

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050622\
 Data File : VW022916.D
 Acq On : 07 May 2022 02:34
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 07 03:08:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat May 07 01:54:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	272031	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	274237	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	154678	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	118371	21.209	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.840%
7) Chloroethane-d5	2.885	69	94558	26.042	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.160%
11) 1,1-Dichloroethene-d2	4.025	63	152610	21.162	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.640%
21) 2-Butanone-d5	7.080	46	64454	60.740	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.480%
24) Chloroform-d	7.647	84	209459	26.281	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.120%
26) 1,2-Dichloroethane-d4	8.305	65	116608	26.677	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.720%
32) Benzene-d6	8.275	84	388547	24.581	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	98.320%
36) 1,2-Dichloropropane-d6	9.274	67	114915	25.881	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.520%
41) Toluene-d8	10.323	98	366492	24.002	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	10.579	79	50273	24.590	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.360%
47) 2-Hexanone-d5	10.920	63	53997	63.704	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	127.400%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	125270	30.269	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	121.080%#
66) 1,2-Dichlorobenzene-d4	13.853	152	142541	26.362	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	33408	22.528	ug/L	98
3) Chloromethane	2.221	50	68732	23.985	ug/L	100
5) Vinyl chloride	2.361	62	137477	23.905	ug/L	99
6) Bromomethane	2.776	94	89615	24.270	ug/L	90
8) Chloroethane	2.922	64	75535	27.231	ug/L	96
9) Trichlorofluoromethane	3.257	101	55722	21.199	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	93459	23.779	ug/L #	76
12) 1,1-Dichloroethene	4.038	96	80024	22.968	ug/L	98
13) Acetone	4.123	43	36699	46.193	ug/L	98
14) Carbon disulfide	4.385	76	191097	20.006	ug/L	99
15) Methyl Acetate	4.672	43	46162	28.922	ug/L	93
16) Methylene chloride	4.922	84	101197	25.423	ug/L	94
17) trans-1,2-Dichloroethene	5.428	96	91033	23.218	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	163949	27.392	ug/L	99
19) 1,1-Dichloroethane	6.214	63	171792	25.852	ug/L	99
20) cis-1,2-Dichloroethene	7.165	96	107478	25.521	ug/L #	95
22) 2-Butanone	7.171	43	60051	54.048	ug/L	98
23) Bromochloromethane	7.519	128	48636	24.660	ug/L	90
25) Chloroform	7.677	83	197259	26.846	ug/L	93

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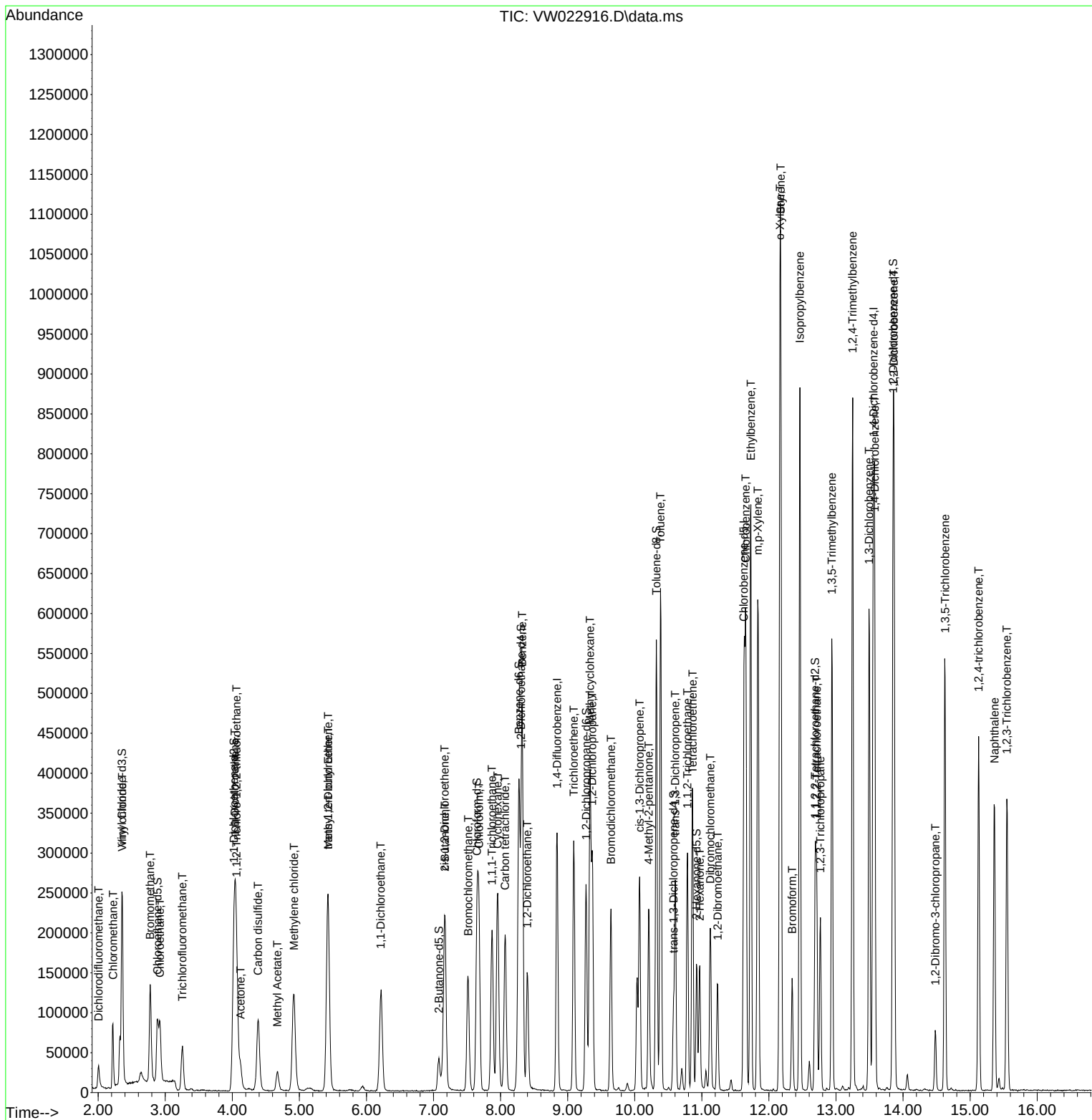
Instrument :
 MSVOA_W
 ClientSampleId :

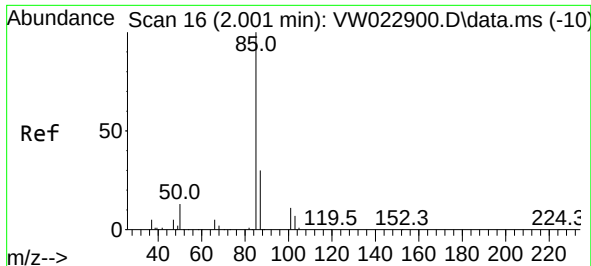
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	130585	26.661	ug/L	99
29) Cyclohexane	7.958	56	133583	22.523	ug/L	97
30) 1,1,1-Trichloroethane	7.872	97	158518	24.460	ug/L	98
31) Carbon tetrachloride	8.067	117	142583	23.520	ug/L	100
33) Benzene	8.323	78	403339	24.966	ug/L	100
34) Trichloroethene	9.091	95	106169	23.896	ug/L	94
35) Methylcyclohexane	9.335	83	164257	22.505	ug/L	98
37) 1,2-Dichloropropane	9.366	63	99109	25.350	ug/L	100
38) Bromodichloromethane	9.646	83	143647	25.868	ug/L	95
39) cis-1,3-Dichloropropene	10.073	75	152488	25.155	ug/L	97
40) 4-Methyl-2-pentanone	10.207	43	138866	56.354	ug/L	98
42) Toluene	10.384	91	454843	25.122	ug/L	99
44) trans-1,3-Dichloropropene	10.603	75	138556	25.607	ug/L	100
45) 1,1,2-Trichloroethane	10.786	97	89412	27.358	ug/L	97
46) Tetrachloroethene	10.866	164	76711	22.975	ug/L	83
48) 2-Hexanone	10.969	43	97090	58.969	ug/L	98
49) Dibromochloromethane	11.128	129	102060	25.946	ug/L	92
50) 1,2-Dibromoethane	11.237	107	86746	26.433	ug/L	100
51) Chlorobenzene	11.652	112	299538	25.095	ug/L	97
52) Ethylbenzene	11.731	91	520504	25.841	ug/L	100
53) m,p-Xylene	11.835	106	202376	25.499	ug/L	93
54) o-Xylene	12.164	106	196530	25.805	ug/L	98
55) Styrene	12.176	104	349121	26.977	ug/L	96
57) 1,1,2,2-Tetrachloroethane	12.713	83	116465	28.530	ug/L	97
59) Bromoform	12.347	173	58021	26.469	ug/L	97
60) Isopropylbenzene	12.463	105	559762	26.416	ug/L	99
61) 1,2,3-Trichloropropane	12.768	75	83890	27.143	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	294578	24.988	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	463092	26.161	ug/L	97
64) 1,3-Dichlorobenzene	13.493	146	239522	25.317	ug/L	90
65) 1,4-Dichlorobenzene	13.578	146	244422	25.012	ug/L	95
67) 1,2-Dichlorobenzene	13.865	146	226845	26.203	ug/L	97
68) 1,2-Dibromo-3-chloropr...	14.481	75	18247	27.015	ug/L	87
69) 1,3,5-Trichlorobenzene	14.627	180	152922	24.351	ug/L	98
70) 1,2,4-trichlorobenzene	15.127	180	128191	25.376	ug/L	97
71) Naphthalene	15.365	128	310157	28.248	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	113042	25.248	ug/L	97

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

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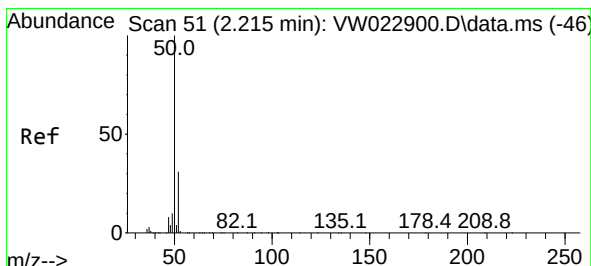
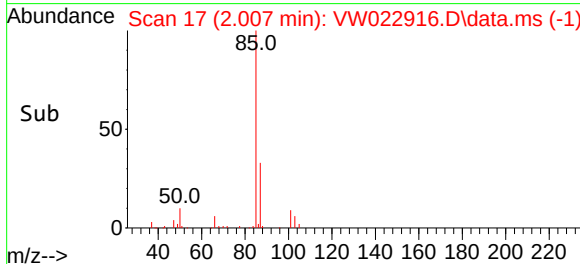
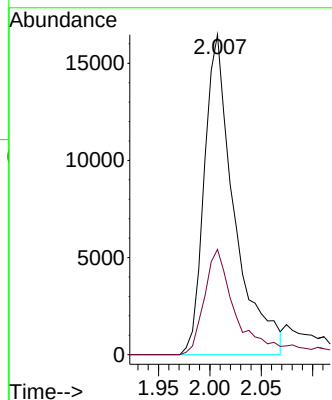
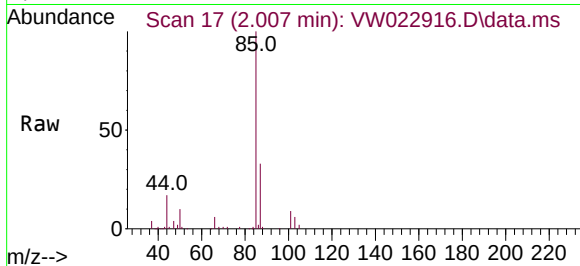




#2
 Dichlorodifluoromethane
 Concen: 22.528 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

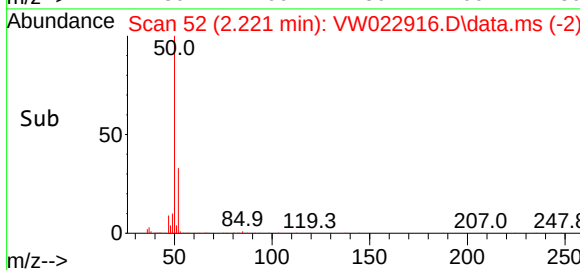
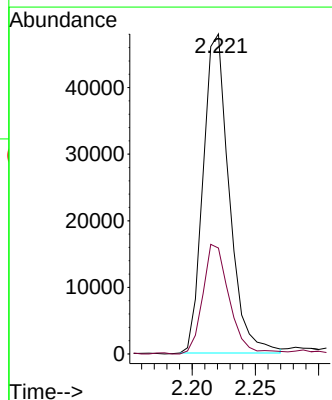
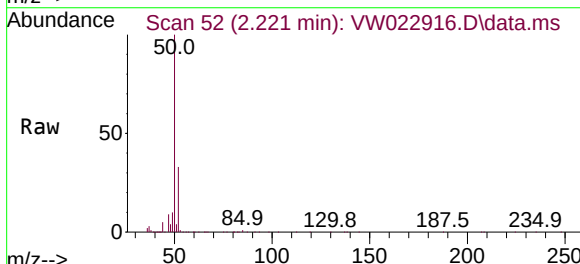
Instrument :
 MSVOA_W
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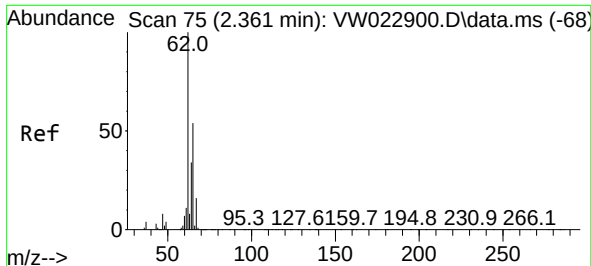
Tgt Ion: 85 Resp: 33408
 Ion Ratio Lower Upper
 85 100
 87 33.4 27.8 41.8



#3
 Chloromethane
 Concen: 23.985 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. 0.006 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

Tgt Ion: 50 Resp: 68732
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.1 42.9



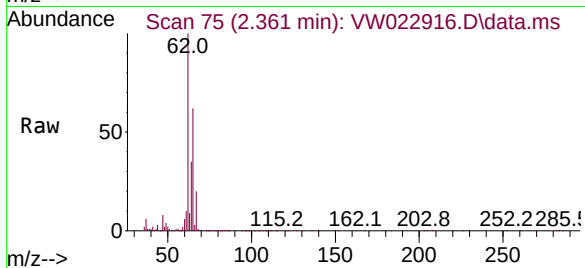


#5
 Vinyl chloride
 Concen: 23.905 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

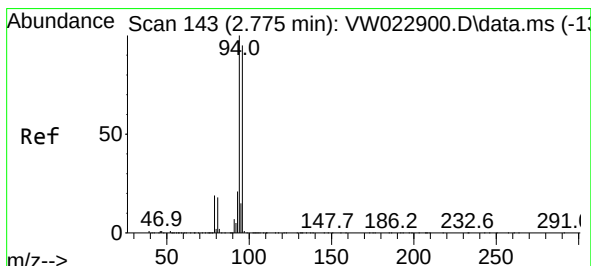
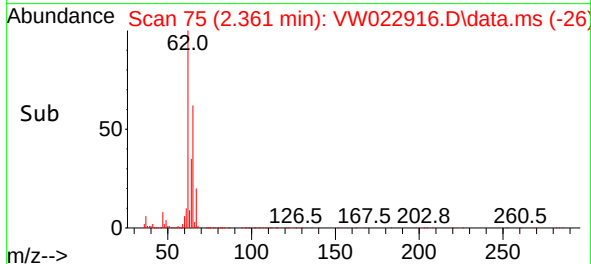
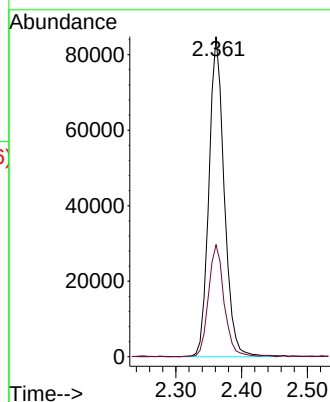
Instrument :

MSVOA_W

ClientSampleId :

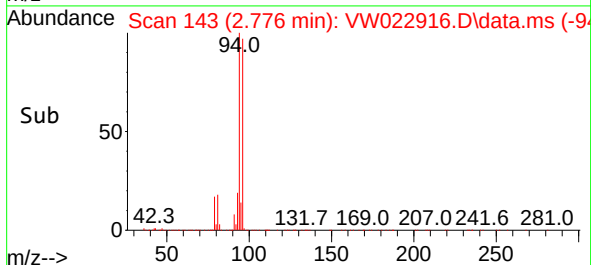
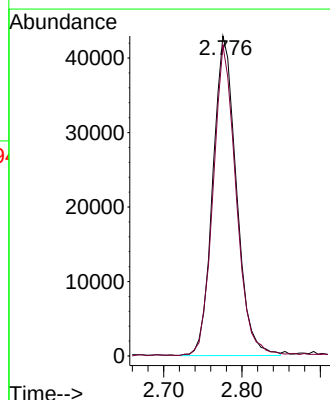
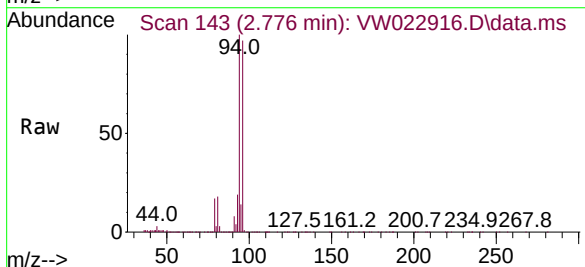


