

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022422\
 Data File : VW022129.D
 Acq On : 24 Feb 2022 09:26
 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 25 04:45:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM022322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Feb 24 03:35:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156380	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	145057	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	75777	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	48053	23.559	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.240%
7) Chloroethane-d5	2.879	69	35913	22.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.520%
11) 1,1-Dichloroethene-d2	4.013	63	74980	24.005	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	96.040%
21) 2-Butanone-d5	7.080	46	19670	57.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.720%
24) Chloroform-d	7.647	84	88058	25.238	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.960%
26) 1,2-Dichloroethane-d4	8.305	65	45356	25.008	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.040%
32) Benzene-d6	8.275	84	163237	24.180	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.720%
36) 1,2-Dichloropropane-d6	9.275	67	46513	24.810	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.240%
41) Toluene-d8	10.323	98	159469	23.760	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	95.040%
43) trans-1,3-Dichloroprop...	10.579	79	20300	24.421	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.680%
47) 2-Hexanone-d5	10.921	63	17405	56.445	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.900%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	43982	26.731	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.920%
66) 1,2-Dichlorobenzene-d4	13.847	152	62599	25.720	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	102.880%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	9591	21.945	ug/L	95
3) Chloromethane	2.215	50	37437	24.998	ug/L	95
5) Vinyl chloride	2.361	62	55981	24.878	ug/L	99
6) Bromomethane	2.776	94	35585	22.643	ug/L	91
8) Chloroethane	2.916	64	30215	23.903	ug/L	97
9) Trichlorofluoromethane	3.257	101	41641	27.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	48006	25.756	ug/L	98
12) 1,1-Dichloroethene	4.038	96	40726	25.211	ug/L	99
13) Acetone	4.129	43	15974	57.030	ug/L	99
14) Carbon disulfide	4.379	76	98998	23.638	ug/L	96
15) Methyl Acetate	4.672	43	15885	25.191	ug/L	99
16) Methylene chloride	4.916	84	42941	22.371	ug/L	96
17) trans-1,2-Dichloroethene	5.422	96	43887	24.735	ug/L	94
18) Methyl tert-butyl Ether	5.428	73	64615	26.767	ug/L	99
19) 1,1-Dichloroethane	6.214	63	75440	26.263	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	49654	25.834	ug/L	93
22) 2-Butanone	7.171	43	23779	59.099	ug/L	95
23) Bromochloromethane	7.513	128	24377	25.963	ug/L	96
25) Chloroform	7.671	83	87124	25.995	ug/L	99

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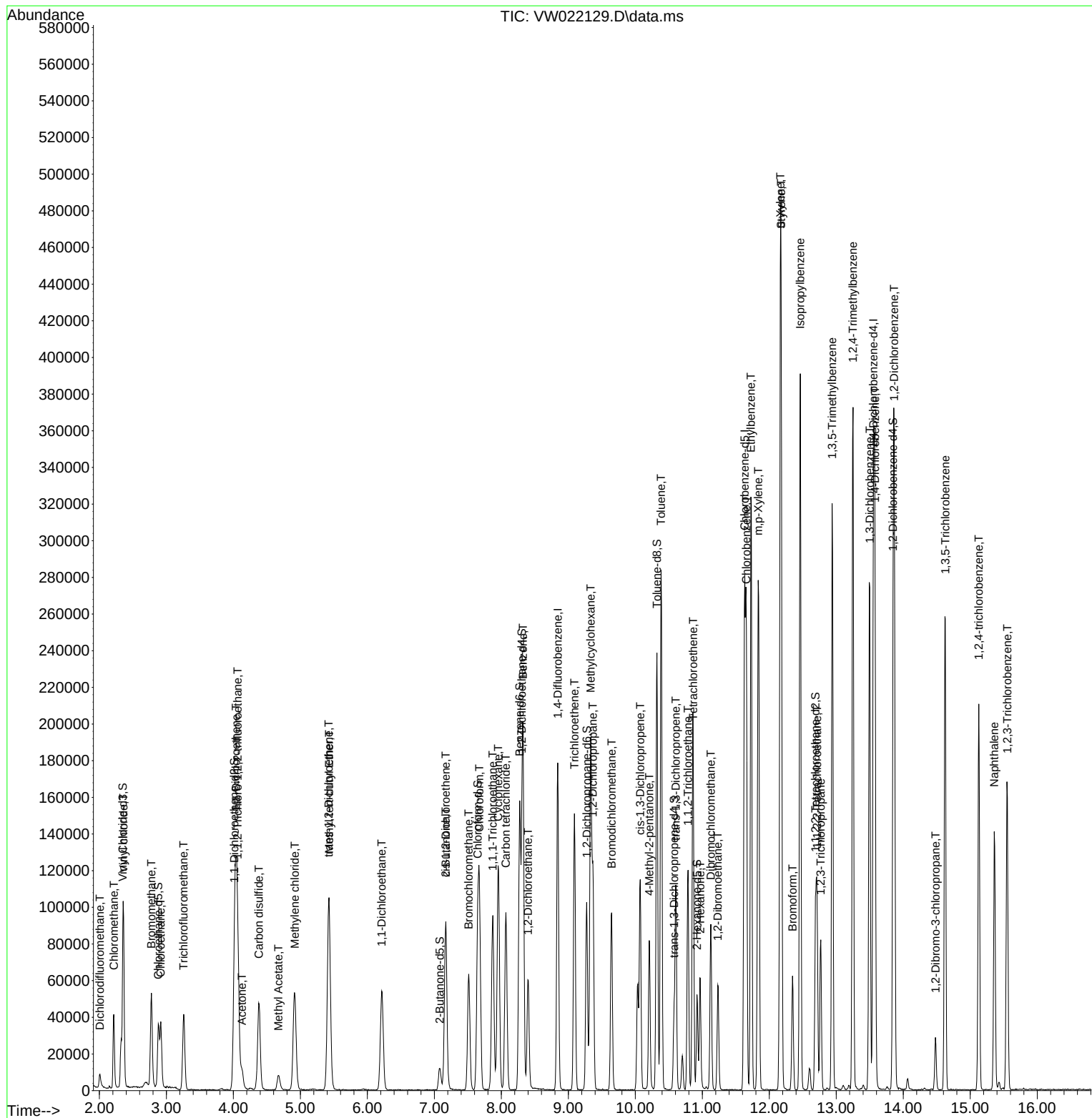
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	54425	26.364	ug/L	97
29) Cyclohexane	7.952	56	63306	26.224	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	76136	26.088	ug/L	99
31) Carbon tetrachloride	8.067	117	72667	26.199	ug/L	99
33) Benzene	8.323	78	180073	25.676	ug/L	100
34) Trichloroethene	9.092	95	51579	25.686	ug/L	96
35) Methylcyclohexane	9.335	83	80427	25.895	ug/L	98
37) 1,2-Dichloropropane	9.366	63	42457	25.950	ug/L	100
38) Bromodichloromethane	9.646	83	63607	27.110	ug/L	92
39) cis-1,3-Dichloropropene	10.073	75	68259	27.447	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	48972	55.426	ug/L	98
42) Toluene	10.384	91	212205	26.734	ug/L	99
44) trans-1,3-Dichloropropene	10.604	75	59695	26.711	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	37430	25.799	ug/L	94
46) Tetrachloroethene	10.866	164	43032	24.463	ug/L	87
48) 2-Hexanone	10.969	43	37508	61.164	ug/L	99
49) Dibromochloromethane	11.128	129	46453	26.360	ug/L	96
50) 1,2-Dibromoethane	11.232	107	36988	26.432	ug/L	94
51) Chlorobenzene	11.658	112	142899	25.868	ug/L	100
52) Ethylbenzene	11.725	91	235424	26.799	ug/L	98
53) m,p-Xylene	11.835	106	98163	27.157	ug/L	89
54) o-Xylene	12.164	106	91518	26.908	ug/L	96
55) Styrene	12.176	104	155347	27.245	ug/L	90
57) 1,1,2,2-Tetrachloroethane	12.713	83	44845	26.640	ug/L	98
59) Bromoform	12.347	173	27728	27.670	ug/L #	98
60) Isopropylbenzene	12.463	105	252317	27.738	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	32433	27.118	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	168082	27.788	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	208367	28.187	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	120084	26.612	ug/L	98
65) 1,4-Dichlorobenzene	13.579	146	122401	27.068	ug/L	96
67) 1,2-Dichlorobenzene	13.865	146	104839	26.132	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	6744	26.674	ug/L	90
69) 1,3,5-Trichlorobenzene	14.627	180	80858	24.965	ug/L	92
70) 1,2,4-trichlorobenzene	15.127	180	63963	26.101	ug/L	99
71) Naphthalene	15.359	128	122227	28.253	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	57406	27.083	ug/L	95

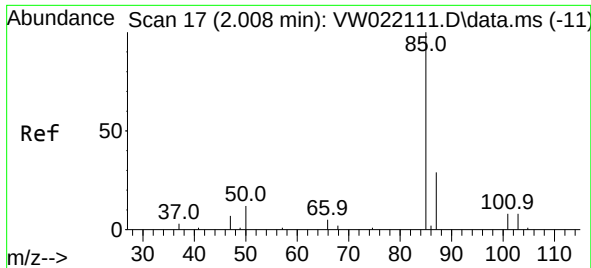
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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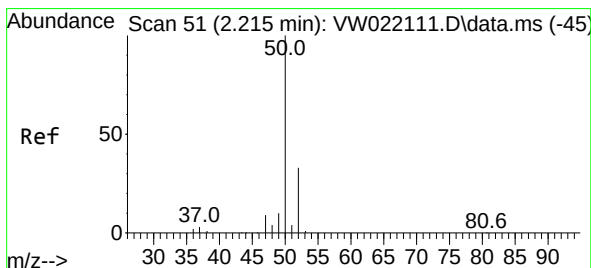
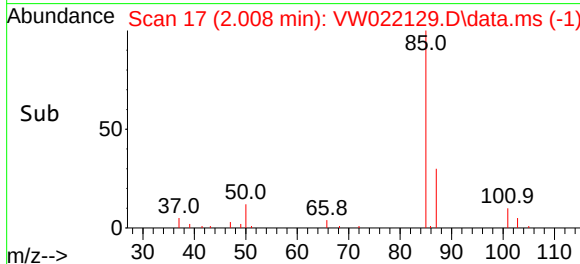
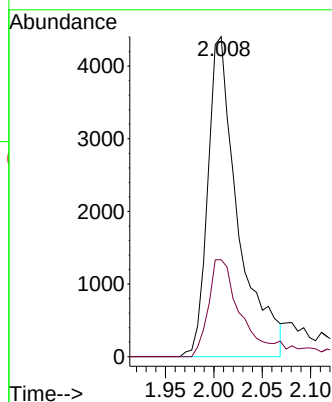
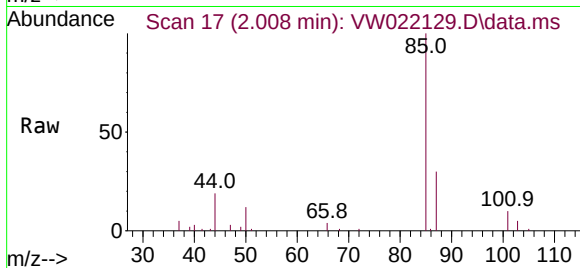




#2
 Dichlorodifluoromethane
 Concen: 21.945 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

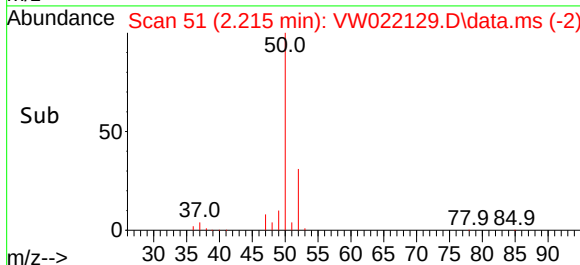
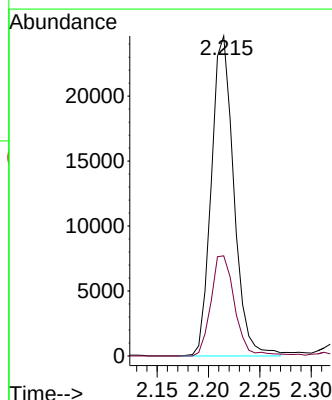
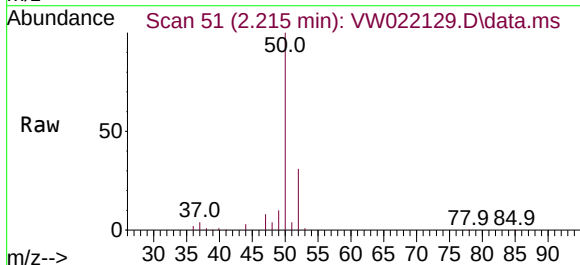
Instrument :
 MSVOA_W
 ClientSampleId :

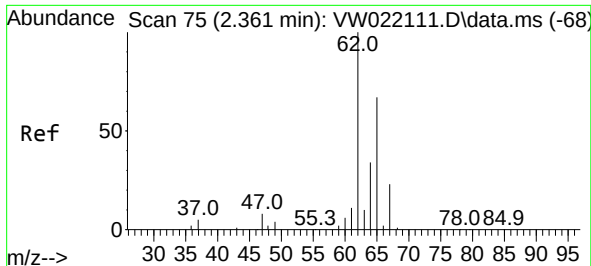
Tgt Ion: 85 Resp: 9591
 Ion Ratio Lower Upper
 85 100
 87 31.6 27.6 41.4



#3
 Chloromethane
 Concen: 24.998 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

Tgt Ion: 50 Resp: 37437
 Ion Ratio Lower Upper
 50 100
 52 31.3 23.9 44.5

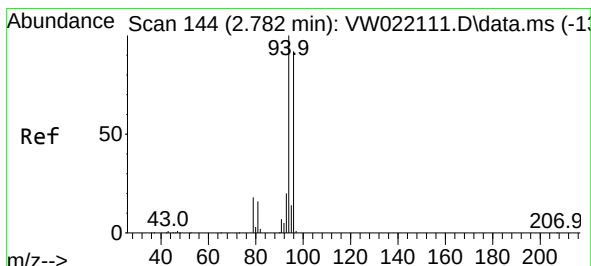
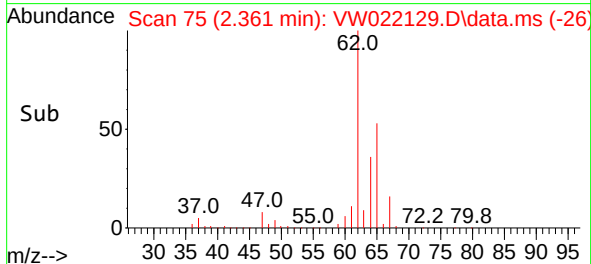
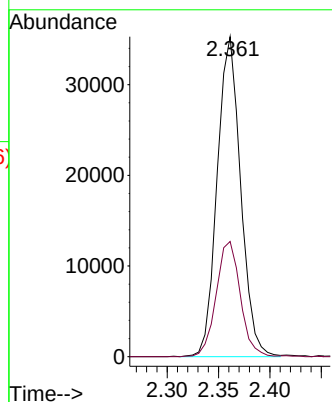
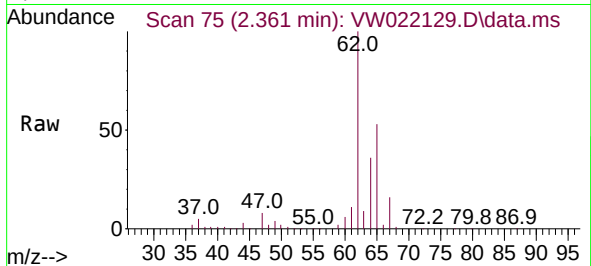




#5
 Vinyl chloride
 Concen: 24.878 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

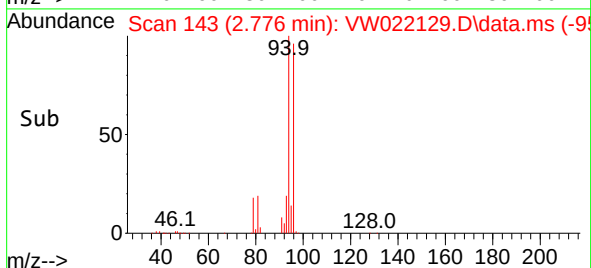
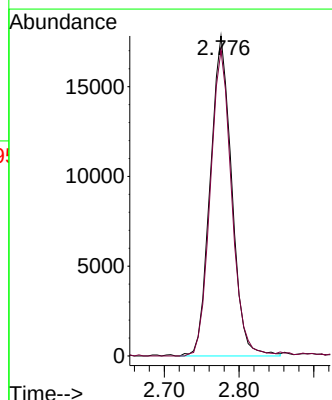
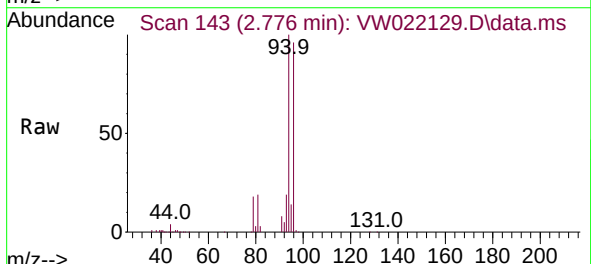
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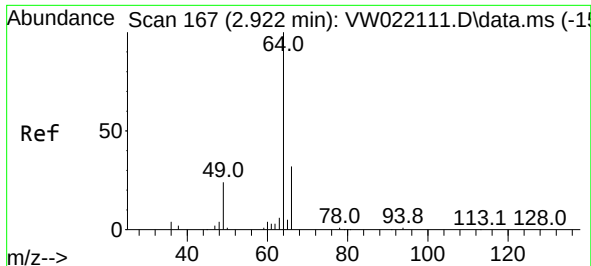
Tgt Ion: 62 Resp: 55981
 Ion Ratio Lower Upper
 62 100
 64 36.0 24.7 45.9



