

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW042822\
 Data File : VW022685.D
 Acq On : 29 Apr 2022 01:11
 Operator : SY/VA
 Sample : VSTDCCC025EC
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 29 02:22:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 02:06:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	268233	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	264298	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	153464	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	119640	20.176	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.720%
7) Chloroethane-d5	2.885	69	88015	23.683	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.720%
11) 1,1-Dichloroethene-d2	4.019	63	179066	23.282	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.120%
21) 2-Butanone-d5	7.074	46	58239	56.255	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	112.520%
24) Chloroform-d	7.647	84	228947	27.307	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.240%
26) 1,2-Dichloroethane-d4	8.305	65	121387	25.340	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.360%
32) Benzene-d6	8.275	84	429297	26.586	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.360%
36) 1,2-Dichloropropane-d6	9.274	67	123297	26.385	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.560%
41) Toluene-d8	10.323	98	412448	26.080	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.320%
43) trans-1,3-Dichloroprop...	10.579	79	51031	23.140	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.560%
47) 2-Hexanone-d5	10.921	63	49404	56.825	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.640%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	116487	29.317	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.280%
66) 1,2-Dichlorobenzene-d4	13.853	152	137241	25.248	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	27097	20.608	ug/L	99
3) Chloromethane	2.215	50	70648	21.550	ug/L	97
5) Vinyl chloride	2.361	62	152256	22.258	ug/L	98
6) Bromomethane	2.776	94	89363	21.490	ug/L	99
8) Chloroethane	2.916	64	73034	24.387	ug/L	95
9) Trichlorofluoromethane	3.257	101	73044	28.923	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	109464	27.220	ug/L #	79
12) 1,1-Dichloroethene	4.044	96	95066	26.322	ug/L	86
13) Acetone	4.123	43	37975	53.875	ug/L	93
14) Carbon disulfide	4.385	76	228011	19.191	ug/L	97
15) Methyl Acetate	4.672	43	46370	26.215	ug/L	94
16) Methylene chloride	4.916	84	119441	29.593	ug/L	92
17) trans-1,2-Dichloroethene	5.428	96	106397	25.148	ug/L	99
18) Methyl tert-butyl Ether	5.428	73	185975	26.915	ug/L	96
19) 1,1-Dichloroethane	6.214	63	201404	26.090	ug/L	99
20) cis-1,2-Dichloroethene	7.171	96	130010	29.095	ug/L #	82
22) 2-Butanone	7.171	43	61013	57.311	ug/L	94
23) Bromochloromethane	7.519	128	56300	29.276	ug/L	90
25) Chloroform	7.677	83	227028	27.922	ug/L	98

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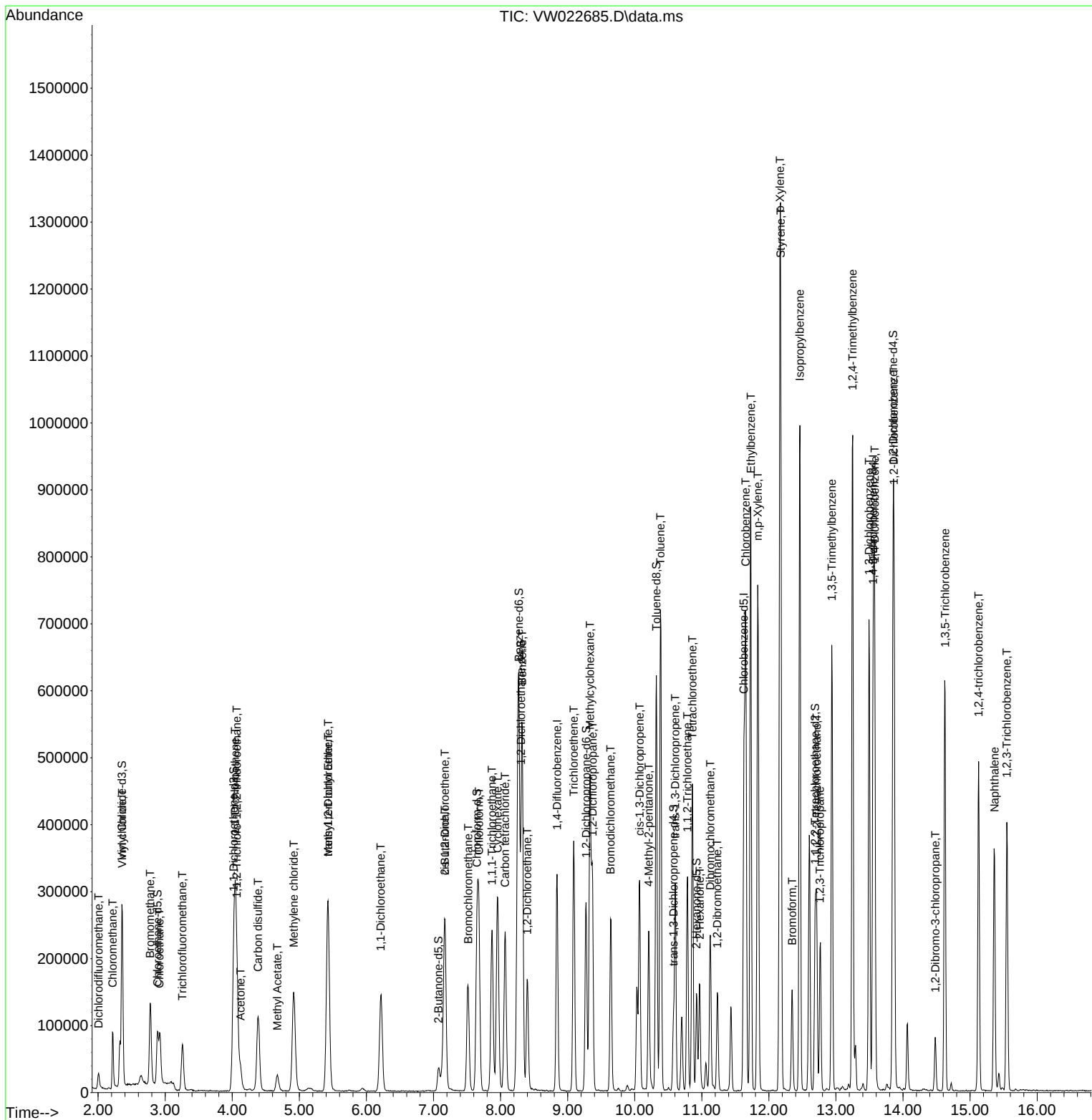
Instrument :
 MSVOA_W
 ClientSampleId :

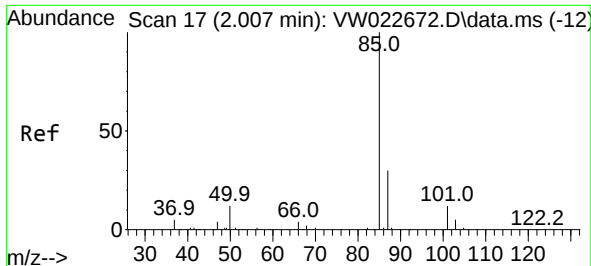
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 29 02:06:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.397	62	147720	25.849	ug/L	96
29) Cyclohexane	7.958	56	160525	21.221	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	189707	25.876	ug/L	97
31) Carbon tetrachloride	8.067	117	170705	25.942	ug/L	98
33) Benzene	8.323	78	473911	26.410	ug/L	100
34) Trichloroethene	9.092	95	126298	26.287	ug/L	96
35) Methylcyclohexane	9.335	83	197739	22.939	ug/L	95
37) 1,2-Dichloropropane	9.372	63	114842	26.715	ug/L	99
38) Bromodichloromethane	9.640	83	165646	26.795	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	179131	26.260	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	145622	55.508	ug/L	94
42) Toluene	10.384	91	529778	25.765	ug/L	93
44) trans-1,3-Dichloropropene	10.604	75	158441	25.940	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	96004	29.262	ug/L	99
46) Tetrachloroethene	10.860	164	92183	26.101	ug/L	91
48) 2-Hexanone	10.969	43	98822	53.394	ug/L	95
49) Dibromochloromethane	11.128	129	116629	29.807	ug/L	100
50) 1,2-Dibromoethane	11.231	107	95482	29.473	ug/L	93
51) Chlorobenzene	11.652	112	354790	28.236	ug/L	96
52) Ethylbenzene	11.731	91	616193	26.736	ug/L	96
53) m,p-Xylene	11.835	106	242500	27.672	ug/L	87
54) o-Xylene	12.164	106	235555	28.128	ug/L	93
55) Styrene	12.176	104	404531	28.274	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.713	83	120242	29.860	ug/L	99
59) Bromoform	12.347	173	62567	27.437	ug/L	99
60) Isopropylbenzene	12.463	105	642181	25.191	ug/L	98
61) 1,2,3-Trichloropropane	12.762	75	86636	26.539	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	342921	24.460	ug/L	95
63) 1,2,4-Trimethylbenzene	13.249	105	537997	25.235	ug/L	95
64) 1,3-Dichlorobenzene	13.493	146	266725	25.780	ug/L	97
65) 1,4-Dichlorobenzene	13.579	146	276272	26.775	ug/L	97
67) 1,2-Dichlorobenzene	13.865	146	249011	26.912	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	19074	25.193	ug/L	89
69) 1,3,5-Trichlorobenzene	14.627	180	172632	25.574	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	135458	23.893	ug/L	95
71) Naphthalene	15.365	128	312639	26.146	ug/L	100
72) 1,2,3-Trichlorobenzene	15.548	180	121263	25.024	ug/L	98

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

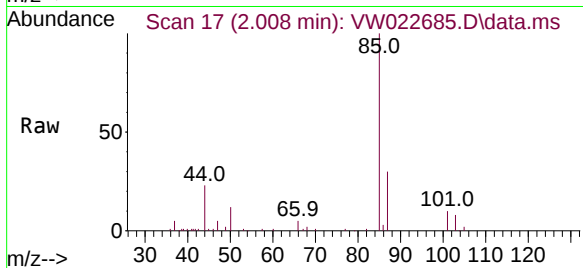
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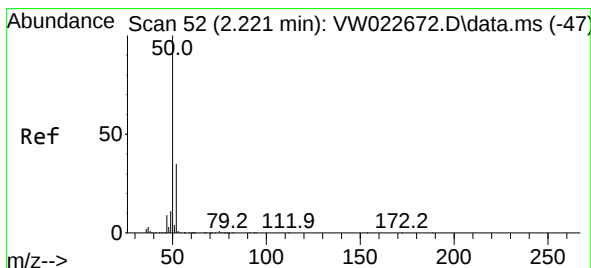
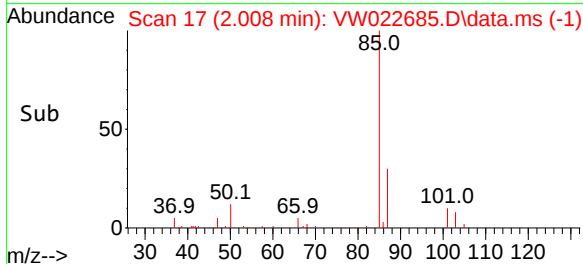
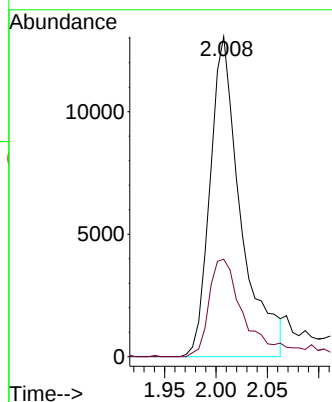


#2
Dichlorodifluoromethane
Concen: 20.608 ug/L
RT: 2.008 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Instrument :
MSVOA_W
ClientSampleId :

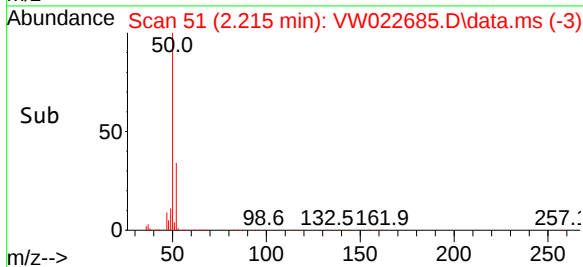
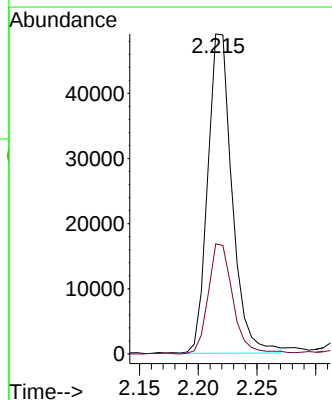
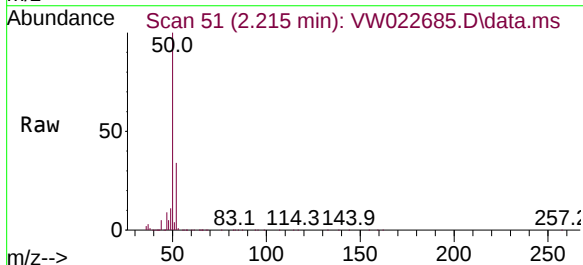


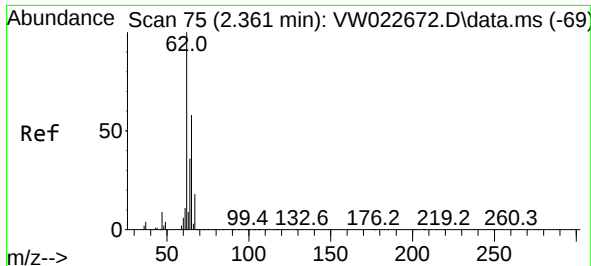
Tgt Ion: 85 Resp: 27097
Ion Ratio Lower Upper
85 100
87 30.1 23.7 35.5



#3
Chloromethane
Concen: 21.550 ug/L
RT: 2.215 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 50 Resp: 70648
Ion Ratio Lower Upper
50 100
52 34.4 23.0 42.6

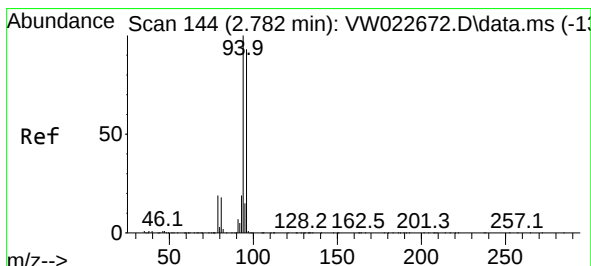
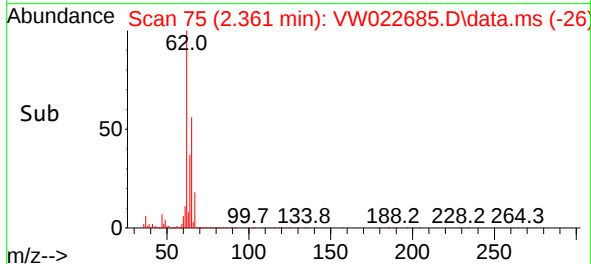
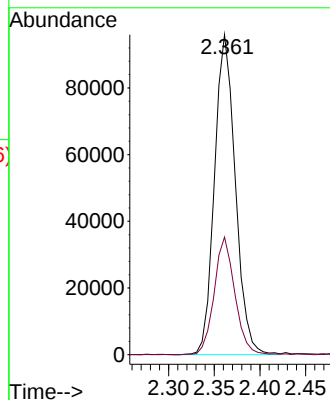
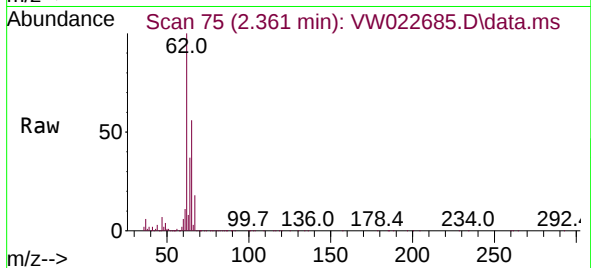




#5
 Vinyl chloride
 Concen: 22.258 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11

