

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102021\
 Data File : VW020644.D
 Acq On : 20 Oct 2021 11:00
 Operator : SY/VA
 Sample : M4264-08MS
 Misc : 4.23g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Oct 21 01:10:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM100821SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Oct 21 01:08:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	154391	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	149642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	75524	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	43673	19.440	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.760%
7) Chloroethane-d5	2.873	69	19526	16.454	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.800%
11) 1,1-Dichloroethene-d2	4.013	63	99359	21.584	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.320%
21) 2-Butanone-d5	7.080	46	27505	40.230	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.460%
24) Chloroform-d	7.647	84	112472	22.854	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	8.305	65	63245	22.501	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.000%
32) Benzene-d6	8.275	84	217419	22.088	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.360%
36) 1,2-Dichloropropane-d6	9.274	67	69531	21.674	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	86.680%
41) Toluene-d8	10.323	98	202898	22.973	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.579	79	28409	21.792	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.160%
47) 2-Hexanone-d5	10.927	63	21221	43.001	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.000%
56) 1,1,2,2-Tetrachloroeth...	12.695	84	51164	21.099	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	67218	22.752	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	9995	10.018	ug/L	99
3) Chloromethane	2.215	50	46088	22.217	ug/L	97
5) Vinyl chloride	2.355	62	48896	16.758	ug/L	99
6) Bromomethane	2.751	94	15471	12.208	ug/L	100
8) Chloroethane	2.910	64	15223	14.130	ug/L	92
9) Trichlorofluoromethane	3.251	101	29904	18.014	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48504	20.487	ug/L	98
12) 1,1-Dichloroethene	4.038	96	41156	18.959	ug/L	94
13) Acetone	4.123	43	23611	37.615	ug/L	99
14) Carbon disulfide	4.379	76	124390	17.617	ug/L	98
15) Methyl Acetate	4.678	43	28131	24.133	ug/L	98
16) Methylene chloride	4.909	84	49054	16.344	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	44299	19.451	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	74075	23.086	ug/L	99
19) 1,1-Dichloroethane	6.220	63	96031	20.568	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	48987	20.694	ug/L	100
22) 2-Butanone	7.171	43	27768	35.340	ug/L	98
23) Bromochloromethane	7.519	128	21381	20.593	ug/L	98
25) Chloroform	7.677	83	95440	21.027	ug/L	97

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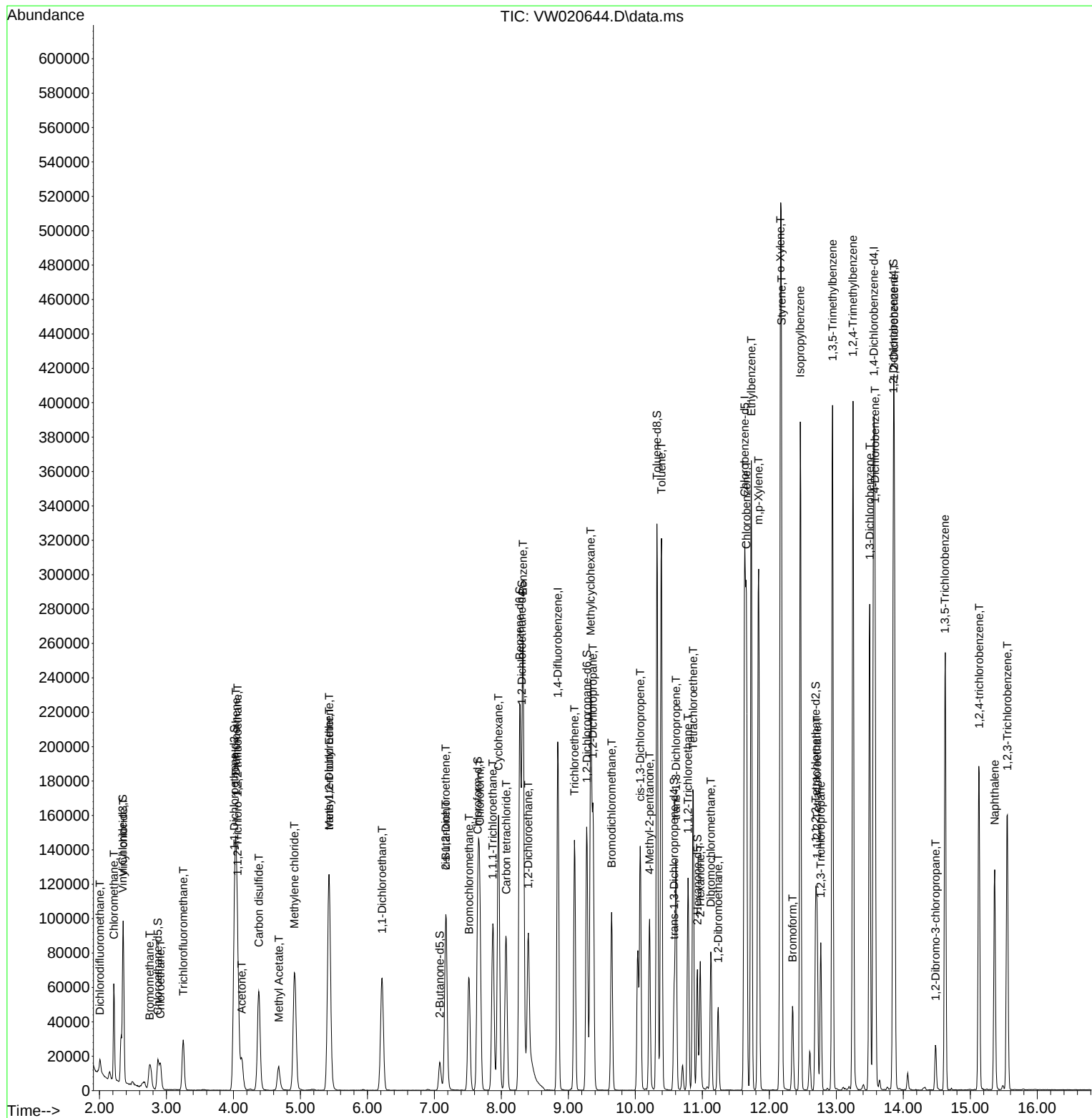
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.403	62	65231	21.012	ug/L	100
29) Cyclohexane	7.958	56	81168	18.527	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76982	20.708	ug/L	99
31) Carbon tetrachloride	8.073	117	66713	20.411	ug/L	99
33) Benzene	8.323	78	221645	20.795	ug/L	100
34) Trichloroethene	9.091	95	50577	19.262	ug/L	98
35) Methylcyclohexane	9.335	83	83944	18.681	ug/L	97
37) 1,2-Dichloropropane	9.366	63	56563	20.493	ug/L	100
38) Bromodichloromethane	9.646	83	67221	20.313	ug/L	98
39) cis-1,3-Dichloropropene	10.073	75	78658	20.655	ug/L	99
40) 4-Methyl-2-pentanone	10.213	43	67541	40.770	ug/L	98
42) Toluene	10.390	91	224481	20.997	ug/L	96
44) trans-1,3-Dichloropropene	10.610	75	69144	20.596	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	35509	20.037	ug/L	99
46) Tetrachloroethene	10.866	164	37148	19.696	ug/L	94
48) 2-Hexanone	10.969	43	47138	38.782	ug/L	100
49) Dibromochloromethane	11.128	129	40634	20.812	ug/L	97
50) 1,2-Dibromoethane	11.237	107	31683	19.463	ug/L	97
51) Chlorobenzene	11.658	112	131519	19.950	ug/L	98
52) Ethylbenzene	11.731	91	239872	20.691	ug/L	98
53) m,p-Xylene	11.841	106	90379	21.040	ug/L	100
54) o-Xylene	12.164	106	84936	21.411	ug/L	96
55) Styrene	12.182	104	151771	21.881	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	43940	20.000	ug/L	99
59) Bromoform	12.347	173	20731	19.594	ug/L	100
60) Isopropylbenzene	12.463	105	228080	20.576	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	32504	19.536	ug/L	98
62) 1,3,5-Trimethylbenzene	12.944	105	195300	21.579	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	198440	22.136	ug/L	100
64) 1,3-Dichlorobenzene	13.499	146	101758	21.216	ug/L	98
65) 1,4-Dichlorobenzene	13.578	146	103869	20.937	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	95893	21.823	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	6900	19.524	ug/L	89
69) 1,3,5-Trichlorobenzene	14.621	180	71441	20.889	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	57577	21.261	ug/L	97
71) Naphthalene	15.365	128	101408	20.828	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	50347	21.168	ug/L	97

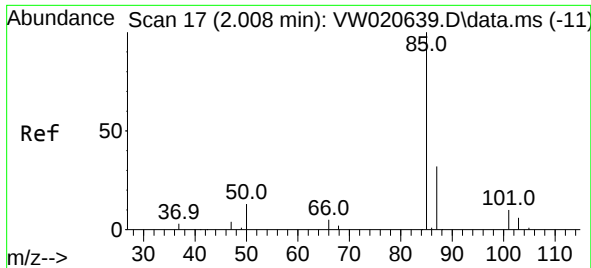
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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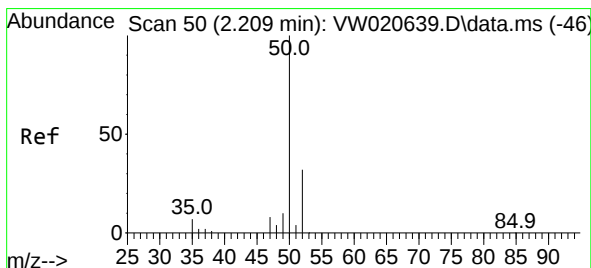
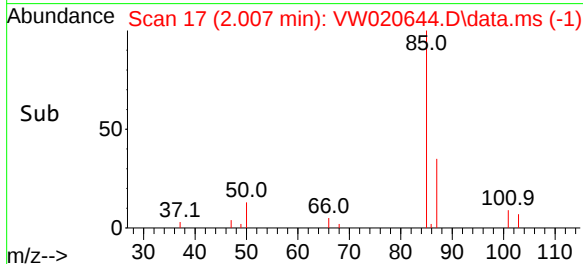
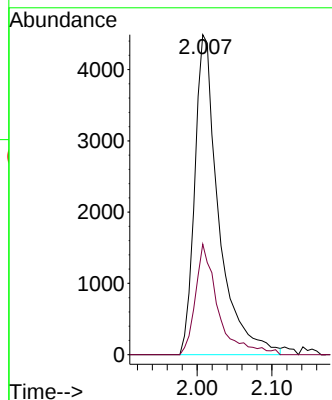
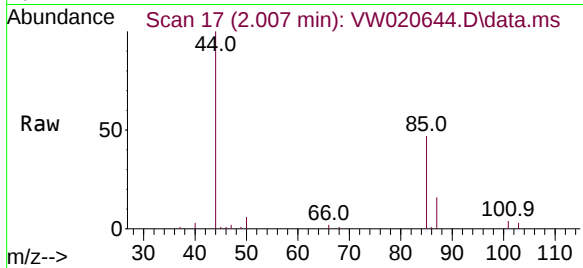




#2
 Dichlorodifluoromethane
 Concen: 10.018 ug/L
 RT: 2.007 min Scan# 17
 Delta R.T. -0.000 min
 Lab File: VW020644.D
 Acq: 20 Oct 2021 11:00

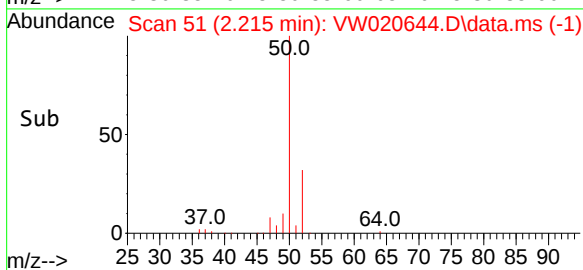
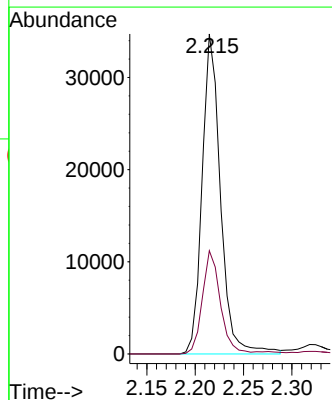
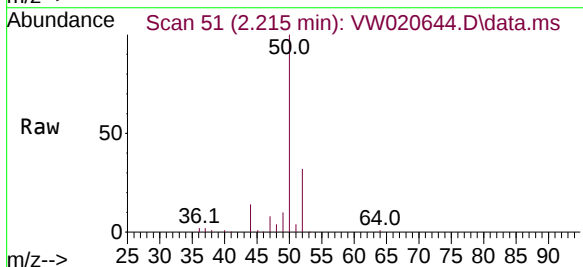
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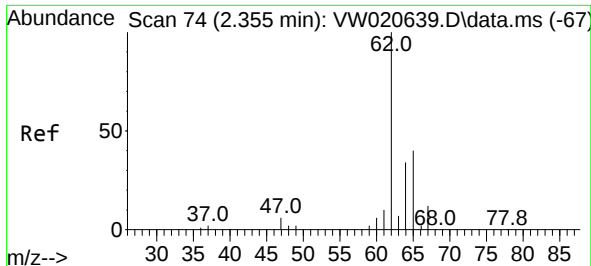
Tgt Ion: 85 Resp: 9995
 Ion Ratio Lower Upper
 85 100
 87 31.7 24.9 37.3



#3
 Chloromethane
 Concen: 22.217 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VW020644.D
 Acq: 20 Oct 2021 11:00

Tgt Ion: 50 Resp: 46088
 Ion Ratio Lower Upper
 50 100
 52 32.3 21.5 39.9

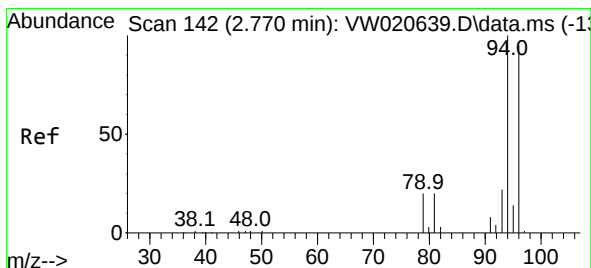
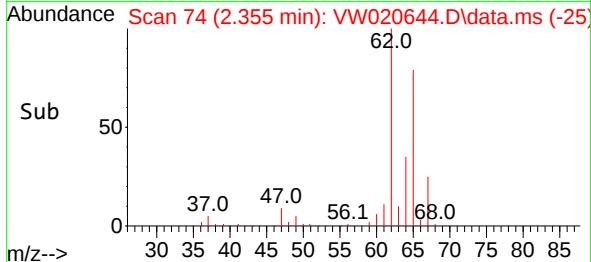
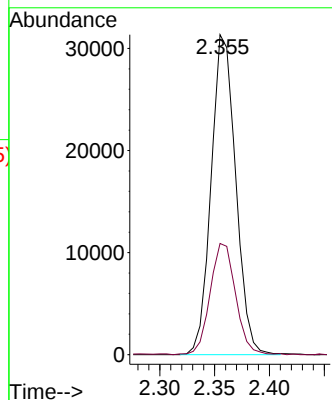
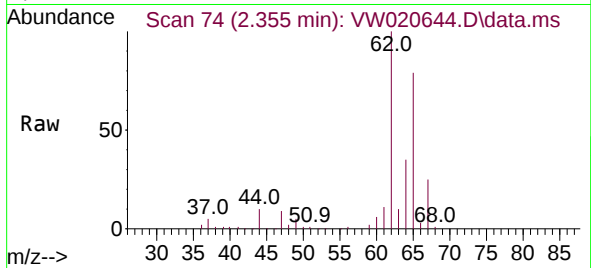




#5
 Vinyl chloride
 Concen: 16.758 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW020644.D
 Acq: 20 Oct 2021 11:00

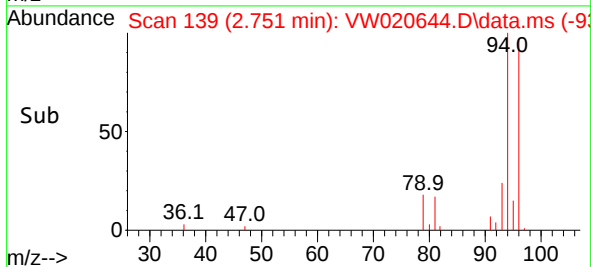
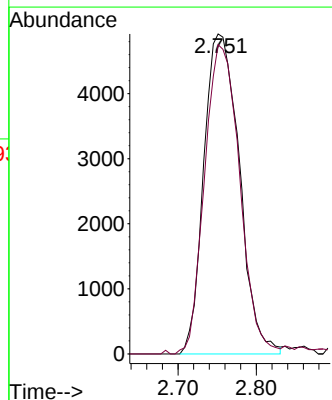
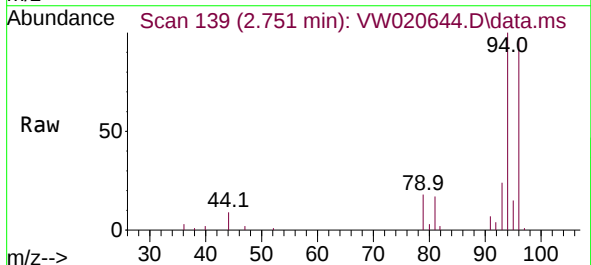
Instrument :
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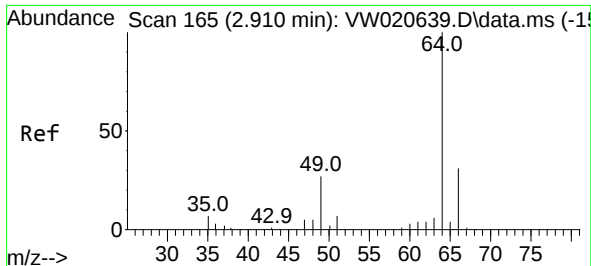
Tgt Ion: 62 Resp: 48896
 Ion Ratio Lower Upper
 62 100
 64 34.8 24.6 45.6