#6
 Bromomethane
 Concen: 22.643 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

Tgt Ion: 94 Resp: 35585
 Ion Ratio Lower Upper
 94 100
 96 95.5 61.2 113.8

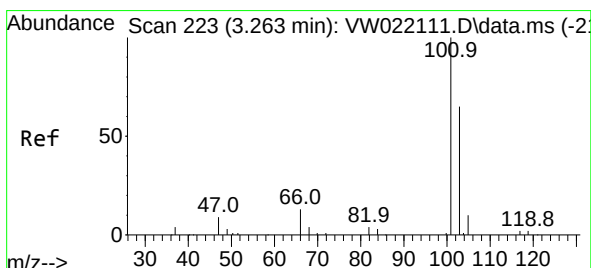
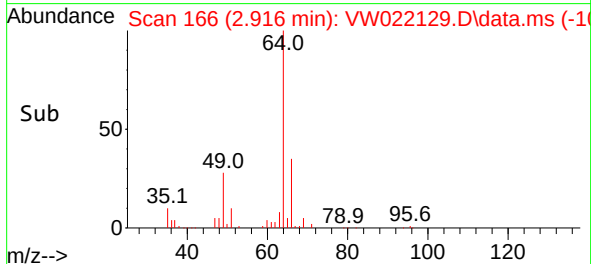
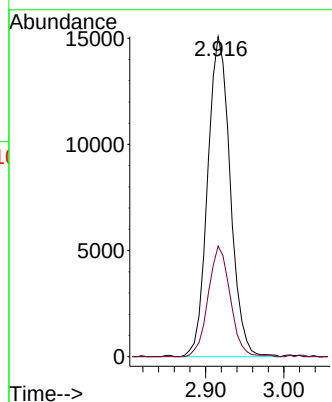
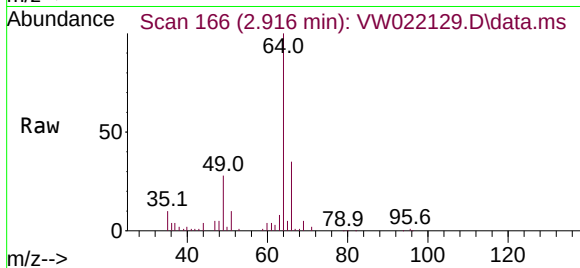




#8
Chloroethane
Concen: 23.903 ug/L
RT: 2.916 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

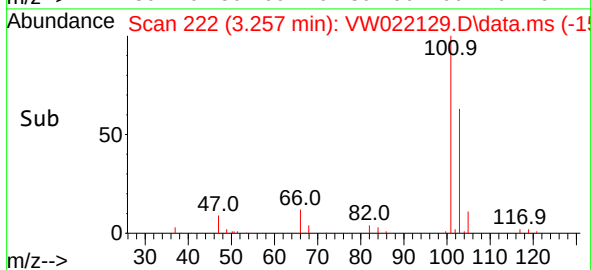
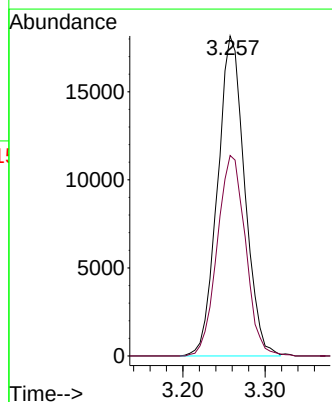
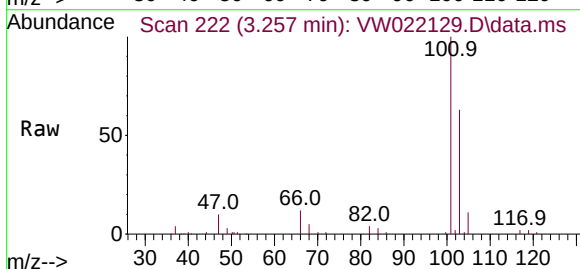
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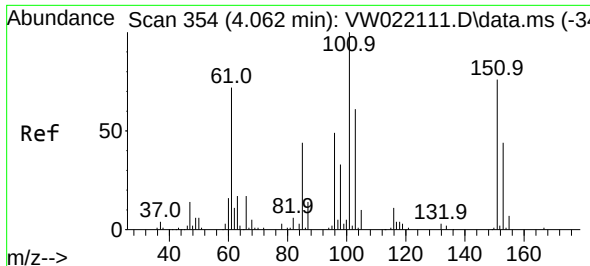
Tgt Ion: 64 Resp: 30215
Ion Ratio Lower Upper
64 100
66 34.6 23.2 43.0



#9
Trichlorofluoromethane
Concen: 27.257 ug/L
RT: 3.257 min Scan# 222
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion: 101 Resp: 41641
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8

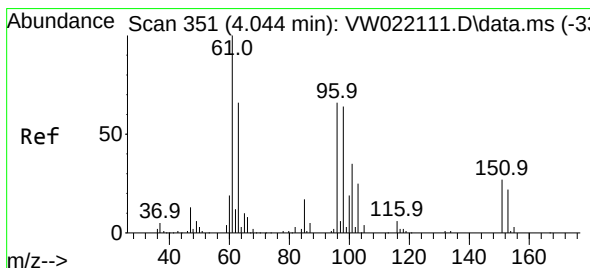
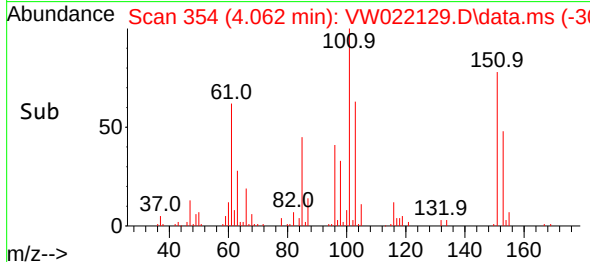
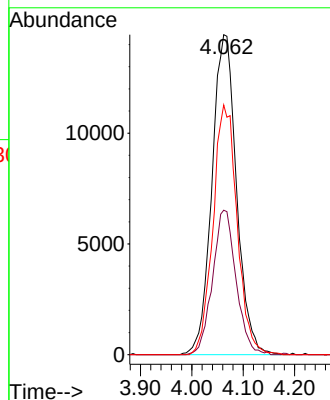
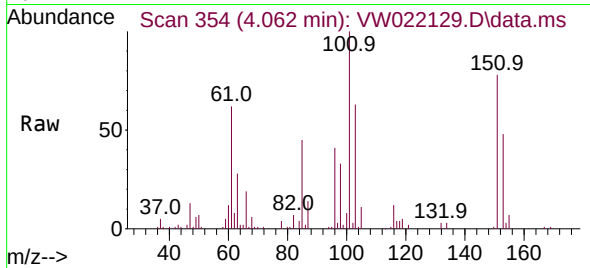




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.756 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. 0.000 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

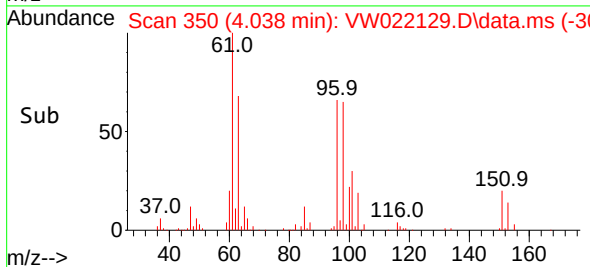
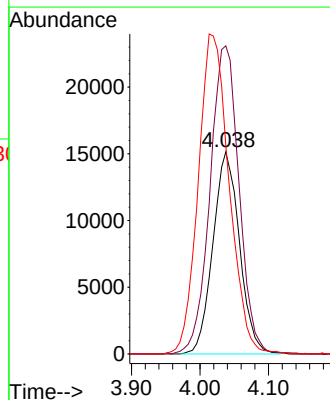
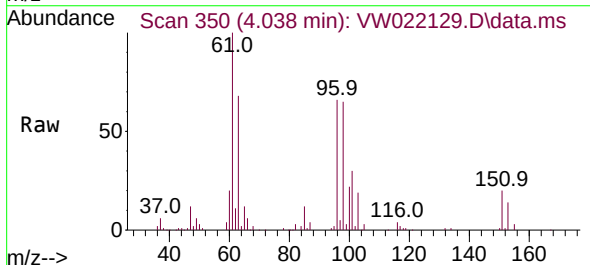
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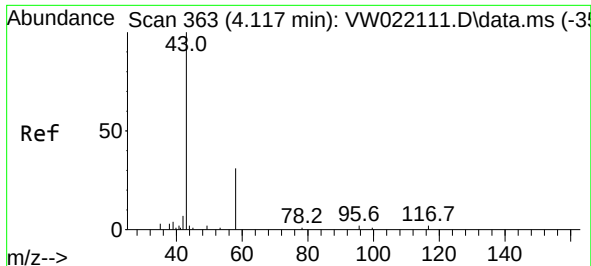
Tgt Ion:101 Resp: 48006
 Ion Ratio Lower Upper
 101 100
 85 43.1 34.4 51.6
 151 76.5 59.0 88.4



#12
 1,1-Dichloroethene
 Concen: 25.211 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. -0.006 min
 Lab File: VW022129.D
 Acq: 24 Feb 2022 09:26

Tgt Ion: 96 Resp: 40726
 Ion Ratio Lower Upper
 96 100
 61 152.5 108.4 201.2
 63 103.3 72.0 133.6





#13

Acetone

Concen: 57.030 ug/L

RT: 4.129 min Scan# 3

Delta R.T. 0.012 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

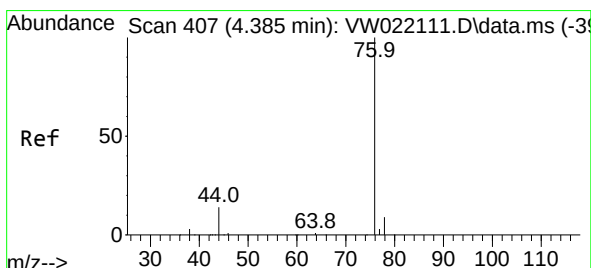
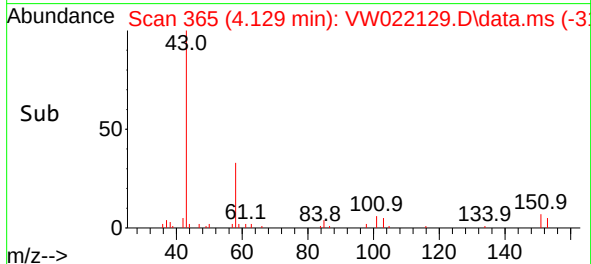
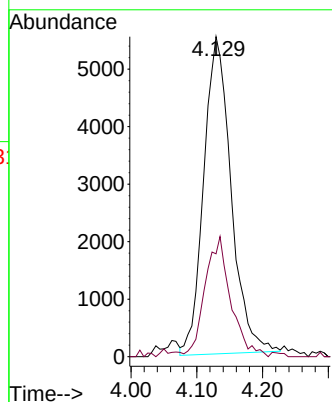
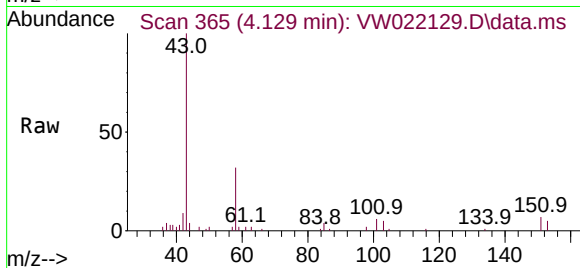
ClientSampleId :

Tgt Ion: 43 Resp: 15974

Ion Ratio Lower Upper

43 100

58 35.3 0.0 69.2



#14

Carbon disulfide

Concen: 23.638 ug/L

RT: 4.379 min Scan# 406

Delta R.T. -0.006 min

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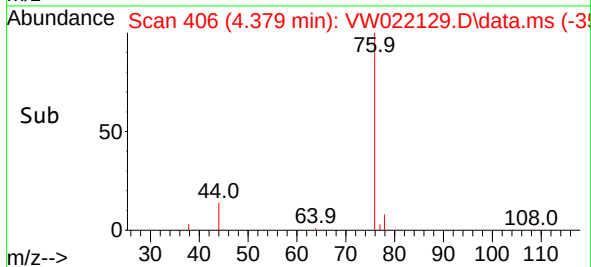
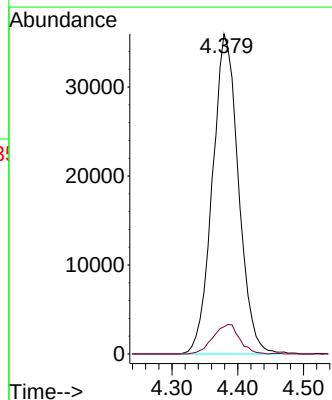
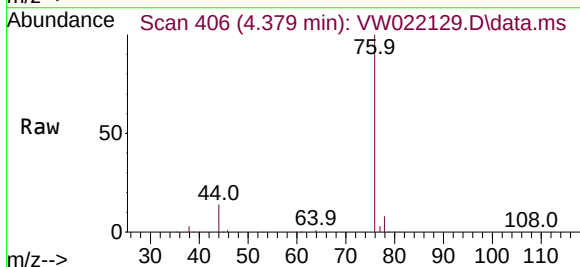
Acq: 24 Feb 2022 09:26

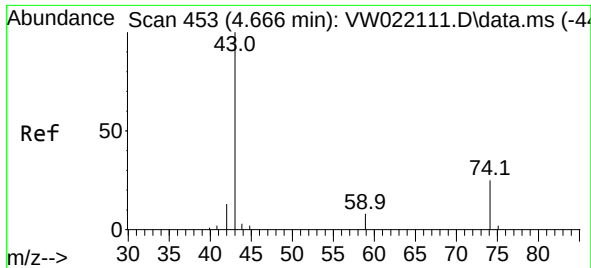
Tgt Ion: 76 Resp: 98998

Ion Ratio Lower Upper

76 100

78 8.5 7.8 11.8

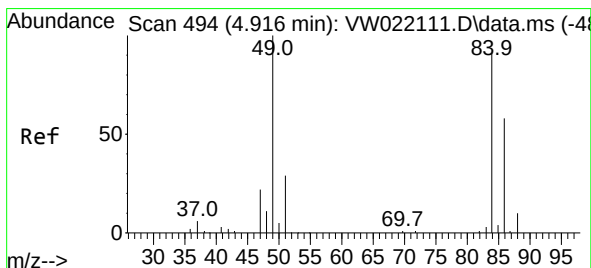
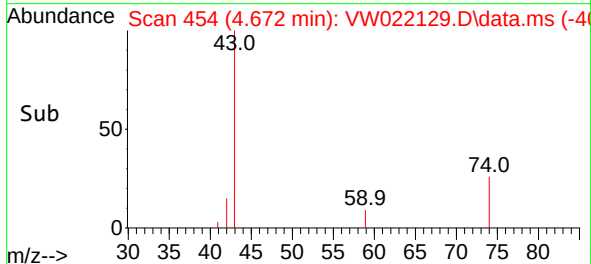
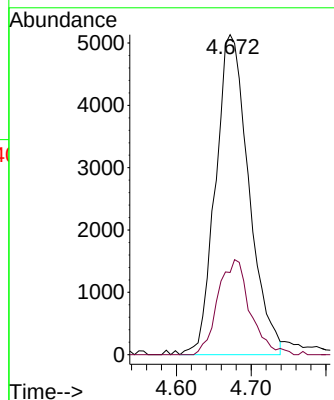
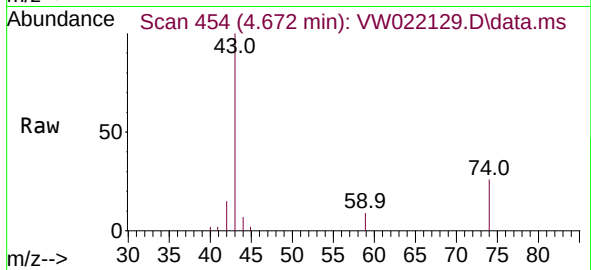