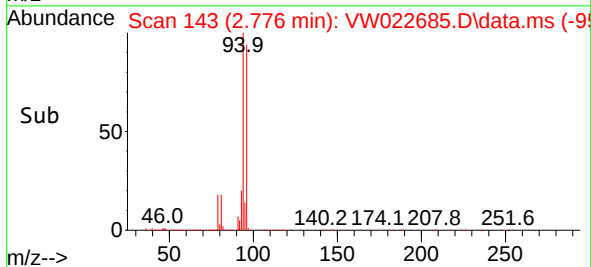
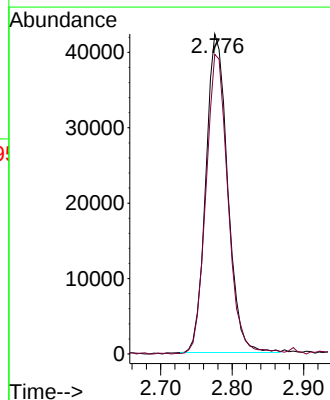
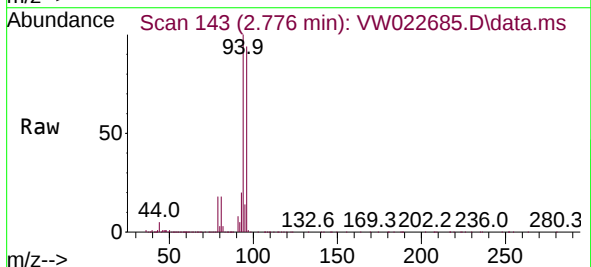
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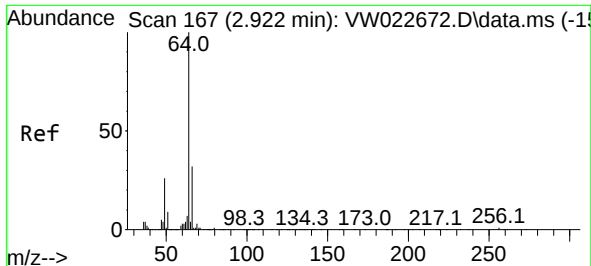
Tgt Ion: 62 Resp: 152256
 Ion Ratio Lower Upper
 62 100
 64 36.8 26.5 49.3



#6
 Bromomethane
 Concen: 21.490 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11

Tgt Ion: 94 Resp: 89363
 Ion Ratio Lower Upper
 94 100
 96 93.7 66.6 123.6

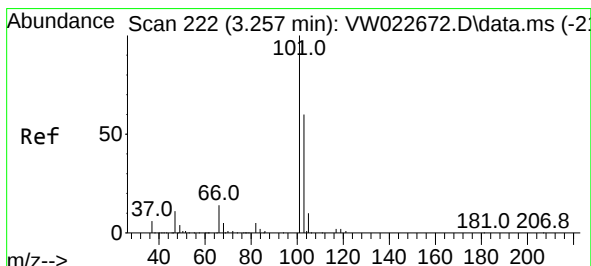
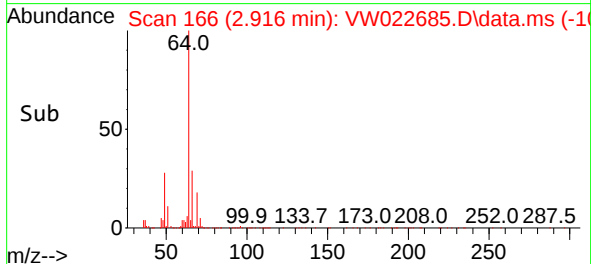
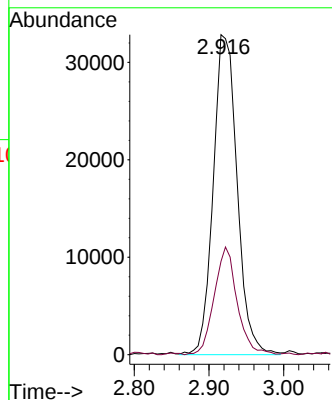
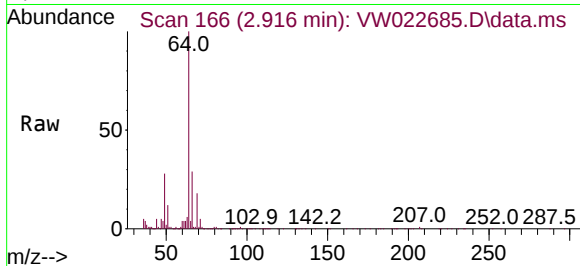




#8
Chloroethane
Concen: 24.387 ug/L
RT: 2.916 min Scan# 166
Delta R.T. -0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

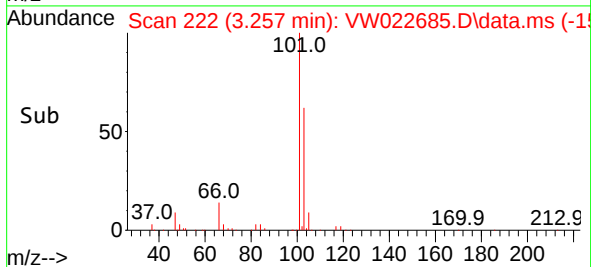
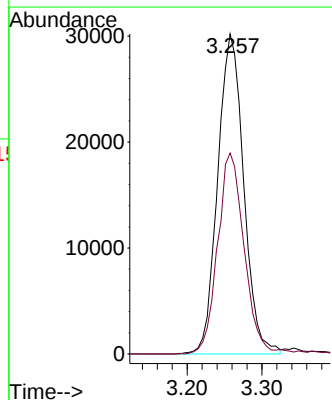
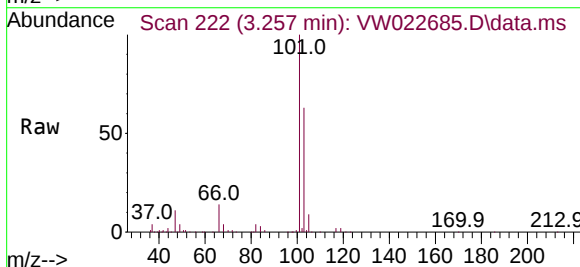
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MSVOA_W
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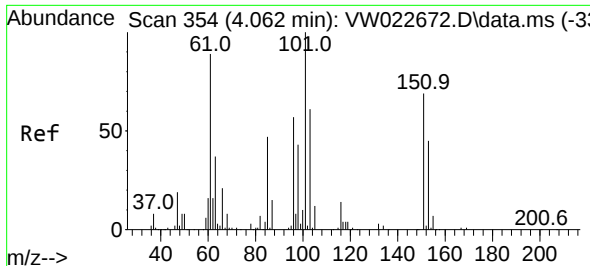
Tgt Ion: 64 Resp: 73034
Ion Ratio Lower Upper
64 100
66 29.1 22.3 41.5



#9
Trichlorofluoromethane
Concen: 28.923 ug/L
RT: 3.257 min Scan# 222
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion:101 Resp: 73044
Ion Ratio Lower Upper
101 100
103 63.5 52.0 78.0





#10

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

Concen: 27.220 ug/L

RT: 4.068 min Scan# 31

Delta R.T. 0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

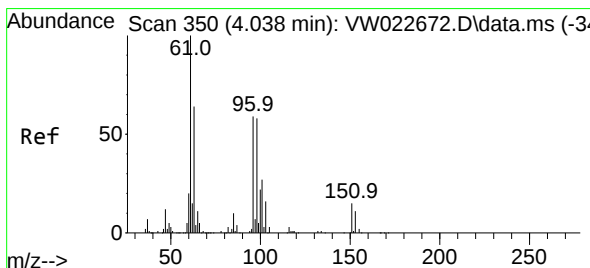
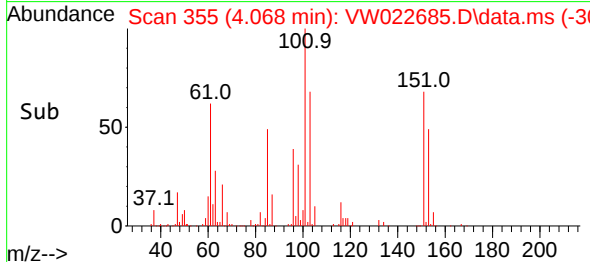
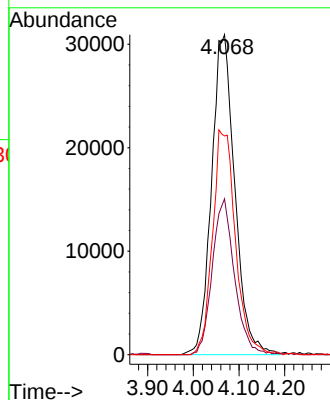
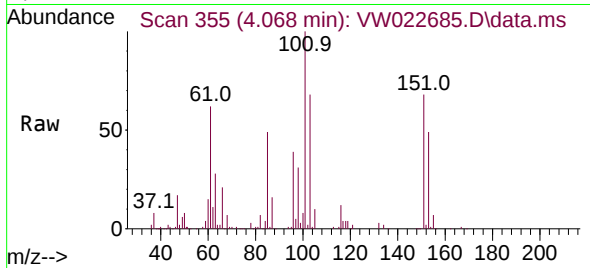
Tgt Ion:101 Resp: 109464

Ion Ratio Lower Upper

101 100

85 46.4 39.2 58.8

151 38.3 52.2 78.4#



#12

1,1-Dichloroethene

Concen: 26.322 ug/L

RT: 4.044 min Scan# 351

Delta R.T. 0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

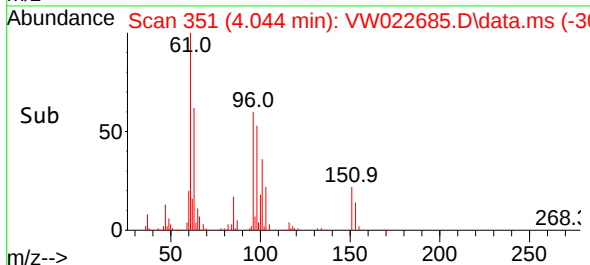
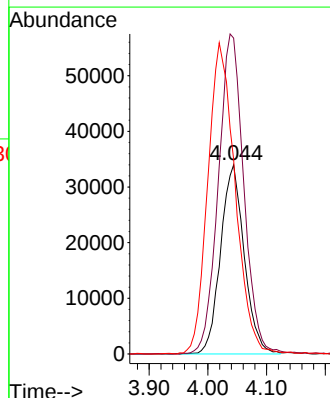
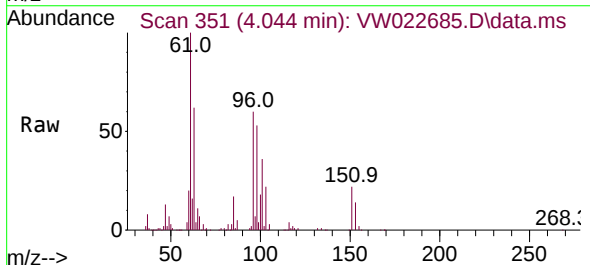
Tgt Ion: 96 Resp: 95066

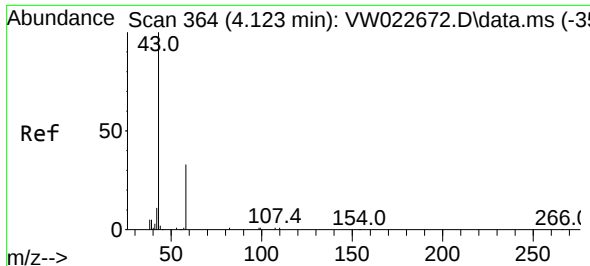
Ion Ratio Lower Upper

96 100

61 166.9 128.0 237.6

63 102.8 86.6 160.8

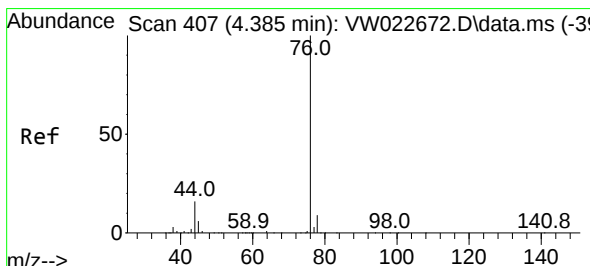
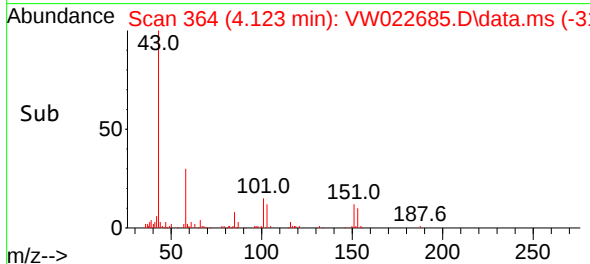
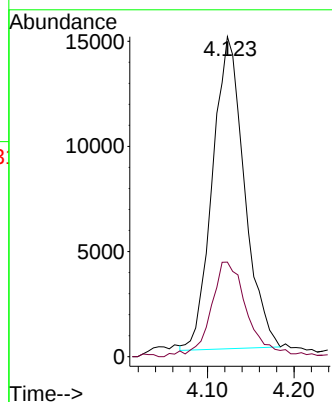
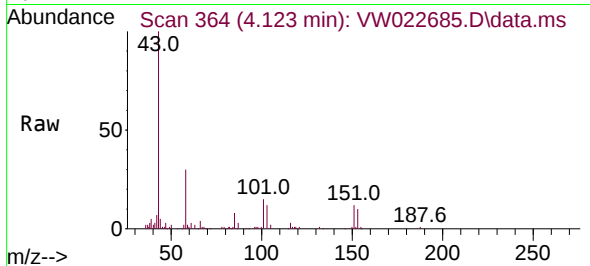




#13
Acetone
Concen: 53.875 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

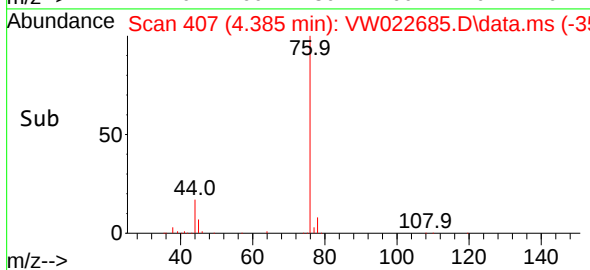
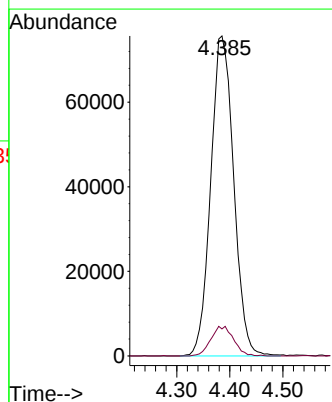
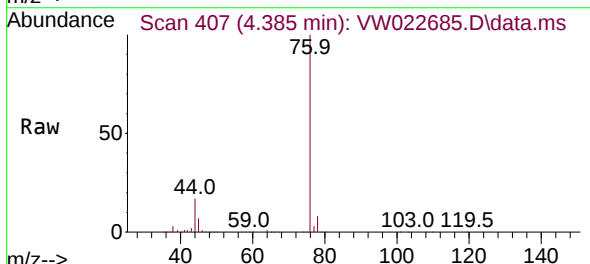
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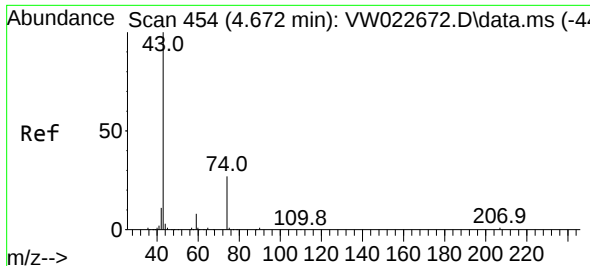
Tgt Ion: 43 Resp: 37975
Ion Ratio Lower Upper
43 100
58 32.2 0.0 57.0



#14
Carbon disulfide
Concen: 19.191 ug/L
RT: 4.385 min Scan# 407
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 76 Resp: 228011
Ion Ratio Lower Upper
76 100
78 8.4 7.6 11.4

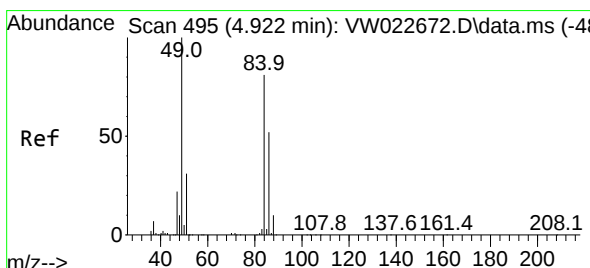
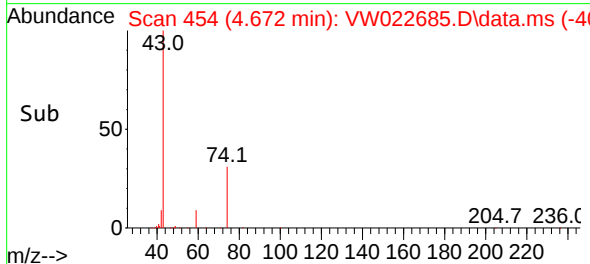
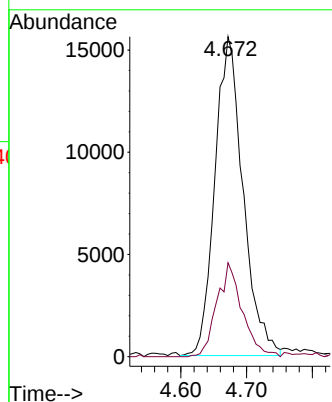
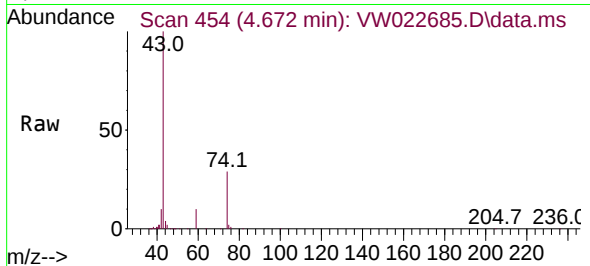