#6
 Bromomethane
 Concen: 12.208 ug/L
 RT: 2.751 min Scan# 139
 Delta R.T. -0.018 min
 Lab File: VW020644.D
 Acq: 20 Oct 2021 11:00

Tgt Ion: 94 Resp: 15471
 Ion Ratio Lower Upper
 94 100
 96 96.7 67.8 126.0





#8

Chloroethane

Concen: 14.130 ug/L

RT: 2.910 min Scan# 165

Delta R.T. -0.000 min

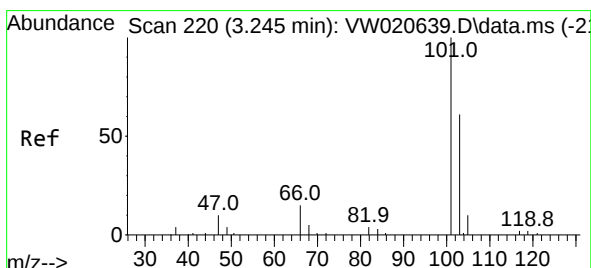
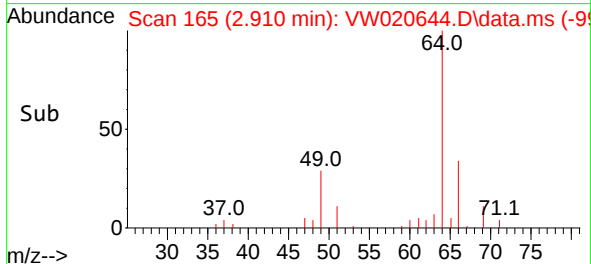
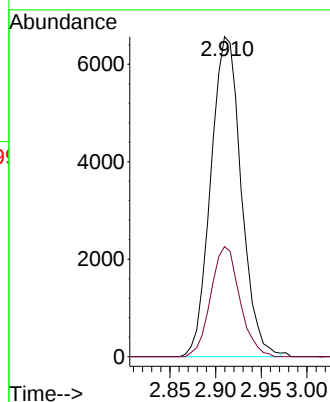
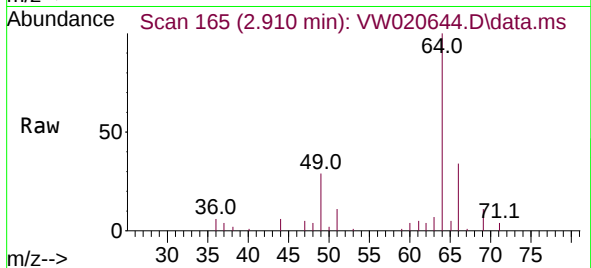
Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion: 64 Resp: 15223

Ion	Ratio	Lower	Upper
64	100		
66	34.4	21.2	39.4

Instrument :
MSVOA_W
ClientSampled :



#9

Trichlorofluoromethane

Concen: 18.014 ug/L

RT: 3.251 min Scan# 221

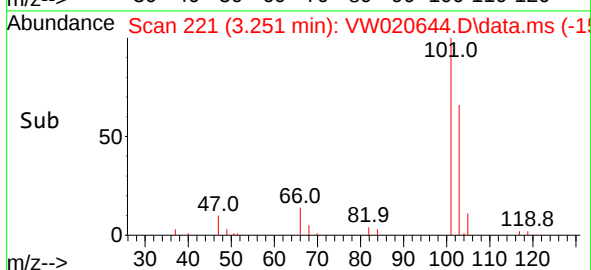
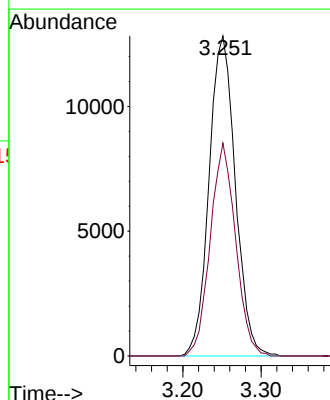
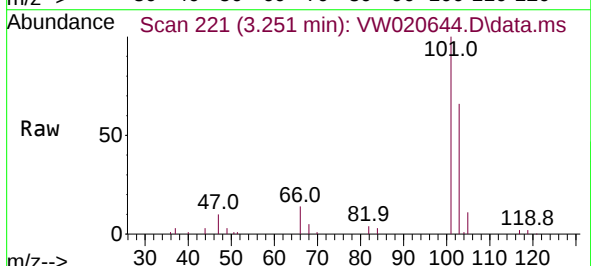
Delta R.T. 0.006 min

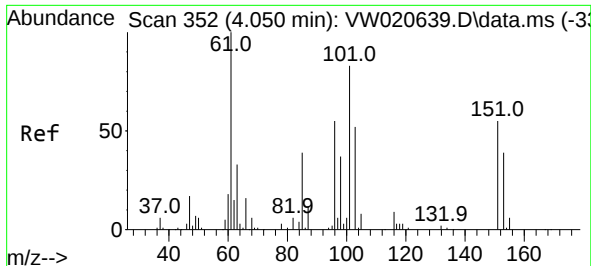
Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion:101 Resp: 29904

Ion	Ratio	Lower	Upper
101	100		
103	64.1	52.2	78.4

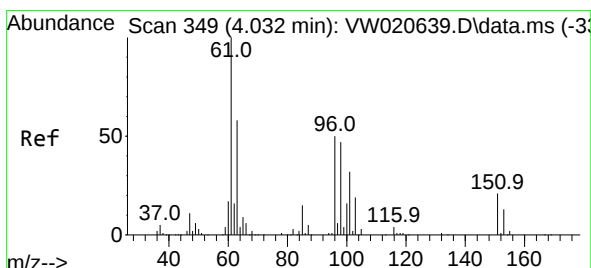
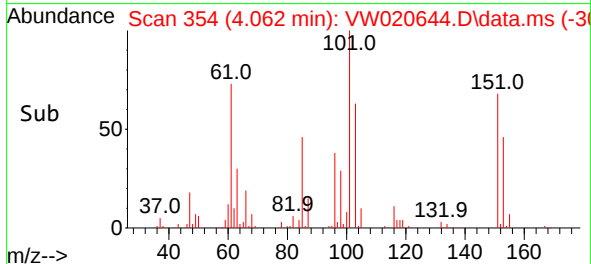
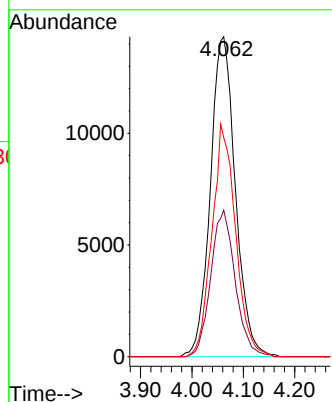
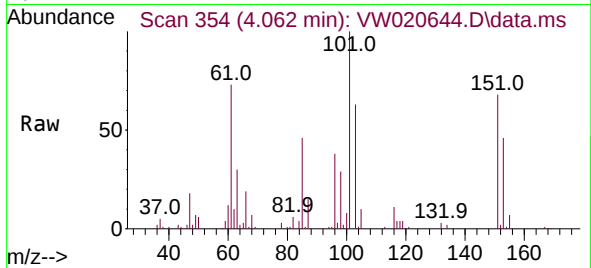




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 20.487 ug/L
RT: 4.062 min Scan# 354
Delta R.T. 0.012 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

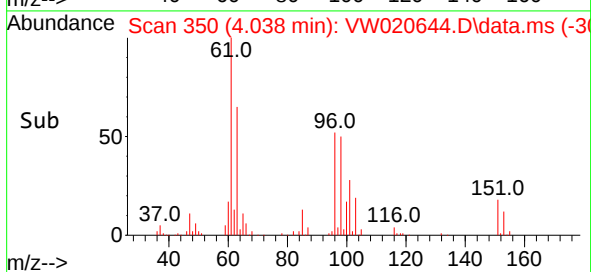
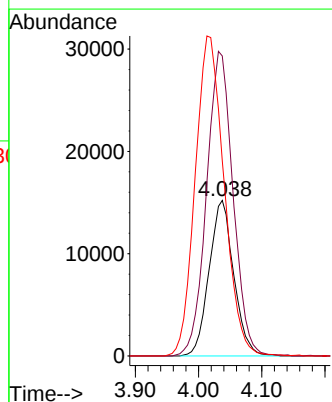
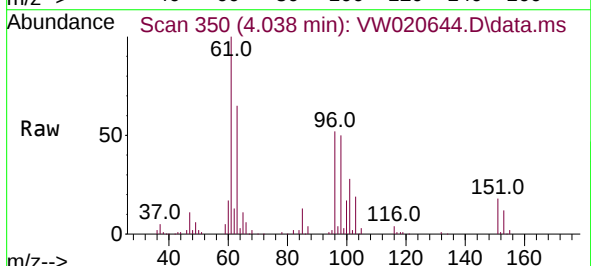
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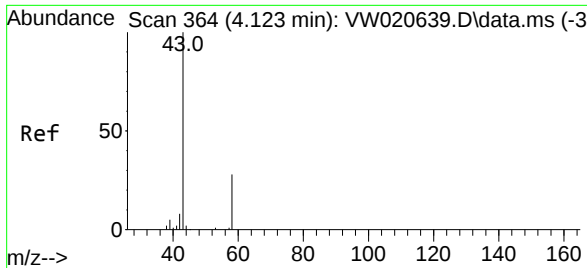
Tgt Ion:101 Resp: 48504
Ion Ratio Lower Upper
101 100
85 44.7 36.3 54.5
151 68.6 56.5 84.7



#12
1,1-Dichloroethene
Concen: 18.959 ug/L
RT: 4.038 min Scan# 350
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 96 Resp: 41156
Ion Ratio Lower Upper
96 100
61 192.9 133.9 248.7
63 125.5 77.3 143.7

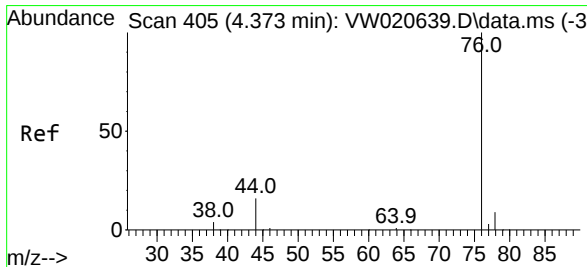
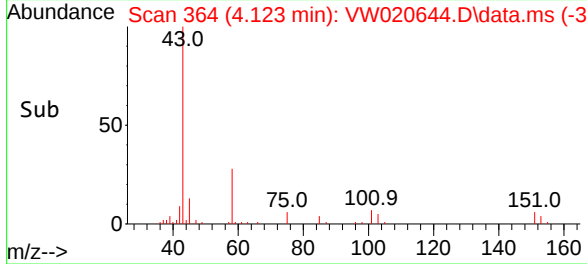
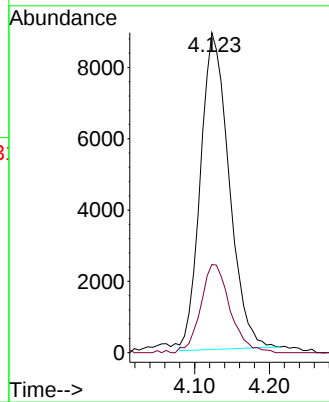
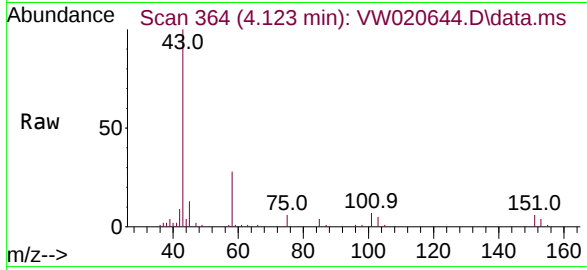




#13
Acetone
Concen: 37.615 ug/L
RT: 4.123 min Scan# 364
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

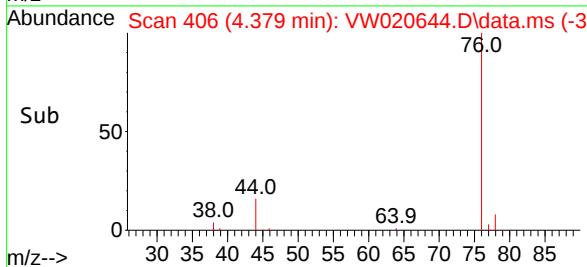
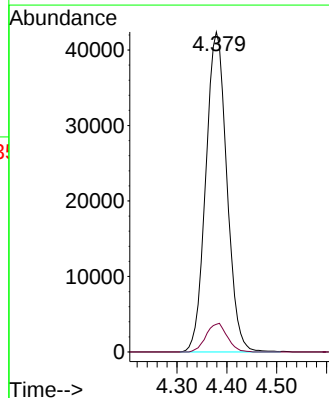
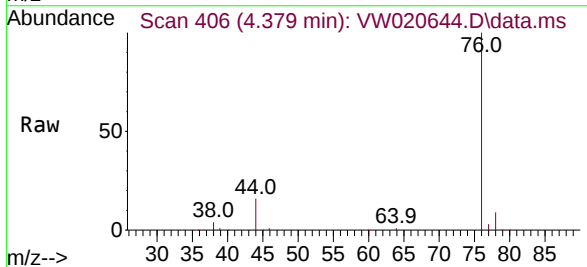
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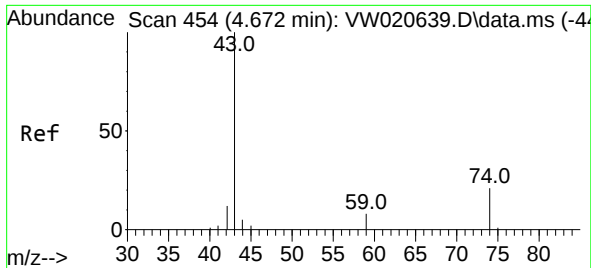
Tgt Ion: 43 Resp: 23611
Ion Ratio Lower Upper
43 100
58 28.6 0.0 58.4



#14
Carbon disulfide
Concen: 17.617 ug/L
RT: 4.379 min Scan# 406
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 76 Resp: 124390
Ion Ratio Lower Upper
76 100
78 8.6 7.4 11.2

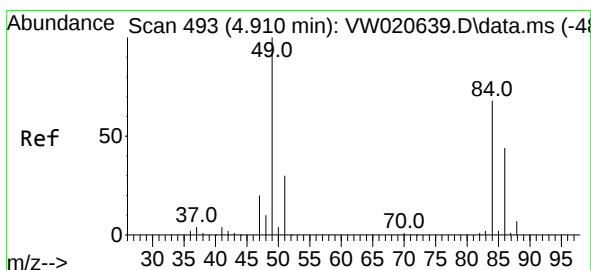
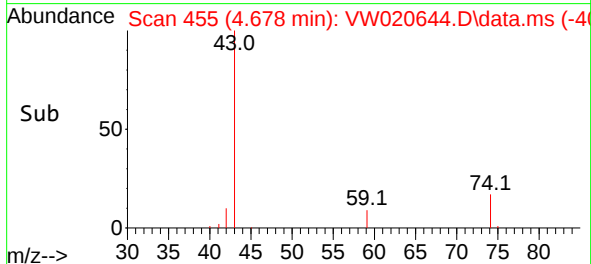
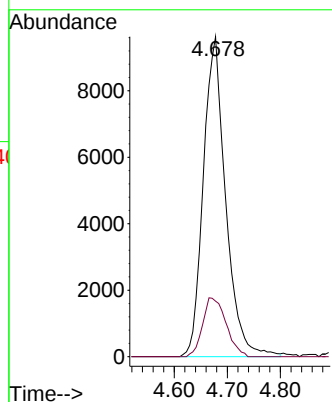
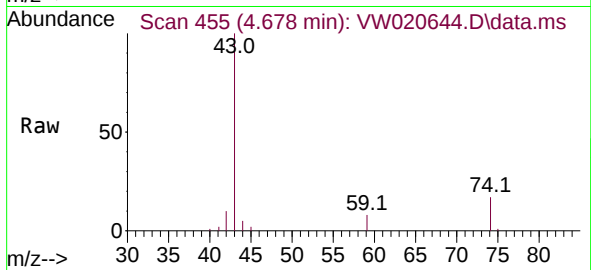