#15
Methyl Acetate
Concen: 25.191 ug/L
RT: 4.672 min Scan# 415
Delta R.T. 0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

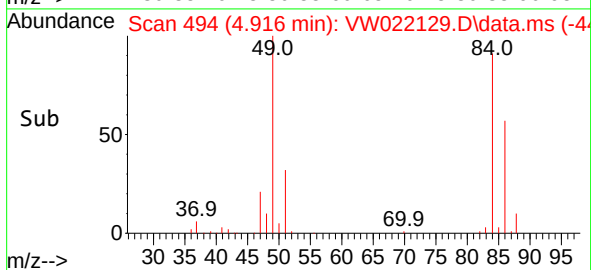
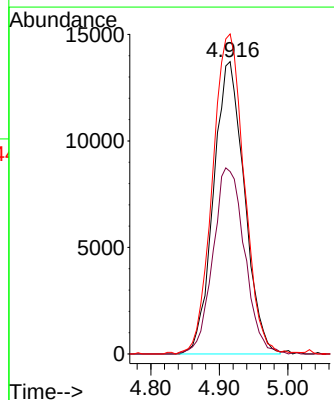
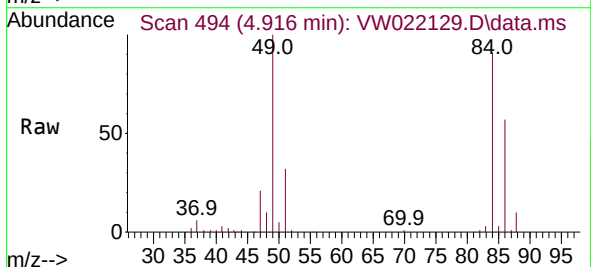
Instrument :
MSVOA_W
ClientSampleId :

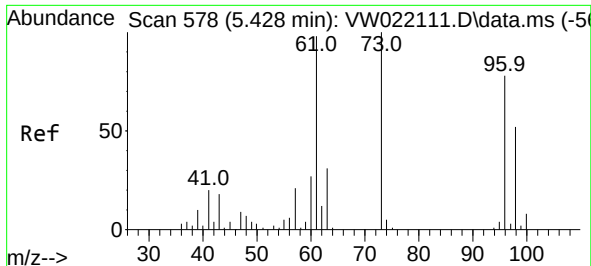
Tgt Ion: 43 Resp: 15885
Ion Ratio Lower Upper
43 100
74 28.2 23.0 34.6



#16
Methylene chloride
Concen: 22.371 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion: 84 Resp: 42941
Ion Ratio Lower Upper
84 100
86 62.4 45.8 85.0
49 109.5 73.8 137.0

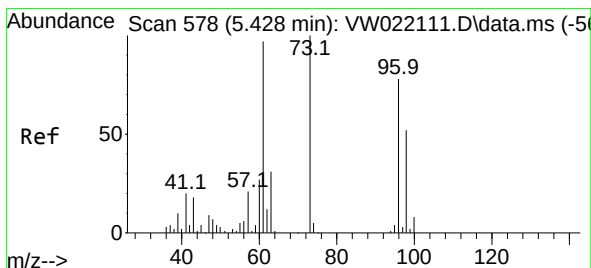
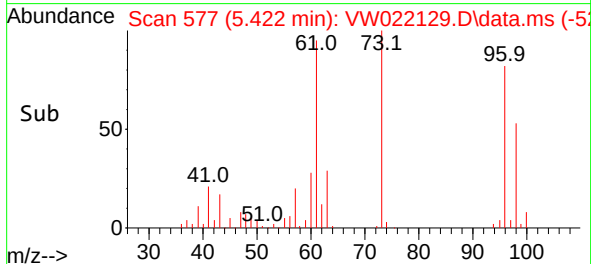
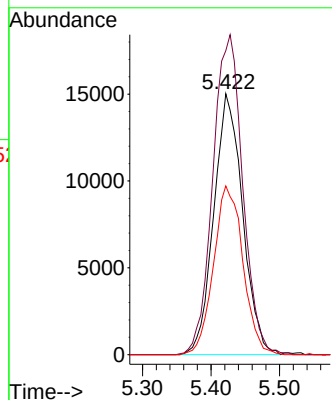
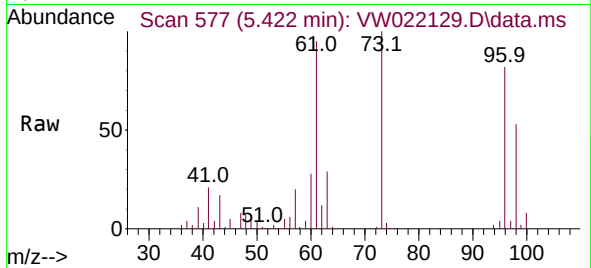




#17
trans-1,2-Dichloroethene
Concen: 24.735 ug/L
RT: 5.422 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

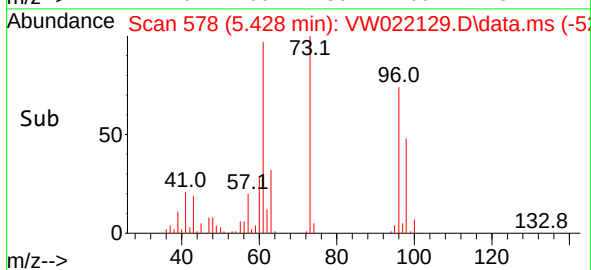
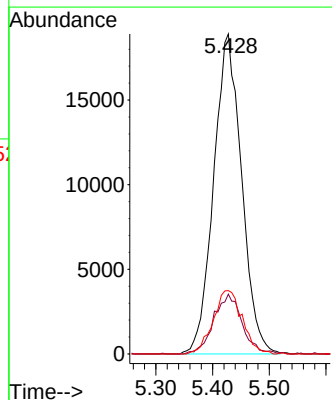
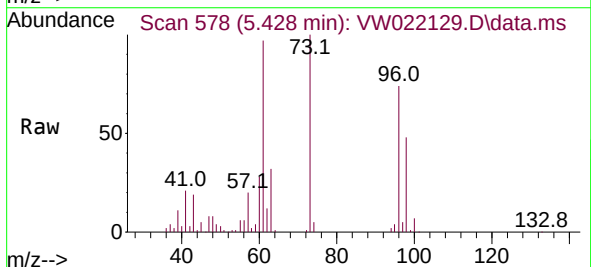
Instrument :
MSVOA_W
ClientSampleId :

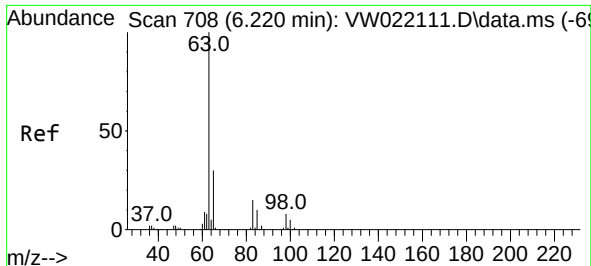
Tgt Ion: 96 Resp: 43887
Ion Ratio Lower Upper
96 100
61 116.5 87.3 162.1
98 64.7 43.2 80.2



#18
Methyl tert-butyl Ether
Concen: 26.767 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion: 73 Resp: 64615
Ion Ratio Lower Upper
73 100
43 19.0 15.4 23.2
57 20.4 16.5 24.7





#19

1,1-Dichloroethane

Concen: 26.263 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.006 min

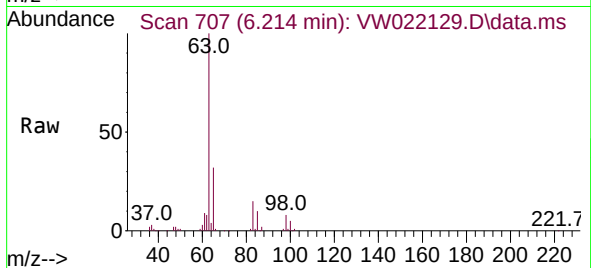
Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :



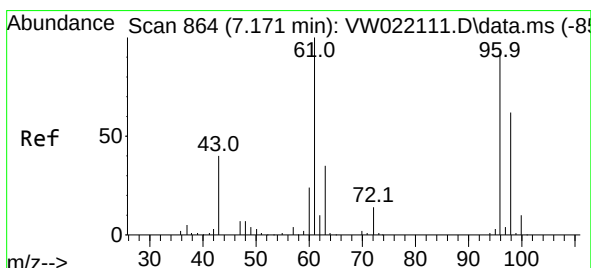
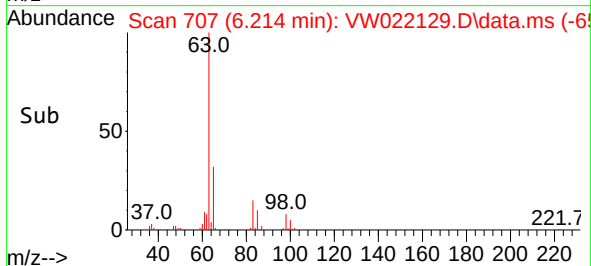
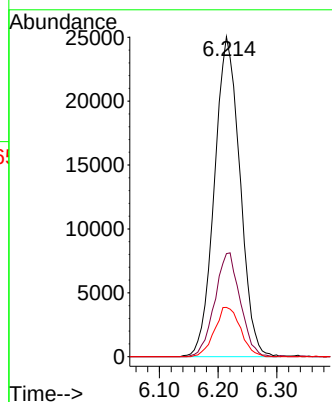
Tgt Ion: 63 Resp: 75440

Ion Ratio Lower Upper

63 100

65 32.2 22.5 41.9

83 15.4 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 25.834 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

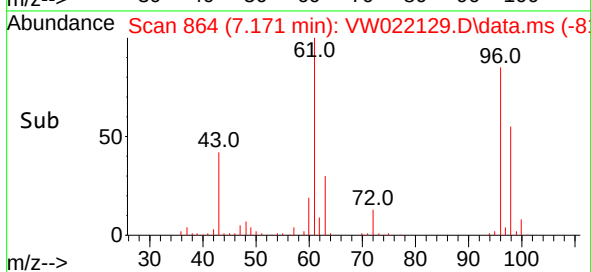
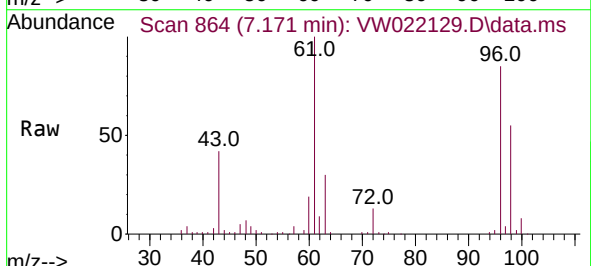
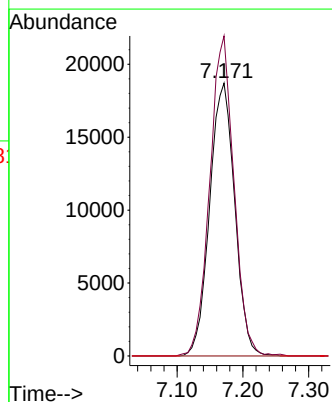
Tgt Ion: 96 Resp: 49654

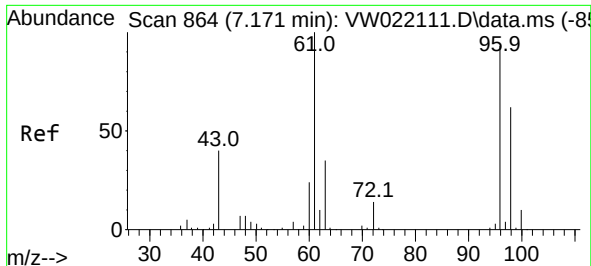
Ion Ratio Lower Upper

96 100

61 117.3 76.8 142.6

68 0.0 0.0 0.0

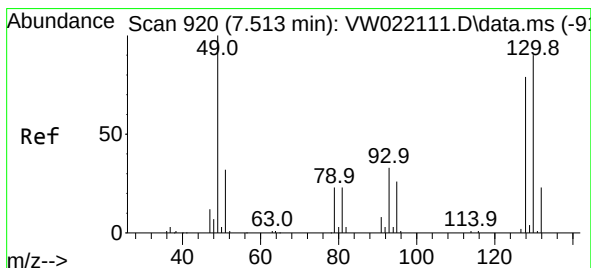
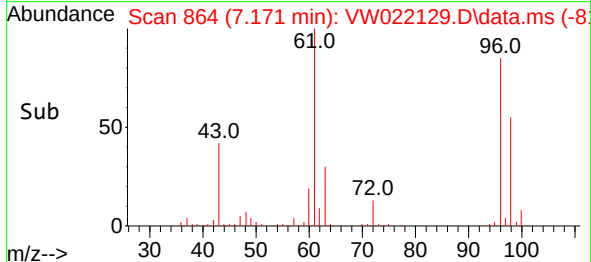
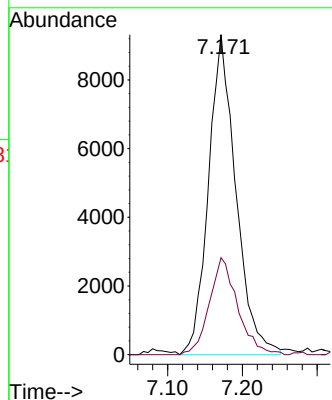
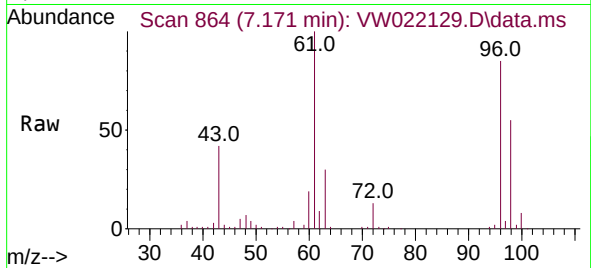




#22
2-Butanone
Concen: 59.099 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

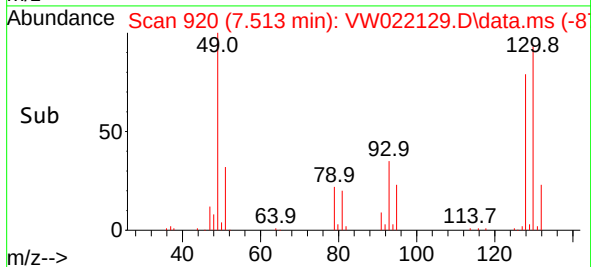
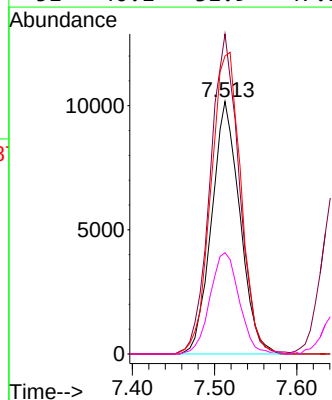
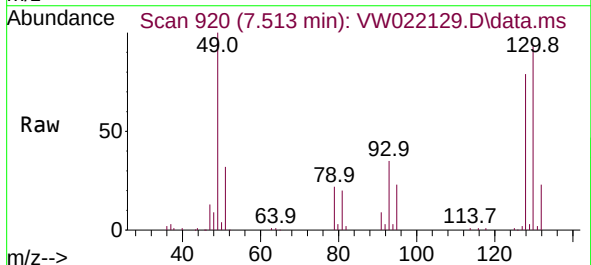
Instrument :
MSVOA_W
ClientSampleId :

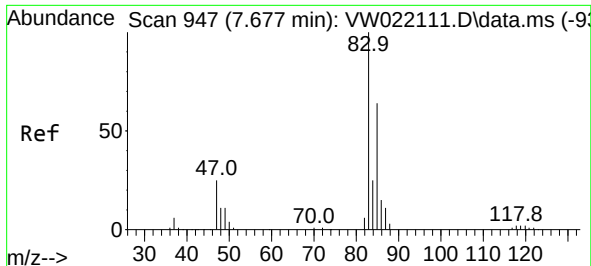
Tgt Ion: 43 Resp: 23779
Ion Ratio Lower Upper
43 100
72 31.0 17.0 51.0



#23
Bromochloromethane
Concen: 25.963 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:128 Resp: 24377
Ion Ratio Lower Upper
128 100
49 126.7 84.2 156.4
130 117.9 84.8 157.4
51 40.1 31.9 47.9

