

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020322\
 Data File : VW022065.D
 Acq On : 03 Feb 2022 09:37
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 04 00:57:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 03 01:57:48 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	165418	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	152875	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	82996	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48368	24.275	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.080%
7) Chloroethane-d5	2.879	69	39444	25.714	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	102.840%
11) 1,1-Dichloroethene-d2	4.019	63	76479	21.725	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	7.080	46	16623	47.036	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.080%
24) Chloroform-d	7.647	84	88843	23.085	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	92.320%
26) 1,2-Dichloroethane-d4	8.305	65	44150	23.058	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.240%
32) Benzene-d6	8.275	84	174612	22.602	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	9.274	67	46427	22.094	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.360%
41) Toluene-d8	10.323	98	171822	22.441	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.760%
43) trans-1,3-Dichloroprop...	10.579	79	20425	22.193	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.760%
47) 2-Hexanone-d5	10.921	63	15697	51.380	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.760%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	40138	23.420	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	93.680%
66) 1,2-Dichlorobenzene-d4	13.853	152	66533	22.222	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	88.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11323	29.387	ug/L	95
3) Chloromethane	2.215	50	43590	25.074	ug/L	96
5) Vinyl chloride	2.361	62	60534	24.244	ug/L	99
6) Bromomethane	2.776	94	50049	23.573	ug/L	97
8) Chloroethane	2.916	64	33390	26.024	ug/L	98
9) Trichlorofluoromethane	3.257	101	40437	21.453	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46744	23.406	ug/L #	64
12) 1,1-Dichloroethene	4.038	96	43319	23.504	ug/L	93
13) Acetone	4.141	43	16759	50.775	ug/L	98
14) Carbon disulfide	4.379	76	120560	22.426	ug/L	100
15) Methyl Acetate	4.672	43	13853	22.951	ug/L #	84
16) Methylene chloride	4.915	84	42847	22.229	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	46863	22.802	ug/L	95
18) Methyl tert-butyl Ether	5.428	73	60942	23.126	ug/L	99
19) 1,1-Dichloroethane	6.214	63	73870	23.199	ug/L	95
20) cis-1,2-Dichloroethene	7.171	96	49711	23.571	ug/L	100
22) 2-Butanone	7.177	43	22283	52.142	ug/L	73
23) Bromochloromethane	7.519	128	23788	22.906	ug/L	90
25) Chloroform	7.677	83	86099	23.888	ug/L	99

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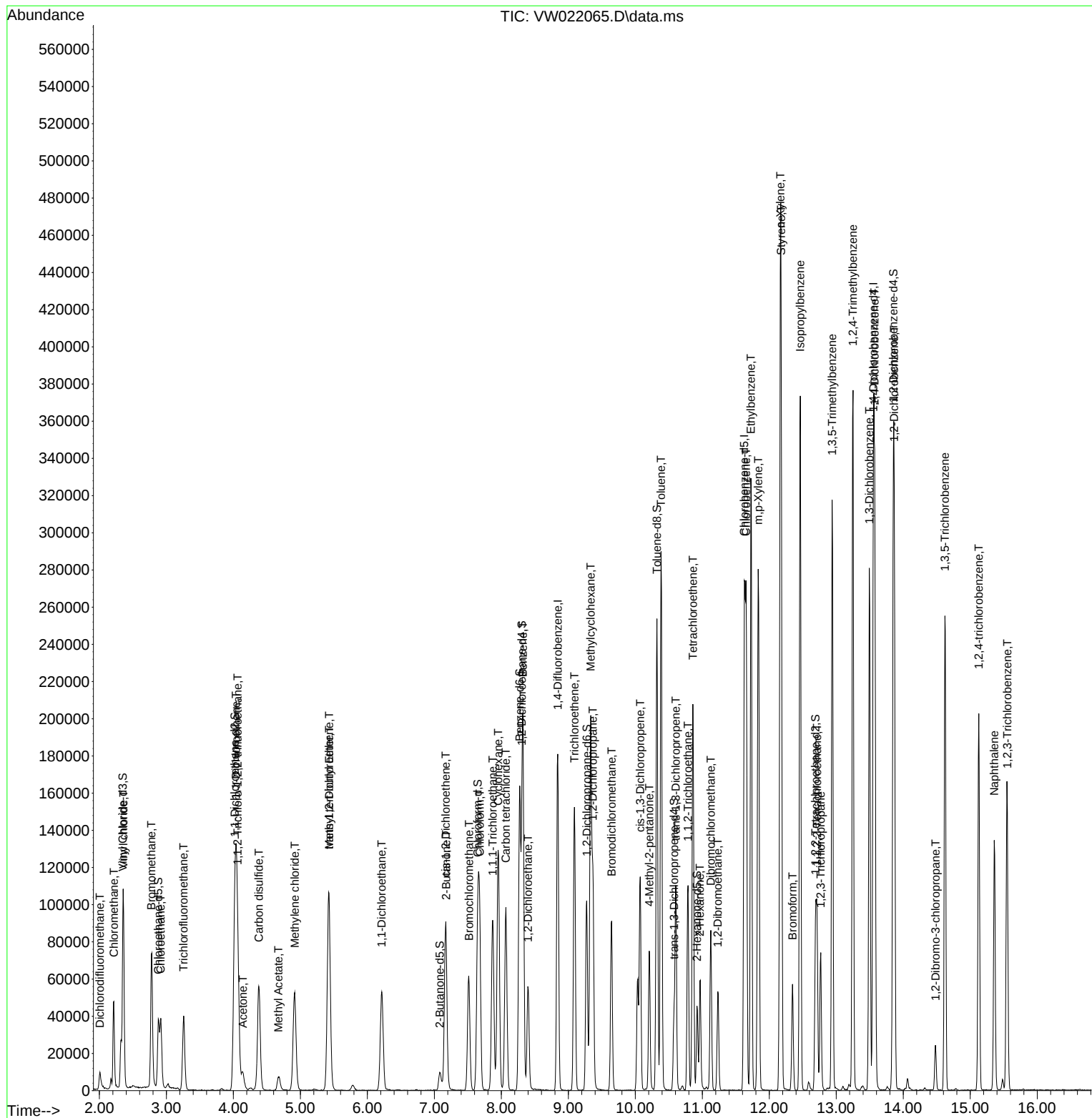
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	51409	24.231	ug/L	96
29) Cyclohexane	7.952	56	69535	23.171	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	75043	22.181	ug/L	98
31) Carbon tetrachloride	8.067	117	73388	22.162	ug/L	96
33) Benzene	8.323	78	181730	22.673	ug/L	100
34) Trichloroethene	9.092	95	51475	22.588	ug/L	92
35) Methylcyclohexane	9.335	83	87491	22.756	ug/L	99
37) 1,2-Dichloropropane	9.366	63	40487	22.998	ug/L	98
38) Bromodichloromethane	9.646	83	58488	23.264	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	67074	23.755	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	44575	51.608	ug/L	98
42) Toluene	10.384	91	214488	23.607	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	59023	24.249	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	34461	23.031	ug/L	96
46) Tetrachloroethene	10.860	164	45827	21.574	ug/L	98
48) 2-Hexanone	10.963	43	34006	52.896	ug/L	97
49) Dibromochloromethane	11.128	129	45301	24.042	ug/L	93
50) 1,2-Dibromoethane	11.231	107	34676	23.407	ug/L	95
51) Chlorobenzene	11.652	112	141155	22.828	ug/L	97
52) Ethylbenzene	11.725	91	234472	23.390	ug/L	100
53) m,p-Xylene	11.835	106	98231	23.618	ug/L	99
54) o-Xylene	12.164	106	91003	23.390	ug/L	100
55) Styrene	12.176	104	153261	24.386	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.713	83	39581	24.303	ug/L	94
59) Bromoform	12.347	173	24593	22.436	ug/L #	95
60) Isopropylbenzene	12.463	105	249959	23.051	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	28445	23.526	ug/L	100
62) 1,3,5-Trimethylbenzene	12.938	105	170019	23.641	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	210359	24.008	ug/L	99
64) 1,3-Dichlorobenzene	13.493	146	118057	22.724	ug/L	97
65) 1,4-Dichlorobenzene	13.572	146	117759	22.644	ug/L	99
67) 1,2-Dichlorobenzene	13.865	146	103305	22.372	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.481	75	5582	22.692	ug/L	92
69) 1,3,5-Trichlorobenzene	14.621	180	83465	22.345	ug/L	96
70) 1,2,4-trichlorobenzene	15.127	180	64317	21.678	ug/L	96
71) Naphthalene	15.359	128	115974	23.958	ug/L	99
72) 1,2,3-Trichlorobenzene	15.554	180	55508	21.889	ug/L	99

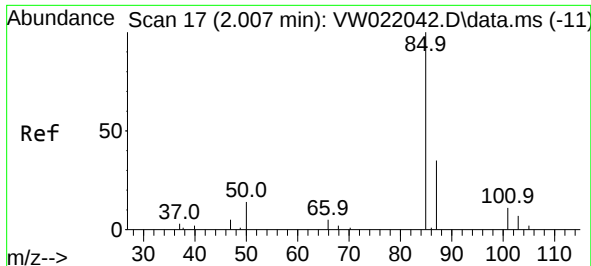
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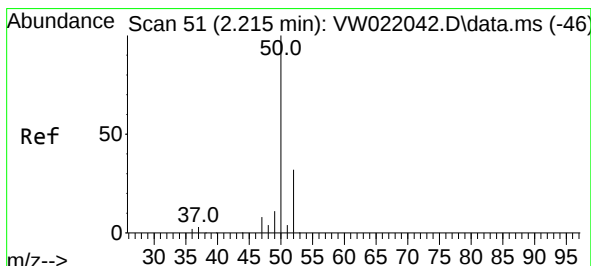
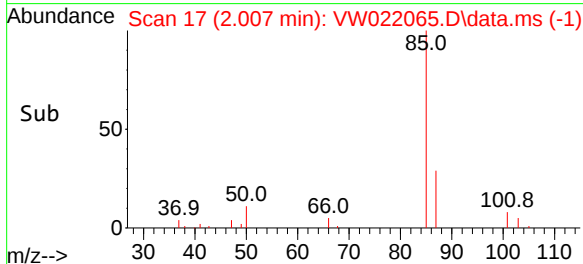
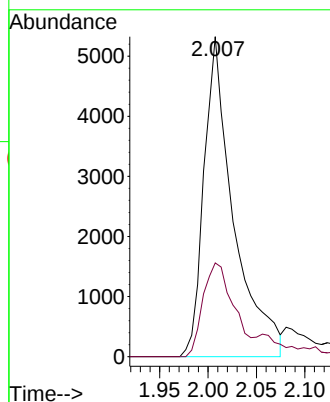
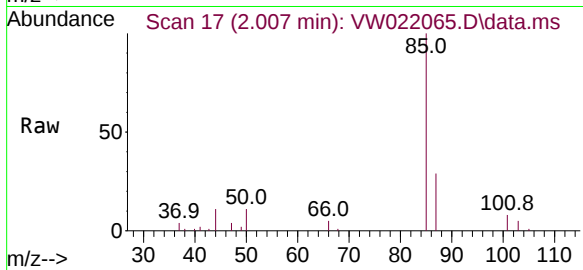




#2
 Dichlorodifluoromethane
 Concen: 29.387 ug/L
 RT: 2.007 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

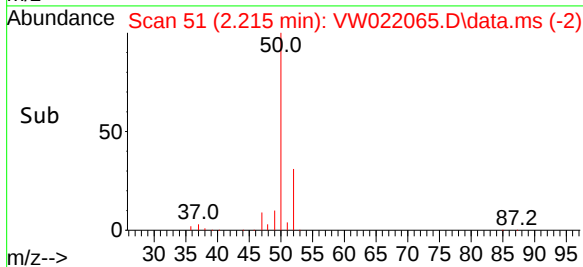
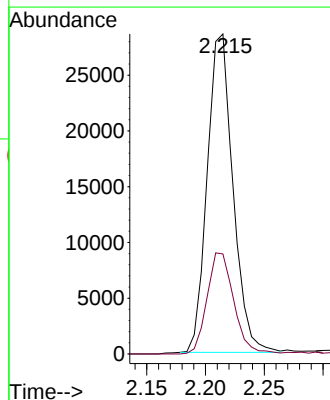
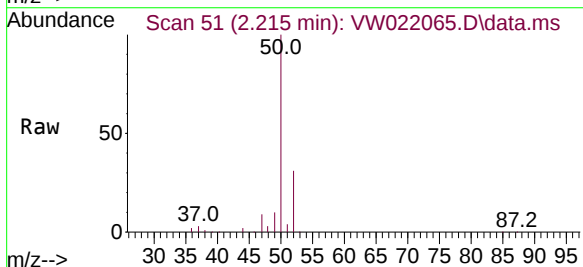
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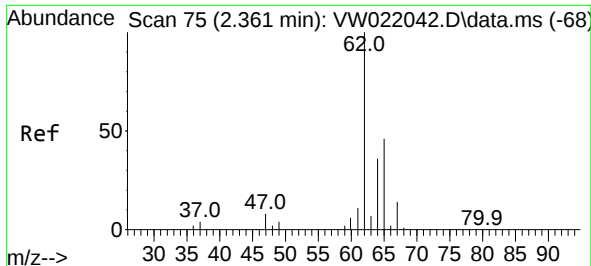
Tgt Ion: 85 Resp: 11323
 Ion Ratio Lower Upper
 85 100
 87 30.2 26.2 39.4



#3
 Chloromethane
 Concen: 25.074 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

Tgt Ion: 50 Resp: 43590
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.3 43.3

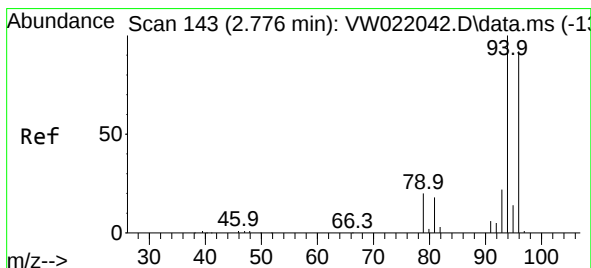
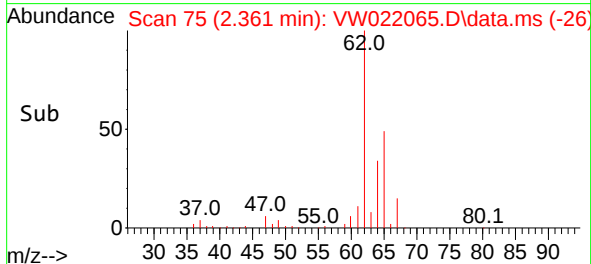
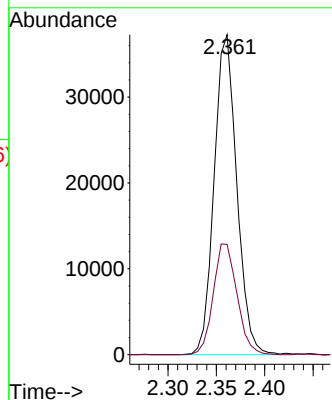
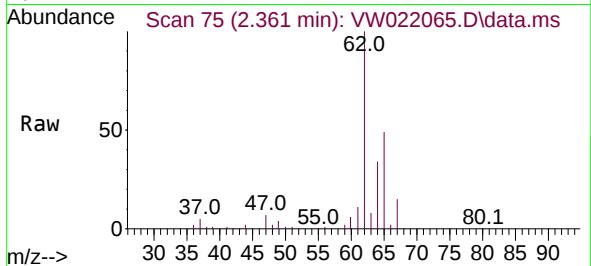




#5
 Vinyl chloride
 Concen: 24.244 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

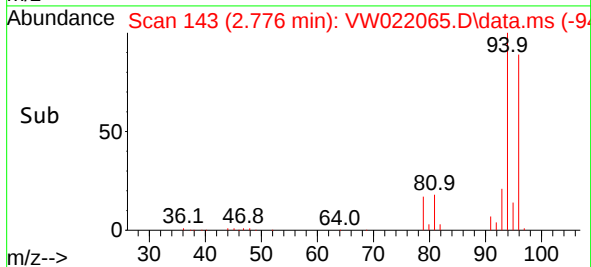
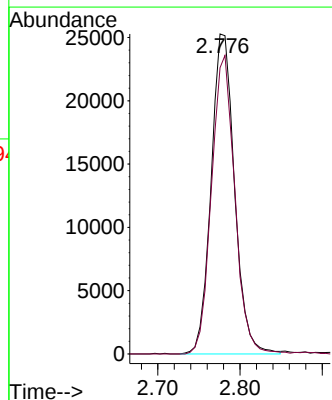
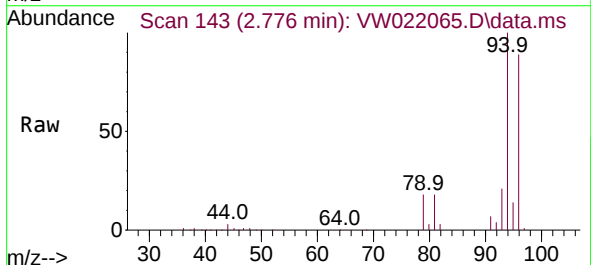
Instrument :
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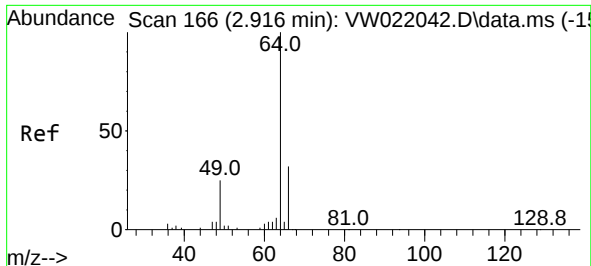
Tgt Ion: 62 Resp: 60534
 Ion Ratio Lower Upper
 62 100
 64 34.5 24.6 45.6



