

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071222\
 Data File : VW023638.D
 Acq On : 13 Jul 2022 05:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025598

Quant Time: Jul 13 06:16:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM070722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 13 02:42:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	280231	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.627	117	274996	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	147116	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	112165	22.112	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.440%
7) Chloroethane-d5	2.879	69	70728	24.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.520%
11) 1,1-Dichloroethene-d2	4.013	63	124769	21.816	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.280%
21) 2-Butanone-d5	7.073	46	52908	50.225	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.460%
24) Chloroform-d	7.646	84	194923	24.420	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	97.680%
26) 1,2-Dichloroethane-d4	8.305	65	110930	24.588	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.360%
32) Benzene-d6	8.274	84	359132	23.603	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	9.274	67	107773	24.193	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.760%
41) Toluene-d8	10.323	98	334422	22.675	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.720%
43) trans-1,3-Dichloroprop...	10.579	79	42371	21.308	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.240%
47) 2-Hexanone-d5	10.926	63	44803	51.424	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	116452	26.350	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.400%
66) 1,2-Dichlorobenzene-d4	13.853	152	126834	23.896	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	36444	21.742	ug/L	96
3) Chloromethane	2.214	50	92262	23.768	ug/L	96
5) Vinyl chloride	2.355	62	163599	25.925	ug/L	95
6) Bromomethane	2.769	94	91432	25.098	ug/L	99
8) Chloroethane	2.916	64	64365	26.998	ug/L	91
9) Trichlorofluoromethane	3.251	101	63339	25.160	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.056	101	92310	23.097	ug/L	97
12) 1,1-Dichloroethene	4.037	96	79047	23.721	ug/L	95
13) Acetone	4.123	43	35101	45.212	ug/L	98
14) Carbon disulfide	4.385	76	220827	22.257	ug/L	100
15) Methyl Acetate	4.671	43	45314	24.867	ug/L	98
16) Methylene chloride	4.909	84	106593	22.429	ug/L	92
17) trans-1,2-Dichloroethene	5.421	96	95073	23.703	ug/L	99
18) Methyl tert-butyl Ether	5.433	73	152126	25.688	ug/L	99
19) 1,1-Dichloroethane	6.214	63	178611	25.386	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	112344	25.573	ug/L	96
22) 2-Butanone	7.171	43	66778	47.937	ug/L	96
23) Bromochloromethane	7.512	128	54129	24.762	ug/L	# 88
25) Chloroform	7.677	83	207952	26.020	ug/L	97

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 Response via : Initial Calibration

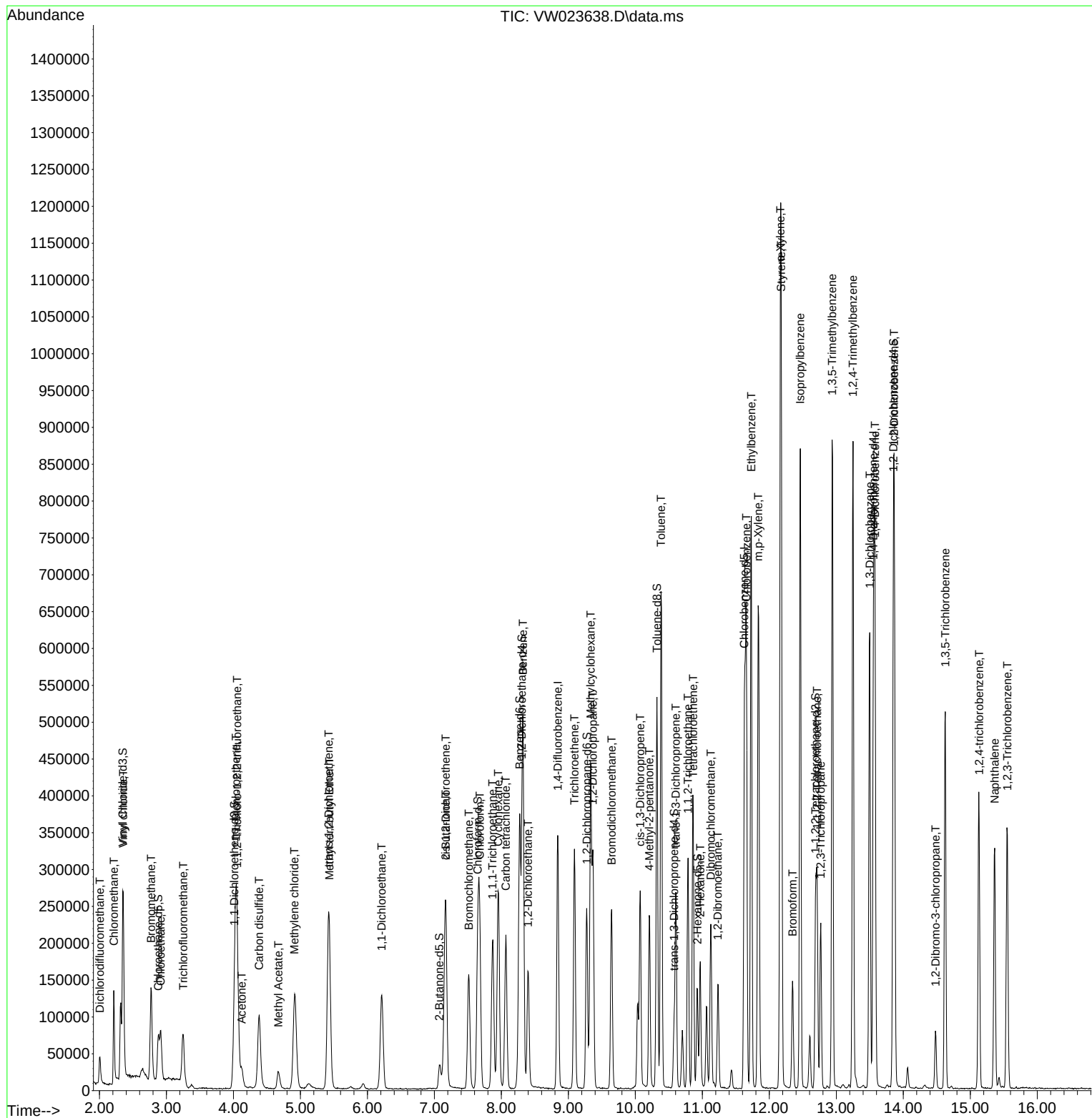
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	144699	26.754	ug/L	98
29) Cyclohexane	7.951	56	132806	23.215	ug/L	99
30) 1,1,1-Trichloroethane	7.866	97	159913	24.459	ug/L	99
31) Carbon tetrachloride	8.067	117	143419	23.678	ug/L	99
33) Benzene	8.323	78	437254	25.322	ug/L	100
34) Trichloroethene	9.091	95	110470	24.546	ug/L	93
35) Methylcyclohexane	9.335	83	164906	22.776	ug/L	98
37) 1,2-Dichloropropane	9.366	63	108001	25.871	ug/L	99
38) Bromodichloromethane	9.646	83	160419	27.216	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	151910	23.856	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	148063	53.274	ug/L	98
42) Toluene	10.384	91	489019	25.956	ug/L	98
44) trans-1,3-Dichloropropene	10.603	75	139325	23.729	ug/L	99
45) 1,1,2-Trichloroethane	10.786	97	92977	25.874	ug/L	94
46) Tetrachloroethene	10.865	164	79881	22.580	ug/L	86
48) 2-Hexanone	10.969	43	105182	53.417	ug/L	97
49) Dibromochloromethane	11.128	129	112453	26.288	ug/L	98
50) 1,2-Dibromoethane	11.231	107	91498	25.793	ug/L	92
51) Chlorobenzene	11.658	112	325618	25.384	ug/L	97
52) Ethylbenzene	11.731	91	538665	25.322	ug/L	100
53) m,p-Xylene	11.835	106	211977	25.687	ug/L	99
54) o-Xylene	12.164	106	204004	25.814	ug/L	96
55) Styrene	12.176	104	378667	27.554	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	120722	26.110	ug/L	96
59) Bromoform	12.347	173	60005	24.383	ug/L	95
60) Isopropylbenzene	12.463	105	540290	25.412	ug/L	99
61) 1,2,3-Trichloropropane	12.767	75	87495	26.162	ug/L	98
62) 1,3,5-Trimethylbenzene	12.938	105	448320	25.427	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	456347	25.874	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	241982	24.061	ug/L	92
65) 1,4-Dichlorobenzene	13.578	146	249017	24.413	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	231853	24.999	ug/L #	91
68) 1,2-Dibromo-3-chloropr...	14.481	75	19169	24.322	ug/L	91
69) 1,3,5-Trichlorobenzene	14.627	180	141796	21.729	ug/L	96
70) 1,2,4-trichlorobenzene	15.133	180	111453	21.138	ug/L	93
71) Naphthalene	15.365	128	274947	24.157	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	112523	23.022	ug/L	100

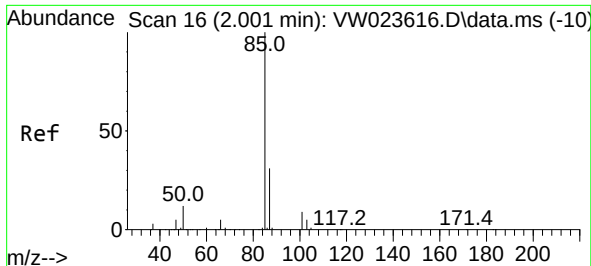
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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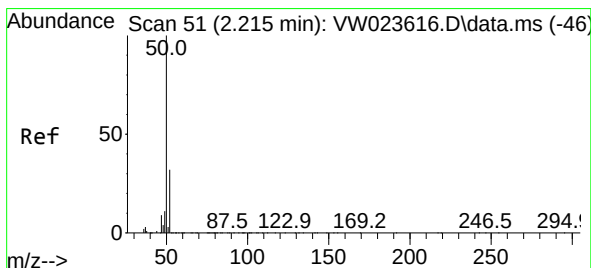
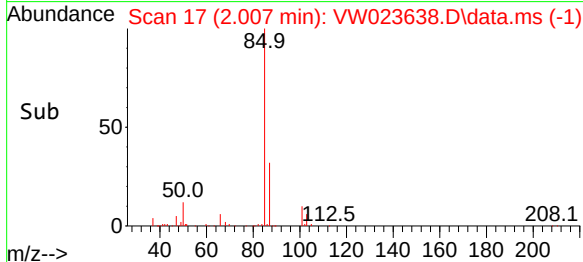
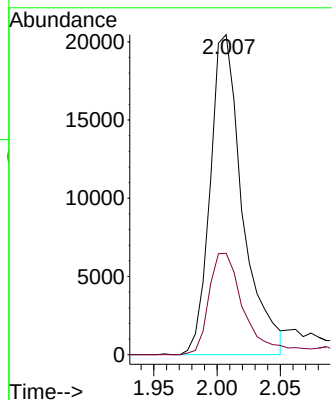
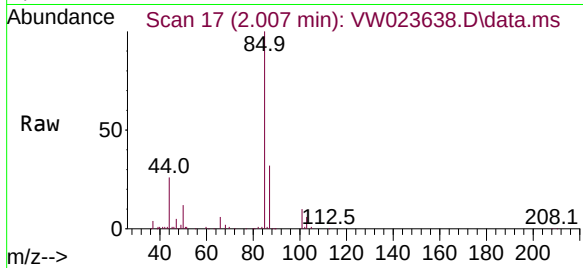




#2
 Dichlorodifluoromethane
 Concen: 21.742 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

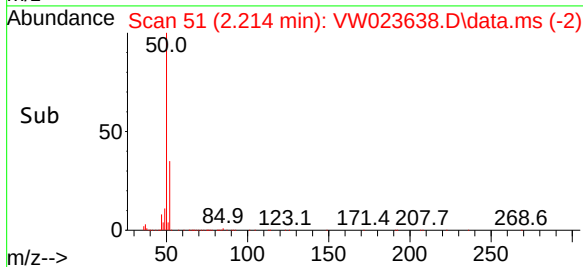
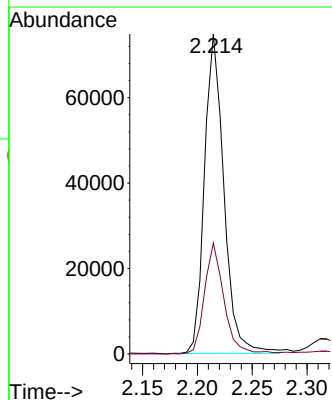
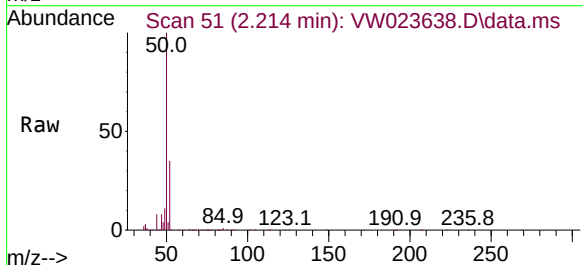
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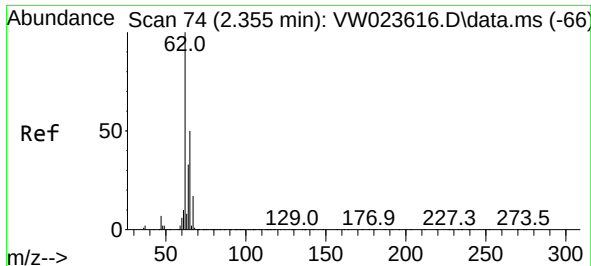
Tgt Ion: 85 Resp: 36444
 Ion Ratio Lower Upper
 85 100
 87 34.9 26.0 39.0



#3
 Chloromethane
 Concen: 23.768 ug/L
 RT: 2.214 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

Tgt Ion: 50 Resp: 92262
 Ion Ratio Lower Upper
 50 100
 52 34.7 22.5 41.9

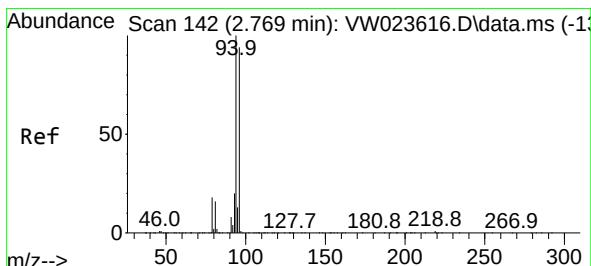
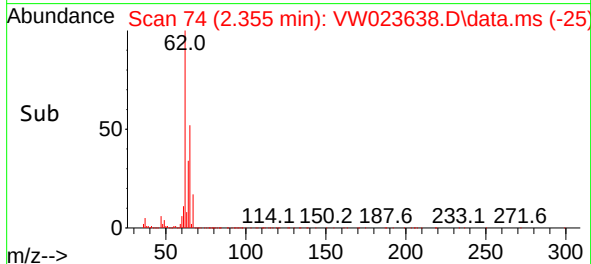
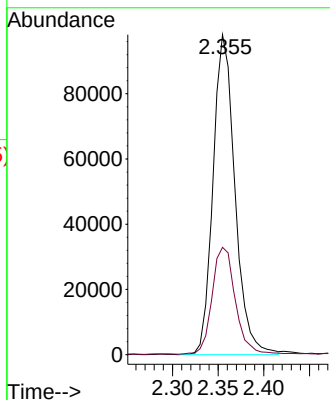
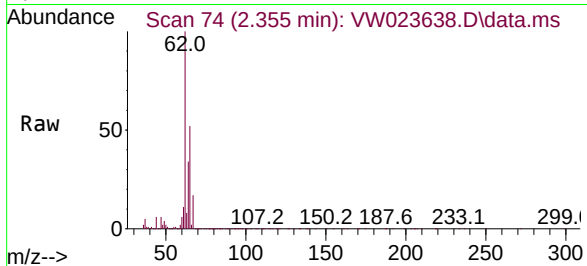




#5
 Vinyl chloride
 Concen: 25.925 ug/L
 RT: 2.355 min Scan# 74
 Delta R.T. -0.000 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