#15
Methyl Acetate
Concen: 26.215 ug/L
RT: 4.672 min Scan# 41
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

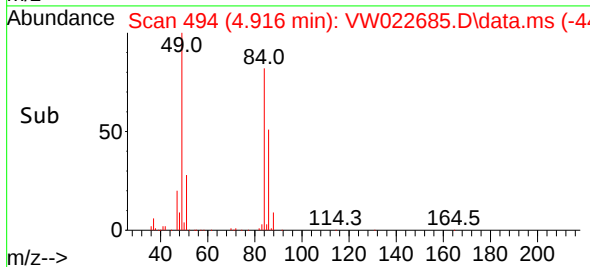
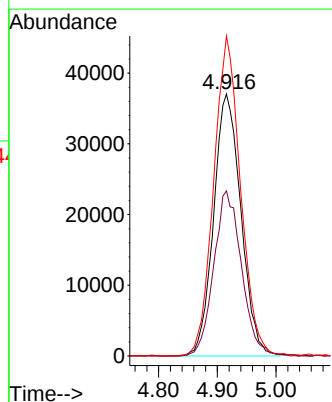
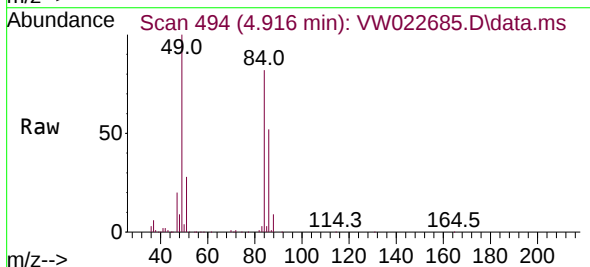
Instrument :
MSVOA_W
ClientSampleId :

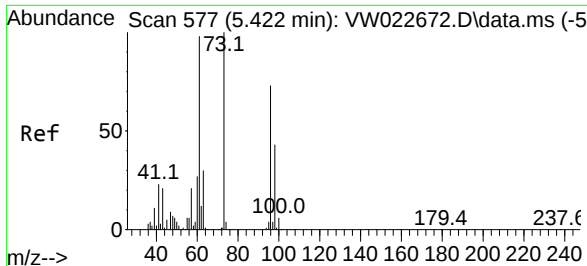
Tgt Ion: 43 Resp: 46370
Ion Ratio Lower Upper
43 100
74 26.2 18.5 27.7



#16
Methylene chloride
Concen: 29.593 ug/L
RT: 4.916 min Scan# 494
Delta R.T. -0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 84 Resp: 119441
Ion Ratio Lower Upper
84 100
86 63.1 42.8 79.4
49 122.2 94.2 175.0

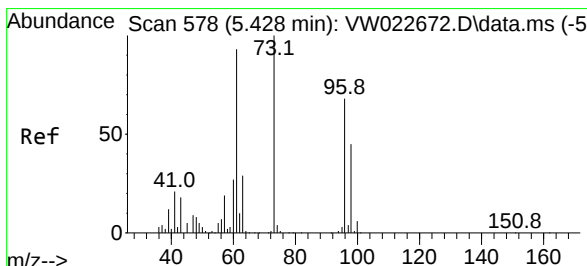
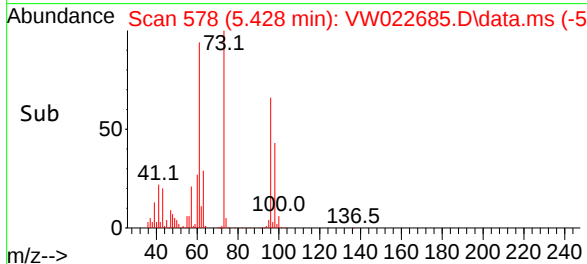
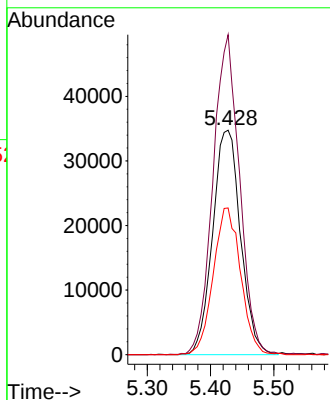
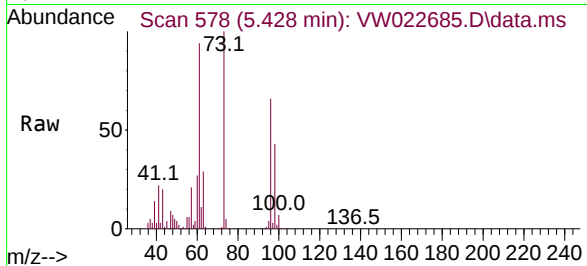




#17
trans-1,2-Dichloroethene
Concen: 25.148 ug/L
RT: 5.428 min Scan# 577
Delta R.T. 0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

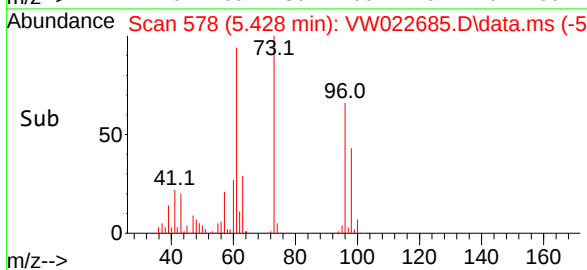
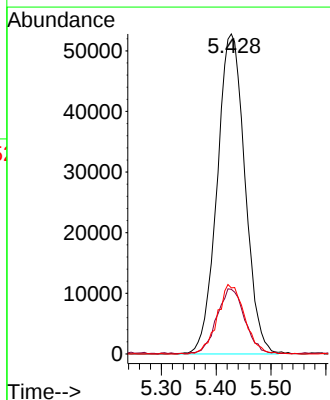
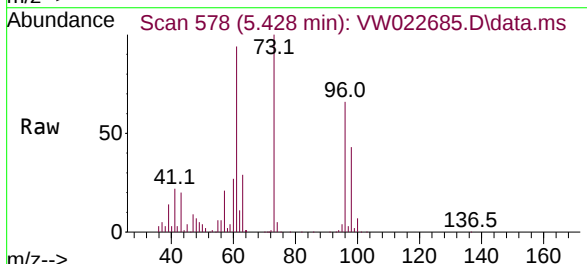
Instrument :
MSVOA_W
ClientSampleId :

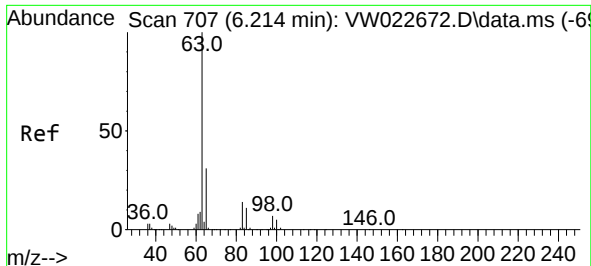
Tgt Ion: 96 Resp: 106397
Ion Ratio Lower Upper
96 100
61 142.5 99.8 185.4
98 65.3 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.915 ug/L
RT: 5.428 min Scan# 578
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 73 Resp: 185975
Ion Ratio Lower Upper
73 100
43 20.4 18.8 28.2
57 21.1 17.5 26.3





#19

1,1-Dichloroethane

Concen: 26.090 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

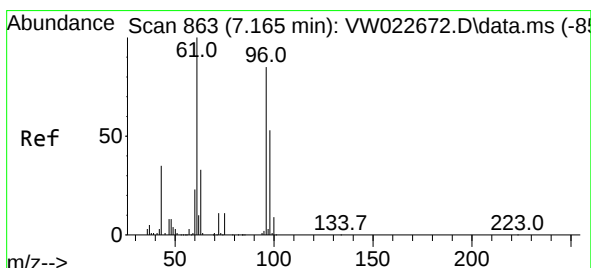
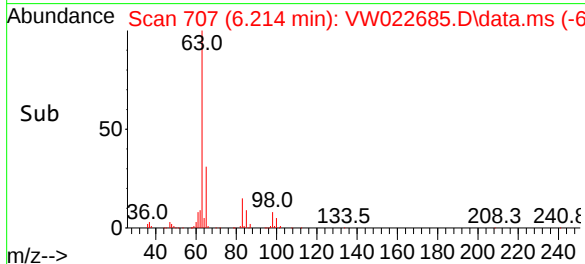
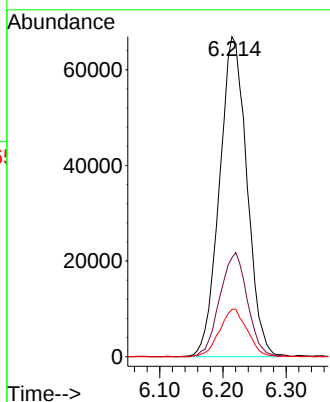
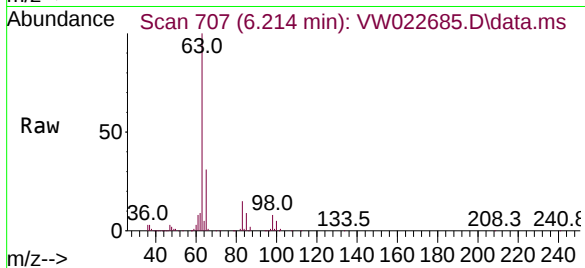
Tgt Ion: 63 Resp: 201404

Ion Ratio Lower Upper

63 100

65 30.9 21.1 39.3

83 14.8 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 29.095 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

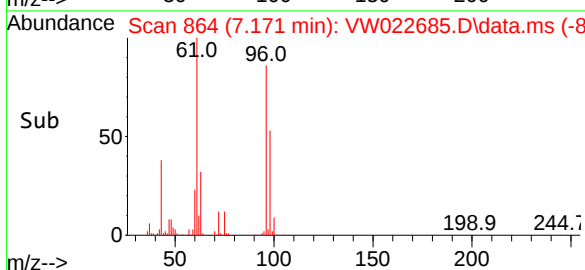
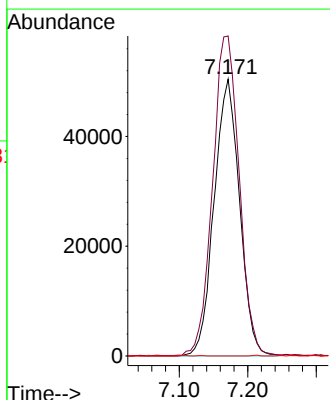
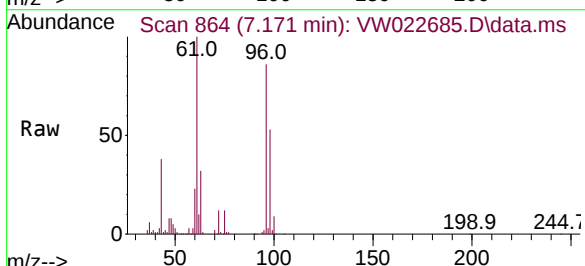
Tgt Ion: 96 Resp: 130010

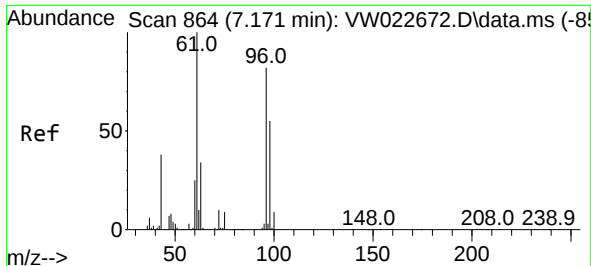
Ion Ratio Lower Upper

96 100

61 115.6 96.4 179.0

68 0.0 0.1 0.3

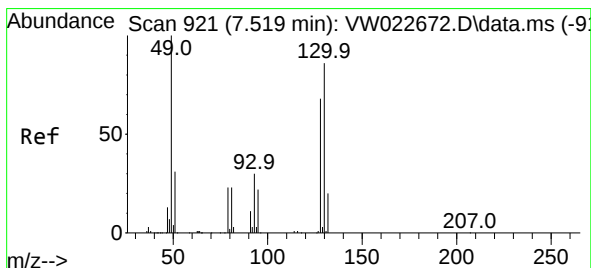
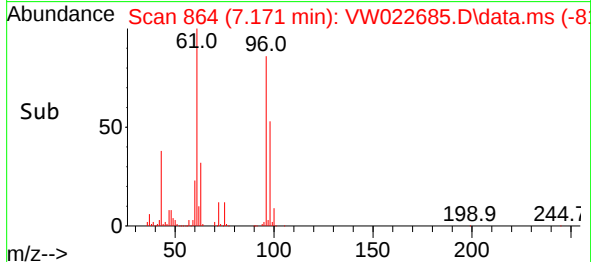
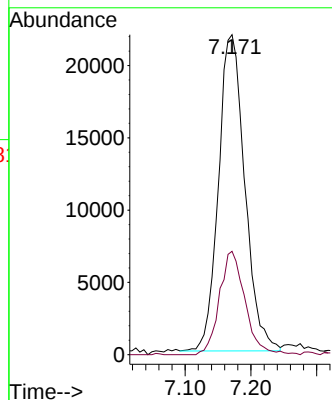
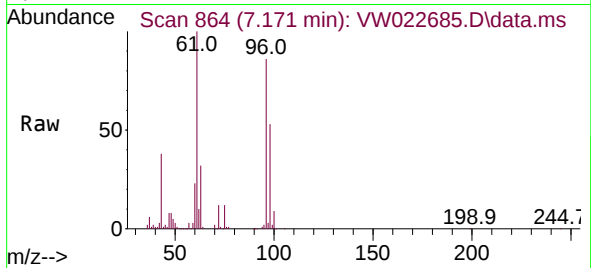




#22
2-Butanone
Concen: 57.311 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

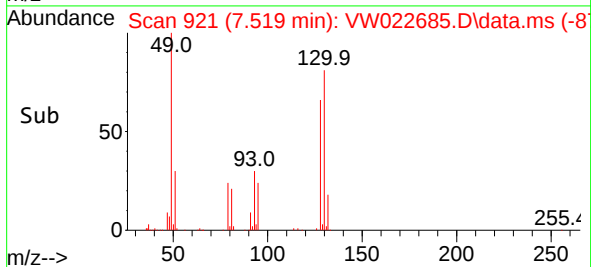
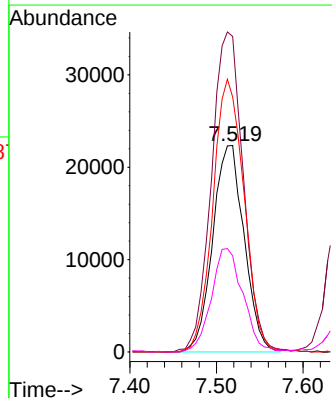
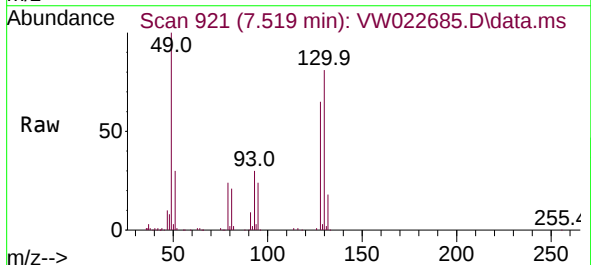
Instrument :
MSVOA_W
ClientSampleId :

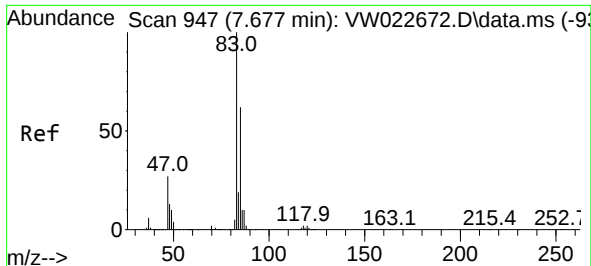
Tgt Ion: 43 Resp: 61013
Ion Ratio Lower Upper
43 100
72 31.3 14.0 42.0



#23
Bromochloromethane
Concen: 29.276 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 128 Resp: 56300
Ion Ratio Lower Upper
128 100
49 152.9 120.8 224.3
130 123.5 81.8 151.8
51 46.6 40.5 60.7

