

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW041122\
 Data File : VW022476.D
 Acq On : 11 Apr 2022 11:08
 Operator : SY/VA
 Sample : VSTDCCC025
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Apr 11 23:52:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM040722SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Apr 08 23:31:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	386830	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	375593	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	209356	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	140066	16.379	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.520%
7) Chloroethane-d5	2.891	69	99509	18.567	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.280%
11) 1,1-Dichloroethene-d2	4.019	63	239651	21.606	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.440%
21) 2-Butanone-d5	7.074	46	75245	50.398	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.800%
24) Chloroform-d	7.653	84	287090	23.744	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.960%
26) 1,2-Dichloroethane-d4	8.305	65	153695	22.248	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	8.275	84	500210	21.798	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	9.274	67	150042	22.594	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.323	98	483479	21.512	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	86.040%
43) trans-1,3-Dichloroprop...	10.579	79	71234	22.729	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.920%
47) 2-Hexanone-d5	10.920	63	63774	51.617	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	103.240%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	143998	25.502	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	13.853	152	183200	24.705	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	38011	20.045	ug/L	99
3) Chloromethane	2.221	50	93438	19.764	ug/L	98
5) Vinyl chloride	2.367	62	220035	22.304	ug/L	94
6) Bromomethane	2.782	94	125853	20.986	ug/L	97
8) Chloroethane	2.922	64	97271	22.522	ug/L	96
9) Trichlorofluoromethane	3.263	101	114293	31.381	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.068	101	159372	27.480	ug/L	95
12) 1,1-Dichloroethene	4.044	96	146423	28.113	ug/L	87
13) Acetone	4.123	43	59567	58.598	ug/L	98
14) Carbon disulfide	4.391	76	421160	24.580	ug/L	100
15) Methyl Acetate	4.672	43	60221	23.607	ug/L	93
16) Methylene chloride	4.921	84	151323	25.997	ug/L	92
17) trans-1,2-Dichloroethene	5.427	96	163232	26.753	ug/L	94
18) Methyl tert-butyl Ether	5.434	73	268547	26.950	ug/L	97
19) 1,1-Dichloroethane	6.214	63	280864	25.228	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	176621	27.408	ug/L #	86
22) 2-Butanone	7.171	43	83692	54.512	ug/L	94
23) Bromochloromethane	7.519	128	79061	28.508	ug/L	88
25) Chloroform	7.677	83	305911	26.089	ug/L	99

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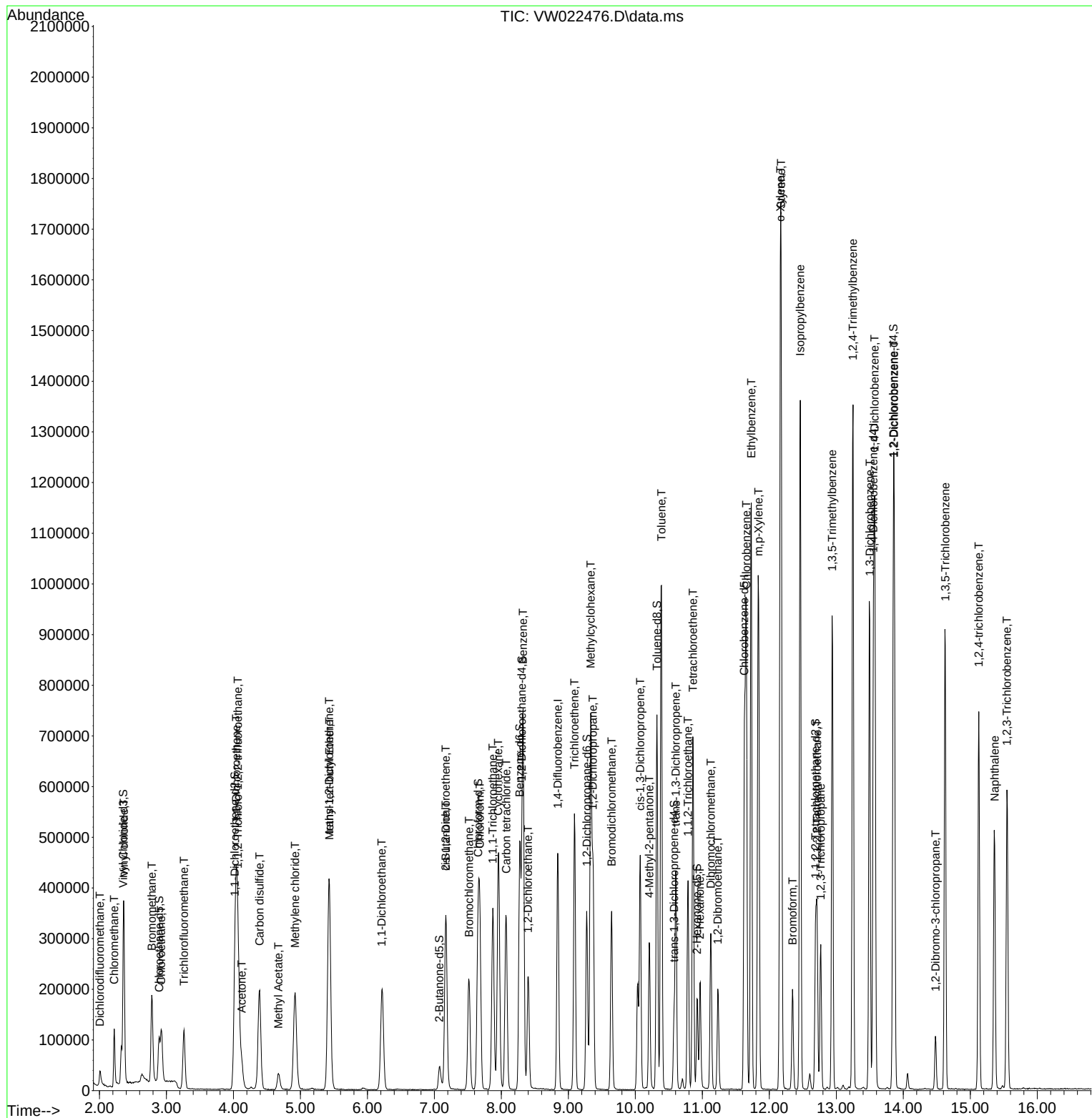
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	201538	24.454	ug/L	99
29) Cyclohexane	7.951	56	257232	23.929	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	279145	26.792	ug/L	97
31) Carbon tetrachloride	8.073	117	252047	26.954	ug/L	98
33) Benzene	8.323	78	642808	25.208	ug/L	100
34) Trichloroethene	9.091	95	181616	26.599	ug/L	97
35) Methylcyclohexane	9.335	83	304012	24.817	ug/L	96
37) 1,2-Dichloropropane	9.366	63	151954	24.874	ug/L	100
38) Bromodichloromethane	9.646	83	225752	25.697	ug/L #	99
39) cis-1,3-Dichloropropene	10.073	75	250924	25.885	ug/L	99
40) 4-Methyl-2-pentanone	10.207	43	183738	49.283	ug/L	95
42) Toluene	10.390	91	735758	25.180	ug/L	93
44) trans-1,3-Dichloropropene	10.603	75	224346	25.847	ug/L	98
45) 1,1,2-Trichloroethane	10.786	97	124095	26.616	ug/L	97
46) Tetrachloroethene	10.859	164	137910	27.478	ug/L	85
48) 2-Hexanone	10.963	43	133163	50.629	ug/L	98
49) Dibromochloromethane	11.128	129	153567	27.618	ug/L	95
50) 1,2-Dibromoethane	11.231	107	124282	26.995	ug/L #	98
51) Chlorobenzene	11.658	112	471456	26.403	ug/L	95
52) Ethylbenzene	11.731	91	831921	25.400	ug/L	95
53) m,p-Xylene	11.841	106	327877	26.328	ug/L	90
54) o-Xylene	12.164	106	315583	26.518	ug/L	99
55) Styrene	12.176	104	543488	26.730	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.713	83	148539	25.957	ug/L	99
59) Bromoform	12.347	173	82690	26.581	ug/L	97
60) Isopropylbenzene	12.463	105	887774	25.527	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	109663	24.624	ug/L	96
62) 1,3,5-Trimethylbenzene	12.938	105	494997	25.881	ug/L	96
63) 1,2,4-Trimethylbenzene	13.249	105	755874	25.989	ug/L	98
64) 1,3-Dichlorobenzene	13.499	146	378660	26.828	ug/L	98
65) 1,4-Dichlorobenzene	13.572	146	374328	26.593	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	343029	27.176	ug/L	93
68) 1,2-Dibromo-3-chloropr...	14.481	75	24118	23.351	ug/L #	84
69) 1,3,5-Trichlorobenzene	14.627	180	260458	28.283	ug/L	97
70) 1,2,4-trichlorobenzene	15.127	180	212220	27.440	ug/L	97
71) Naphthalene	15.365	128	438457	26.879	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	180917	27.367	ug/L	96