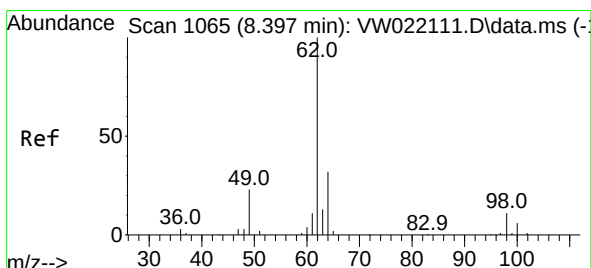
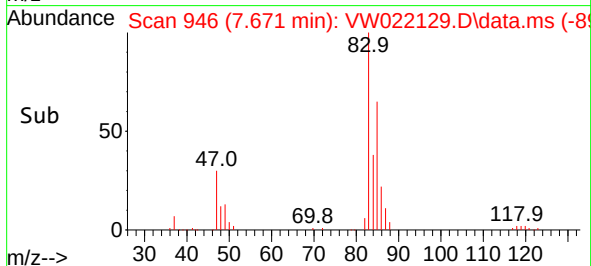
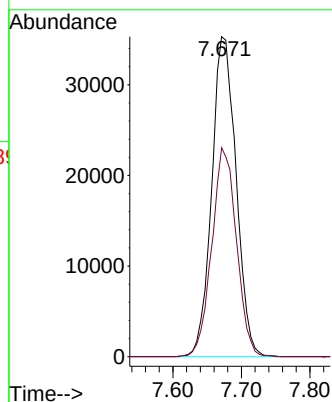
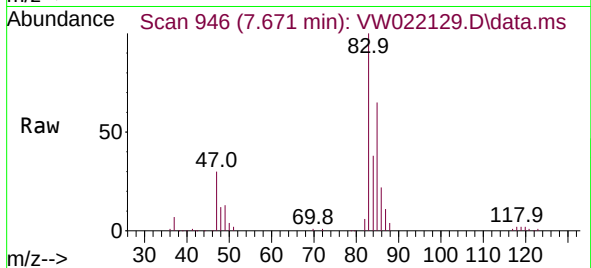




#25
Chloroform
Concen: 25.995 ug/L
RT: 7.671 min Scan# 94
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

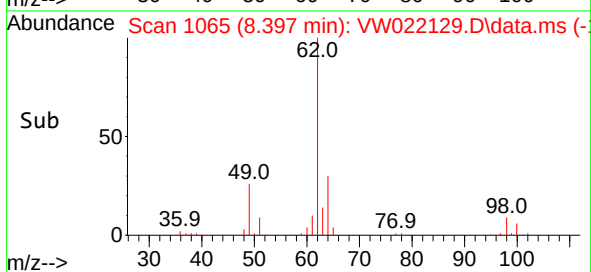
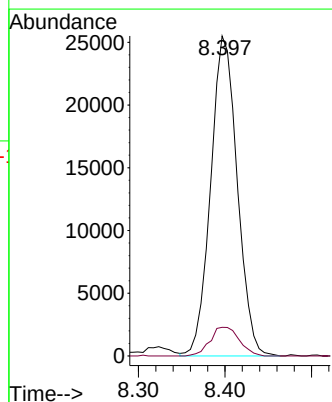
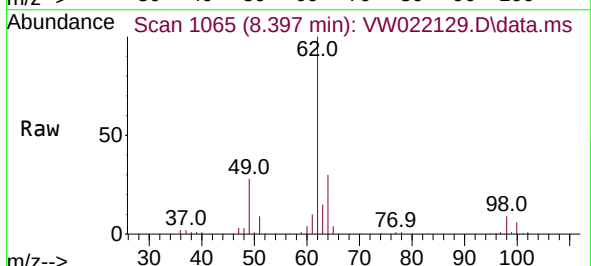
Instrument :
MSVOA_W
ClientSampleId :

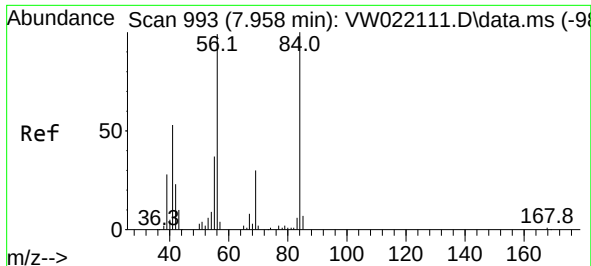
Tgt Ion: 83 Resp: 87124
Ion Ratio Lower Upper
83 100
85 65.3 45.1 83.9



#27
1,2-Dichloroethane
Concen: 26.364 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

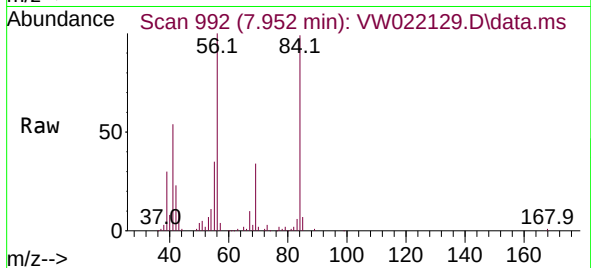
Tgt Ion: 62 Resp: 54425
Ion Ratio Lower Upper
62 100
98 9.0 7.9 11.9



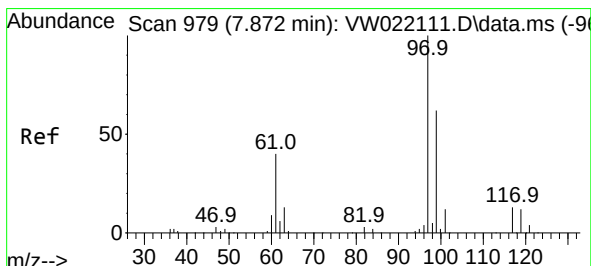
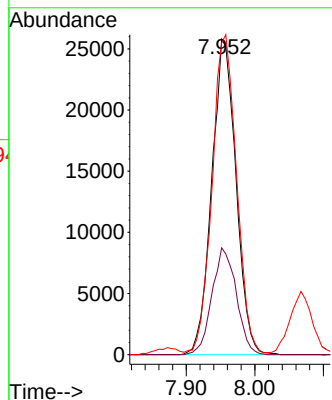
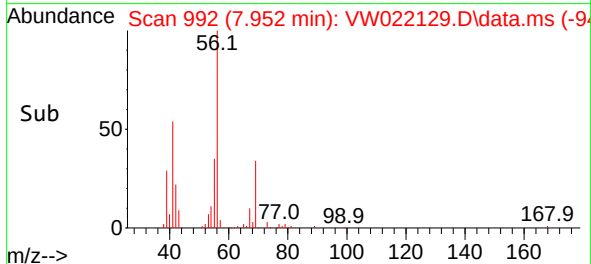


#29
Cyclohexane
Concen: 26.224 ug/L
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :

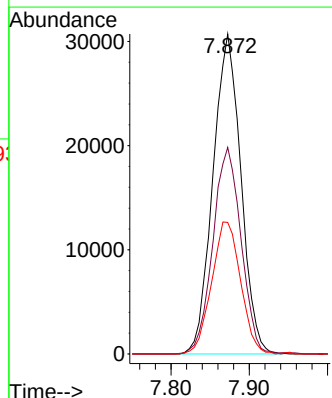
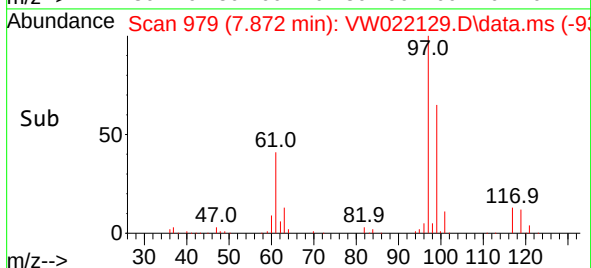
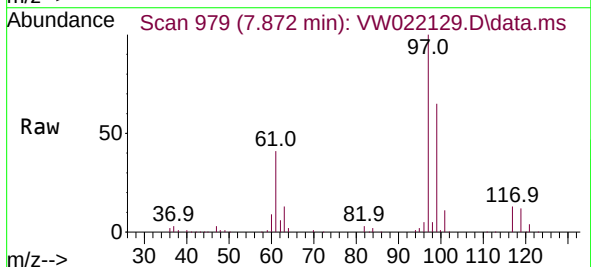


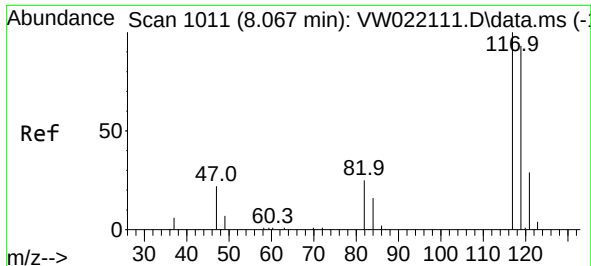
Tgt Ion: 56 Resp: 63306
Ion Ratio Lower Upper
56 100
69 34.0 26.3 39.5
84 102.6 81.4 122.2



#30
1,1,1-Trichloroethane
Concen: 26.088 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

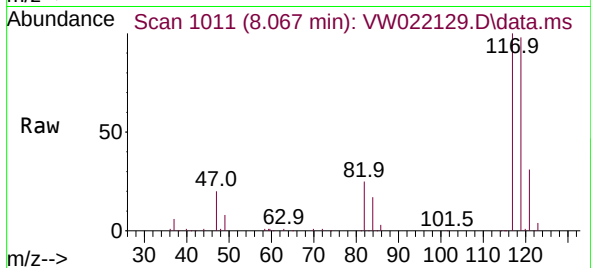
Tgt Ion: 97 Resp: 76136
Ion Ratio Lower Upper
97 100
99 65.0 52.6 78.8
61 42.8 33.0 49.6



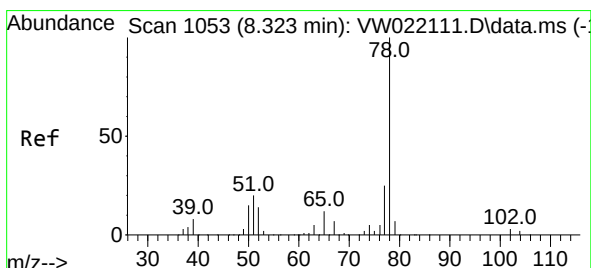
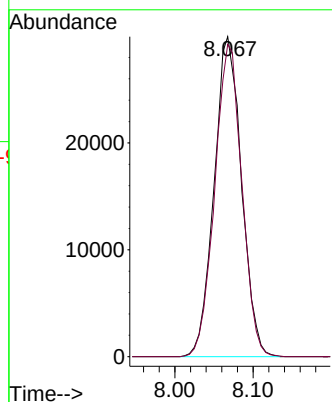
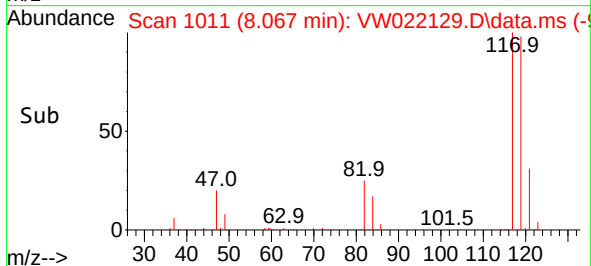


#31
Carbon tetrachloride
Concen: 26.199 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :

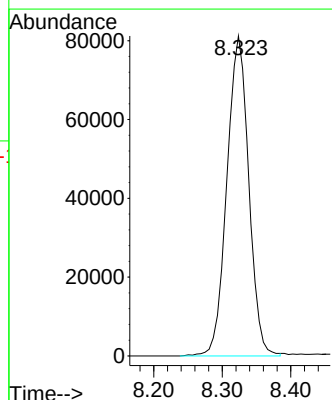
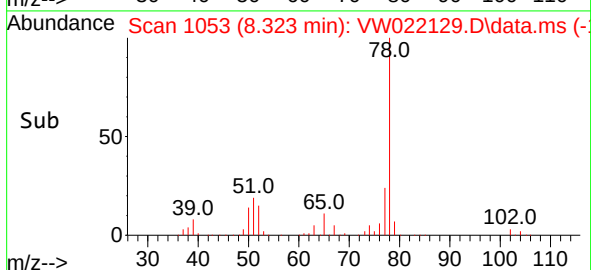
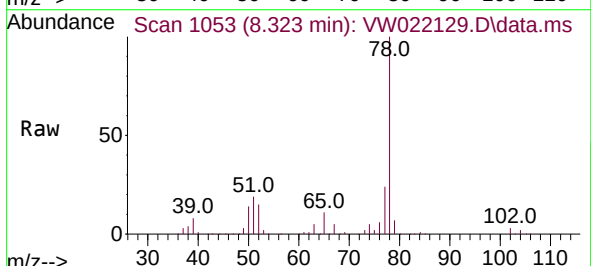


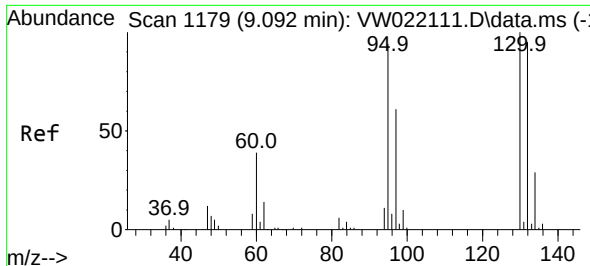
Tgt Ion:117 Resp: 72667
Ion Ratio Lower Upper
117 100
119 96.7 76.7 115.1



#33
Benzene
Concen: 25.676 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

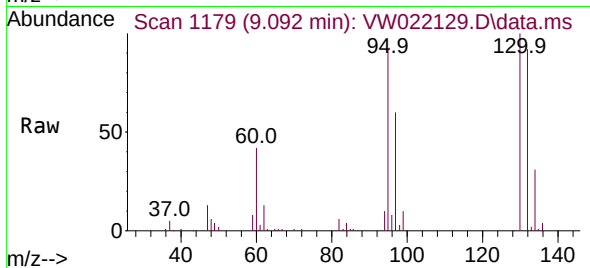
Tgt Ion: 78 Resp: 180073



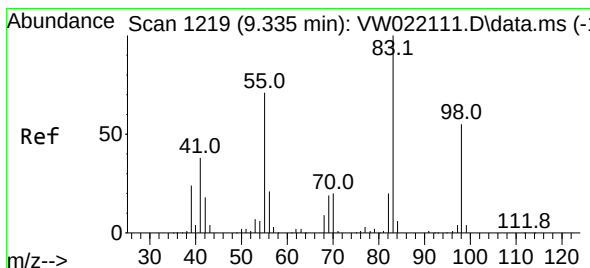
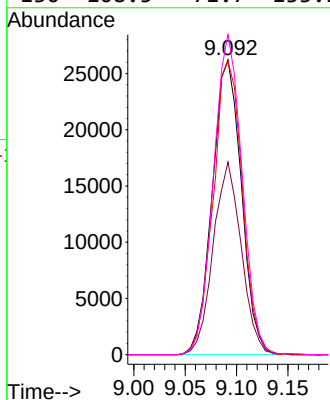
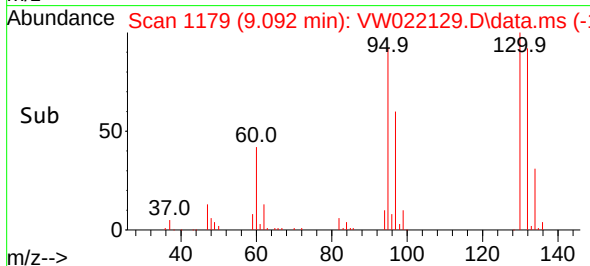


#34
Trichloroethene
Concen: 25.686 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

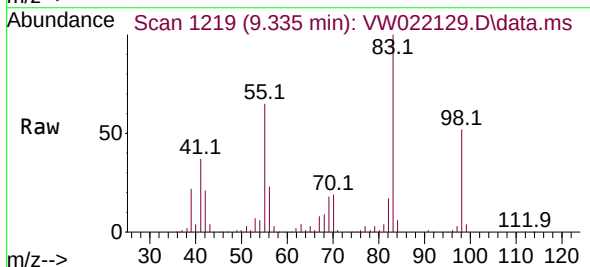
Instrument :
MSVOA_W
ClientSampleId :



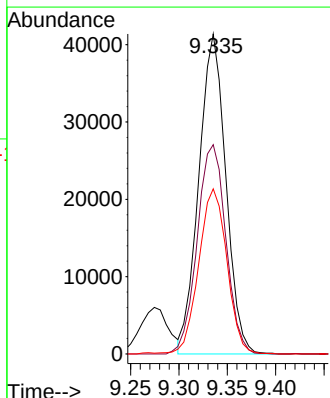
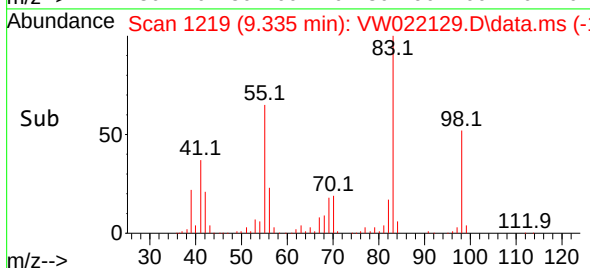
Tgt Ion: 95 Resp: 51579
Ion Ratio Lower Upper
95 100
97 65.3 44.4 82.4
132 99.5 71.7 133.1
130 108.5 71.7 133.1