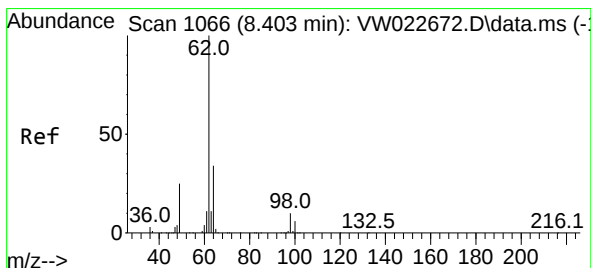
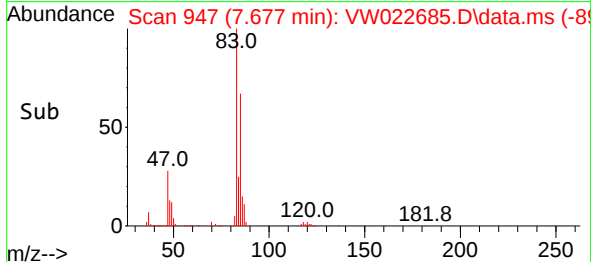
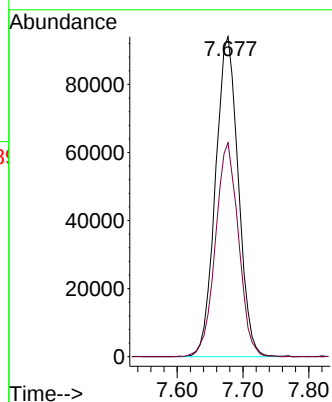
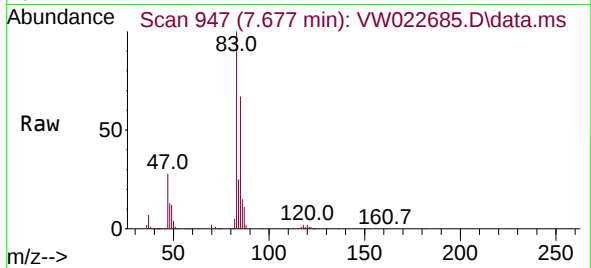




#25
Chloroform
Concen: 27.922 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

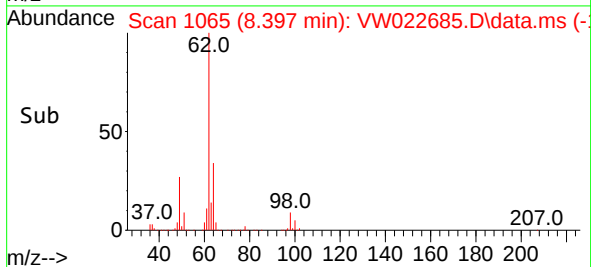
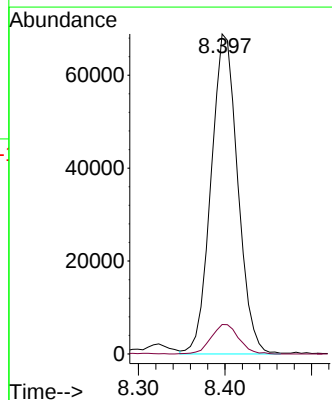
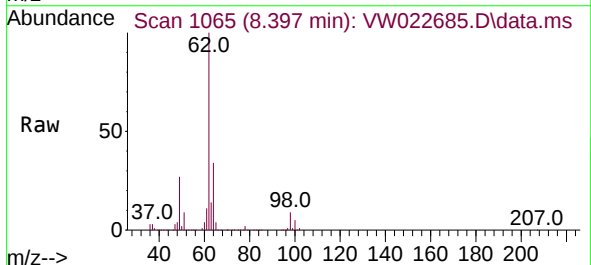
Instrument :
MSVOA_W
ClientSampleId :

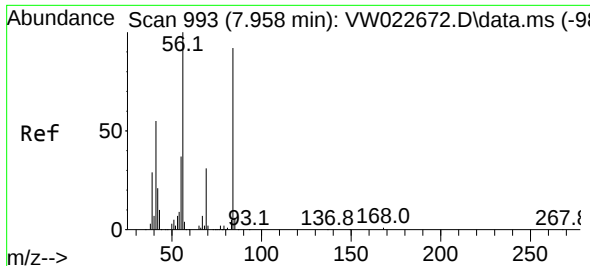
Tgt Ion: 83 Resp: 227028
Ion Ratio Lower Upper
83 100
85 66.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 25.849 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

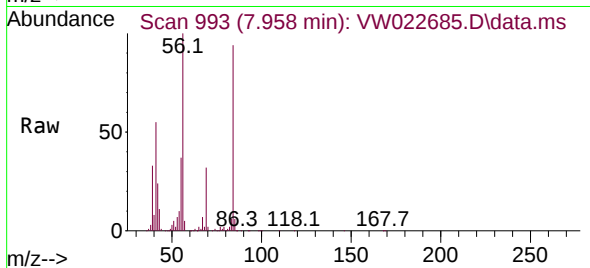
Tgt Ion: 62 Resp: 147720
Ion Ratio Lower Upper
62 100
98 9.2 6.2 9.2



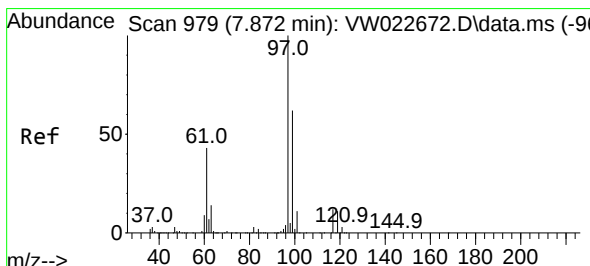
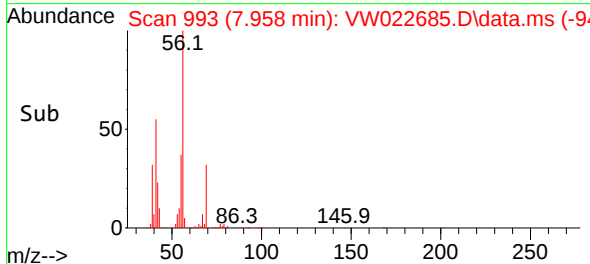
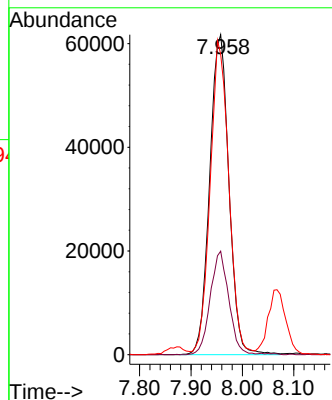


#29
Cyclohexane
Concen: 21.221 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Instrument :
MSVOA_W
ClientSampleId :

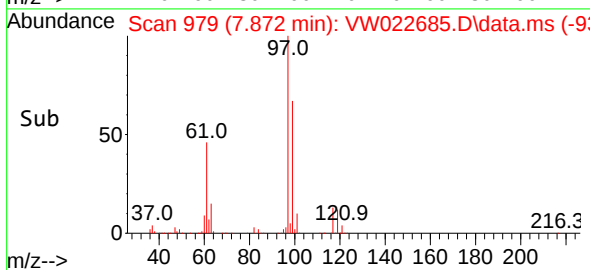
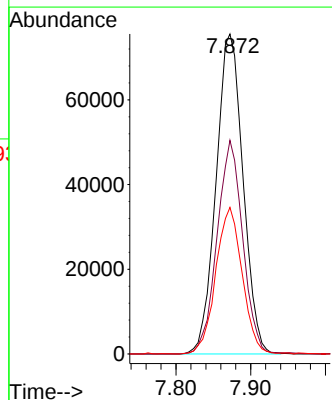
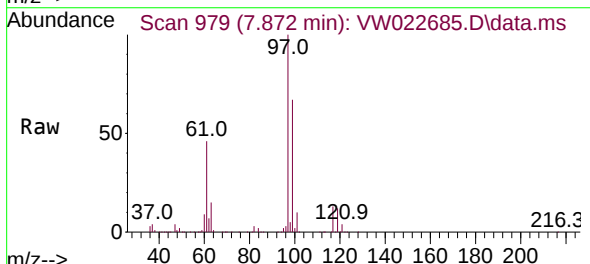


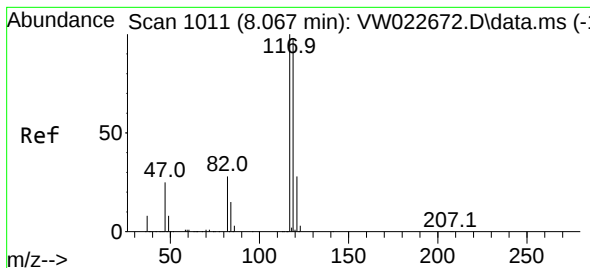
Tgt Ion: 56 Resp: 160525
Ion Ratio Lower Upper
56 100
69 31.0 24.4 36.6
84 95.3 72.6 108.8



#30
1,1,1-Trichloroethane
Concen: 25.876 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 97 Resp: 189707
Ion Ratio Lower Upper
97 100
99 63.6 51.7 77.5
61 44.9 38.7 58.1

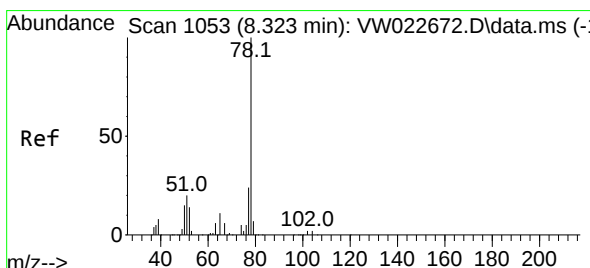
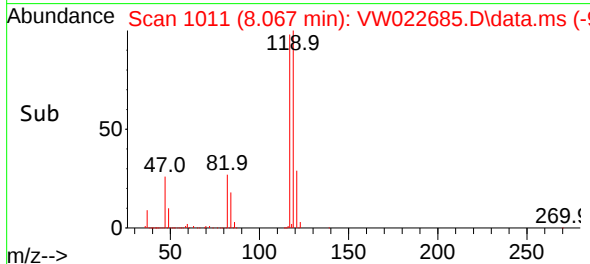
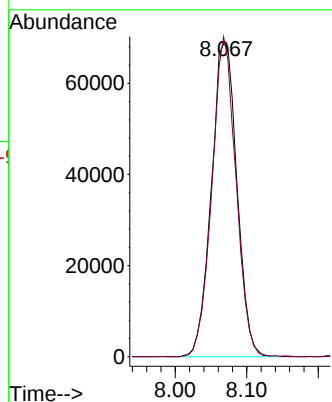
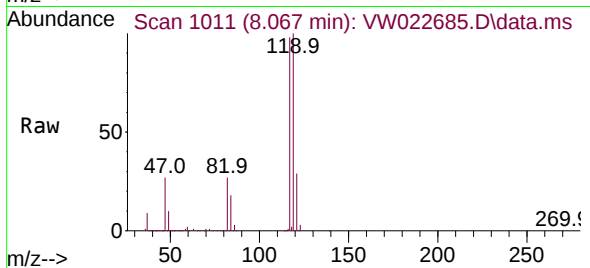




#31
Carbon tetrachloride
Concen: 25.942 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

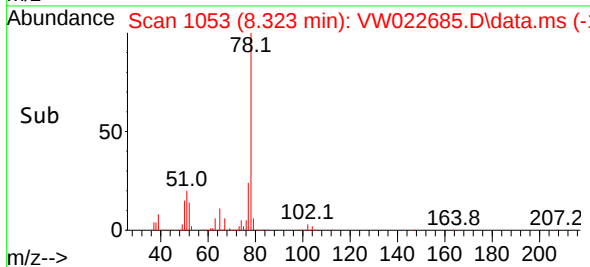
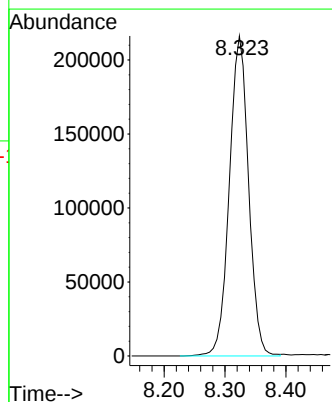
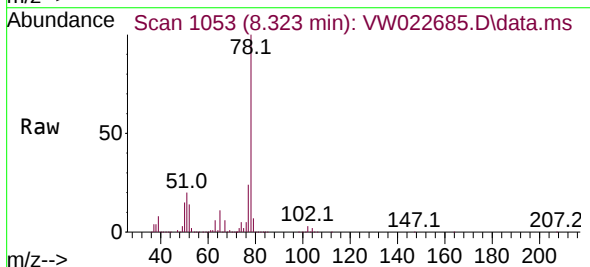
Instrument :
MSVOA_W
ClientSampleId :

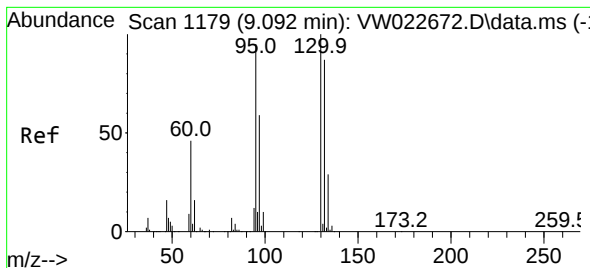
Tgt Ion:117 Resp: 170705
Ion Ratio Lower Upper
117 100
119 96.0 75.5 113.3



#33
Benzene
Concen: 26.410 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion: 78 Resp: 473911





#34

Trichloroethene

Concen: 26.287 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

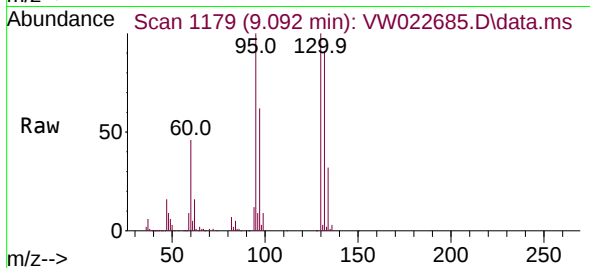
Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 95 Resp: 126298

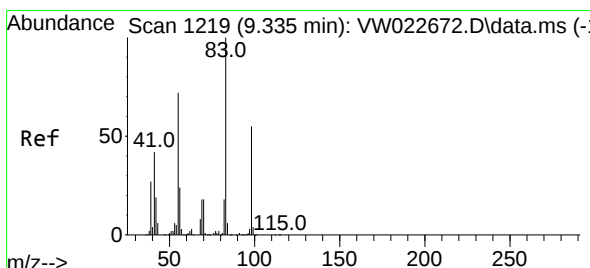
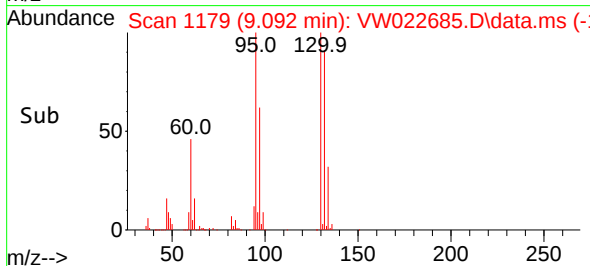
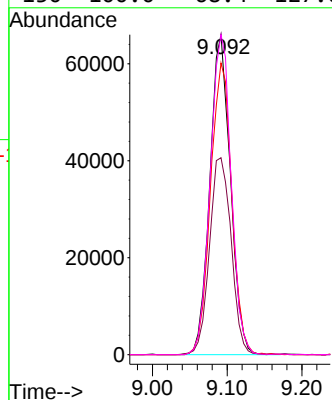
Ion Ratio Lower Upper

95 100

97 61.6 46.4 86.2

132 91.2 67.4 125.2

130 100.0 68.4 127.0



#35

Methylcyclohexane

Concen: 22.939 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

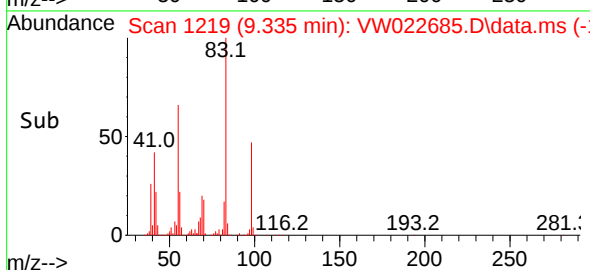
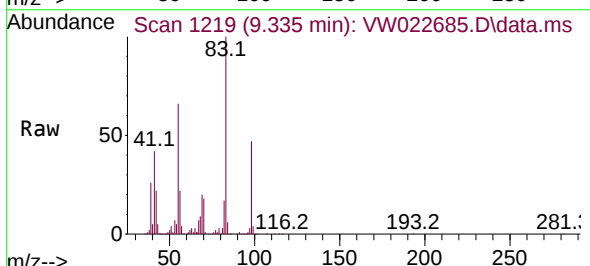
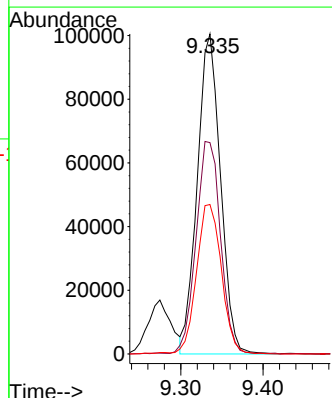
Tgt Ion: 83 Resp: 197739