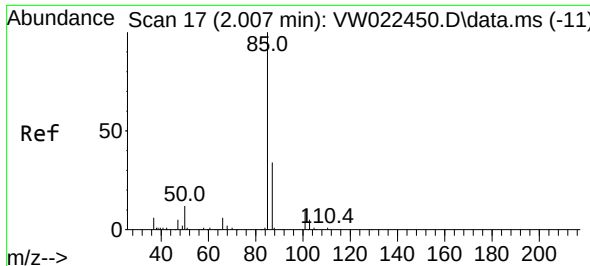
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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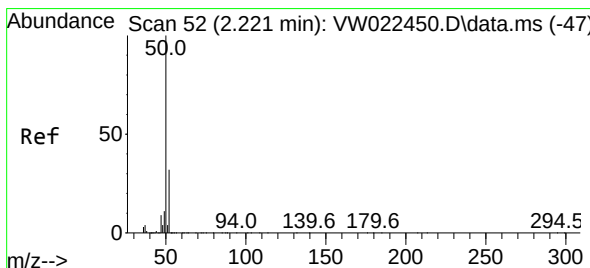
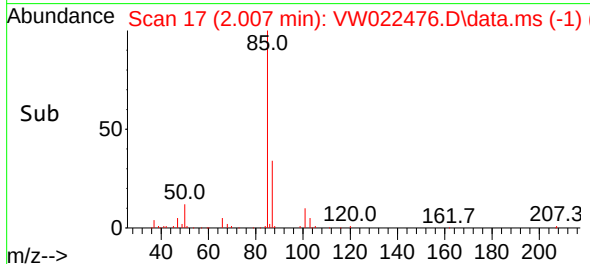
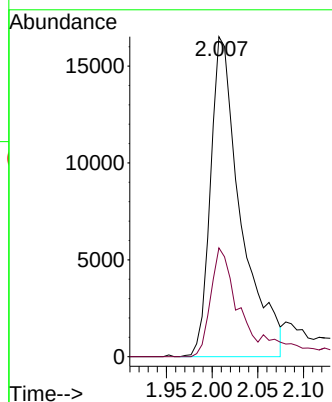
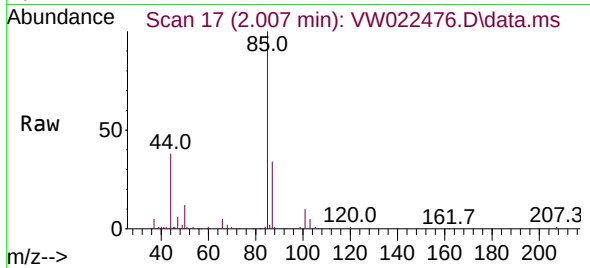




#2
 Dichlorodifluoromethane
 Concen: 20.045 ug/L
 RT: 2.007 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

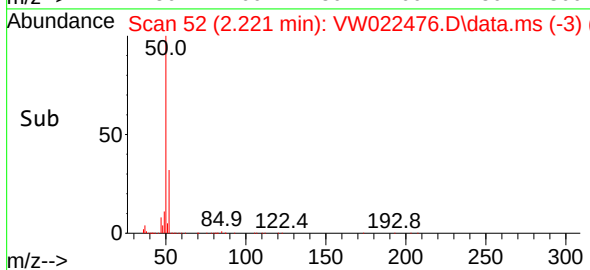
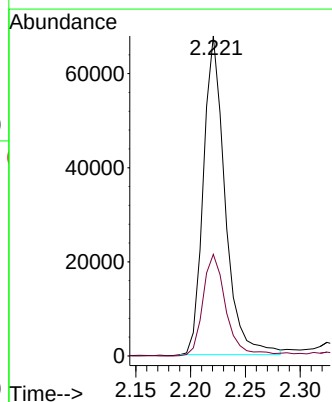
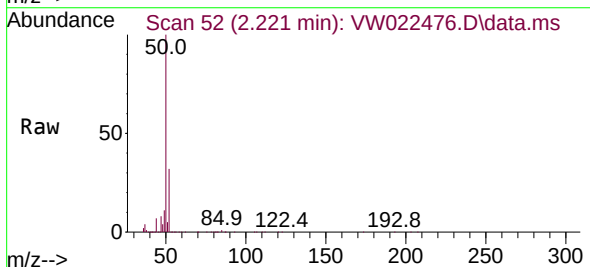
Instrument :
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 ClientSampleId :

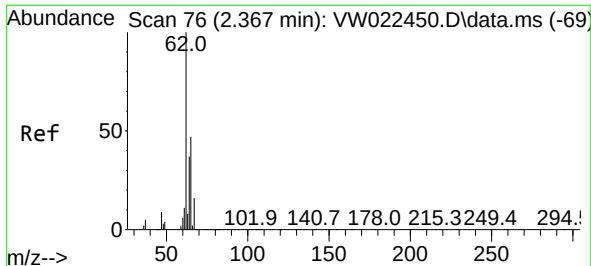
Tgt Ion: 85 Resp: 38011
 Ion Ratio Lower Upper
 85 100
 87 29.1 23.7 35.5



#3
 Chloromethane
 Concen: 19.764 ug/L
 RT: 2.221 min Scan# 52
 Delta R.T. -0.000 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

Tgt Ion: 50 Resp: 93438
 Ion Ratio Lower Upper
 50 100
 52 31.8 23.0 42.6

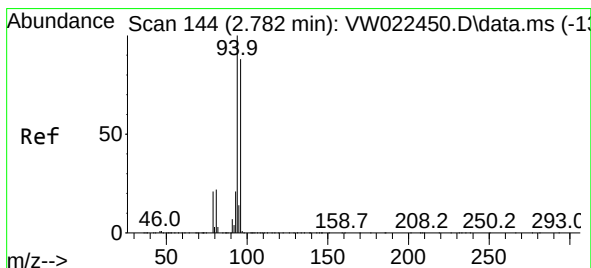
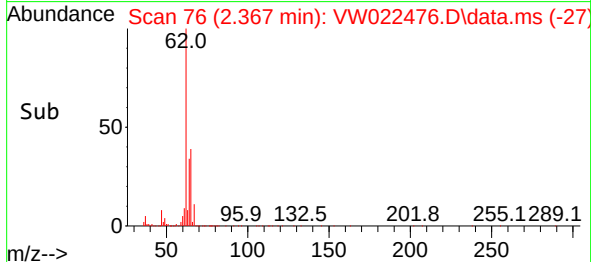
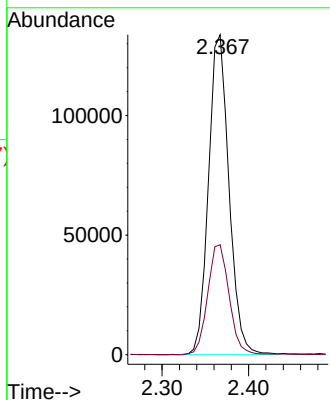
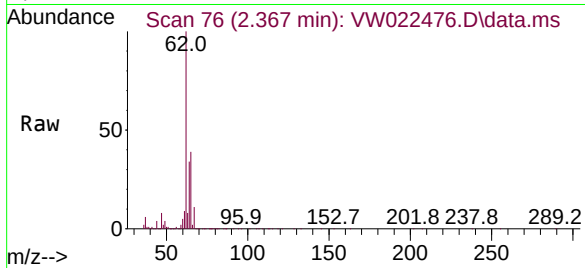




#5
 Vinyl chloride
 Concen: 22.304 ug/L
 RT: 2.367 min Scan# 76
 Delta R.T. -0.000 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

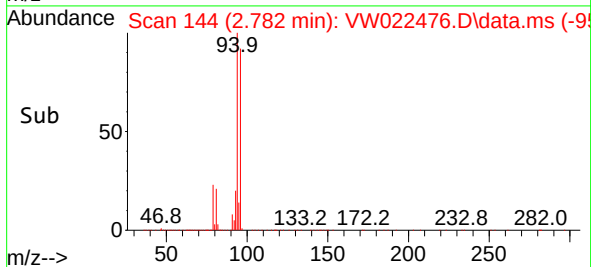
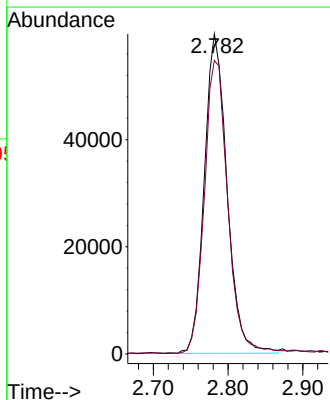
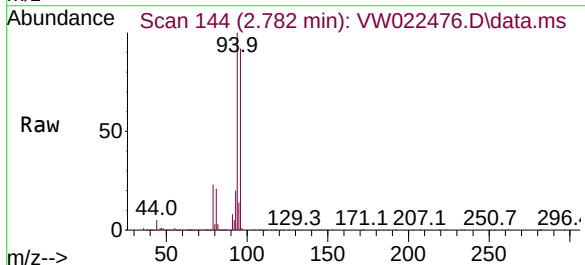
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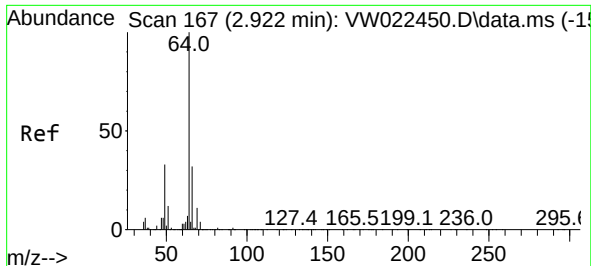
Tgt Ion: 62 Resp: 220035
 Ion Ratio Lower Upper
 62 100
 64 34.3 26.5 49.3



#6
 Bromomethane
 Concen: 20.986 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. -0.000 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