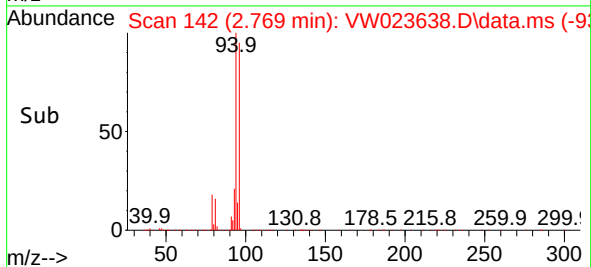
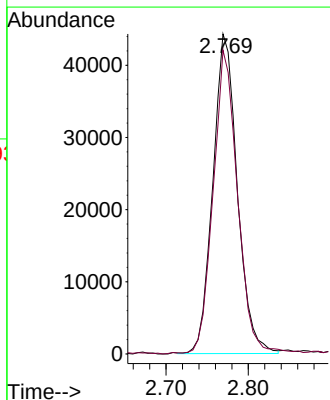
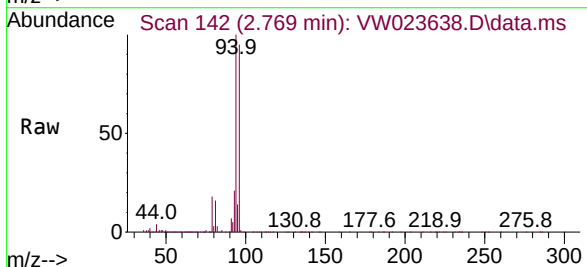
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 ClientSampleId :
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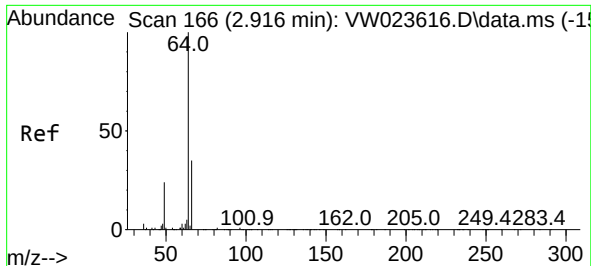
Tgt Ion: 62 Resp: 163599
 Ion Ratio Lower Upper
 62 100
 64 33.6 25.8 47.8



#6
 Bromomethane
 Concen: 25.098 ug/L
 RT: 2.769 min Scan# 142
 Delta R.T. -0.000 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

Tgt Ion: 94 Resp: 91432
 Ion Ratio Lower Upper
 94 100
 96 94.9 65.6 121.8

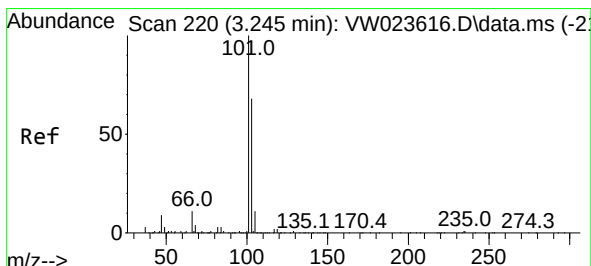
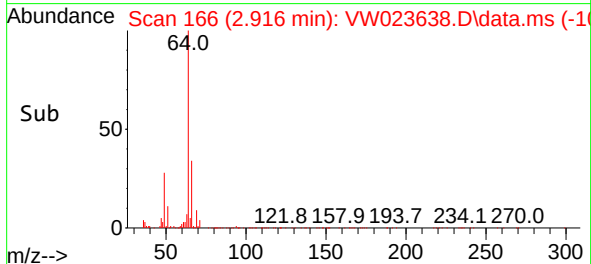
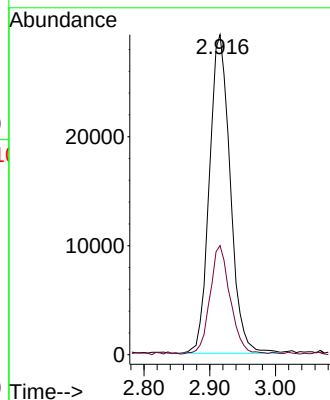
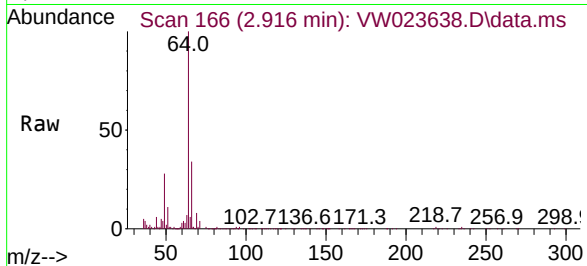




#8
Chloroethane
Concen: 26.998 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

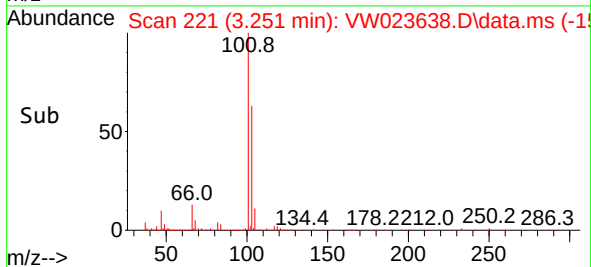
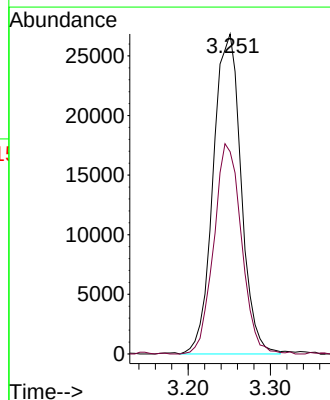
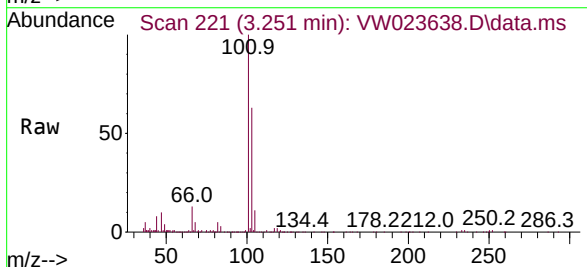
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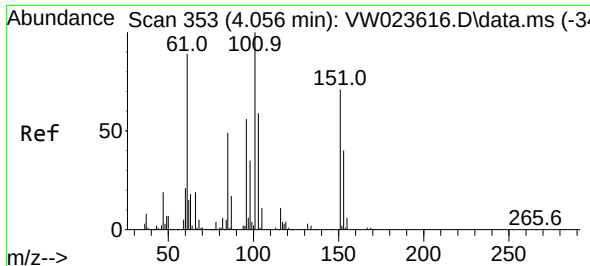
Tgt Ion: 64 Resp: 64365
Ion Ratio Lower Upper
64 100
66 34.1 20.6 38.2



#9
Trichlorofluoromethane
Concen: 25.160 ug/L
RT: 3.251 min Scan# 221
Delta R.T. 0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 101 Resp: 63339
Ion Ratio Lower Upper
101 100
103 65.1 53.2 79.8

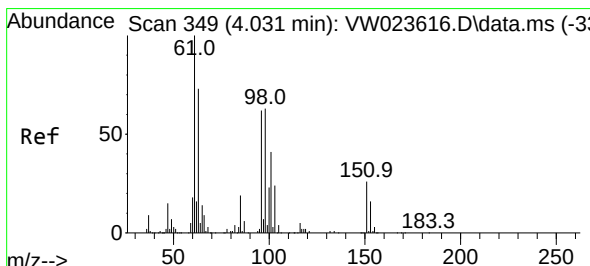
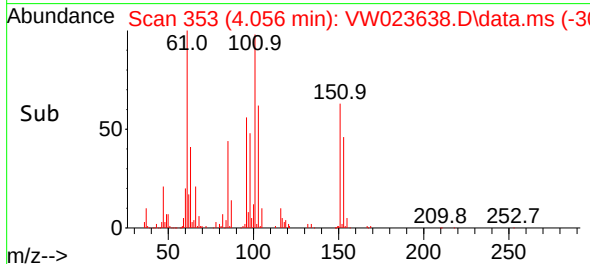
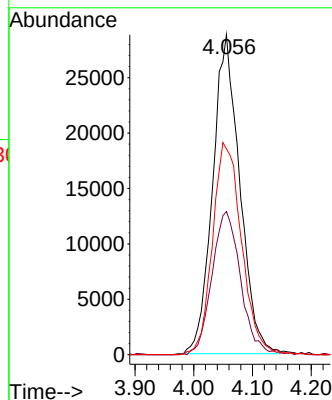
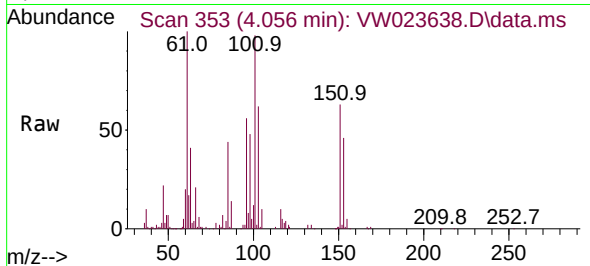




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.097 ug/L
 RT: 4.056 min Scan# 310
 Delta R.T. -0.000 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

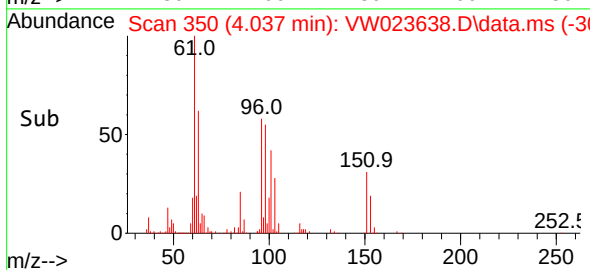
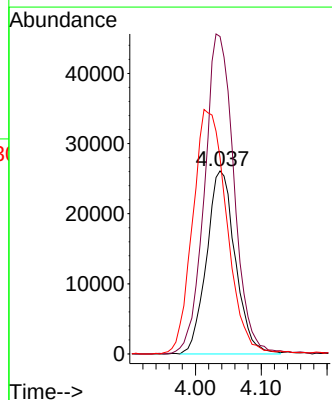
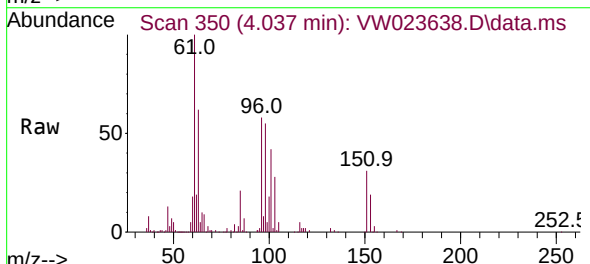
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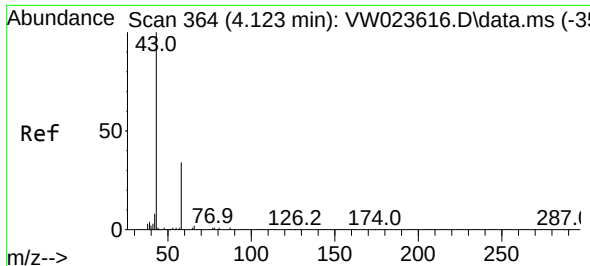
Tgt Ion:101 Resp: 92310
 Ion Ratio Lower Upper
 101 100
 85 47.3 37.0 55.4
 151 70.9 54.6 81.8



#12
 1,1-Dichloroethene
 Concen: 23.721 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. 0.006 min
 Lab File: VW023638.D
 Acq: 13 Jul 2022 05:37

Tgt Ion: 96 Resp: 79047
 Ion Ratio Lower Upper
 96 100
 61 173.4 122.0 226.6
 63 107.2 83.0 154.2

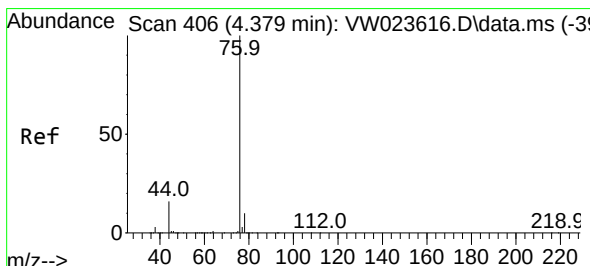
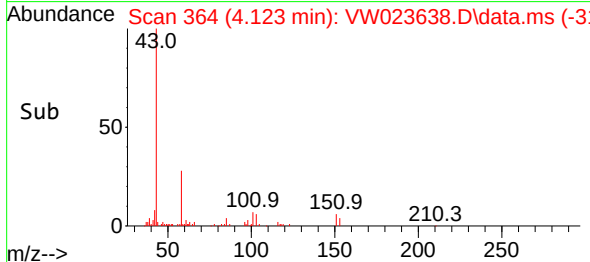
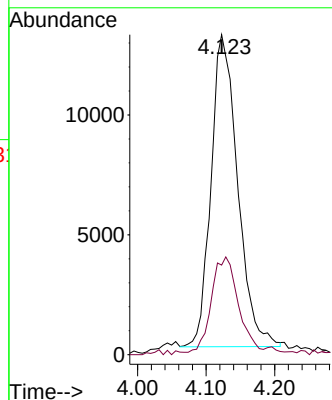
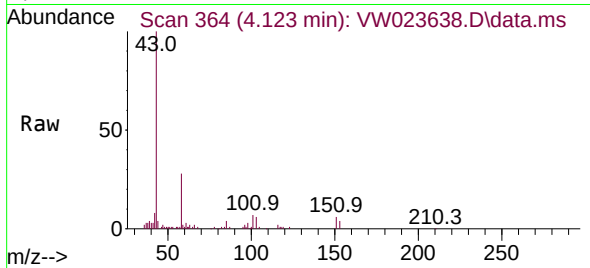




#13
Acetone
Concen: 45.212 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

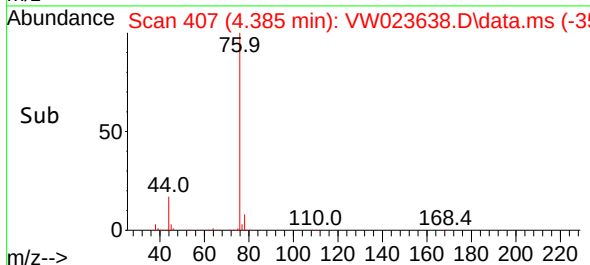
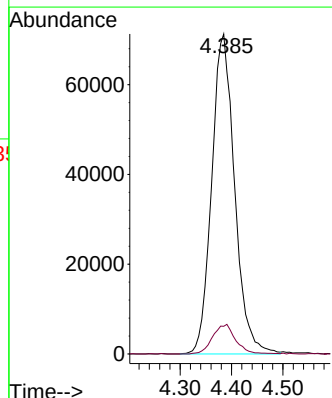
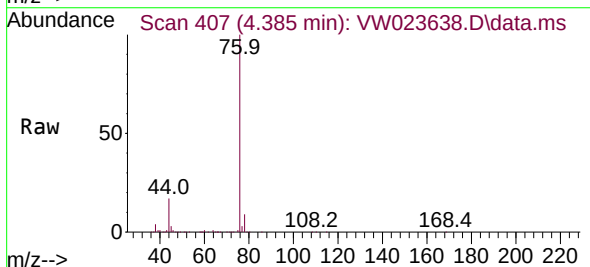
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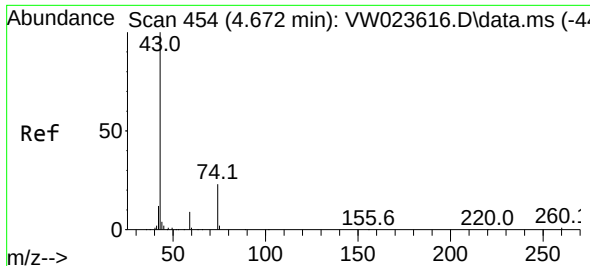
Tgt Ion: 43 Resp: 35101
Ion Ratio Lower Upper
43 100
58 31.6 0.0 61.2



#14
Carbon disulfide
Concen: 22.257 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 220827
Ion Ratio Lower Upper
76 100
78 8.7 6.8 10.2

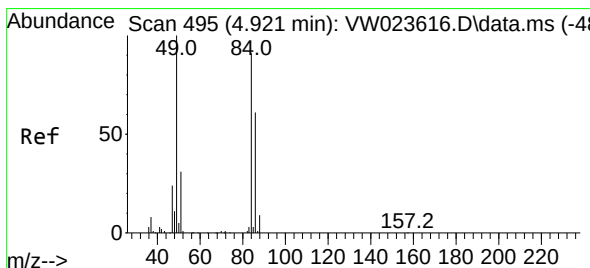
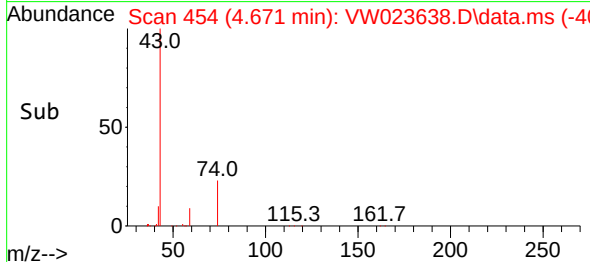
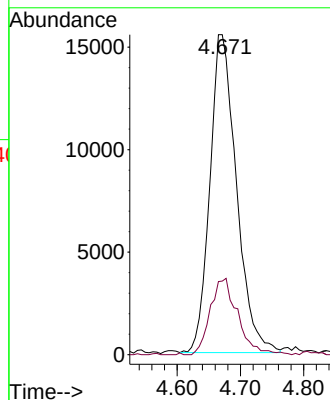
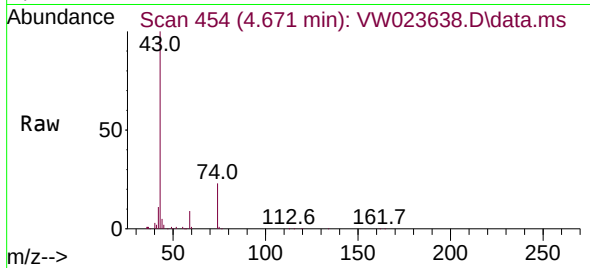