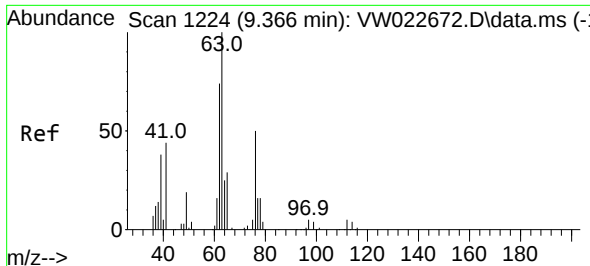
Ion Ratio Lower Upper

83 100

55 70.0 61.0 91.6

98 50.0 39.2 58.8





#37

1,2-Dichloropropane

Concen: 26.715 ug/L

RT: 9.372 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

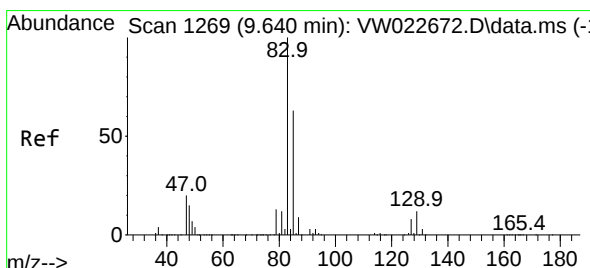
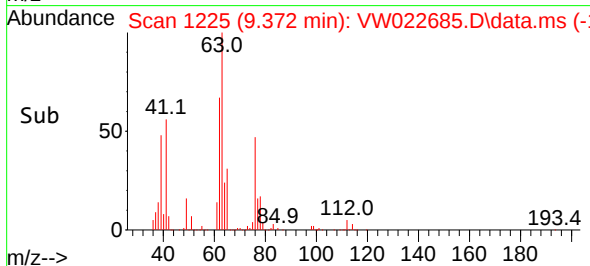
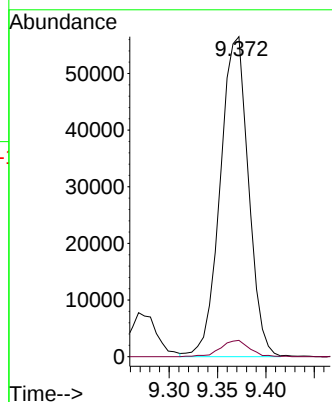
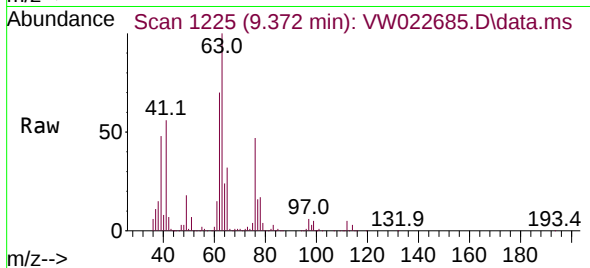
ClientSampleId :

Tgt Ion: 63 Resp: 114842

Ion Ratio Lower Upper

63 100

112 5.0 3.8 5.6



#38

Bromodichloromethane

Concen: 26.795 ug/L

RT: 9.640 min Scan# 1269

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

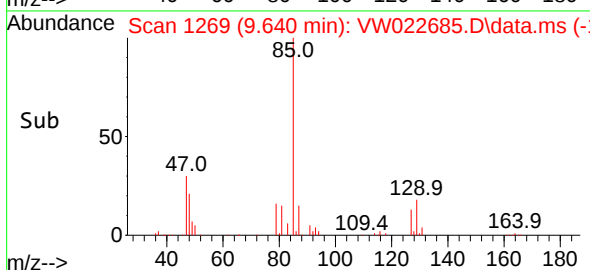
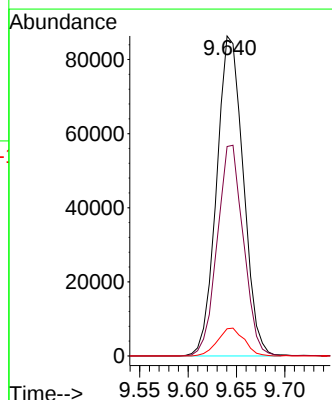
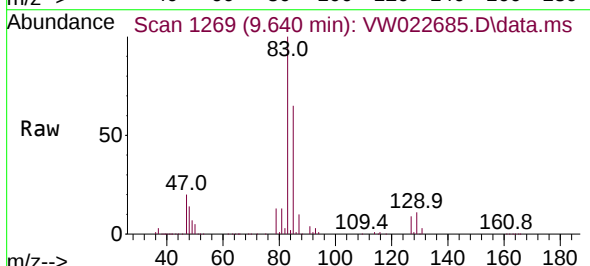
Tgt Ion: 83 Resp: 165646

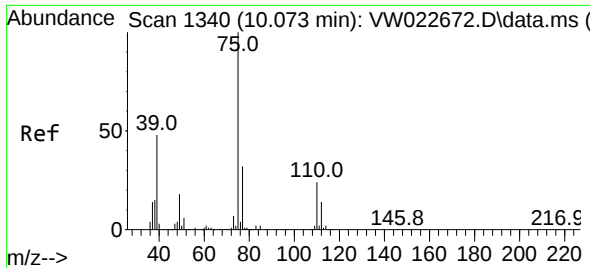
Ion Ratio Lower Upper

83 100

85 65.5 45.2 84.0

127 8.5 6.0 9.0

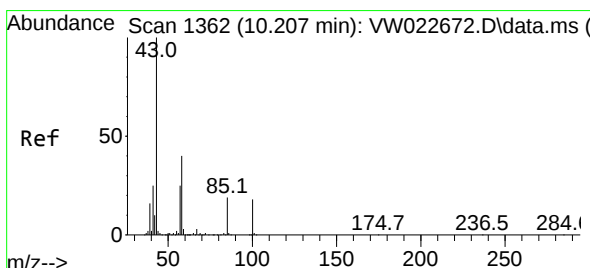
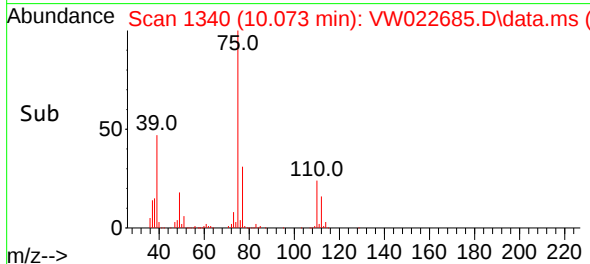
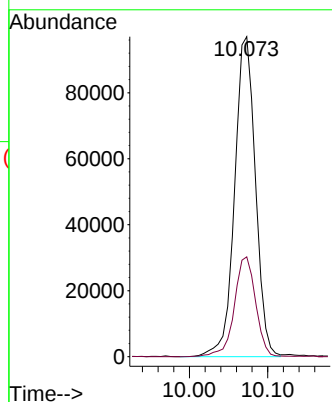
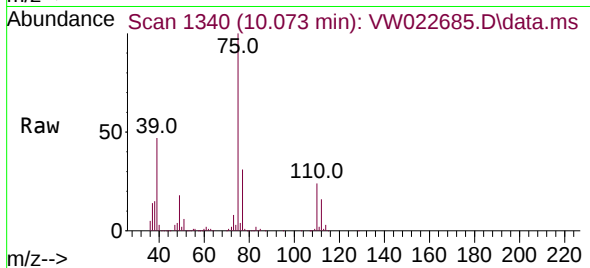




#39
 cis-1,3-Dichloropropene
 Concen: 26.260 ug/L
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11

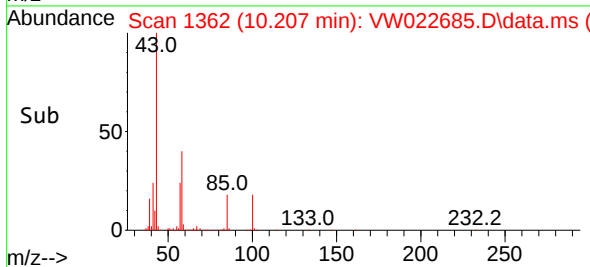
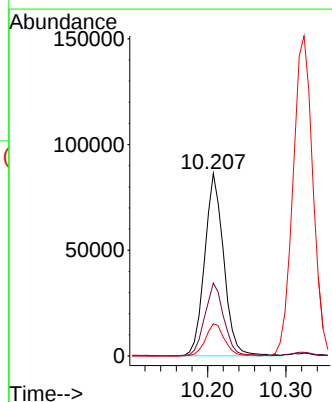
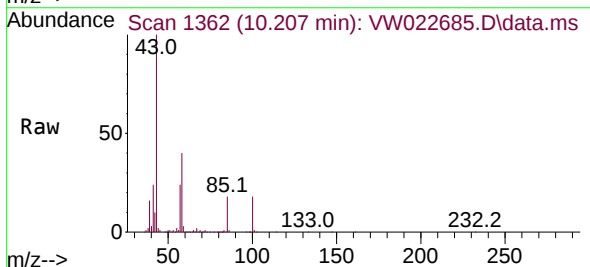
Instrument :
 MSVOA_W
 ClientSampleId :

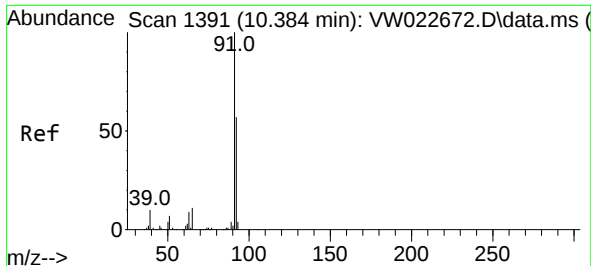
Tgt Ion: 75 Resp: 179131
 Ion Ratio Lower Upper
 75 100
 77 31.2 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 55.508 ug/L
 RT: 10.207 min Scan# 1362
 Delta R.T. 0.000 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11

Tgt Ion: 43 Resp: 145622
 Ion Ratio Lower Upper
 43 100
 58 40.2 29.3 43.9
 100 17.6 12.2 18.4

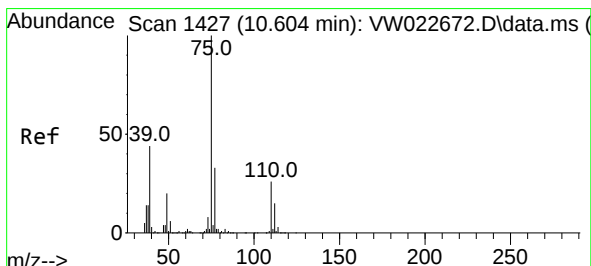
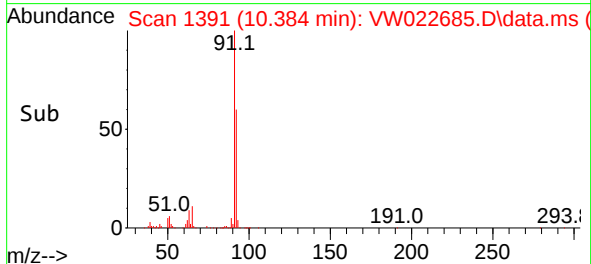
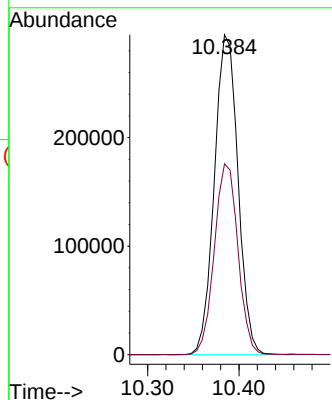
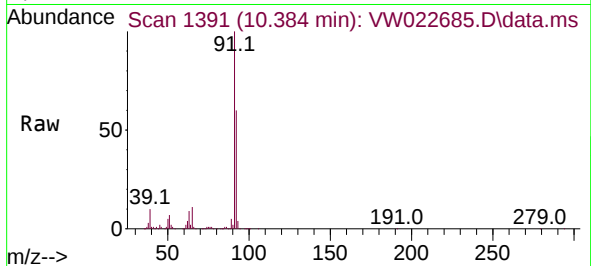




#42
Toluene
Concen: 25.765 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

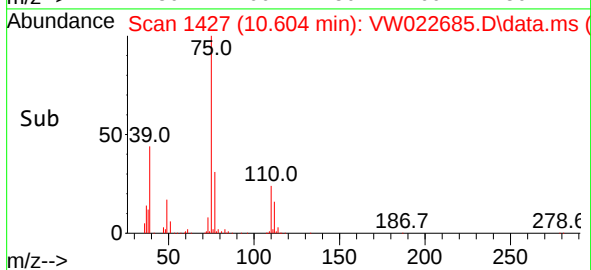
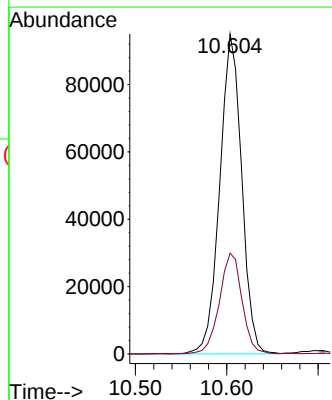
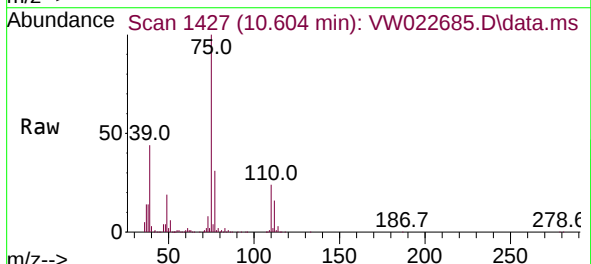
Instrument :
MSVOA_W
ClientSampleId :

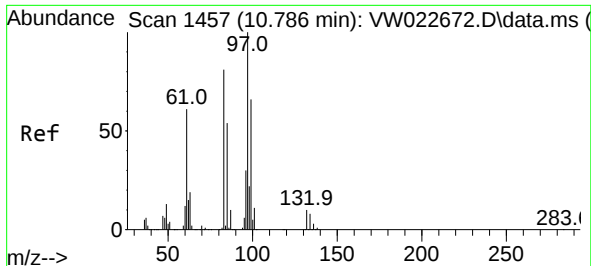
Tgt Ion: 91 Resp: 529778
Ion Ratio Lower Upper
91 100
92 59.7 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.940 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

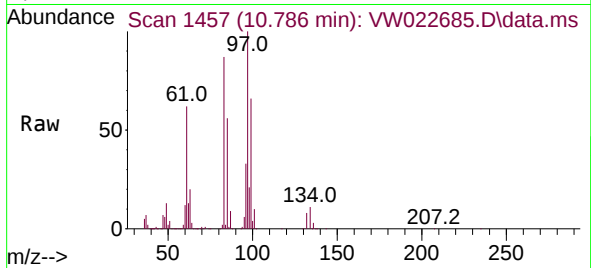
Tgt Ion: 75 Resp: 158441
Ion Ratio Lower Upper
75 100
77 31.5 21.3 39.6



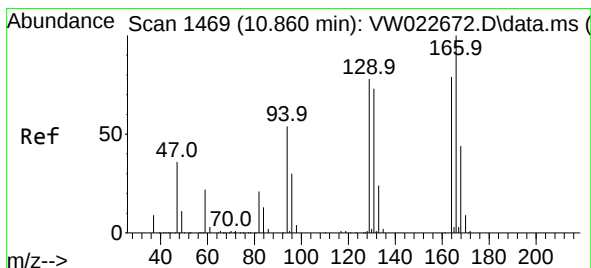
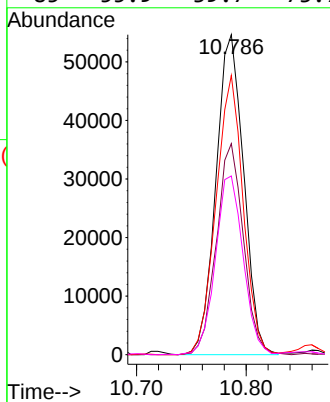
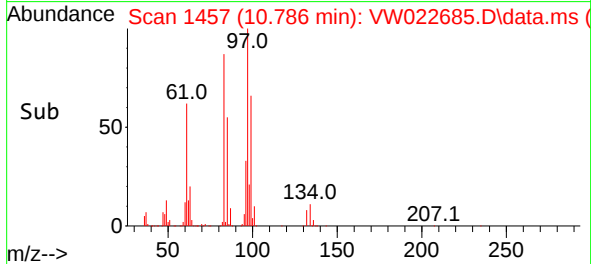


#45
1,1,2-Trichloroethane
Concen: 29.262 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

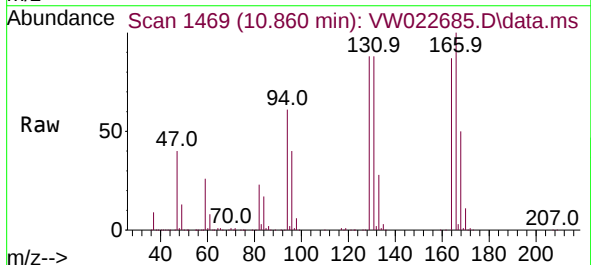
Instrument :
MSVOA_W
ClientSampleId :