#6
 Bromomethane
 Concen: 23.573 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

Tgt Ion: 94 Resp: 50049
 Ion Ratio Lower Upper
 94 100
 96 89.4 64.6 120.0

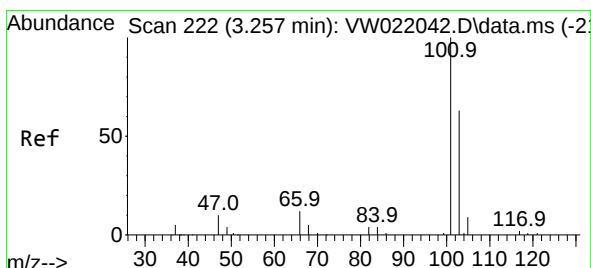
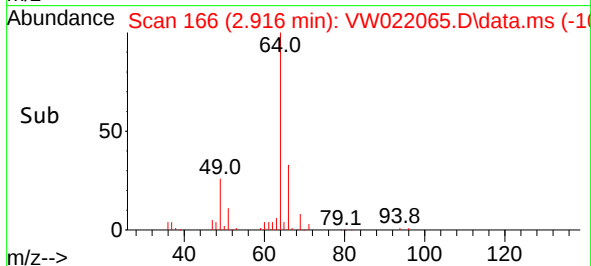
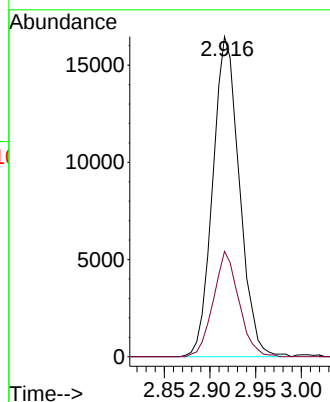
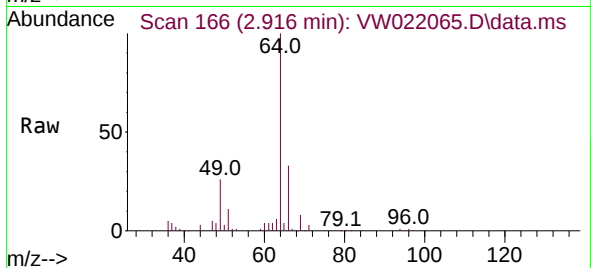




#8
Chloroethane
Concen: 26.024 ug/L
RT: 2.916 min Scan# 166
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

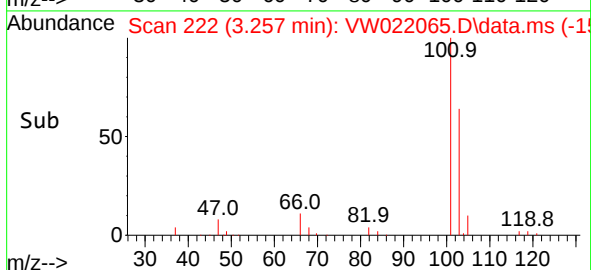
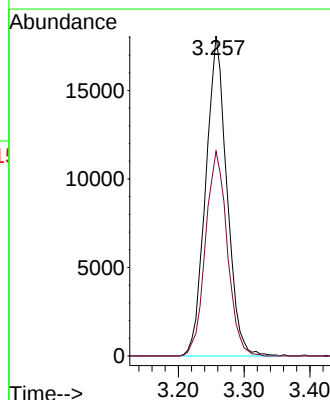
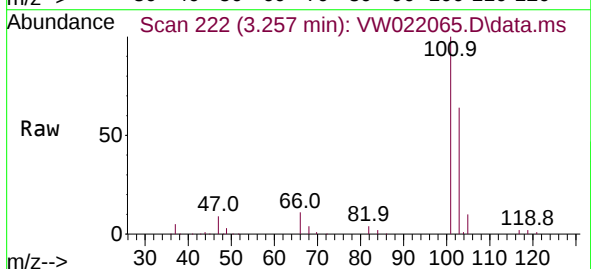
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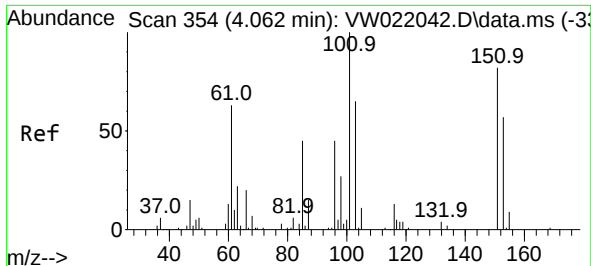
Tgt Ion: 64 Resp: 33390
Ion Ratio Lower Upper
64 100
66 32.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 21.453 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion:101 Resp: 40437
Ion Ratio Lower Upper
101 100
103 65.8 52.9 79.3

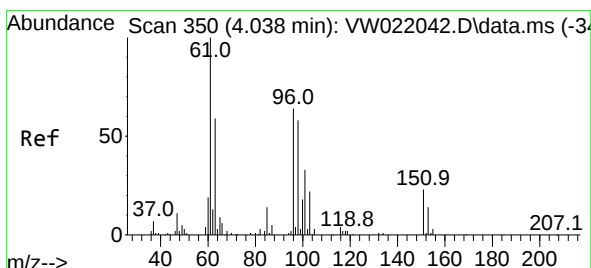
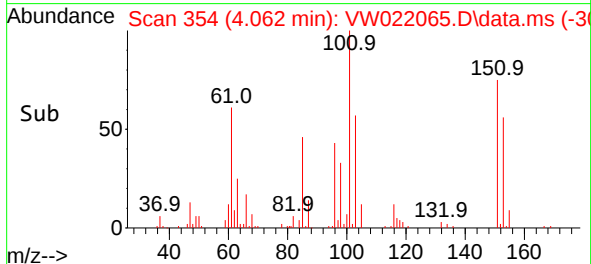
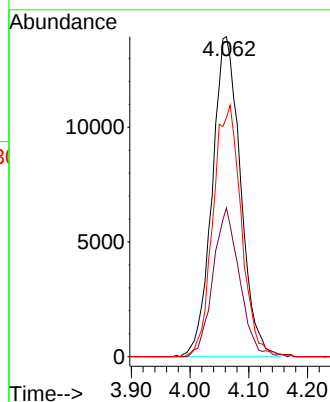
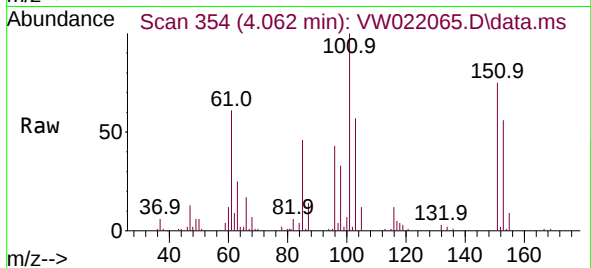




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.406 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

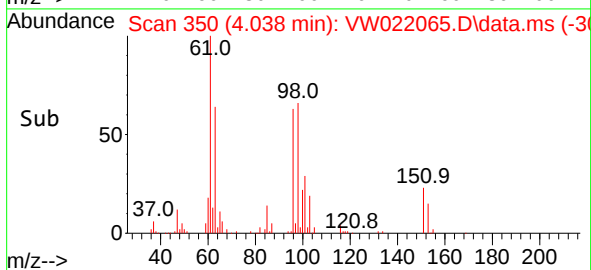
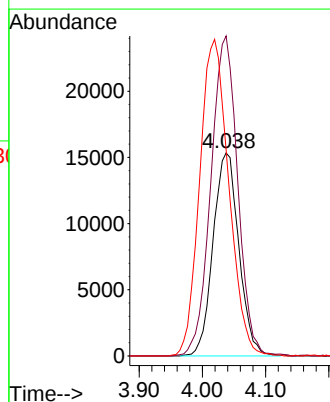
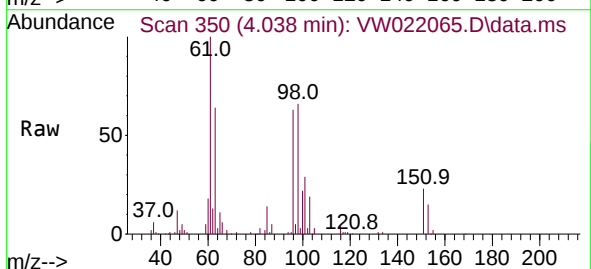
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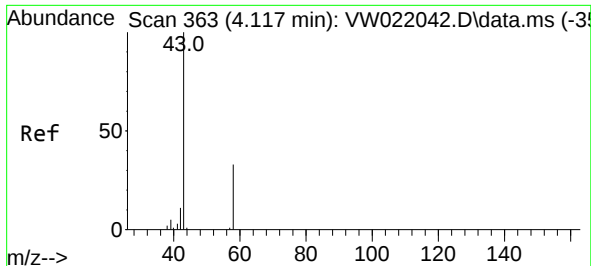
Tgt Ion:101 Resp: 46744
 Ion Ratio Lower Upper
 101 100
 85 42.8 36.8 55.2
 151 32.9 64.1 96.1#



#12
 1,1-Dichloroethene
 Concen: 23.504 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW022065.D
 Acq: 03 Feb 2022 09:37

Tgt Ion: 96 Resp: 43319
 Ion Ratio Lower Upper
 96 100
 61 157.6 111.5 207.1
 63 101.5 83.1 154.3





#13

Acetone

Concen: 50.775 ug/L

RT: 4.141 min Scan# 3

Delta R.T. 0.024 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

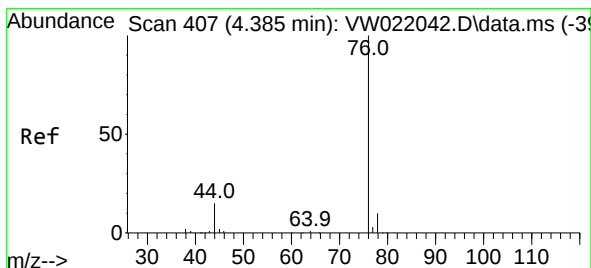
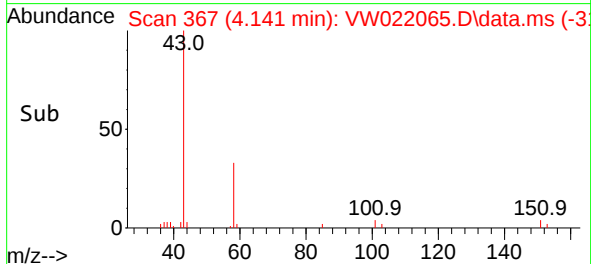
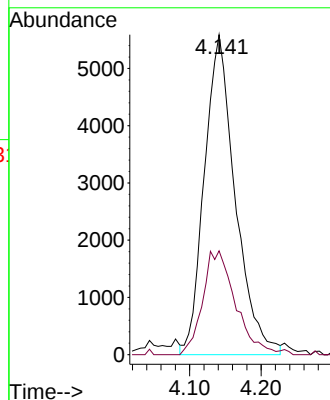
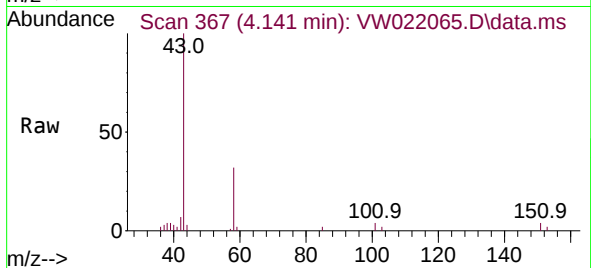
ClientSampleId :

Tgt Ion: 43 Resp: 16759

Ion Ratio Lower Upper

43 100

58 34.4 0.0 66.0



#14

Carbon disulfide

Concen: 22.426 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

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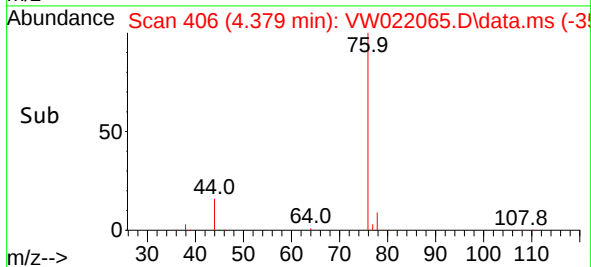
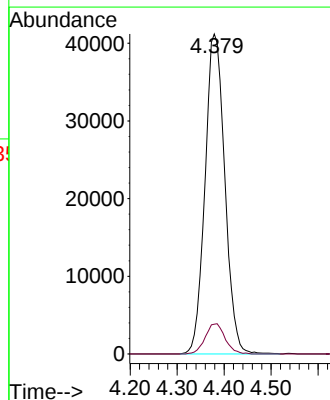
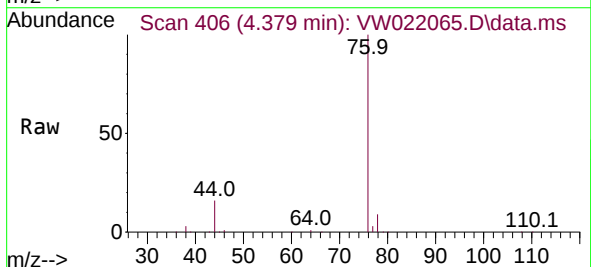
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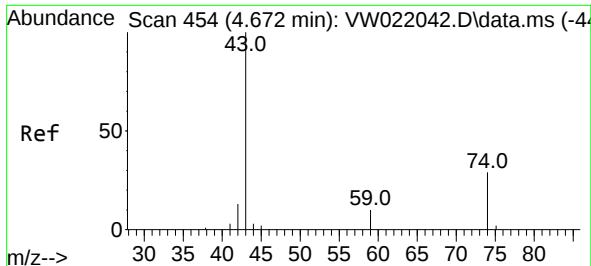
Tgt Ion: 76 Resp: 120560

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

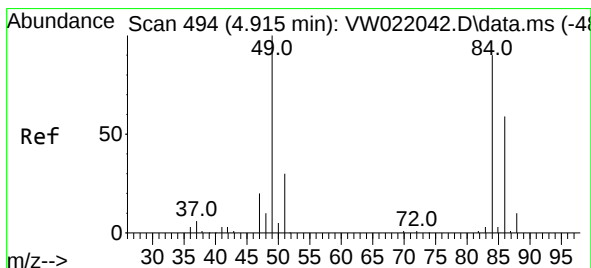
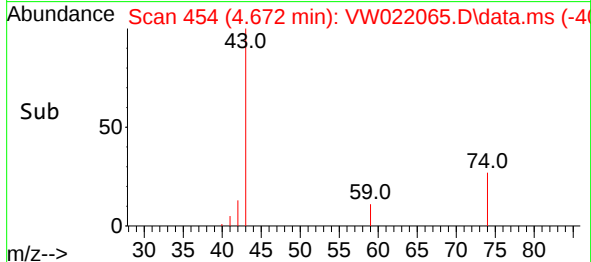
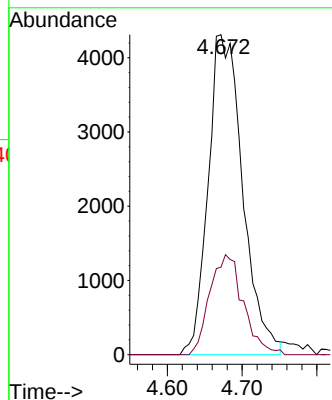
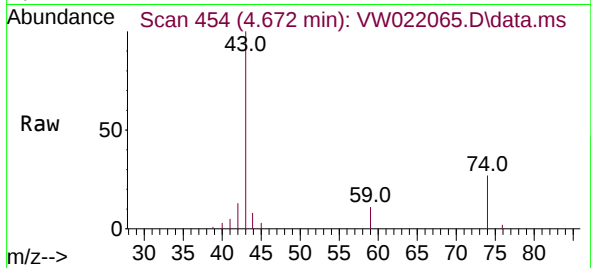




#15
Methyl Acetate
Concen: 22.951 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