Tgt Ion: 94 Resp: 125853
 Ion Ratio Lower Upper
 94 100
 96 91.7 66.6 123.6

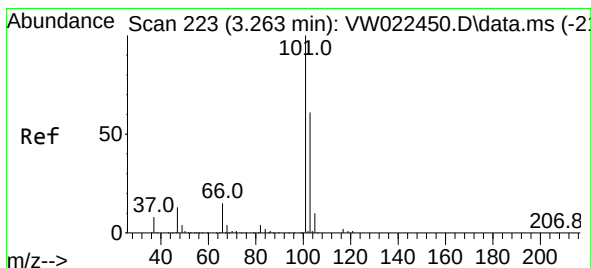
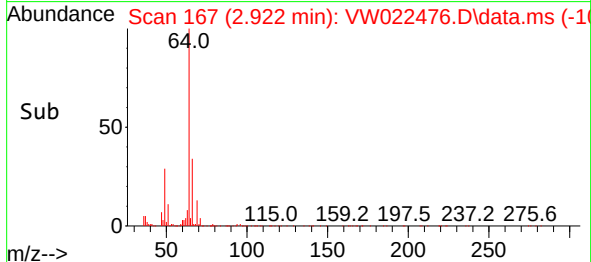
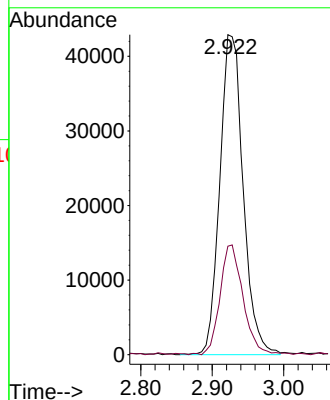
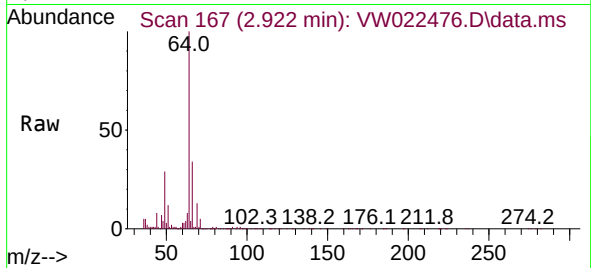




#8
Chloroethane
Concen: 22.522 ug/L
RT: 2.922 min Scan# 167
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

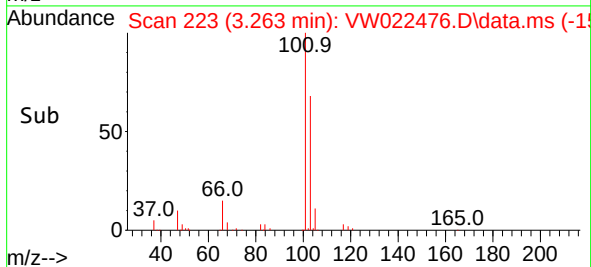
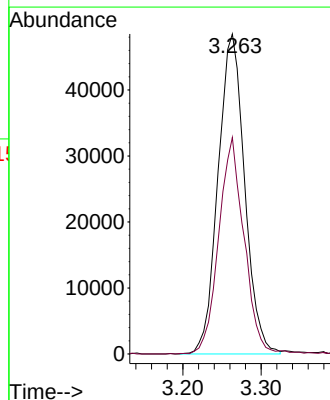
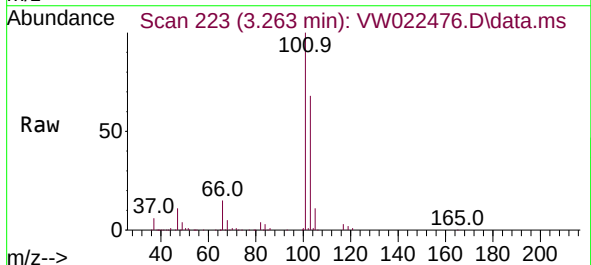
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MSVOA_W
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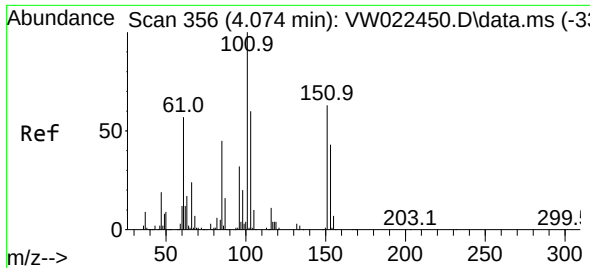
Tgt Ion: 64 Resp: 97271
Ion Ratio Lower Upper
64 100
66 33.9 22.3 41.5



#9
Trichlorofluoromethane
Concen: 31.381 ug/L
RT: 3.263 min Scan# 223
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 101 Resp: 114293
Ion Ratio Lower Upper
101 100
103 64.0 52.0 78.0

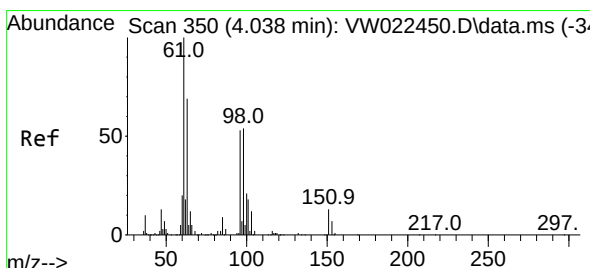
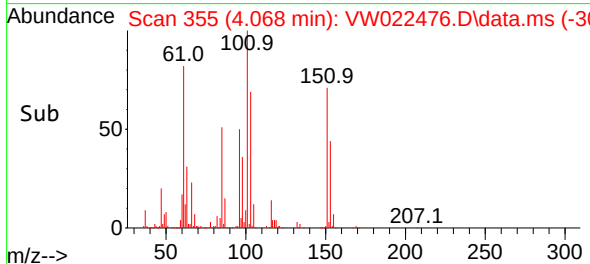
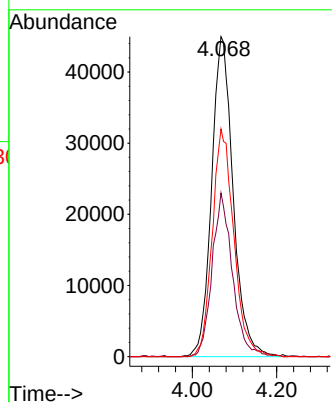
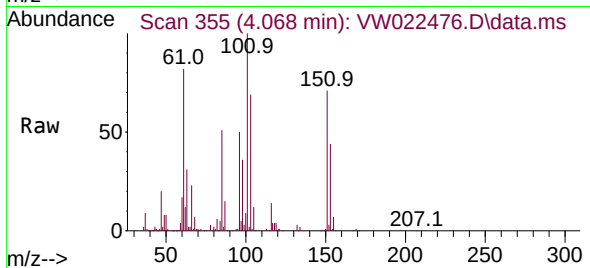




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.480 ug/L
 RT: 4.068 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

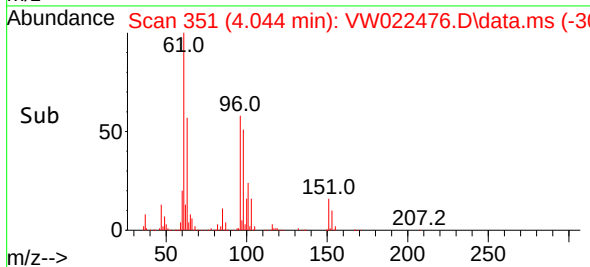
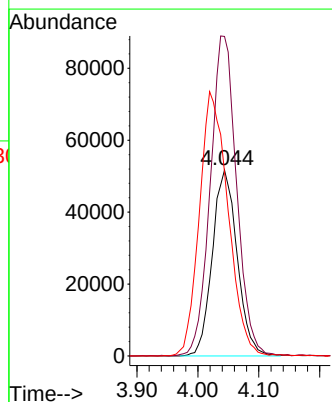
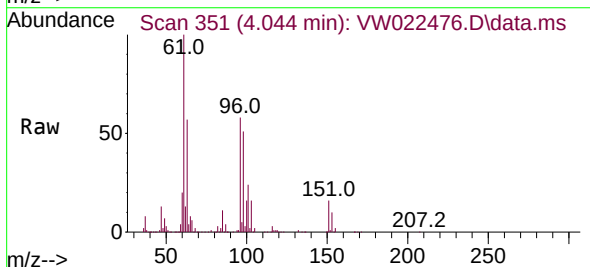
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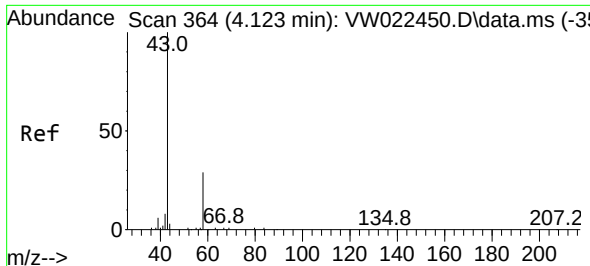
Tgt Ion:101 Resp: 159372
 Ion Ratio Lower Upper
 101 100
 85 48.2 39.2 58.8
 151 71.1 52.2 78.4



#12
 1,1-Dichloroethene
 Concen: 28.113 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW022476.D
 Acq: 11 Apr 2022 11:08

Tgt Ion: 96 Resp: 146423
 Ion Ratio Lower Upper
 96 100
 61 171.8 128.0 237.6
 63 98.7 86.6 160.8