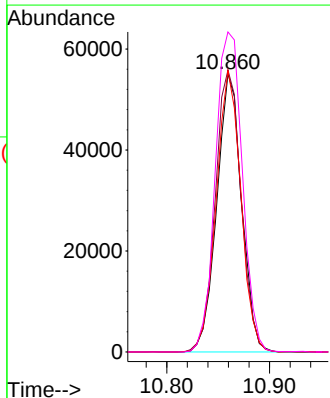
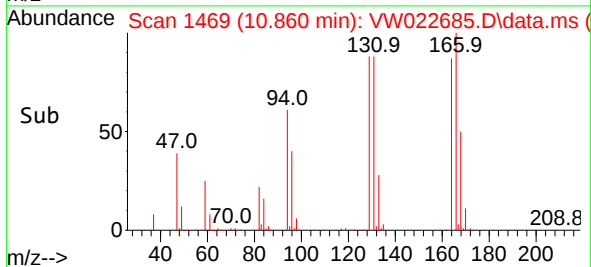
Tgt Ion:	97	Resp:	96004
Ion	Ratio	Lower	Upper
97	100		
99	66.0	46.0	85.4
83	87.3	60.6	112.6
85	55.9	39.7	73.7

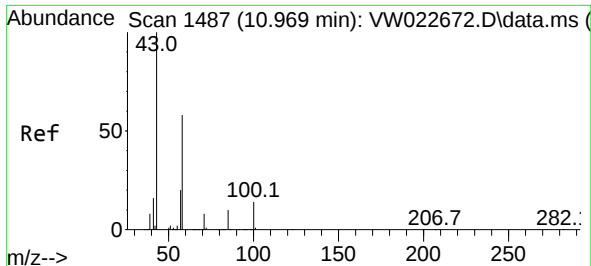


#46
Tetrachloroethene
Concen: 26.101 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11



Tgt Ion:	164	Resp:	92183
Ion	Ratio	Lower	Upper
164	100		
129	101.3	74.1	137.7
131	101.1	71.4	132.6
166	115.0	95.9	178.1

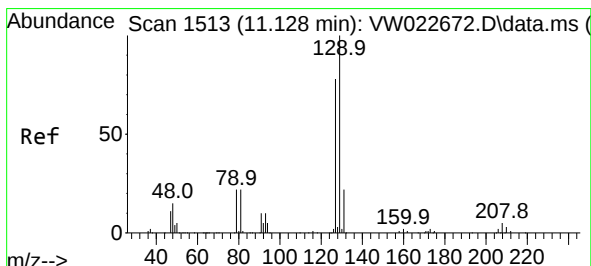
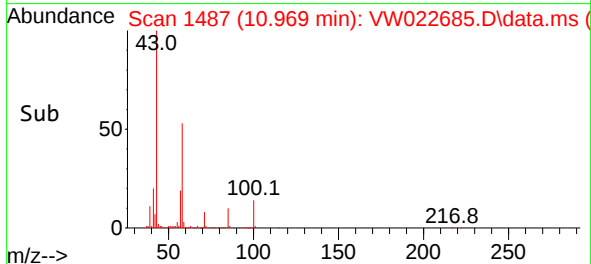
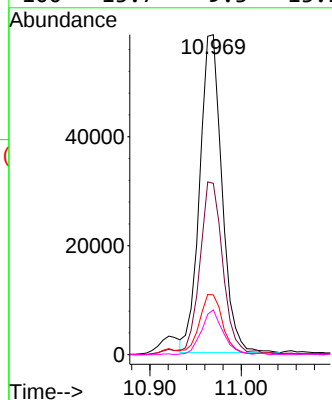
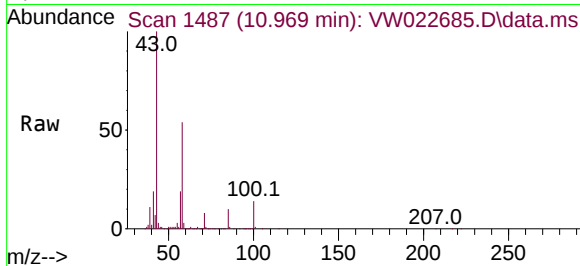




#48
2-Hexanone
Concen: 53.394 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

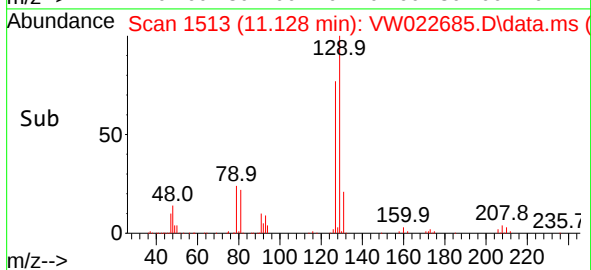
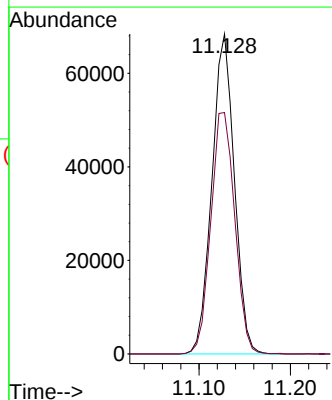
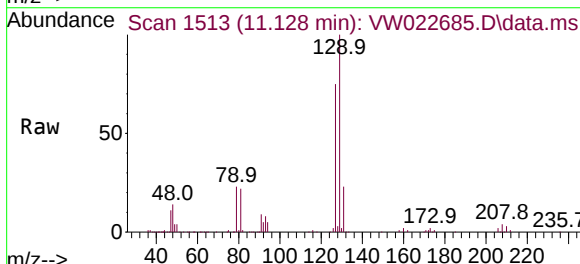
Instrument :
MSVOA_W
ClientSampleId :

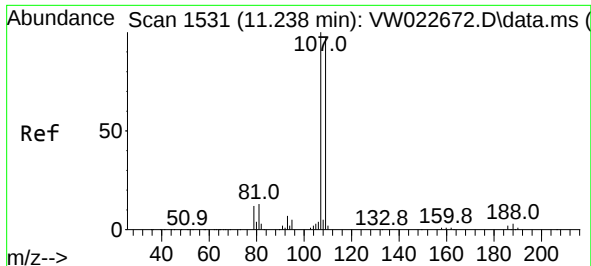
Tgt Ion:	43	Resp:	98822
Ion	Ratio	Lower	Upper
43	100		
58	55.3	41.6	62.4
57	19.6	14.5	21.7
100	13.7	9.3	13.9



#49
Dibromochloromethane
Concen: 29.807 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion:	129	Resp:	116629
Ion	Ratio	Lower	Upper
129	100		
127	75.4	52.6	97.6





#50

1,2-Dibromoethane

Concen: 29.473 ug/L

RT: 11.231 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022685.D

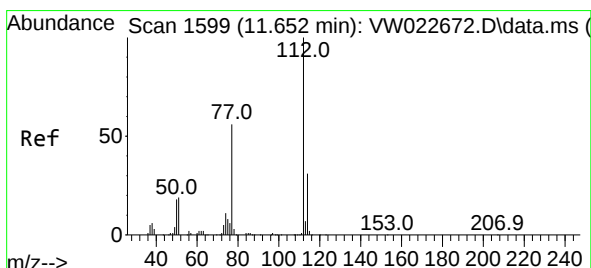
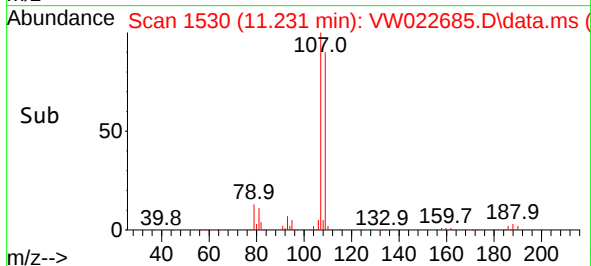
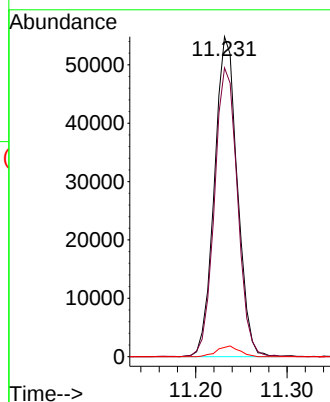
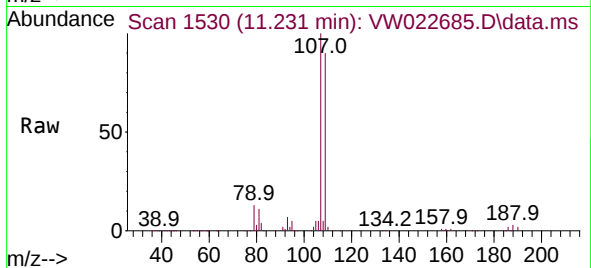
Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion:107	Resp:	95482
Ion Ratio	Lower	Upper
107	100	
109	90.3	68.2 126.6
188	2.9	2.8 4.2



#51

Chlorobenzene

Concen: 28.236 ug/L

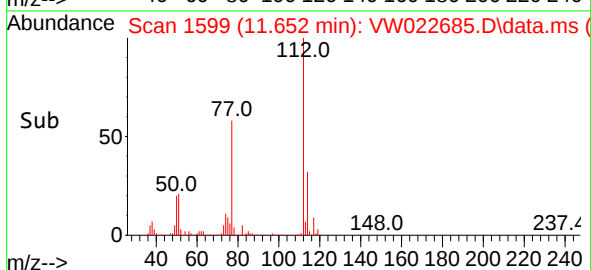
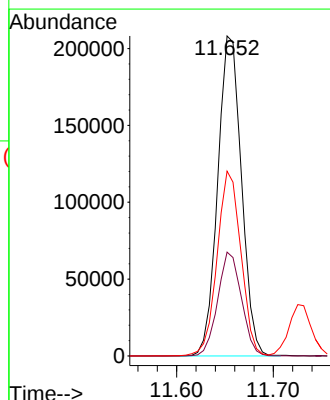
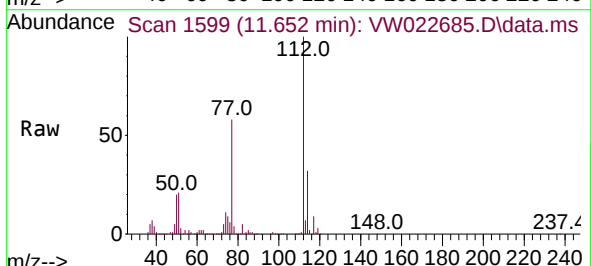
RT: 11.652 min Scan# 1599

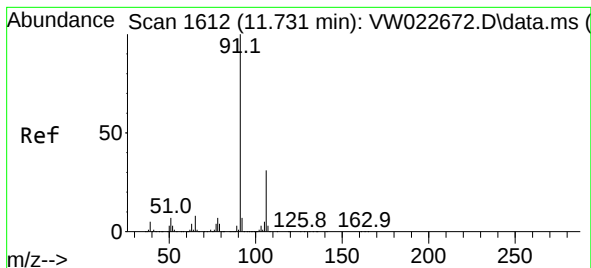
Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Tgt Ion:112	Resp:	354790
Ion Ratio	Lower	Upper
112	100	
114	32.5	20.5 38.1
77	57.8	48.1 72.1

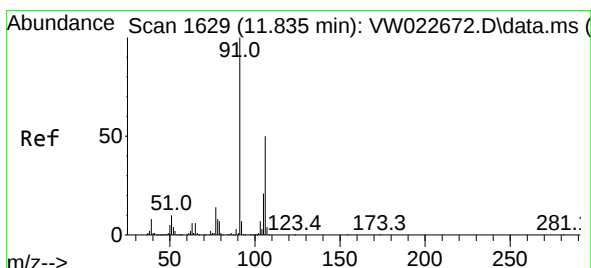
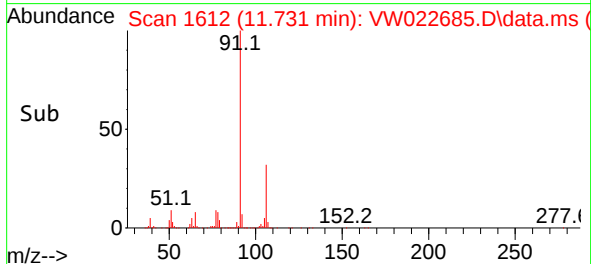
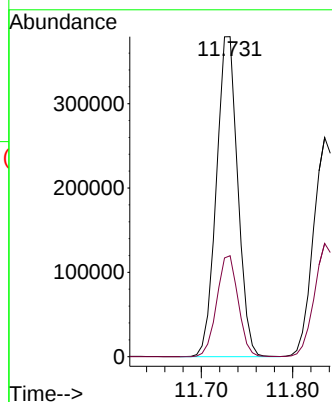
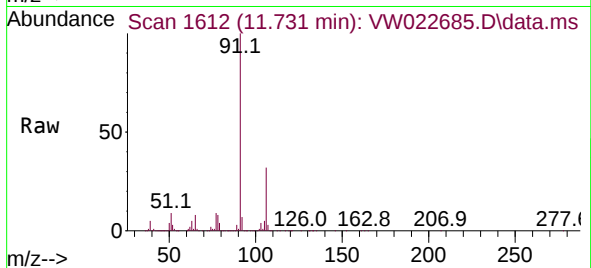




#52
Ethylbenzene
Concen: 26.736 ug/L
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

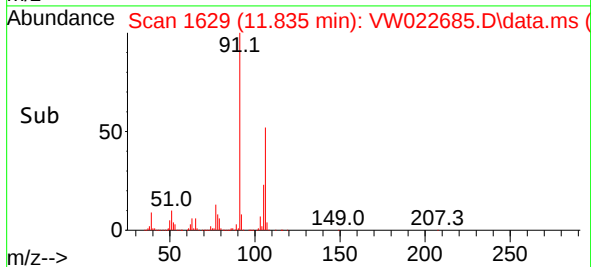
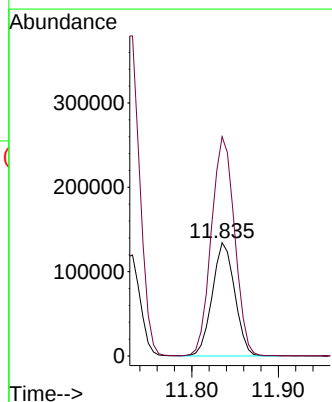
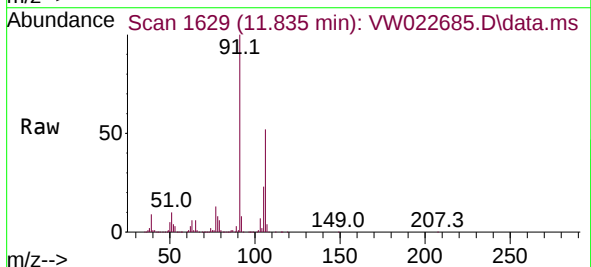
Instrument :
MSVOA_W
ClientSampleId :

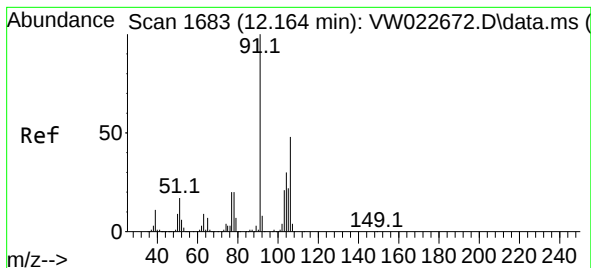
Tgt Ion: 91 Resp: 616193
Ion Ratio Lower Upper
91 100
106 31.6 20.5 38.1



#53
m,p-Xylene
Concen: 27.672 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion:106 Resp: 242500
Ion Ratio Lower Upper
106 100
91 193.4 149.9 278.5





#54

o-Xylene

Concen: 28.128 ug/L

RT: 12.164 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

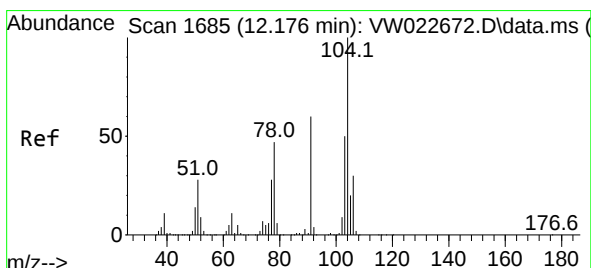
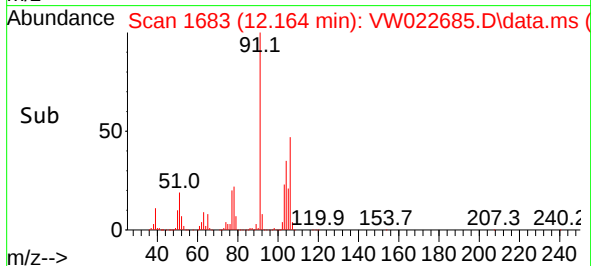
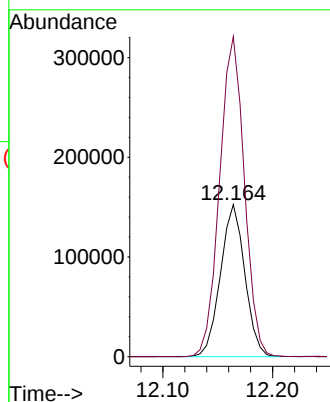
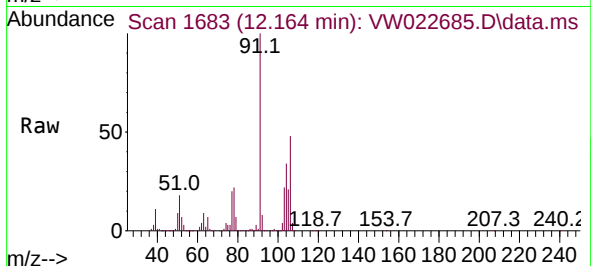
ClientSampleId :