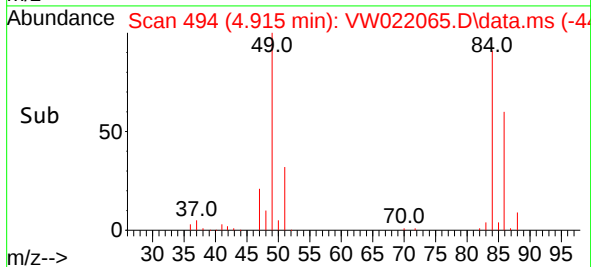
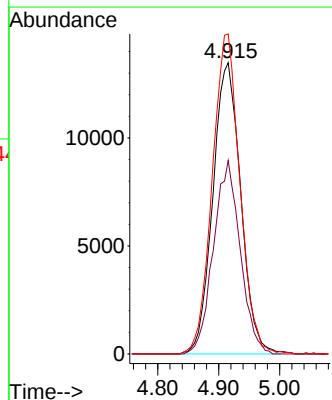
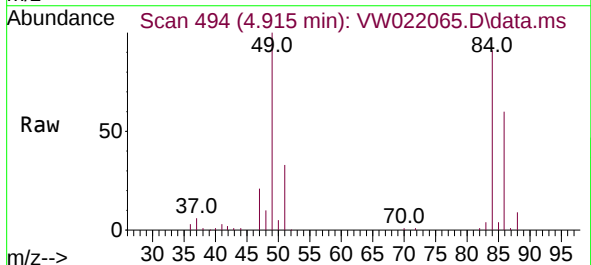
Instrument :
MSVOA_W
ClientSampleId :

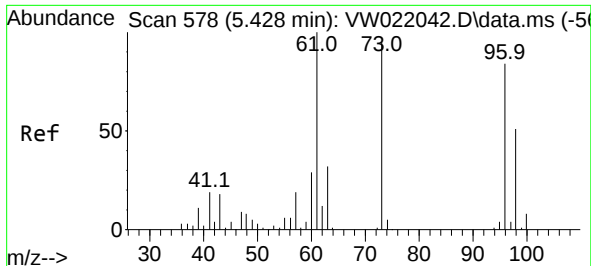
Tgt Ion: 43 Resp: 13853
Ion Ratio Lower Upper
43 100
74 30.1 18.0 27.0#



#16
Methylene chloride
Concen: 22.229 ug/L
RT: 4.915 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

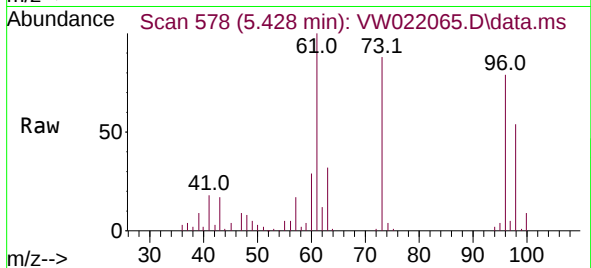
Tgt Ion: 84 Resp: 42847
Ion Ratio Lower Upper
84 100
86 66.4 44.1 81.9
49 109.9 74.7 138.7





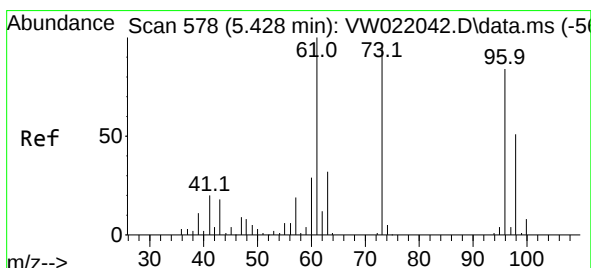
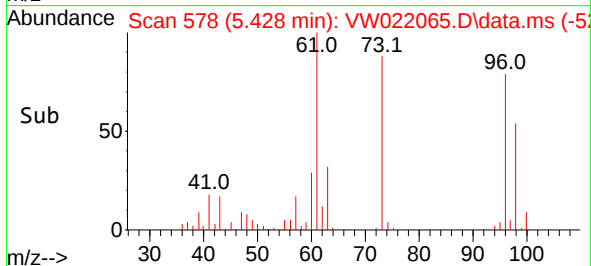
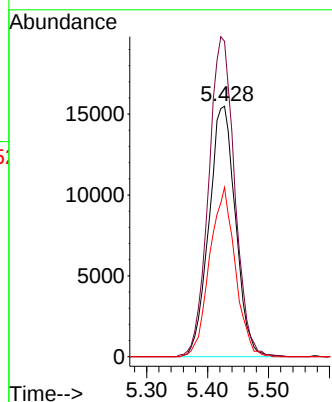
#17
trans-1,2-Dichloroethene
Concen: 22.802 ug/L
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 96 Resp: 46863

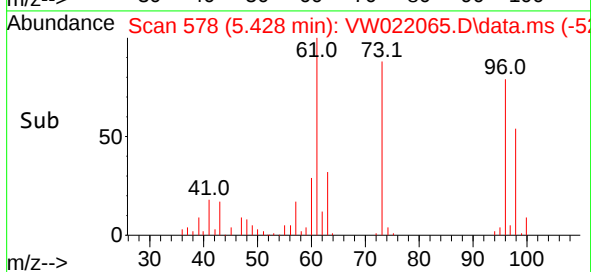
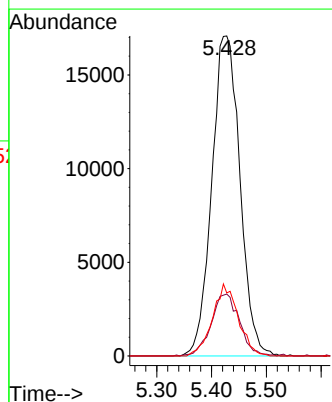
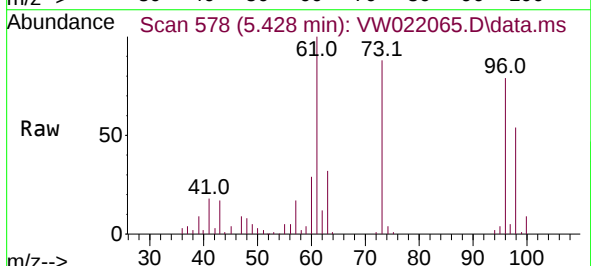
Ion	Ratio	Lower	Upper
96	100		
61	125.9	84.3	156.5
98	67.6	44.6	82.8

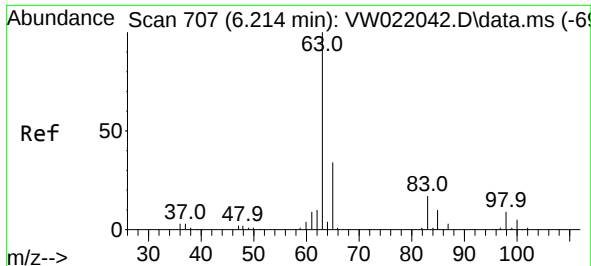


#18
Methyl tert-butyl Ether
Concen: 23.126 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 73 Resp: 60942

Ion	Ratio	Lower	Upper
73	100		
43	19.5	15.3	22.9
57	20.5	16.3	24.5





#19

1,1-Dichloroethane

Concen: 23.199 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022065.D

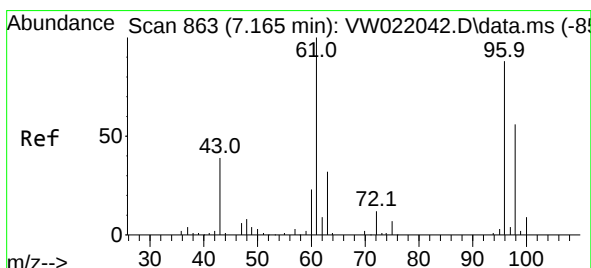
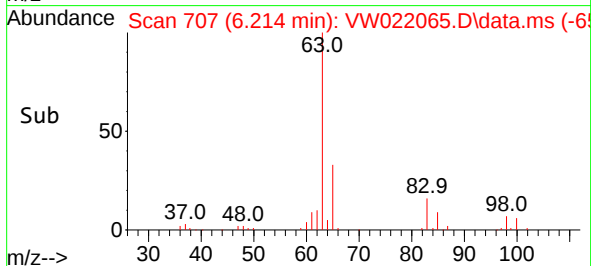
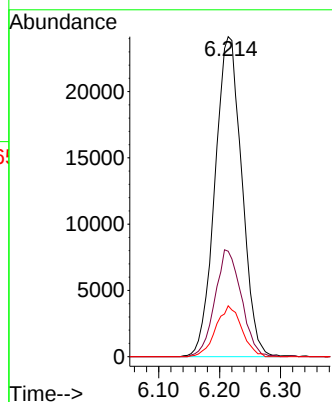
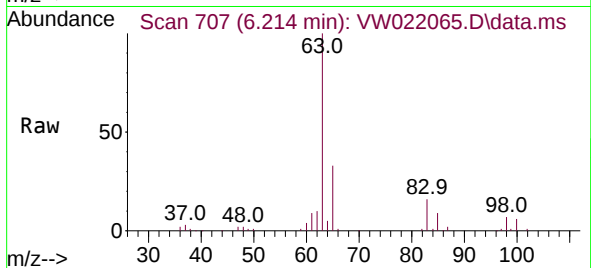
Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	63	Resp:	73870
Ion	Ratio	Lower	Upper
63	100		
65	33.0	20.9	38.7
83	15.9	10.2	19.0



#20

cis-1,2-Dichloroethene

Concen: 23.571 ug/L

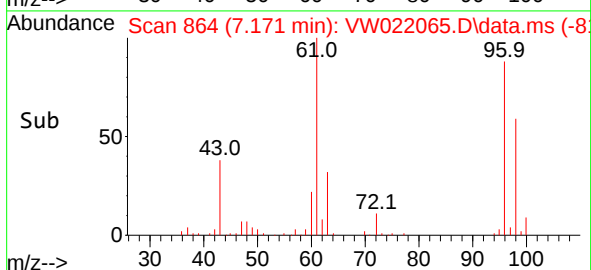
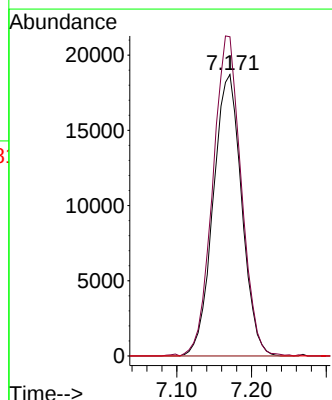
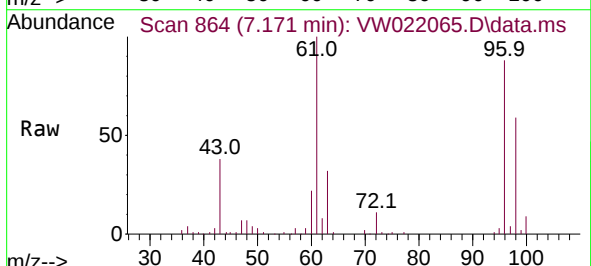
RT: 7.171 min Scan# 864

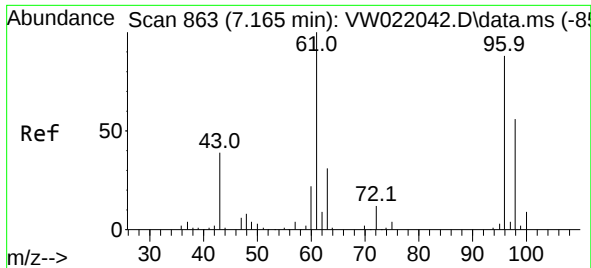
Delta R.T. 0.006 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Tgt Ion:	96	Resp:	49711
Ion	Ratio	Lower	Upper
96	100		
61	113.4	79.0	146.8
68	0.0	0.0	0.0

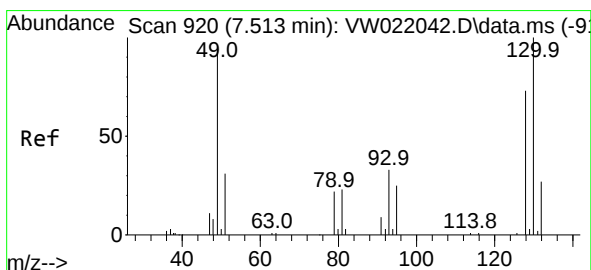
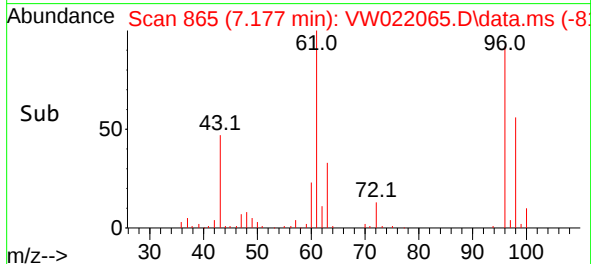
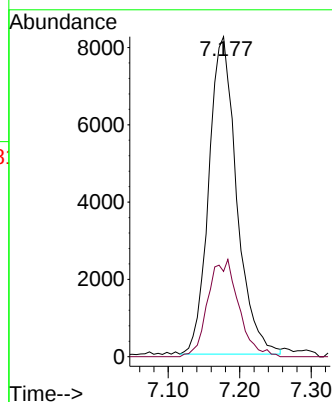
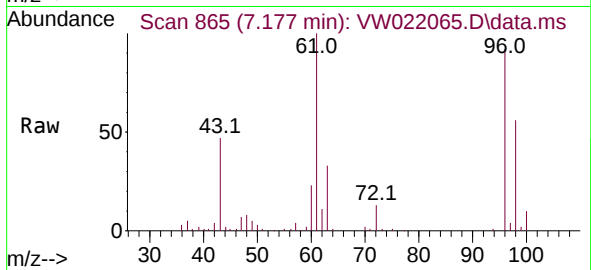




#22
2-Butanone
Concen: 52.142 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

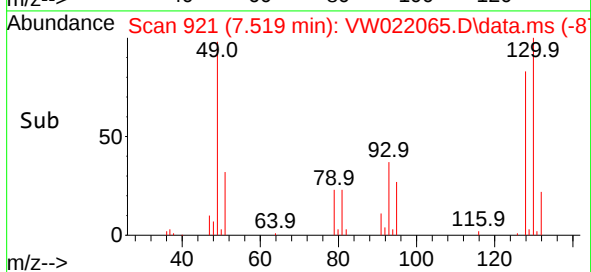
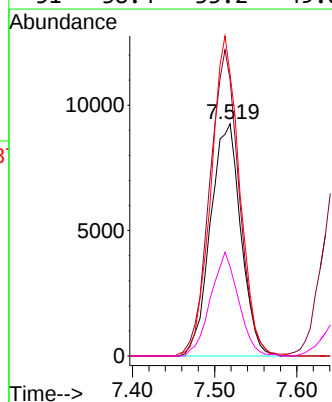
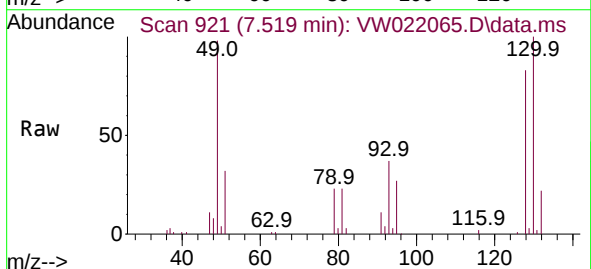
Instrument :
MSVOA_W
ClientSampleId :

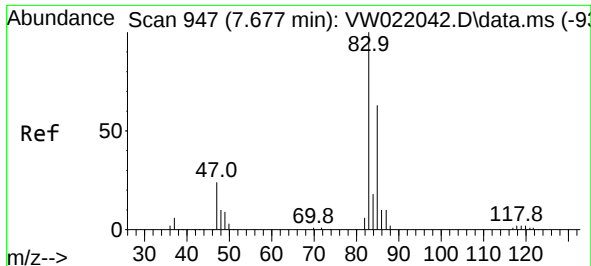
Tgt Ion: 43 Resp: 22283
Ion Ratio Lower Upper
43 100
72 18.5 16.8 50.4



#23
Bromochloromethane
Concen: 22.906 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 128 Resp: 23788
Ion Ratio Lower Upper
128 100
49 118.9 92.7 172.3
130 121.1 92.5 171.7
51 38.4 33.2 49.8