#15
Methyl Acetate
Concen: 24.867 ug/L
RT: 4.671 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

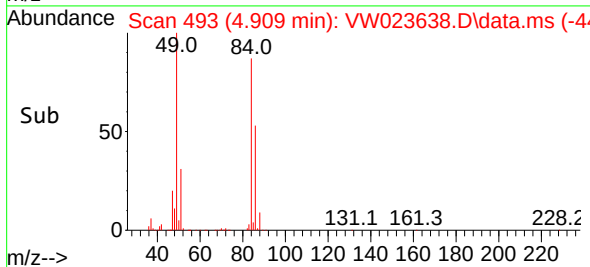
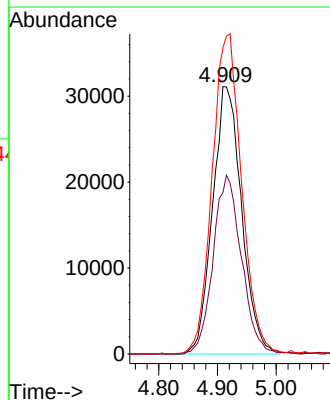
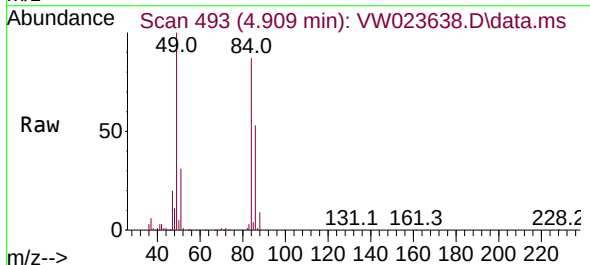
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

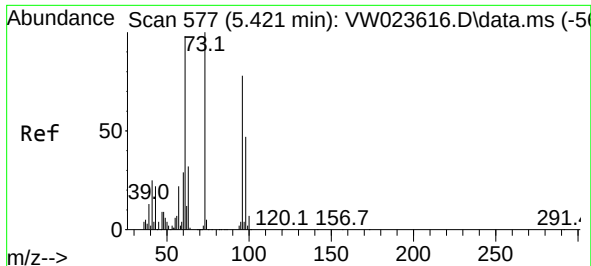
Tgt Ion: 43 Resp: 45314
Ion Ratio Lower Upper
43 100
74 24.3 20.4 30.6



#16
Methylene chloride
Concen: 22.429 ug/L
RT: 4.909 min Scan# 493
Delta R.T. -0.012 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 84 Resp: 106593
Ion Ratio Lower Upper
84 100
86 60.3 44.9 83.3
49 114.6 87.6 162.6

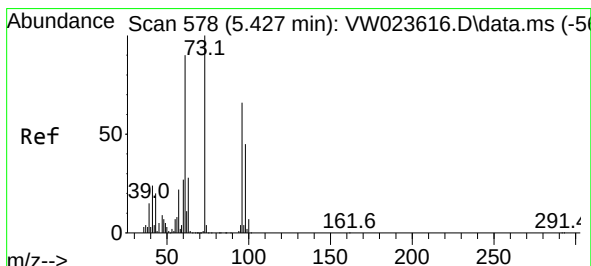
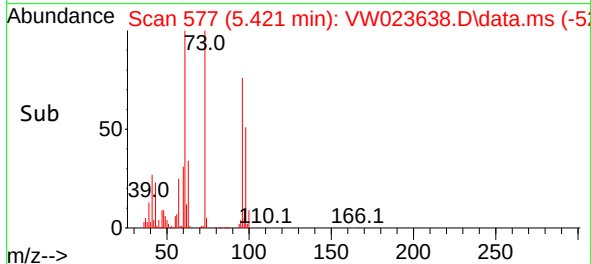
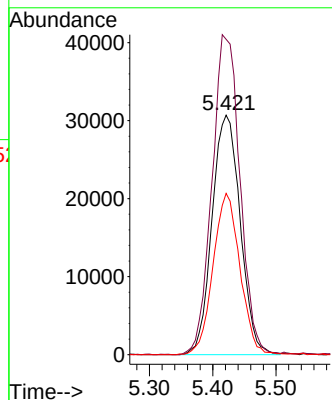
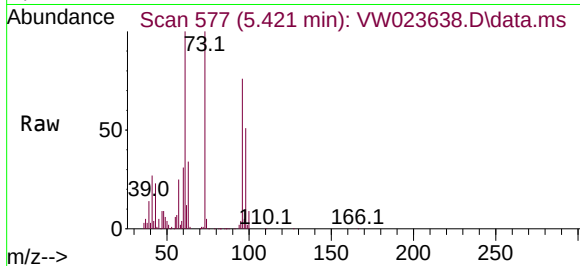




#17
trans-1,2-Dichloroethene
Concen: 23.703 ug/L
RT: 5.421 min Scan# 577
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

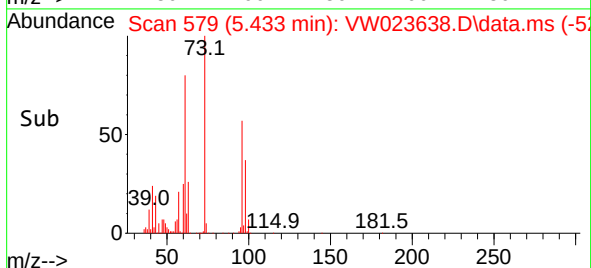
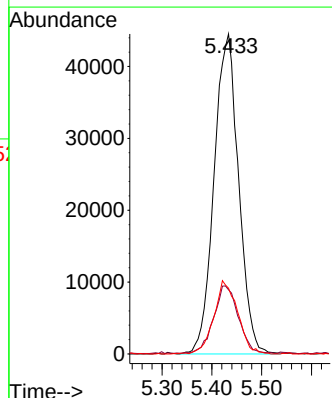
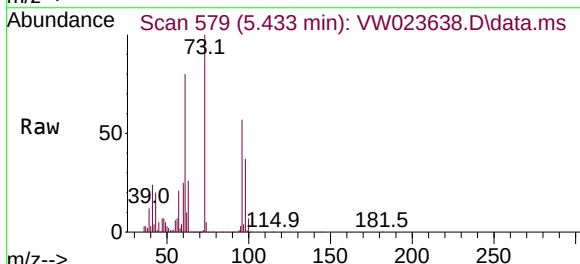
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

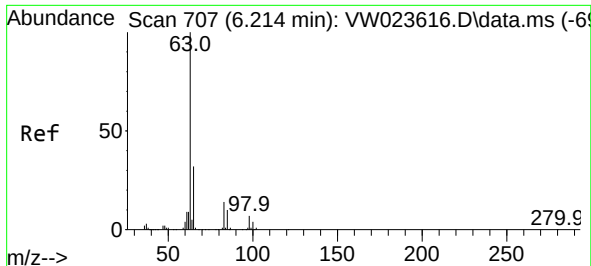
Tgt Ion: 96 Resp: 95073
Ion Ratio Lower Upper
96 100
61 131.7 92.3 171.5
98 67.3 45.5 84.5



#18
Methyl tert-butyl Ether
Concen: 25.688 ug/L
RT: 5.433 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 73 Resp: 152126
Ion Ratio Lower Upper
73 100
43 20.8 16.2 24.2
57 21.4 16.9 25.3

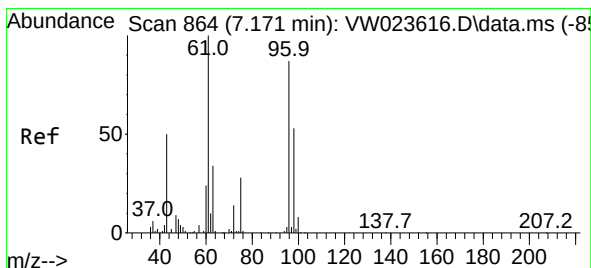
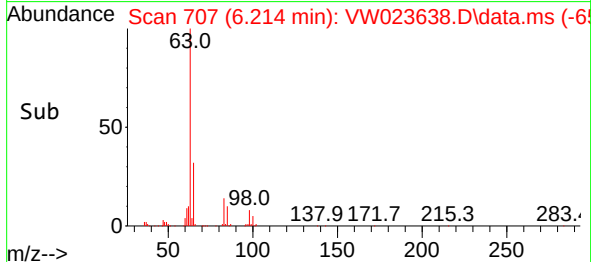
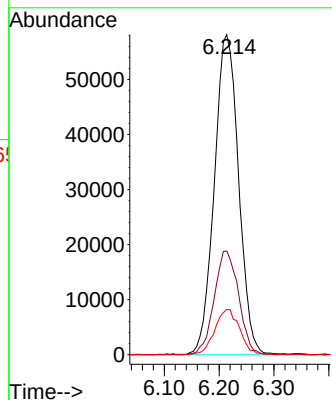
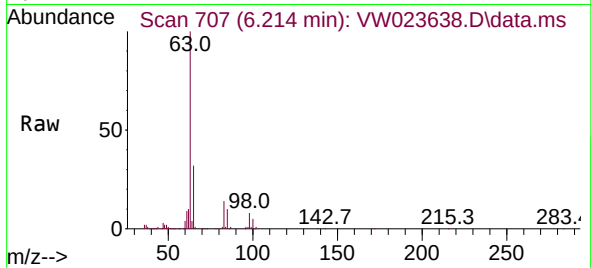




#19
1,1-Dichloroethane
Concen: 25.386 ug/L
RT: 6.214 min Scan# 707
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

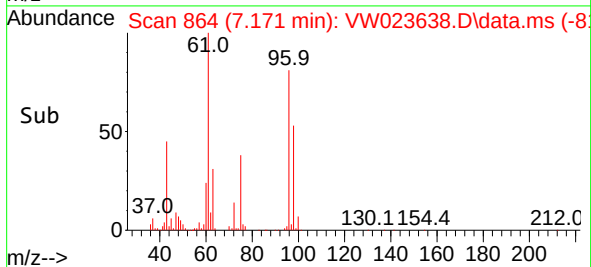
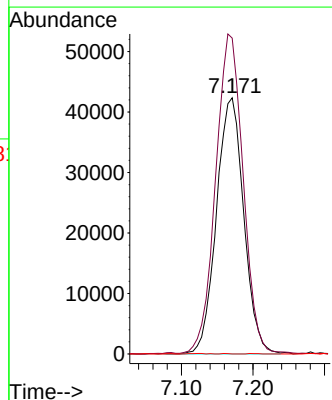
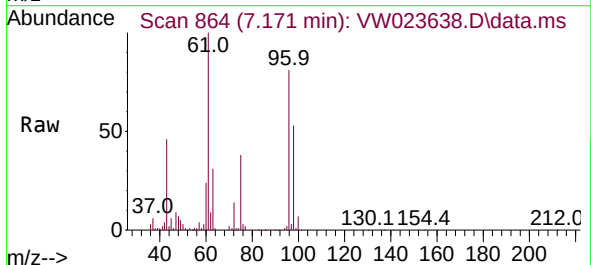
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

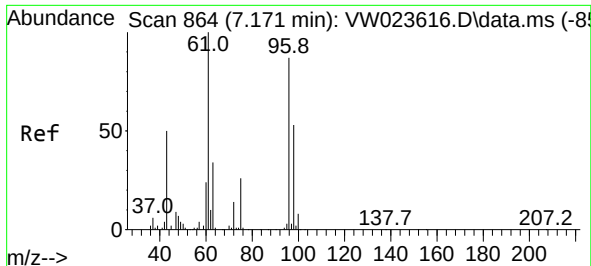
Tgt Ion: 63 Resp: 178611
Ion Ratio Lower Upper
63 100
65 32.4 22.3 41.3
83 14.2 9.8 18.2



#20
cis-1,2-Dichloroethene
Concen: 25.573 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 96 Resp: 112344
Ion Ratio Lower Upper
96 100
61 123.2 83.2 154.6
68 0.0 0.0 0.0

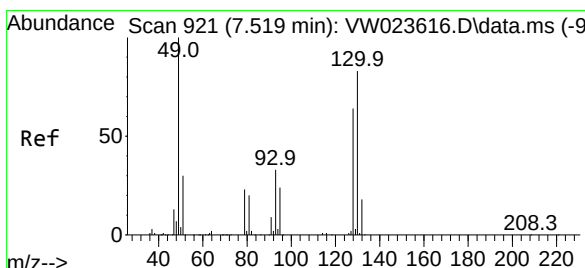
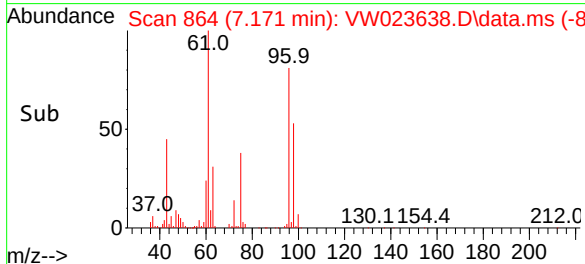
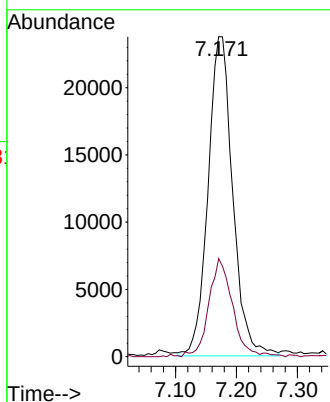
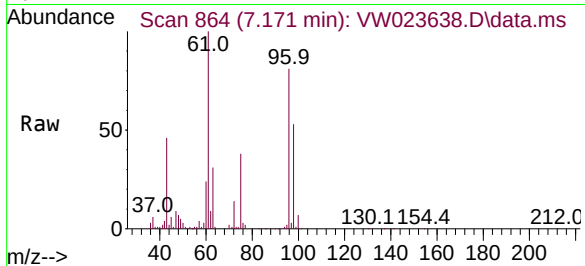




#22
2-Butanone
Concen: 47.937 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

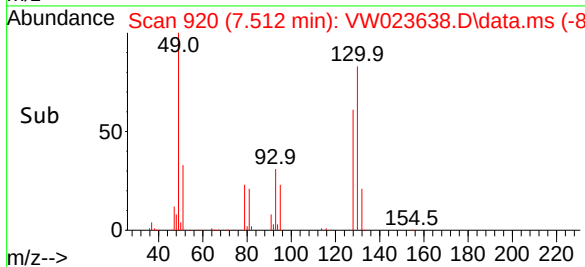
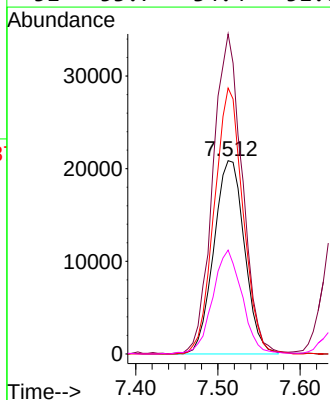
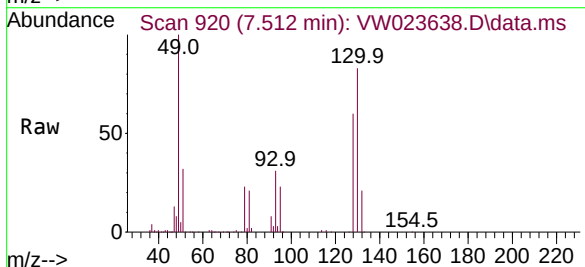
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

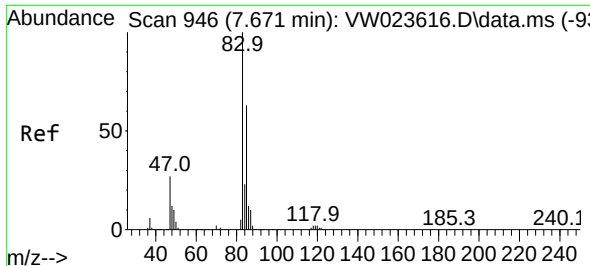
Tgt Ion: 43 Resp: 66778
Ion Ratio Lower Upper
43 100
72 28.5 15.4 46.1



#23
Bromochloromethane
Concen: 24.762 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 128 Resp: 54129
Ion Ratio Lower Upper
128 100
49 165.5 105.8 196.6
130 137.5 87.6 162.8
51 53.7 34.4 51.6#