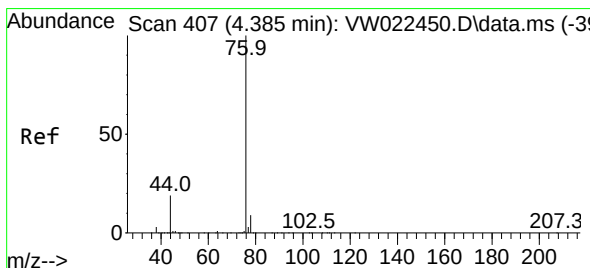
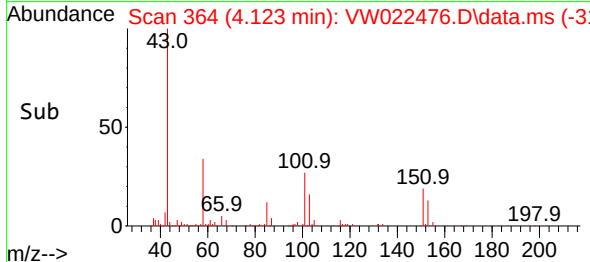
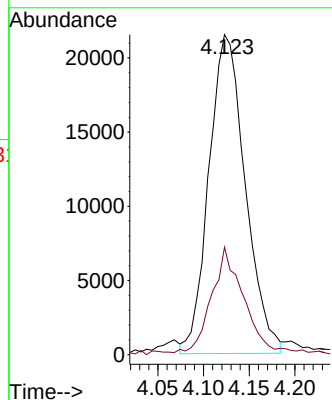
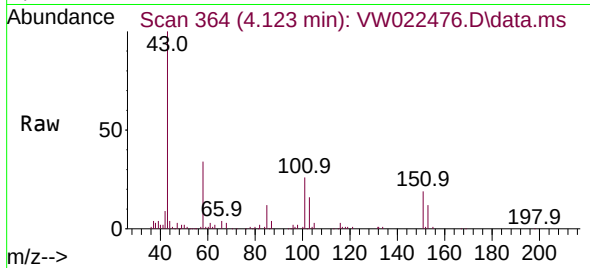




#13
Acetone
Concen: 58.598 ug/L
RT: 4.123 min Scan# 30
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

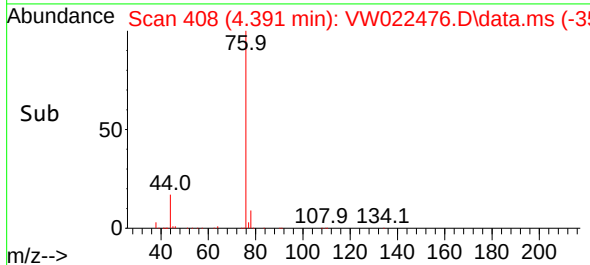
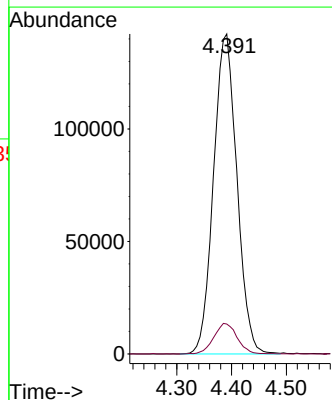
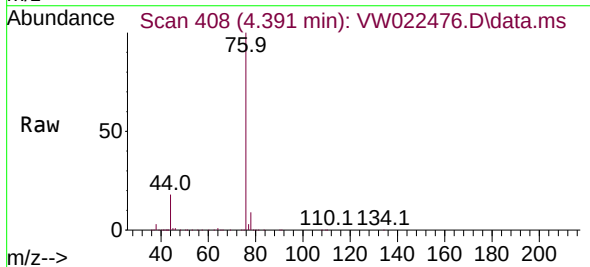
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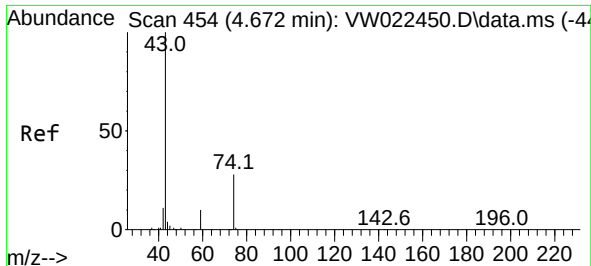
Tgt Ion: 43 Resp: 59567
Ion Ratio Lower Upper
43 100
58 29.5 0.0 57.0



#14
Carbon disulfide
Concen: 24.580 ug/L
RT: 4.391 min Scan# 408
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 421160
Ion Ratio Lower Upper
76 100
78 9.4 7.6 11.4

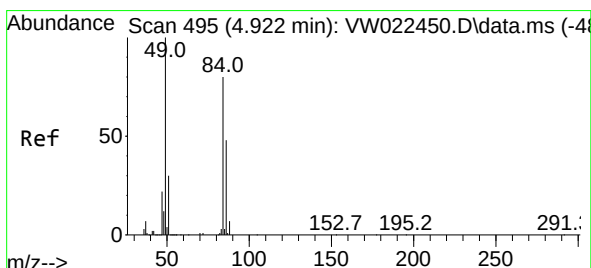
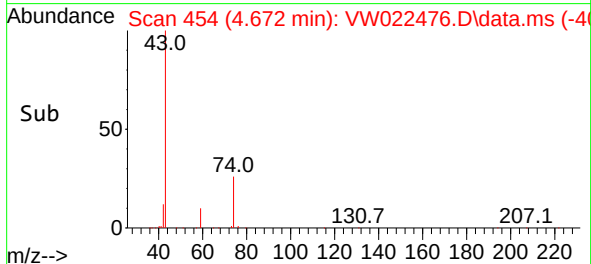
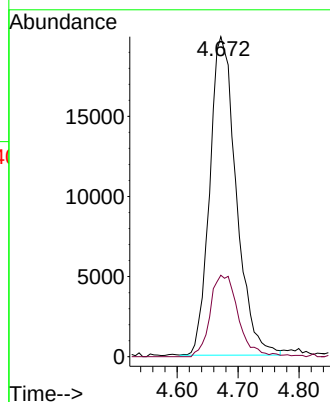
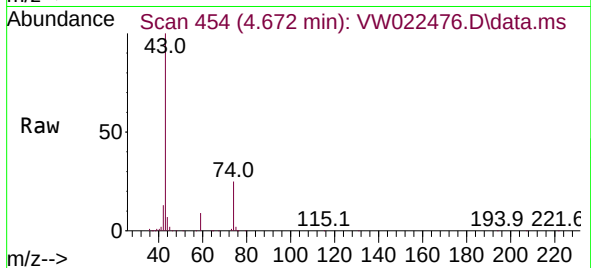




#15
Methyl Acetate
Concen: 23.607 ug/L
RT: 4.672 min Scan# 415
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

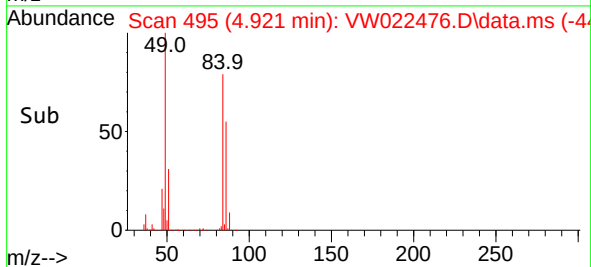
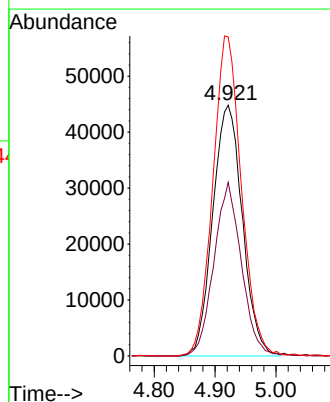
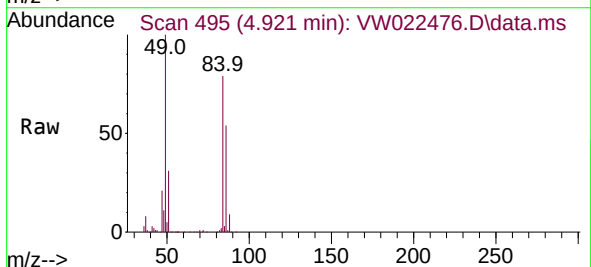
Instrument :
MSVOA_W
ClientSampleId :

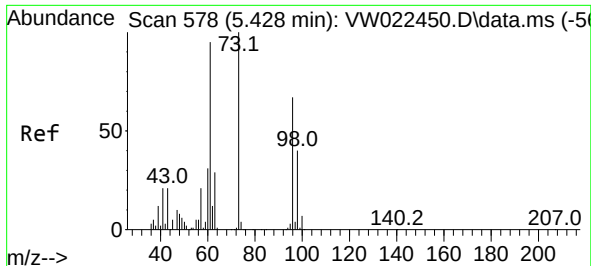
Tgt Ion: 43 Resp: 60221
Ion Ratio Lower Upper
43 100
74 26.6 18.5 27.7



#16
Methylene chloride
Concen: 25.997 ug/L
RT: 4.921 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

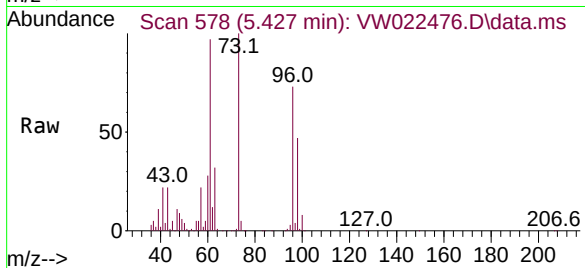
Tgt Ion: 84 Resp: 151323
Ion Ratio Lower Upper
84 100
86 69.2 42.8 79.4
49 127.2 94.2 175.0



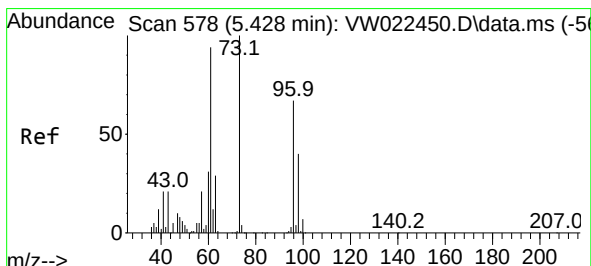
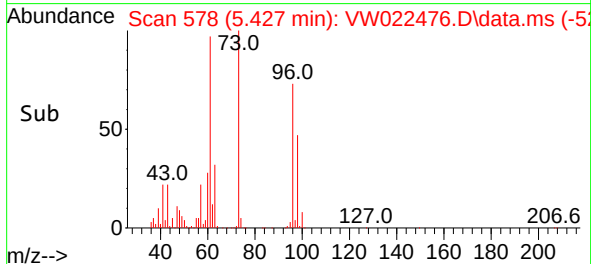
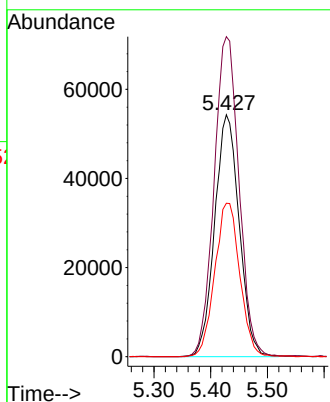


