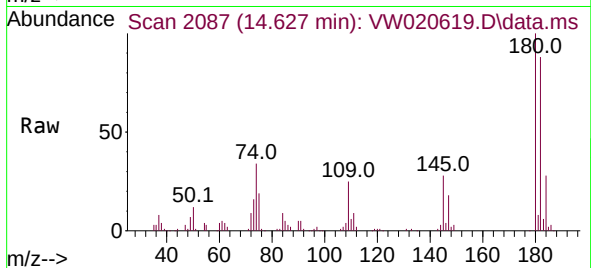
Tgt Ion: 75 Resp: 10365
Ion Ratio Lower Upper
75 100
155 63.4 51.4 77.0
157 84.9 70.8 106.2



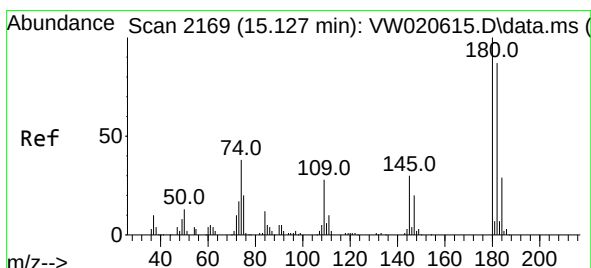
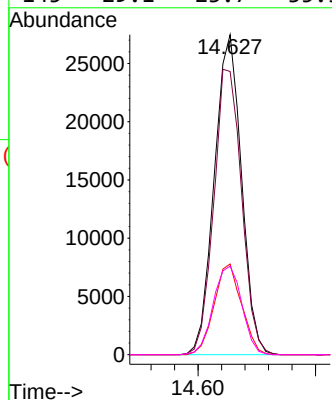
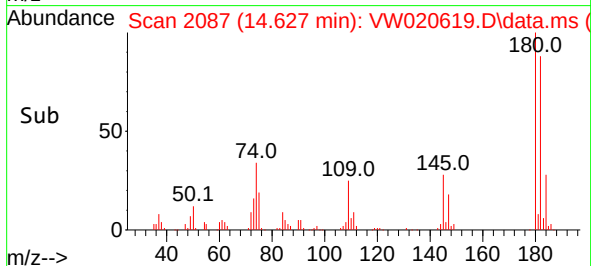


#69
1,3,5-Trichlorobenzene
Concen: 15.820 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

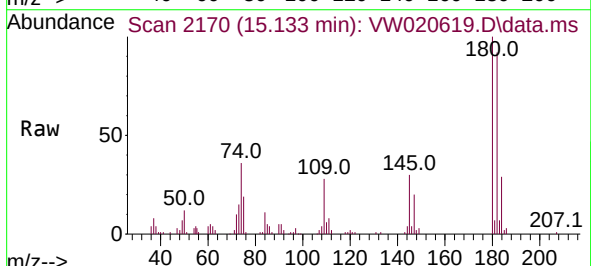
Instrument :
MSVOA_W
ClientSampled :



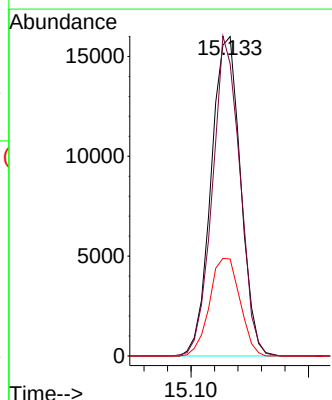
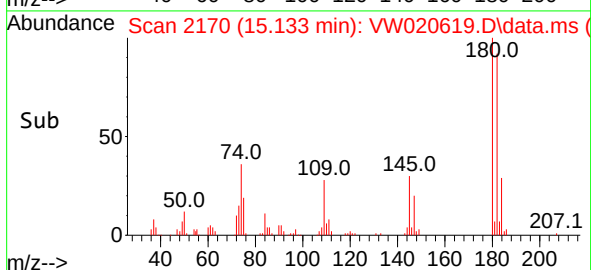
Tgt Ion:180 Resp: 44069
Ion Ratio Lower Upper
180 100
182 91.3 73.4 110.0
184 28.7 24.2 36.4
145 29.1 23.7 35.5

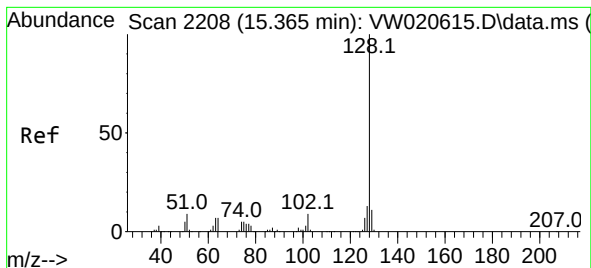


#70
1,2,4-trichlorobenzene
Concen: 12.626 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47



Tgt Ion:180 Resp: 27850
Ion Ratio Lower Upper
180 100
182 93.5 75.8 113.8
145 31.6 24.8 37.2

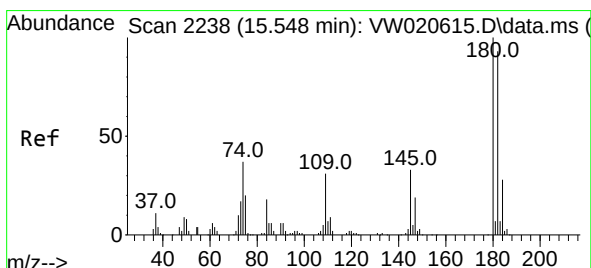
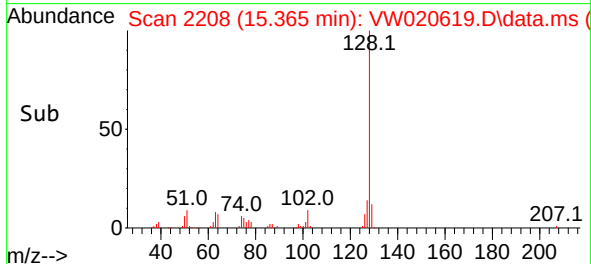
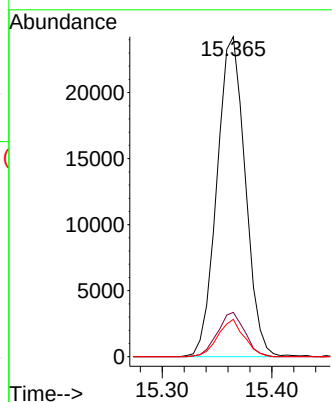
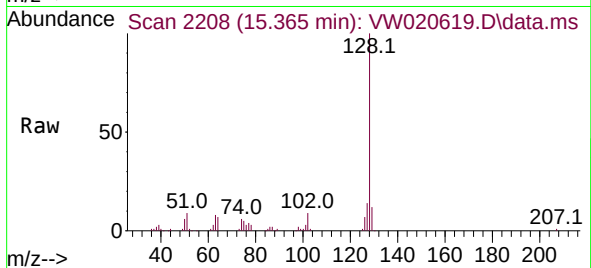




#71
Naphthalene
Concen: 10.951 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 43428
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 12.683 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020619.D
Acq: 19 Oct 2021 20:47

Tgt Ion:180 Resp: 24570
Ion Ratio Lower Upper
180 100
182 94.1 74.8 112.2
145 33.4 26.2 39.4