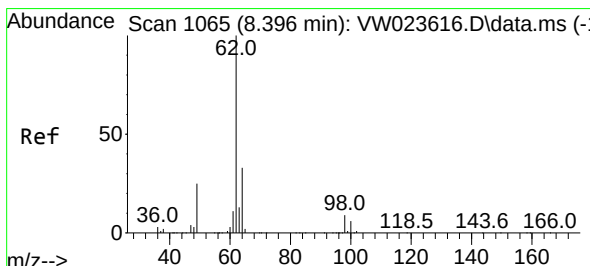
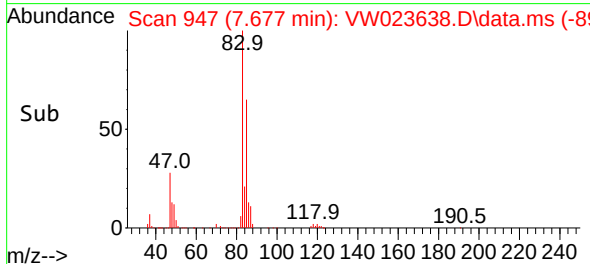
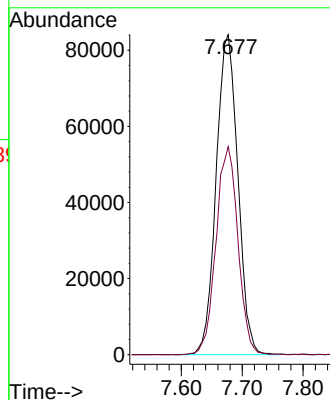
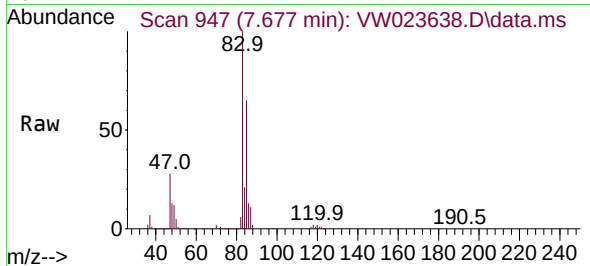




#25
Chloroform
Concen: 26.020 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

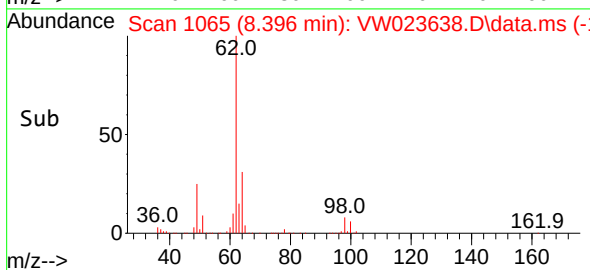
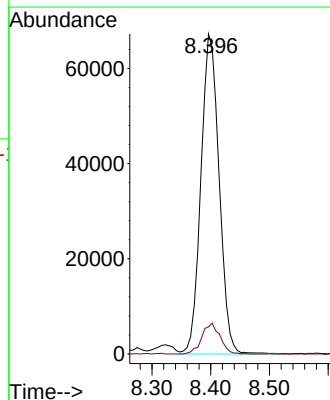
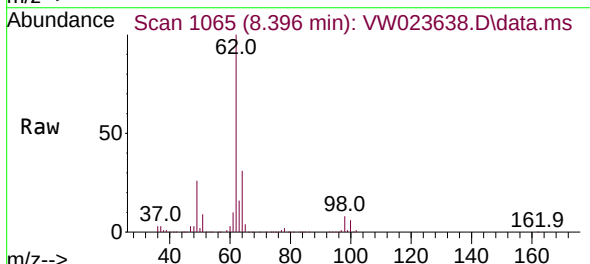
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

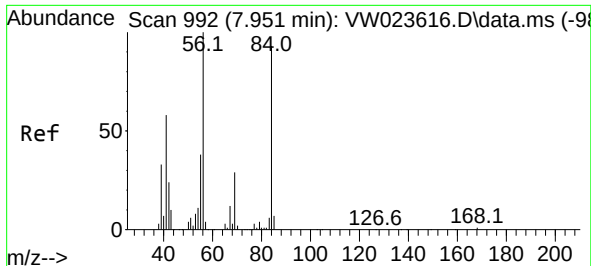
Tgt Ion: 83 Resp: 207952
Ion Ratio Lower Upper
83 100
85 65.0 47.0 87.4



#27
1,2-Dichloroethane
Concen: 26.754 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 62 Resp: 144699
Ion Ratio Lower Upper
62 100
98 8.5 7.4 11.0

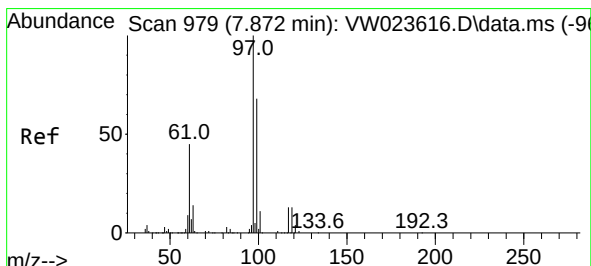
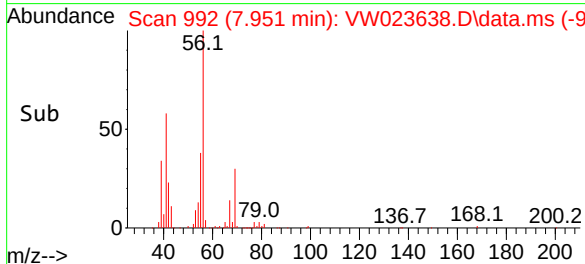
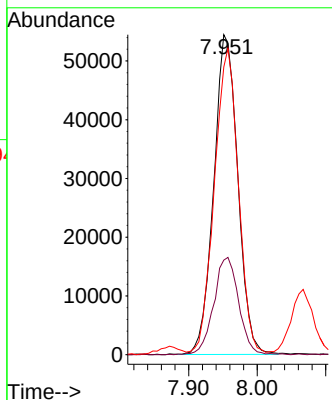
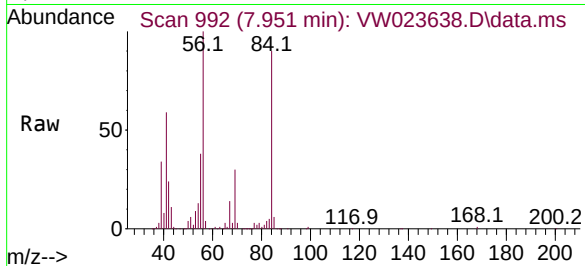




#29
Cyclohexane
Concen: 23.215 ug/L
RT: 7.951 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

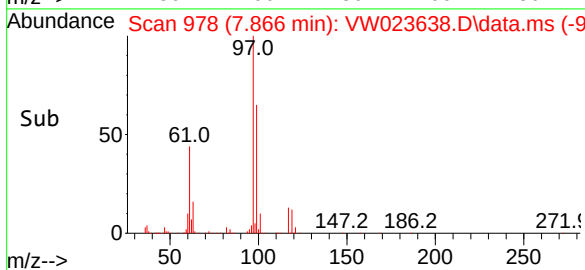
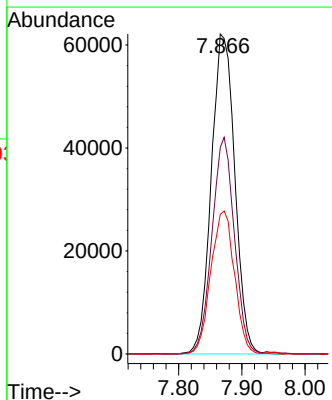
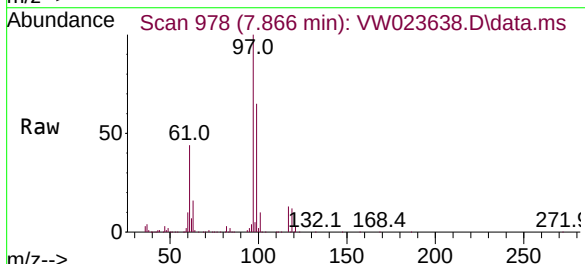
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

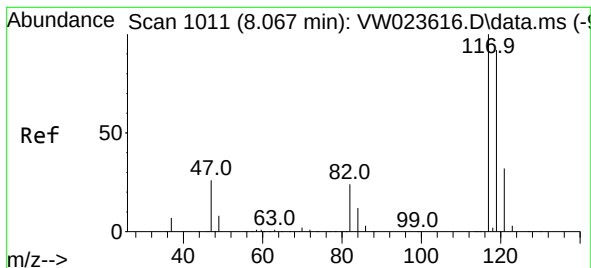
Tgt Ion: 56 Resp: 132806
Ion Ratio Lower Upper
56 100
69 31.3 25.6 38.4
84 95.5 77.0 115.6



#30
1,1,1-Trichloroethane
Concen: 24.459 ug/L
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 97 Resp: 159913
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 45.0 35.8 53.8

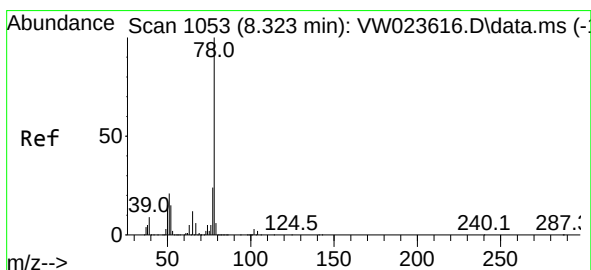
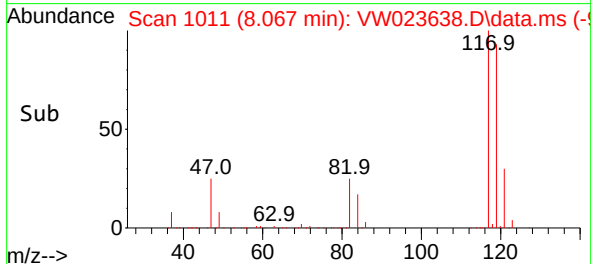
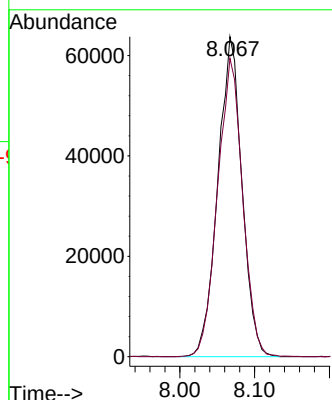
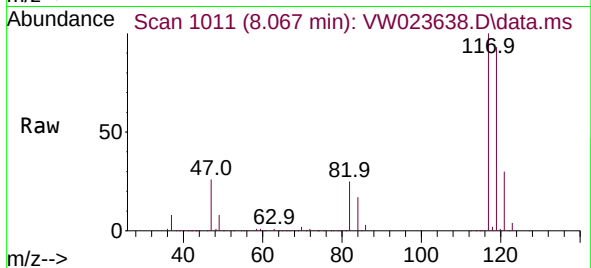




#31
Carbon tetrachloride
Concen: 23.678 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

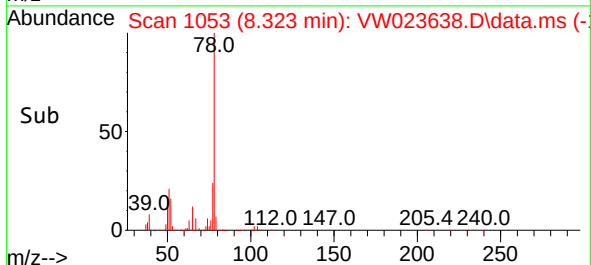
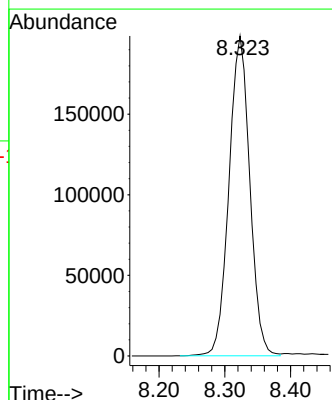
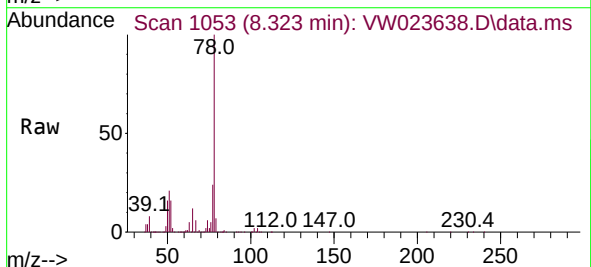
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

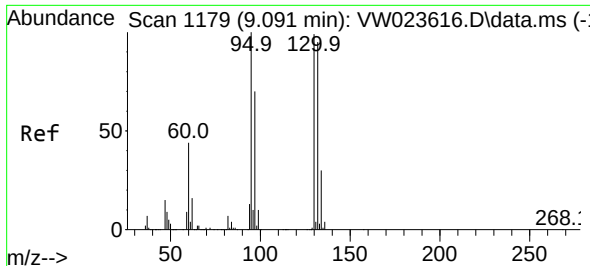
Tgt Ion:117 Resp: 143419
Ion Ratio Lower Upper
117 100
119 96.5 76.7 115.1



#33
Benzene
Concen: 25.322 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 78 Resp: 437254



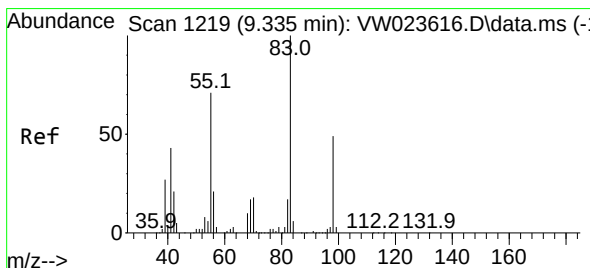
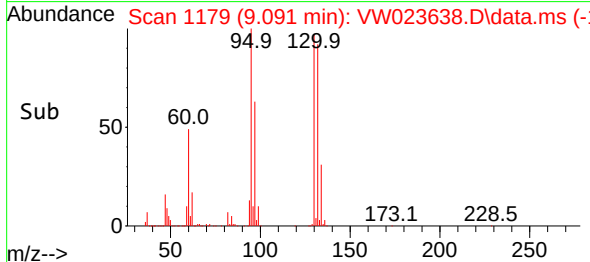
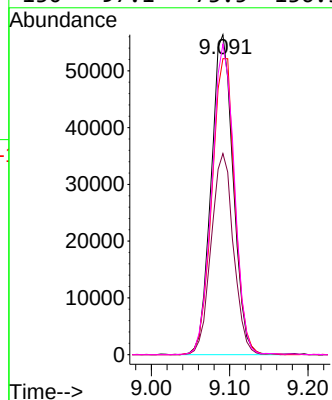
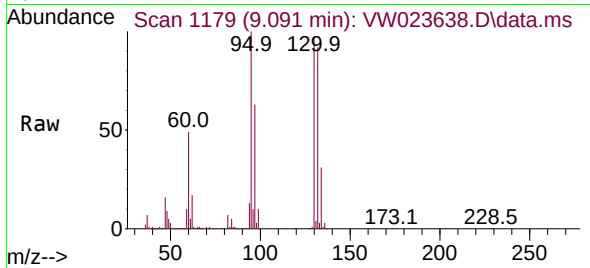


#34
Trichloroethene
Concen: 24.546 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

Tgt Ion: 95 Resp: 110470

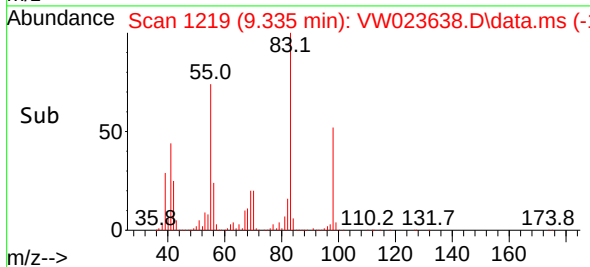
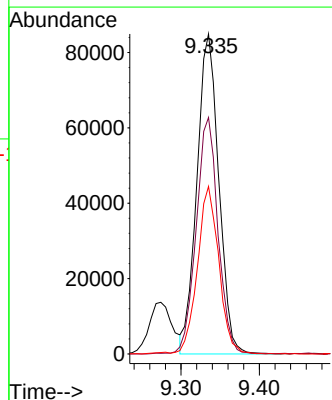
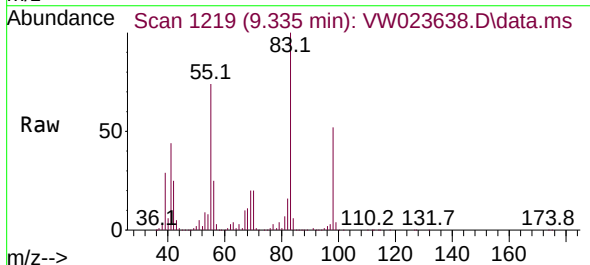
Ion	Ratio	Lower	Upper
95	100		
97	62.8	47.5	88.1
132	92.5	68.9	127.9
130	97.1	73.5	136.5