#17
trans-1,2-Dichloroethene
Concen: 26.753 ug/L
RT: 5.427 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :

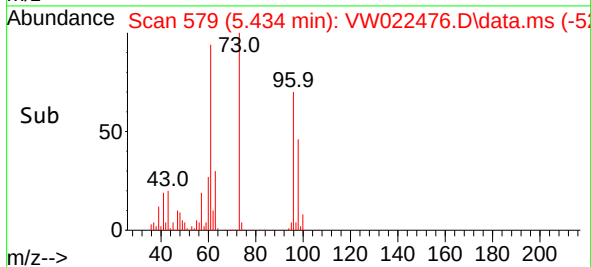
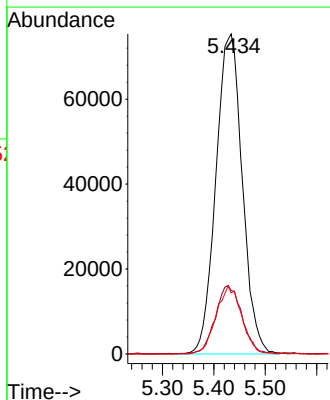
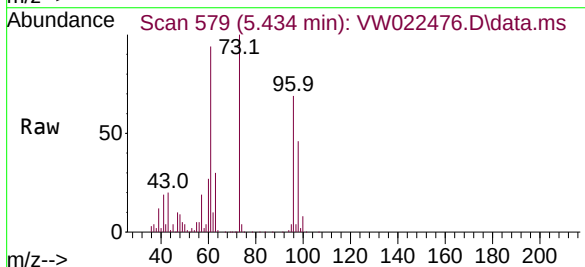


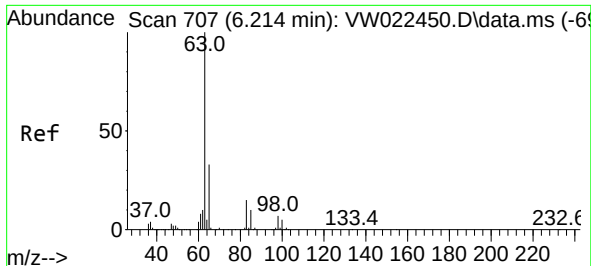
Tgt Ion: 96 Resp: 163232
Ion Ratio Lower Upper
96 100
61 132.3 99.8 185.4
98 63.4 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 26.950 ug/L
RT: 5.434 min Scan# 579
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 73 Resp: 268547
Ion Ratio Lower Upper
73 100
43 21.5 18.8 28.2
57 20.7 17.5 26.3





#19

1,1-Dichloroethane

Concen: 25.228 ug/L

RT: 6.214 min Scan# 707

Delta R.T. -0.000 min

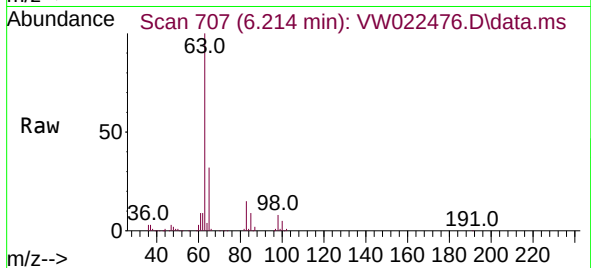
Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :



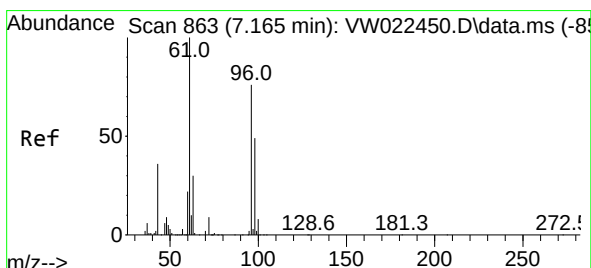
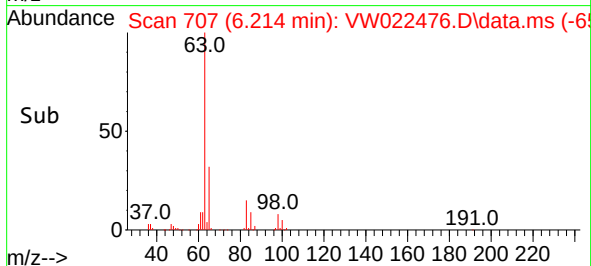
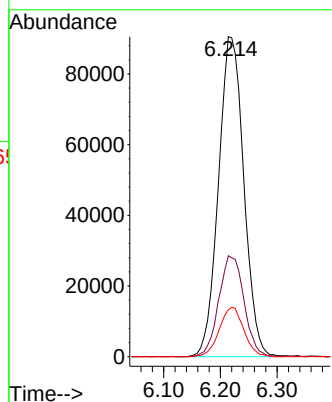
Tgt Ion: 63 Resp: 280864

Ion Ratio Lower Upper

63 100

65 31.5 21.1 39.3

83 14.6 10.1 18.9



#20

cis-1,2-Dichloroethene

Concen: 27.408 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

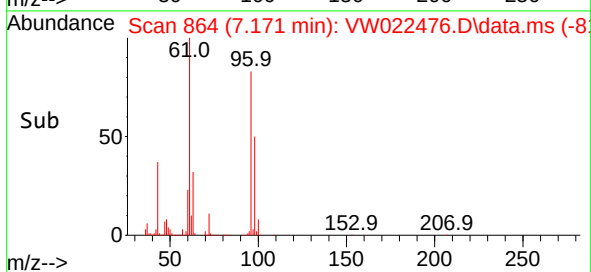
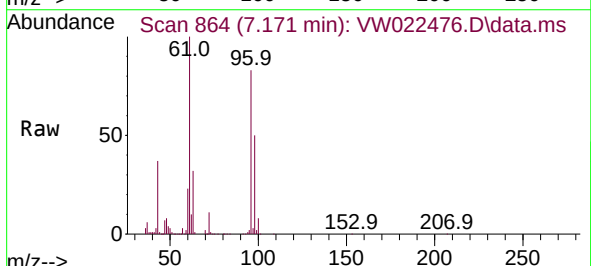
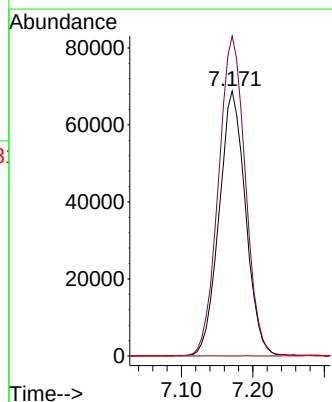
Tgt Ion: 96 Resp: 176621

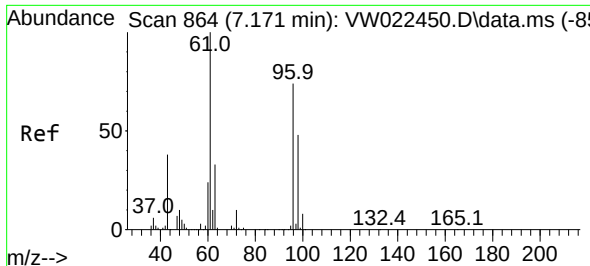
Ion Ratio Lower Upper

96 100

61 120.8 96.4 179.0

68 0.0 0.1 0.3

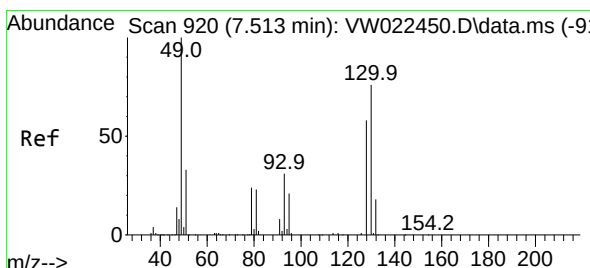
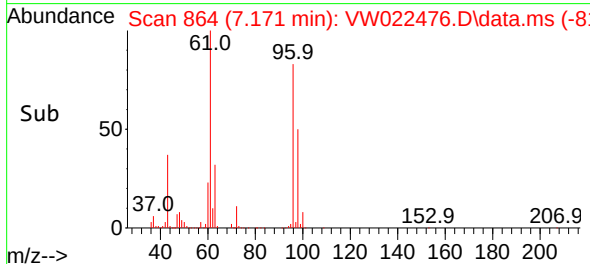
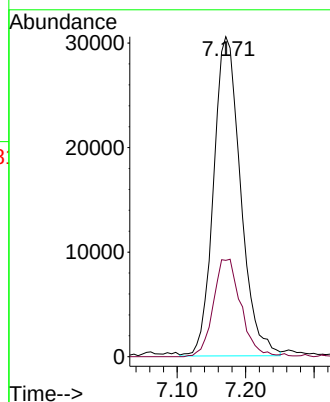
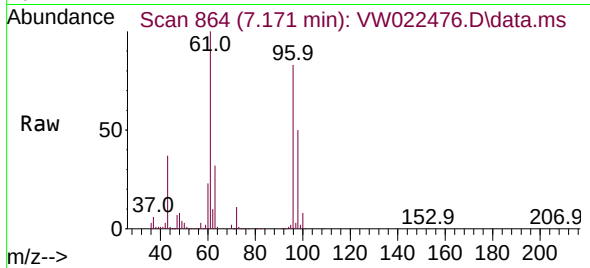