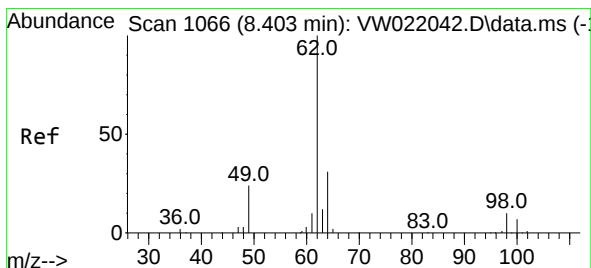
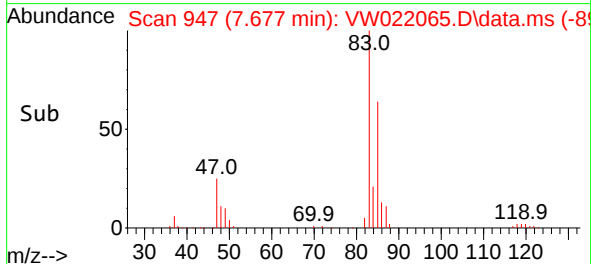
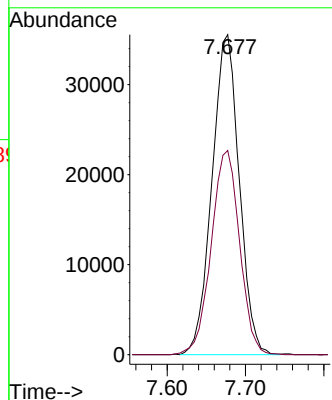
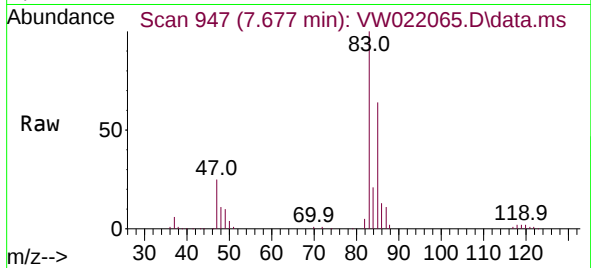




#25
Chloroform
Concen: 23.888 ug/L
RT: 7.677 min Scan# 94
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

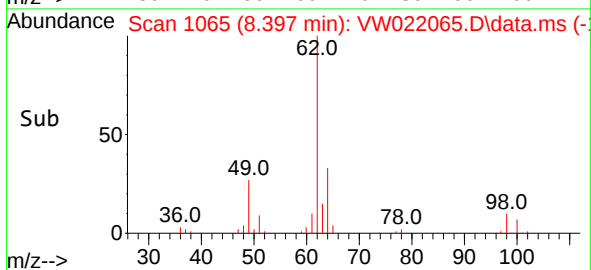
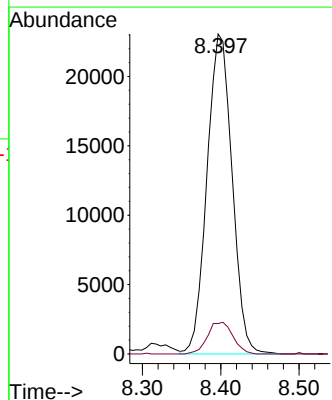
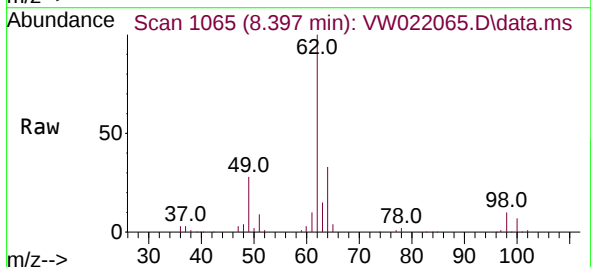
Instrument :
MSVOA_W
ClientSampleId :

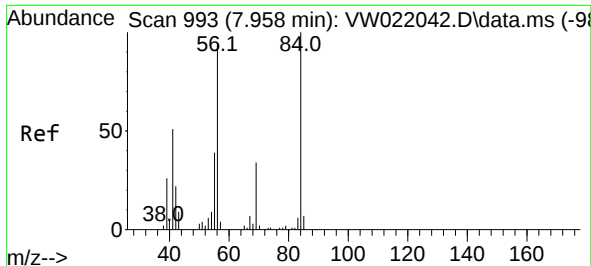
Tgt Ion: 83 Resp: 86099
Ion Ratio Lower Upper
83 100
85 63.8 44.2 82.2



#27
1,2-Dichloroethane
Concen: 24.231 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

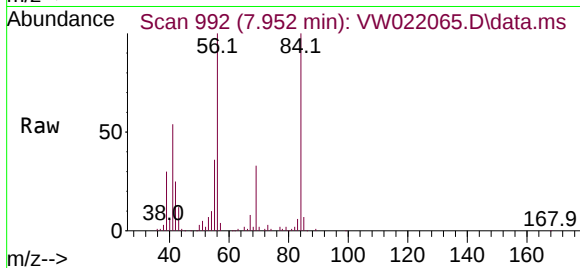
Tgt Ion: 62 Resp: 51409
Ion Ratio Lower Upper
62 100
98 9.5 8.8 13.2



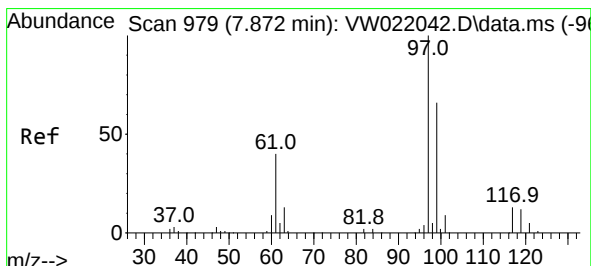
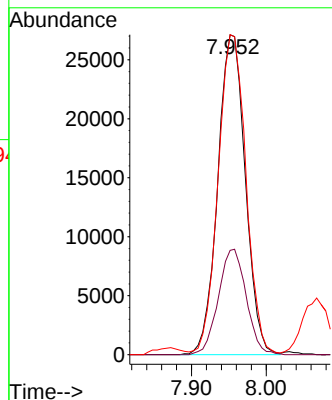
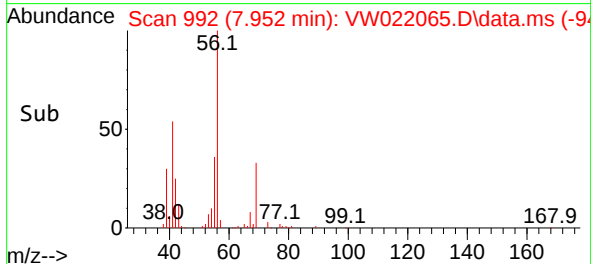


#29
Cyclohexane
Concen: 23.171 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Instrument :
MSVOA_W
ClientSampleId :

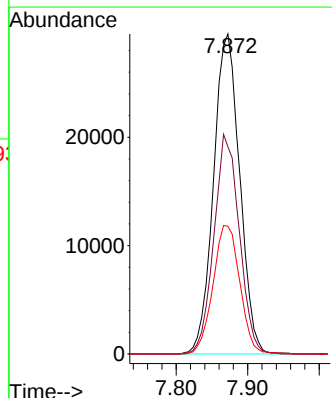
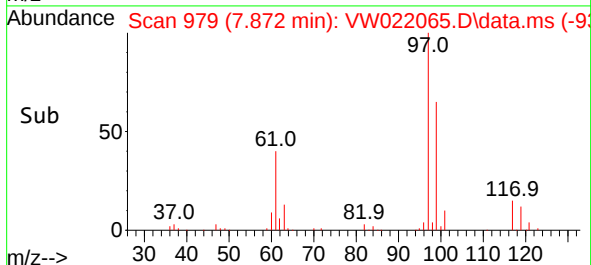
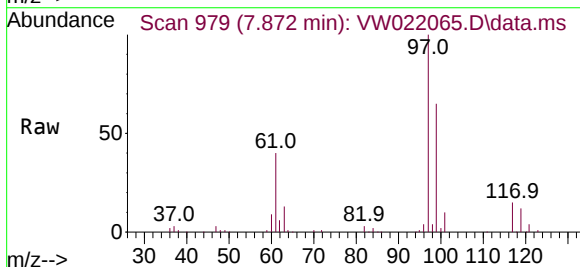


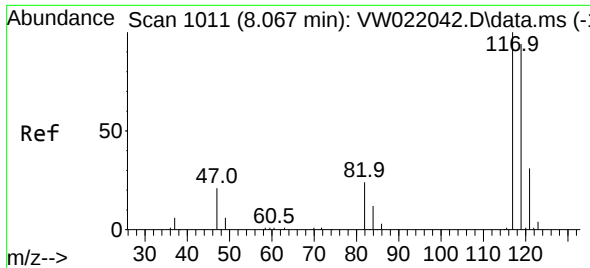
Tgt Ion: 56 Resp: 69535
Ion Ratio Lower Upper
56 100
69 33.2 26.3 39.5
84 101.2 82.3 123.5



#30
1,1,1-Trichloroethane
Concen: 22.181 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 97 Resp: 75043
Ion Ratio Lower Upper
97 100
99 66.4 51.6 77.4
61 41.2 32.3 48.5

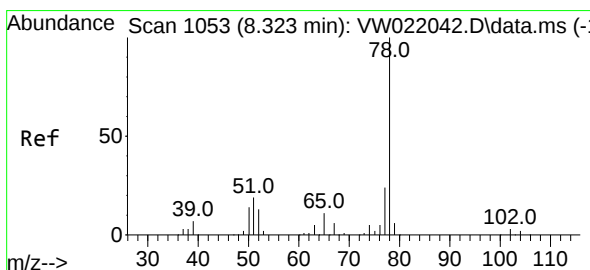
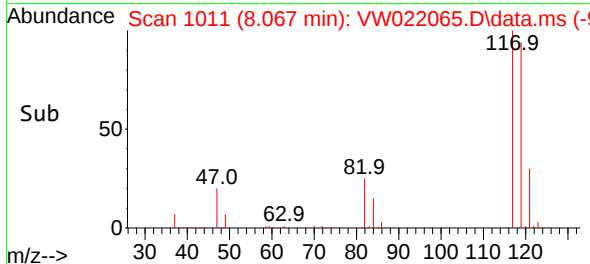
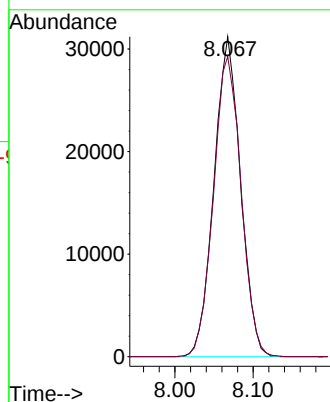
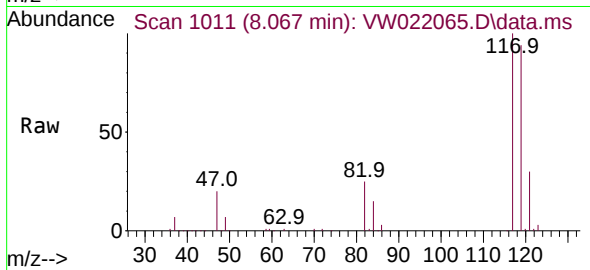




#31
Carbon tetrachloride
Concen: 22.162 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

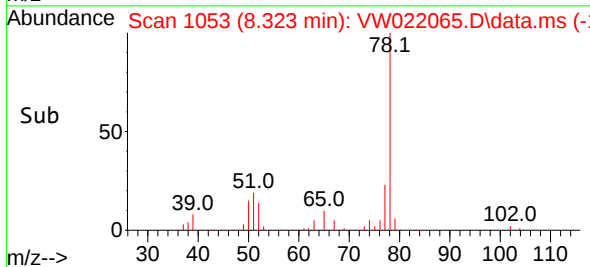
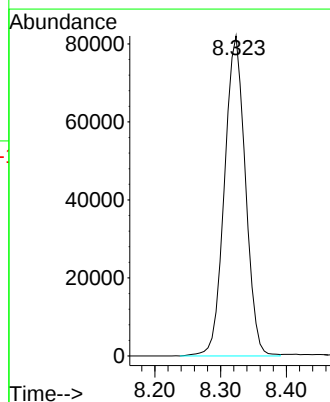
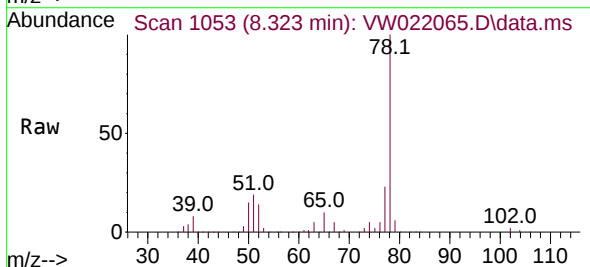
Instrument :
MSVOA_W
ClientSampleId :

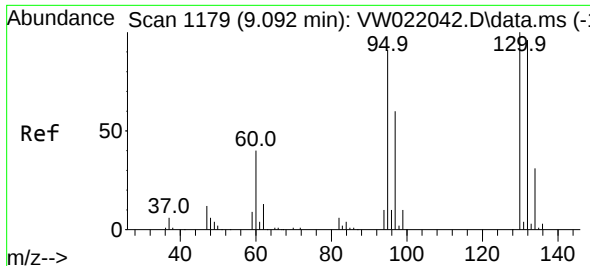
Tgt Ion:117 Resp: 73388
Ion Ratio Lower Upper
117 100
119 97.7 74.7 112.1



#33
Benzene
Concen: 22.673 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

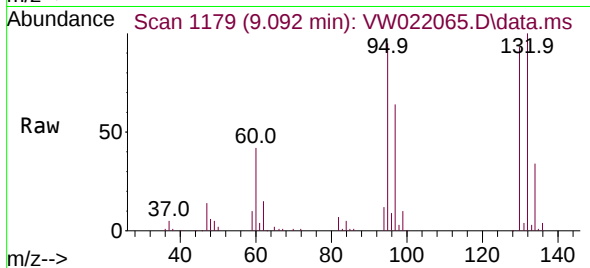
Tgt Ion: 78 Resp: 181730





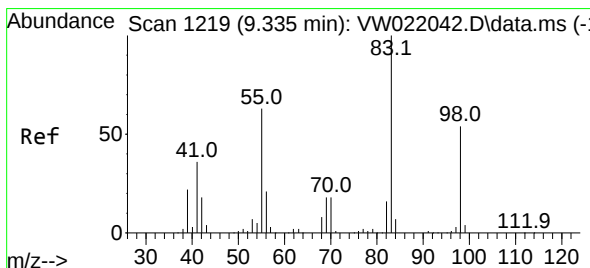
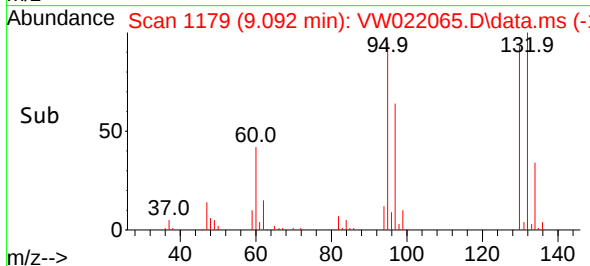
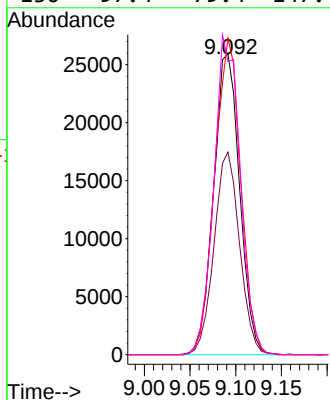
#34
Trichloroethene
Concen: 22.588 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion: 95 Resp: 51475

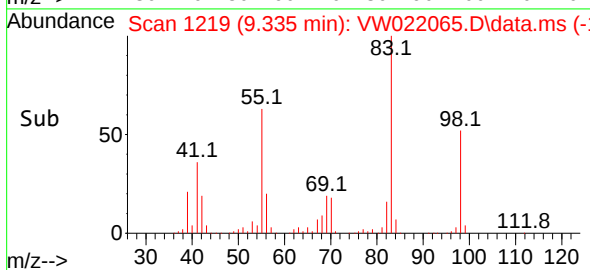
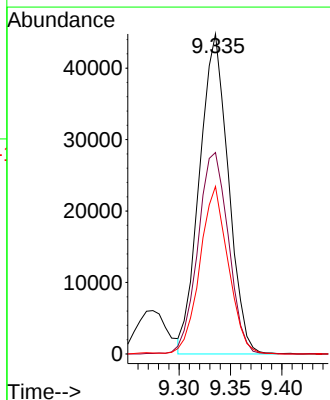
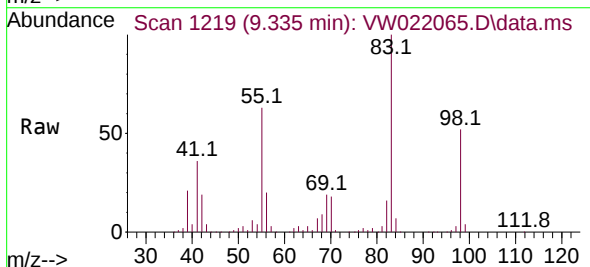
Ion	Ratio	Lower	Upper
95	100		
97	67.3	45.1	83.7
132	105.2	76.1	141.3
130	97.4	79.4	147.4