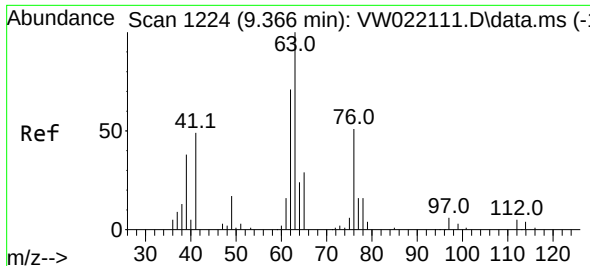


#35
Methylcyclohexane
Concen: 25.895 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26



Tgt Ion: 83 Resp: 80427
Ion Ratio Lower Upper
83 100
55 69.4 53.8 80.8
98 53.6 42.1 63.1





#37

1,2-Dichloropropane

Concen: 25.950 ug/L

RT: 9.366 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

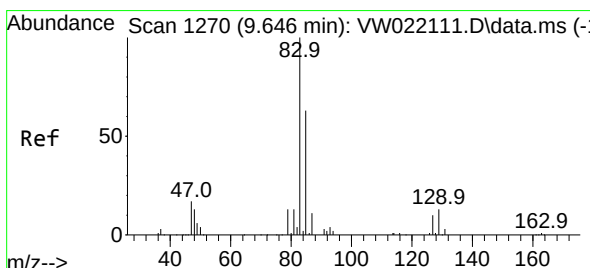
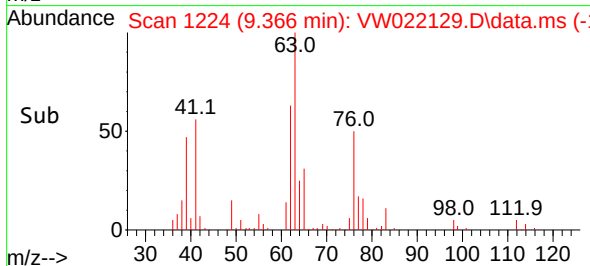
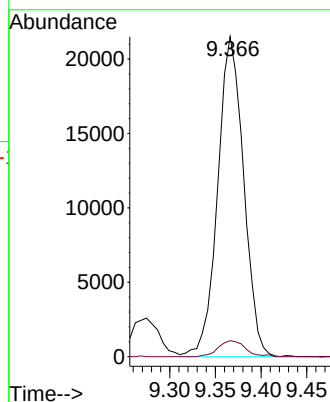
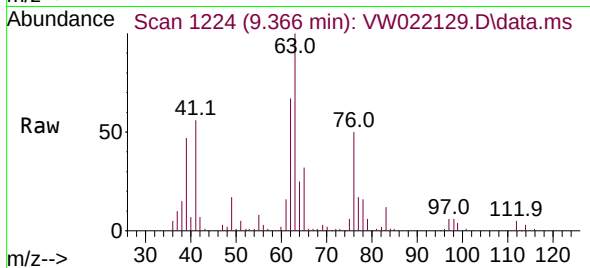
ClientSampleId :

Tgt Ion: 63 Resp: 42457

Ion Ratio Lower Upper

63 100

112 5.1 4.1 6.1



#38

Bromodichloromethane

Concen: 27.110 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

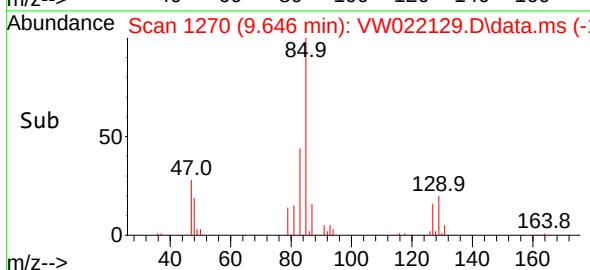
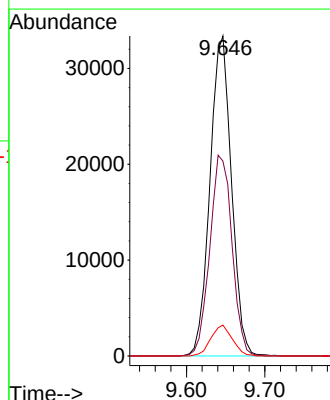
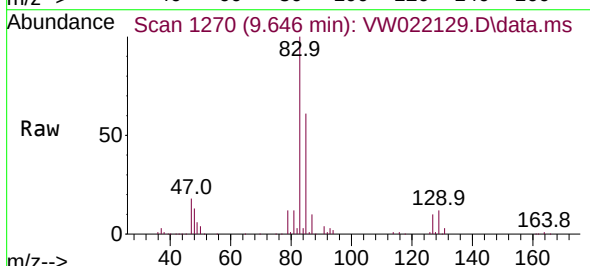
Tgt Ion: 83 Resp: 63607

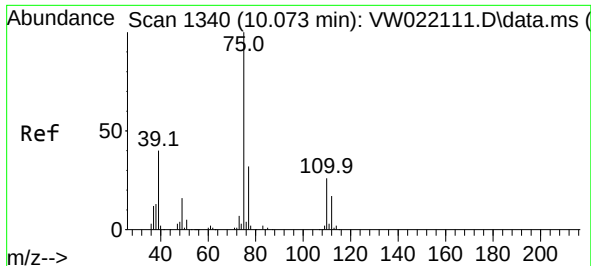
Ion Ratio Lower Upper

83 100

85 60.9 47.9 89.1

127 9.7 7.5 11.3





#39

cis-1,3-Dichloropropene

Concen: 27.447 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

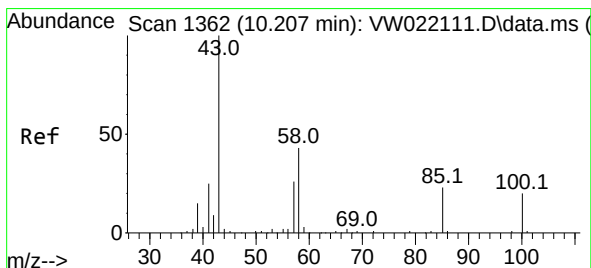
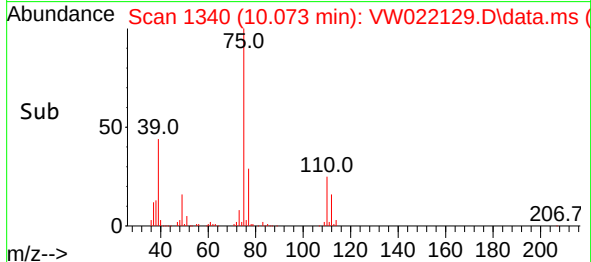
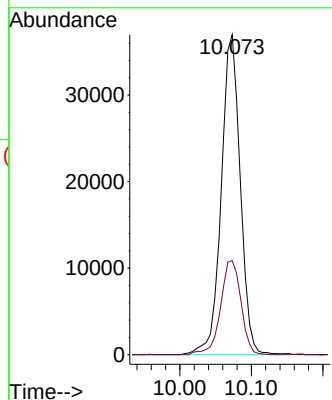
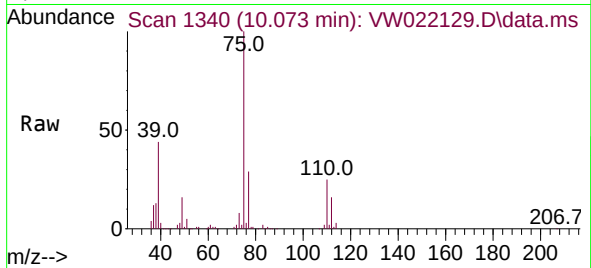
ClientSampleId :

Tgt Ion: 75 Resp: 68259

Ion Ratio Lower Upper

75 100

77 29.4 20.6 38.2



#40

4-Methyl-2-pentanone

Concen: 55.426 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

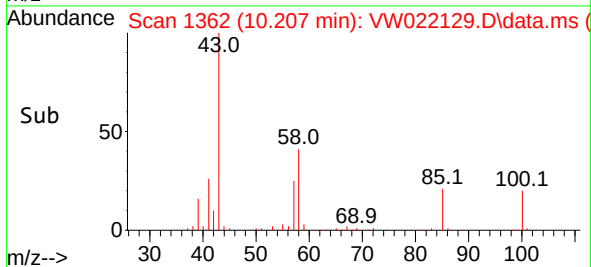
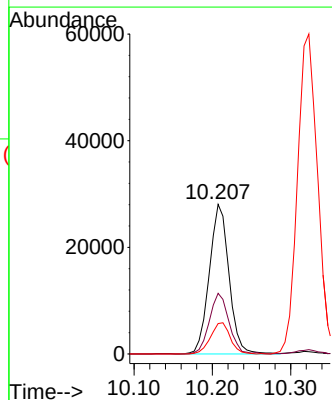
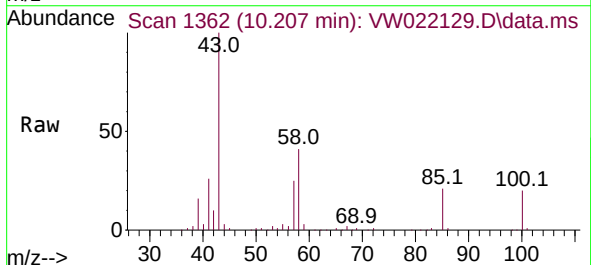
Tgt Ion: 43 Resp: 48972

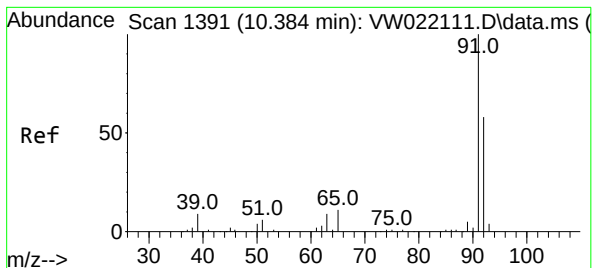
Ion Ratio Lower Upper

43 100

58 40.4 33.2 49.8

100 20.9 16.1 24.1





#42

Toluene

Concen: 26.734 ug/L

RT: 10.384 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

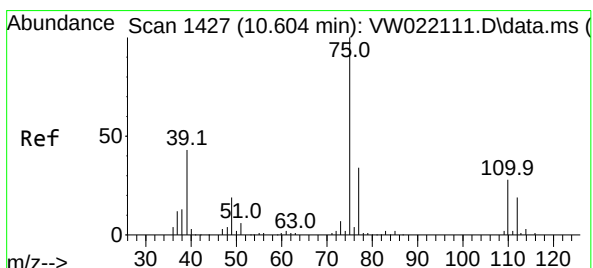
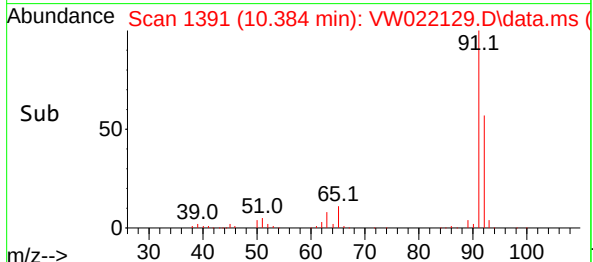
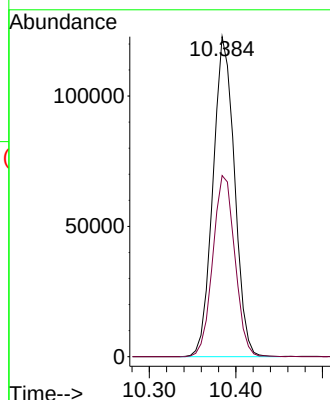
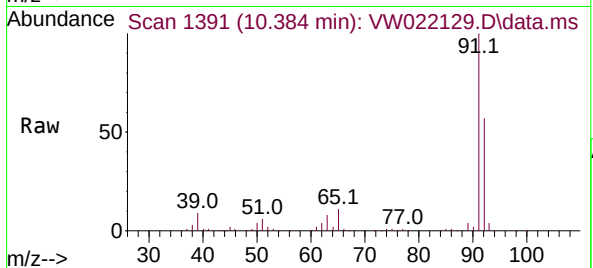
ClientSampleId :

Tgt Ion: 91 Resp: 212205

Ion Ratio Lower Upper

91 100

92 56.6 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 26.711 ug/L

RT: 10.604 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VW022129.D

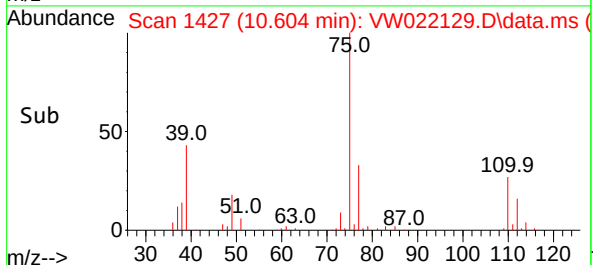
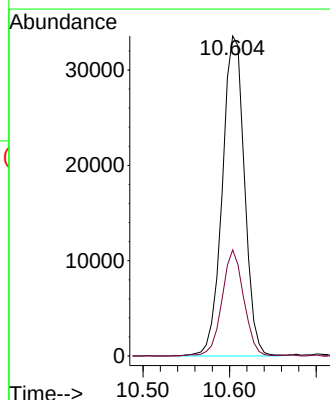
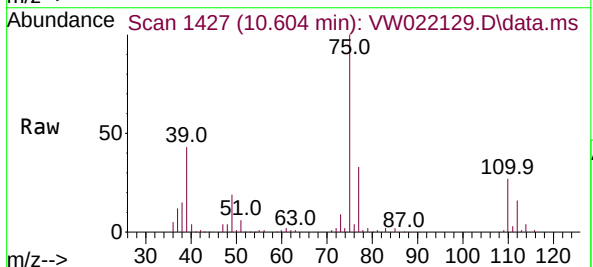
Acq: 24 Feb 2022 09:26

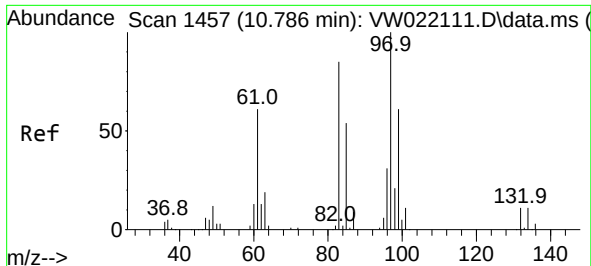
Tgt Ion: 75 Resp: 59695

Ion Ratio Lower Upper

75 100

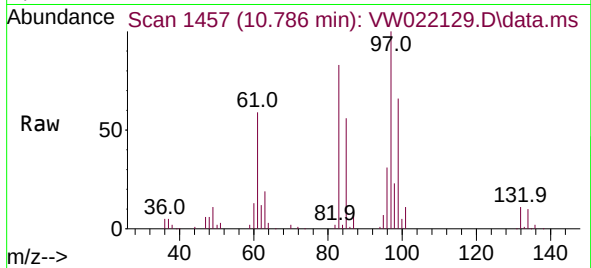
77 33.1 22.0 40.8





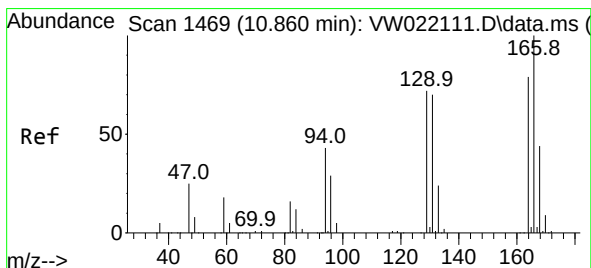
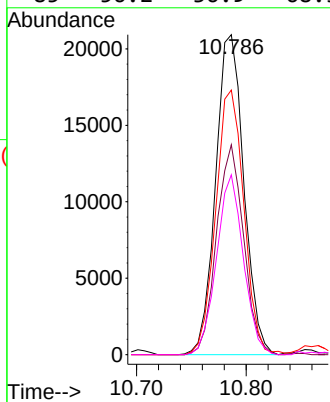
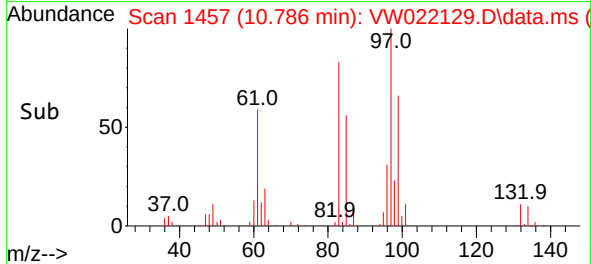
#45
1,1,2-Trichloroethane
Concen: 25.799 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :

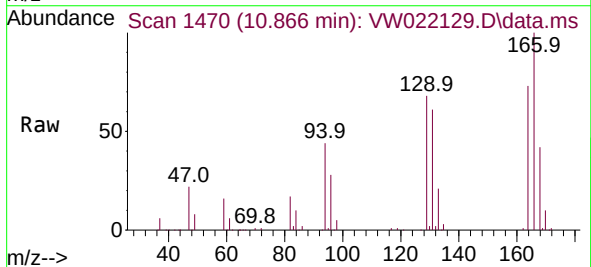


Tgt Ion: 97 Resp: 37430

Ion	Ratio	Lower	Upper
97	100		
99	65.6	43.5	80.7
83	82.7	53.5	99.3
85	56.2	36.9	68.5