#22
2-Butanone
Concen: 54.512 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

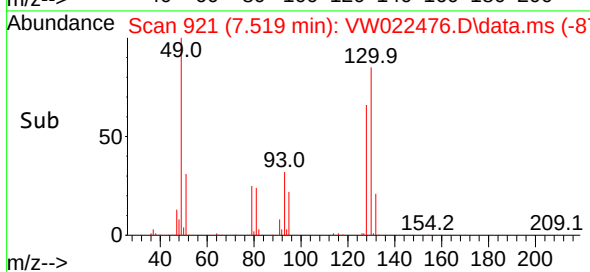
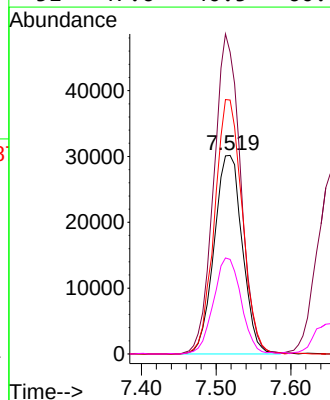
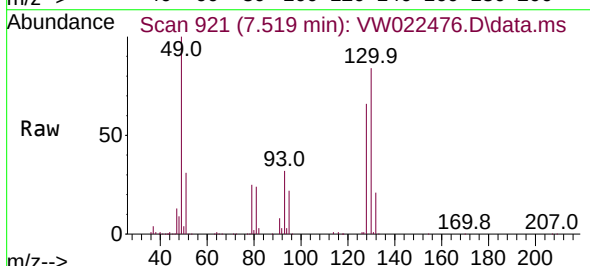
Instrument :
MSVOA_W
ClientSampleId :

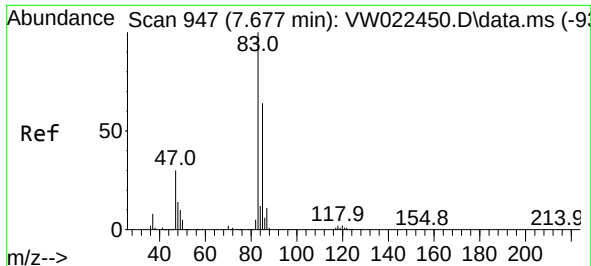
Tgt Ion: 43 Resp: 83692
Ion Ratio Lower Upper
43 100
72 31.0 14.0 42.0



#23
Bromochloromethane
Concen: 28.508 ug/L
RT: 7.519 min Scan# 921
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 128 Resp: 79061
Ion Ratio Lower Upper
128 100
49 151.9 120.8 224.3
130 127.8 81.8 151.8
51 47.6 40.5 60.7

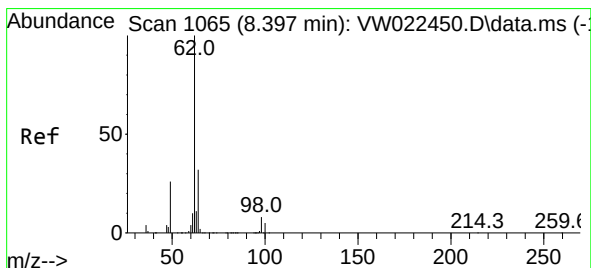
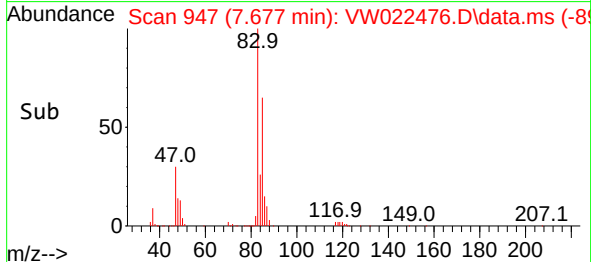
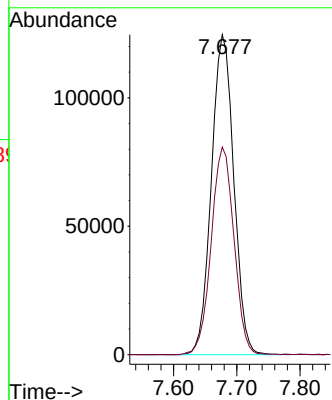
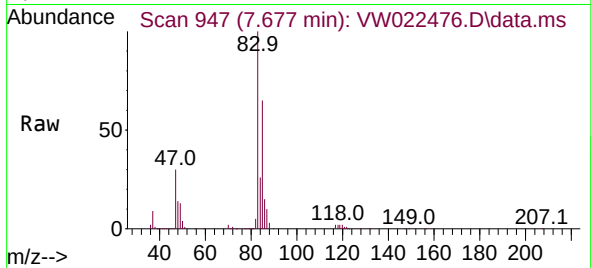




#25
Chloroform
Concen: 26.089 ug/L
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

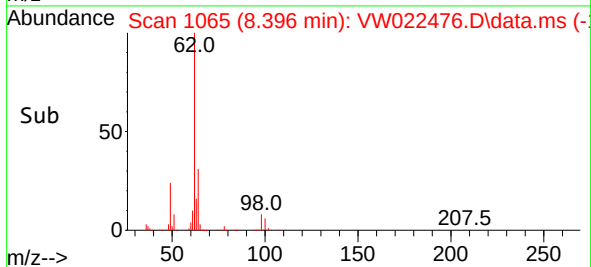
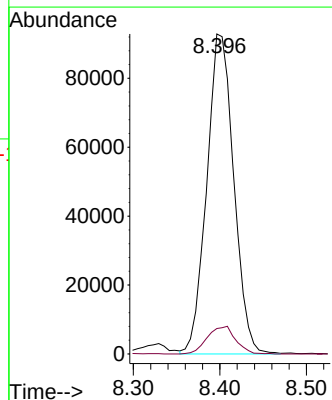
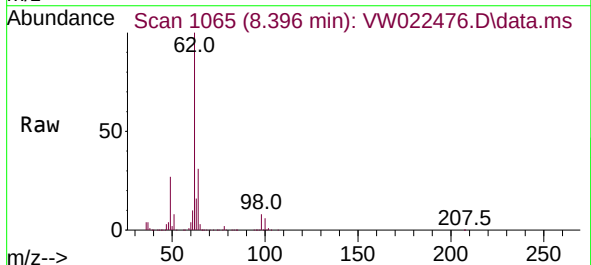
Instrument :
MSVOA_W
ClientSampleId :

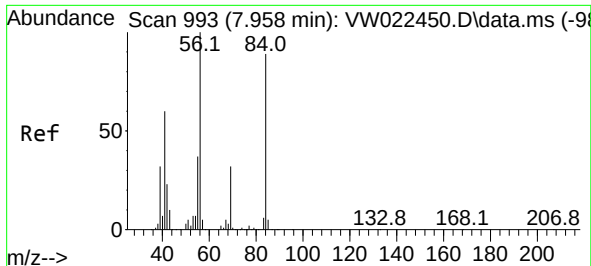
Tgt Ion: 83 Resp: 305911
Ion Ratio Lower Upper
83 100
85 64.9 45.8 85.0



#27
1,2-Dichloroethane
Concen: 24.454 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 62 Resp: 201538
Ion Ratio Lower Upper
62 100
98 8.0 6.2 9.2





#29

Cyclohexane

Concen: 23.929 ug/L

RT: 7.951 min Scan# 993

Delta R.T. -0.006 min

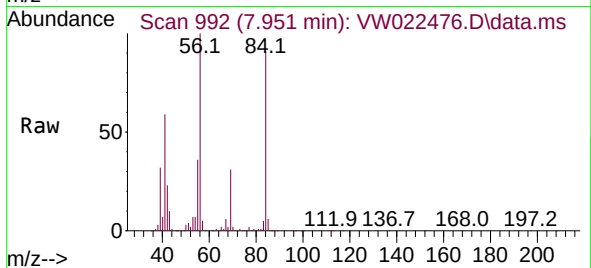
Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :



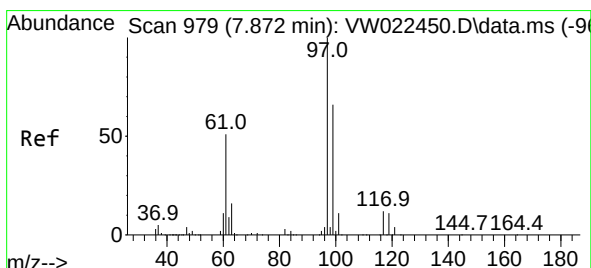
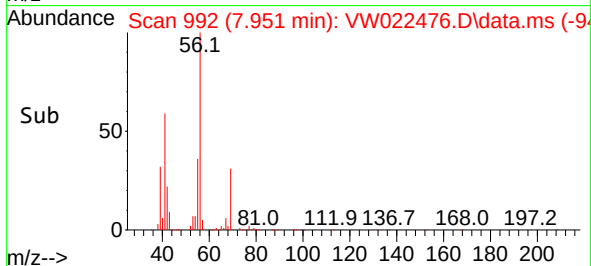
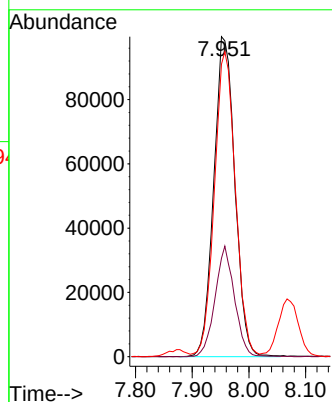
Tgt Ion: 56 Resp: 257232