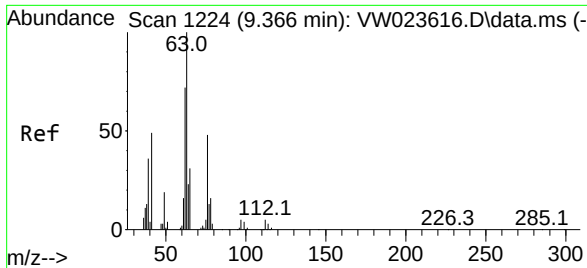


#35
Methylcyclohexane
Concen: 22.776 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 83 Resp: 164906

Ion	Ratio	Lower	Upper
83	100		
55	73.5	57.0	85.6
98	51.2	40.2	60.4





#37

1,2-Dichloropropane

Concen: 25.871 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

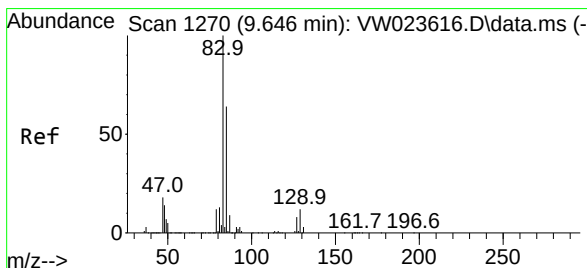
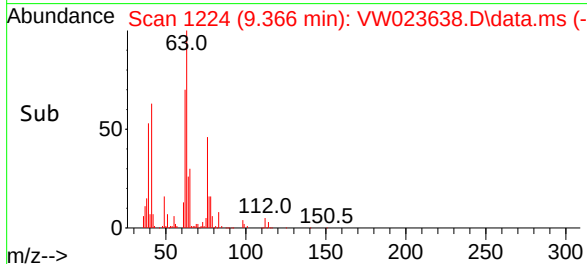
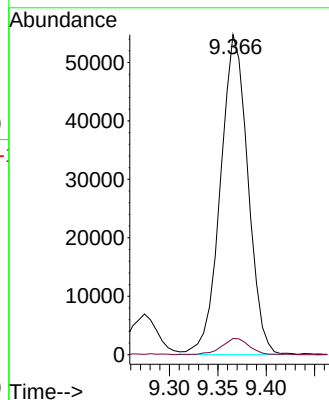
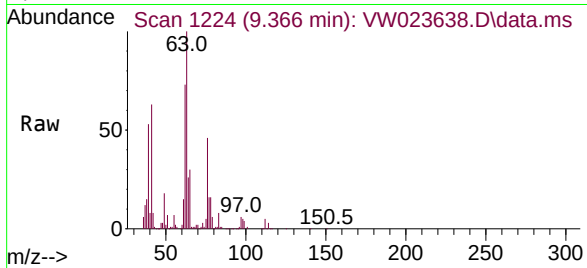
VSTD025598

Tgt Ion: 63 Resp: 108001

Ion Ratio Lower Upper

63 100

112 4.8 4.1 6.1



#38

Bromodichloromethane

Concen: 27.216 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

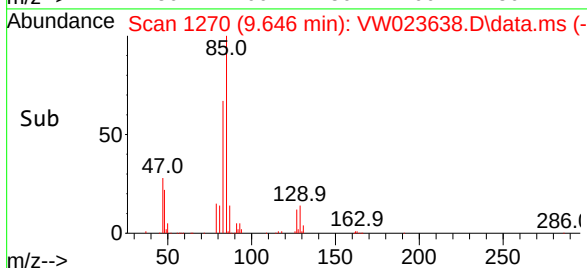
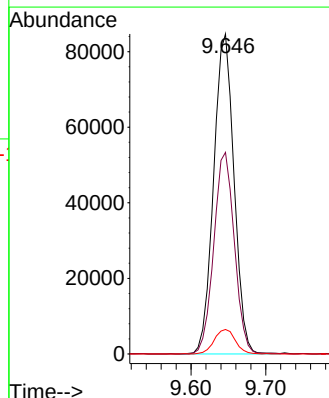
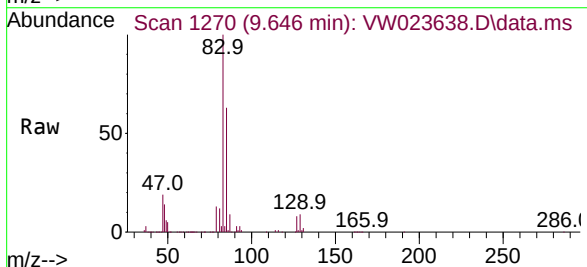
Tgt Ion: 83 Resp: 160419

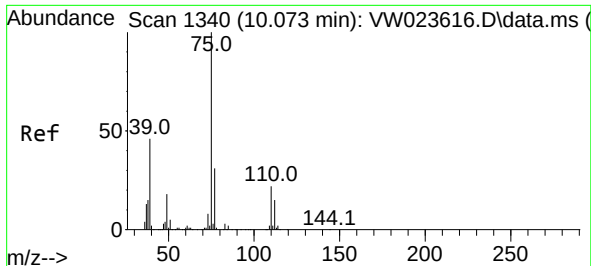
Ion Ratio Lower Upper

83 100

85 63.0 44.2 82.0

127 7.7 6.6 10.0





#39

cis-1,3-Dichloropropene

Concen: 23.856 ug/L

RT: 10.073 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

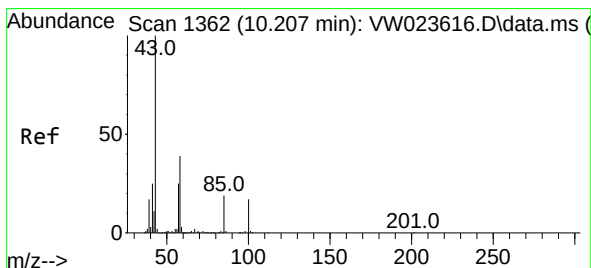
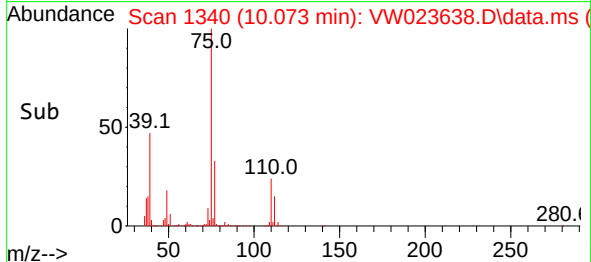
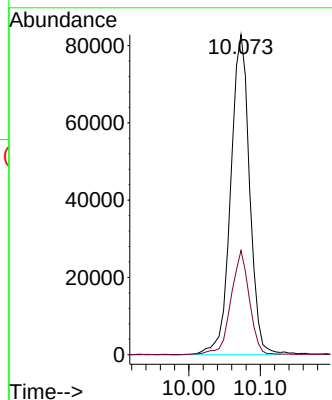
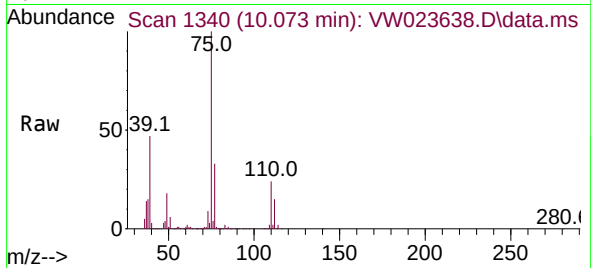
VSTD025598

Tgt Ion: 75 Resp: 151910

Ion Ratio Lower Upper

75 100

77 32.6 23.0 42.6



#40

4-Methyl-2-pentanone

Concen: 53.274 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

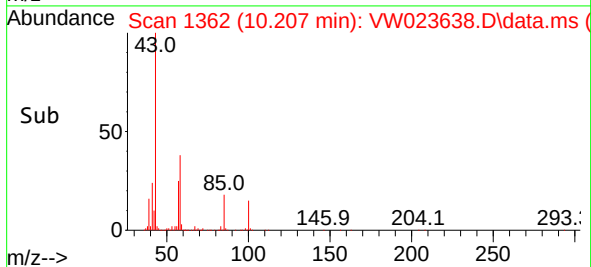
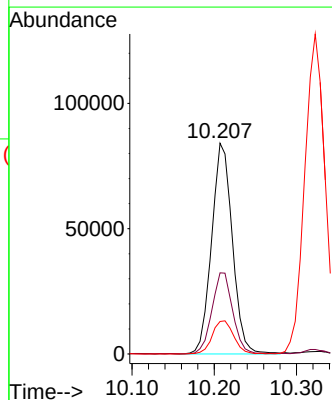
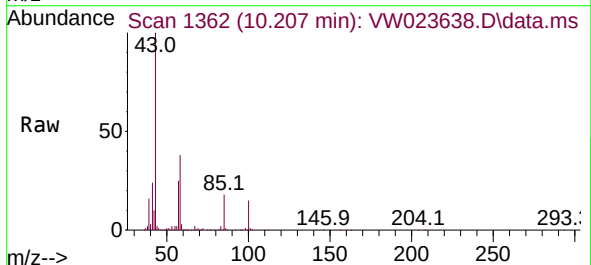
Tgt Ion: 43 Resp: 148063

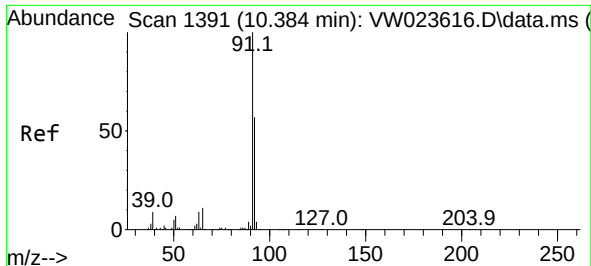
Ion Ratio Lower Upper

43 100

58 38.5 31.8 47.8

100 16.2 14.0 21.0

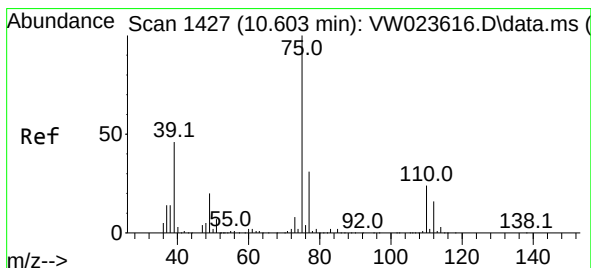
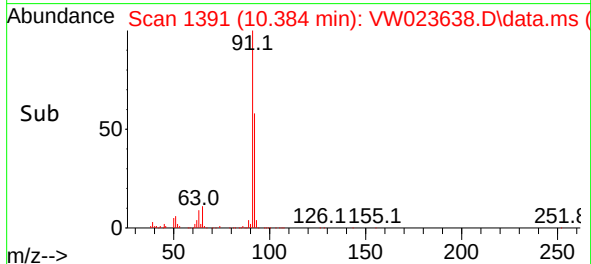
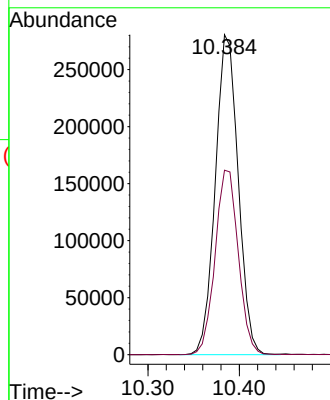
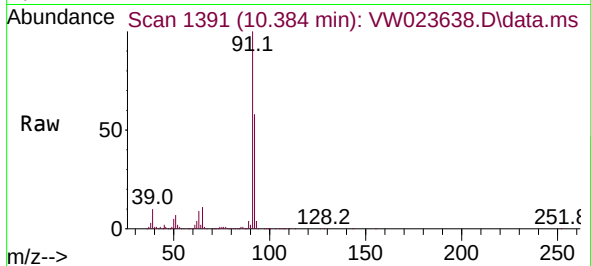




#42
Toluene
Concen: 25.956 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

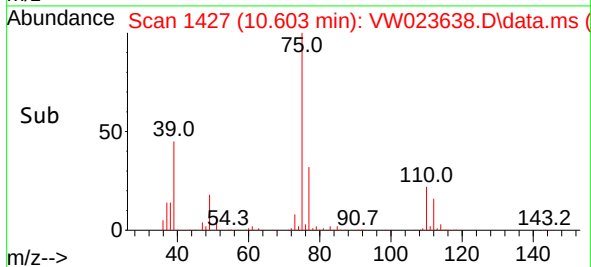
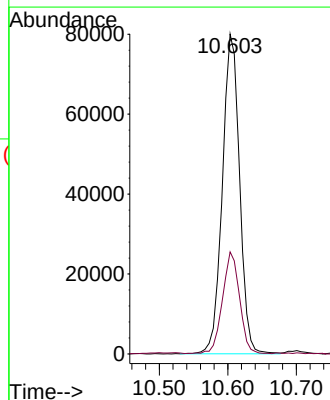
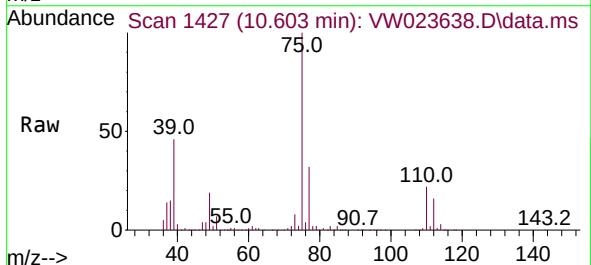
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

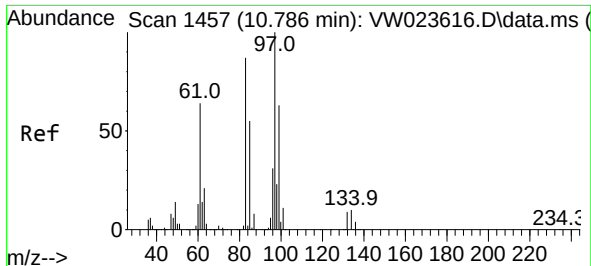
Tgt Ion: 91 Resp: 489019
Ion Ratio Lower Upper
91 100
92 57.7 41.2 76.4



#44
trans-1,3-Dichloropropene
Concen: 23.729 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion: 75 Resp: 139325
Ion Ratio Lower Upper
75 100
77 31.9 22.9 42.5

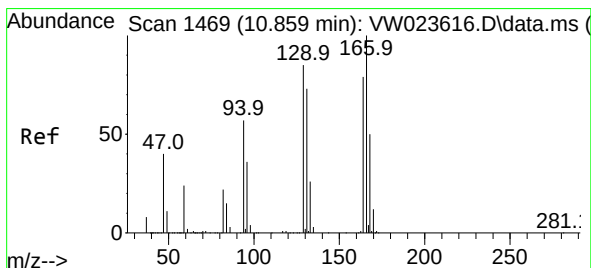
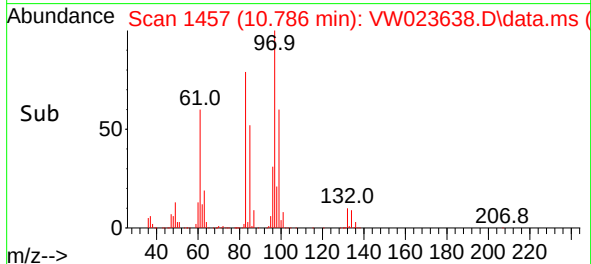
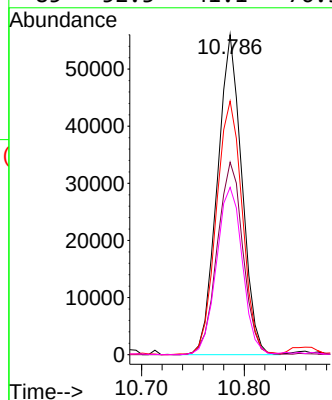
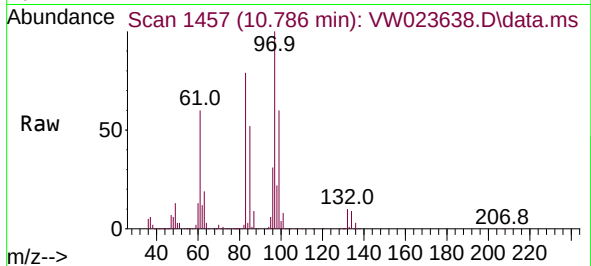




#45
1,1,2-Trichloroethane
Concen: 25.874 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