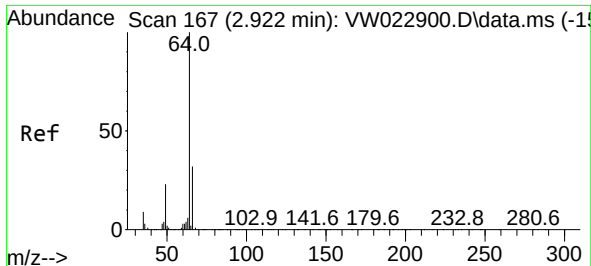
Tgt Ion: 62 Resp: 137477
 Ion Ratio Lower Upper
 62 100
 64 34.9 24.9 46.3



#6
 Bromomethane
 Concen: 24.270 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. 0.000 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

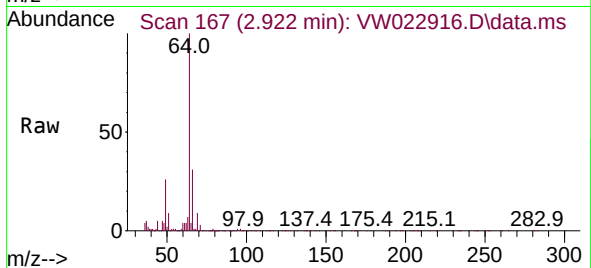
Tgt Ion: 94 Resp: 89615
 Ion Ratio Lower Upper
 94 100
 96 97.1 61.7 114.5



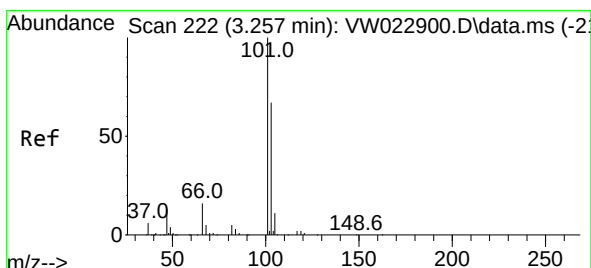
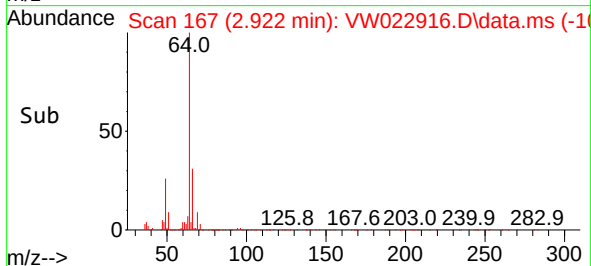
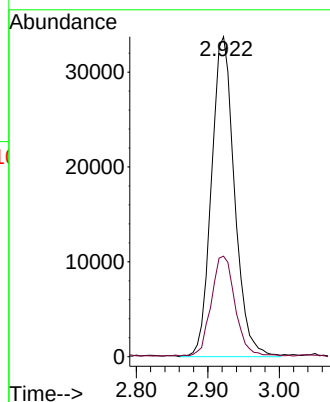


#8
Chloroethane
Concen: 27.231 ug/L
RT: 2.922 min Scan# 167
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Instrument :
MSVOA_W
ClientSampleId :

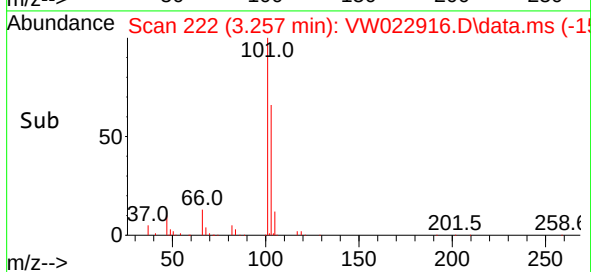
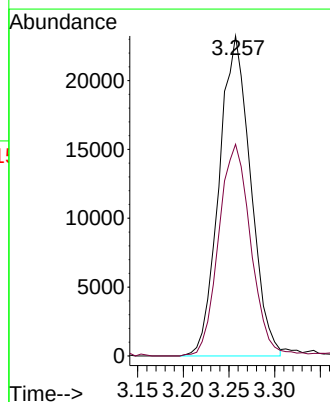
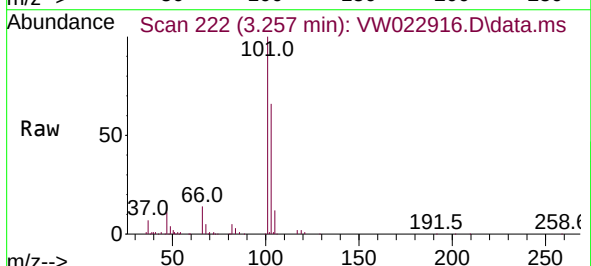


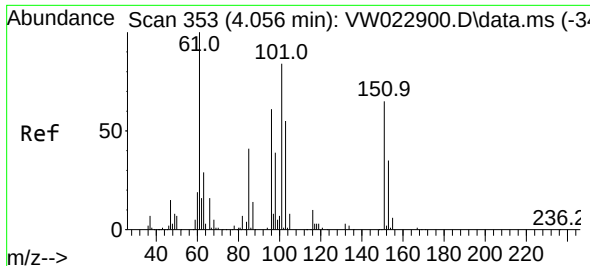
Tgt Ion: 64 Resp: 75535
Ion Ratio Lower Upper
64 100
66 31.4 23.4 43.6



#9
Trichlorofluoromethane
Concen: 21.199 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion: 101 Resp: 55722
Ion Ratio Lower Upper
101 100
103 67.5 53.9 80.9





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 23.779 ug/L

RT: 4.062 min Scan# 3

Delta R.T. 0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :

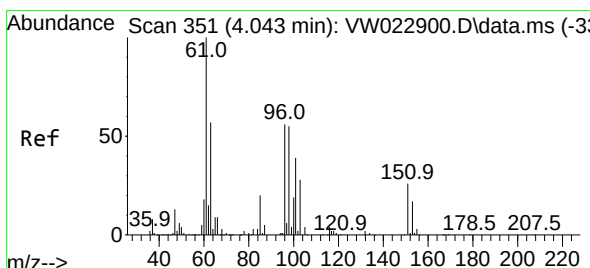
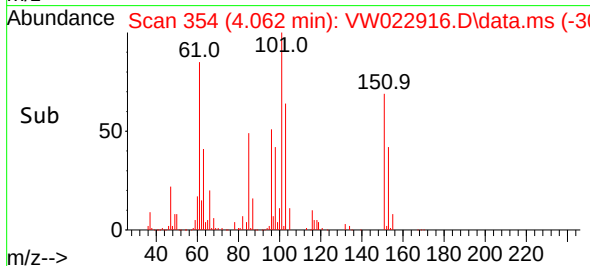
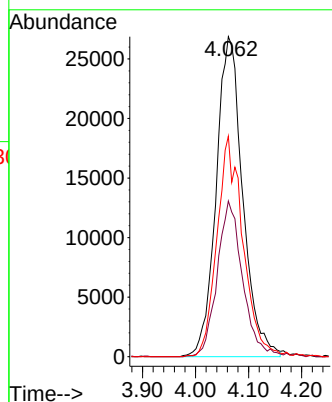
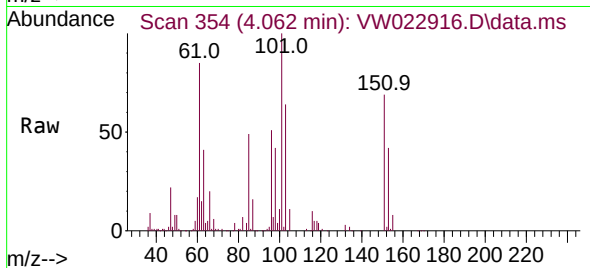
Tgt Ion:101 Resp: 93459

Ion Ratio Lower Upper

101 100

85 46.3 34.3 51.5

151 38.4 54.2 81.2#



#12

1,1-Dichloroethene

Concen: 22.968 ug/L

RT: 4.038 min Scan# 350

Delta R.T. -0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

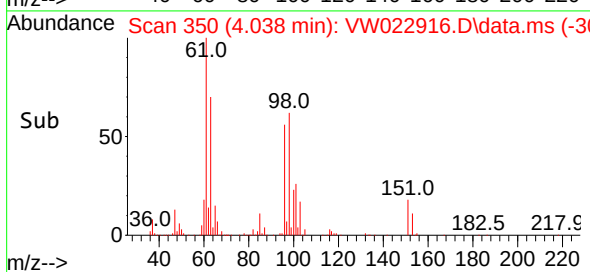
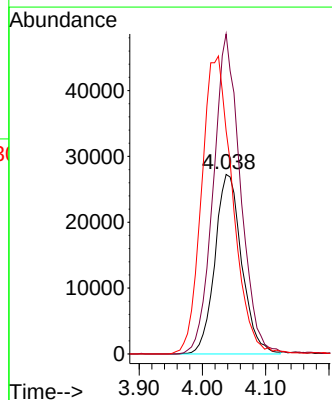
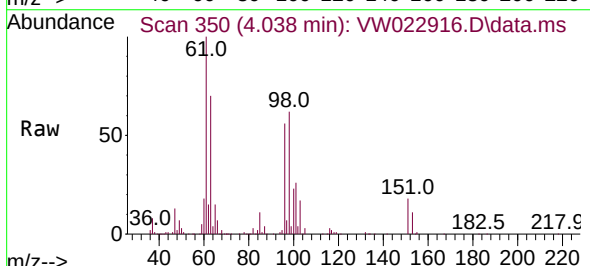
Tgt Ion: 96 Resp: 80024

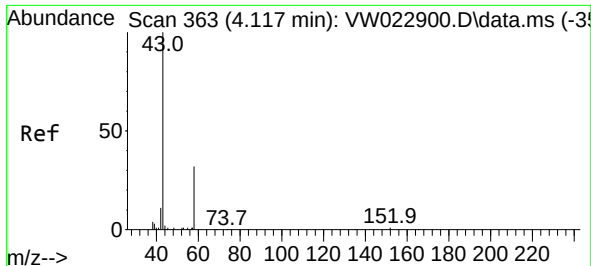
Ion Ratio Lower Upper

96 100

61 178.2 125.7 233.5

63 124.3 83.4 155.0

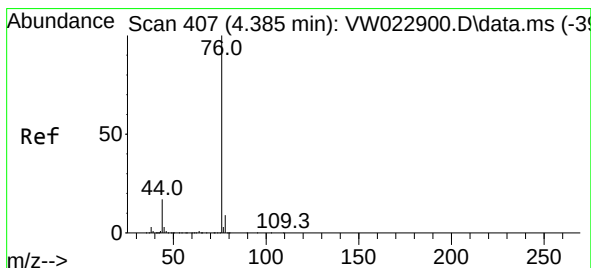
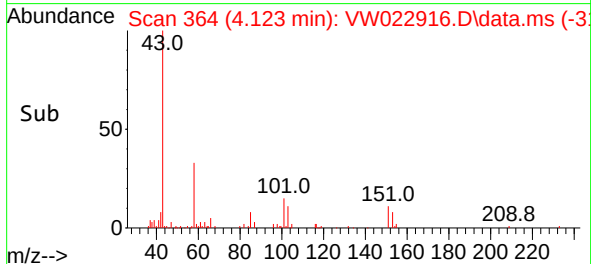
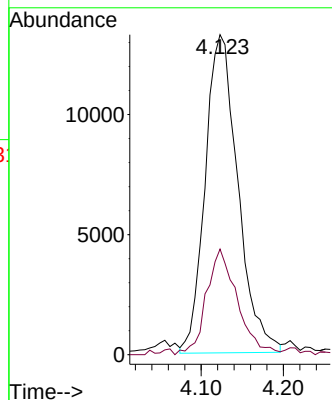
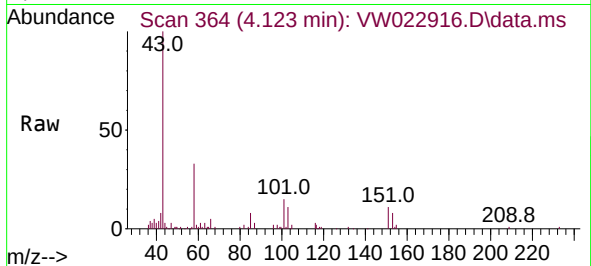




#13
Acetone
Concen: 46.193 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

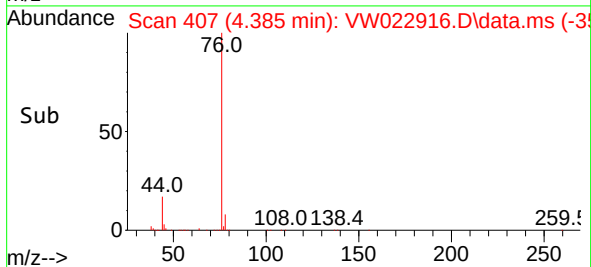
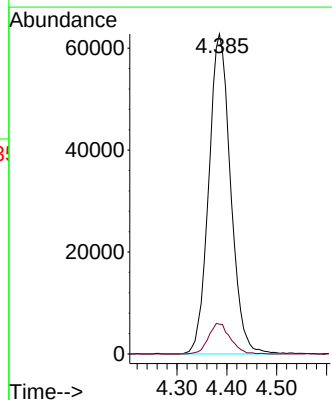
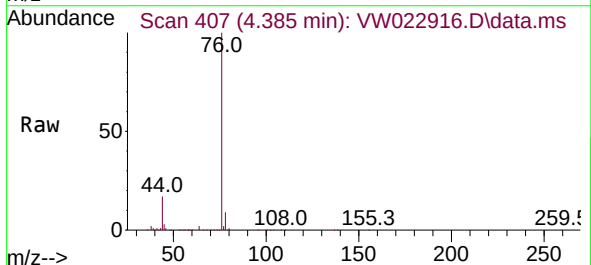
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MSVOA_W
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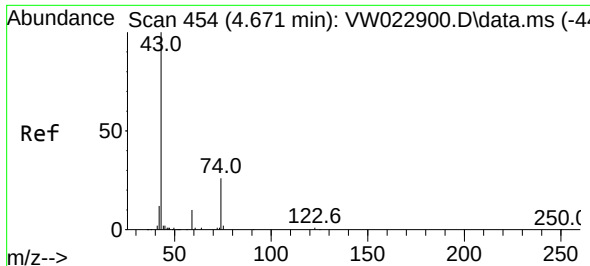
Tgt Ion: 43 Resp: 36699
Ion Ratio Lower Upper
43 100
58 30.8 0.0 64.0



#14
Carbon disulfide
Concen: 20.006 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022916.D
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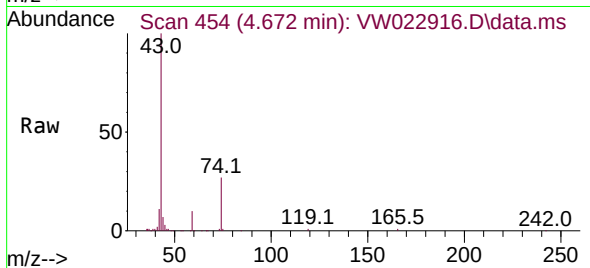
Tgt Ion: 76 Resp: 191097
Ion Ratio Lower Upper
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78 9.3 7.7 11.5



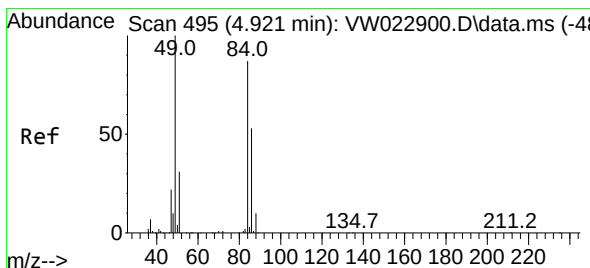
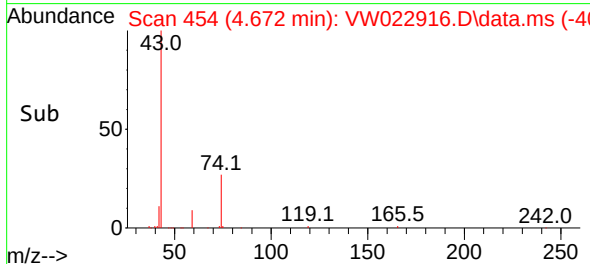
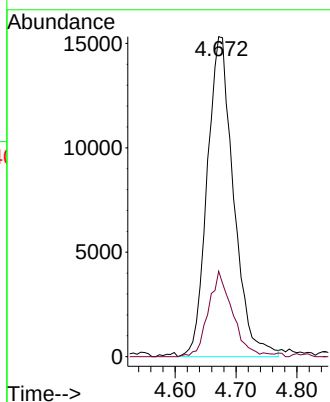