Tgt Ion:106 Resp: 235555

Ion Ratio Lower Upper

106 100

91 210.4 155.3 288.3



#55

Styrene

Concen: 28.274 ug/L

RT: 12.176 min Scan# 1685

Delta R.T. 0.000 min

Lab File: VW022685.D

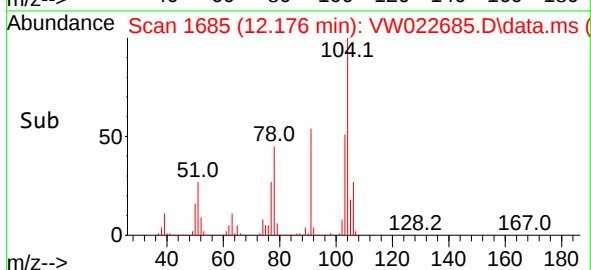
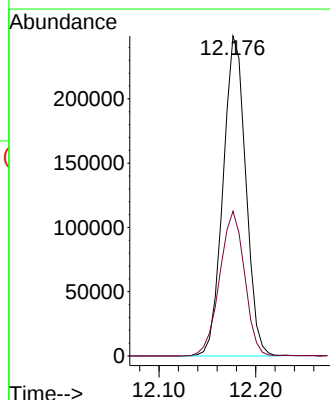
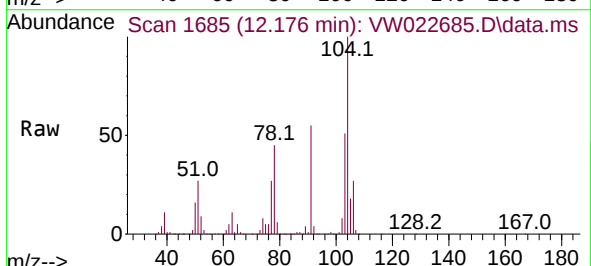
Acq: 29 Apr 2022 01:11

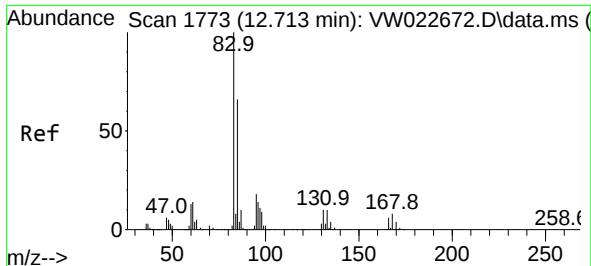
Tgt Ion:104 Resp: 404531

Ion Ratio Lower Upper

104 100

78 45.2 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 29.860 ug/L

RT: 12.713 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

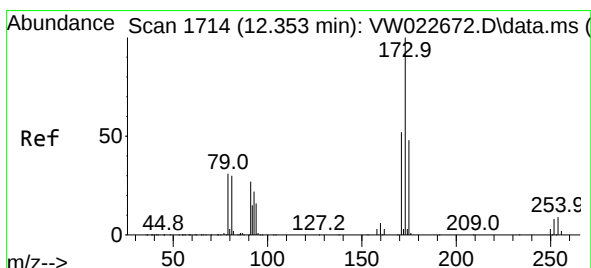
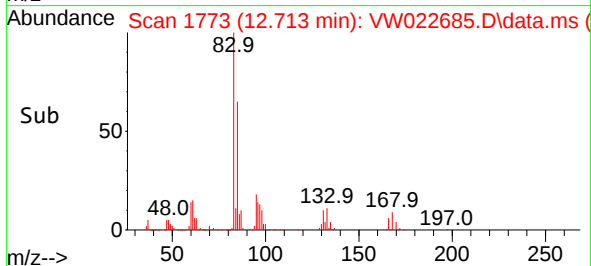
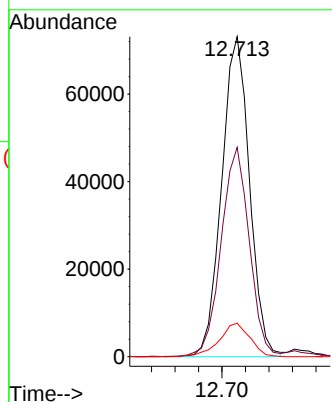
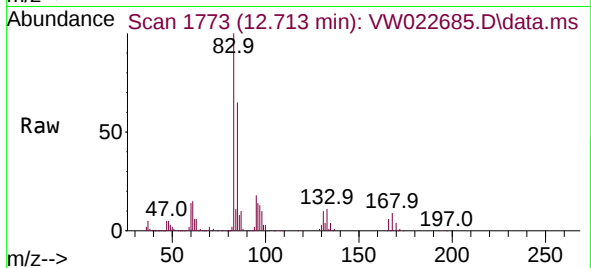
Tgt Ion: 83 Resp: 120242

Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5

131 10.5 7.8 11.8



#59

Bromoform

Concen: 27.437 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

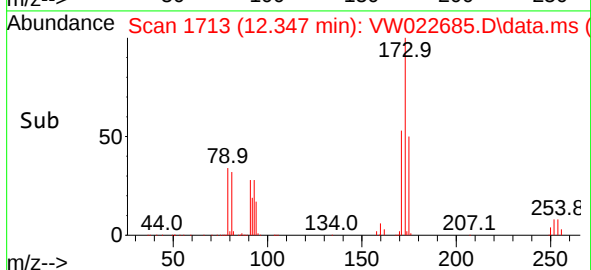
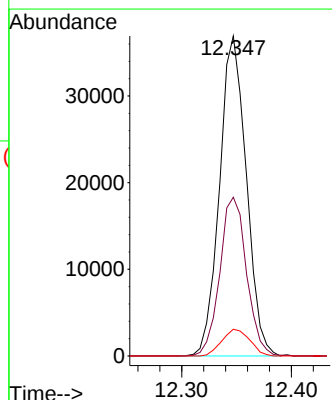
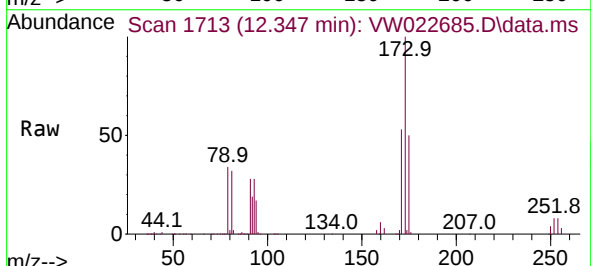
Tgt Ion:173 Resp: 62567

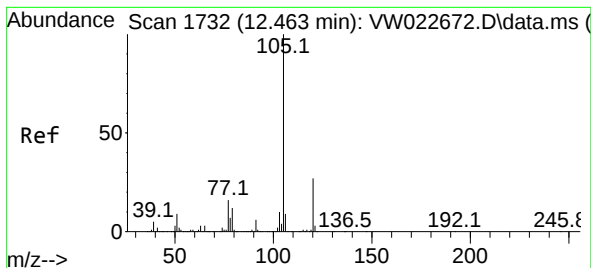
Ion Ratio Lower Upper

173 100

175 49.5 39.2 58.8

254 8.7 6.6 9.8





#60

Isopropylbenzene

Concen: 25.191 ug/L

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

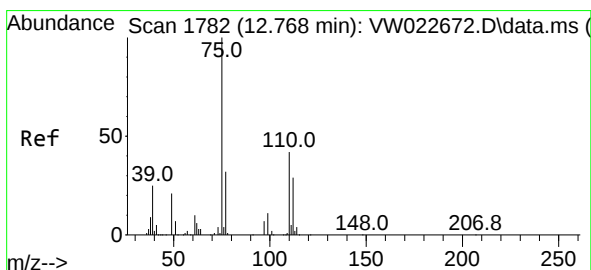
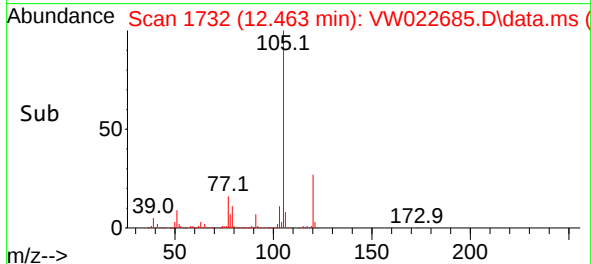
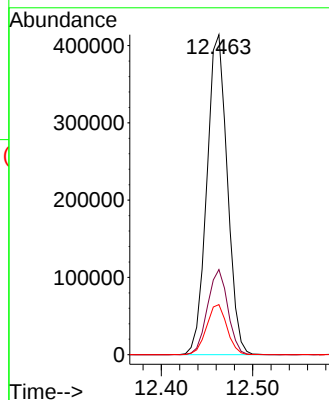
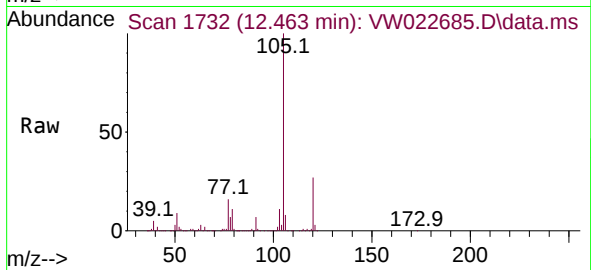
Tgt Ion:105 Resp: 642181

Ion Ratio Lower Upper

105 100

120 26.4 20.9 31.3

77 15.7 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 26.539 ug/L

RT: 12.762 min Scan# 1781

Delta R.T. -0.006 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

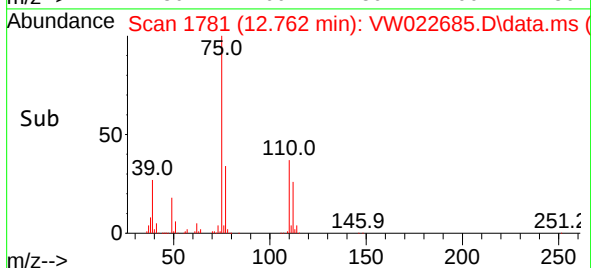
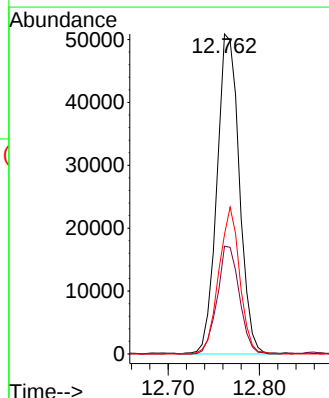
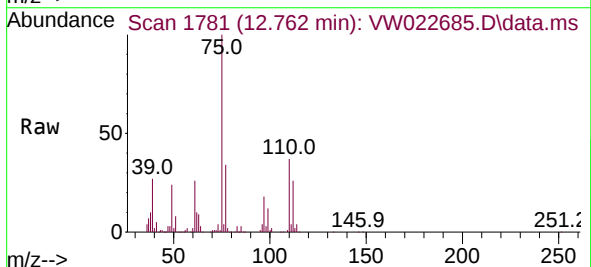
Tgt Ion: 75 Resp: 86636

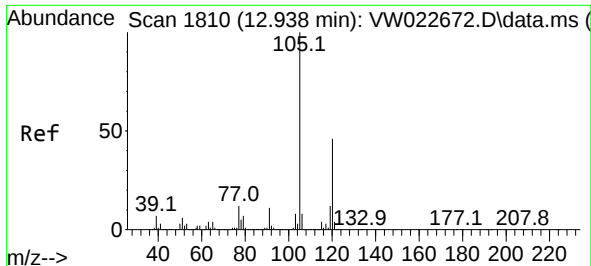
Ion Ratio Lower Upper

75 100

77 33.2 25.7 38.5

110 42.8 31.8 47.6





#62

1,3,5-Trimethylbenzene

Concen: 24.460 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

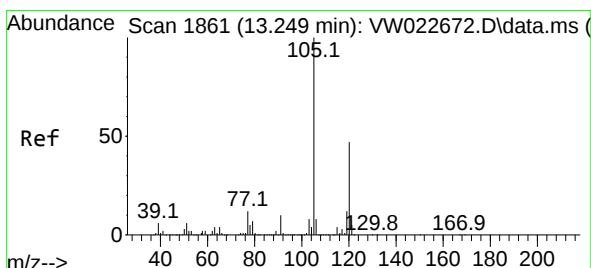
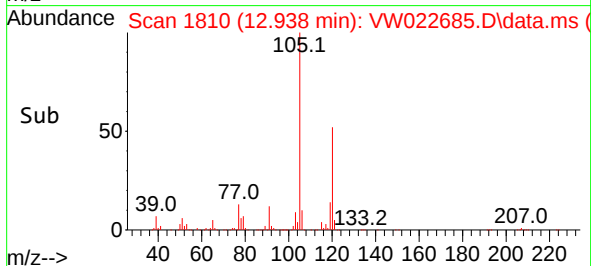
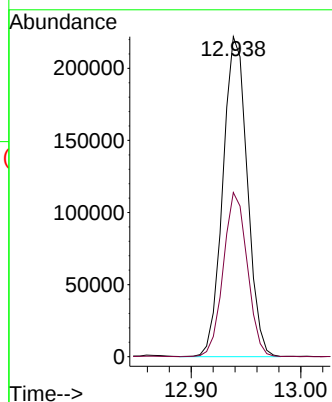
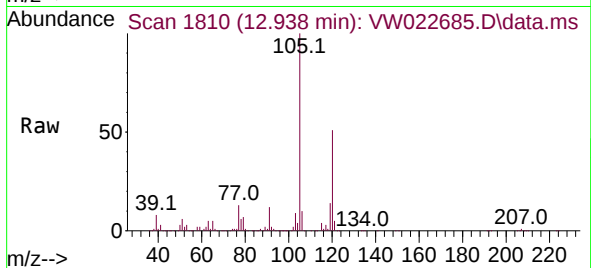
ClientSampleId :

Tgt Ion:105 Resp: 342921

Ion Ratio Lower Upper

105 100

120 50.3 37.5 56.3



#63

1,2,4-Trimethylbenzene

Concen: 25.235 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022685.D

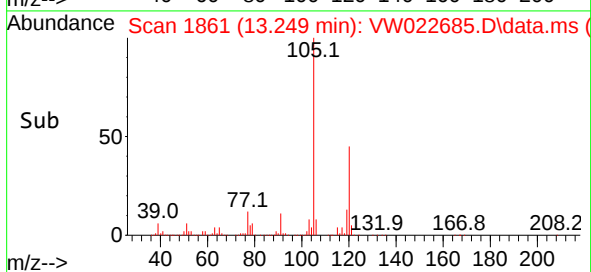
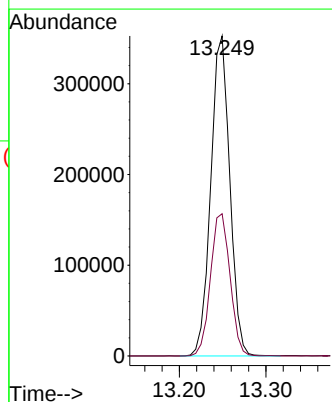
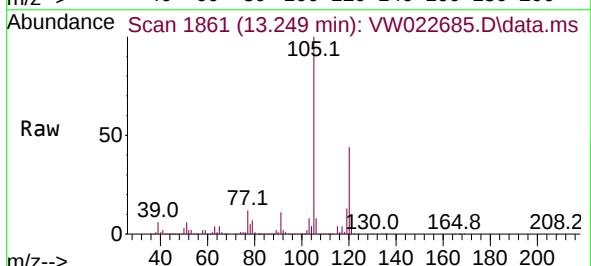
Acq: 29 Apr 2022 01:11