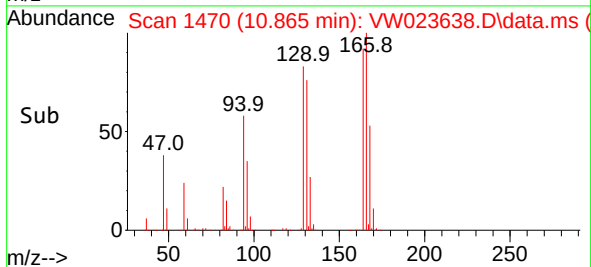
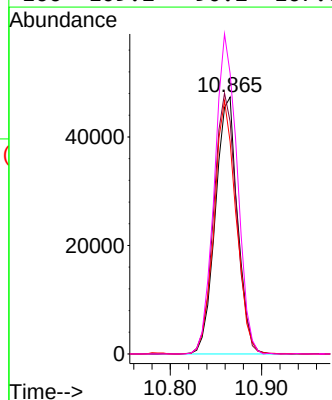
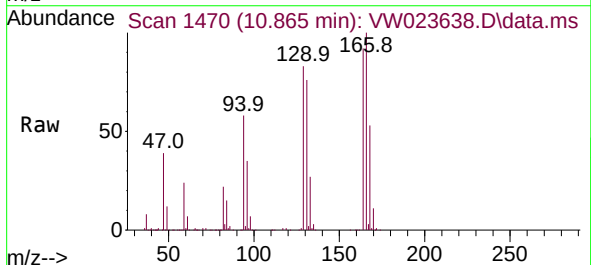
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

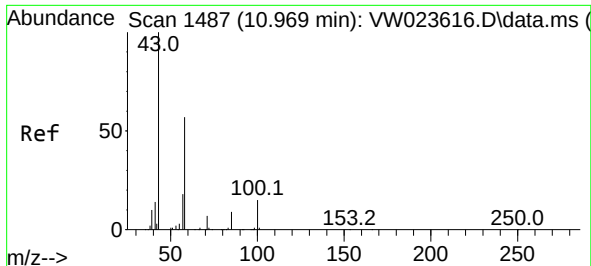
Tgt Ion: 97	Resp: 92977
Ion Ratio	Lower Upper
97 100	
99 60.1	43.9 81.5
83 79.3	59.8 111.0
85 52.3	41.1 76.3



#46
Tetrachloroethene
Concen: 22.580 ug/L
RT: 10.865 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion:164	Resp: 79881
Ion Ratio	Lower Upper
164 100	
129 90.5	71.3 132.3
131 82.6	67.0 124.4
166 109.2	90.2 167.6

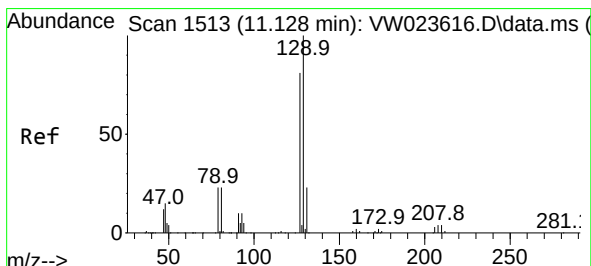
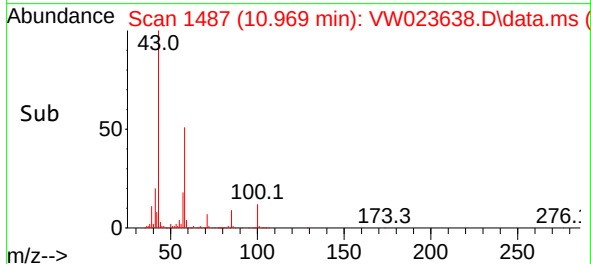
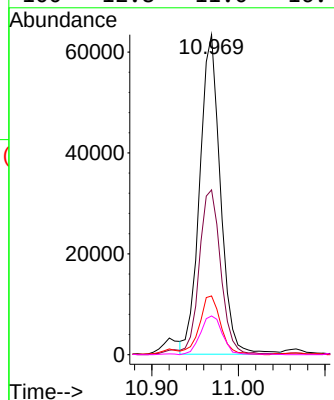
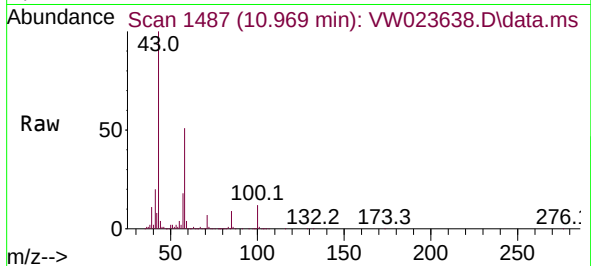




#48
2-Hexanone
Concen: 53.417 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

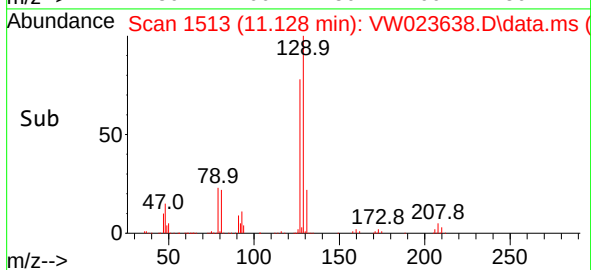
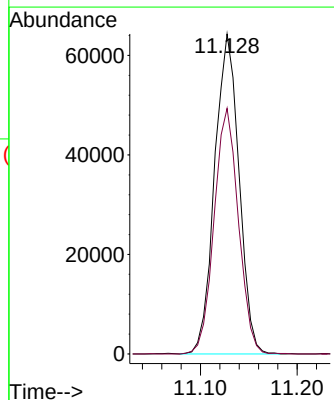
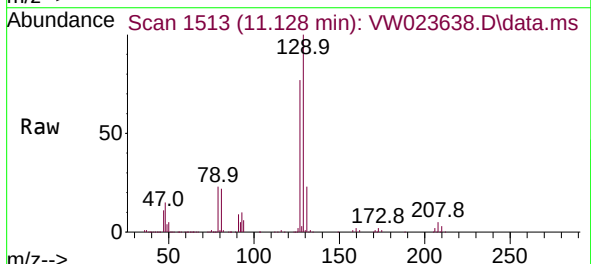
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

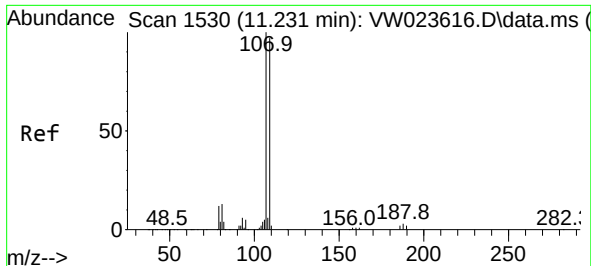
Tgt Ion:	43	Resp:	105182
Ion	Ratio	Lower	Upper
43	100		
58	52.0	43.7	65.5
57	18.9	15.7	23.5
100	12.8	11.0	16.4



#49
Dibromochloromethane
Concen: 26.288 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion:	129	Resp:	112453
Ion	Ratio	Lower	Upper
129	100		
127	76.7	52.7	97.9





#50

1,2-Dibromoethane

Concen: 25.793 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

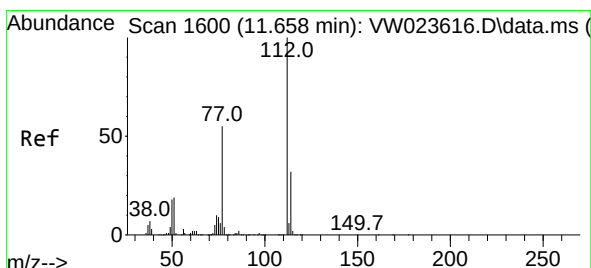
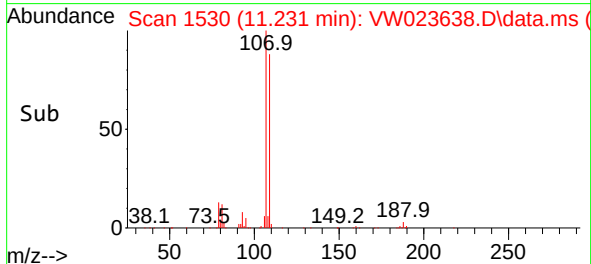
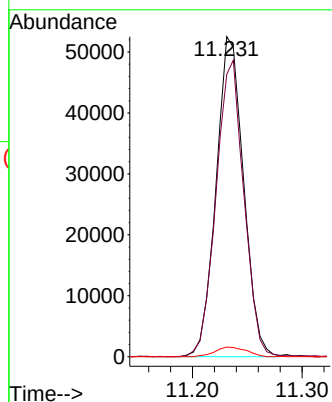
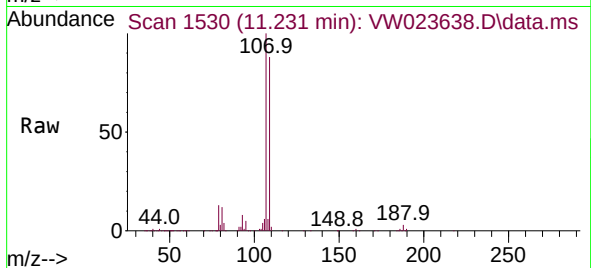
Tgt Ion:107 Resp: 91498

Ion Ratio Lower Upper

107 100

109 88.3 67.2 124.8

188 3.0 2.7 4.1



#51

Chlorobenzene

Concen: 25.384 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

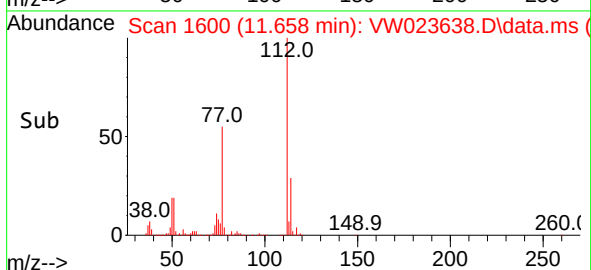
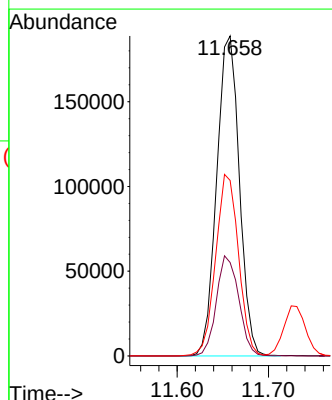
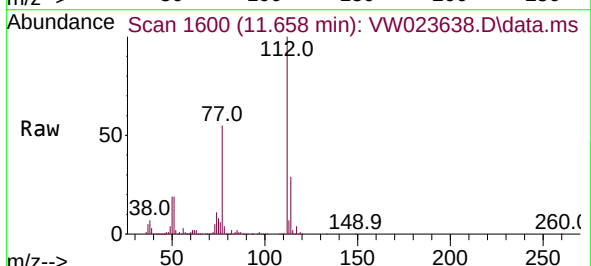
Tgt Ion:112 Resp: 325618

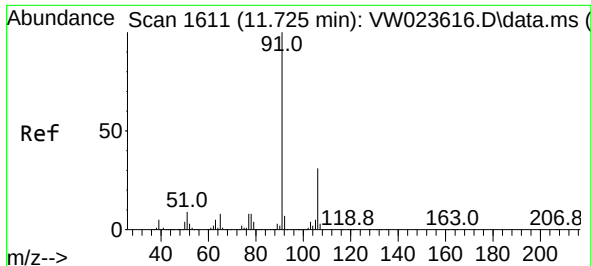
Ion Ratio Lower Upper

112 100

114 29.2 23.1 42.9

77 54.9 44.2 66.4

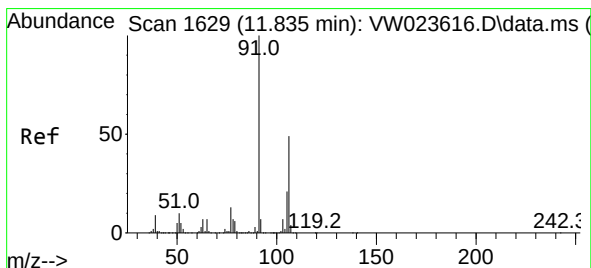
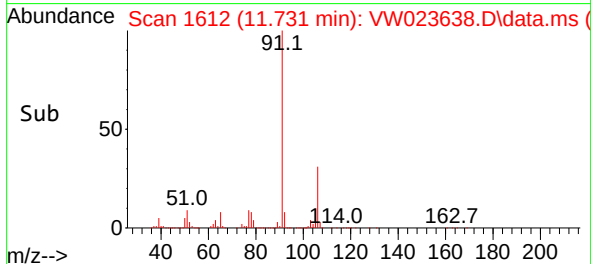
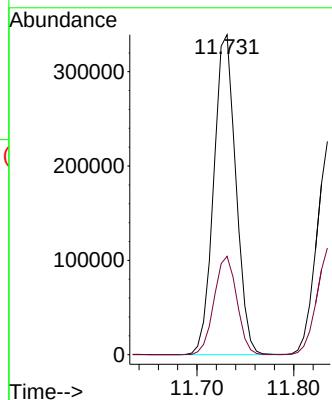
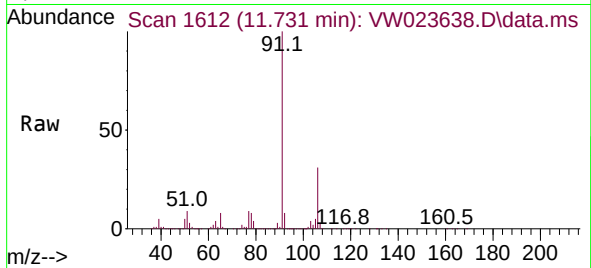




#52
Ethylbenzene
Concen: 25.322 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

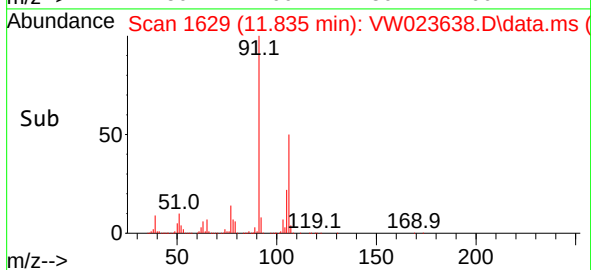
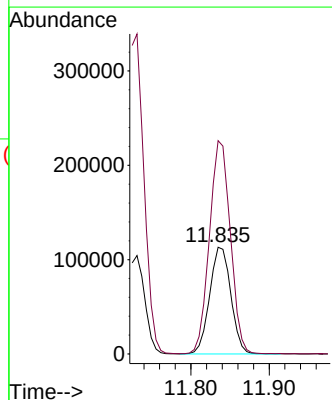
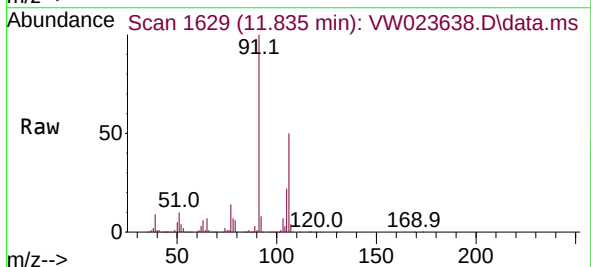
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

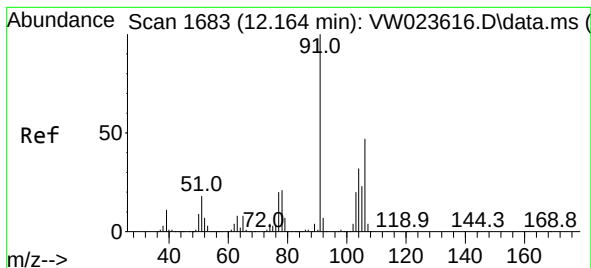
Tgt Ion: 91 Resp: 538665
Ion Ratio Lower Upper
91 100
106 30.7 21.4 39.8



#53
m,p-Xylene
Concen: 25.687 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion:106 Resp: 211977
Ion Ratio Lower Upper
106 100
91 199.9 140.8 261.6





#54

o-Xylene

Concen: 25.814 ug/L

RT: 12.164 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

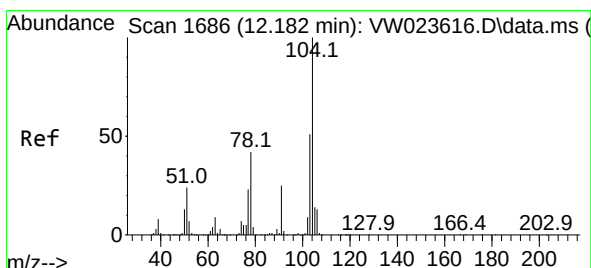
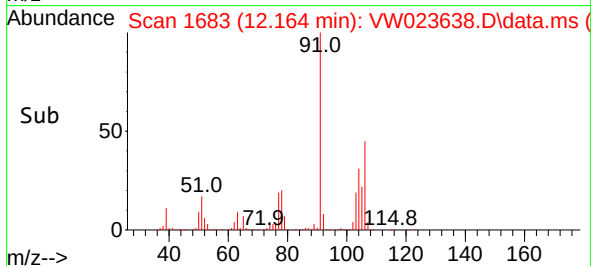
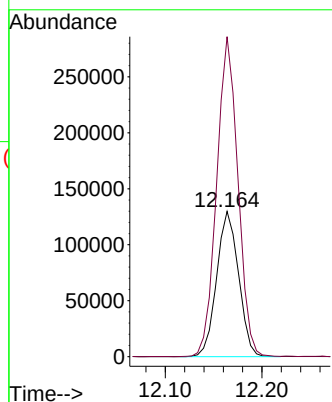
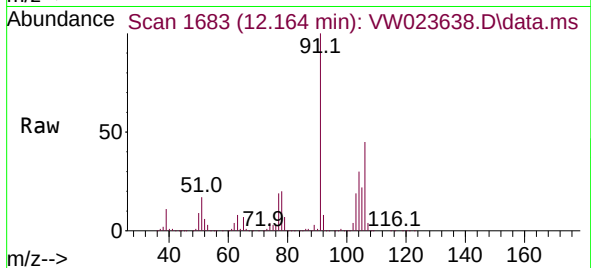
VSTD025598