#15
Methyl Acetate
Concen: 24.133 ug/L
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

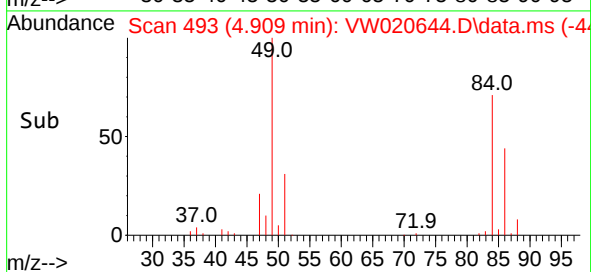
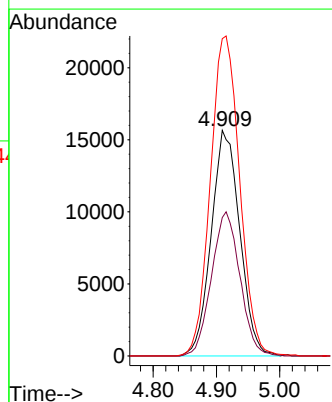
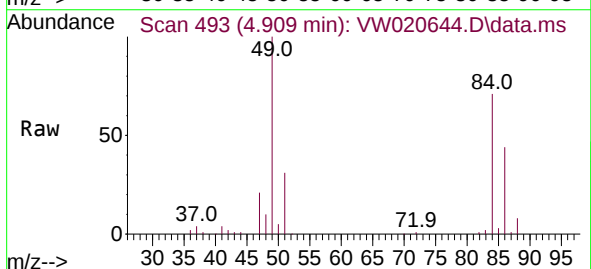
Instrument :
MSVOA_W
ClientSampled :

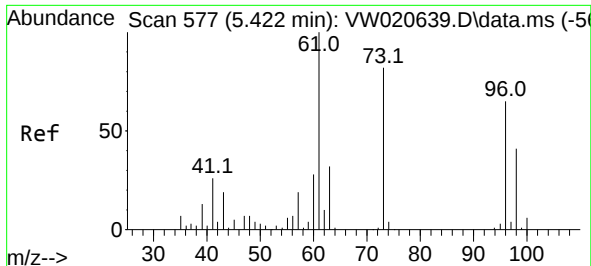
Tgt Ion: 43 Resp: 28131
Ion Ratio Lower Upper
43 100
74 19.3 16.1 24.1



#16
Methylene chloride
Concen: 16.344 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 84 Resp: 49054
Ion Ratio Lower Upper
84 100
86 61.3 44.7 83.1
49 140.6 101.7 188.9

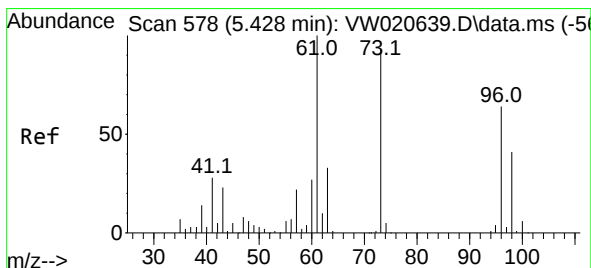
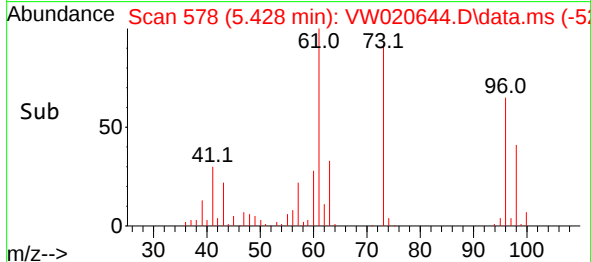
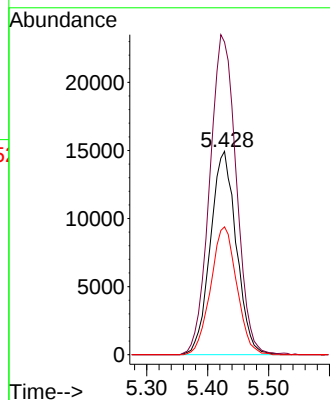
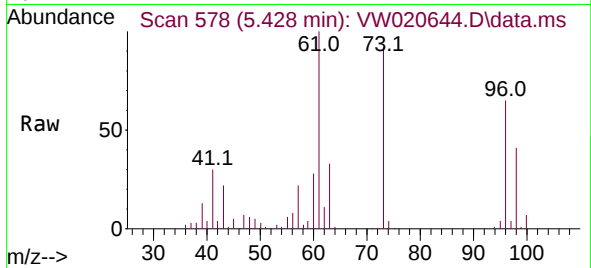




#17
trans-1,2-Dichloroethene
Concen: 19.451 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

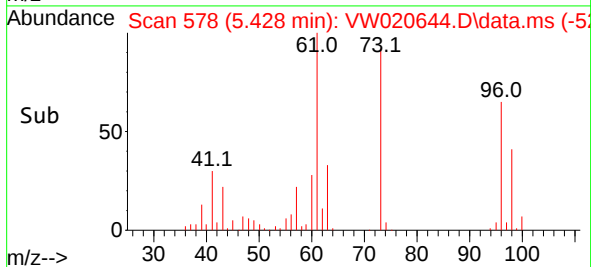
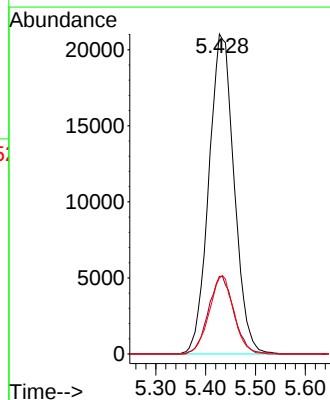
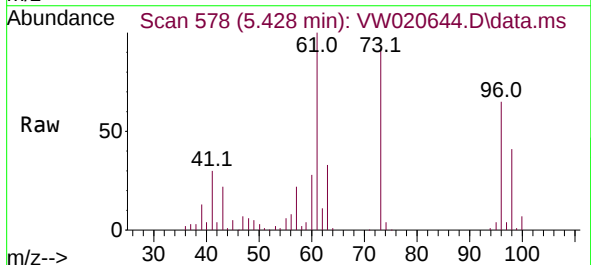
Instrument :
MSVOA_W
ClientSampled :

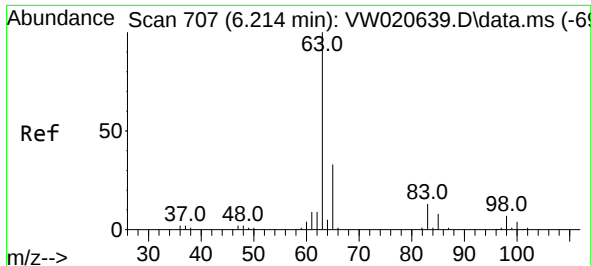
Tgt Ion: 96 Resp: 44299
Ion Ratio Lower Upper
96 100
61 153.7 110.7 205.5
98 62.9 43.9 81.5



#18
Methyl tert-butyl Ether
Concen: 23.086 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 73 Resp: 74075
Ion Ratio Lower Upper
73 100
43 24.5 18.9 28.3
57 23.7 18.9 28.3





#19

1,1-Dichloroethane

Concen: 20.568 ug/L

RT: 6.220 min Scan# 708

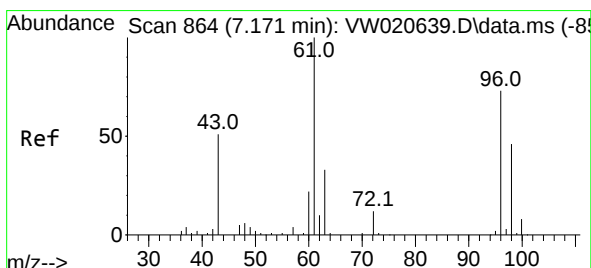
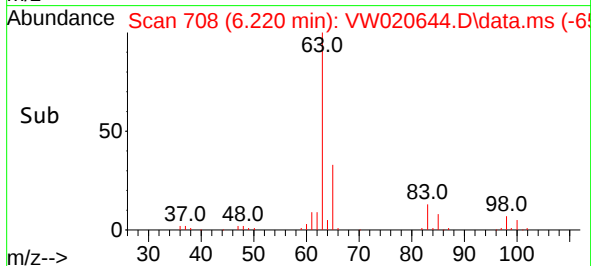
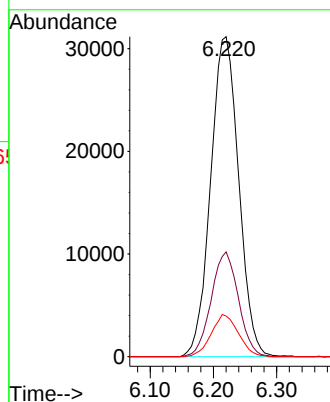
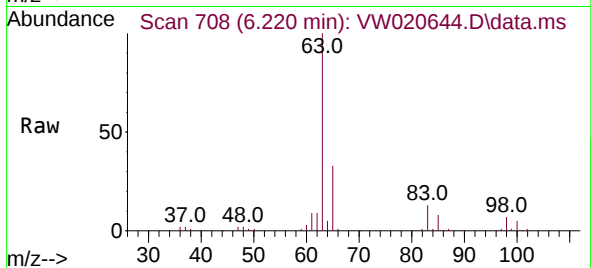
Delta R.T. 0.006 min

Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion:	63	Resp:	96031
Ion	Ratio	Lower	Upper
63	100		
65	32.7	21.9	40.7
83	12.7	9.0	16.6

Instrument :
MSVOA_W
ClientSampled :



#20

cis-1,2-Dichloroethene

Concen: 20.694 ug/L

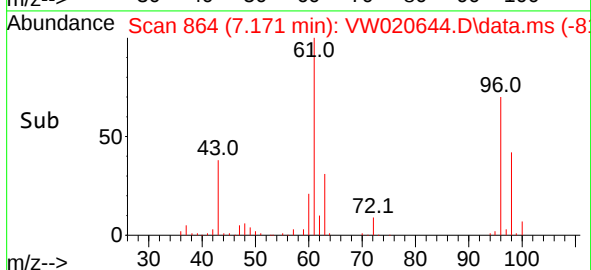
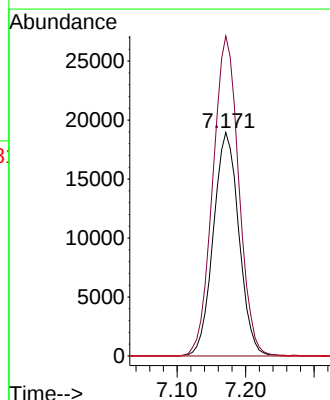
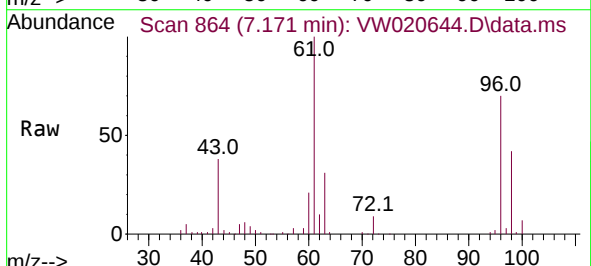
RT: 7.171 min Scan# 864

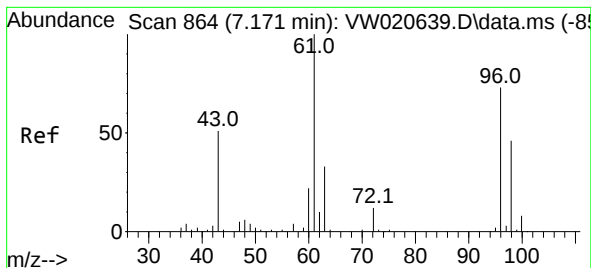
Delta R.T. -0.000 min

Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion:	96	Resp:	48987
Ion	Ratio	Lower	Upper
96	100		
61	143.2	100.3	186.3
68	0.0	0.0	0.0

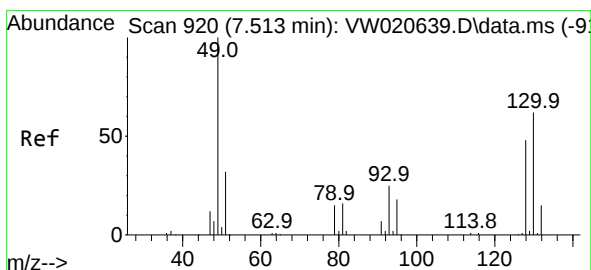
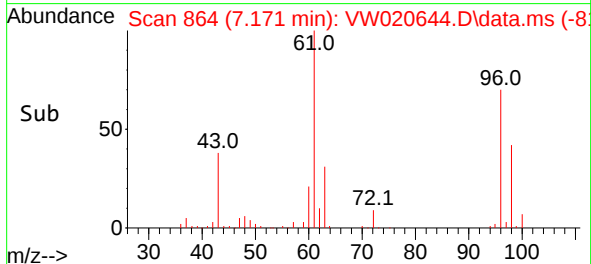
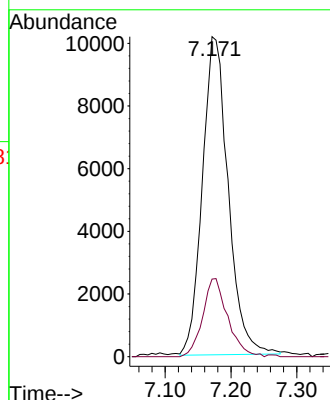
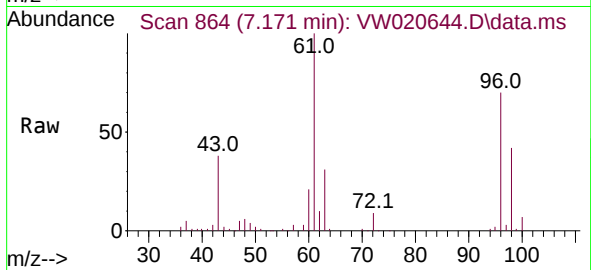




#22
2-Butanone
Concen: 35.340 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

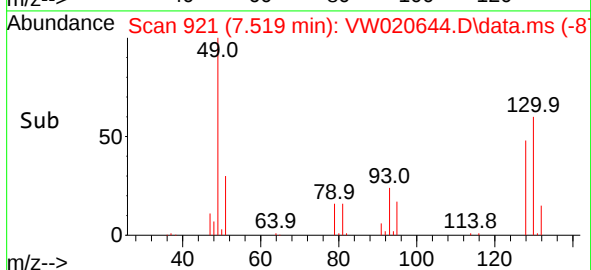
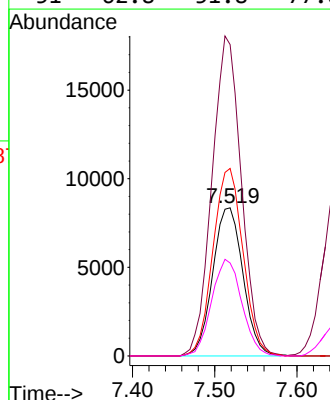
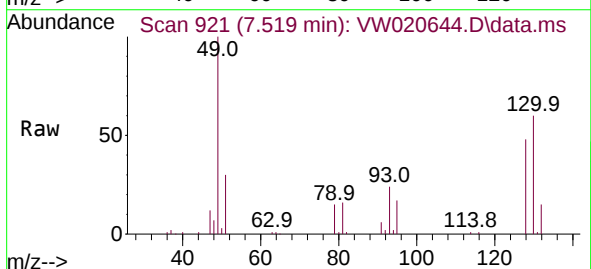
Instrument :
MSVOA_W
ClientSampled :

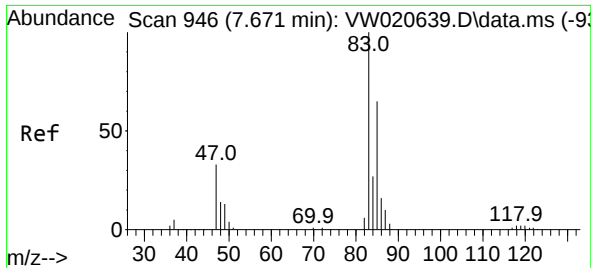
Tgt Ion: 43 Resp: 27768
Ion Ratio Lower Upper
43 100
72 23.5 12.2 36.6



#23
Bromochloromethane
Concen: 20.593 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 128 Resp: 21381
Ion Ratio Lower Upper
128 100
49 210.1 144.1 267.7
130 126.5 89.2 165.6
51 62.8 51.8 77.8