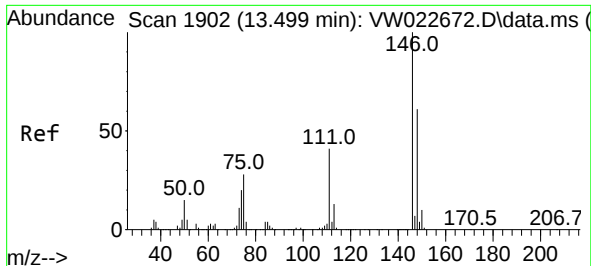
Tgt Ion:105 Resp: 537997

Ion Ratio Lower Upper

105 100

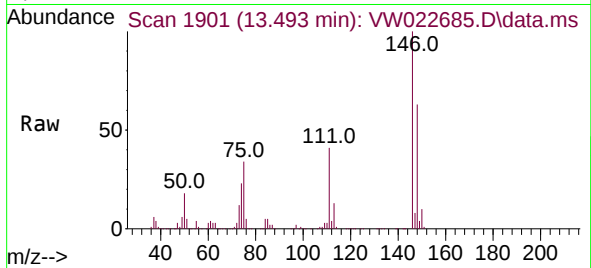
120 45.6 34.2 51.2



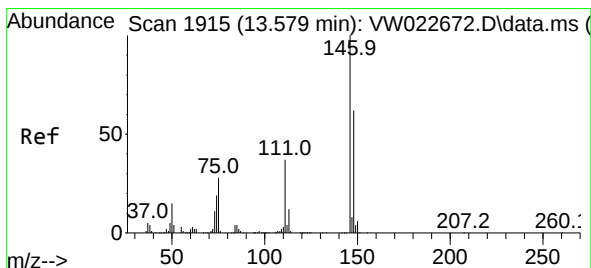
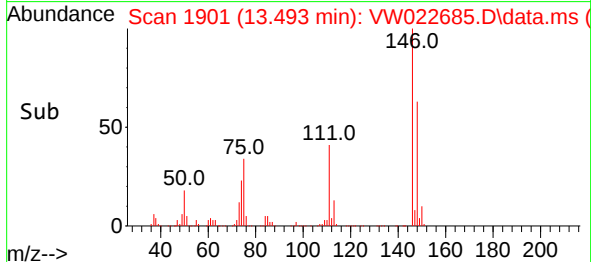
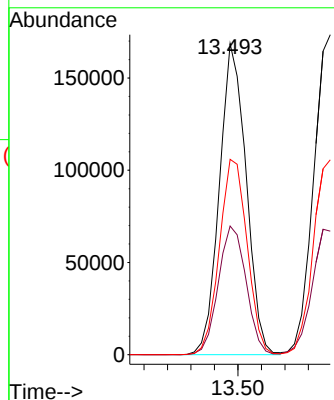


#64
1,3-Dichlorobenzene
Concen: 25.780 ug/L
RT: 13.493 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Instrument :
MSVOA_W
ClientSampleId :

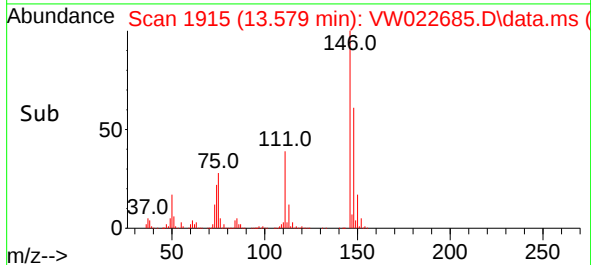
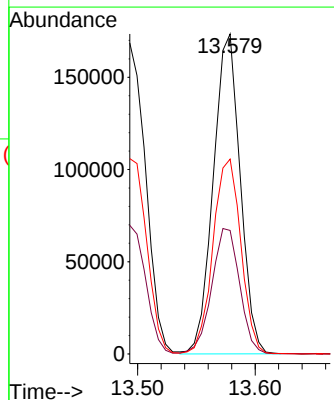
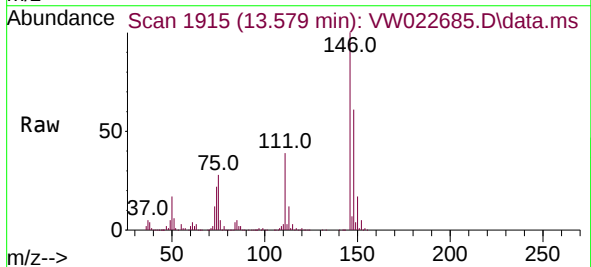


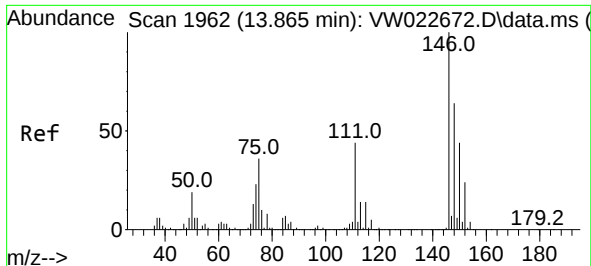
Tgt Ion:146 Resp: 266725
Ion Ratio Lower Upper
146 100
111 41.4 28.2 52.4
148 62.8 41.9 77.7



#65
1,4-Dichlorobenzene
Concen: 26.775 ug/L
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW022685.D
Acq: 29 Apr 2022 01:11

Tgt Ion:146 Resp: 276272
Ion Ratio Lower Upper
146 100
111 38.6 28.5 52.9
148 60.9 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 26.912 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

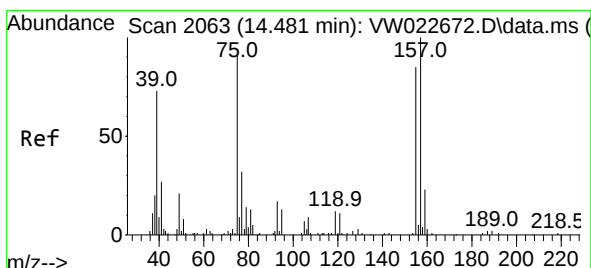
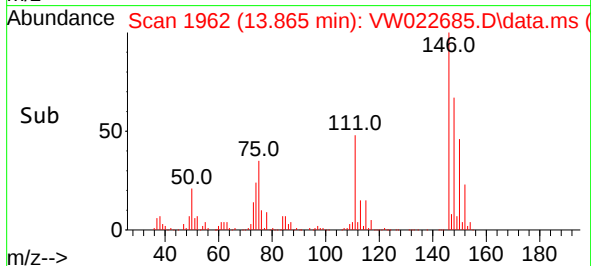
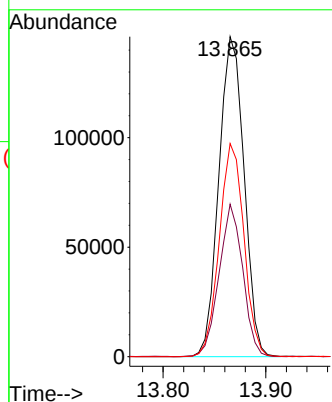
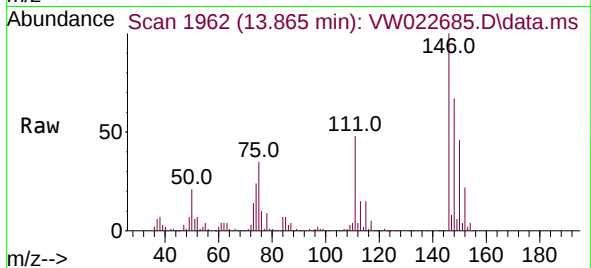
Tgt Ion:146 Resp: 249011

Ion Ratio Lower Upper

146 100

111 47.7 39.0 58.4

148 66.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 25.193 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

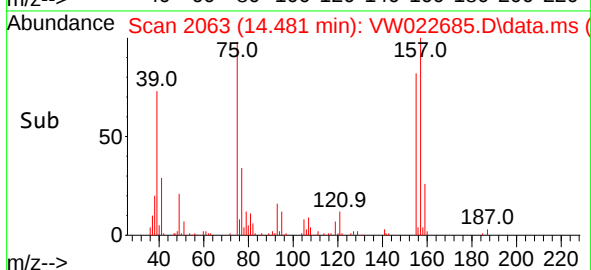
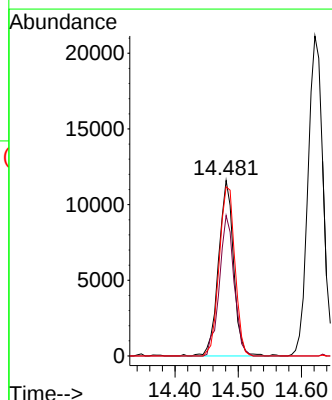
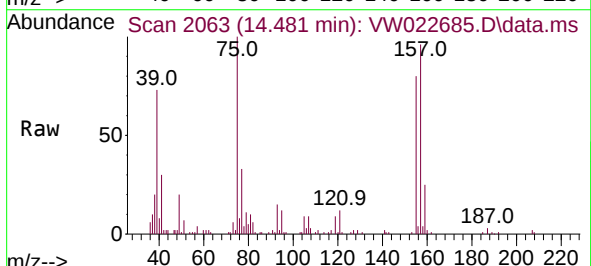
Tgt Ion: 75 Resp: 19074

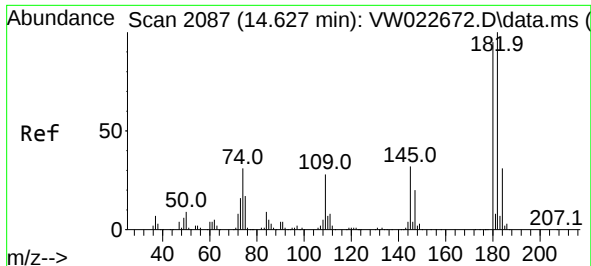
Ion Ratio Lower Upper

75 100

155 80.0 55.6 83.4

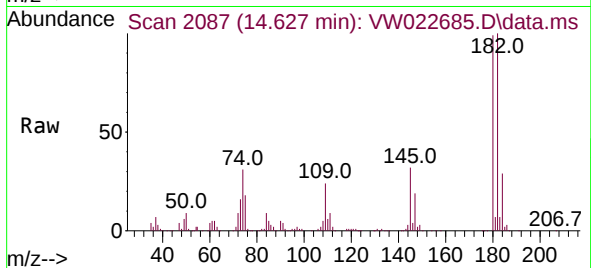
157 96.4 69.8 104.6



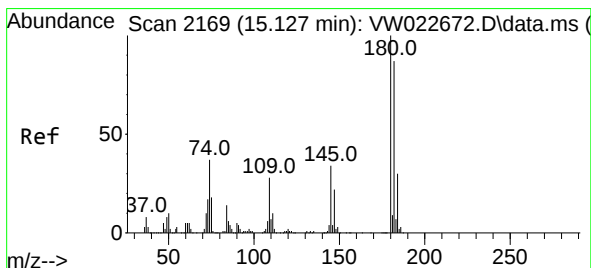
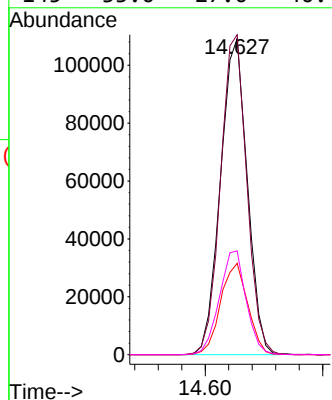
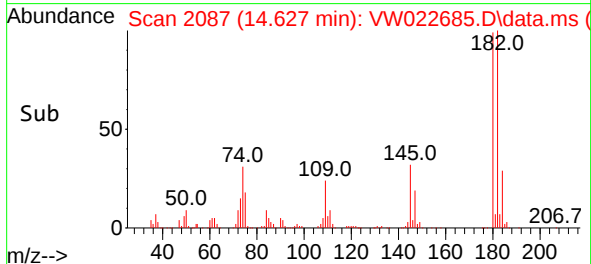


#69
 1,3,5-Trichlorobenzene
 Concen: 25.574 ug/L
 RT: 14.627 min Scan# 2087
 Delta R.T. 0.000 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11

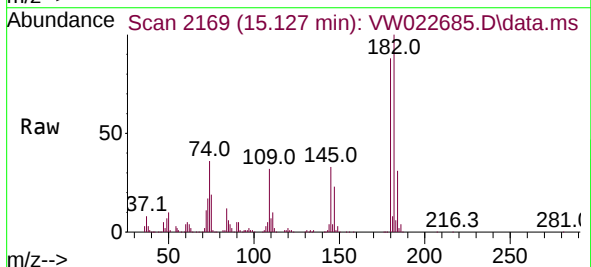
Instrument :
 MSVOA_W
 ClientSampleId :



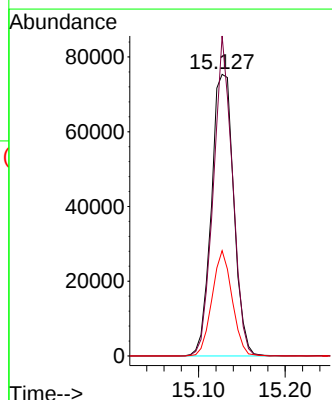
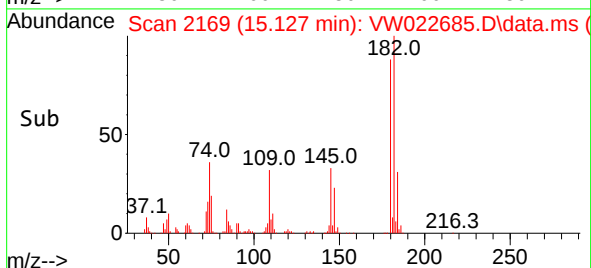
Tgt Ion:180 Resp: 172632
 Ion Ratio Lower Upper
 180 100
 182 99.1 79.1 118.7
 184 29.4 24.5 36.7
 145 33.0 27.0 40.4

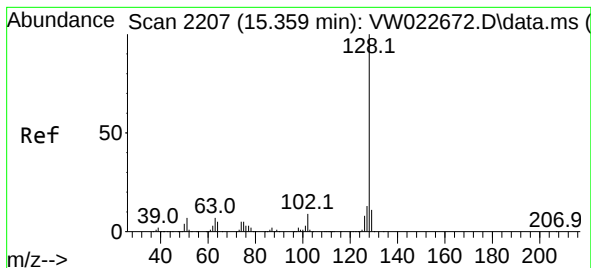


#70
 1,2,4-trichlorobenzene
 Concen: 23.893 ug/L
 RT: 15.127 min Scan# 2169
 Delta R.T. 0.000 min
 Lab File: VW022685.D
 Acq: 29 Apr 2022 01:11



Tgt Ion:180 Resp: 135458
 Ion Ratio Lower Upper
 180 100
 182 96.8 72.8 109.2
 145 33.5 25.5 38.3





#71

Naphthalene

Concen: 26.146 ug/L

RT: 15.365 min Scan# 21

Delta R.T. 0.006 min MSVOA_W

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Instrument :

MSVOA_W

ClientSampleId :

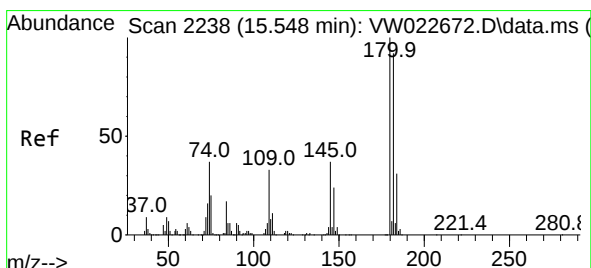
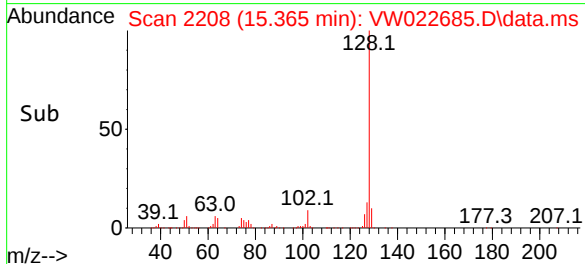
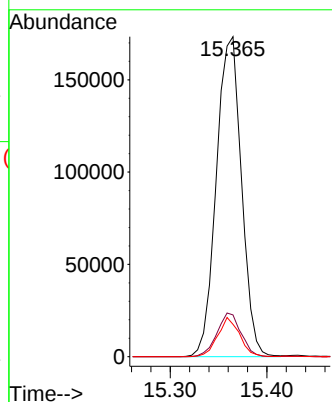
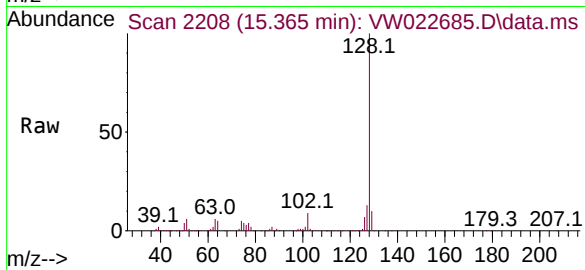
Tgt Ion:128 Resp: 312639

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 10.7 8.5 12.7



#72

1,2,3-Trichlorobenzene

Concen: 25.024 ug/L

RT: 15.548 min Scan# 2238

Delta R.T. 0.000 min

Lab File: VW022685.D

Acq: 29 Apr 2022 01:11

Tgt Ion:180 Resp: 121263

Ion Ratio Lower Upper

180 100

182 92.9 73.4 110.0

145 35.4 27.0 40.6