Tgt Ion:106 Resp: 204004

Ion Ratio Lower Upper

106 100

91 220.3 149.3 277.3



#55

Styrene

Concen: 27.554 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. -0.006 min

Lab File: VW023638.D

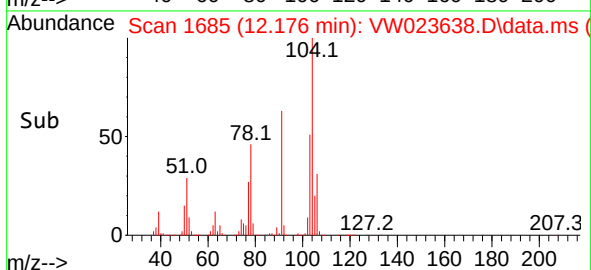
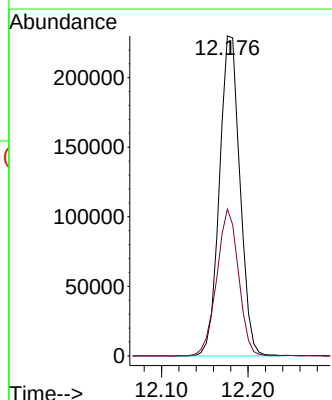
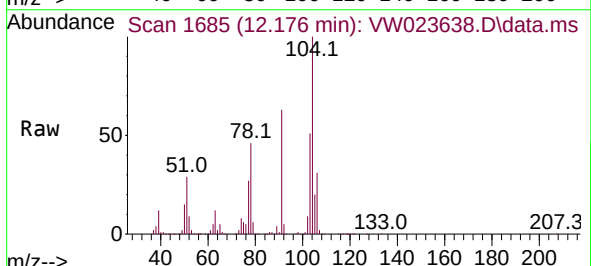
Acq: 13 Jul 2022 05:37

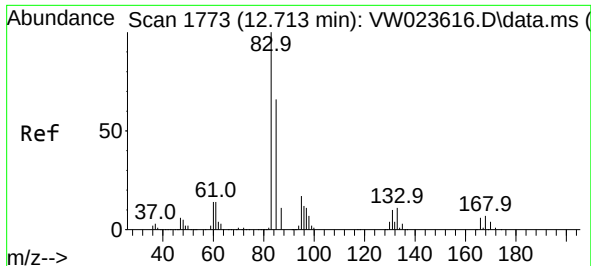
Tgt Ion:104 Resp: 378667

Ion Ratio Lower Upper

104 100

78 45.9 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 26.110 ug/L

RT: 12.713 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

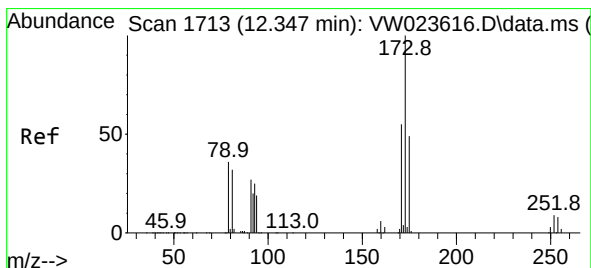
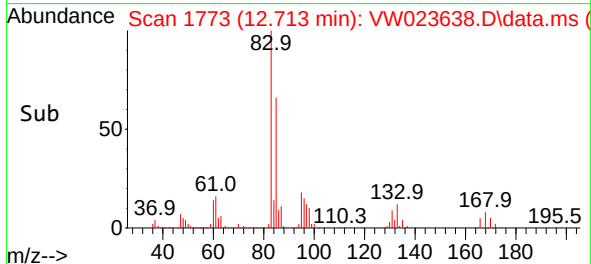
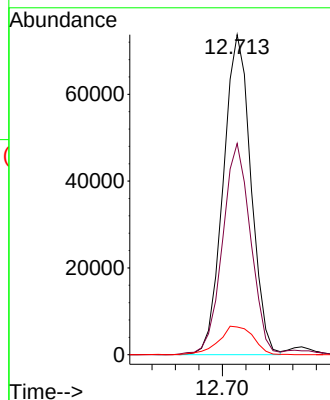
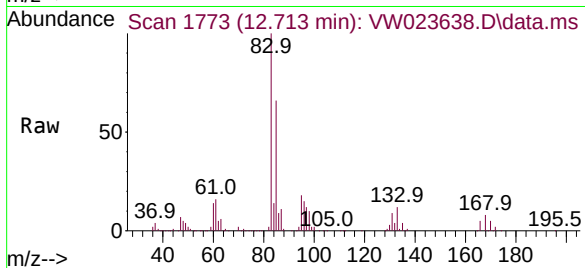
Tgt Ion: 83 Resp: 120722

Ion Ratio Lower Upper

83 100

85 66.0 44.0 81.6

131 8.6 8.5 12.7



#59

Bromoform

Concen: 24.383 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

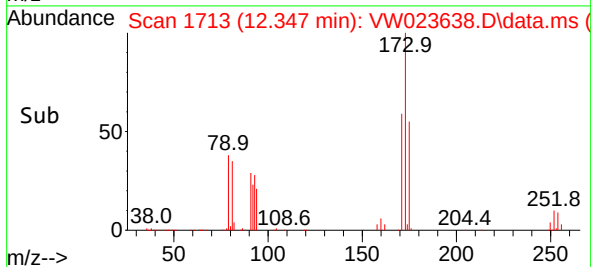
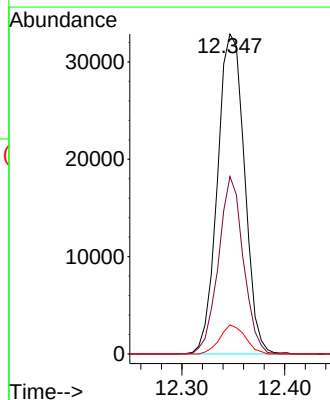
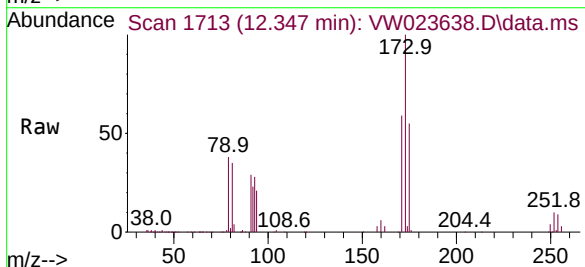
Tgt Ion: 173 Resp: 60005

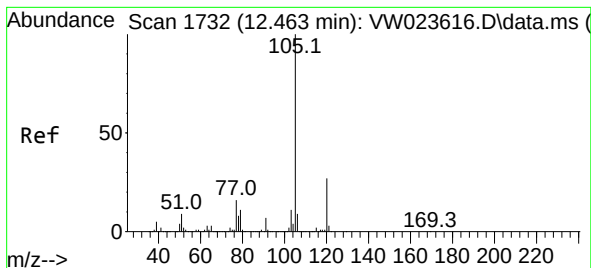
Ion Ratio Lower Upper

173 100

175 51.1 37.9 56.9

254 8.5 7.0 10.4





#60

Isopropylbenzene

Concen: 25.412 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

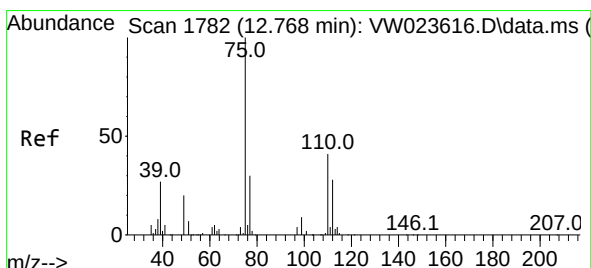
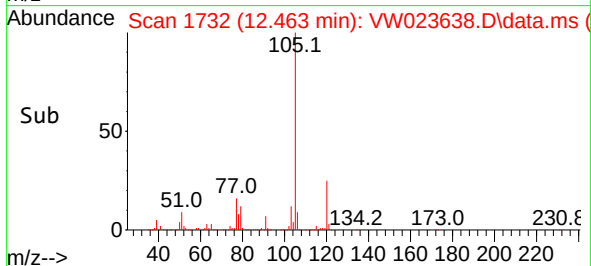
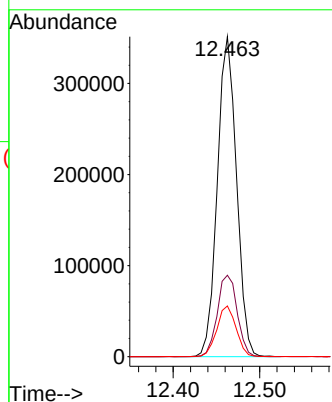
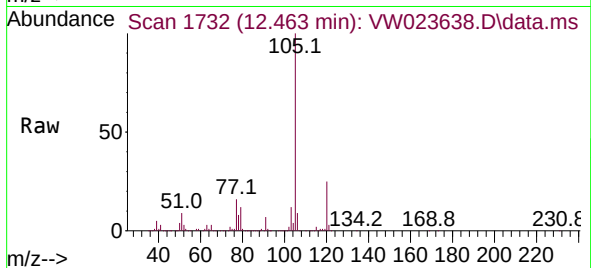
Tgt Ion:105 Resp: 540290

Ion Ratio Lower Upper

105 100

120 26.4 21.3 31.9

77 16.0 12.4 18.6



#61

1,2,3-Trichloropropane

Concen: 26.162 ug/L

RT: 12.767 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

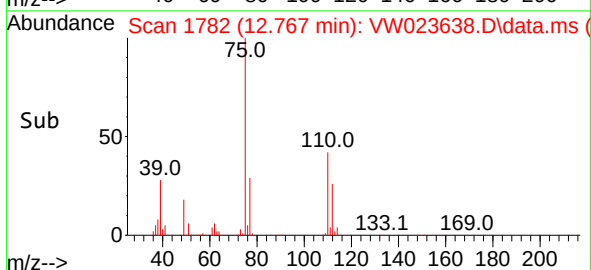
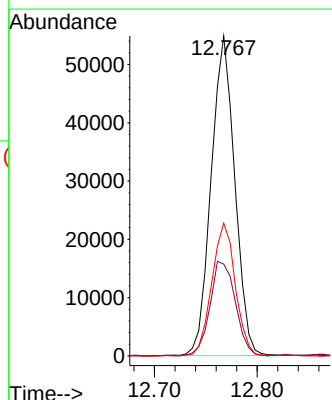
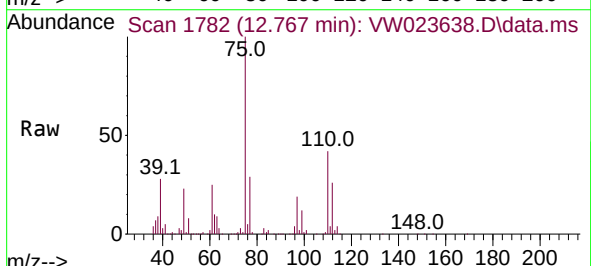
Tgt Ion: 75 Resp: 87495

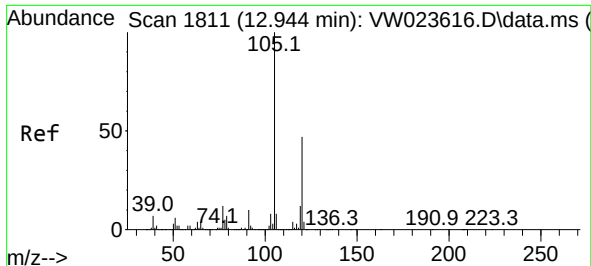
Ion Ratio Lower Upper

75 100

77 31.8 25.8 38.6

110 41.4 34.3 51.5

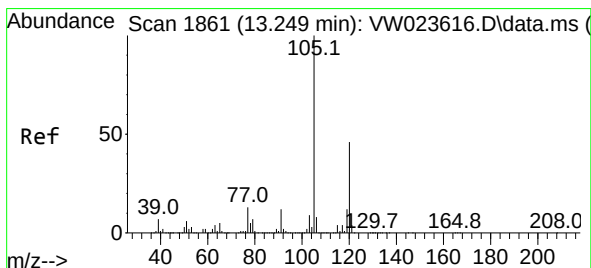
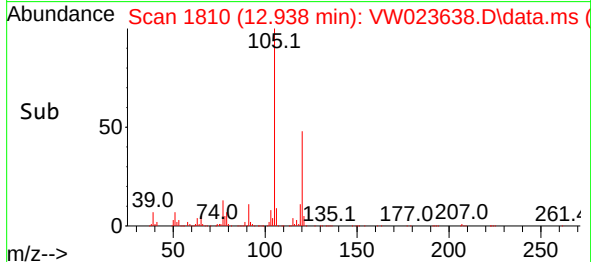
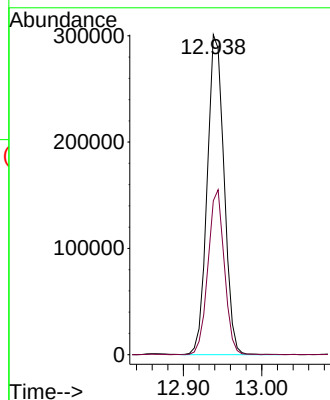
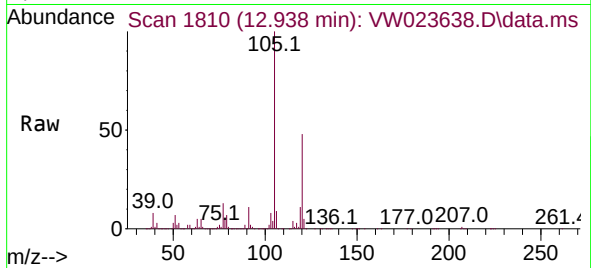




#62
1,3,5-Trimethylbenzene
Concen: 25.427 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

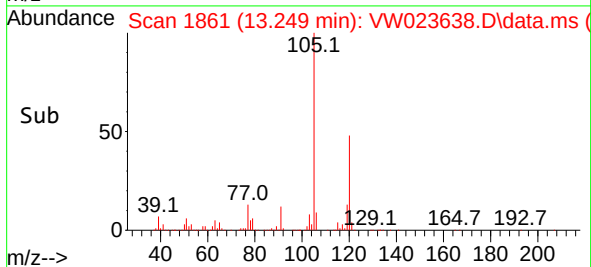
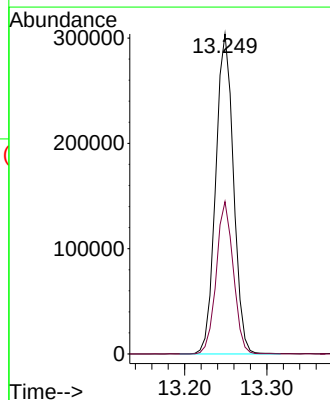
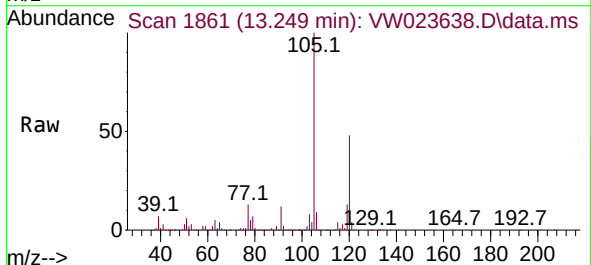
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

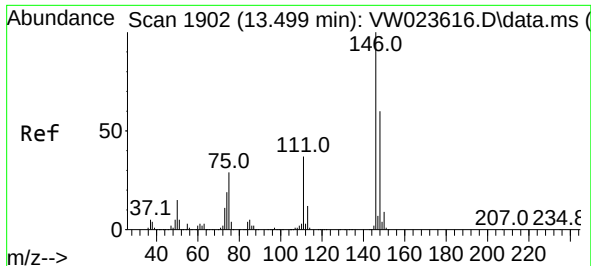
Tgt Ion:105 Resp: 448320
Ion Ratio Lower Upper
105 100
120 49.8 39.7 59.5