Ion Ratio Lower Upper

56 100

69 31.8 24.4 36.6

84 94.6 72.6 108.8



#30

1,1,1-Trichloroethane

Concen: 26.792 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

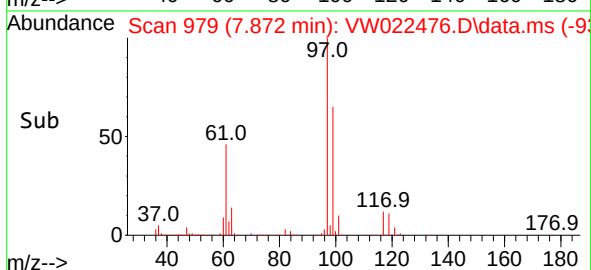
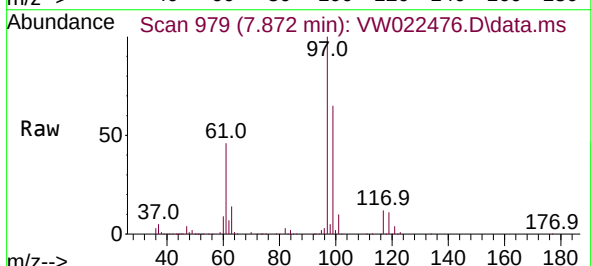
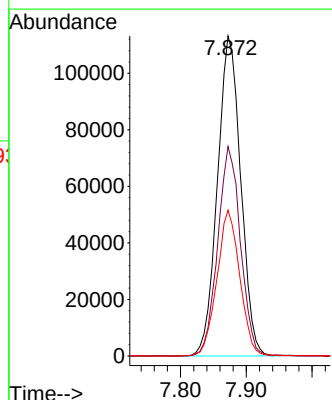
Tgt Ion: 97 Resp: 279145

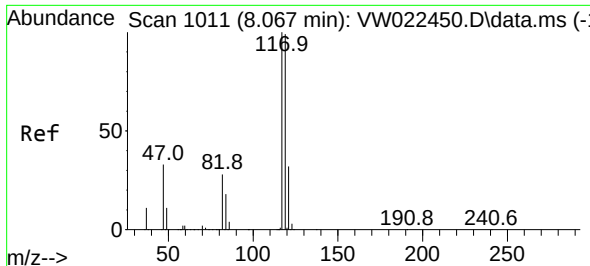
Ion Ratio Lower Upper

97 100

99 63.9 51.7 77.5

61 44.6 38.7 58.1

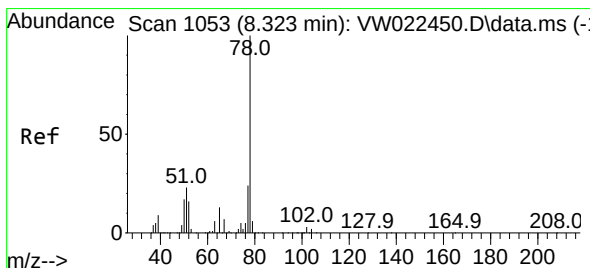
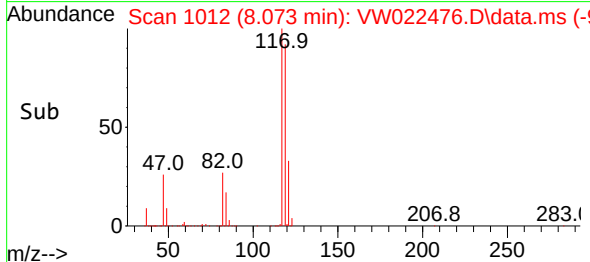
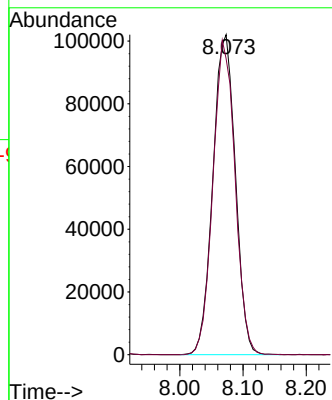
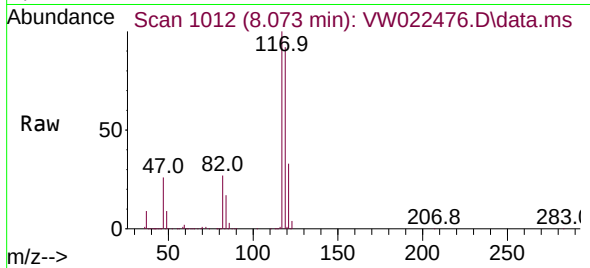




#31
Carbon tetrachloride
Concen: 26.954 ug/L
RT: 8.073 min Scan# 1011
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

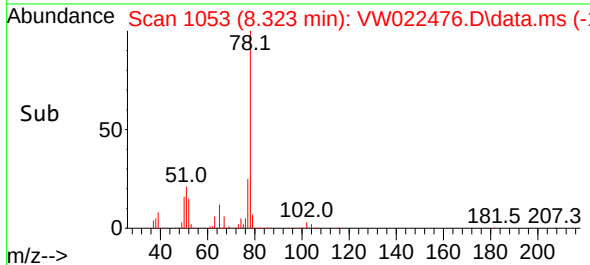
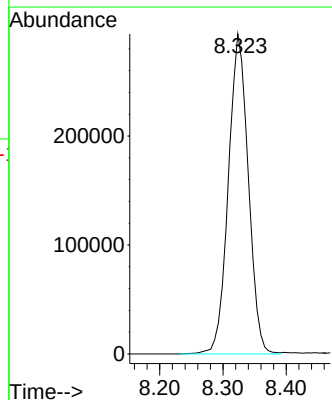
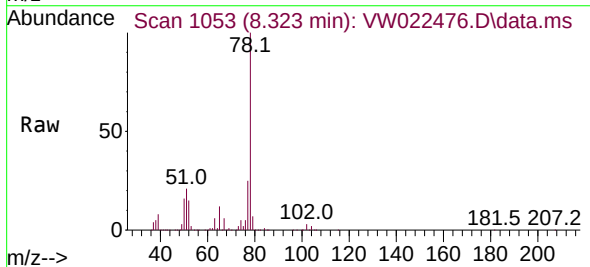
Instrument :
MSVOA_W
ClientSampleId :

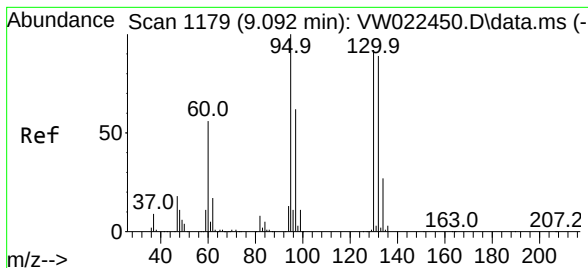
Tgt Ion:117 Resp: 252047
Ion Ratio Lower Upper
117 100
119 96.5 75.5 113.3



#33
Benzene
Concen: 25.208 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 78 Resp: 642808





#34

Trichloroethene

Concen: 26.599 ug/L

RT: 9.091 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

Tgt Ion: 95 Resp: 181616

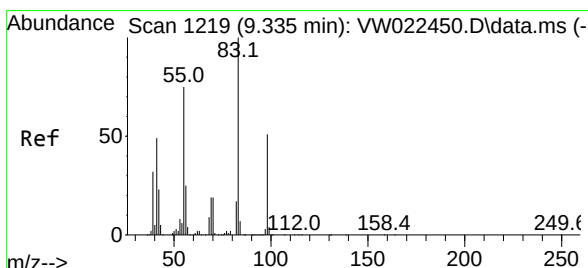
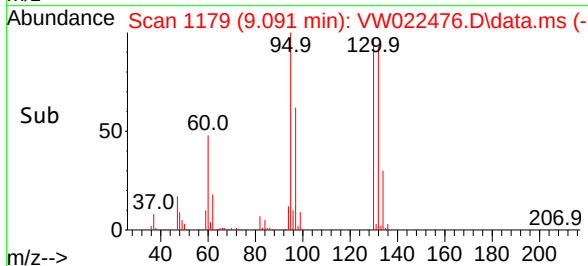
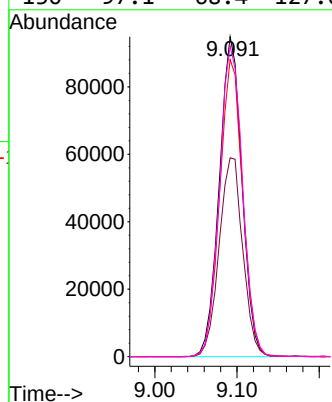
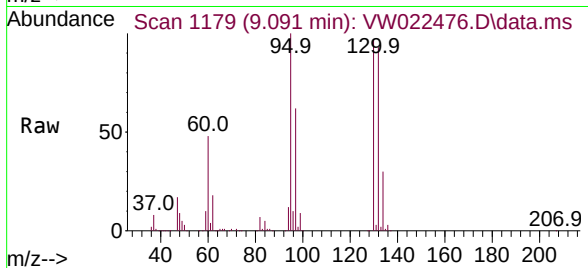
Ion Ratio Lower Upper