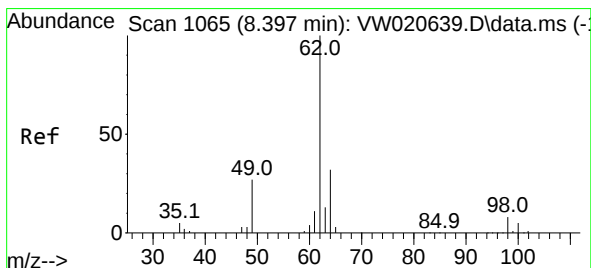
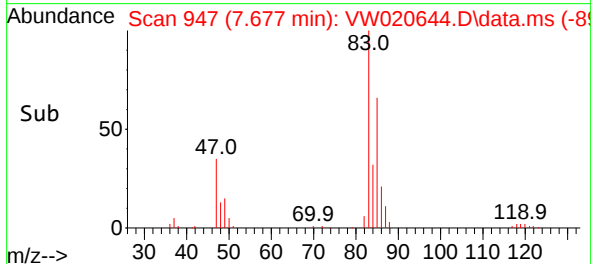
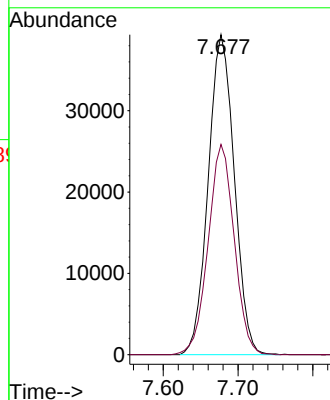
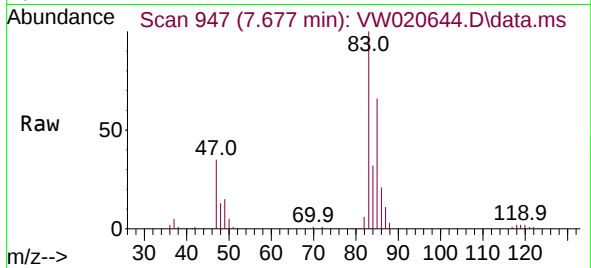




#25
Chloroform
Concen: 21.027 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

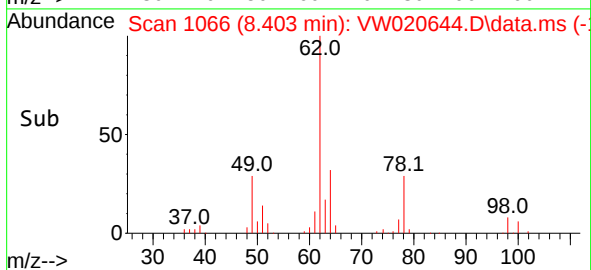
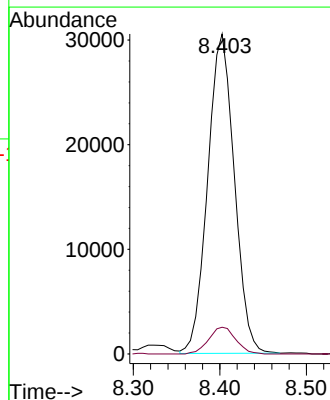
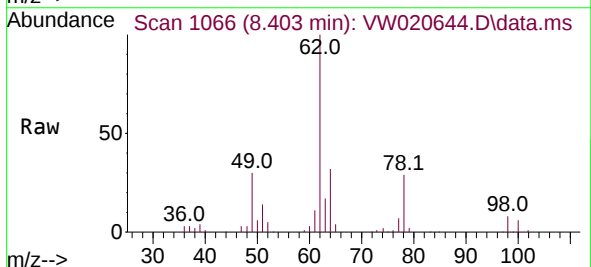
Instrument :
MSVOA_W
ClientSampled :

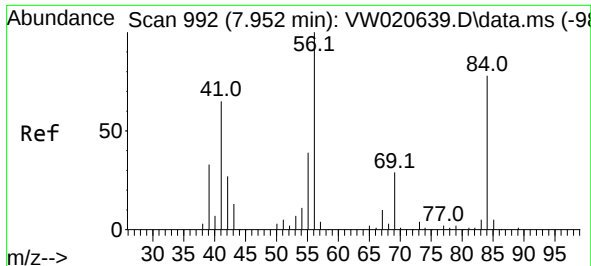
Tgt Ion: 83 Resp: 95440
Ion Ratio Lower Upper
83 100
85 65.7 44.6 82.8



#27
1,2-Dichloroethane
Concen: 21.012 ug/L
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 62 Resp: 65231
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0

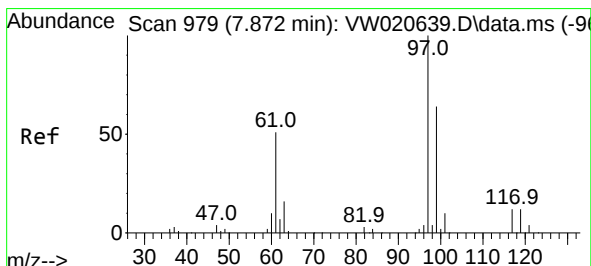
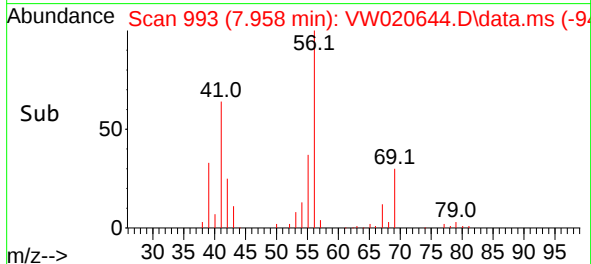
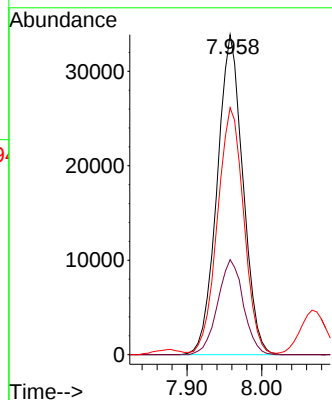
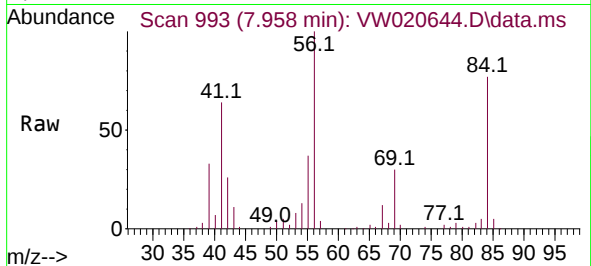




#29
Cyclohexane
Concen: 18.527 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

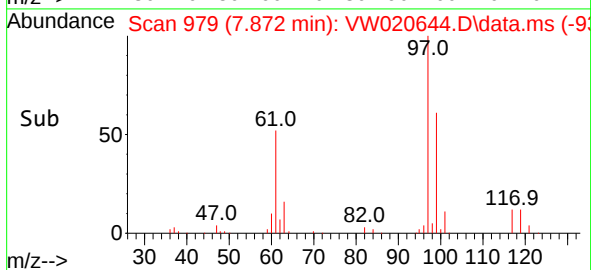
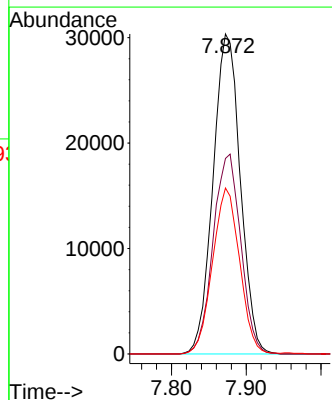
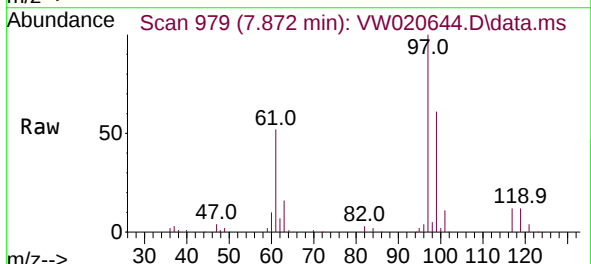
Instrument :
MSVOA_W
ClientSampled :

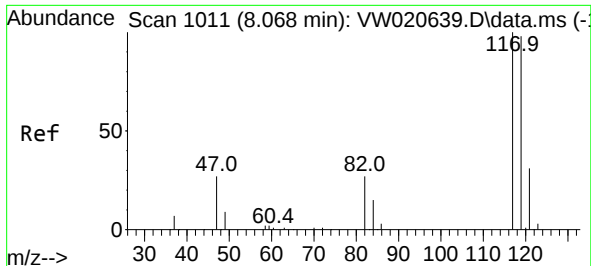
Tgt Ion:	56	Resp:	81168
Ion Ratio	Lower	Upper	
56	100		
69	29.5	23.2	34.8
84	79.0	63.7	95.5



#30
1,1,1-Trichloroethane
Concen: 20.708 ug/L
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:	97	Resp:	76982
Ion Ratio	Lower	Upper	
97	100		
99	63.3	51.4	77.0
61	51.4	41.0	61.6

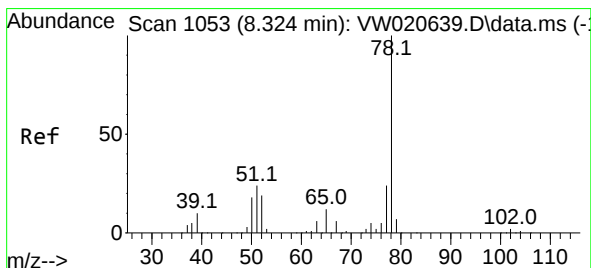
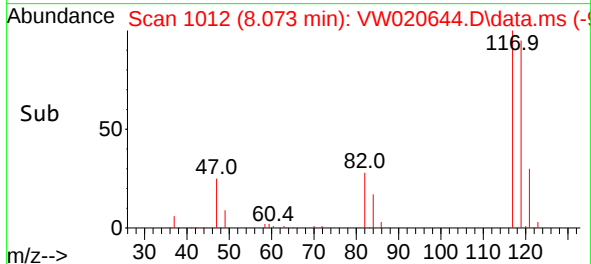
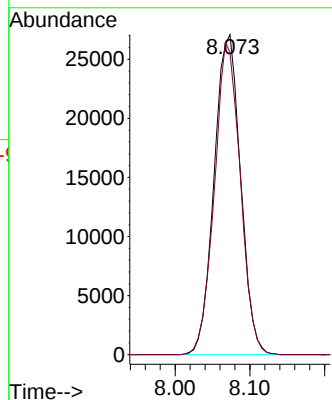
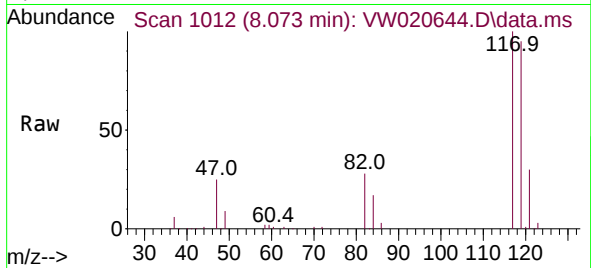




#31
Carbon tetrachloride
Concen: 20.411 ug/L
RT: 8.073 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

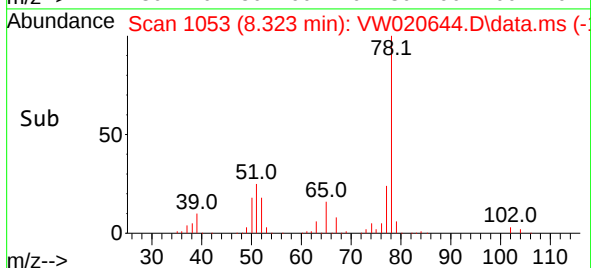
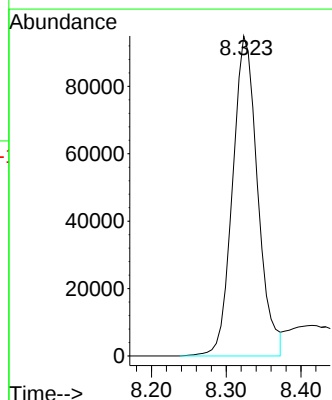
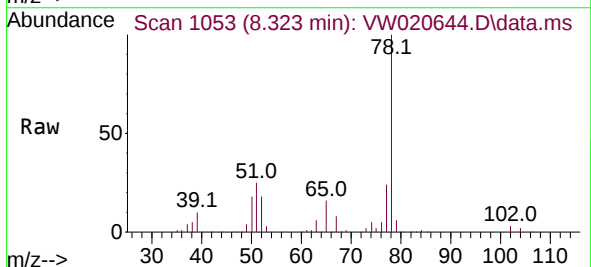
Instrument :
MSVOA_W
ClientSampled :

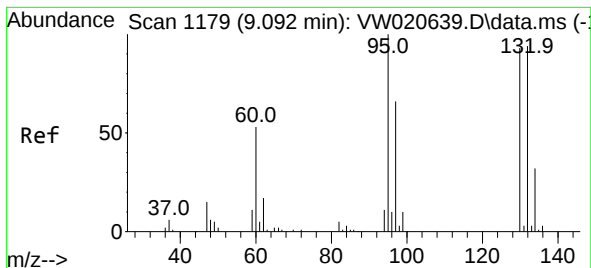
Tgt Ion:117 Resp: 66713
Ion Ratio Lower Upper
117 100
119 95.3 77.0 115.4



#33
Benzene
Concen: 20.795 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 78 Resp: 221645





#34

Trichloroethene

Concen: 19.262 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion: 95 Resp: 50577

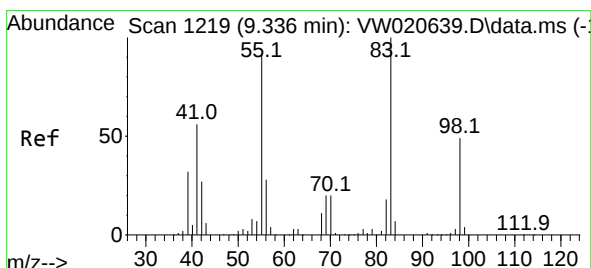
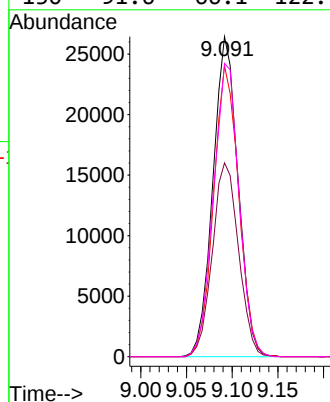
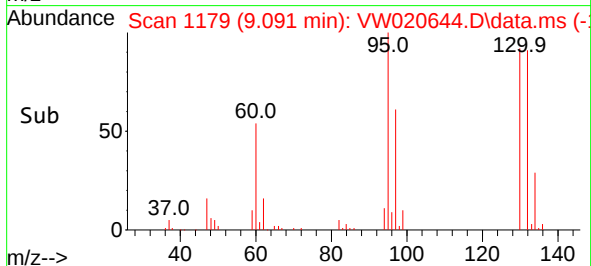
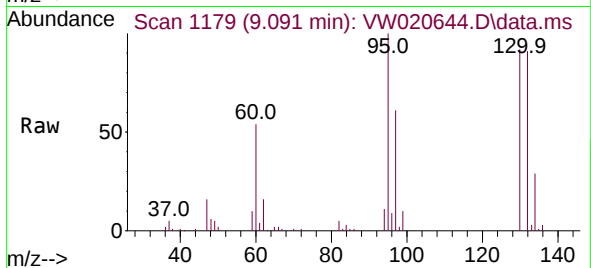
Ion Ratio Lower Upper

95 100

97 60.6 43.2 80.2

132 90.9 62.3 115.7

130 91.6 66.1 122.7



#35

Methylcyclohexane

Concen: 18.681 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

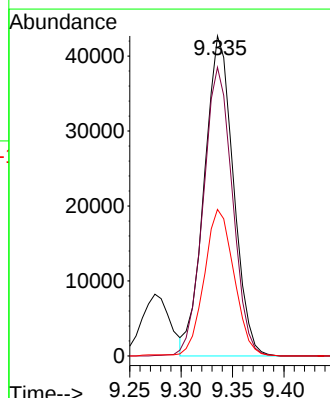
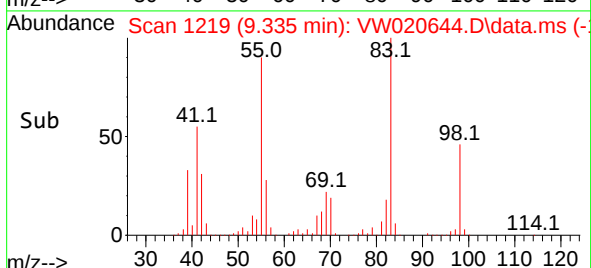
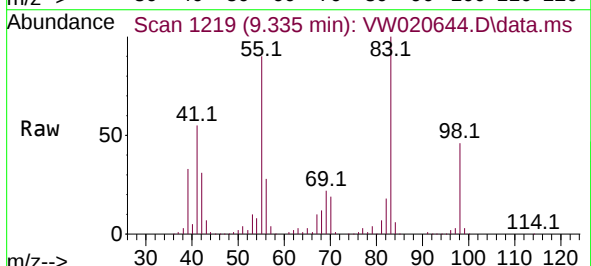
Tgt Ion: 83 Resp: 83944