#15
Methyl Acetate
Concen: 28.922 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Instrument :
MSVOA_W
ClientSampleId :

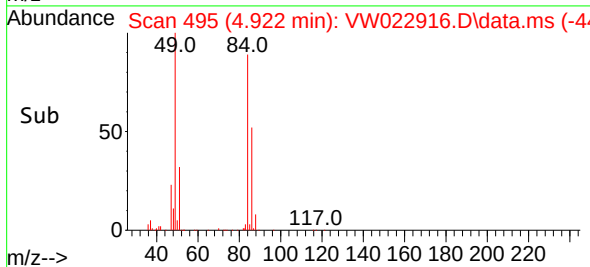
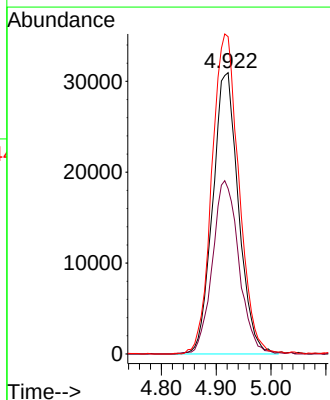
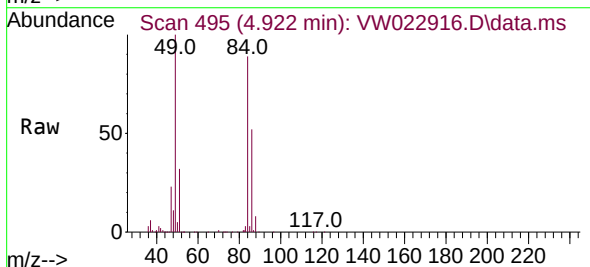


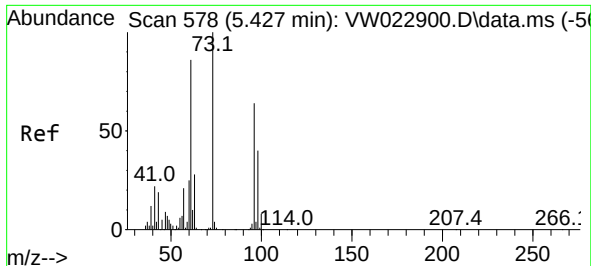
Tgt Ion: 43 Resp: 46162
Ion Ratio Lower Upper
43 100
74 23.9 21.9 32.9



#16
Methylene chloride
Concen: 25.423 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion: 84 Resp: 101197
Ion Ratio Lower Upper
84 100
86 58.8 45.4 84.4
49 112.8 82.5 153.1





#17

trans-1,2-Dichloroethene

Concen: 23.218 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

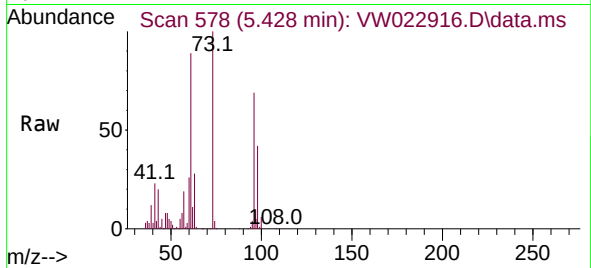
Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :



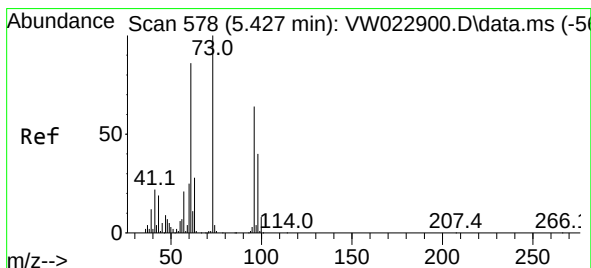
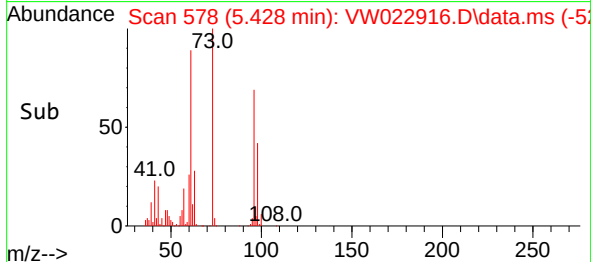
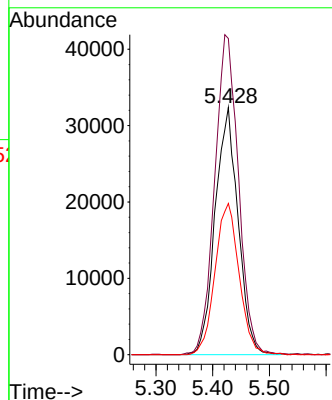
Tgt Ion: 96 Resp: 91033

Ion Ratio Lower Upper

96 100

61 127.9 92.2 171.2

98 61.2 42.9 79.7



#18

Methyl tert-butyl Ether

Concen: 27.392 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

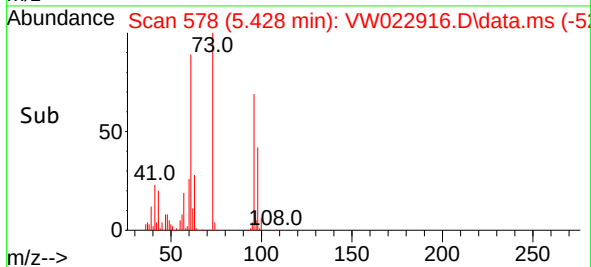
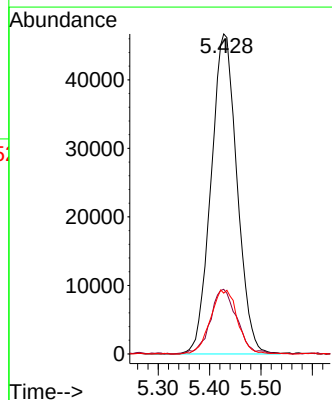
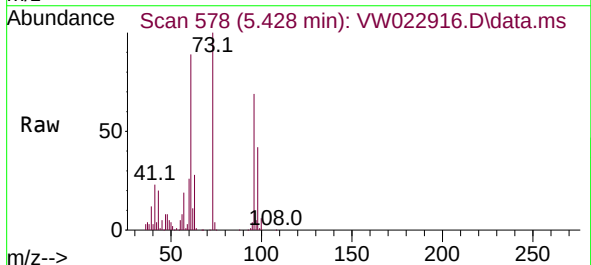
Tgt Ion: 73 Resp: 163949

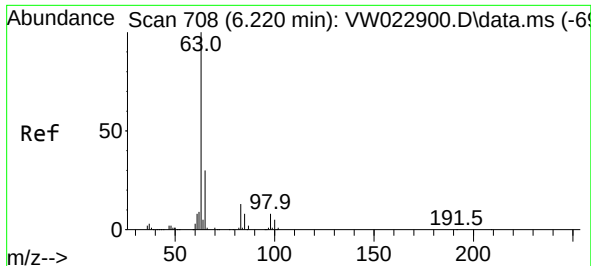
Ion Ratio Lower Upper

73 100

43 20.3 15.9 23.9

57 20.8 16.5 24.7





#19

1,1-Dichloroethane

Concen: 25.852 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :

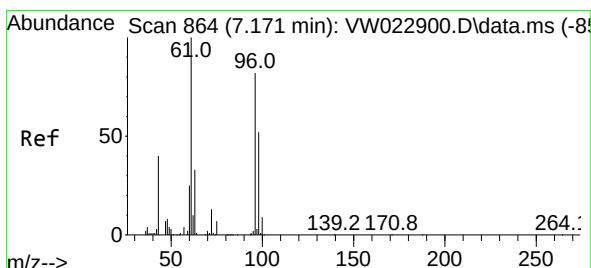
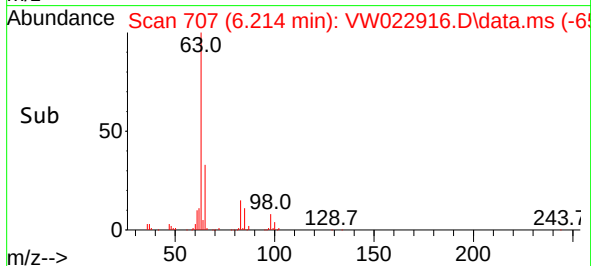
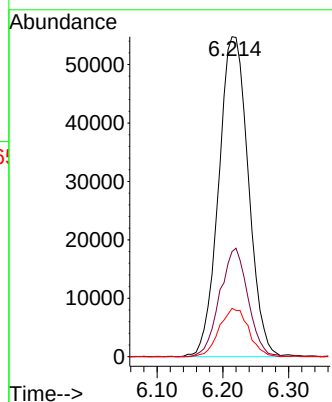
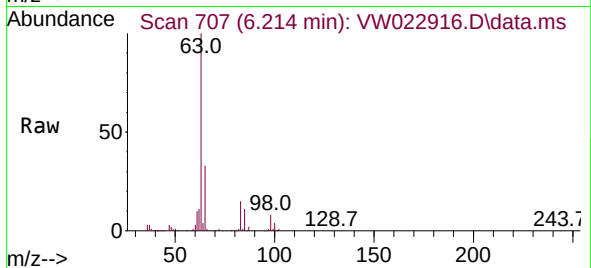
Tgt Ion: 63 Resp: 171792

Ion Ratio Lower Upper

63 100

65 32.9 23.3 43.3

83 15.1 11.1 20.5



#20

cis-1,2-Dichloroethene

Concen: 25.521 ug/L

RT: 7.165 min Scan# 863

Delta R.T. -0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

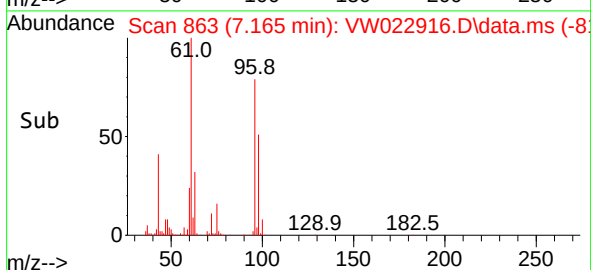
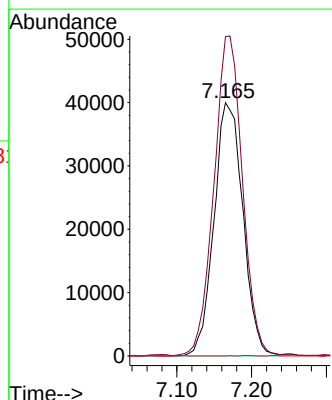
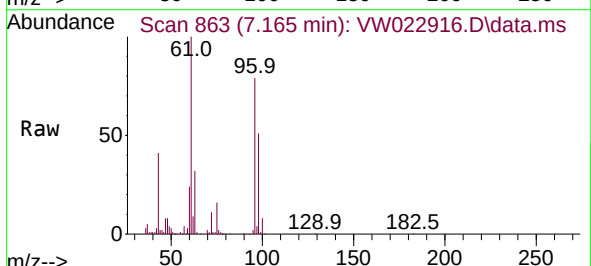
Tgt Ion: 96 Resp: 107478

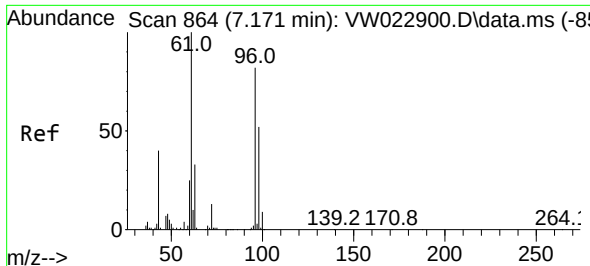
Ion Ratio Lower Upper

96 100

61 126.2 84.2 156.4

68 0.0 0.1 0.1#

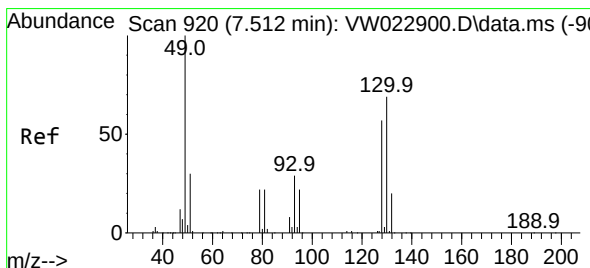
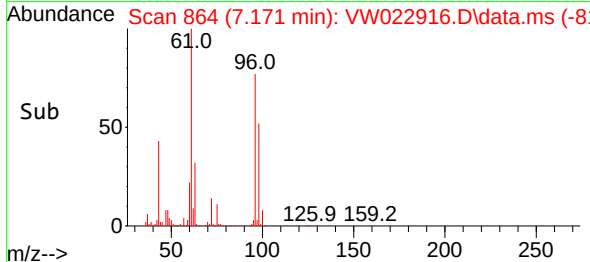
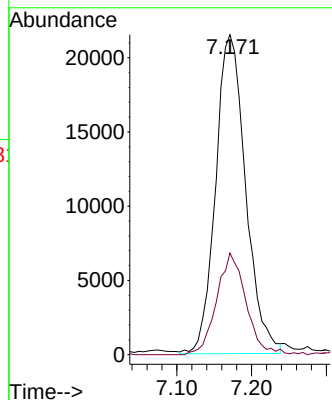
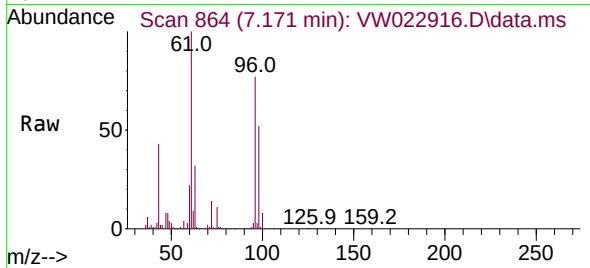




#22
2-Butanone
Concen: 54.048 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

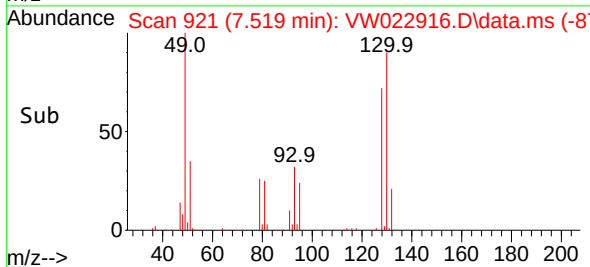
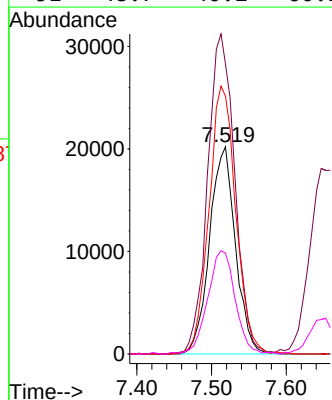
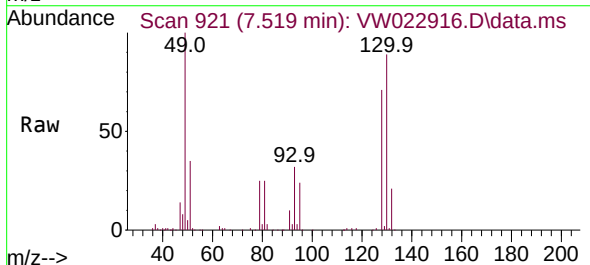
Instrument :
MSVOA_W
ClientSampleId :

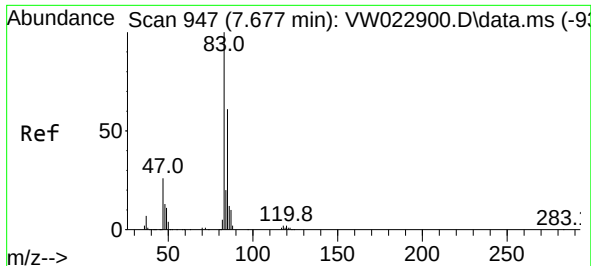
Tgt Ion: 43 Resp: 60051
Ion Ratio Lower Upper
43 100
72 31.0 15.1 45.3



#23
Bromochloromethane
Concen: 24.660 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion: 128 Resp: 48636
Ion Ratio Lower Upper
128 100
49 140.0 110.0 204.4
130 124.4 94.8 176.0
51 48.7 40.2 60.2