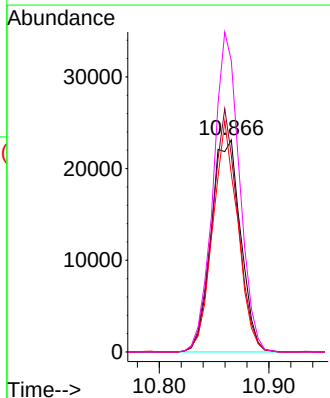
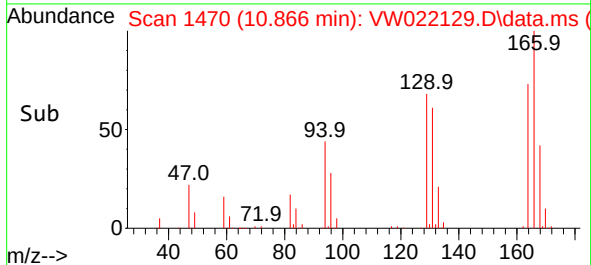


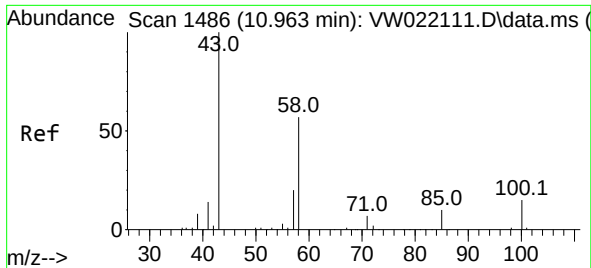
#46
Tetrachloroethene
Concen: 24.463 ug/L
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26



Tgt Ion: 164 Resp: 43032

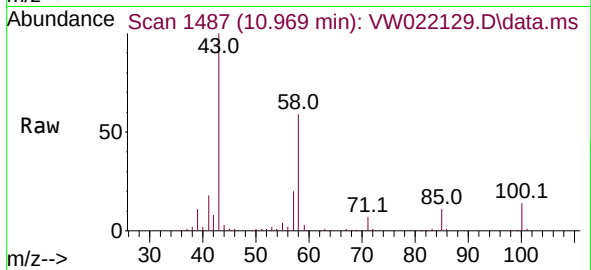
Ion	Ratio	Lower	Upper
164	100		
129	92.8	60.3	111.9
131	83.7	59.9	111.3
166	137.3	77.0	143.0



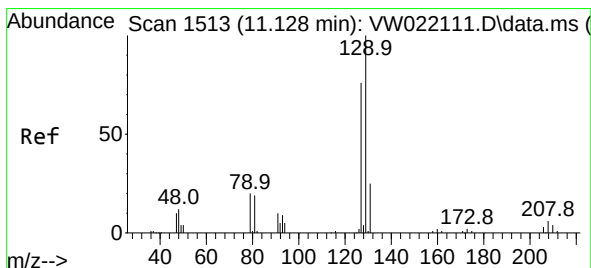
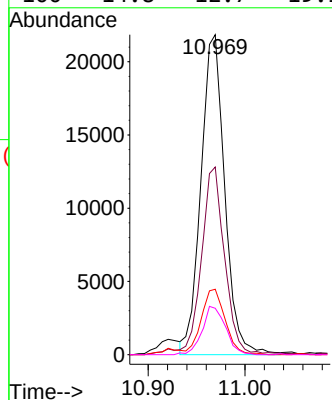
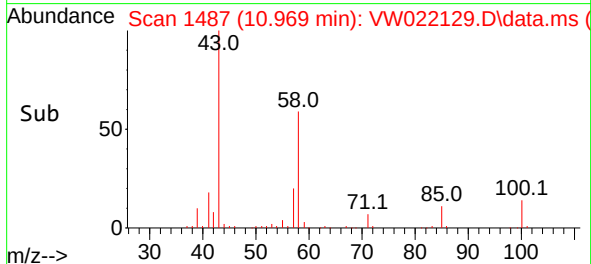


#48
2-Hexanone
Concen: 61.164 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :

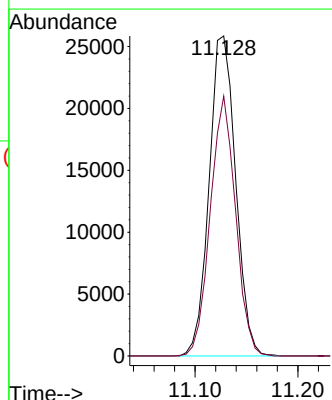
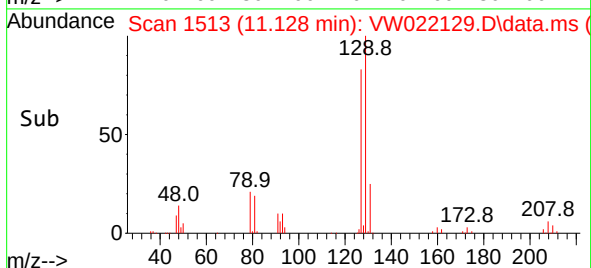
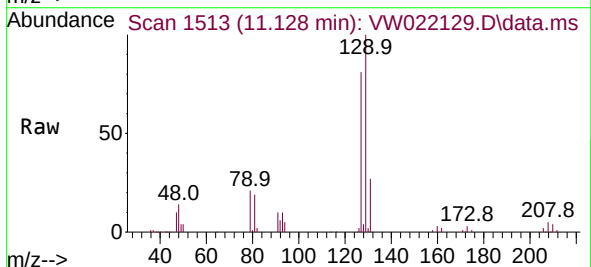


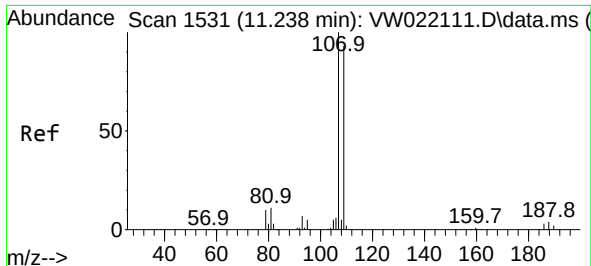
Tgt Ion: 43 Resp: 37508
Ion Ratio Lower Upper
43 100
58 55.5 44.6 66.8
57 20.4 15.8 23.8
100 14.8 12.7 19.1



#49
Dibromochloromethane
Concen: 26.360 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion: 129 Resp: 46453
Ion Ratio Lower Upper
129 100
127 81.2 54.5 101.1





#50

1,2-Dibromoethane

Concen: 26.432 ug/L

RT: 11.232 min Scan# 1

Delta R.T. -0.006 min

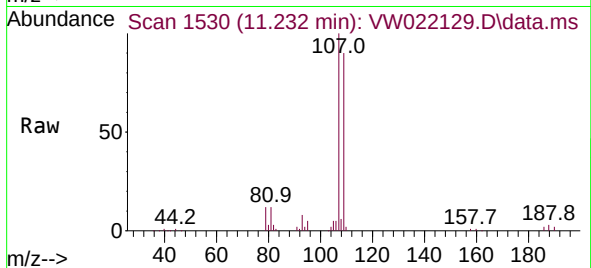
Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :



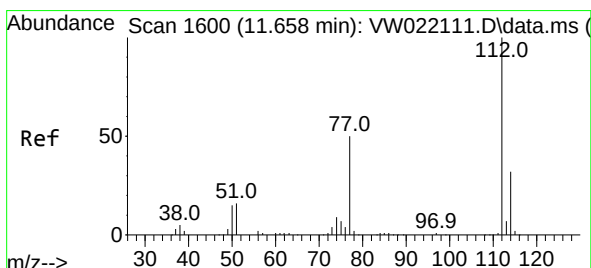
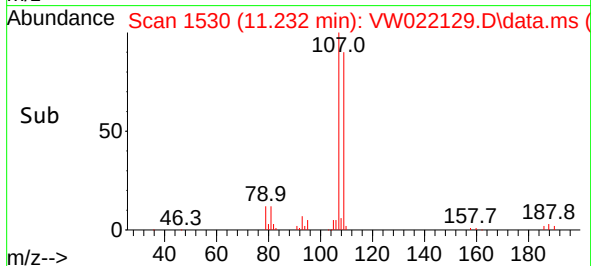
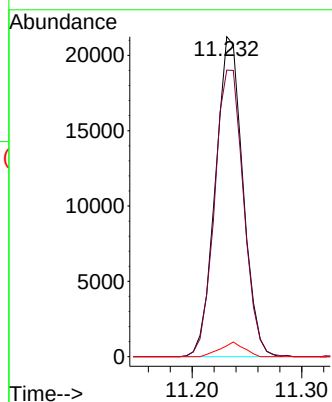
Tgt Ion:107 Resp: 36988

Ion Ratio Lower Upper

107 100

109 89.5 66.8 124.2

188 3.4 2.6 4.0



#51

Chlorobenzene

Concen: 25.868 ug/L

RT: 11.658 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

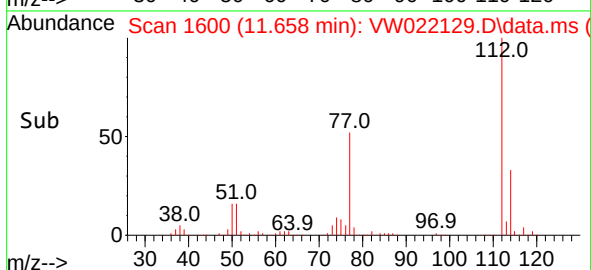
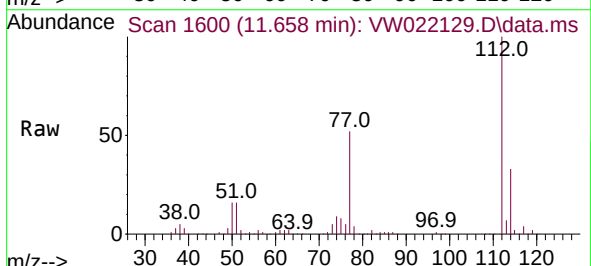
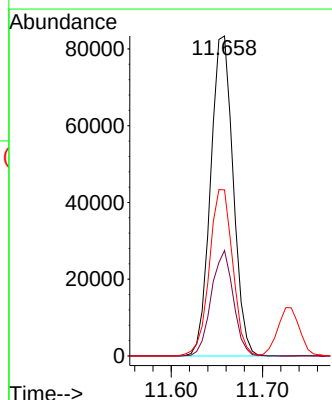
Tgt Ion:112 Resp: 142899

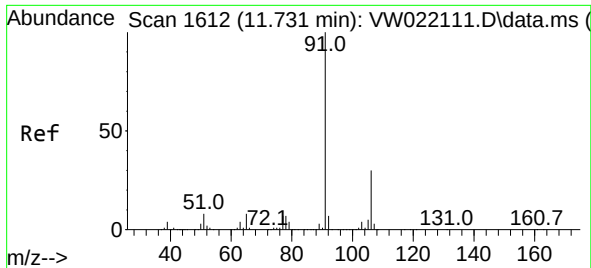
Ion Ratio Lower Upper

112 100

114 32.9 23.0 42.8

77 51.9 41.8 62.6

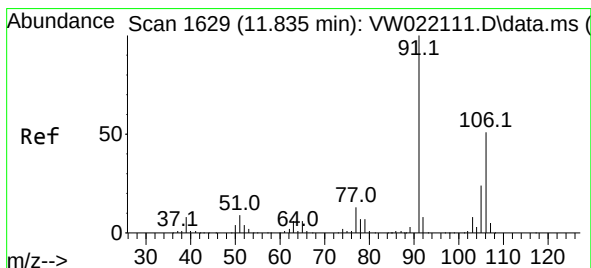
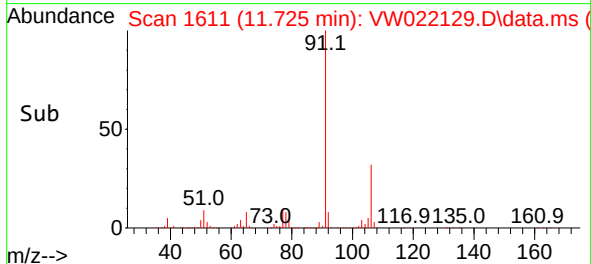
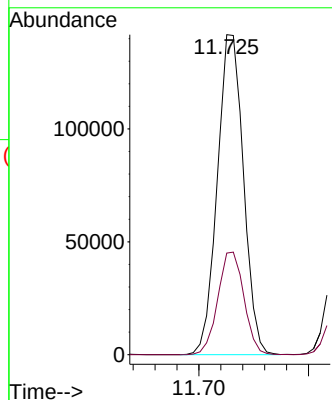
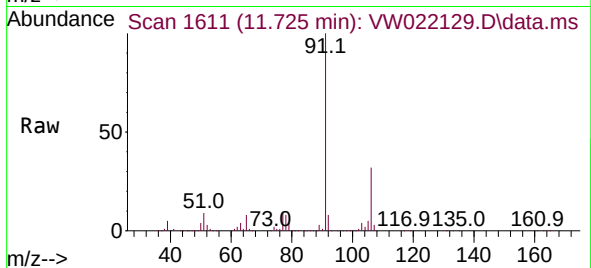




#52
Ethylbenzene
Concen: 26.799 ug/L
RT: 11.725 min Scan# 1
Delta R.T. -0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

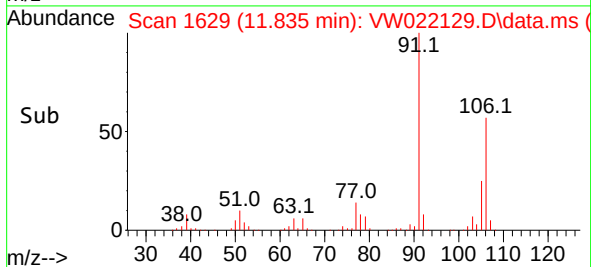
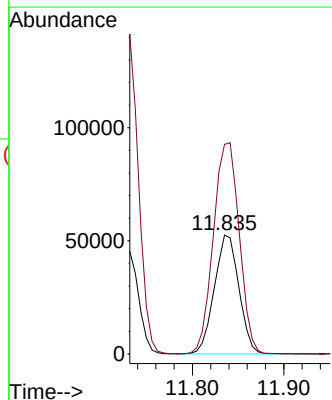
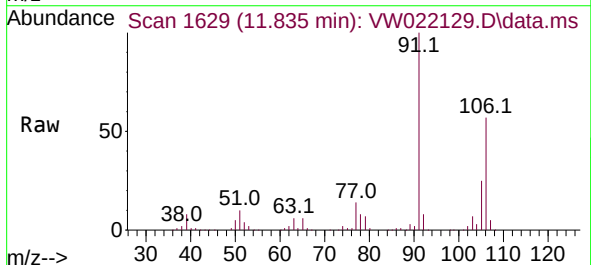
Instrument :
MSVOA_W
ClientSampleId :

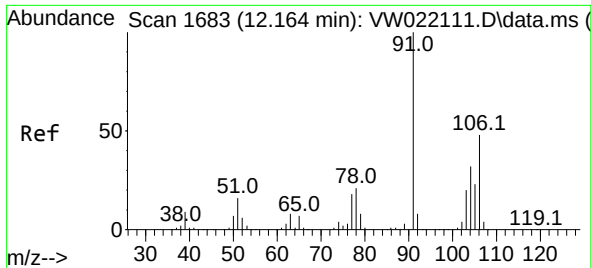
Tgt Ion: 91 Resp: 235424
Ion Ratio Lower Upper
91 100
106 31.7 22.8 42.4



#53
m,p-Xylene
Concen: 27.157 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:106 Resp: 98163
Ion Ratio Lower Upper
106 100
91 176.4 135.0 250.8