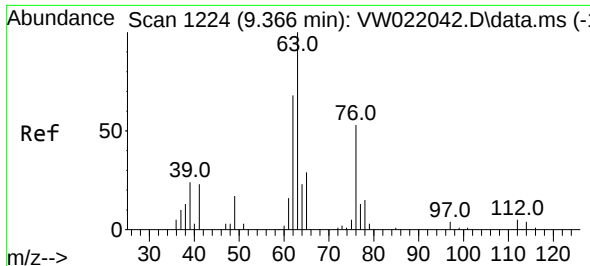


#35
Methylcyclohexane
Concen: 22.756 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 83 Resp: 87491

Ion	Ratio	Lower	Upper
83	100		
55	66.6	53.4	80.2
98	51.4	42.6	63.8





#37

1,2-Dichloropropane

Concen: 22.998 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

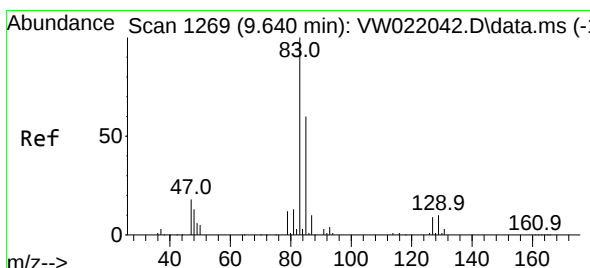
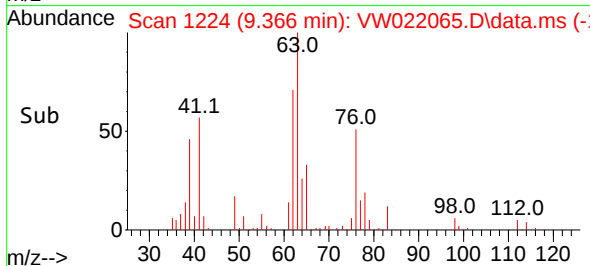
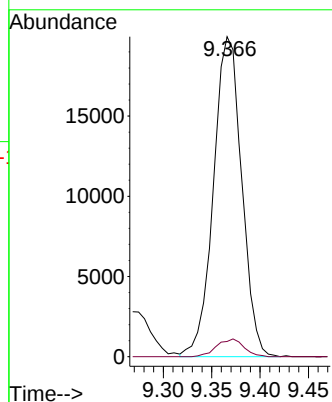
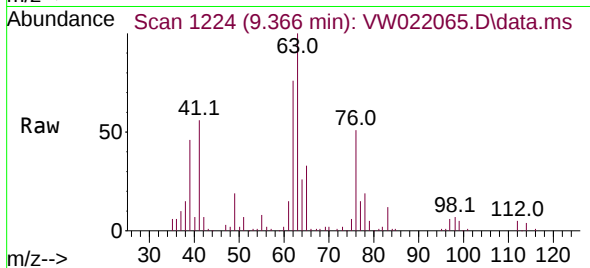
ClientSampleId :

Tgt Ion: 63 Resp: 40487

Ion Ratio Lower Upper

63 100

112 5.3 4.7 7.1



#38

Bromodichloromethane

Concen: 23.264 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

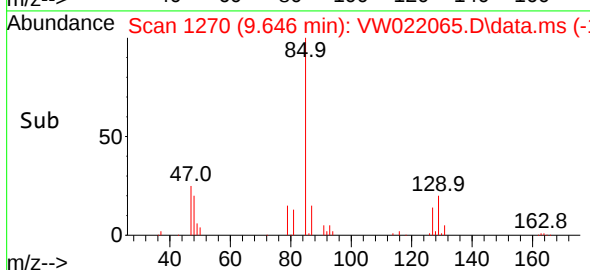
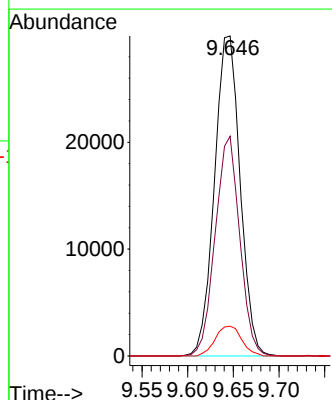
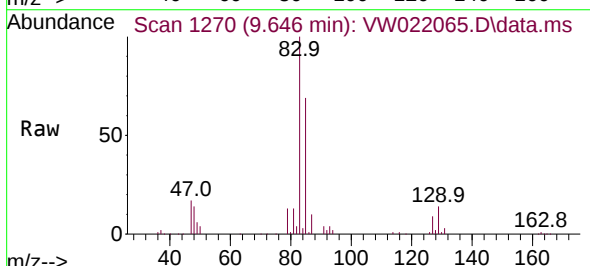
Tgt Ion: 83 Resp: 58488

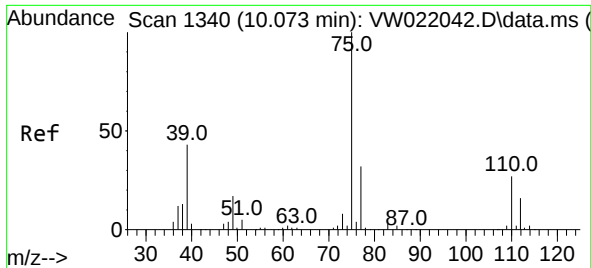
Ion Ratio Lower Upper

83 100

85 68.6 44.7 83.1

127 9.3 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 23.755 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

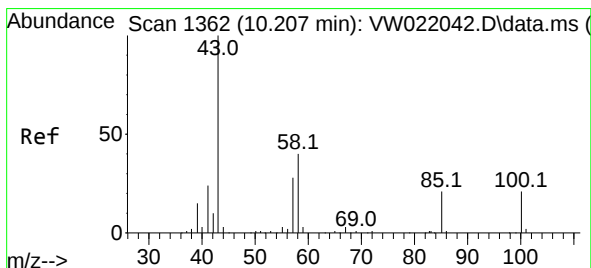
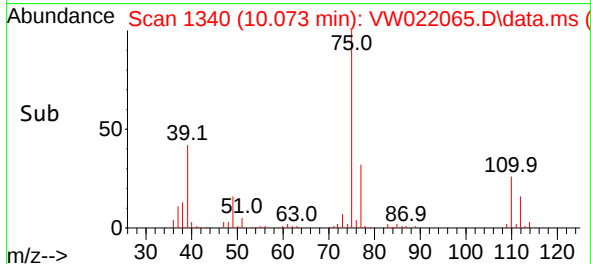
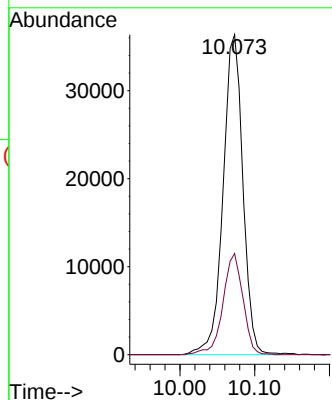
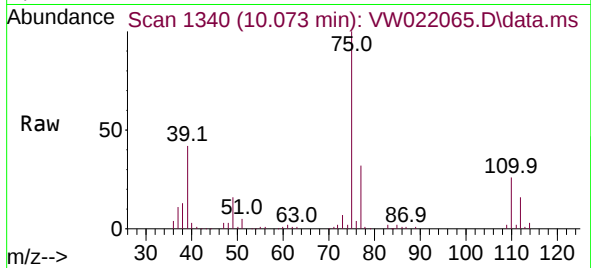
ClientSampleId :

Tgt Ion: 75 Resp: 67074

Ion Ratio Lower Upper

75 100

77 31.6 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 51.608 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

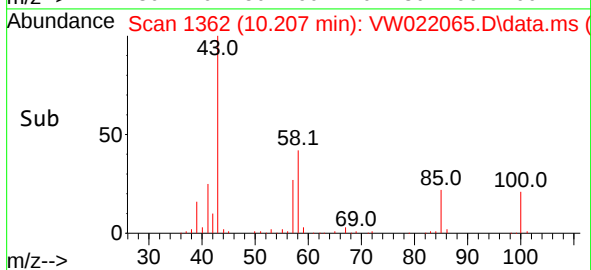
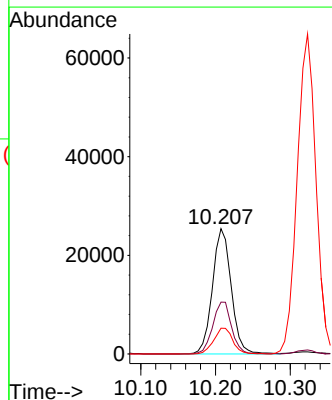
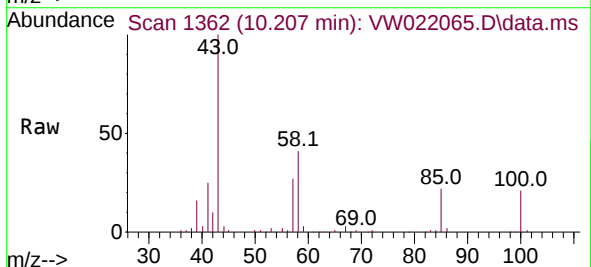
Tgt Ion: 43 Resp: 44575

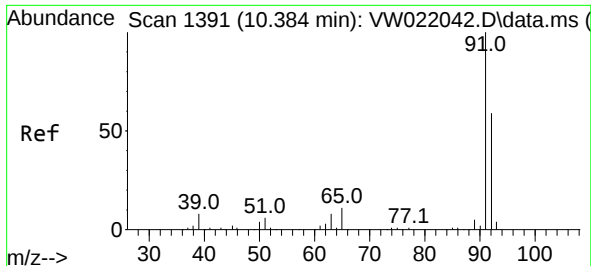
Ion Ratio Lower Upper

43 100

58 41.6 34.4 51.6

100 20.8 17.0 25.4

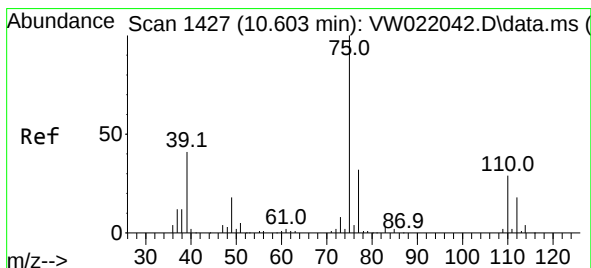
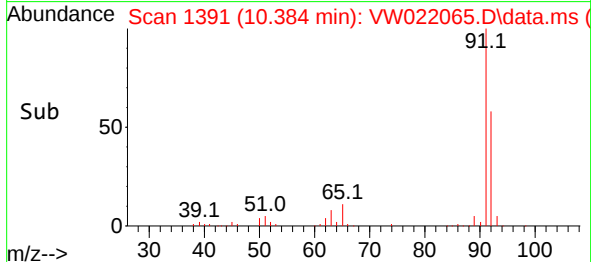
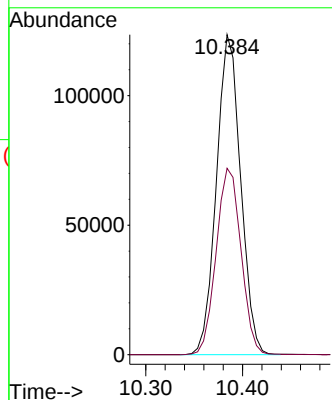
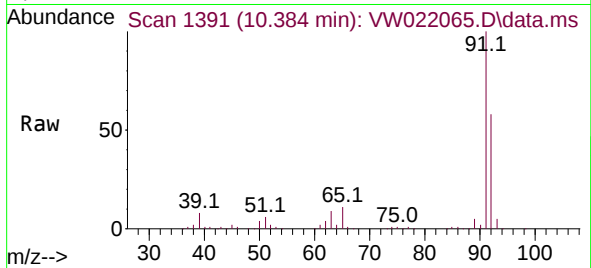




#42
Toluene
Concen: 23.607 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

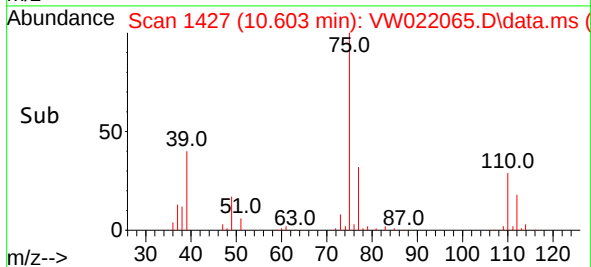
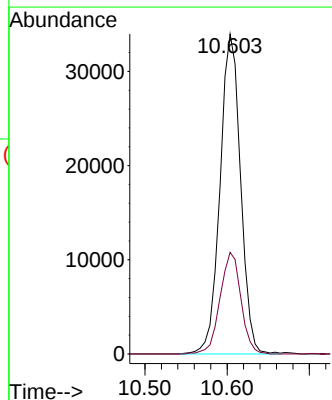
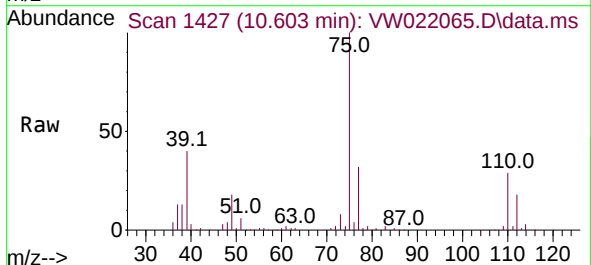
Instrument :
MSVOA_W
ClientSampleId :

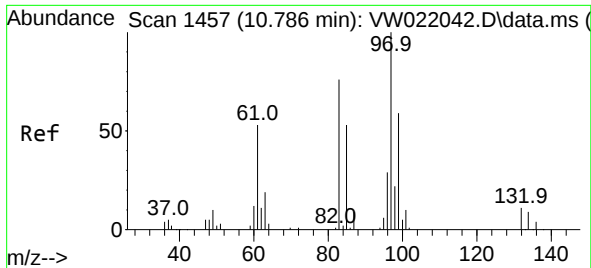
Tgt Ion: 91 Resp: 214488
Ion Ratio Lower Upper
91 100
92 58.2 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 24.249 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 75 Resp: 59023
Ion Ratio Lower Upper
75 100
77 31.8 22.1 41.1

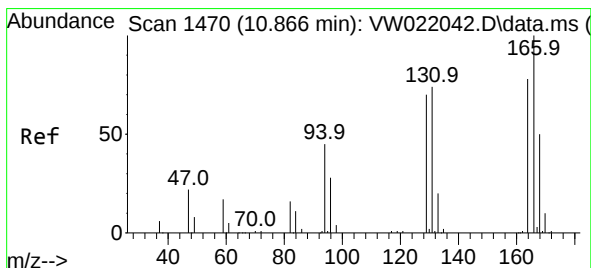
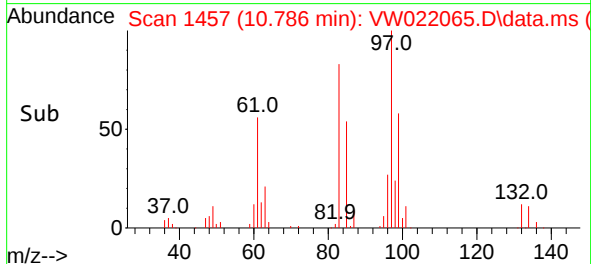
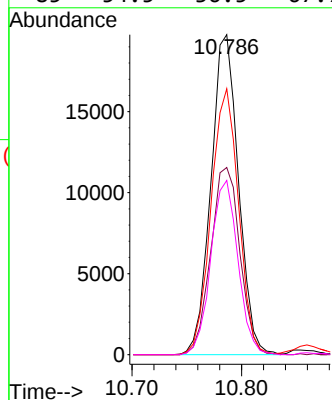
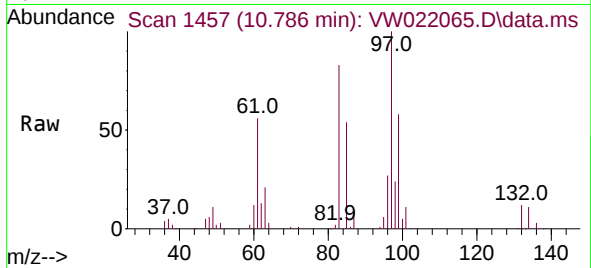




#45
1,1,2-Trichloroethane
Concen: 23.031 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