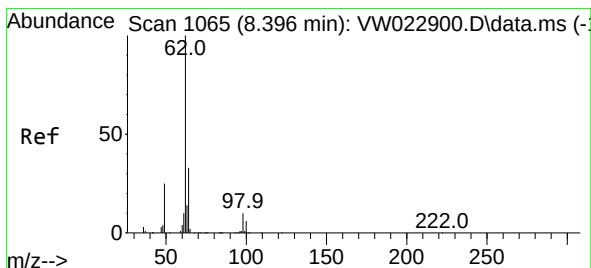
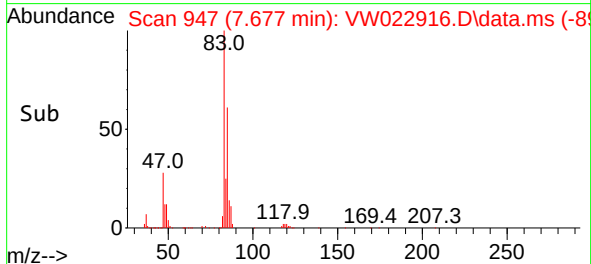
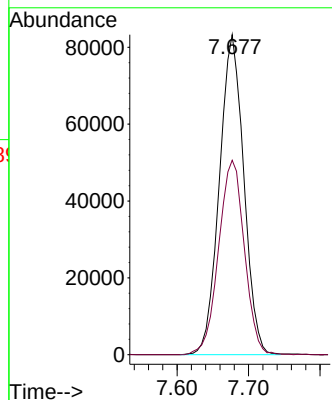
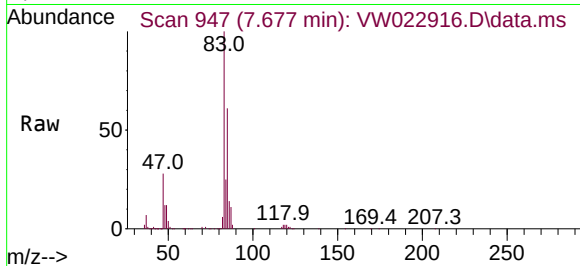




#25
Chloroform
Concen: 26.846 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

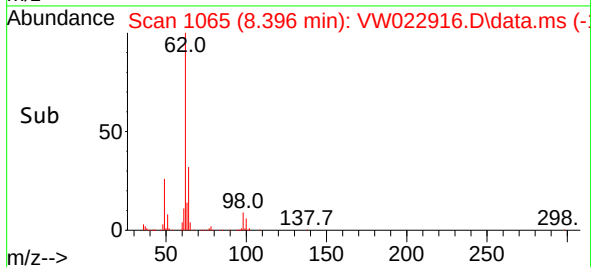
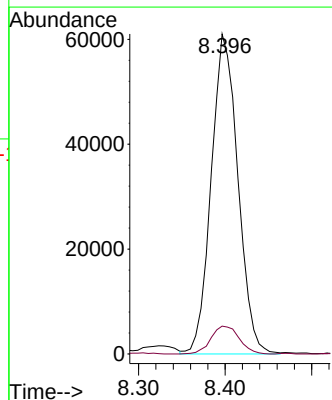
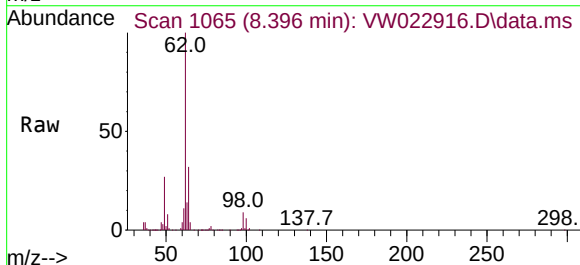
Instrument :
MSVOA_W
ClientSampleId :

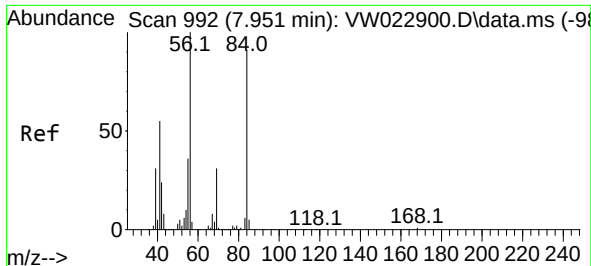
Tgt Ion: 83 Resp: 197259
Ion Ratio Lower Upper
83 100
85 60.7 46.6 86.6



#27
1,2-Dichloroethane
Concen: 26.661 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion: 62 Resp: 130585
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#29

Cyclohexane

Concen: 22.523 ug/L

RT: 7.958 min Scan# 992

Delta R.T. 0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

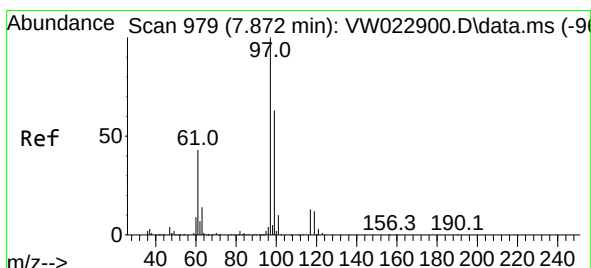
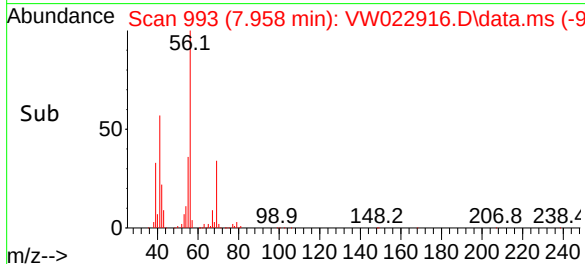
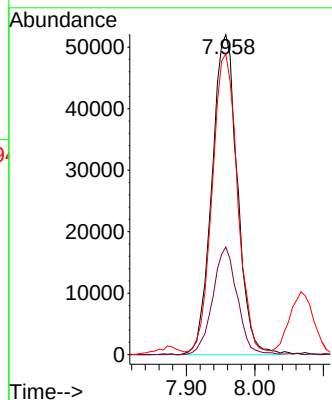
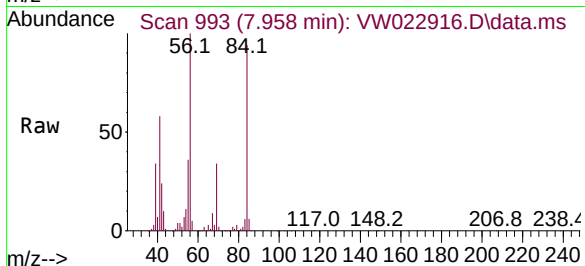
Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 56 Resp: 133583

Ion	Ratio	Lower	Upper
56	100		
69	32.3	25.6	38.4
84	94.0	78.2	117.4



#30

1,1,1-Trichloroethane

Concen: 24.460 ug/L

RT: 7.872 min Scan# 979

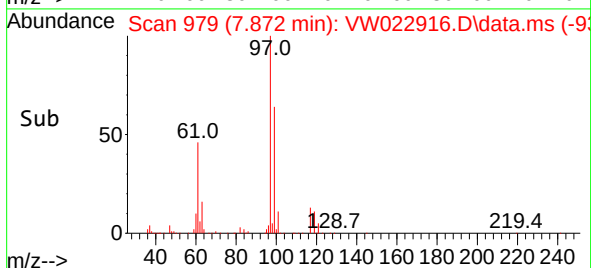
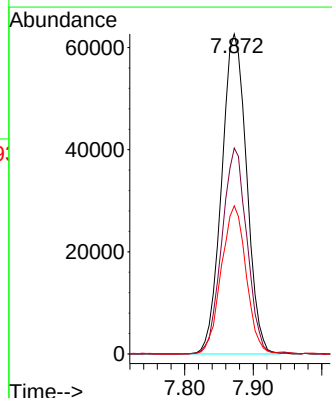
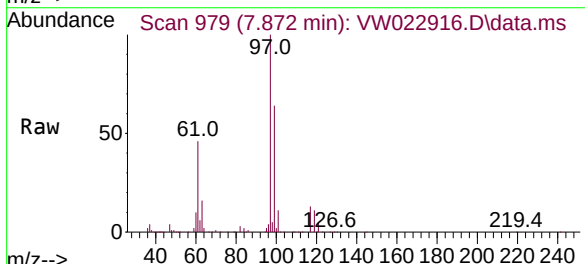
Delta R.T. 0.000 min

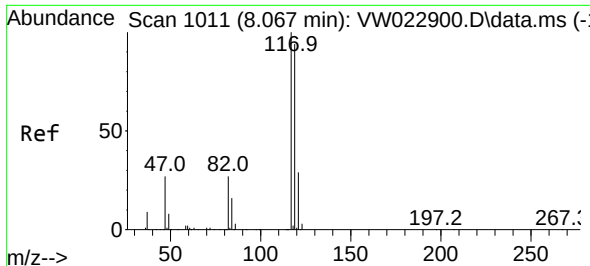
Lab File: VW022916.D

Acq: 07 May 2022 02:34

Tgt Ion: 97 Resp: 158518

Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.0	76.4
61	46.2	34.8	52.2

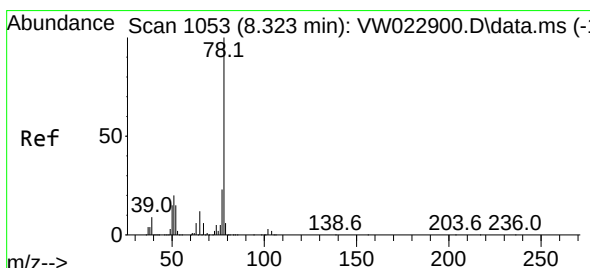
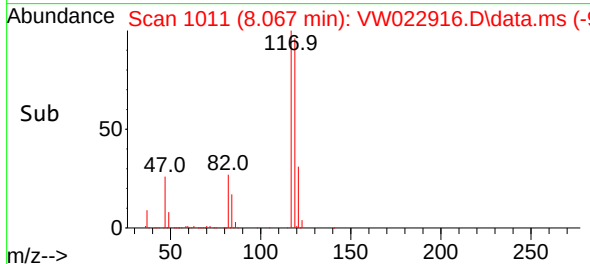
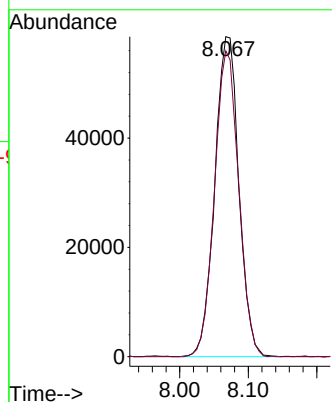
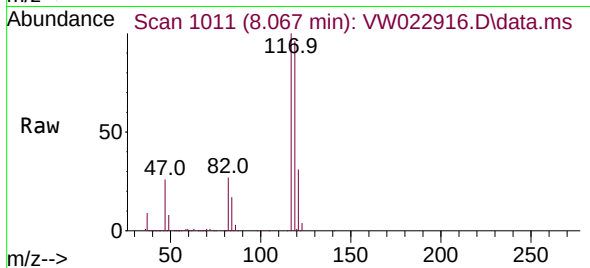




#31
Carbon tetrachloride
Concen: 23.520 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

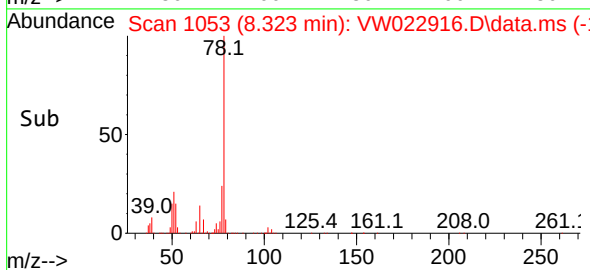
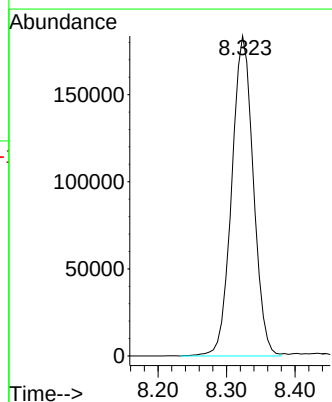
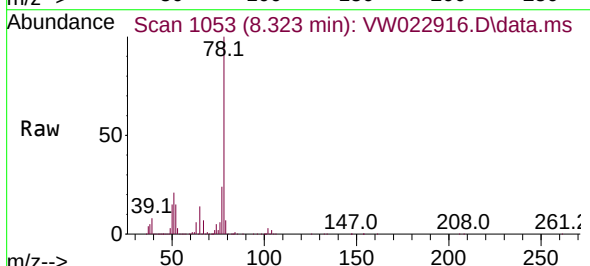
Instrument :
MSVOA_W
ClientSampleId :

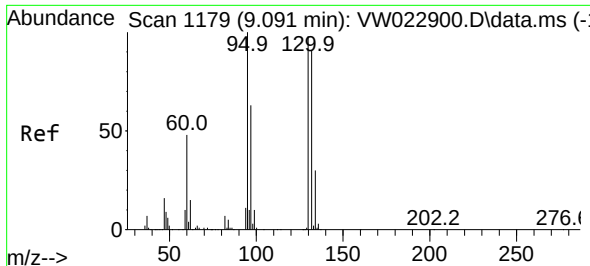
Tgt Ion:117 Resp: 142583
Ion Ratio Lower Upper
117 100
119 96.2 76.6 115.0



#33
Benzene
Concen: 24.966 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

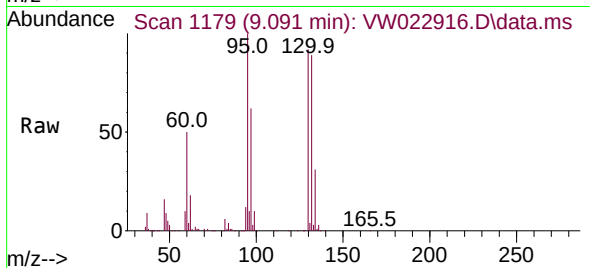
Tgt Ion: 78 Resp: 403339



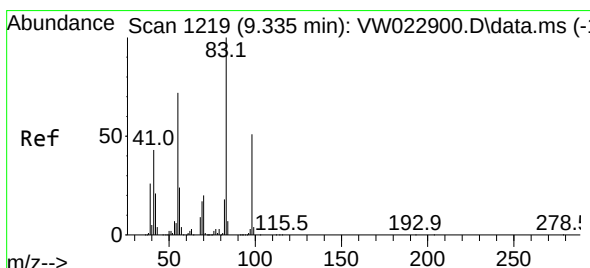
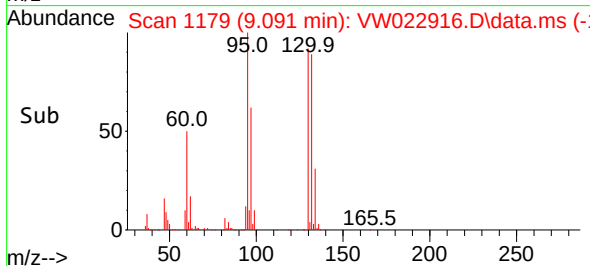
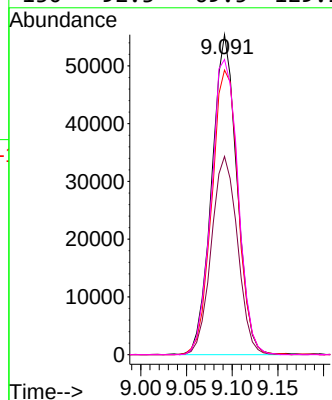


#34
Trichloroethene
Concen: 23.896 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Instrument :
MSVOA_W
ClientSampleId :

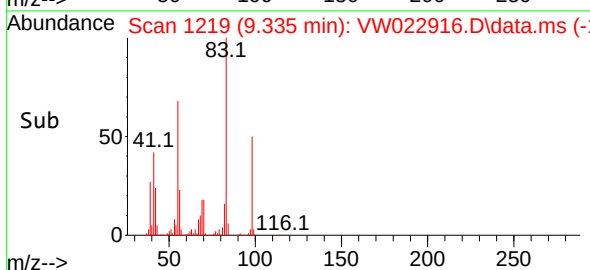
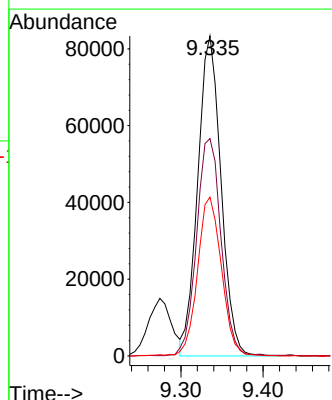
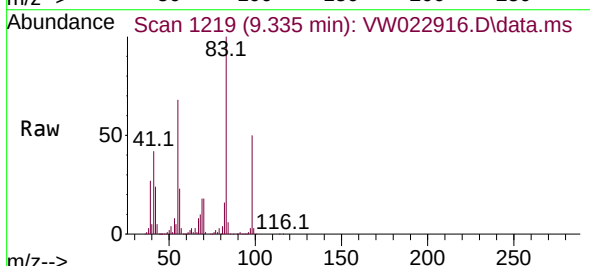