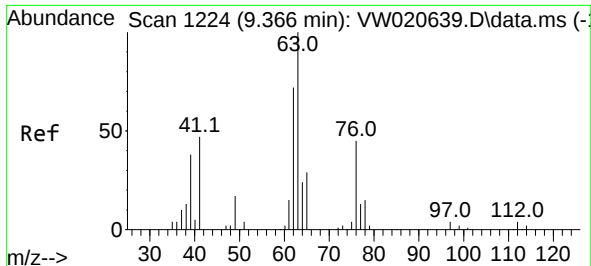
Ion Ratio Lower Upper

83 100

55 90.4 69.7 104.5

98 46.9 38.2 57.2

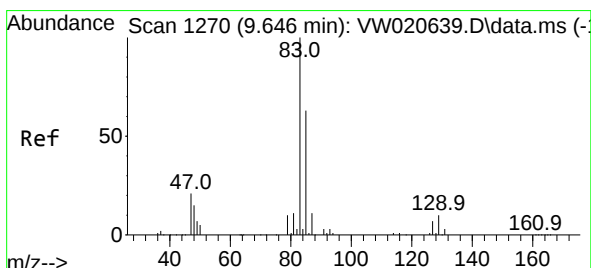
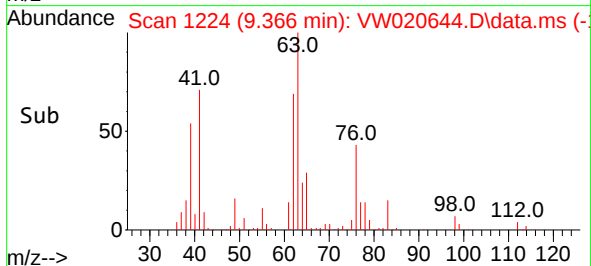
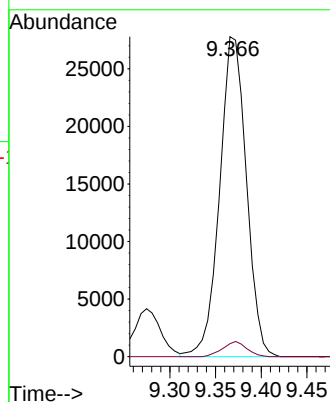
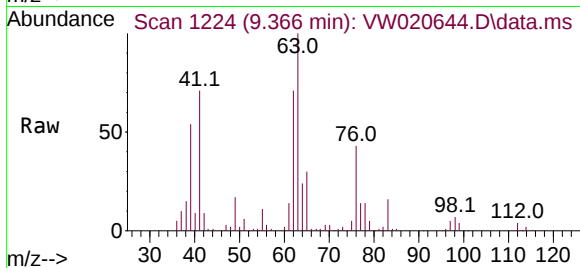




#37
1,2-Dichloropropane
Concen: 20.493 ug/L
RT: 9.366 min Scan# 1224
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

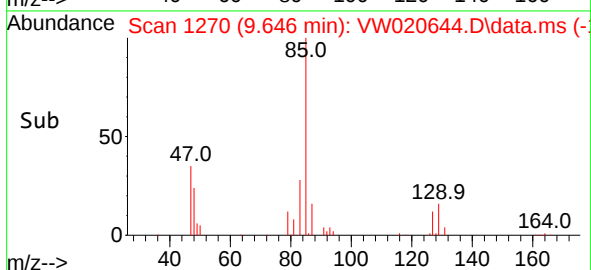
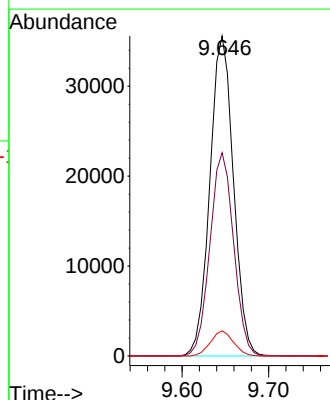
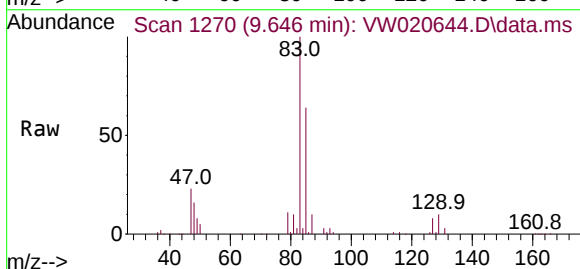
Instrument :
MSVOA_W
ClientSampled :

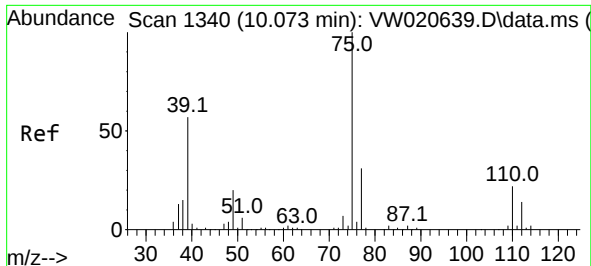
Tgt Ion: 63 Resp: 56563
Ion Ratio Lower Upper
63 100
112 4.2 3.5 5.3



#38
Bromodichloromethane
Concen: 20.313 ug/L
RT: 9.646 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 83 Resp: 67221
Ion Ratio Lower Upper
83 100
85 63.5 43.4 80.6
127 7.8 6.2 9.2

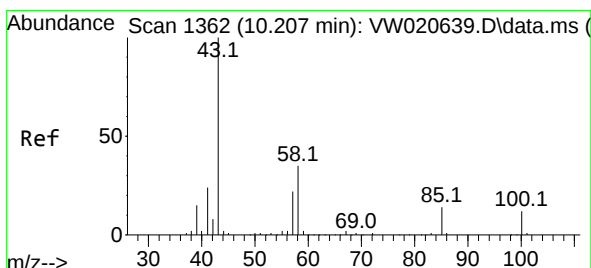
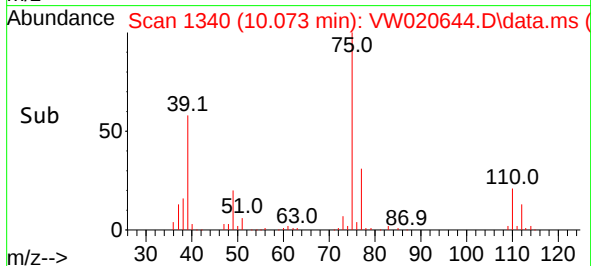
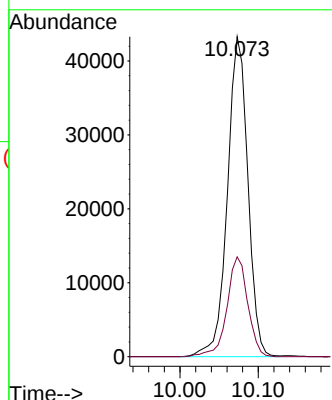
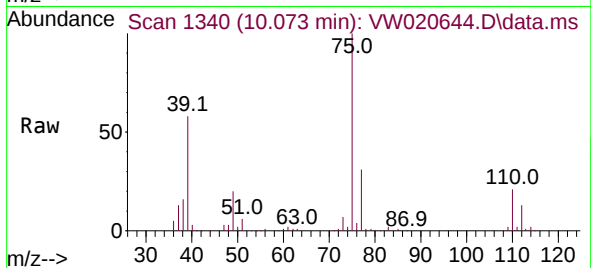




#39
cis-1,3-Dichloropropene
Concen: 20.655 ug/L
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

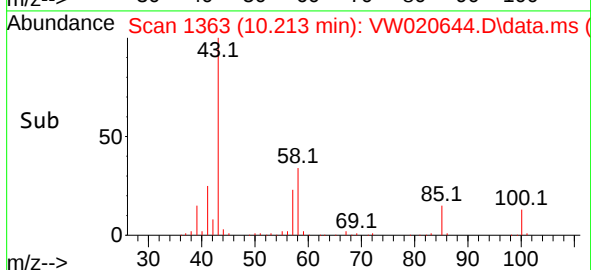
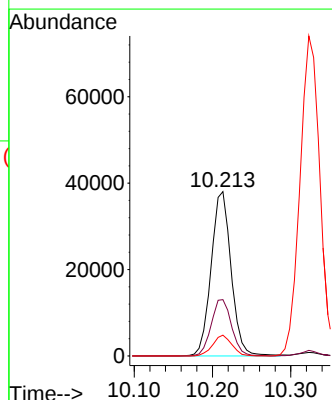
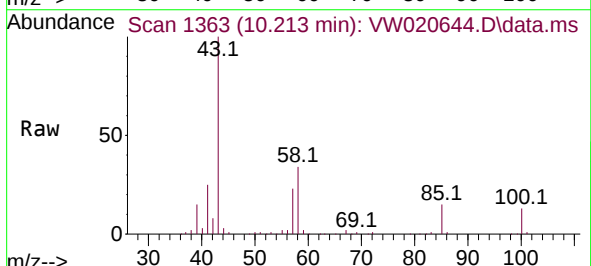
Instrument :
MSVOA_W
ClientSampled :

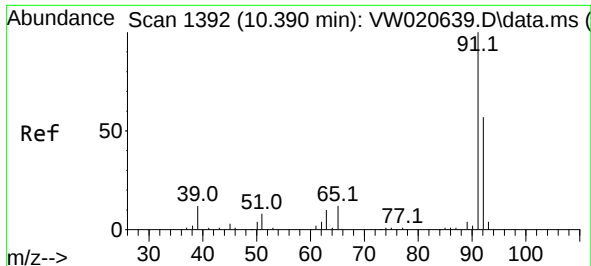
Tgt Ion: 75 Resp: 78658
Ion Ratio Lower Upper
75 100
77 31.2 22.4 41.6



#40
4-Methyl-2-pentanone
Concen: 40.770 ug/L
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 43 Resp: 67541
Ion Ratio Lower Upper
43 100
58 34.9 29.0 43.4
100 12.1 10.2 15.4





#42

Toluene

Concen: 20.997 ug/L

RT: 10.390 min Scan# 1392

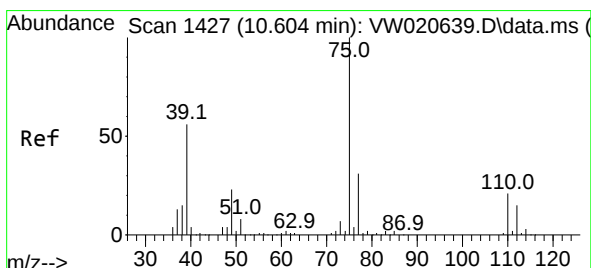
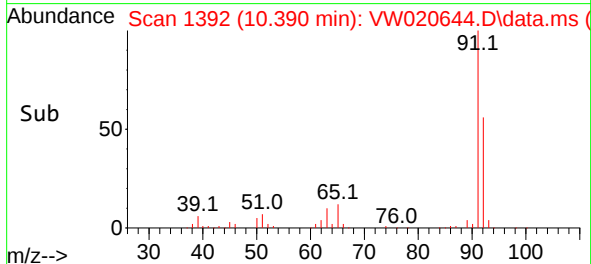
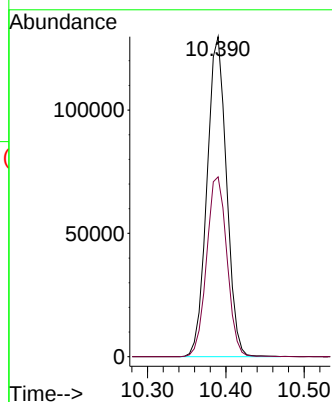
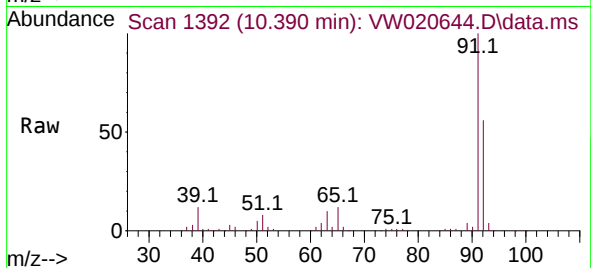
Delta R.T. -0.000 min

Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion: 91 Resp: 224481

Ion	Ratio	Lower	Upper
91	100		
92	56.2	41.5	77.1



#44

trans-1,3-Dichloropropene

Concen: 20.596 ug/L

RT: 10.610 min Scan# 1428

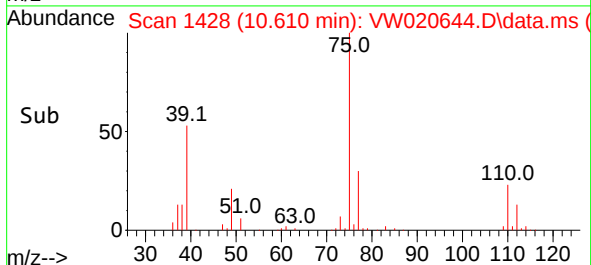
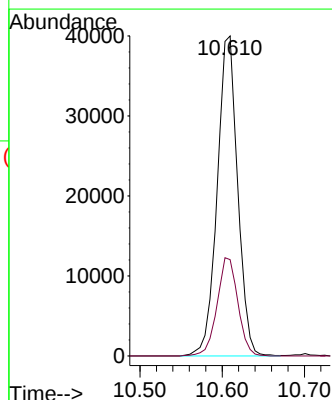
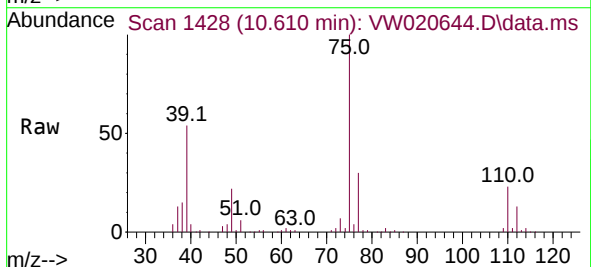
Delta R.T. 0.006 min

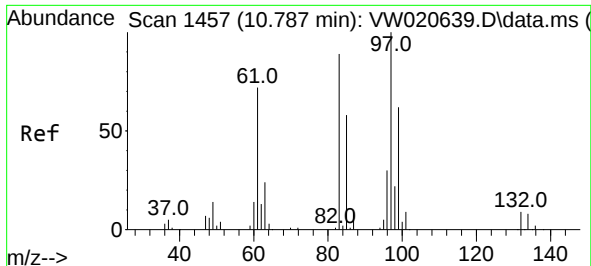
Lab File: VW020644.D

Acq: 20 Oct 2021 11:00

Tgt Ion: 75 Resp: 69144

Ion	Ratio	Lower	Upper
75	100		
77	30.1	21.8	40.4

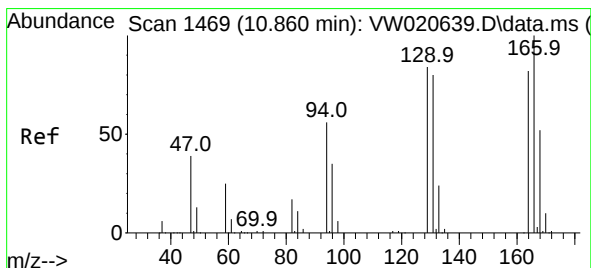
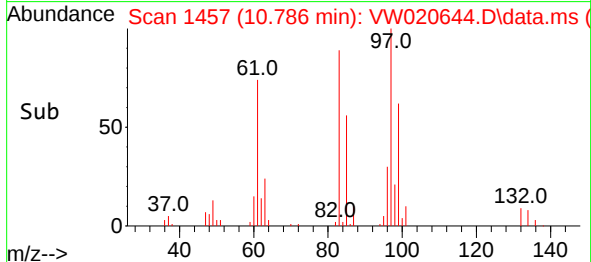
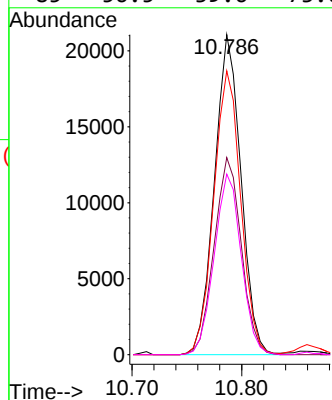
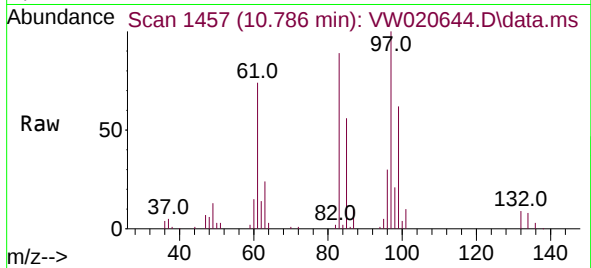