#63
1,2,4-Trimethylbenzene
Concen: 25.874 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion:105 Resp: 456347
Ion Ratio Lower Upper
105 100
120 45.7 36.9 55.3

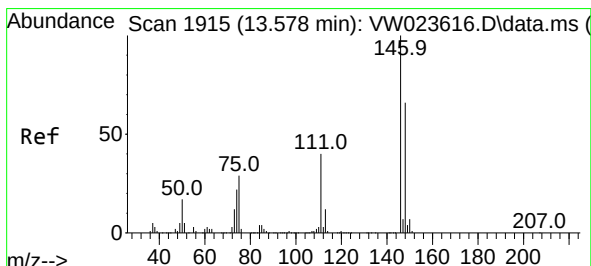
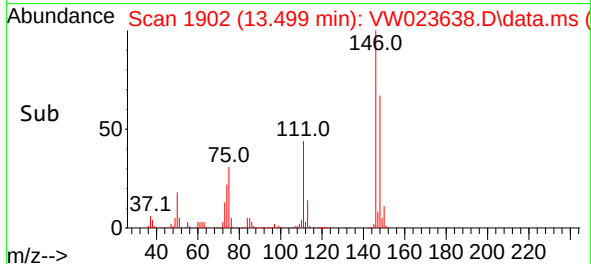
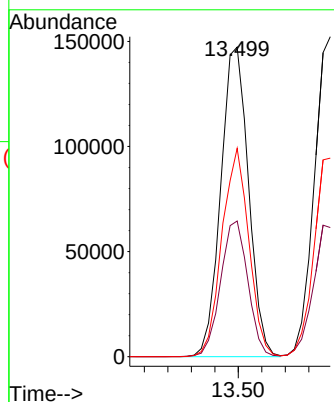
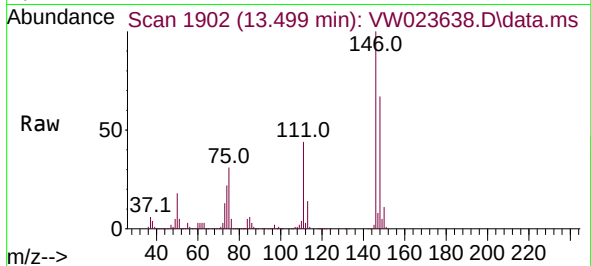




#64
1,3-Dichlorobenzene
Concen: 24.061 ug/L
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

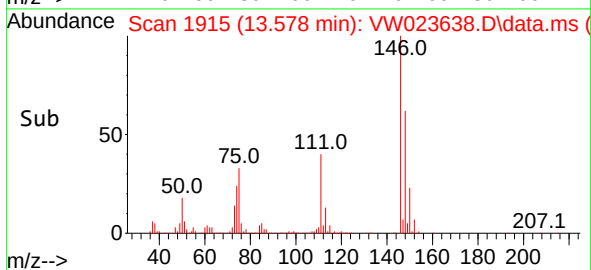
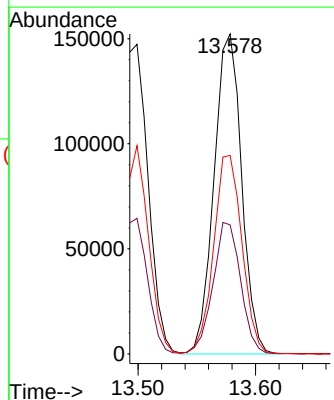
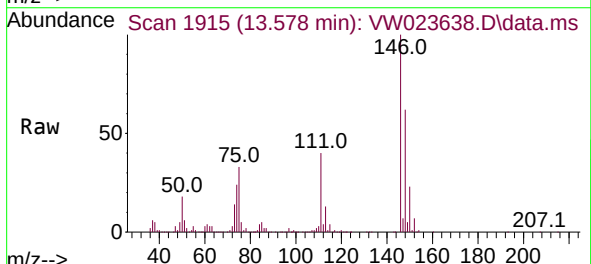
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598

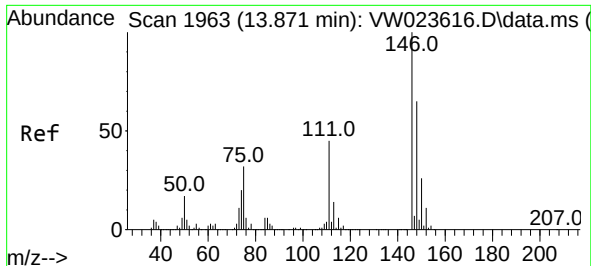
Tgt Ion:146 Resp: 241982
Ion Ratio Lower Upper
146 100
111 43.8 26.7 49.7
148 67.3 43.3 80.5



#65
1,4-Dichlorobenzene
Concen: 24.413 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

Tgt Ion:146 Resp: 249017
Ion Ratio Lower Upper
146 100
111 40.4 28.2 52.4
148 62.0 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.999 ug/L

RT: 13.865 min Scan# 1963

Delta R.T. -0.006 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

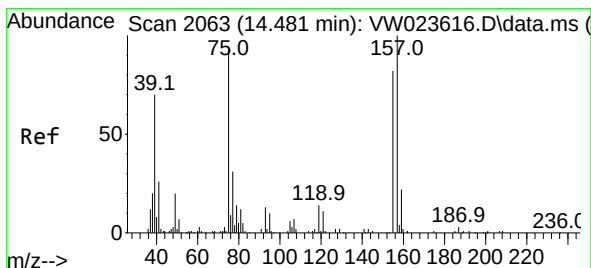
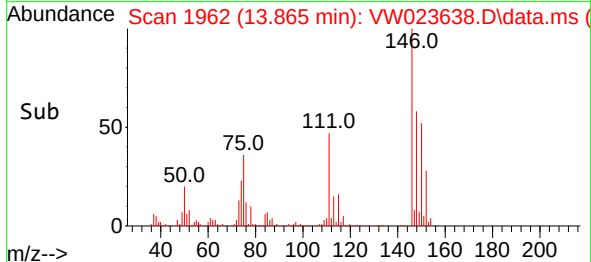
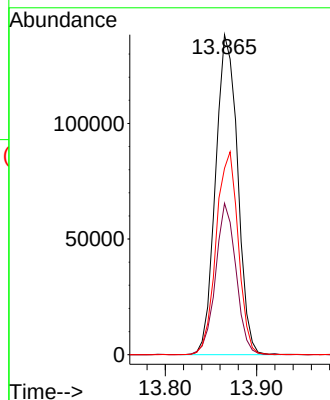
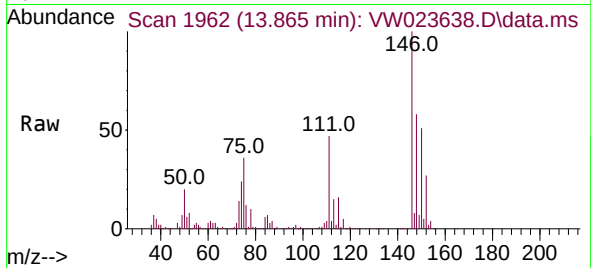
Tgt Ion:146 Resp: 231853

Ion Ratio Lower Upper

146 100

111 47.3 30.6 45.8#

148 58.3 49.9 74.9



#68

1,2-Dibromo-3-chloropropane

Concen: 24.322 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

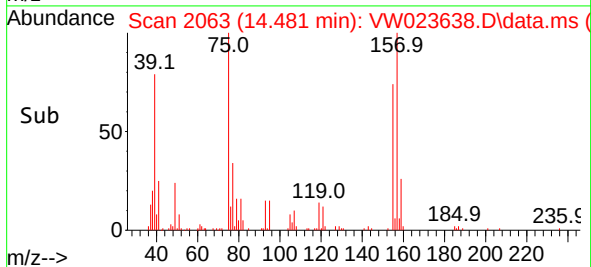
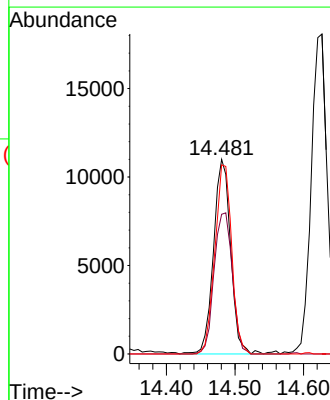
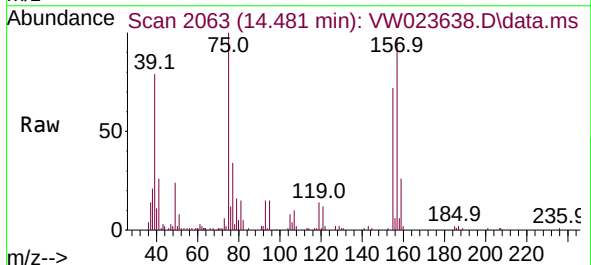
Tgt Ion: 75 Resp: 19169

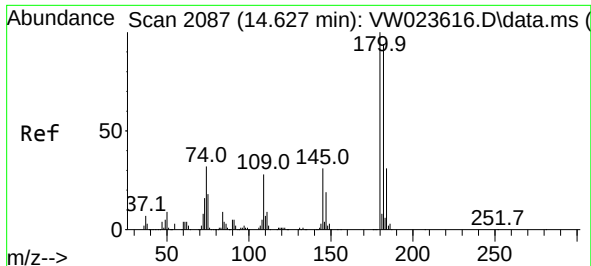
Ion Ratio Lower Upper

75 100

155 71.8 63.8 95.6

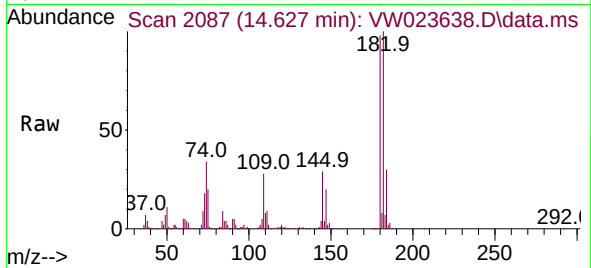
157 97.2 85.0 127.4



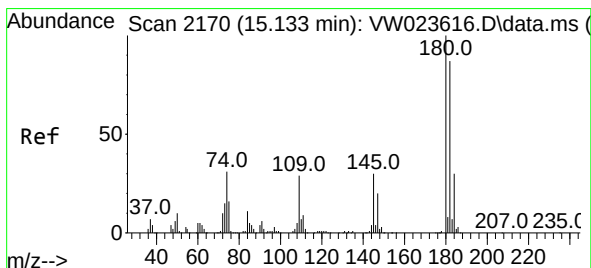
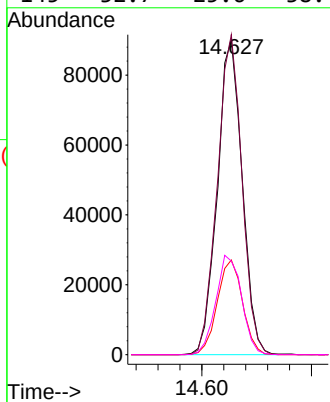
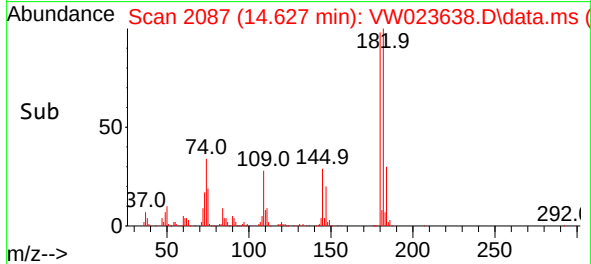


#69
1,3,5-Trichlorobenzene
Concen: 21.729 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37

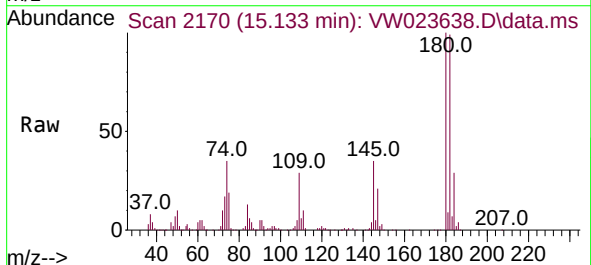
Instrument :
MSVOA_W
ClientSampleId :
VSTD025598



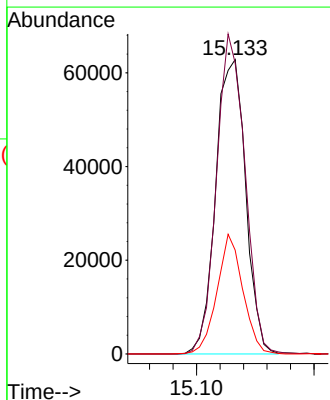
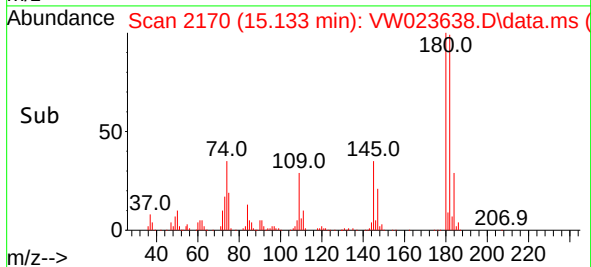
Tgt Ion:180 Resp: 141796
Ion Ratio Lower Upper
180 100
182 100.4 75.5 113.3
184 30.6 24.6 36.8
145 32.7 25.6 38.4

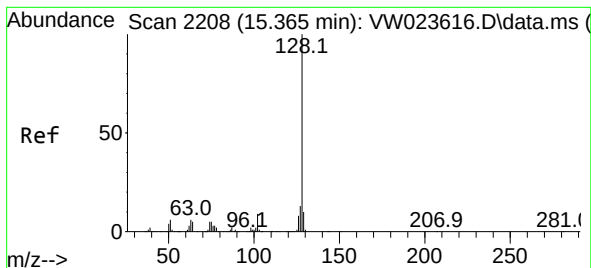


#70
1,2,4-trichlorobenzene
Concen: 21.138 ug/L
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW023638.D
Acq: 13 Jul 2022 05:37



Tgt Ion:180 Resp: 111453
Ion Ratio Lower Upper
180 100
182 103.3 77.0 115.4
145 35.1 26.1 39.1





#71

Naphthalene

Concen: 24.157 ug/L

RT: 15.365 min Scan# 21

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Instrument :

MSVOA_W

ClientSampleId :

VSTD025598

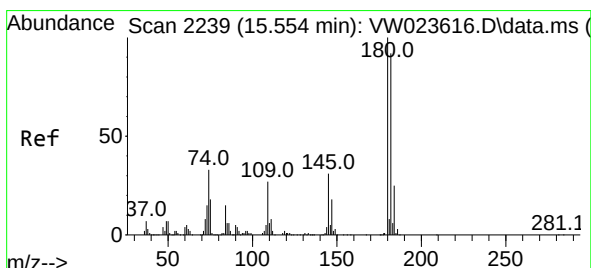
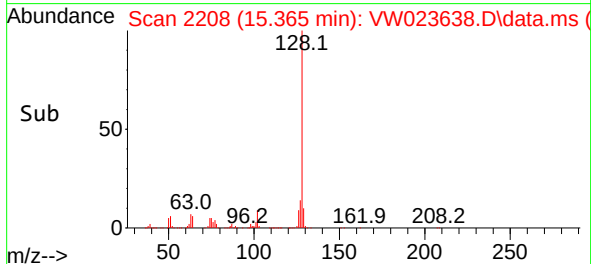
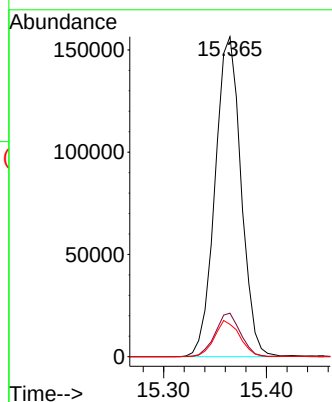
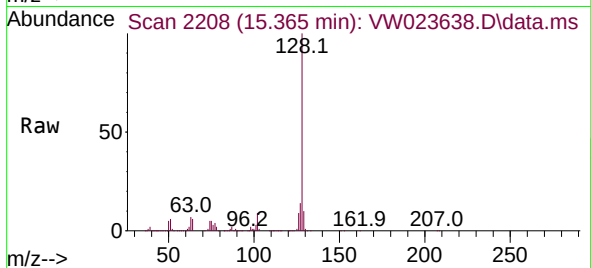
Tgt Ion:128 Resp: 274947

Ion Ratio Lower Upper

128 100

127 13.4 10.6 16.0

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.022 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. -0.000 min

Lab File: VW023638.D

Acq: 13 Jul 2022 05:37

Tgt Ion:180 Resp: 112523

Ion Ratio Lower Upper

180 100

182 95.0 75.6 113.4

145 35.2 28.2 42.2