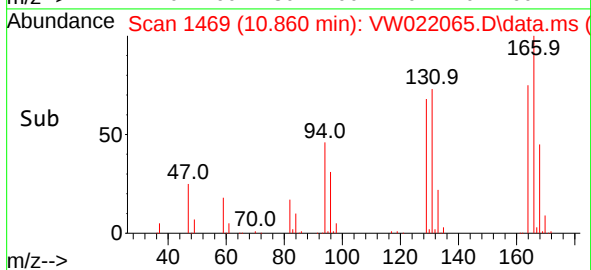
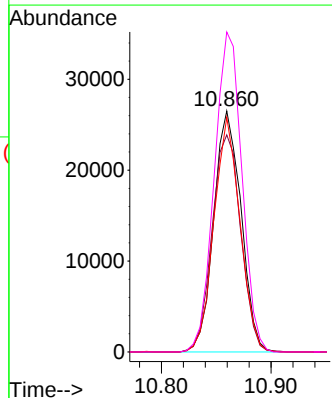
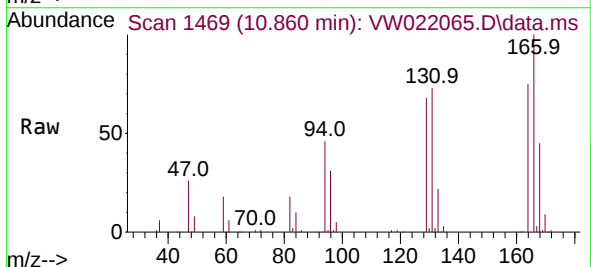
Instrument :
MSVOA_W
ClientSampleId :

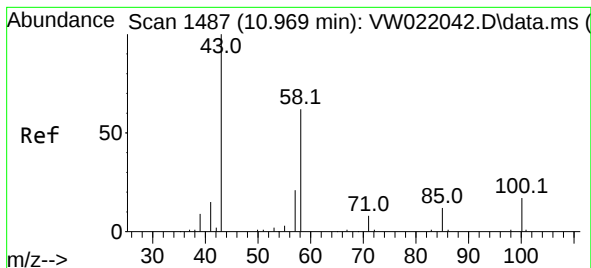
Tgt Ion:	97	Resp:	34461
Ion	Ratio	Lower	Upper
97	100		
99	58.5	43.8	81.4
83	83.1	56.1	104.3
85	54.5	36.5	67.7



#46
Tetrachloroethene
Concen: 21.574 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion:	164	Resp:	45827
Ion	Ratio	Lower	Upper
164	100		
129	90.2	62.6	116.2
131	97.4	67.1	124.7
166	132.8	91.1	169.1





#48

2-Hexanone

Concen: 52.896 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.006 min

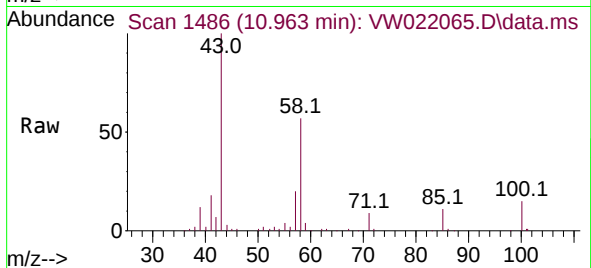
Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 34006

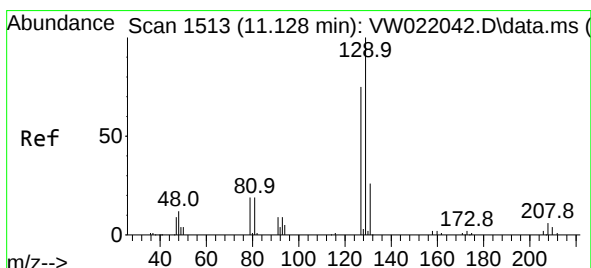
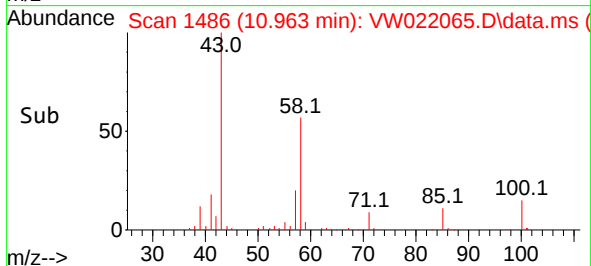
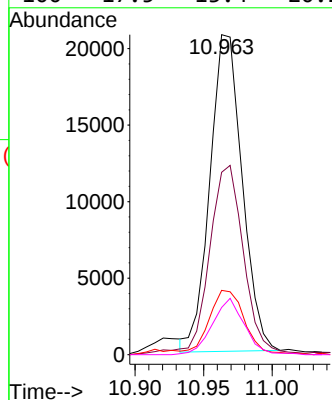
Ion Ratio Lower Upper

43 100

58 63.7 49.2 73.8

57 22.4 16.6 24.8

100 17.5 13.4 20.2



#49

Dibromochloromethane

Concen: 24.042 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VW022065.D

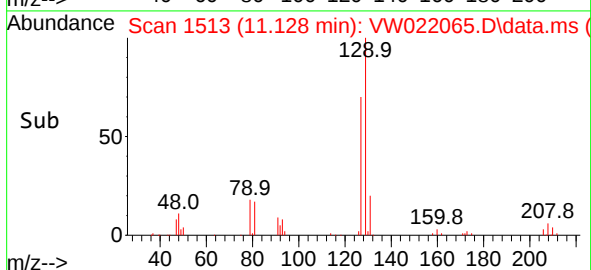
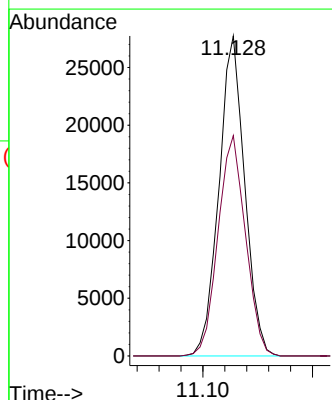
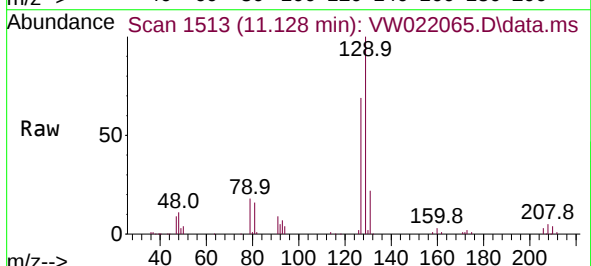
Acq: 03 Feb 2022 09:37

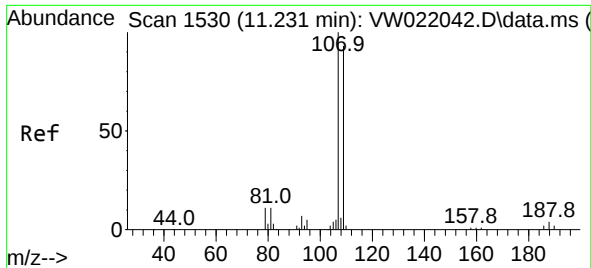
Tgt Ion:129 Resp: 45301

Ion Ratio Lower Upper

129 100

127 68.8 52.6 97.6





#50

1,2-Dibromoethane

Concen: 23.407 ug/L

RT: 11.231 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022065.D

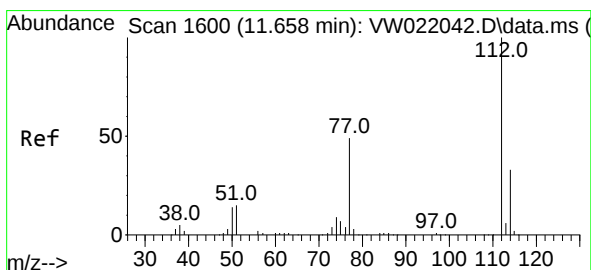
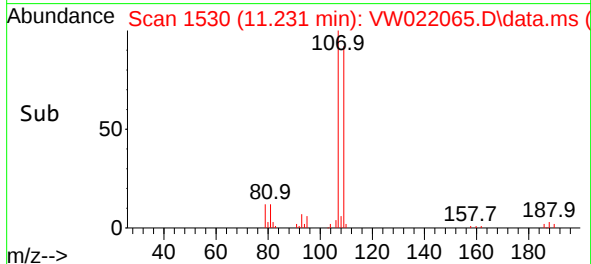
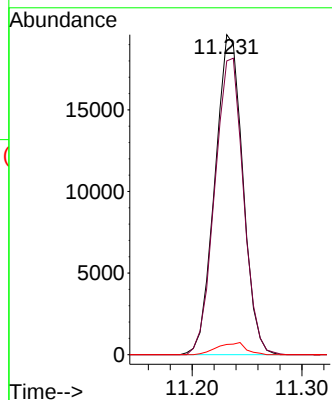
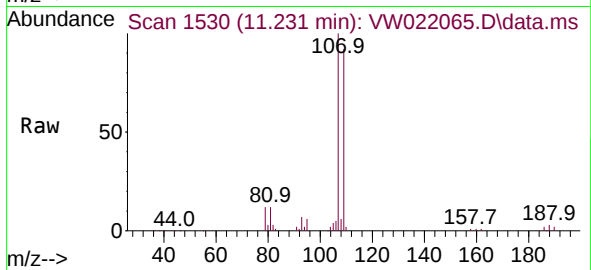
Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	107	Resp:	34676
Ion Ratio	Lower	Upper	
107	100		
109	91.8	68.0	126.2
188	3.2	3.2	4.8



#51

Chlorobenzene

Concen: 22.828 ug/L

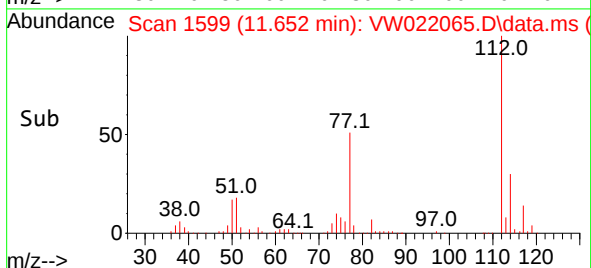
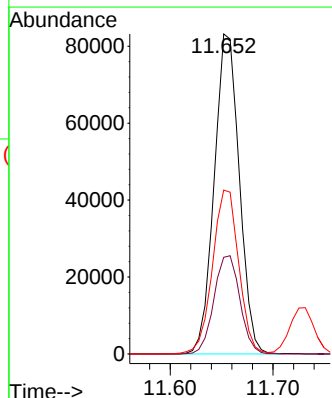
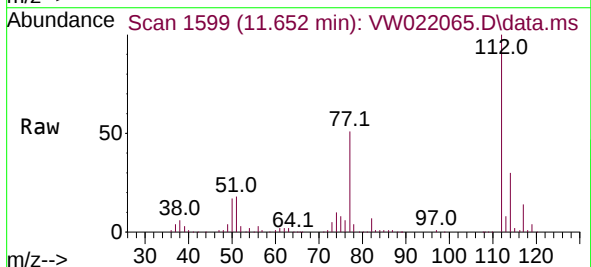
RT: 11.652 min Scan# 1599

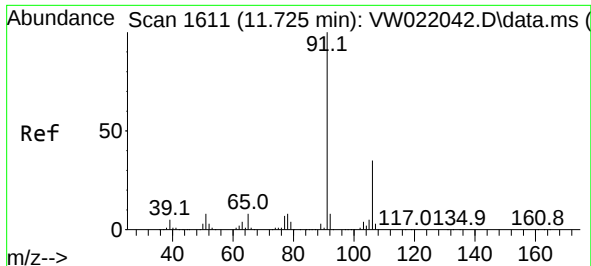
Delta R.T. -0.006 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Tgt Ion:	112	Resp:	141155
Ion Ratio	Lower	Upper	
112	100		
114	30.2	21.5	39.9
77	51.2	43.6	65.4





#52

Ethylbenzene

Concen: 23.390 ug/L

RT: 11.725 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

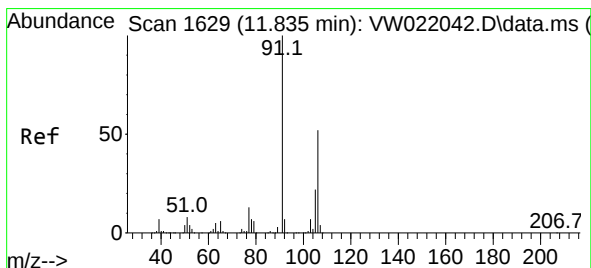
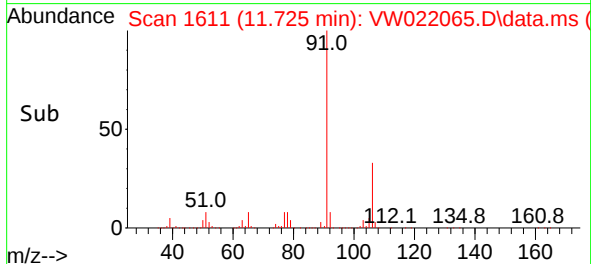
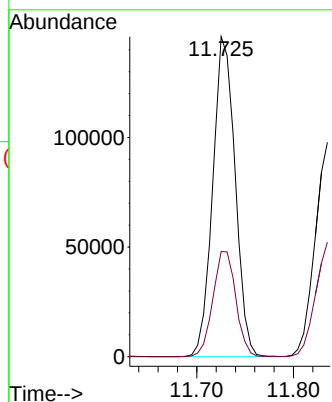
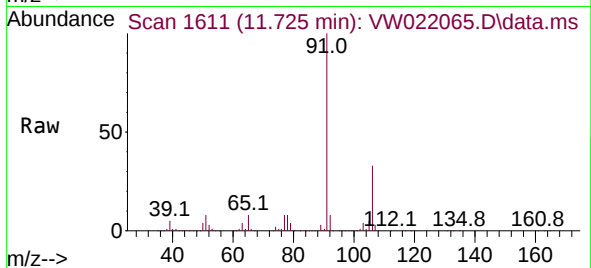
ClientSampleId :

Tgt Ion: 91 Resp: 234472

Ion Ratio Lower Upper

91 100

106 32.9 22.8 42.4



#53

m,p-Xylene

Concen: 23.618 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022065.D

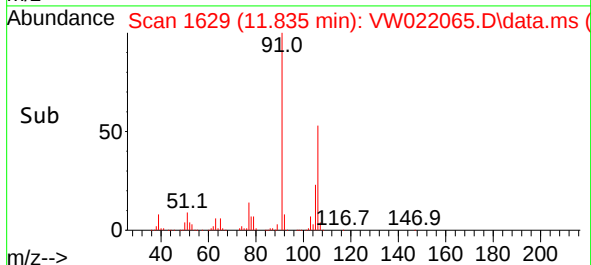
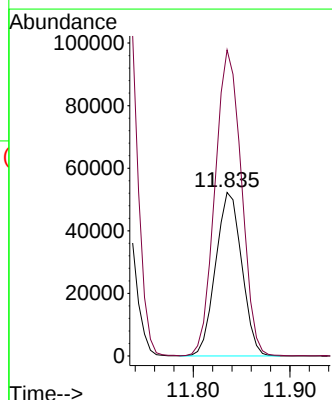
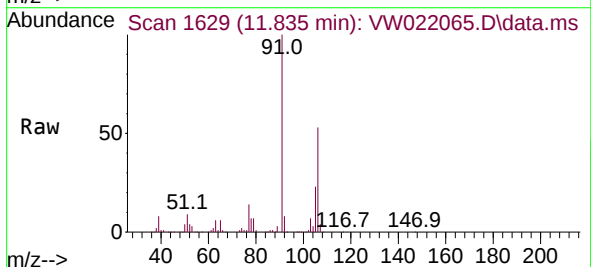
Acq: 03 Feb 2022 09:37

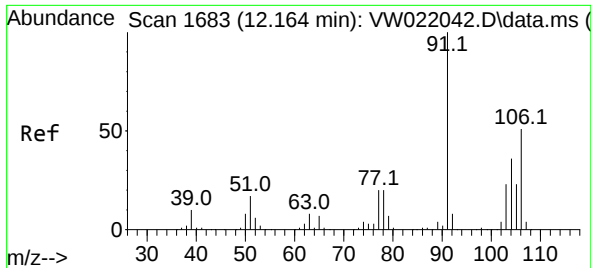
Tgt Ion:106 Resp: 98231

Ion Ratio Lower Upper

106 100

91 187.1 129.6 240.8

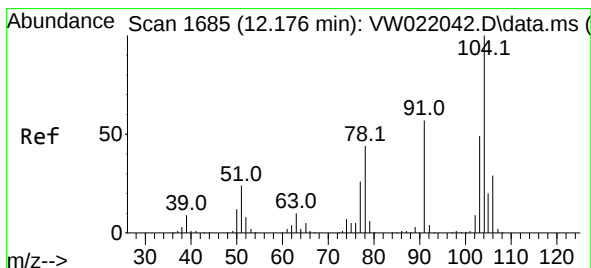
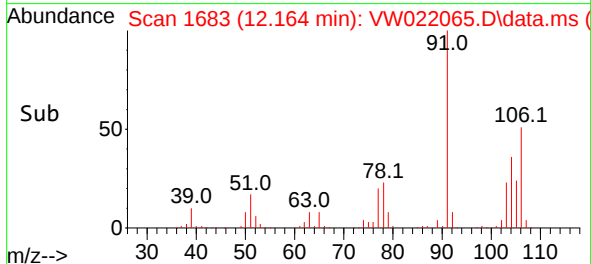
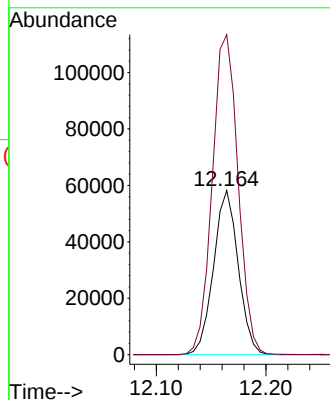
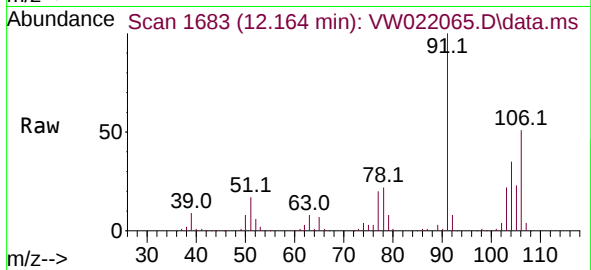