#45
1,1,2-Trichloroethane
Concen: 20.037 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

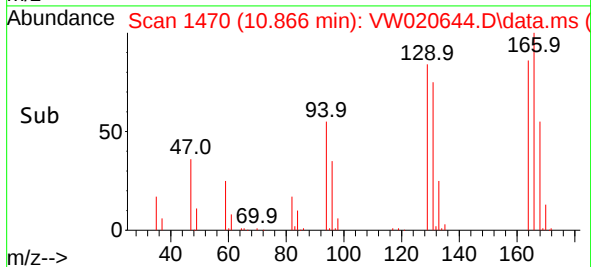
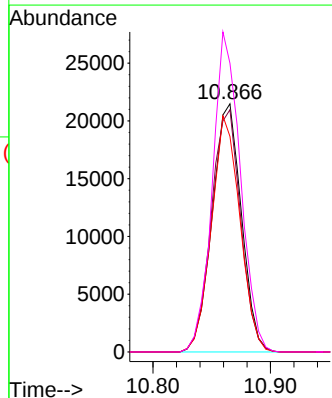
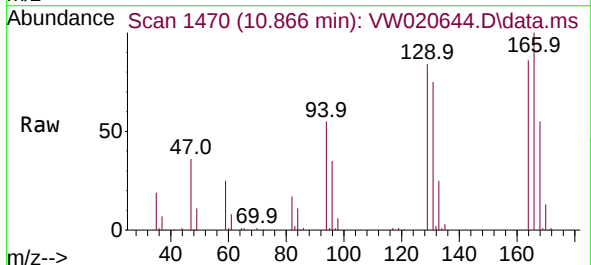
Instrument :
MSVOA_W
ClientSampled :

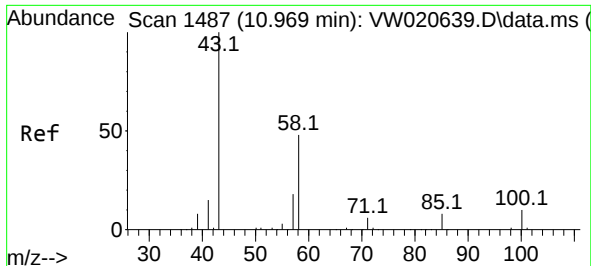
Tgt Ion:	97	Resp:	35509
Ion	Ratio	Lower	Upper
97	100		
99	61.6	42.8	79.4
83	88.7	60.9	113.1
85	56.5	39.6	73.6



#46
Tetrachloroethene
Concen: 19.696 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:	164	Resp:	37148
Ion	Ratio	Lower	Upper
164	100		
129	97.6	69.1	128.3
131	86.8	58.3	108.3
166	116.3	90.4	168.0

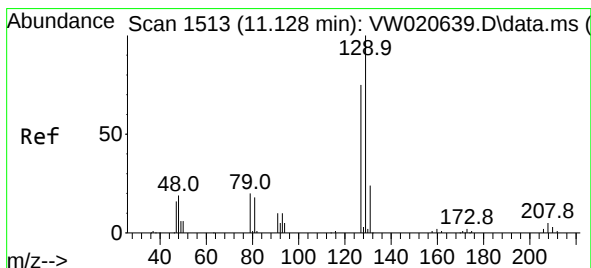
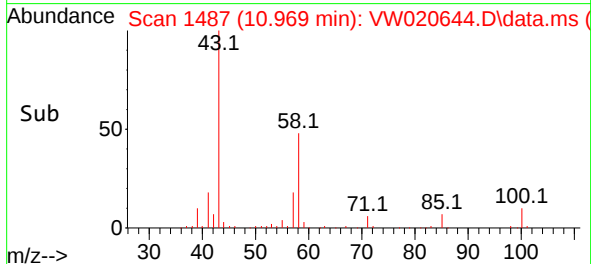
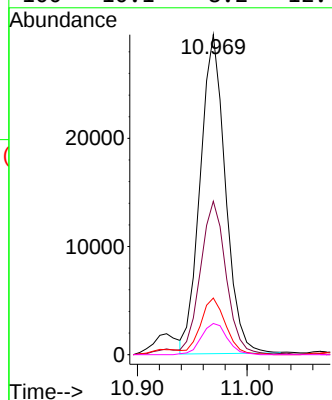
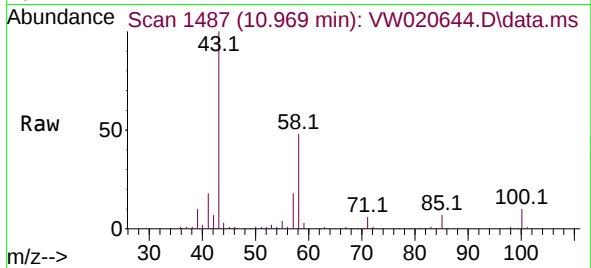




#48
2-Hexanone
Concen: 38.782 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

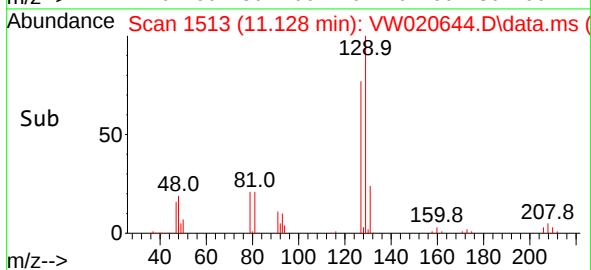
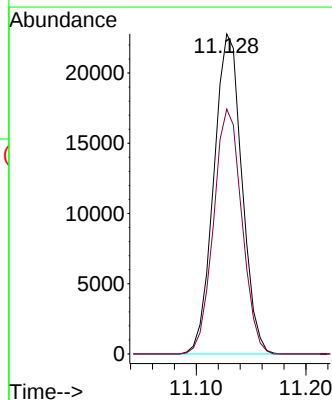
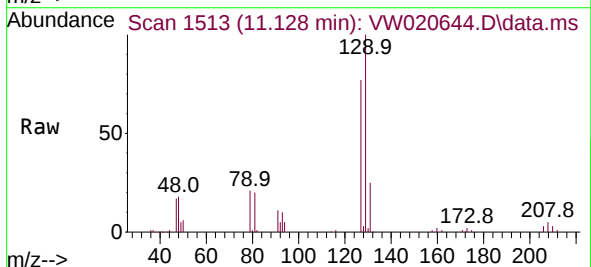
Instrument :
MSVOA_W
ClientSampled :

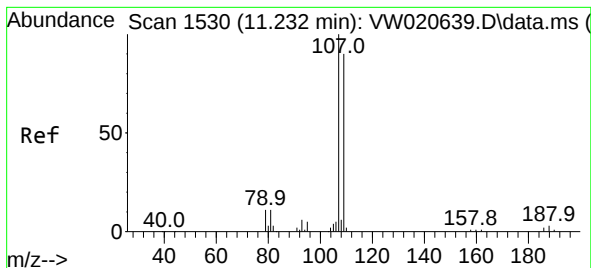
Tgt Ion:	43	Resp:	47138
Ion	Ratio	Lower	Upper
43	100		
58	49.3	39.5	59.3
57	17.8	14.2	21.4
100	10.1	8.2	12.4



#49
Dibromochloromethane
Concen: 20.812 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:	129	Resp:	40634
Ion	Ratio	Lower	Upper
129	100		
127	76.5	55.1	102.3

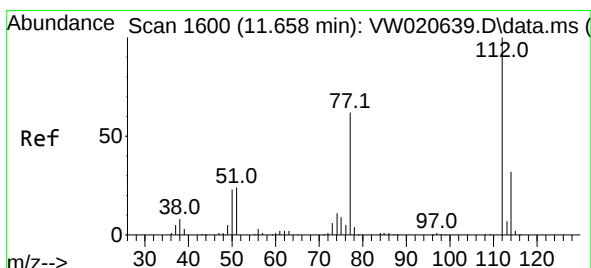
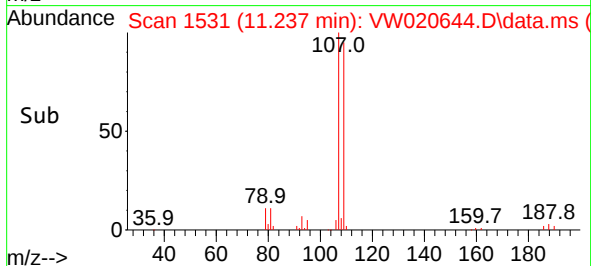
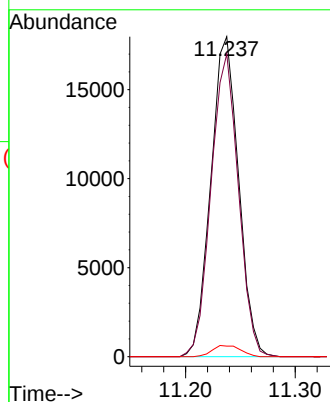
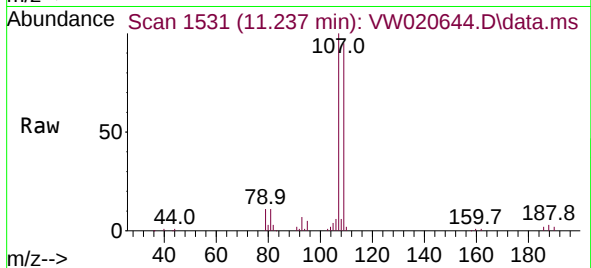




#50
1,2-Dibromoethane
Concen: 19.463 ug/L
RT: 11.237 min Scan# 1531
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

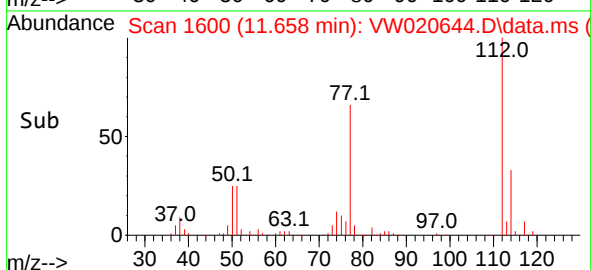
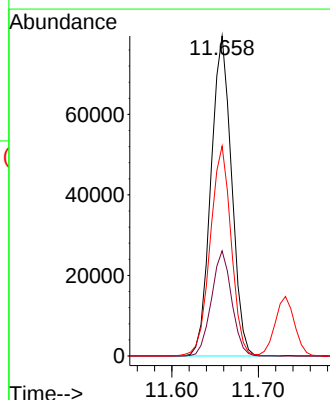
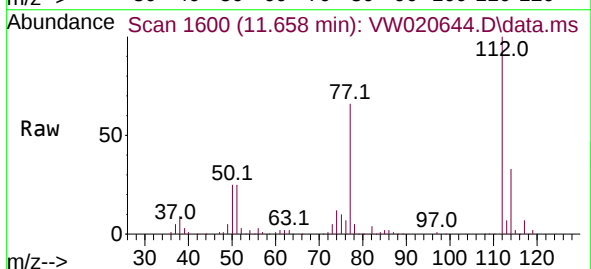
Instrument :
MSVOA_W
ClientSampled :

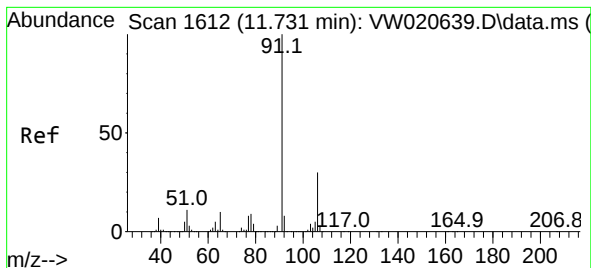
Tgt Ion:107 Resp: 31683
Ion Ratio Lower Upper
107 100
109 94.6 64.5 119.9
188 3.3 3.2 4.8



#51
Chlorobenzene
Concen: 19.950 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:112 Resp: 131519
Ion Ratio Lower Upper
112 100
114 32.9 22.3 41.5
77 65.6 50.7 76.1

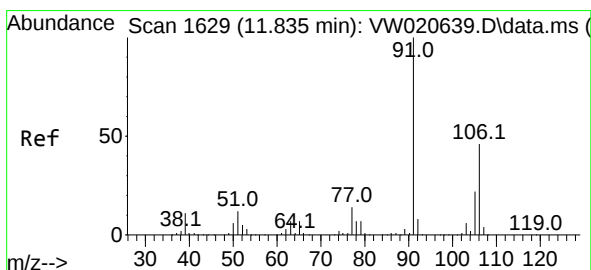
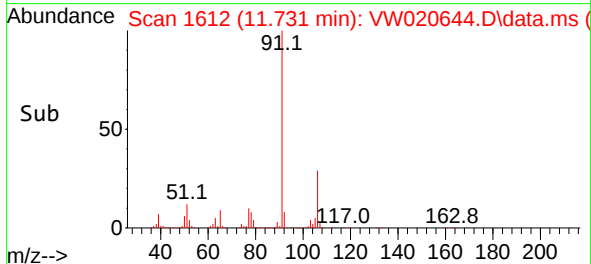
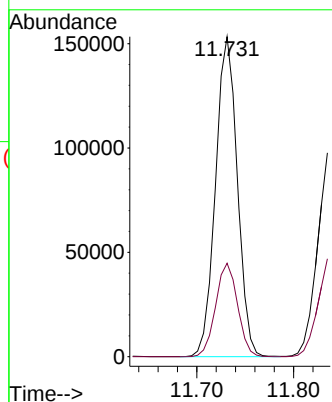
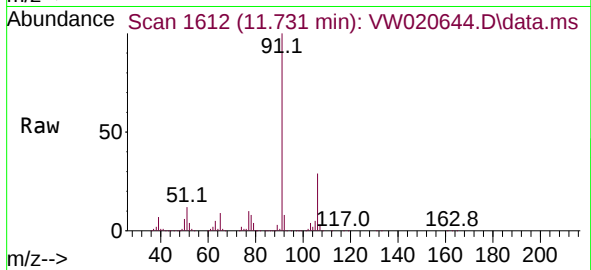




#52
Ethylbenzene
Concen: 20.691 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

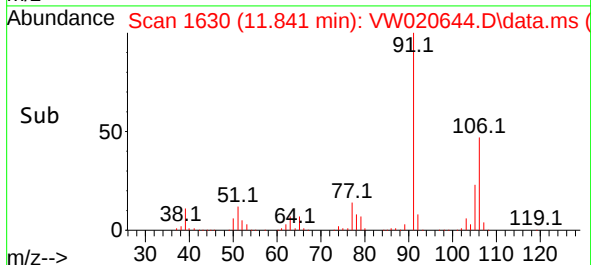
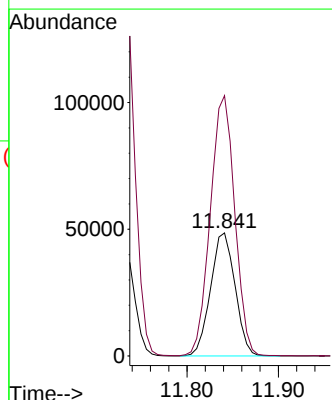
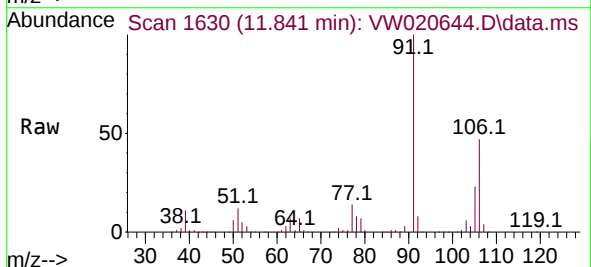
Instrument :
MSVOA_W
ClientSampleId :

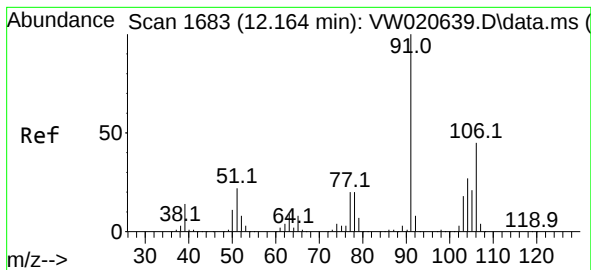
Tgt Ion: 91 Resp: 239872
Ion Ratio Lower Upper
91 100
106 29.2 21.3 39.5



#53
m,p-Xylene
Concen: 21.040 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:106 Resp: 90379
Ion Ratio Lower Upper
106 100
91 211.6 148.2 275.2