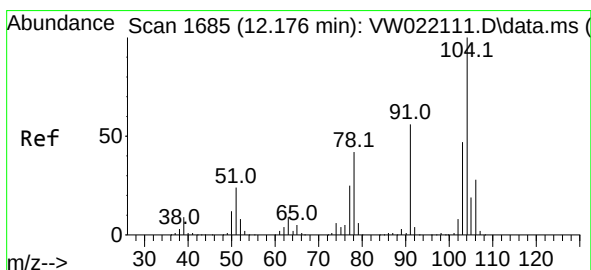
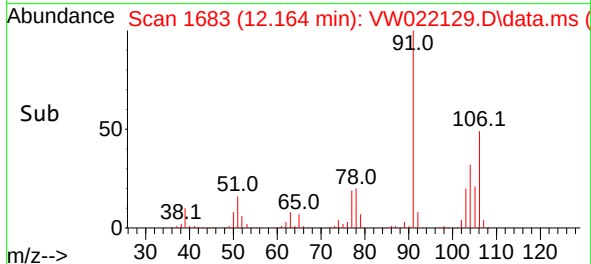
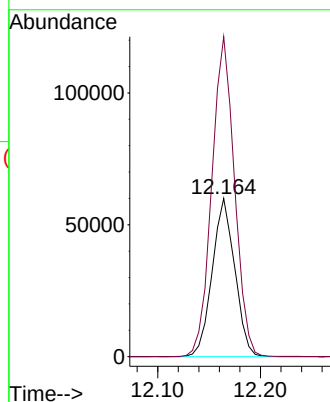
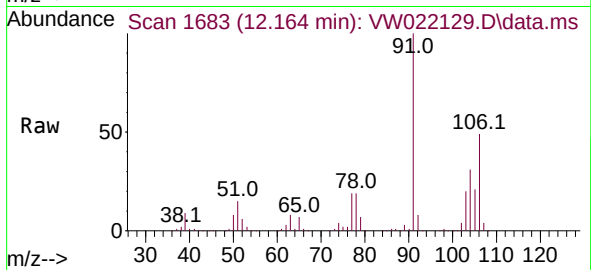




#54
o-Xylene
Concen: 26.908 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

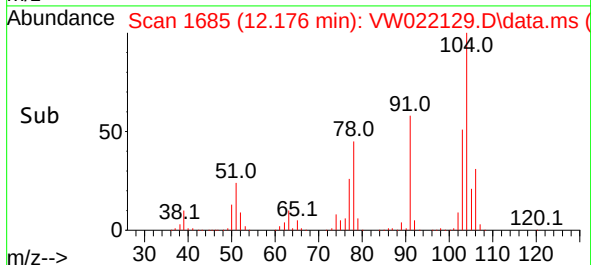
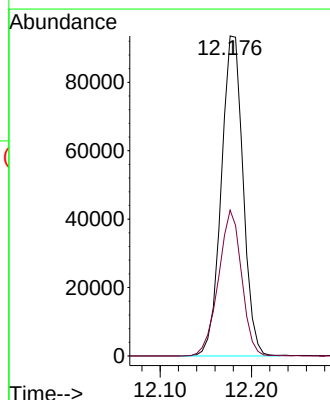
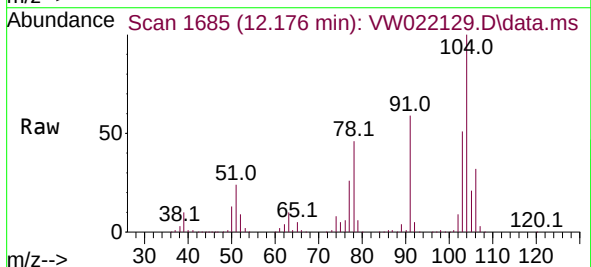
Instrument :
MSVOA_W
ClientSampleId :

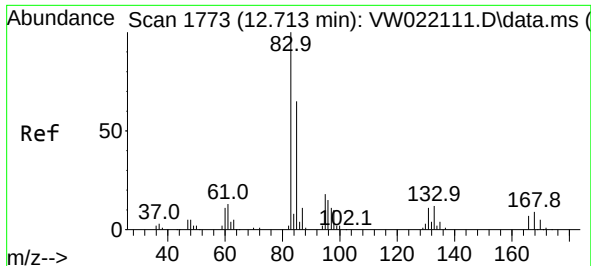
Tgt Ion:106 Resp: 91518
Ion Ratio Lower Upper
106 100
91 202.2 136.9 254.3



#55
Styrene
Concen: 27.245 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:104 Resp: 155347
Ion Ratio Lower Upper
104 100
78 45.6 27.8 51.6

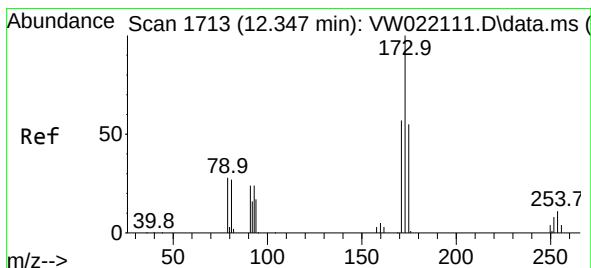
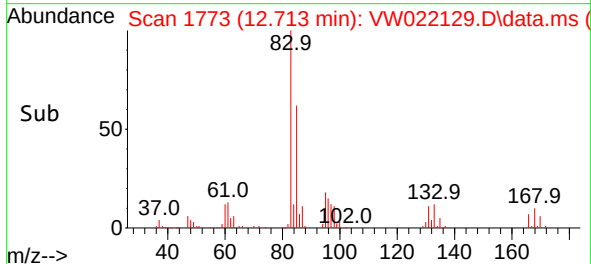
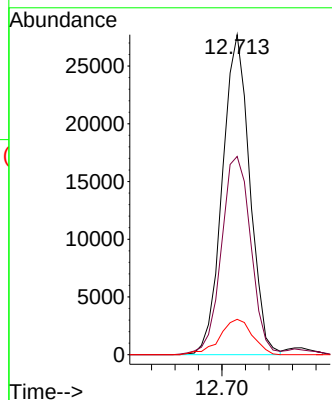
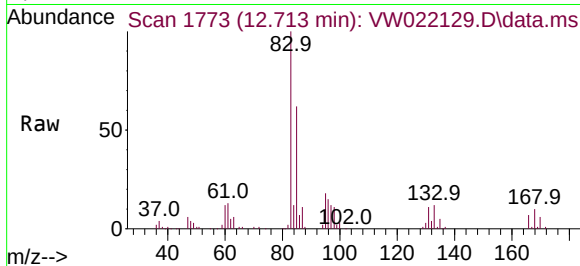




#57
1,1,2,2-Tetrachloroethane
Concen: 26.640 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

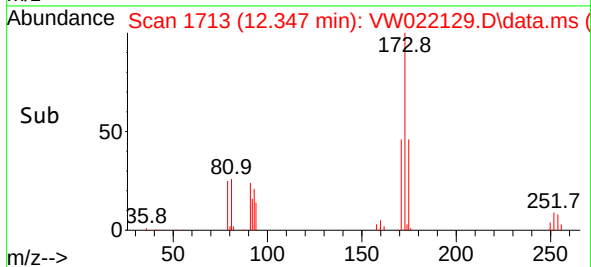
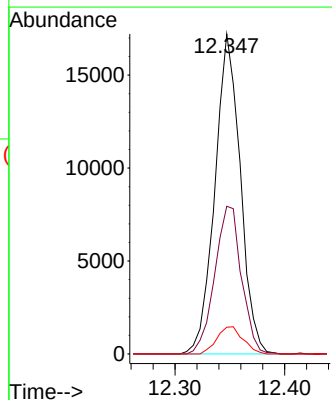
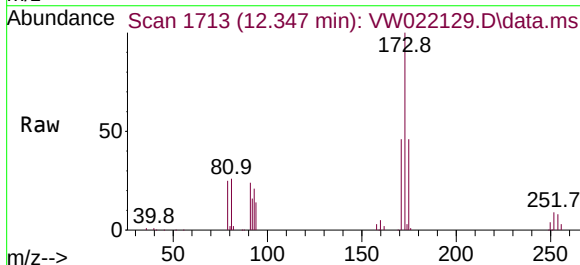
Instrument :
MSVOA_W
ClientSampleId :

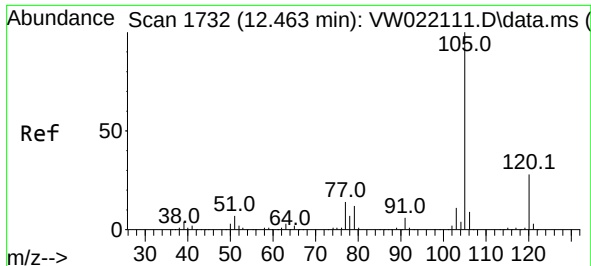
Tgt Ion: 83 Resp: 44845
Ion Ratio Lower Upper
83 100
85 61.9 44.2 82.0
131 11.0 9.4 14.0



#59
Bromoform
Concen: 27.670 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:173 Resp: 27728
Ion Ratio Lower Upper
173 100
175 48.5 38.2 57.4
254 8.8 5.0 7.6#

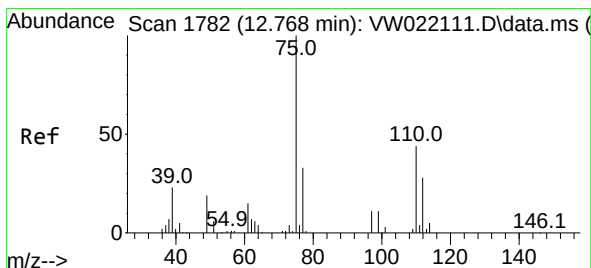
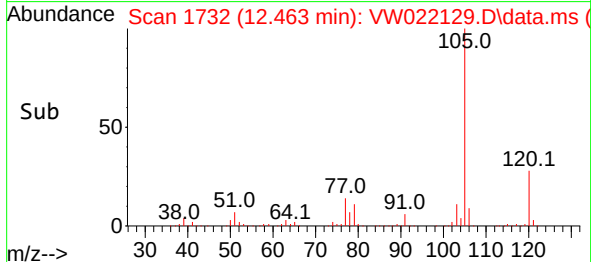
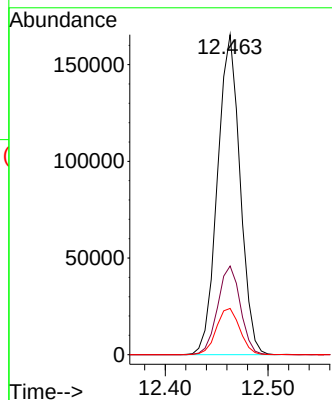
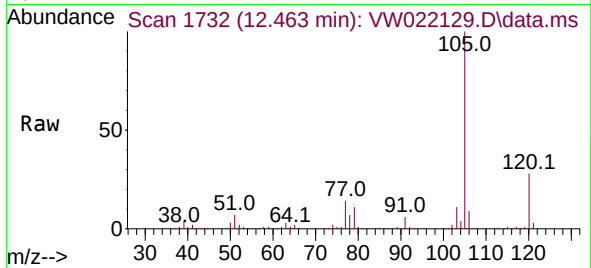




#60
Isopropylbenzene
Concen: 27.738 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

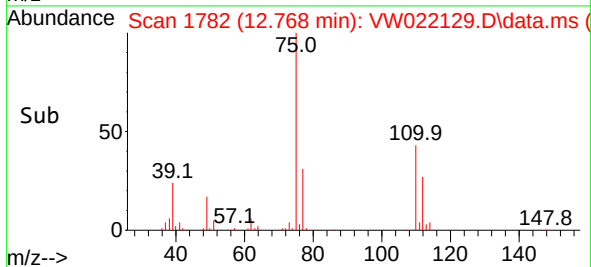
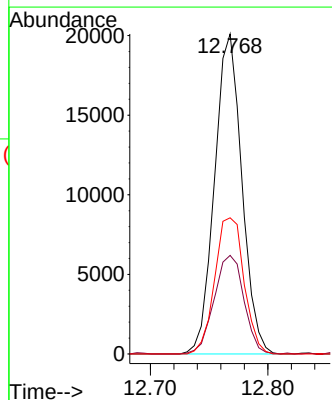
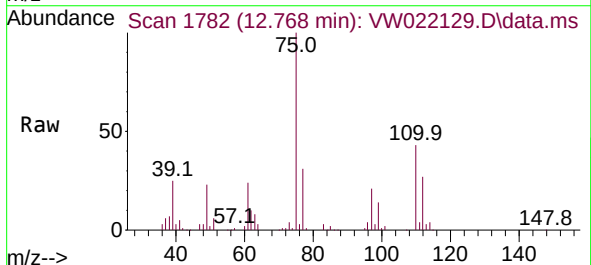
Instrument :
MSVOA_W
ClientSampleId :

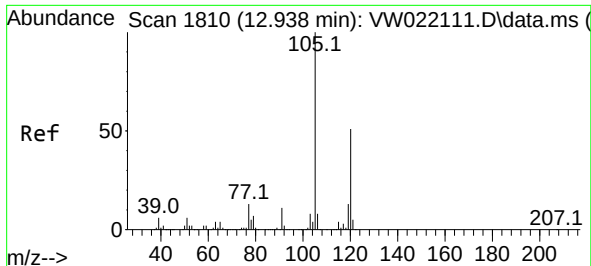
Tgt Ion:105 Resp: 252317
Ion Ratio Lower Upper
105 100
120 27.9 22.1 33.1
77 15.1 12.0 18.0



#61
1,2,3-Trichloropropane
Concen: 27.118 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion: 75 Resp: 32433
Ion Ratio Lower Upper
75 100
77 33.5 27.1 40.7
110 45.6 36.7 55.1





#62

1,3,5-Trimethylbenzene

Concen: 27.788 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

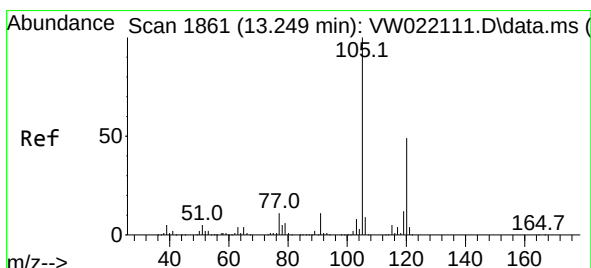
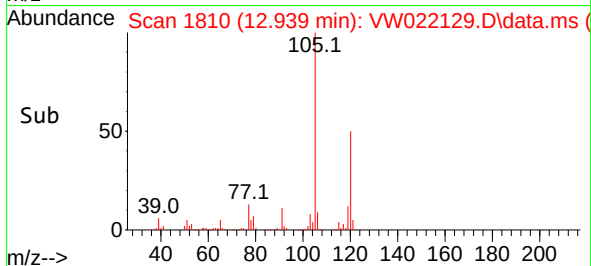
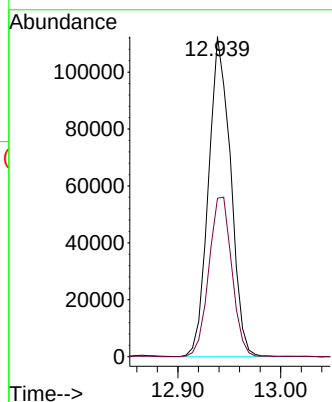
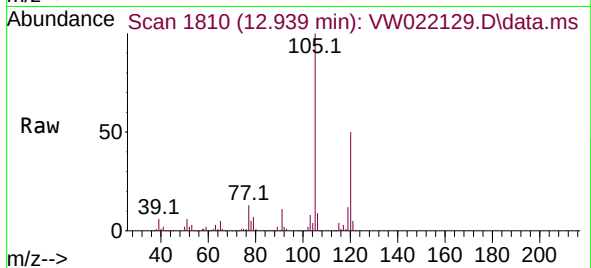
ClientSampleId :

Tgt Ion:105 Resp: 168082

Ion Ratio Lower Upper

105 100

120 51.8 41.5 62.3



#63

1,2,4-Trimethylbenzene

Concen: 28.187 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022129.D

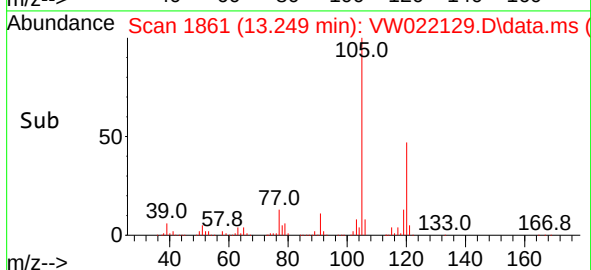
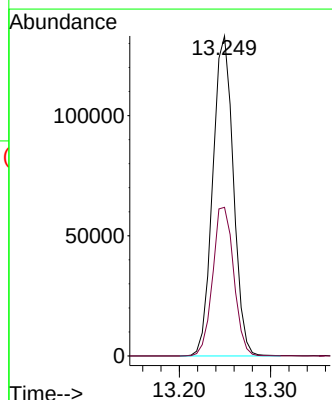
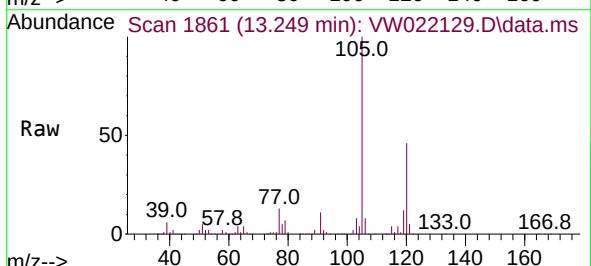
Acq: 24 Feb 2022 09:26