#54
o-Xylene
Concen: 23.390 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

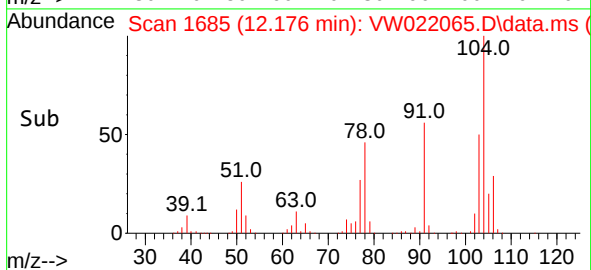
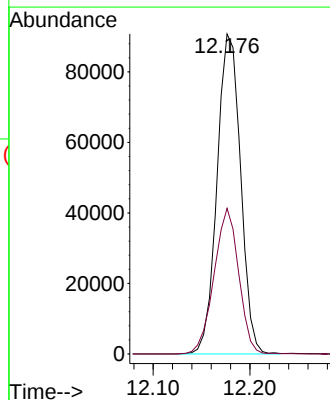
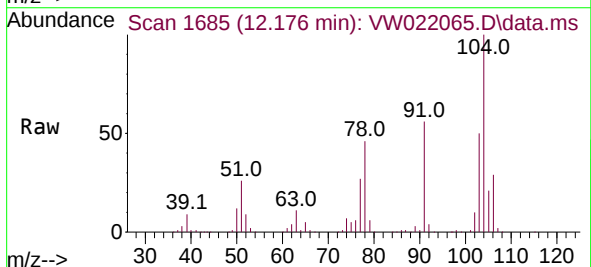
Instrument :
MSVOA_W
ClientSampleId :

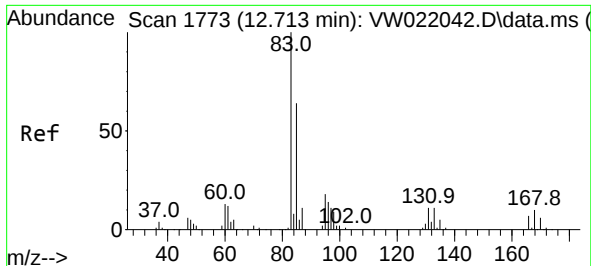
Tgt Ion:106 Resp: 91003
Ion Ratio Lower Upper
106 100
91 194.9 136.4 253.4



#55
Styrene
Concen: 24.386 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion:104 Resp: 153261
Ion Ratio Lower Upper
104 100
78 45.5 30.9 57.5





#57

1,1,2-Tetrachloroethane

Concen: 24.303 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022065.D

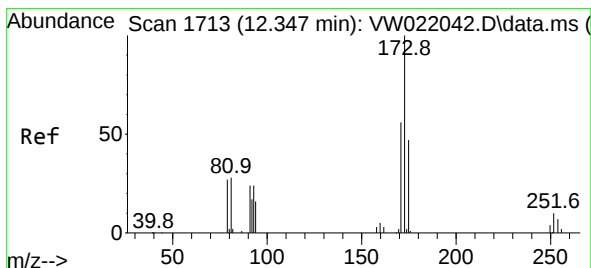
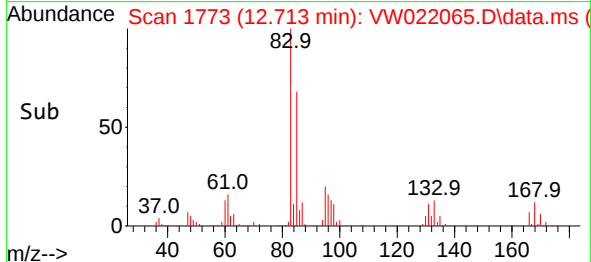
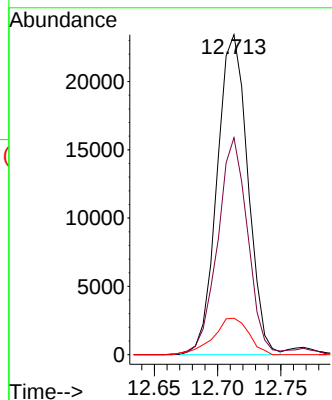
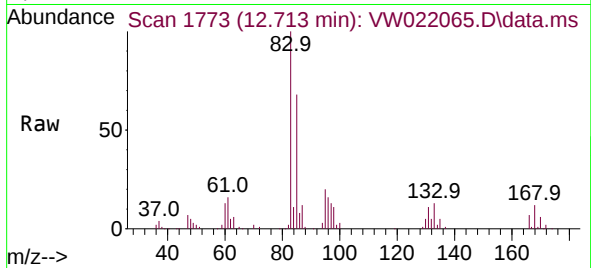
Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 83	Resp: 39581
Ion Ratio	Lower Upper
83 100	
85 67.8	43.8 81.3
131 11.4	9.8 14.8



#59

Bromoform

Concen: 22.436 ug/L

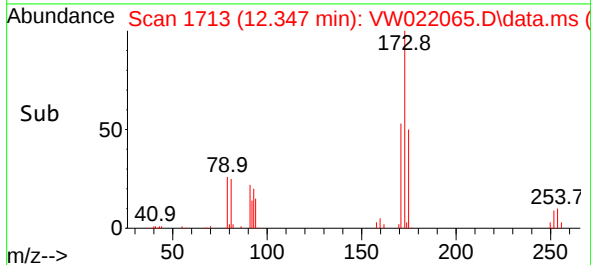
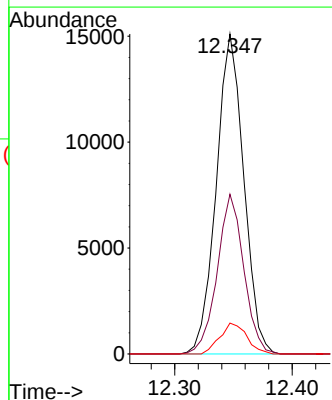
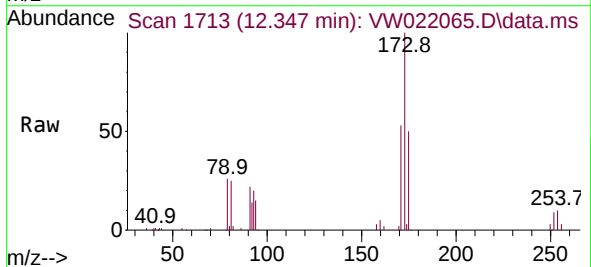
RT: 12.347 min Scan# 1713

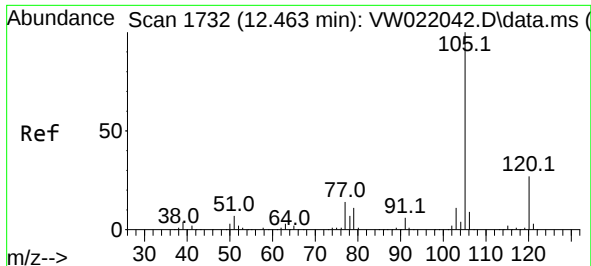
Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Tgt Ion: 173	Resp: 24593
Ion Ratio	Lower Upper
173 100	
175 48.2	41.0 61.4
254 9.4	3.4 5.2

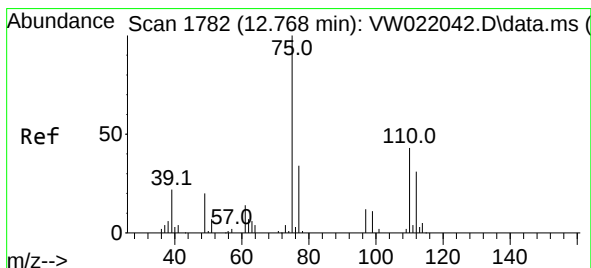
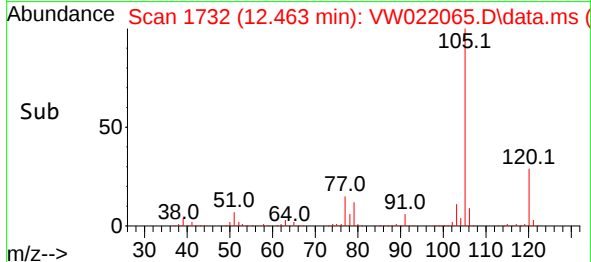
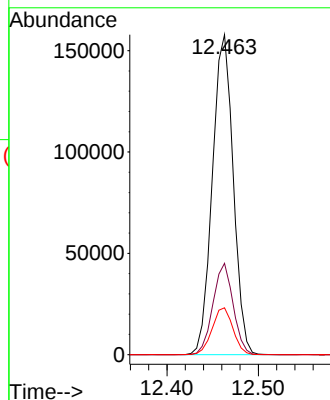
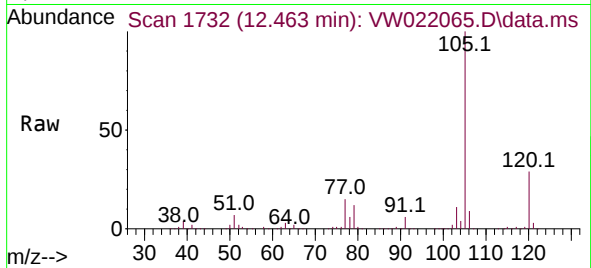




#60
Isopropylbenzene
Concen: 23.051 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

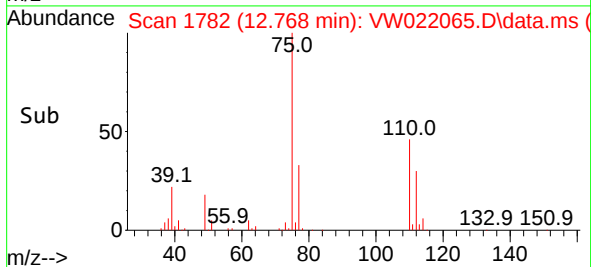
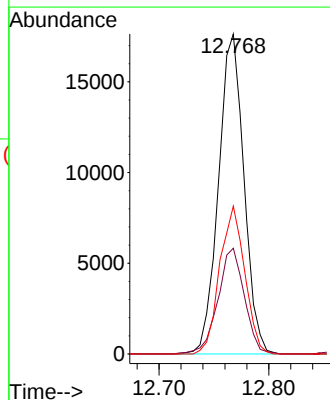
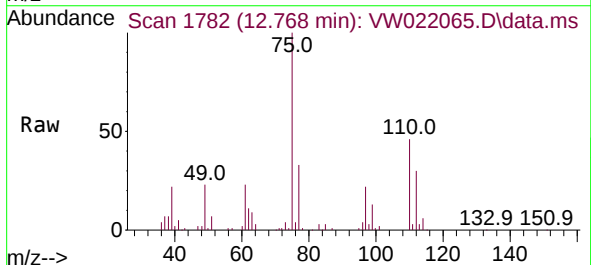
Instrument :
MSVOA_W
ClientSampleId :

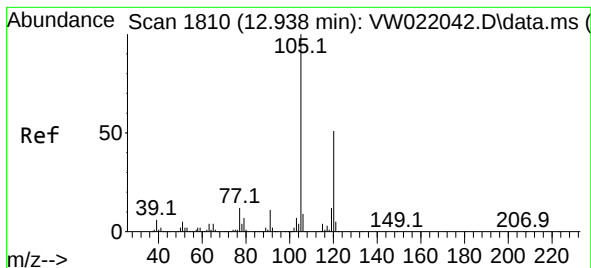
Tgt Ion:105 Resp: 249959
Ion Ratio Lower Upper
105 100
120 27.7 22.1 33.1
77 14.7 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 23.526 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion: 75 Resp: 28445
Ion Ratio Lower Upper
75 100
77 34.3 27.3 40.9
110 45.3 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 23.641 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

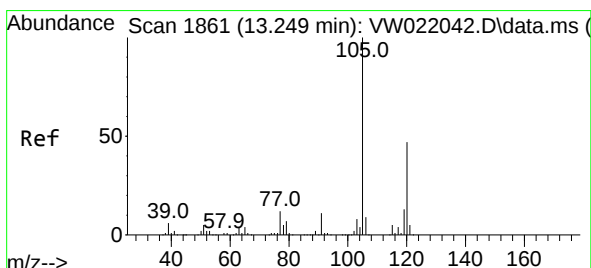
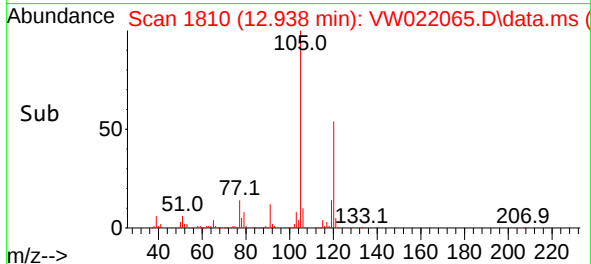
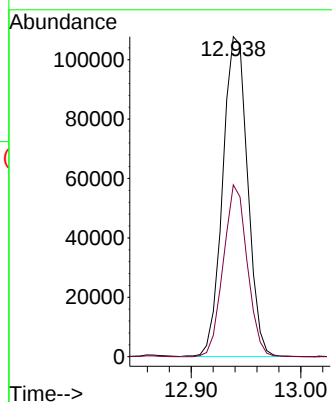
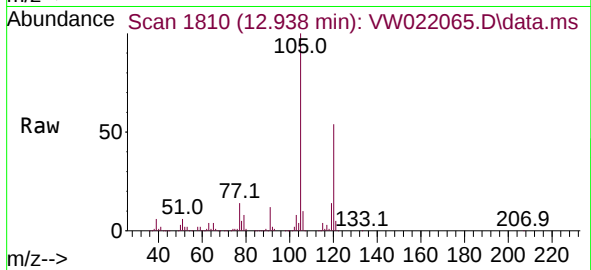
ClientSampleId :

Tgt Ion:105 Resp: 170019

Ion Ratio Lower Upper

105 100

120 51.6 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 24.008 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022065.D

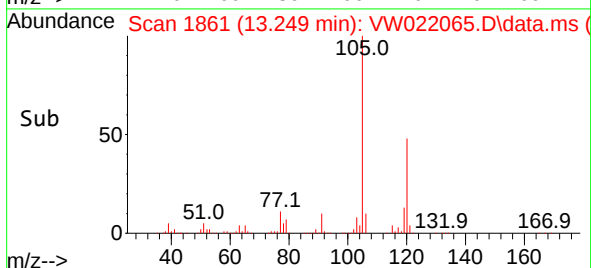
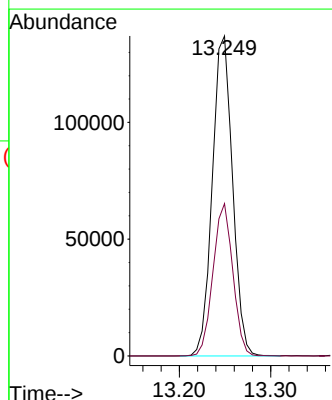
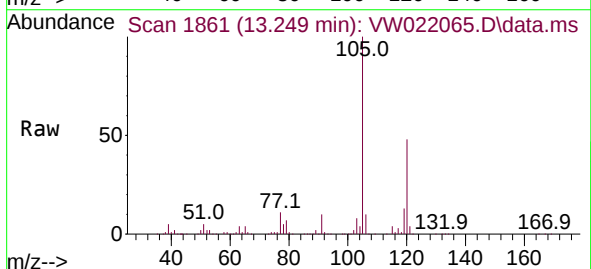
Acq: 03 Feb 2022 09:37