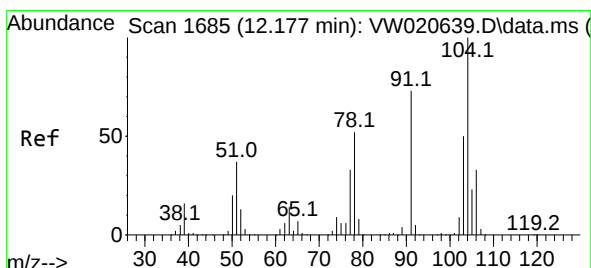
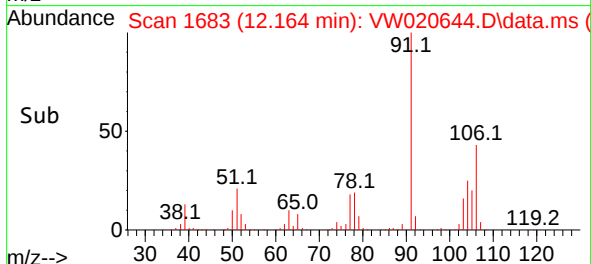
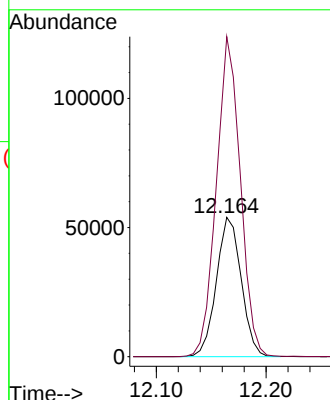
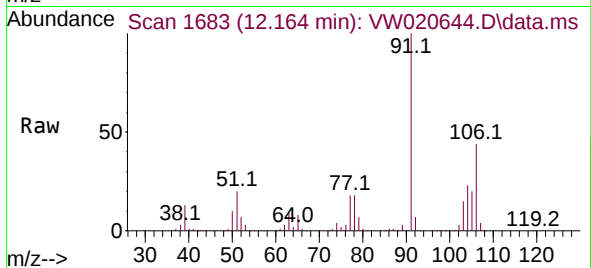




#54
o-Xylene
Concen: 21.411 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

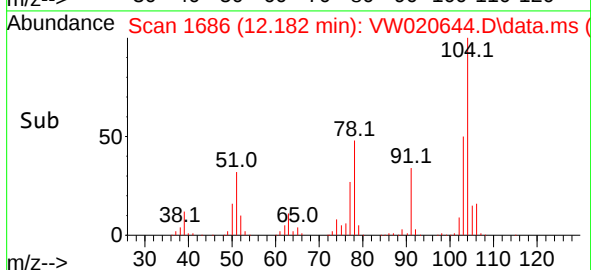
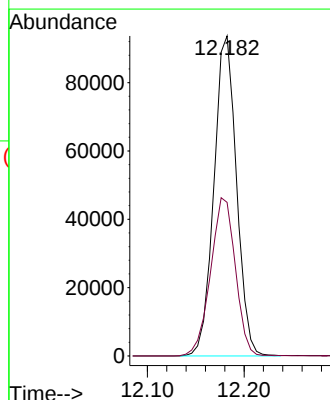
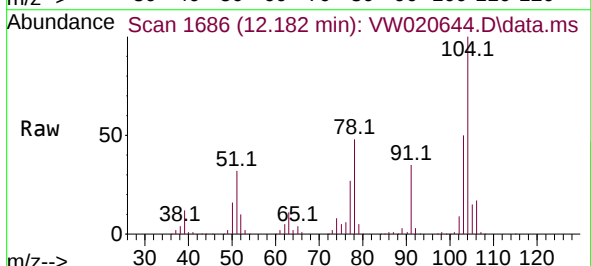
Instrument :
MSVOA_W
ClientSampled :

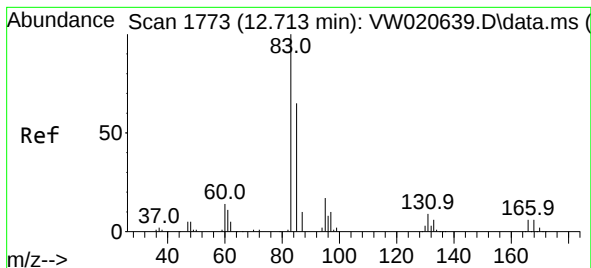
Tgt Ion:106 Resp: 84936
Ion Ratio Lower Upper
106 100
91 229.7 156.1 289.9



#55
Styrene
Concen: 21.881 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:104 Resp: 151771
Ion Ratio Lower Upper
104 100
78 48.0 33.2 61.7

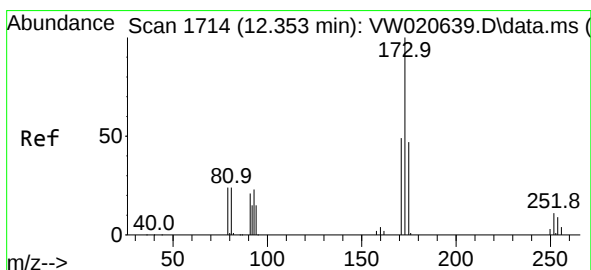
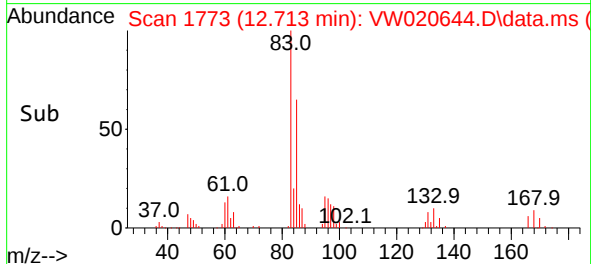
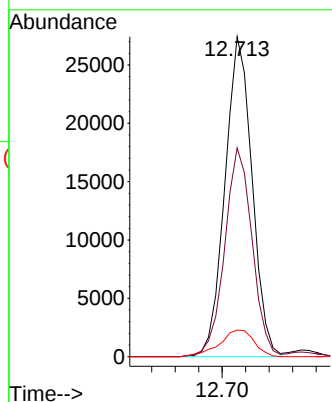
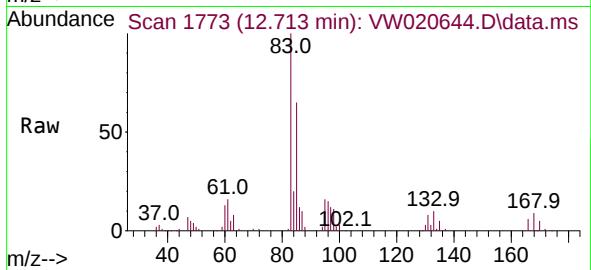




#57
1,1,2,2-Tetrachloroethane
Concen: 20.000 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

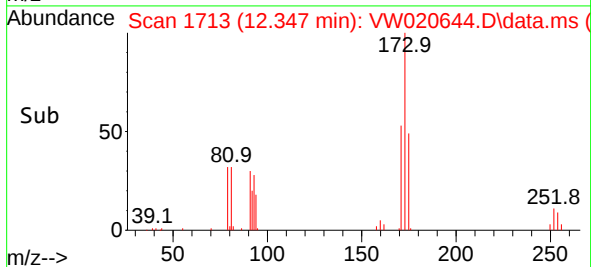
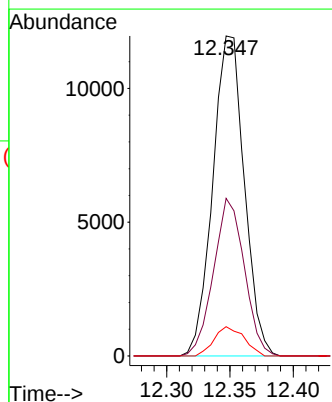
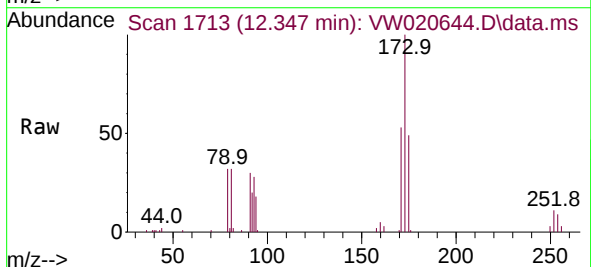
Instrument :
MSVOA_W
ClientSampled :

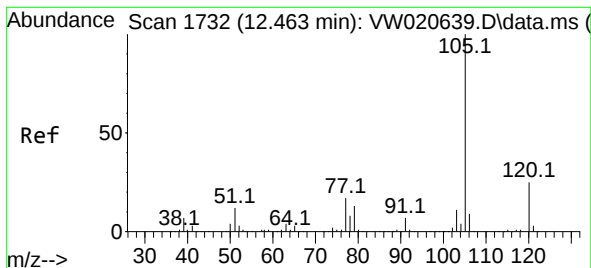
Tgt Ion: 83 Resp: 43940
Ion Ratio Lower Upper
83 100
85 65.3 45.9 85.3
131 8.3 7.4 11.2



#59
Bromoform
Concen: 19.594 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:173 Resp: 20731
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 8.7 7.3 10.9

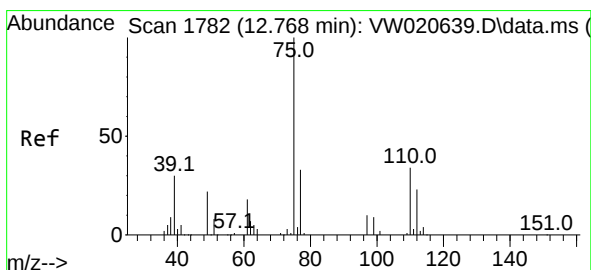
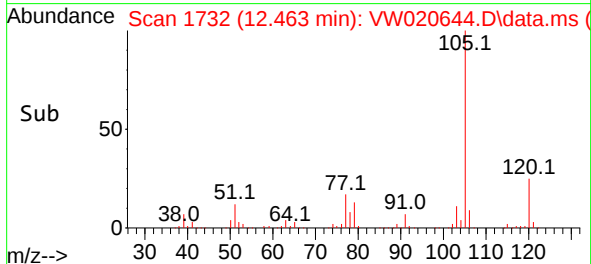
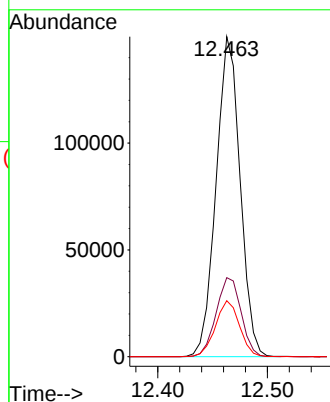
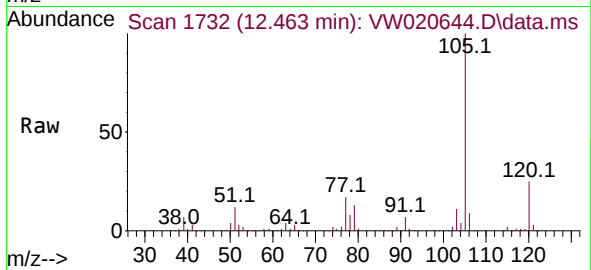




#60
Isopropylbenzene
Concen: 20.576 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

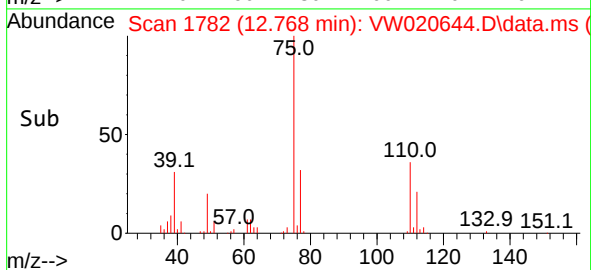
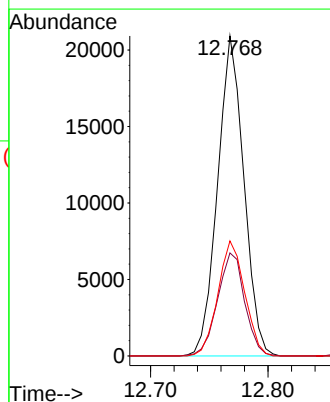
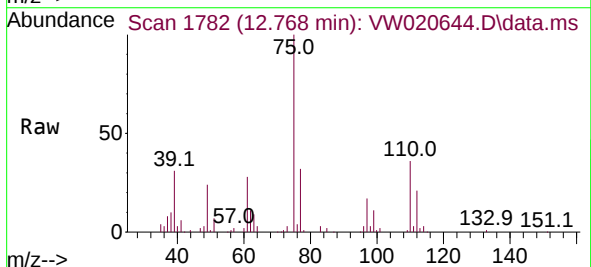
Instrument :
MSVOA_W
ClientSampled :

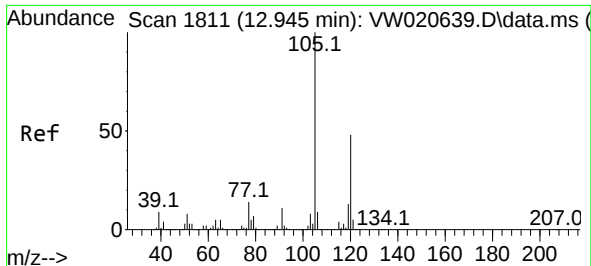
Tgt Ion:105 Resp: 228080
Ion Ratio Lower Upper
105 100
120 25.7 20.3 30.5
77 17.6 13.8 20.6



#61
1,2,3-Trichloropropane
Concen: 19.536 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 75 Resp: 32504
Ion Ratio Lower Upper
75 100
77 33.3 25.1 37.7
110 36.6 29.4 44.0

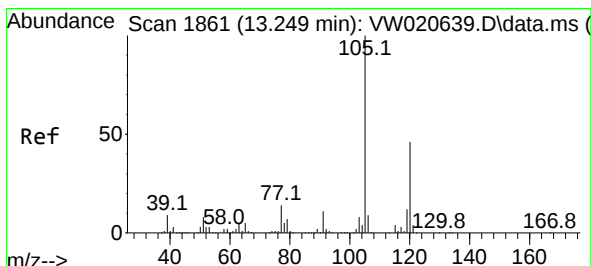
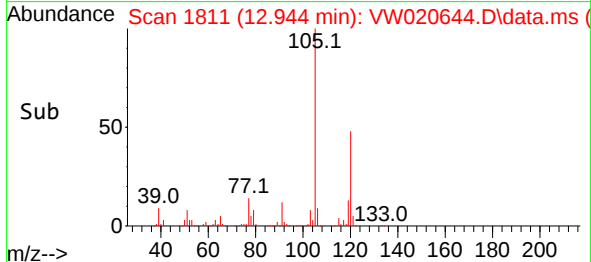
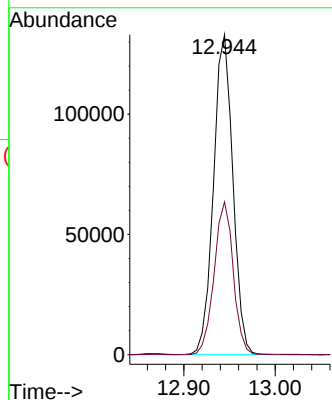
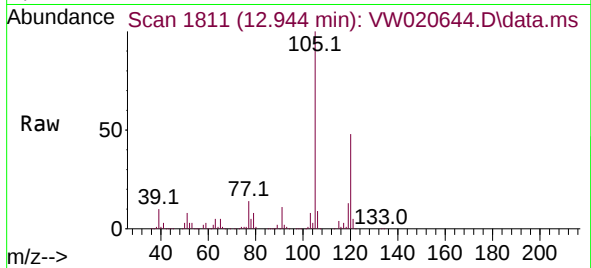




#62
1,3,5-Trimethylbenzene
Concen: 21.579 ug/L
RT: 12.944 min Scan# 1811
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

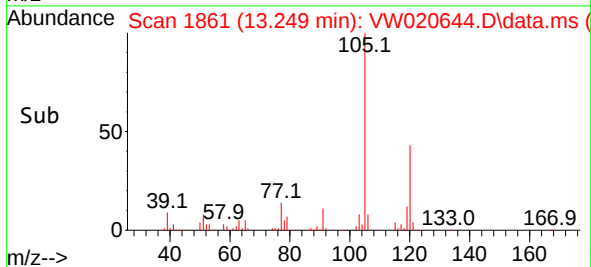
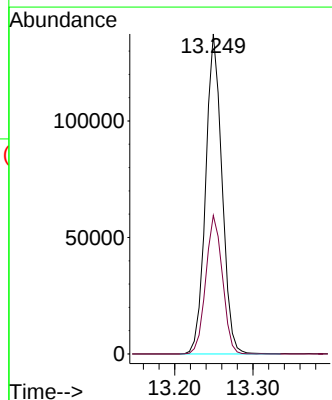
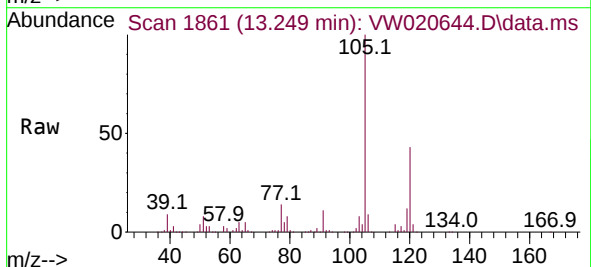
Instrument :
MSVOA_W
ClientSampleId :