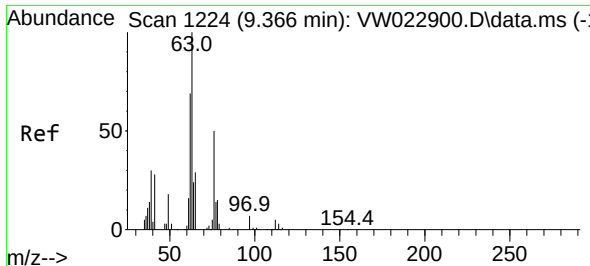
Tgt Ion: 95 Resp: 106169
Ion Ratio Lower Upper
95 100
97 62.0 46.1 85.7
132 89.0 66.9 124.3
130 92.3 69.5 129.1



#35
Methylcyclohexane
Concen: 22.505 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion: 83 Resp: 164257
Ion Ratio Lower Upper
83 100
55 71.3 55.1 82.7
98 50.7 40.4 60.6





#37

1,2-Dichloropropane

Concen: 25.350 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

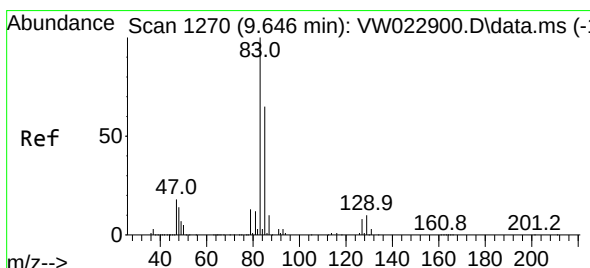
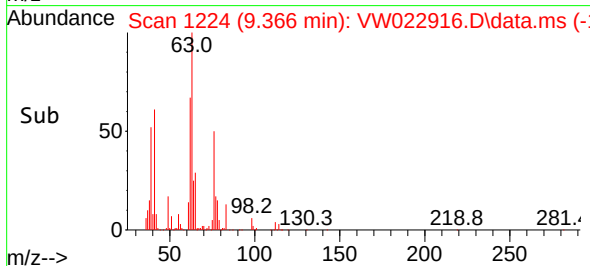
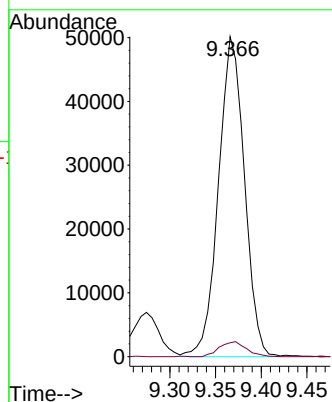
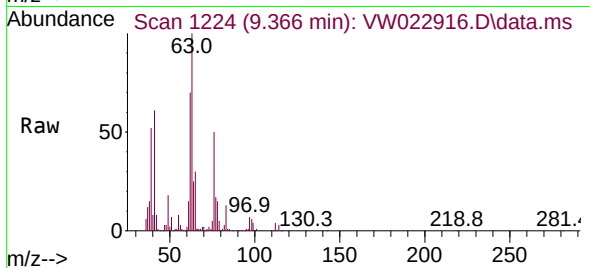
ClientSampleId :

Tgt Ion: 63 Resp: 99109

Ion Ratio Lower Upper

63 100

112 4.9 3.8 5.8



#38

Bromodichloromethane

Concen: 25.868 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

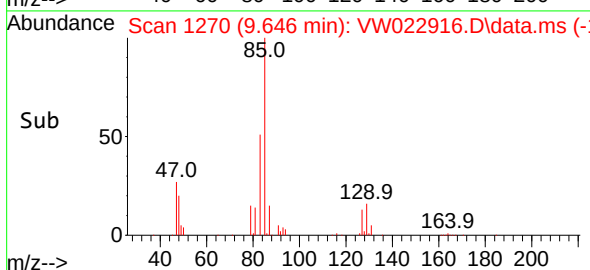
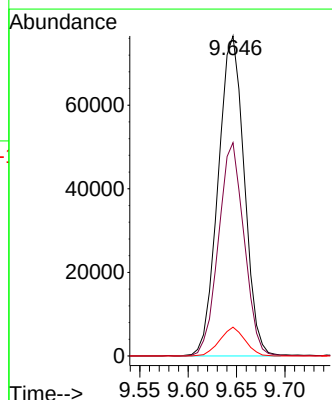
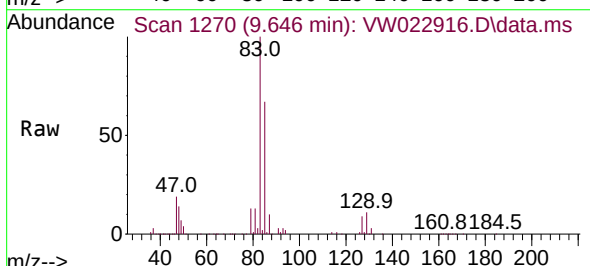
Tgt Ion: 83 Resp: 143647

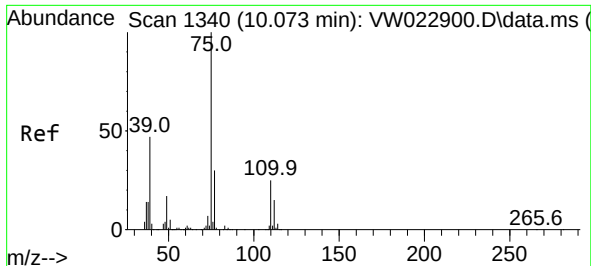
Ion Ratio Lower Upper

83 100

85 66.7 43.5 80.7

127 9.0 7.1 10.7





#39

cis-1,3-Dichloropropene

Concen: 25.155 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

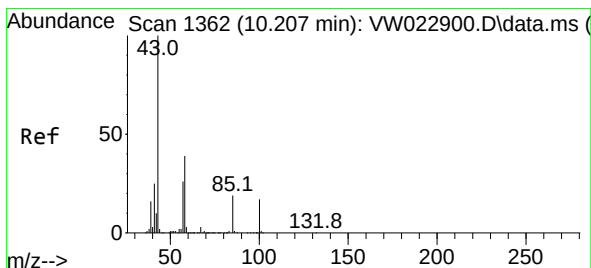
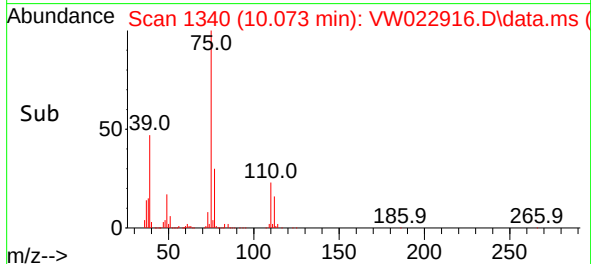
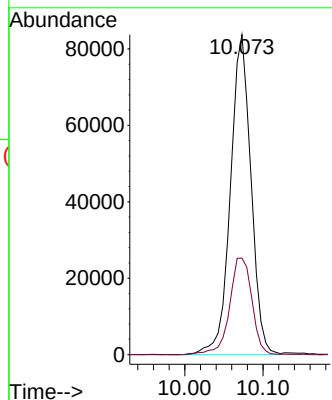
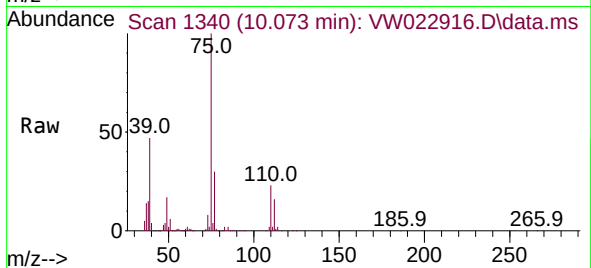
ClientSampleId :

Tgt Ion: 75 Resp: 152488

Ion Ratio Lower Upper

75 100

77 30.2 22.1 41.1



#40

4-Methyl-2-pentanone

Concen: 56.354 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

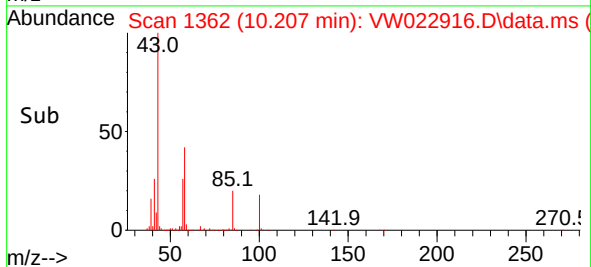
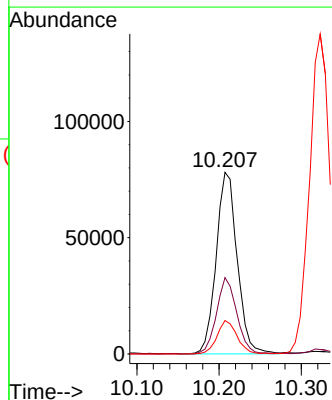
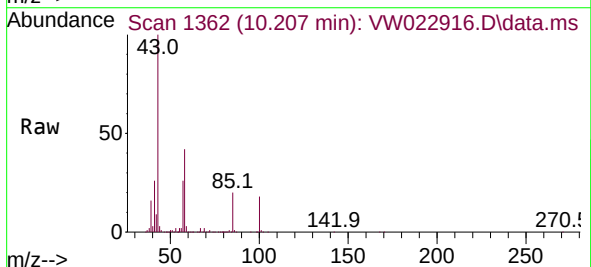
Tgt Ion: 43 Resp: 138866

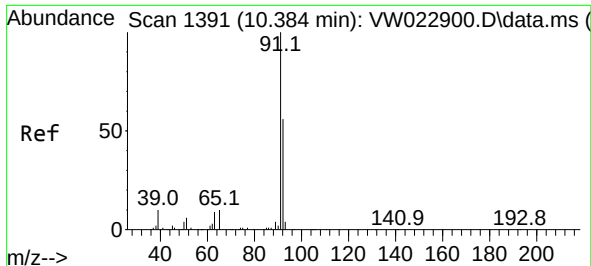
Ion Ratio Lower Upper

43 100

58 40.8 31.4 47.2

100 17.6 14.2 21.4

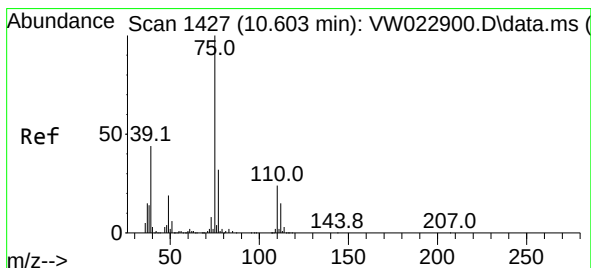
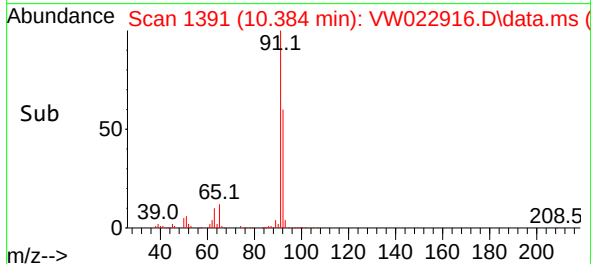
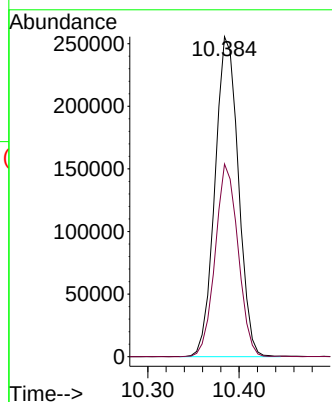
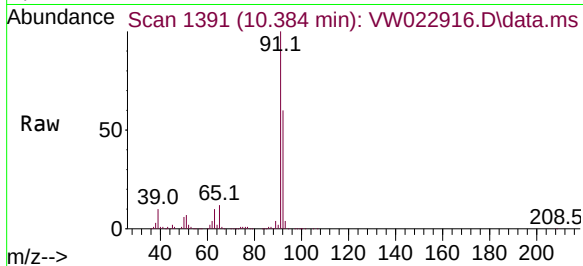




#42
Toluene
Concen: 25.122 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

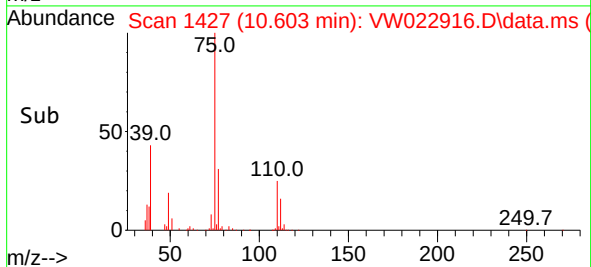
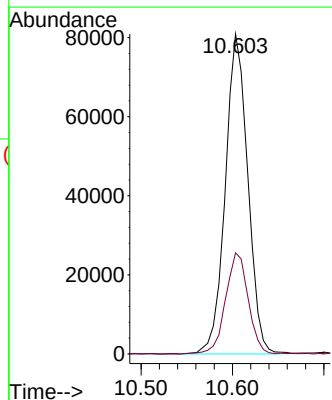
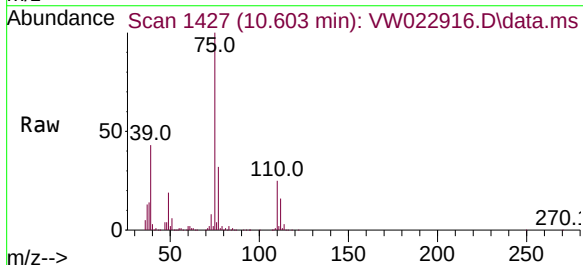
Instrument :
MSVOA_W
ClientSampleId :

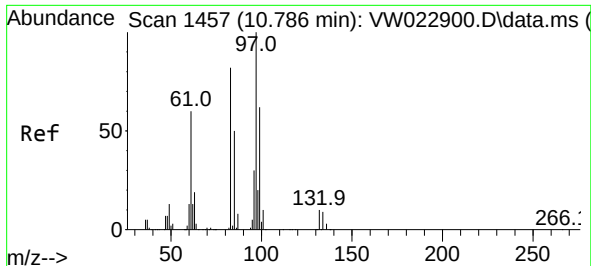
Tgt Ion: 91 Resp: 454843
Ion Ratio Lower Upper
91 100
92 60.2 41.6 77.2



#44
trans-1,3-Dichloropropene
Concen: 25.607 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

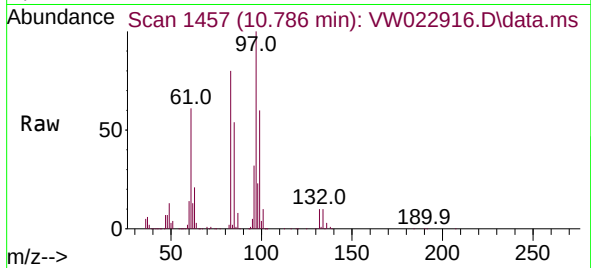
Tgt Ion: 75 Resp: 138556
Ion Ratio Lower Upper
75 100
77 31.6 22.0 40.8



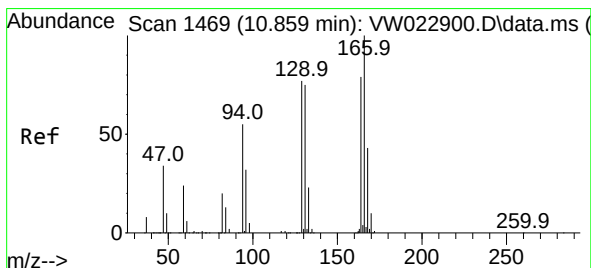
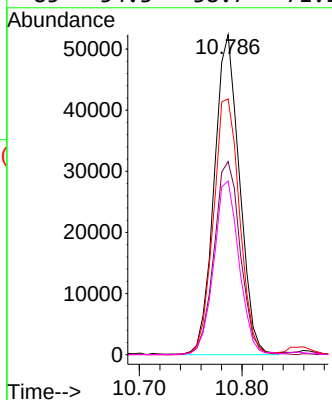
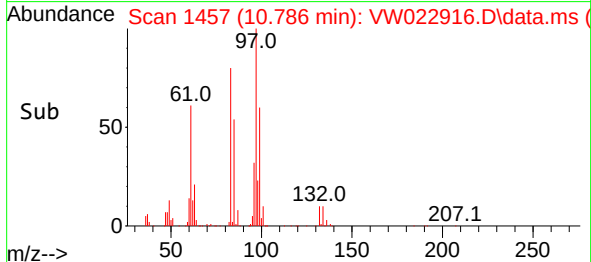


#45
1,1,2-Trichloroethane
Concen: 27.358 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

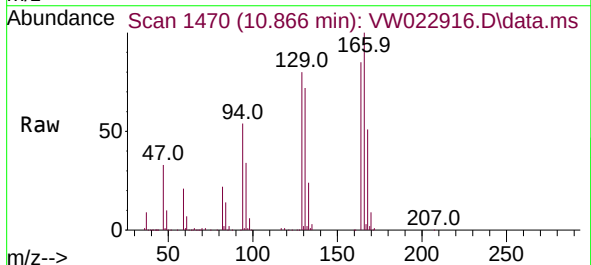
Instrument :
MSVOA_W
ClientSampleId :