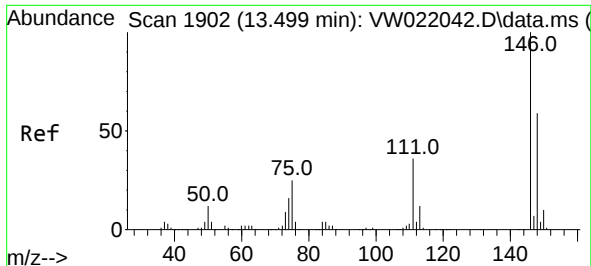
Tgt Ion:105 Resp: 210359

Ion Ratio Lower Upper

105 100

120 46.6 37.8 56.8

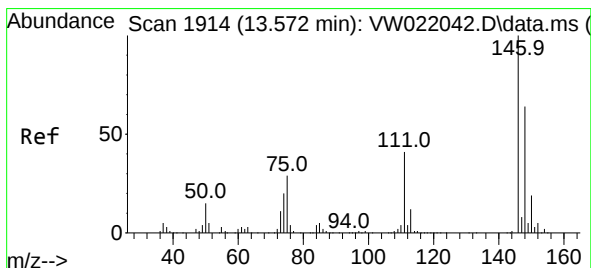
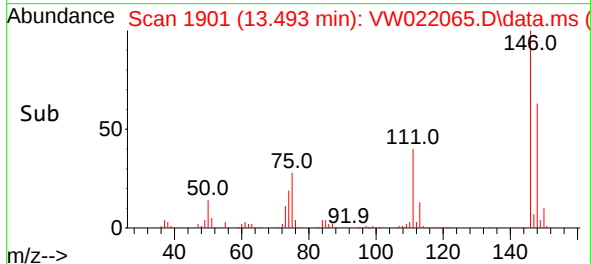
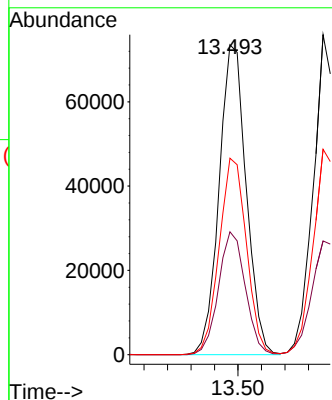
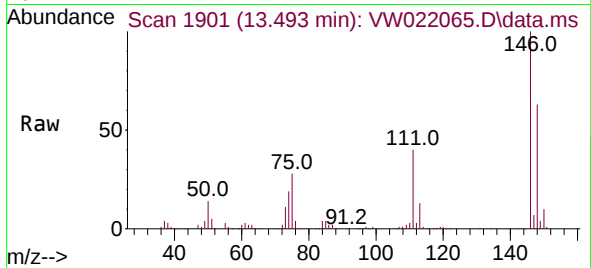




#64
1,3-Dichlorobenzene
Concen: 22.724 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

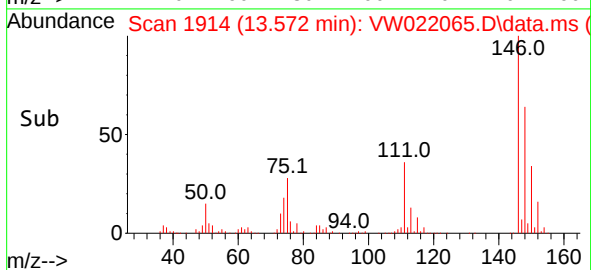
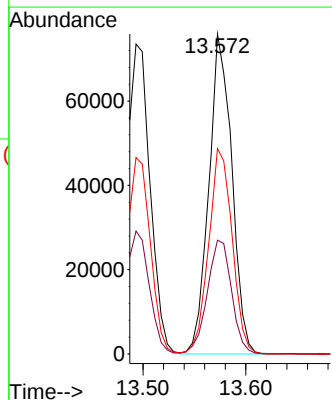
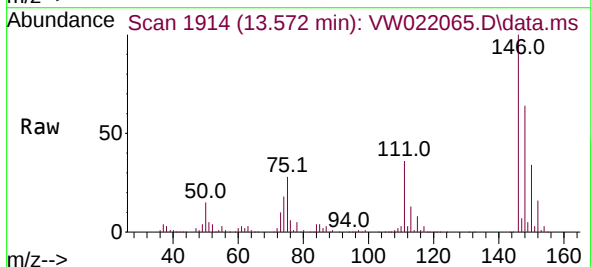
Instrument :
MSVOA_W
ClientSampleId :

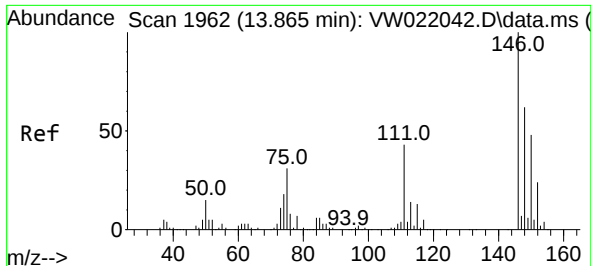
Tgt Ion:146 Resp: 118057
Ion Ratio Lower Upper
146 100
111 39.7 27.3 50.7
148 63.4 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 22.644 ug/L
RT: 13.572 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion:146 Resp: 117759
Ion Ratio Lower Upper
146 100
111 35.6 24.4 45.4
148 64.2 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 22.372 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

Instrument :

MSVOA_W

ClientSampleId :

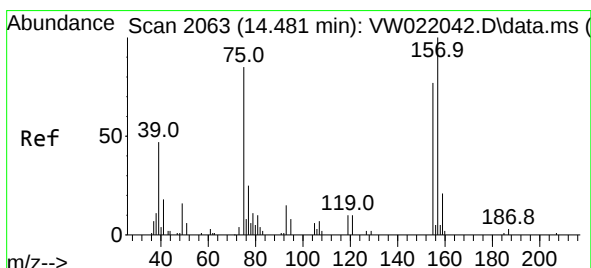
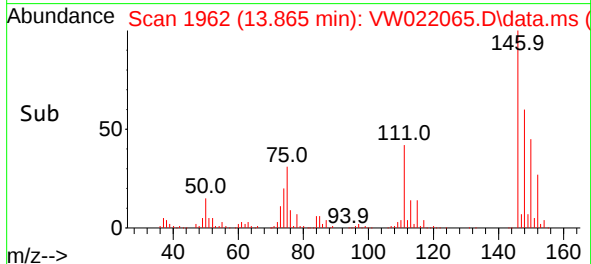
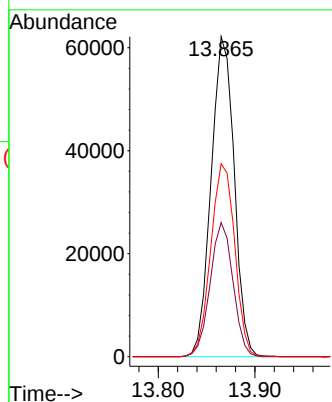
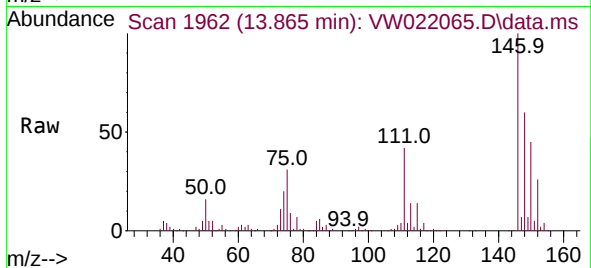
Tgt Ion:146 Resp: 103305

Ion Ratio Lower Upper

146 100

111 41.9 32.2 48.4

148 60.3 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 22.692 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022065.D

Acq: 03 Feb 2022 09:37

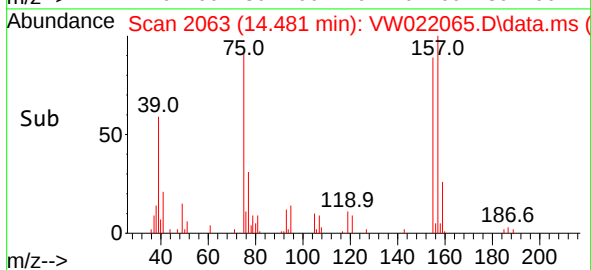
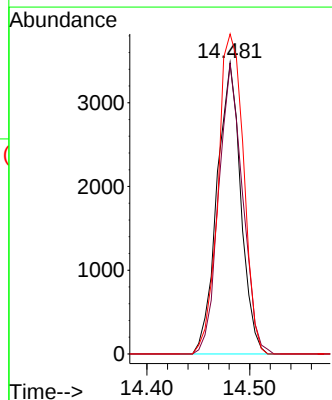
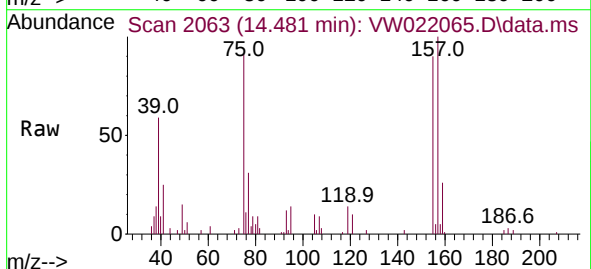
Tgt Ion: 75 Resp: 5582

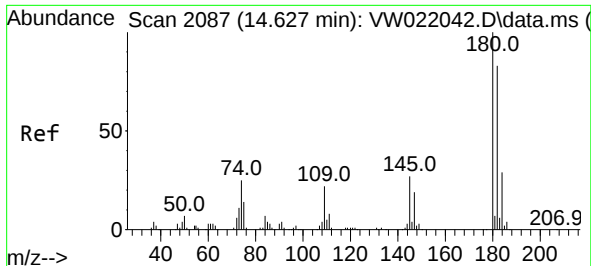
Ion Ratio Lower Upper

75 100

155 99.5 80.9 121.3

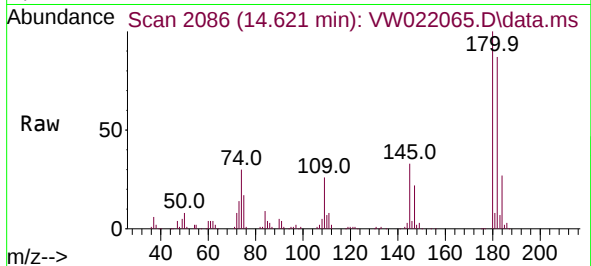
157 110.0 100.3 150.5



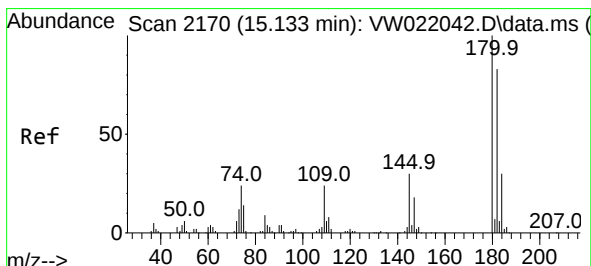
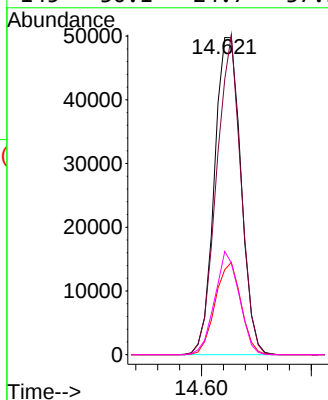
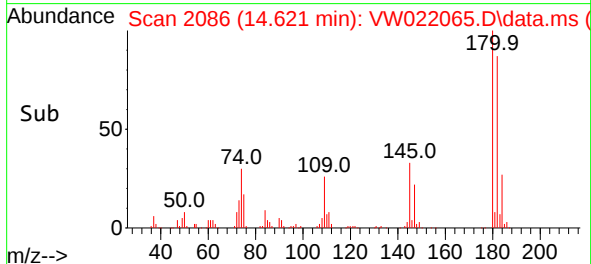


#69
1,3,5-Trichlorobenzene
Concen: 22.345 ug/L
RT: 14.621 min Scan# 2086
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

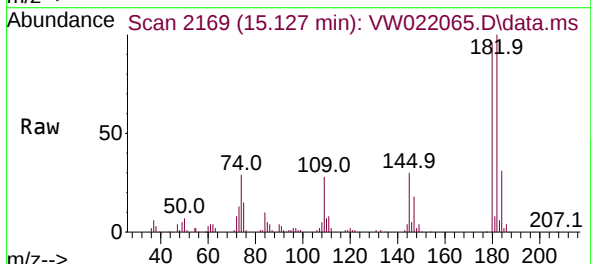
Instrument :
MSVOA_W
ClientSampleId :



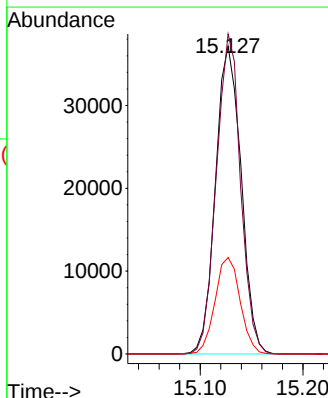
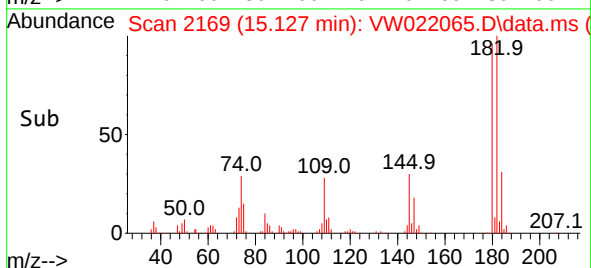
Tgt Ion:180 Resp: 83465
Ion Ratio Lower Upper
180 100
182 92.6 77.4 116.2
184 28.4 25.2 37.8
145 30.1 24.7 37.1

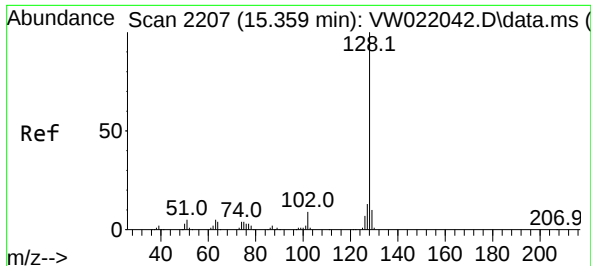


#70
1,2,4-trichlorobenzene
Concen: 21.678 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37



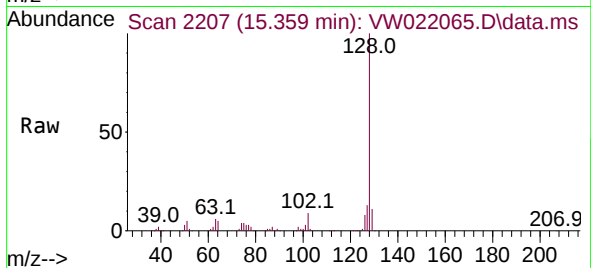
Tgt Ion:180 Resp: 64317
Ion Ratio Lower Upper
180 100
182 98.2 74.6 111.8
145 30.7 25.0 37.6



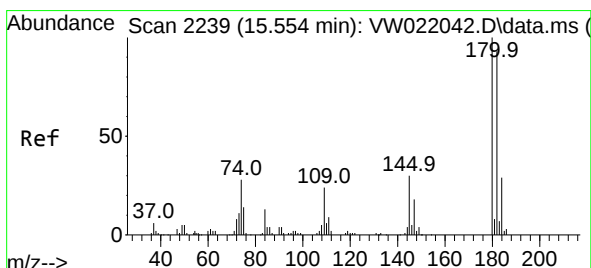
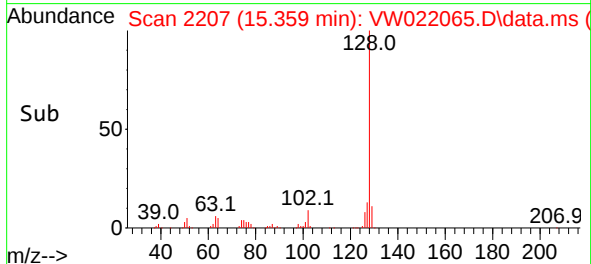
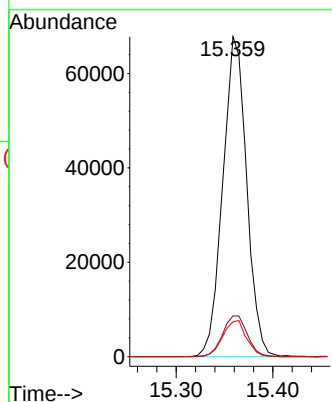


#71
Naphthalene
Concen: 23.958 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Instrument :
MSVOA_W
ClientSampleId :



Tgt Ion:128 Resp: 115974
Ion Ratio Lower Upper
128 100
127 13.2 11.0 16.4
129 11.3 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 21.889 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022065.D
Acq: 03 Feb 2022 09:37

Tgt Ion:180 Resp: 55508
Ion Ratio Lower Upper
180 100
182 98.2 78.6 118.0
145 35.1 27.3 40.9