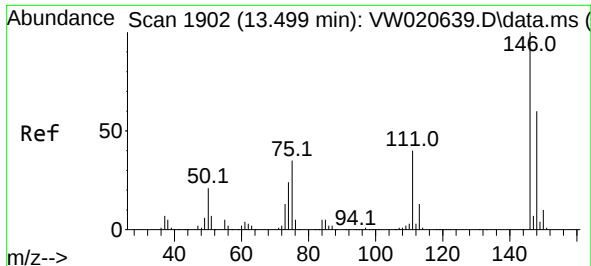
Tgt Ion:105 Resp: 195300
Ion Ratio Lower Upper
105 100
120 47.2 37.9 56.9



#63
1,2,4-Trimethylbenzene
Concen: 22.136 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:105 Resp: 198440
Ion Ratio Lower Upper
105 100
120 44.0 35.4 53.2

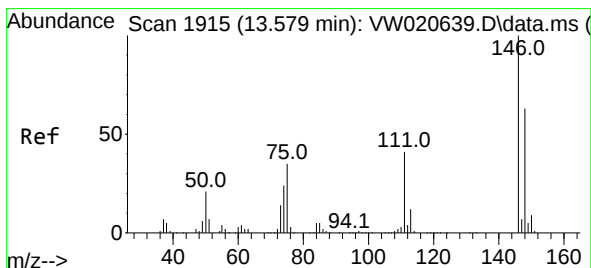
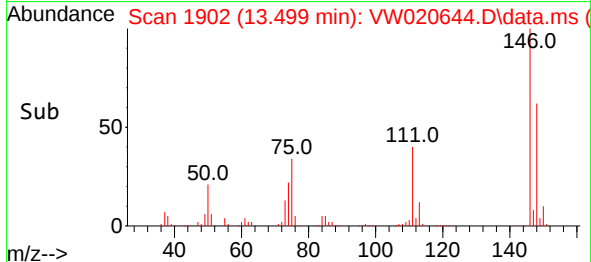
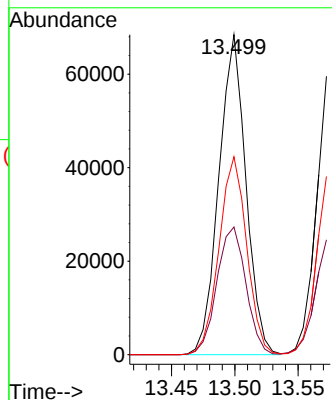
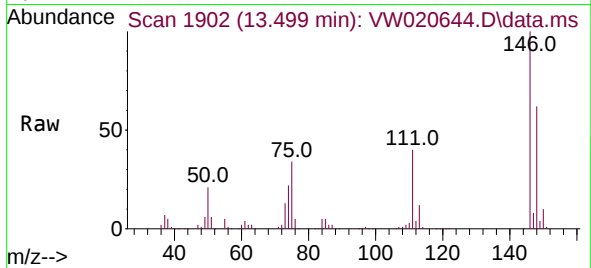




#64
1,3-Dichlorobenzene
Concen: 21.216 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

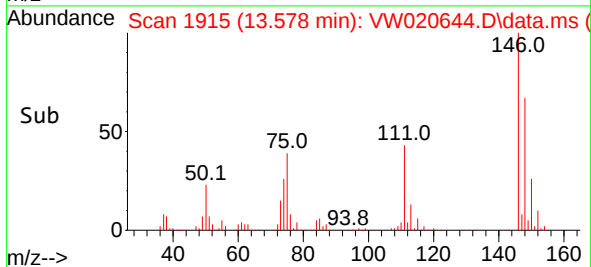
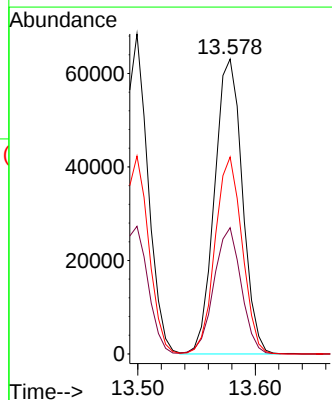
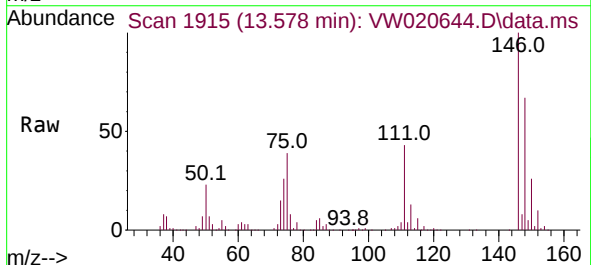
Instrument :
MSVOA_W
ClientSampled :

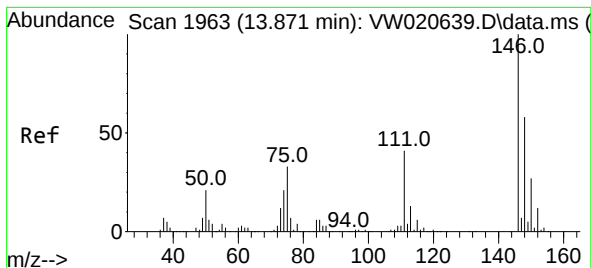
Tgt Ion:146 Resp: 101758
Ion Ratio Lower Upper
146 100
111 39.9 29.0 53.8
148 61.9 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 20.937 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:146 Resp: 103869
Ion Ratio Lower Upper
146 100
111 42.8 30.9 57.5
148 66.8 46.1 85.7

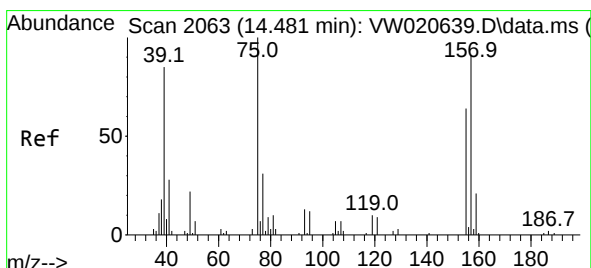
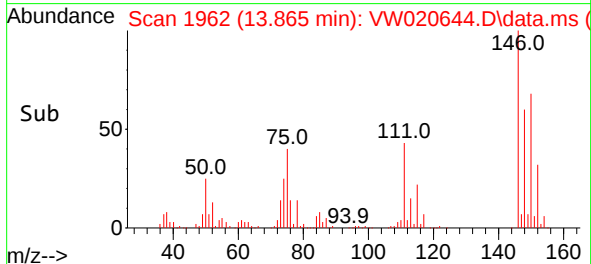
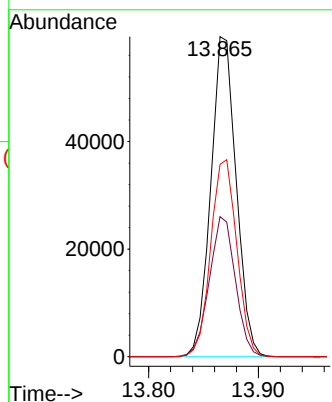
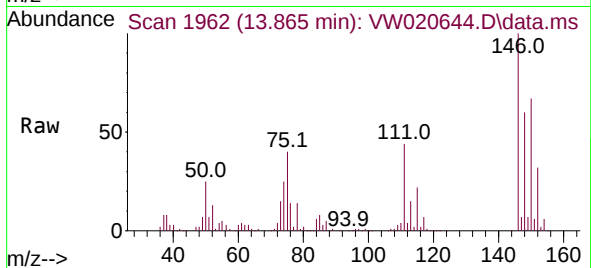




#67
1,2-Dichlorobenzene
Concen: 21.823 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

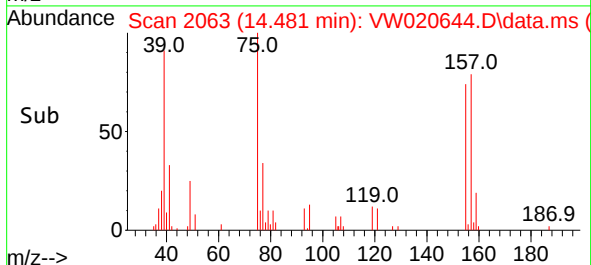
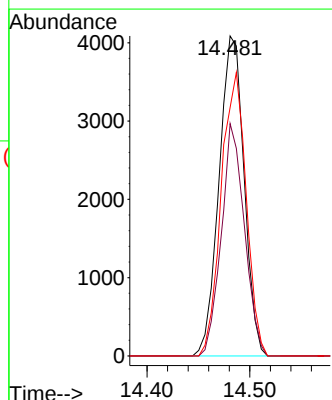
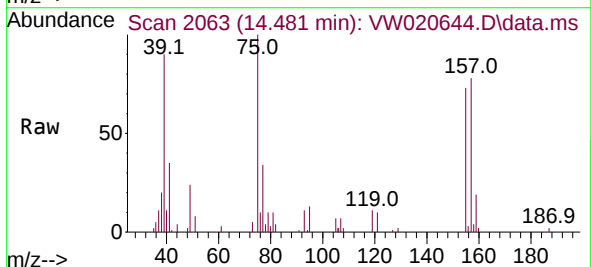
Instrument :
MSVOA_W
ClientSampleId :

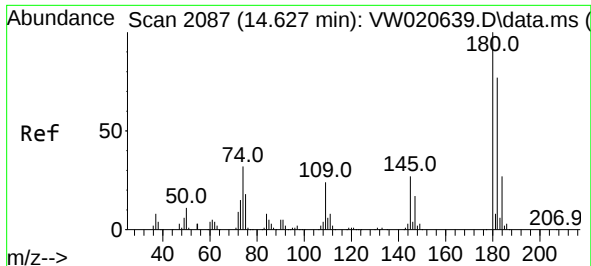
Tgt Ion:146 Resp: 95893
Ion Ratio Lower Upper
146 100
111 43.7 33.9 50.9
148 60.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 19.524 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion: 75 Resp: 6900
Ion Ratio Lower Upper
75 100
155 72.6 51.4 77.0
157 77.6 70.8 106.2

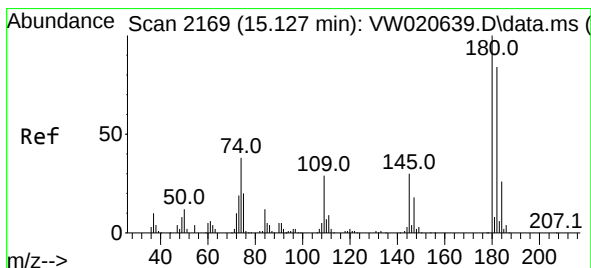
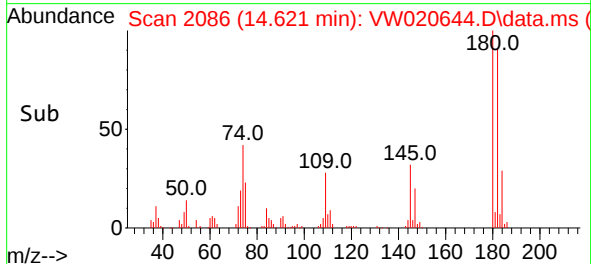
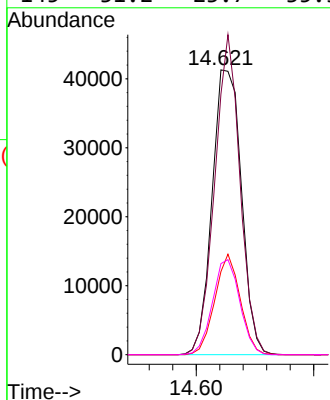
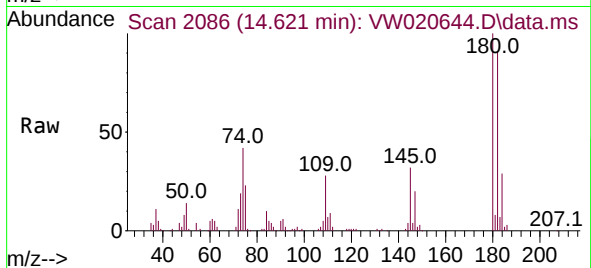




#69
1,3,5-Trichlorobenzene
Concen: 20.889 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

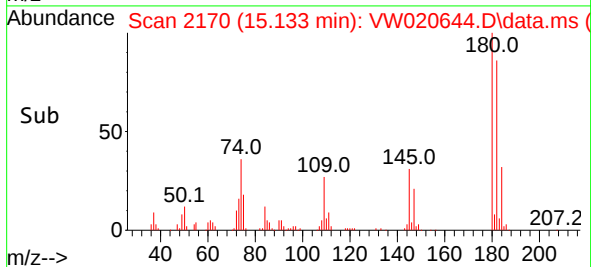
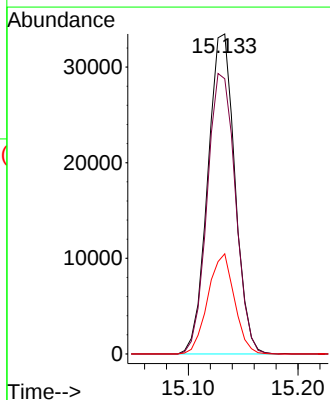
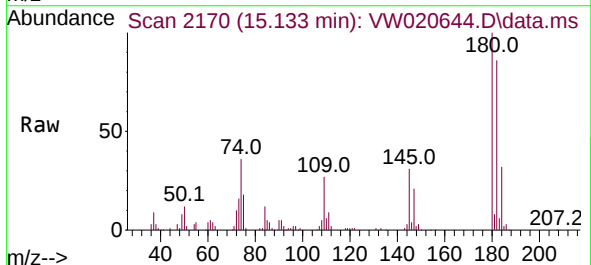
Instrument :
MSVOA_W
ClientSampled :

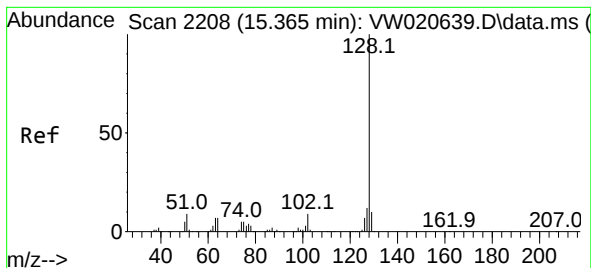
Tgt Ion:180	Resp:	71441
Ion Ratio	Lower	Upper
180	100	
182	97.1	73.4 110.0
184	30.7	24.2 36.4
145	31.2	23.7 35.5



#70
1,2,4-trichlorobenzene
Concen: 21.261 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:180	Resp:	57577
Ion Ratio	Lower	Upper
180	100	
182	90.9	75.8 113.8
145	30.6	24.8 37.2

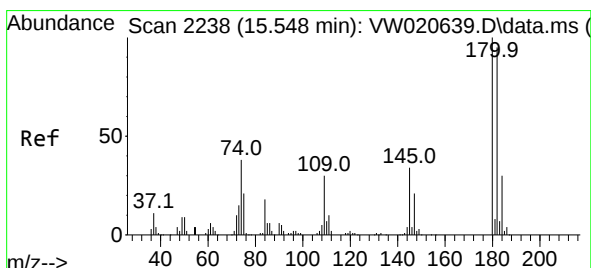
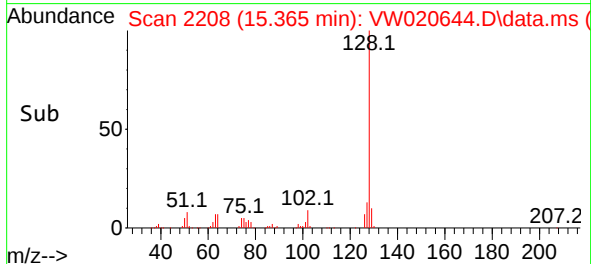
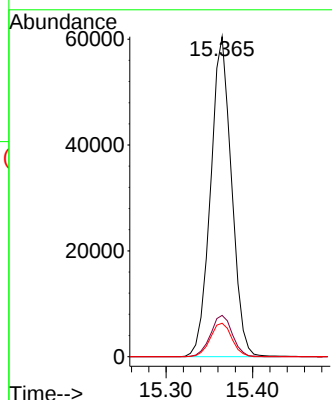
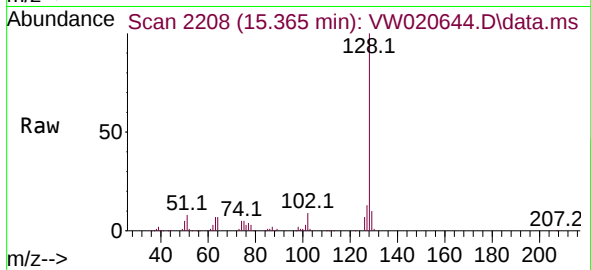




#71
Naphthalene
Concen: 20.828 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion:128 Resp: 101408
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 10.8 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.168 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW020644.D
Acq: 20 Oct 2021 11:00

Tgt Ion:180 Resp: 50347
Ion Ratio Lower Upper
180 100
182 96.4 74.8 112.2
145 35.1 26.2 39.4