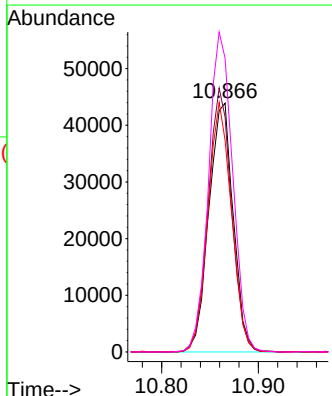
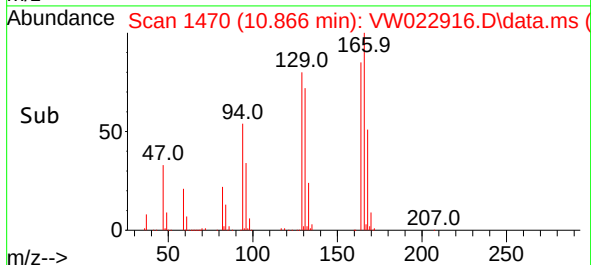
Tgt Ion:	97	Resp:	89412
Ion	Ratio	Lower	Upper
97	100		
99	60.4	44.7	82.9
83	80.0	58.4	108.4
85	54.3	38.7	71.9

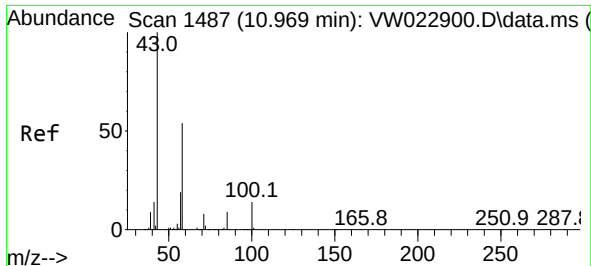


#46
Tetrachloroethene
Concen: 22.975 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34



Tgt Ion:	164	Resp:	76711
Ion	Ratio	Lower	Upper
164	100		
129	94.5	76.9	142.7
131	85.2	75.1	139.5
166	118.1	96.0	178.2

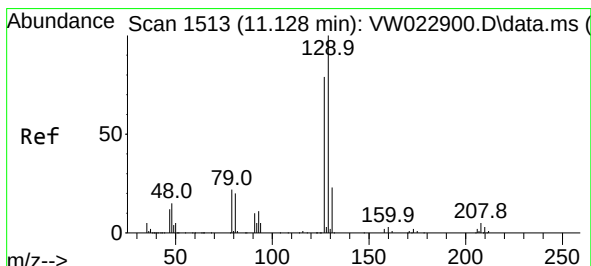
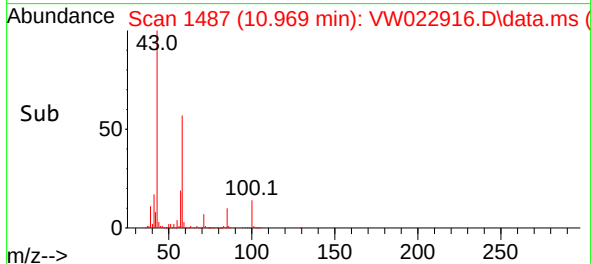
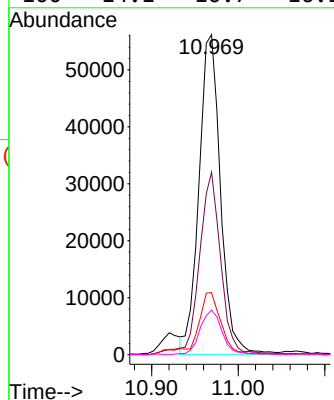
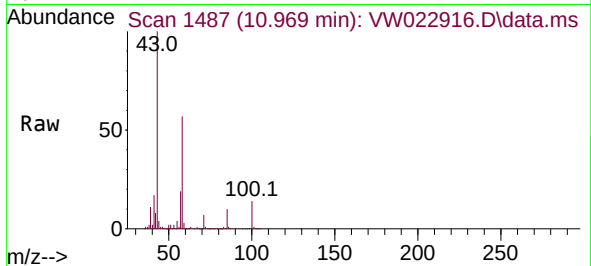




#48
2-Hexanone
Concen: 58.969 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

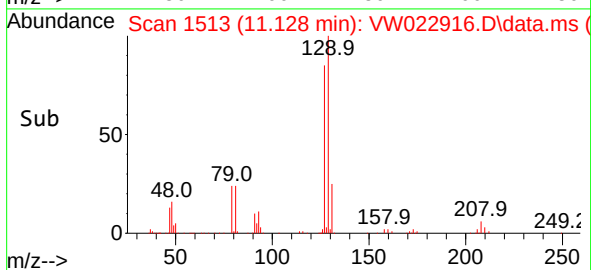
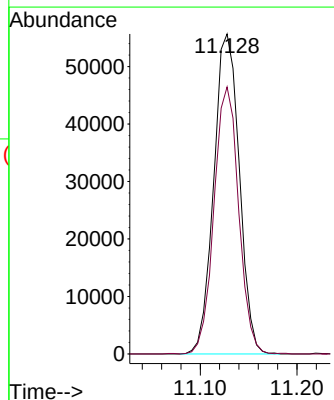
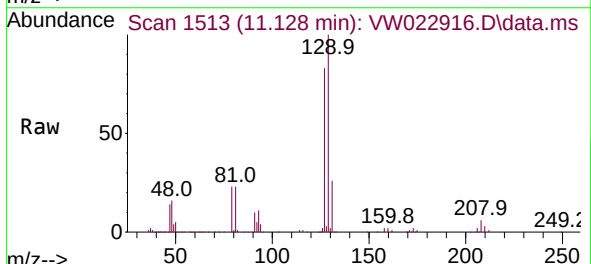
Instrument :
MSVOA_W
ClientSampleId :

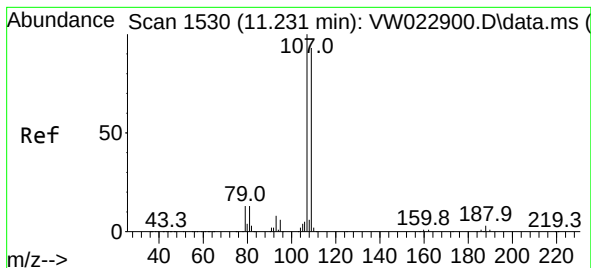
Tgt Ion:	43	Resp:	97090
Ion	Ratio	Lower	Upper
43	100		
58	55.9	45.9	68.9
57	18.9	16.2	24.2
100	14.1	10.7	16.1



#49
Dibromochloromethane
Concen: 25.946 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion:	129	Resp:	102060
Ion	Ratio	Lower	Upper
129	100		
127	83.5	53.8	100.0





#50

1,2-Dibromoethane

Concen: 26.433 ug/L

RT: 11.237 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :

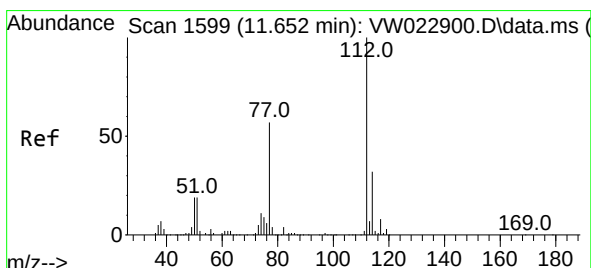
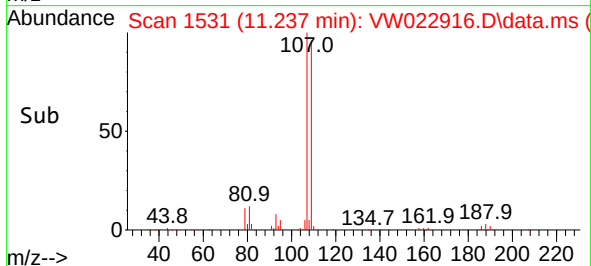
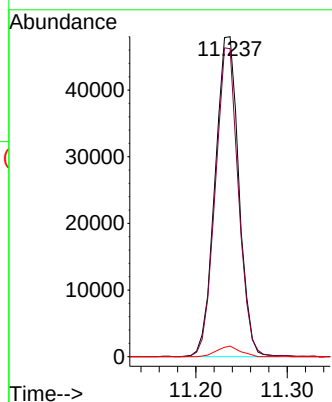
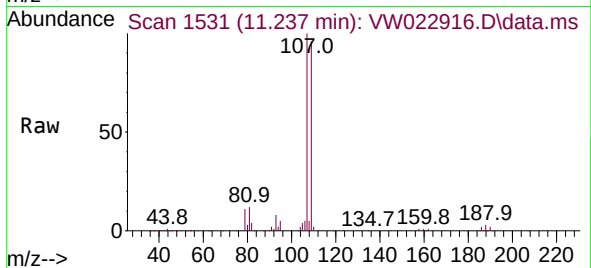
Tgt Ion:107 Resp: 86746

Ion Ratio Lower Upper

107 100

109 96.3 67.5 125.4

188 3.4 2.9 4.3



#51

Chlorobenzene

Concen: 25.095 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

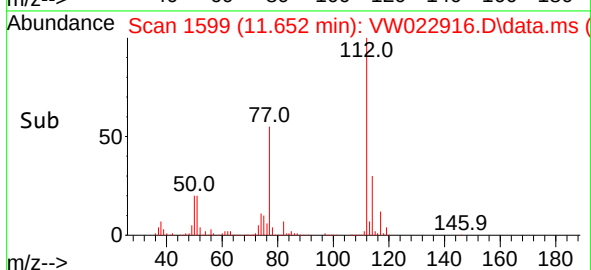
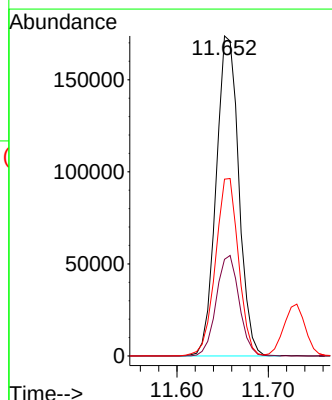
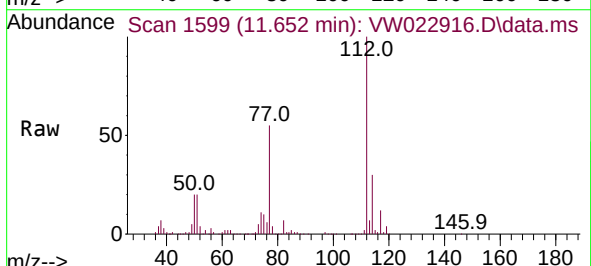
Tgt Ion:112 Resp: 299538

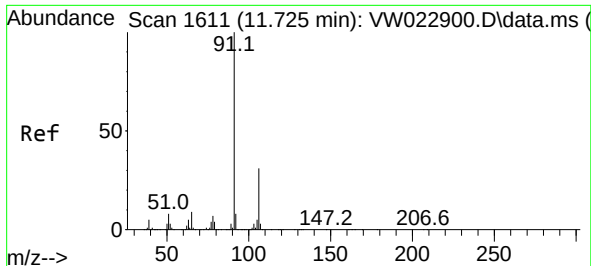
Ion Ratio Lower Upper

112 100

114 30.2 22.0 41.0

77 55.3 42.6 63.8





#52

Ethylbenzene

Concen: 25.841 ug/L

RT: 11.731 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

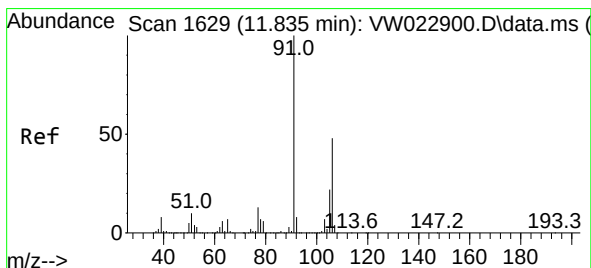
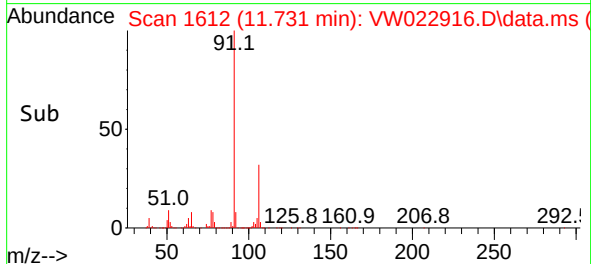
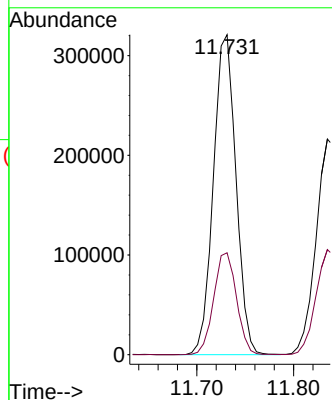
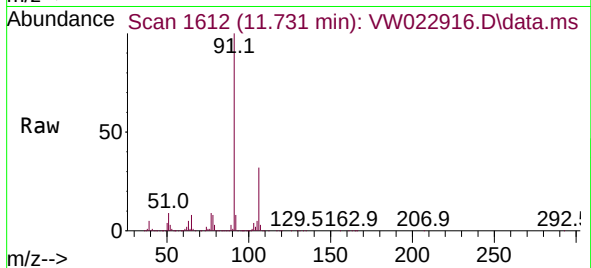
ClientSampleId :

Tgt Ion: 91 Resp: 520504

Ion Ratio Lower Upper

91 100

106 31.8 22.3 41.3



#53

m,p-Xylene

Concen: 25.499 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. 0.000 min

Lab File: VW022916.D

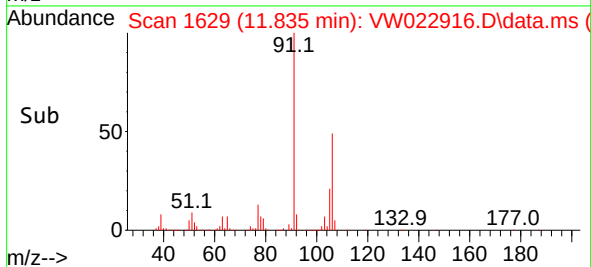
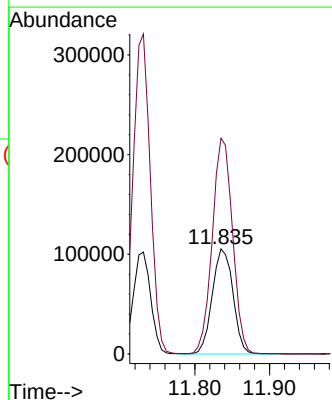
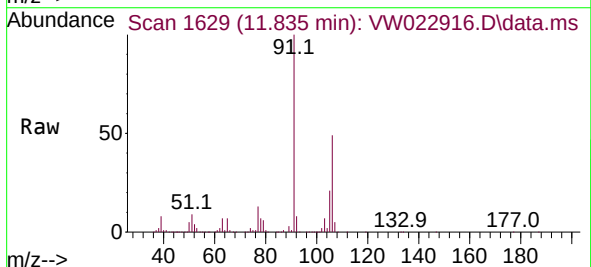
Acq: 07 May 2022 02:34

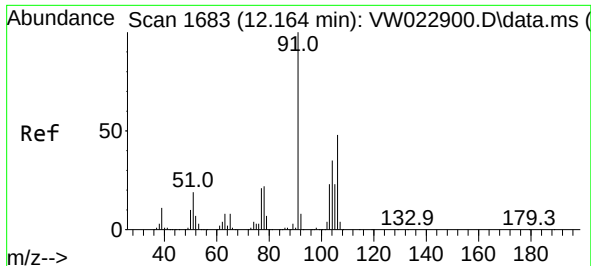
Tgt Ion:106 Resp: 202376

Ion Ratio Lower Upper

106 100

91 205.1 136.8 254.0

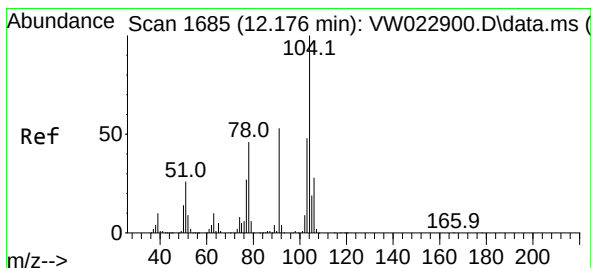
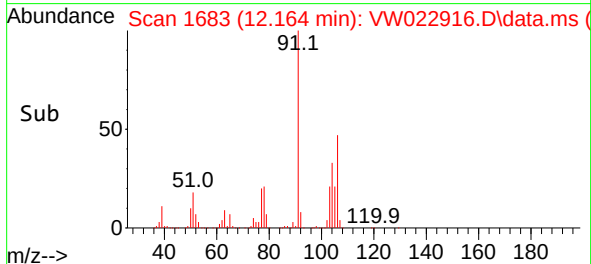
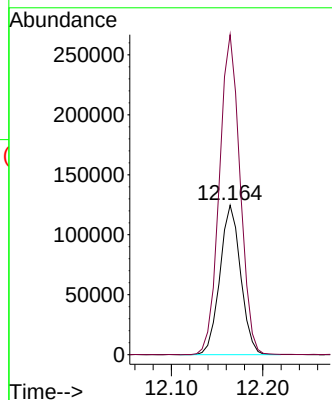
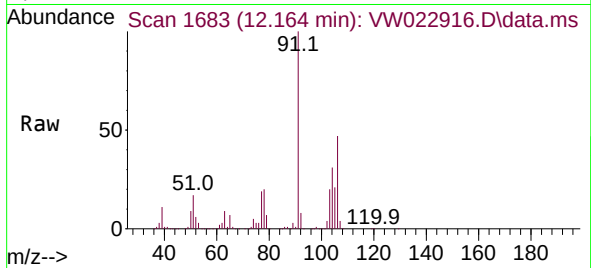