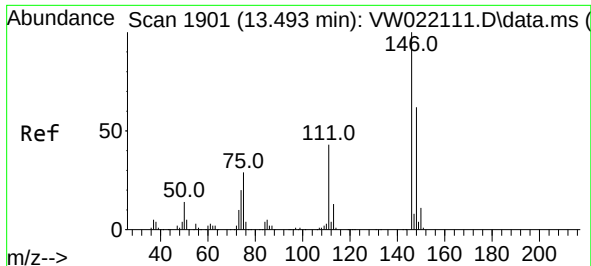
Tgt Ion:105 Resp: 208367

Ion Ratio Lower Upper

105 100

120 47.6 39.2 58.8

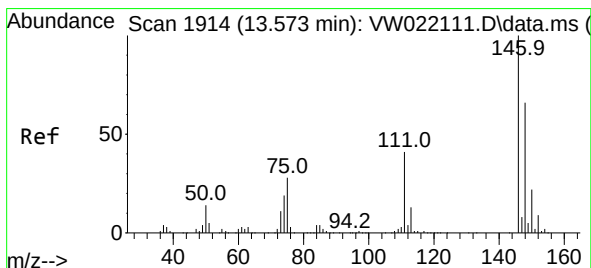
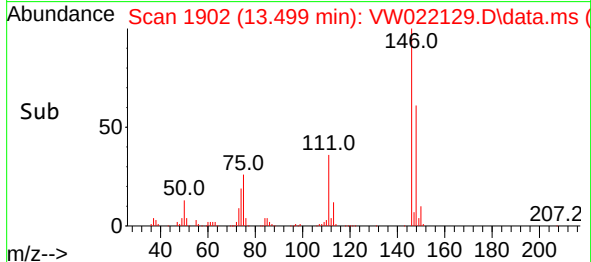
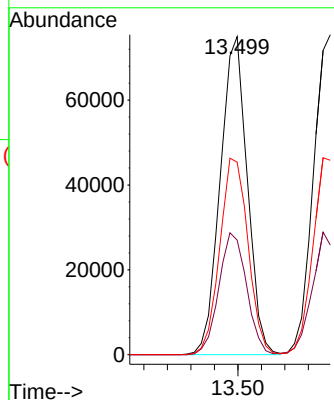
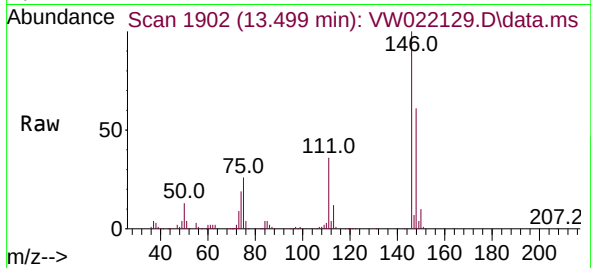




#64
1,3-Dichlorobenzene
Concen: 26.612 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

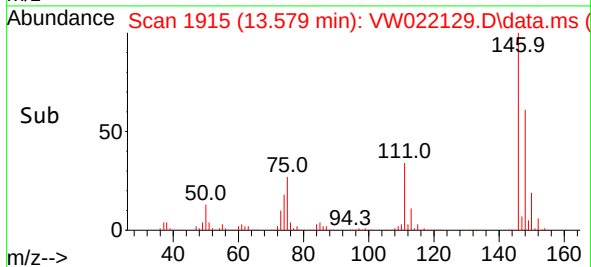
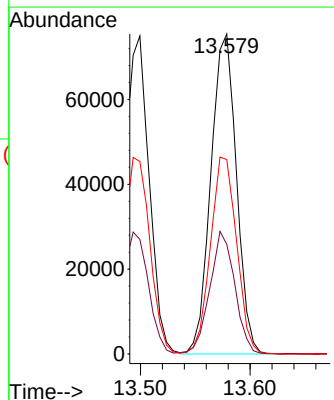
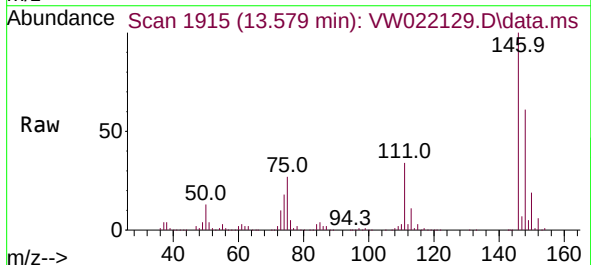
Instrument :
MSVOA_W
ClientSampleId :

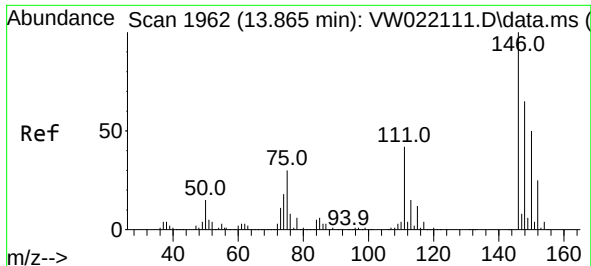
Tgt Ion:146 Resp: 120084
Ion Ratio Lower Upper
146 100
111 36.0 26.9 49.9
148 60.5 41.6 77.2



#65
1,4-Dichlorobenzene
Concen: 27.068 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:146 Resp: 122401
Ion Ratio Lower Upper
146 100
111 34.2 27.5 51.1
148 60.7 42.9 79.7





#67

1,2-Dichlorobenzene

Concen: 26.132 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

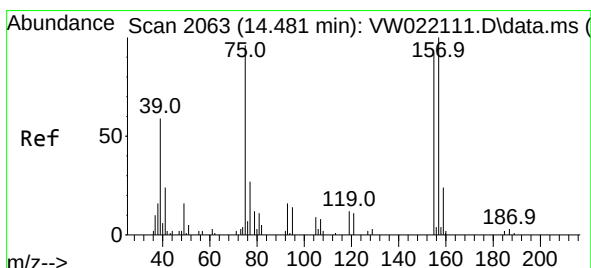
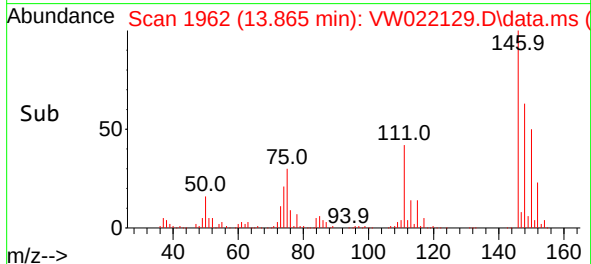
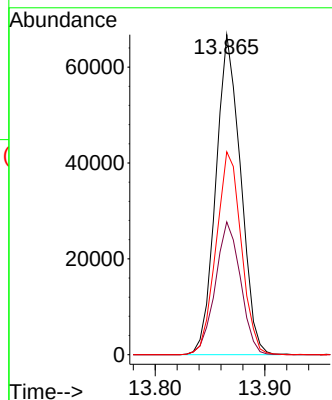
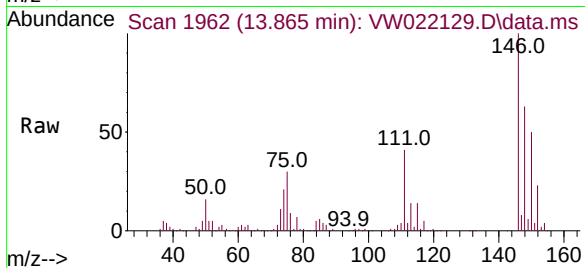
Tgt Ion:146 Resp: 104839

Ion Ratio Lower Upper

146 100

111 41.5 34.8 52.2

148 63.4 50.4 75.6



#68

1,2-Dibromo-3-chloropropane

Concen: 26.674 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

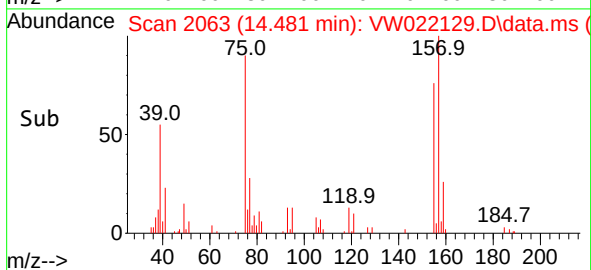
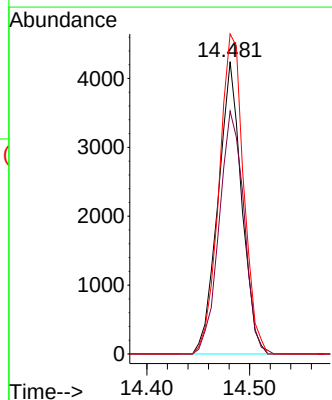
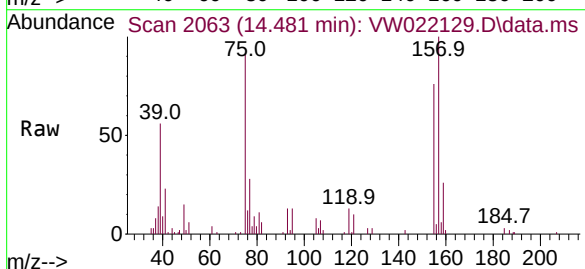
Tgt Ion: 75 Resp: 6744

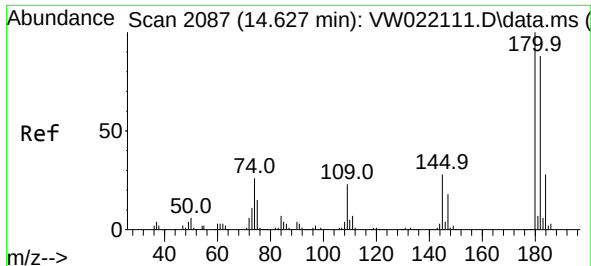
Ion Ratio Lower Upper

75 100

155 83.0 58.2 87.2

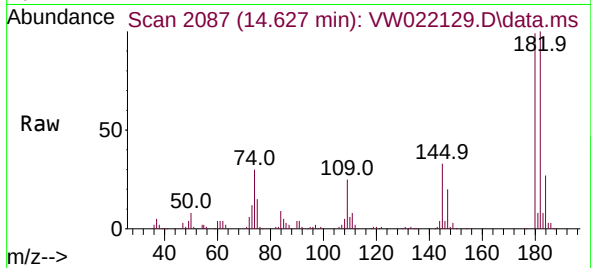
157 109.4 80.5 120.7



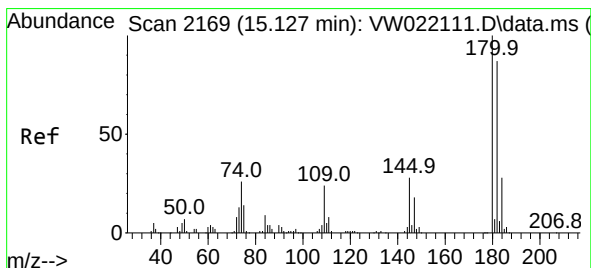
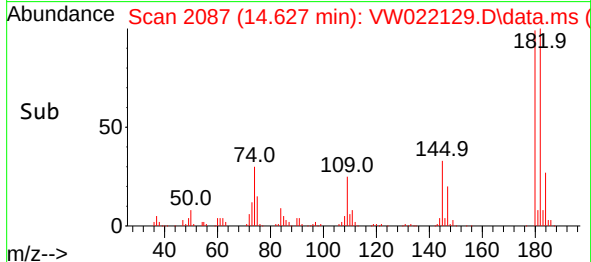
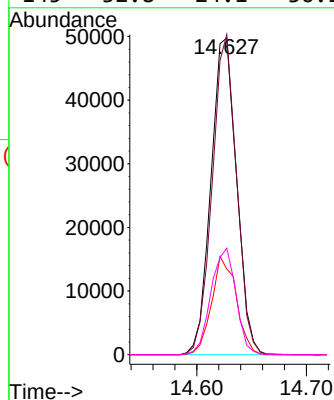


#69
1,3,5-Trichlorobenzene
Concen: 24.965 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Instrument :
MSVOA_W
ClientSampleId :

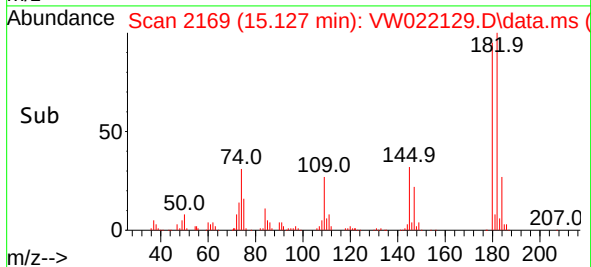
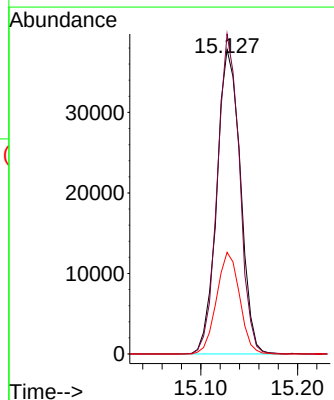
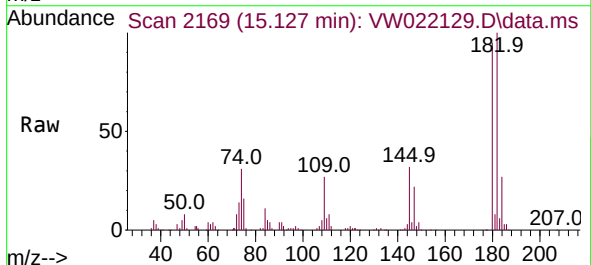


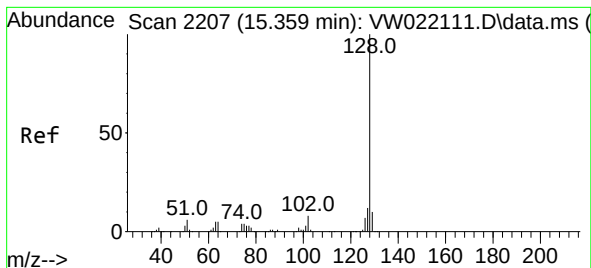
Tgt Ion:180 Resp: 80858
Ion Ratio Lower Upper
180 100
182 95.7 69.4 104.0
184 29.9 21.8 32.8
145 32.8 24.1 36.1



#70
1,2,4-trichlorobenzene
Concen: 26.101 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VW022129.D
Acq: 24 Feb 2022 09:26

Tgt Ion:180 Resp: 63963
Ion Ratio Lower Upper
180 100
182 98.5 77.8 116.6
145 32.6 25.8 38.6





#71

Naphthalene

Concen: 28.253 ug/L

RT: 15.359 min Scan# 21

Delta R.T. 0.000 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Instrument :

MSVOA_W

ClientSampleId :

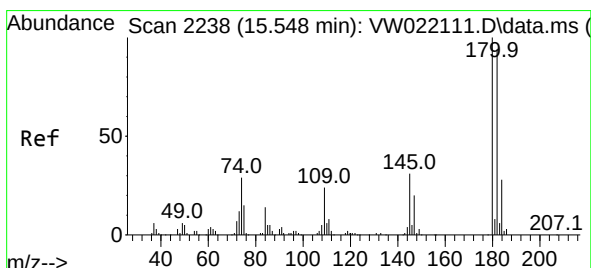
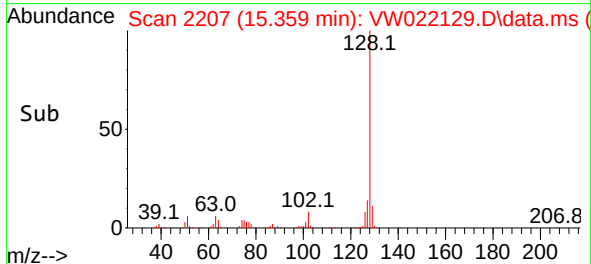
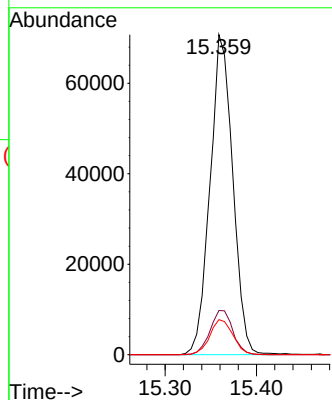
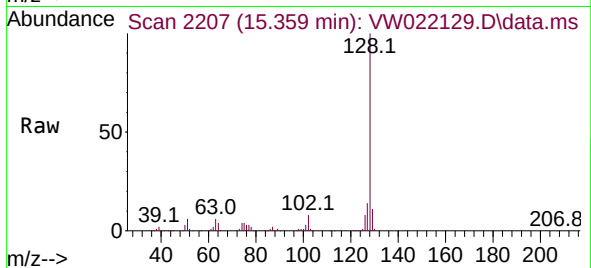
Tgt Ion:128 Resp: 122227

Ion Ratio Lower Upper

128 100

127 13.9 11.0 16.6

129 11.1 8.9 13.3



#72

1,2,3-Trichlorobenzene

Concen: 27.083 ug/L

RT: 15.554 min Scan# 2239

Delta R.T. 0.006 min

Lab File: VW022129.D

Acq: 24 Feb 2022 09:26

Tgt Ion:180 Resp: 57406

Ion Ratio Lower Upper

180 100

182 92.5 79.0 118.4

145 33.0 28.0 42.0