#54
o-Xylene
Concen: 25.805 ug/L
RT: 12.164 min Scan# 1
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

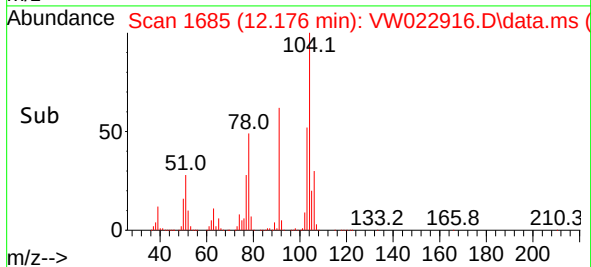
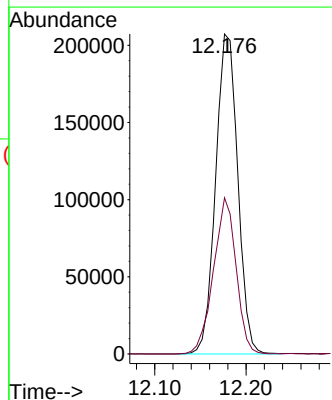
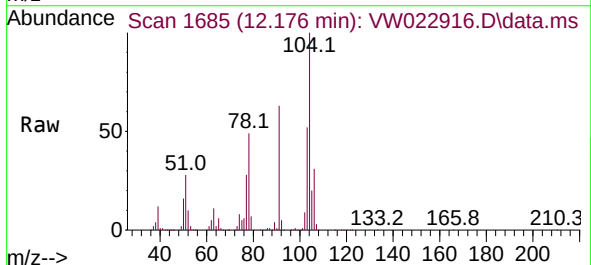
Instrument :
MSVOA_W
ClientSampleId :

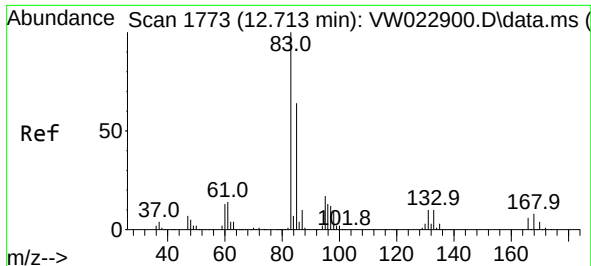
Tgt Ion:106 Resp: 196530
Ion Ratio Lower Upper
106 100
91 214.2 147.2 273.4



#55
Styrene
Concen: 26.977 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion:104 Resp: 349121
Ion Ratio Lower Upper
104 100
78 48.8 32.3 59.9





#57

1,1,2,2-Tetrachloroethane

Concen: 28.530 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :

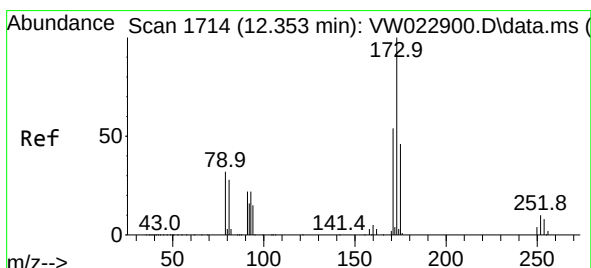
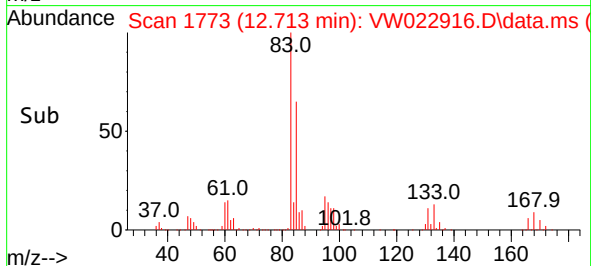
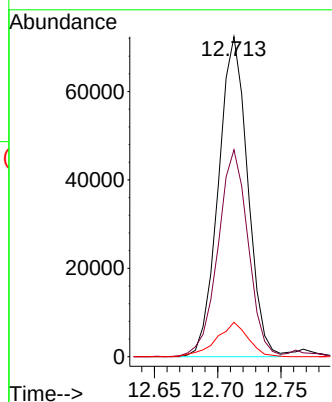
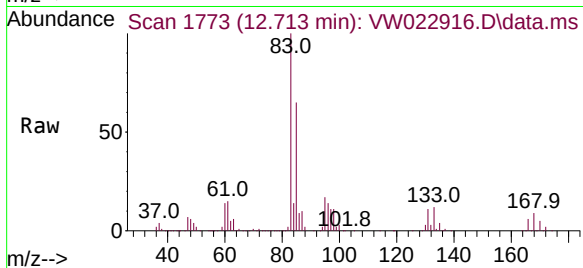
Tgt Ion: 83 Resp: 116465

Ion Ratio Lower Upper

83 100

85 64.7 47.5 88.1

131 10.8 8.7 13.1



#59

Bromoform

Concen: 26.469 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

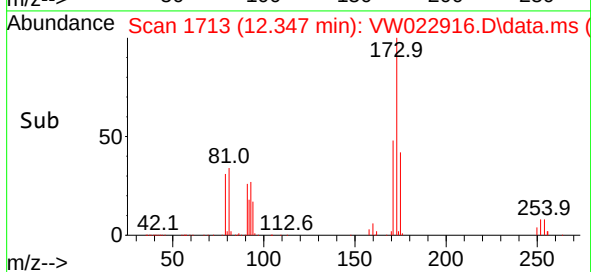
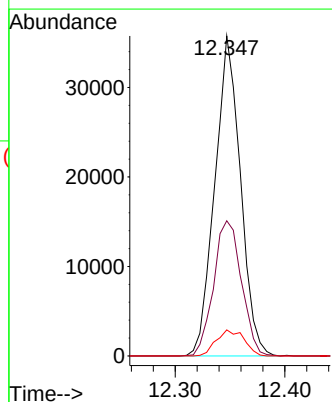
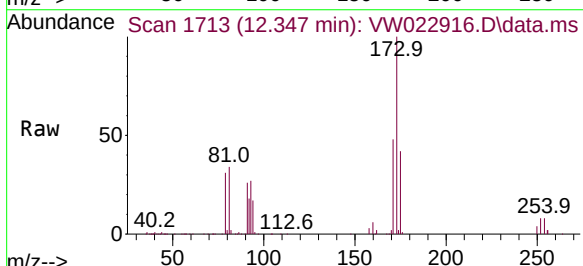
Tgt Ion: 173 Resp: 58021

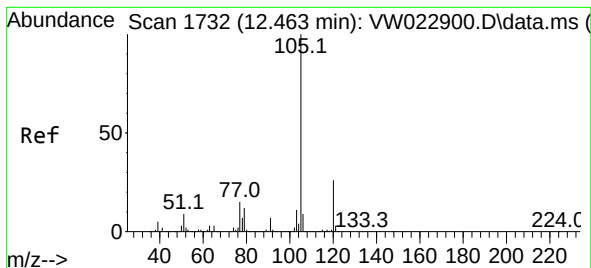
Ion Ratio Lower Upper

173 100

175 45.9 38.1 57.1

254 8.9 6.5 9.7





#60

Isopropylbenzene

Concen: 26.416 ug/L

RT: 12.463 min Scan# 1732

Delta R.T. 0.000 min

Lab File: VW022916.D

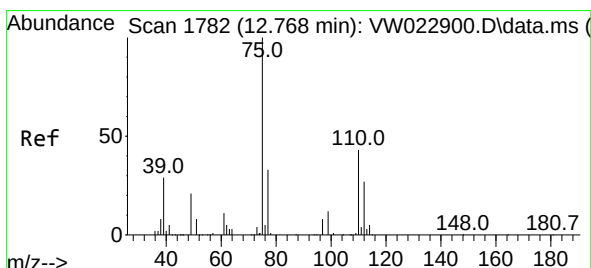
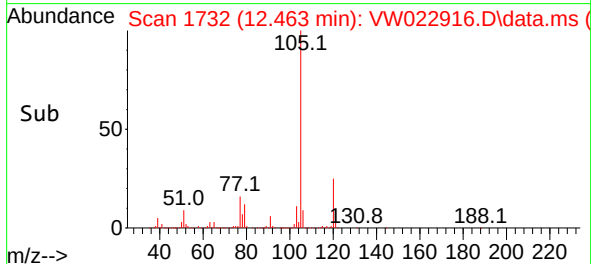
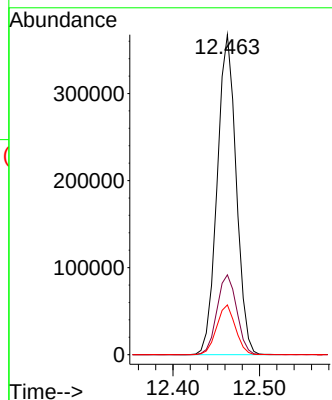
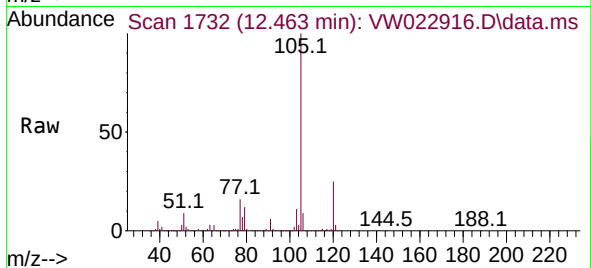
Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:	105	Resp:	559762
Ion Ratio	Lower	Upper	
105	100		
120	26.0	21.3	31.9
77	15.4	12.6	19.0



#61

1,2,3-Trichloropropane

Concen: 27.143 ug/L

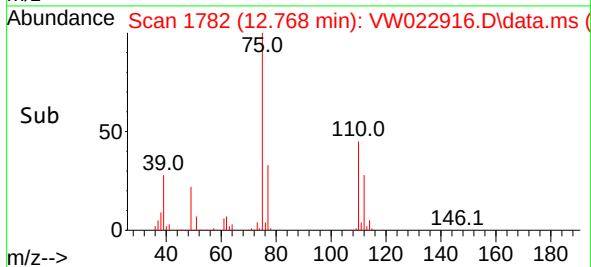
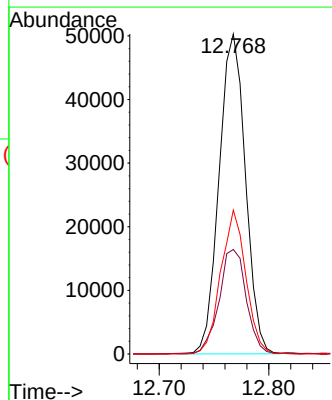
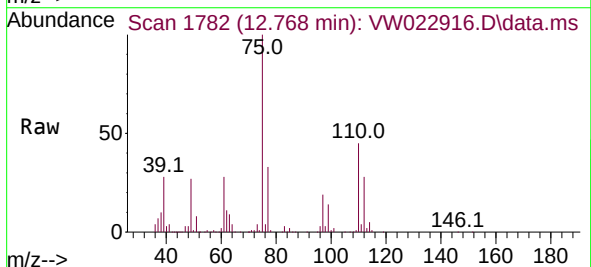
RT: 12.768 min Scan# 1782

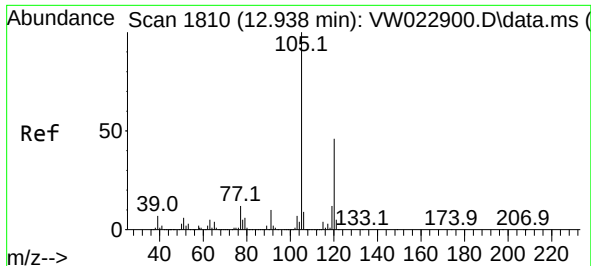
Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

Tgt Ion:	75	Resp:	83890
Ion Ratio	Lower	Upper	
75	100		
77	33.3	26.2	39.2
110	42.8	34.1	51.1

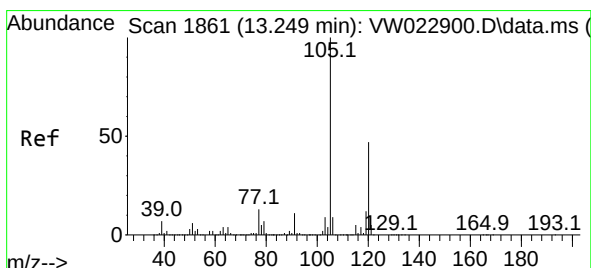
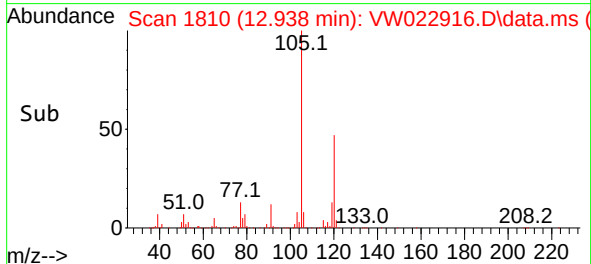
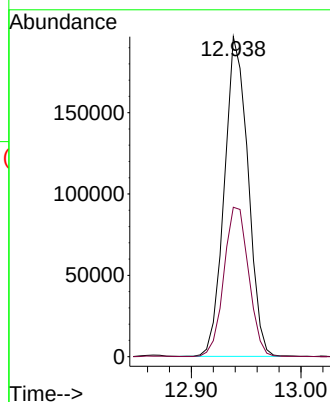
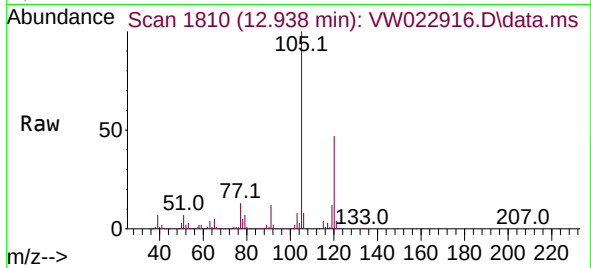




#62
 1,3,5-Trimethylbenzene
 Concen: 24.988 ug/L
 RT: 12.938 min Scan# 1810
 Delta R.T. 0.000 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

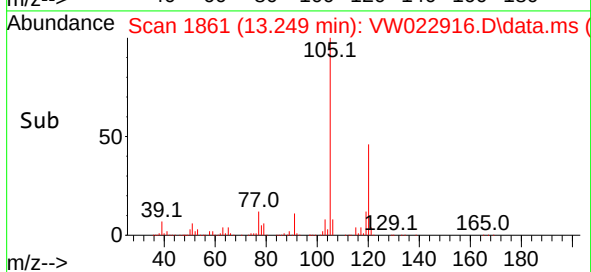
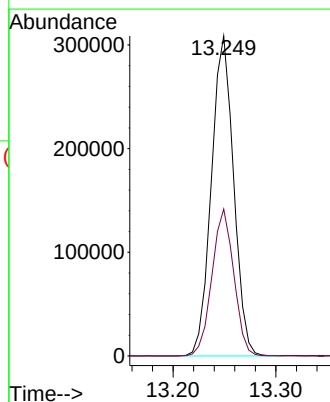
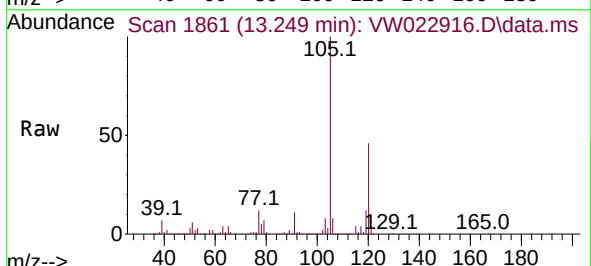
Instrument :
 MSVOA_W
 ClientSampleId :

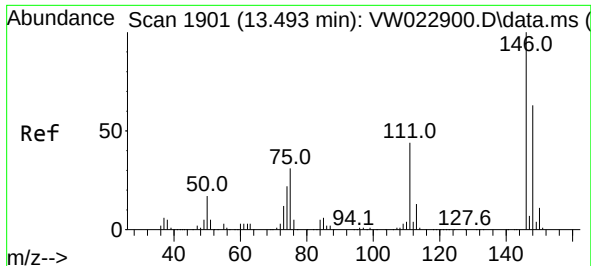
Tgt Ion:105 Resp: 294578
 Ion Ratio Lower Upper
 105 100
 120 49.2 38.9 58.3



#63
 1,2,4-Trimethylbenzene
 Concen: 26.161 ug/L
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

Tgt Ion:105 Resp: 463092
 Ion Ratio Lower Upper
 105 100
 120 45.1 37.4 56.2

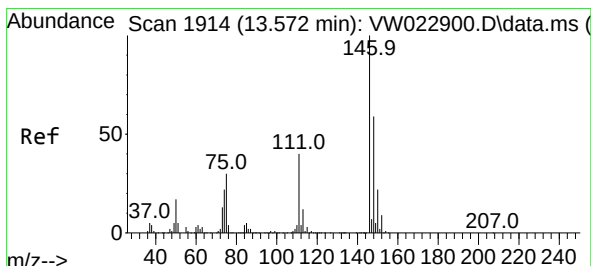
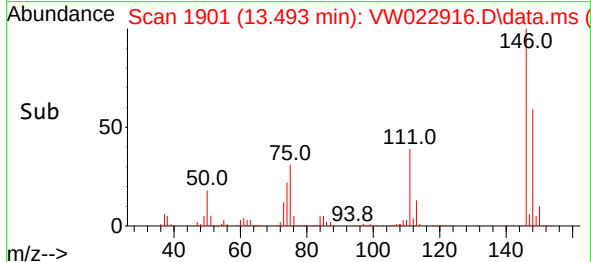
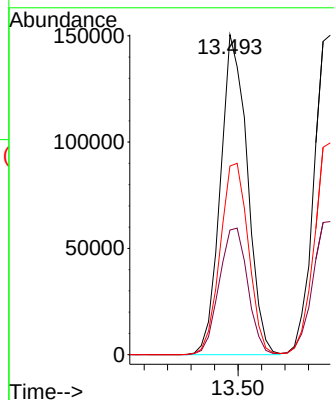
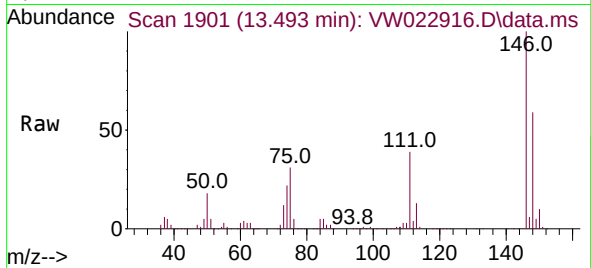




#64
1,3-Dichlorobenzene
Concen: 25.317 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

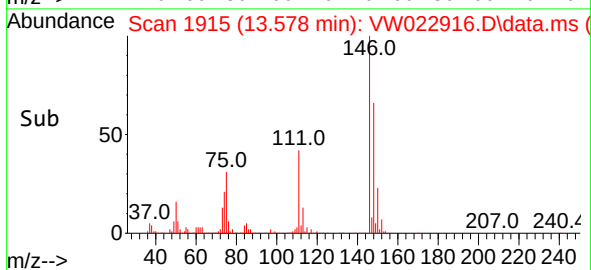
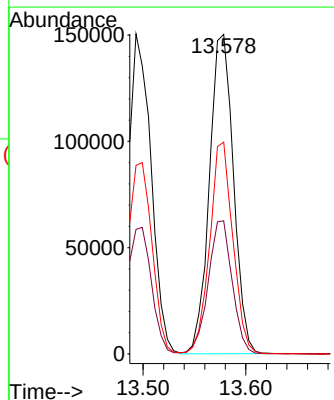
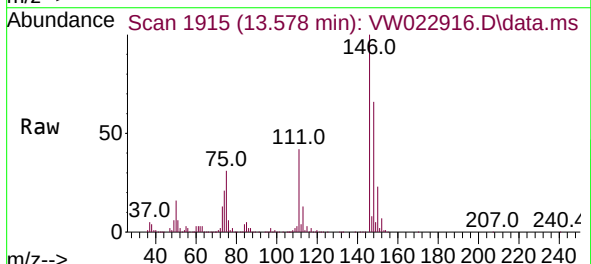
Instrument :
MSVOA_W
ClientSampleId :

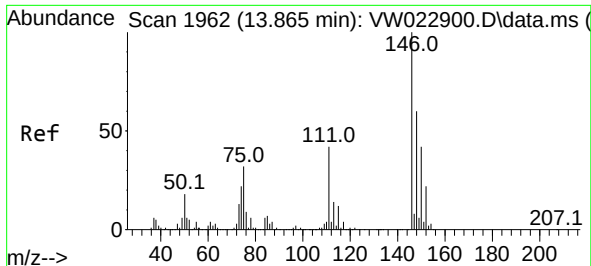
Tgt Ion:146 Resp: 239522
Ion Ratio Lower Upper
146 100
111 39.0 29.5 54.9
148 58.9 48.6 90.2



#65
1,4-Dichlorobenzene
Concen: 25.012 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion:146 Resp: 244422
Ion Ratio Lower Upper
146 100
111 41.6 27.2 50.4
148 66.3 44.0 81.6





#67

1,2-Dichlorobenzene

Concen: 26.203 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

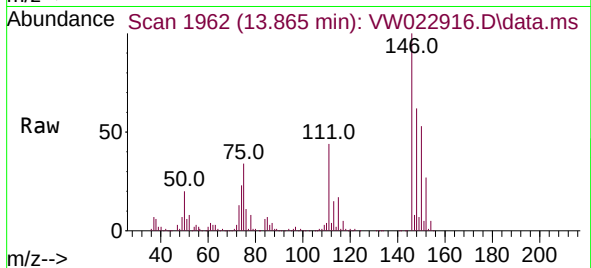
Lab File: VW022916.D

Acq: 07 May 2022 02:34

Instrument :

MSVOA_W

ClientSampleId :



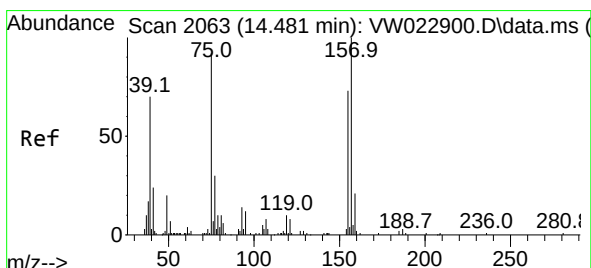
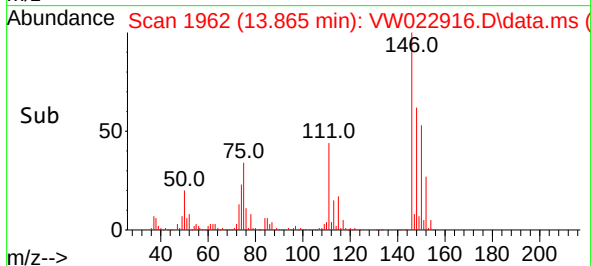
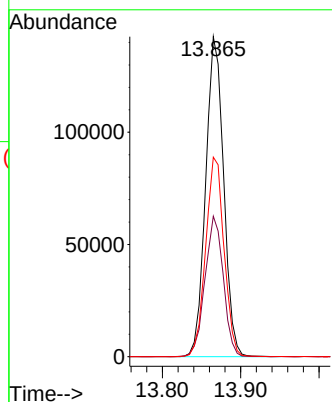
Tgt Ion:146 Resp: 226845

Ion Ratio Lower Upper

146 100

111 43.9 35.7 53.5

148 62.3 52.6 79.0



#68

1,2-Dibromo-3-chloropropane

Concen: 27.015 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022916.D

Acq: 07 May 2022 02:34

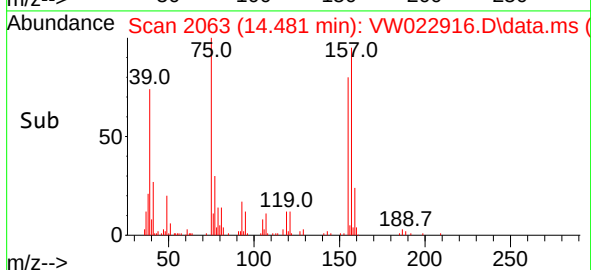
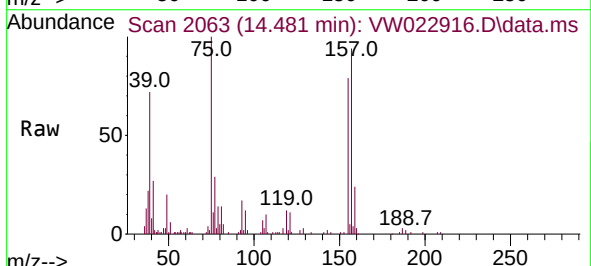
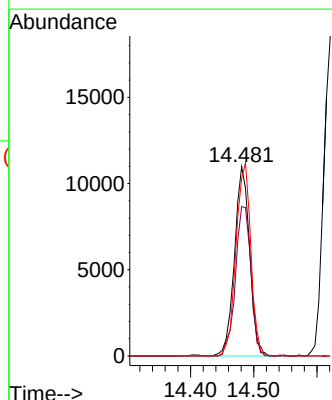
Tgt Ion: 75 Resp: 18247

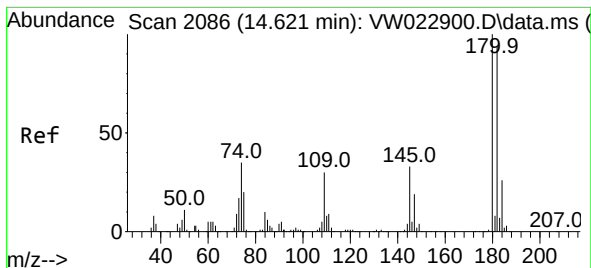
Ion Ratio Lower Upper

75 100

155 78.8 59.3 88.9

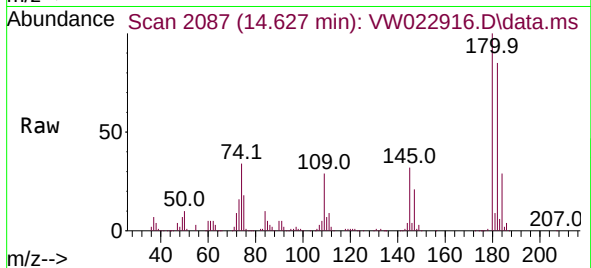
157 93.7 89.8 134.8



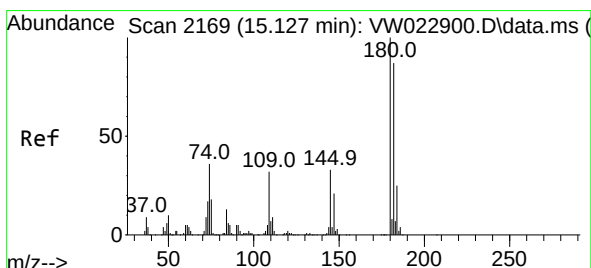
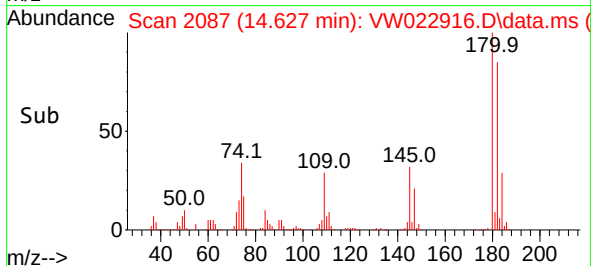
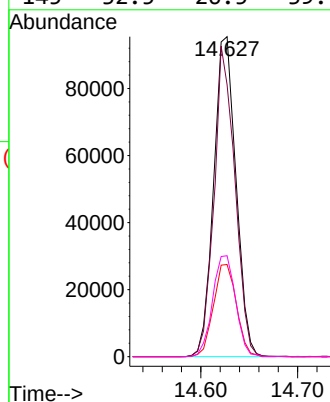


#69
 1,3,5-Trichlorobenzene
 Concen: 24.351 ug/L
 RT: 14.627 min Scan# 2086
 Delta R.T. 0.006 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

Instrument :
 MSVOA_W
 ClientSampleId :

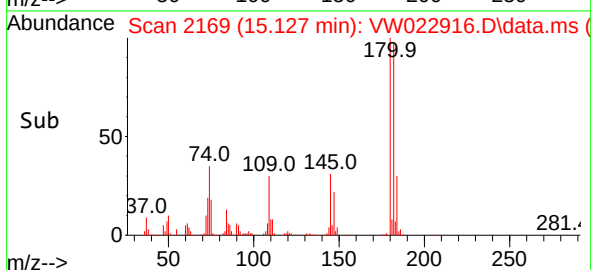
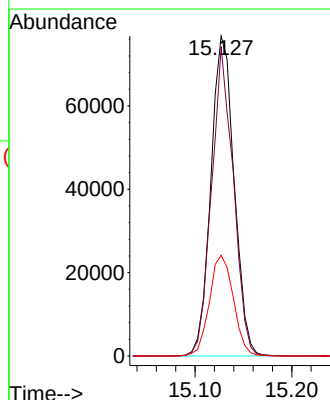
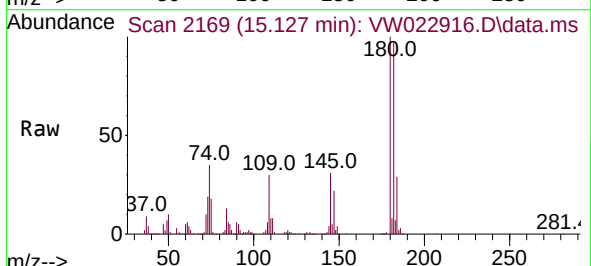


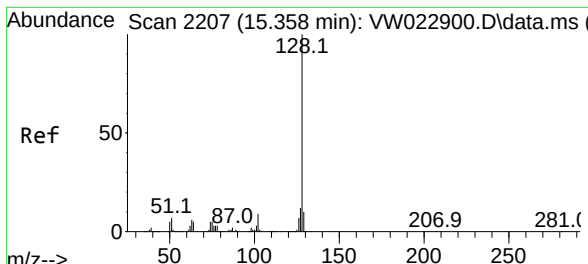
Tgt Ion:180 Resp: 152922
 Ion Ratio Lower Upper
 180 100
 182 90.5 74.8 112.2
 184 29.7 23.4 35.2
 145 32.5 26.5 39.7



#70
 1,2,4-trichlorobenzene
 Concen: 25.376 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022916.D
 Acq: 07 May 2022 02:34

Tgt Ion:180 Resp: 128191
 Ion Ratio Lower Upper
 180 100
 182 90.4 74.9 112.3
 145 32.4 26.6 39.8

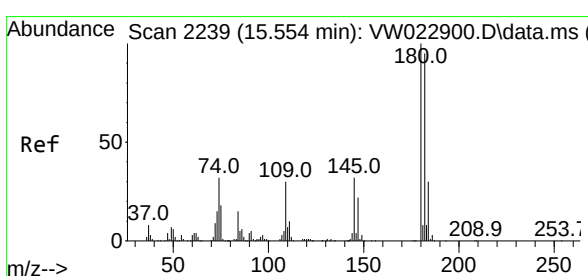
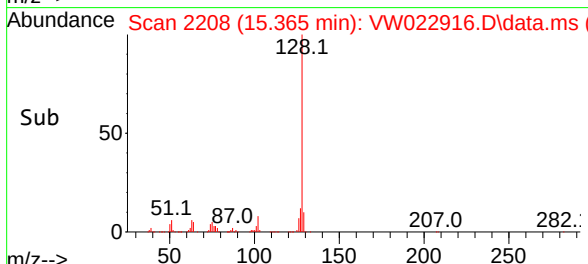
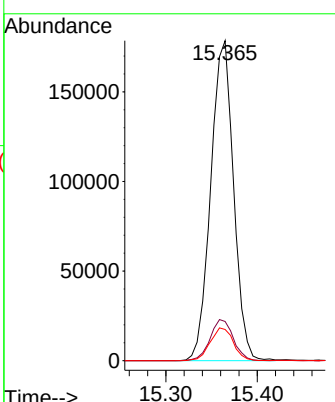
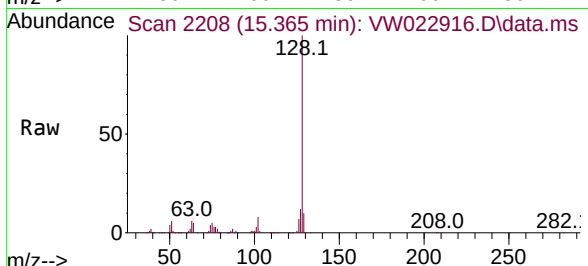




#71
Naphthalene
Concen: 28.248 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:	128	Resp:	310157
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.6	16.0
129	10.4	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 25.248 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022916.D
Acq: 07 May 2022 02:34

Tgt Ion:	180	Resp:	113042
Ion Ratio	Lower	Upper	
180	100		
182	94.9	73.5	110.3
145	35.6	27.9	41.9