95 100

97 62.1 46.4 86.2

132 92.8 67.4 125.2

130 97.1 68.4 127.0



#35

Methylcyclohexane

Concen: 24.817 ug/L

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

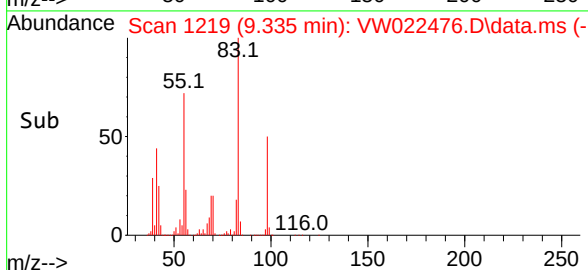
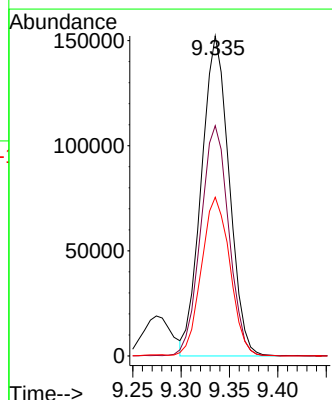
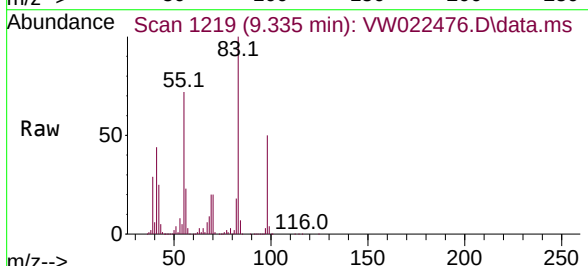
Tgt Ion: 83 Resp: 304012

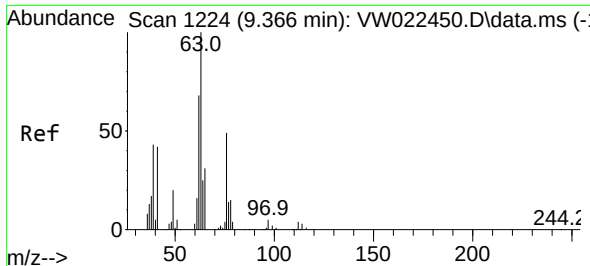
Ion Ratio Lower Upper

83 100

55 72.8 61.0 91.6

98 51.1 39.2 58.8





#37

1,2-Dichloropropane

Concen: 24.874 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

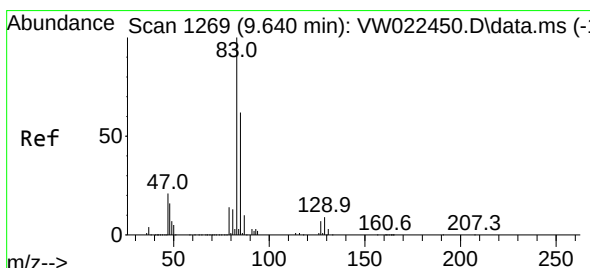
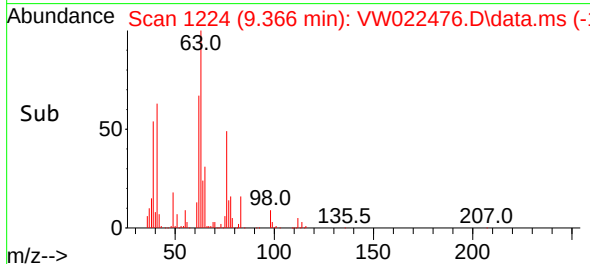
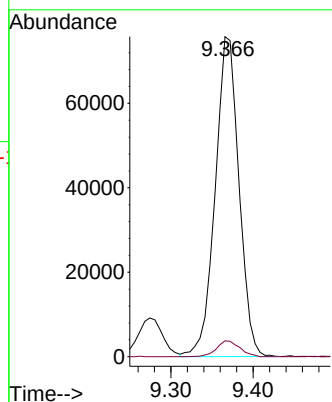
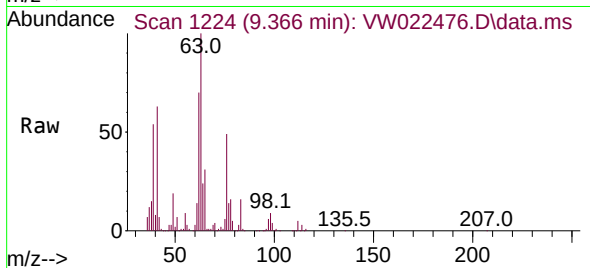
ClientSampleId :

Tgt Ion: 63 Resp: 151954

Ion Ratio Lower Upper

63 100

112 4.8 3.8 5.6



#38

Bromodichloromethane

Concen: 25.697 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.006 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

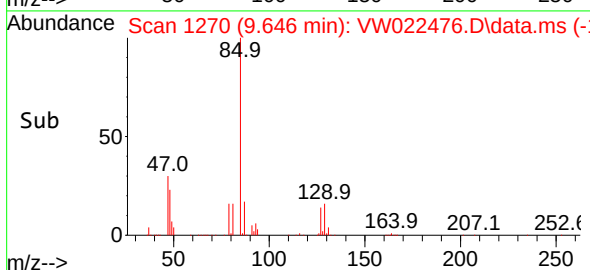
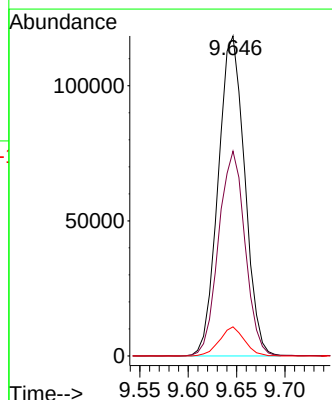
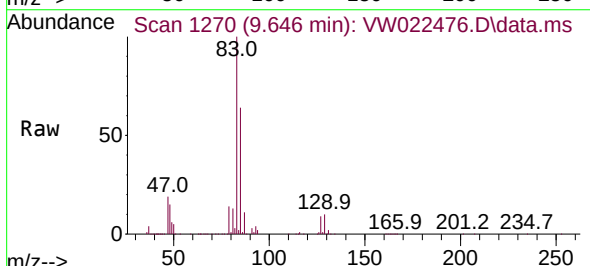
Tgt Ion: 83 Resp: 225752

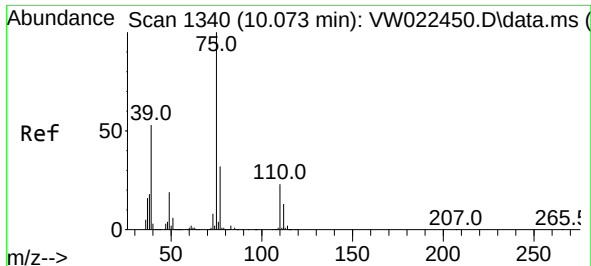
Ion Ratio Lower Upper

83 100

85 64.0 45.2 84.0

127 9.1 6.0 9.0#





#39

cis-1,3-Dichloropropene

Concen: 25.885 ug/L

RT: 10.073 min Scan# 1340

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

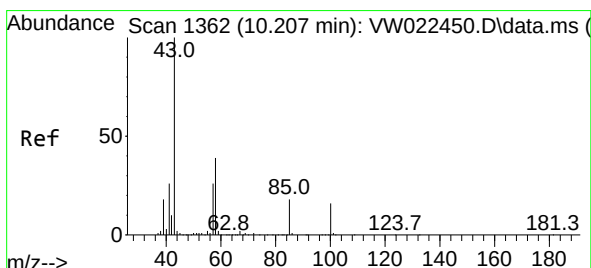
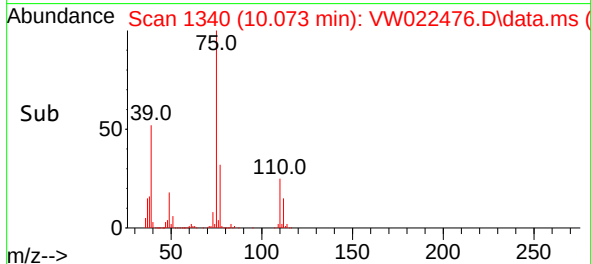
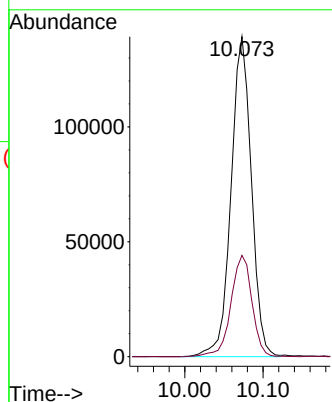
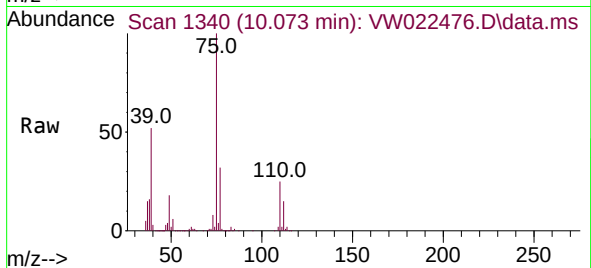
ClientSampleId :

Tgt Ion: 75 Resp: 250924

Ion Ratio Lower Upper

75 100

77 31.6 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.283 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

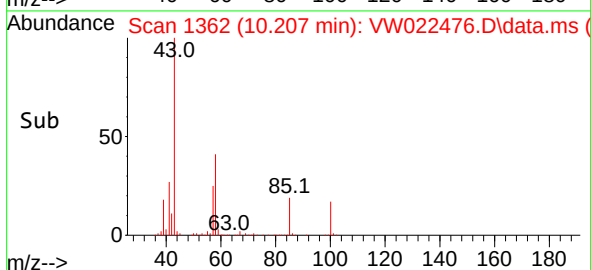
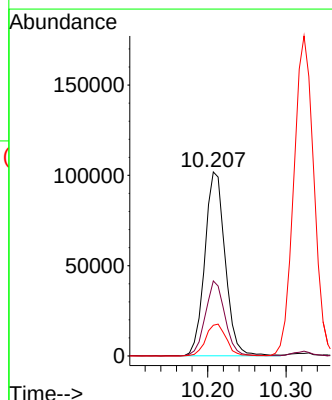
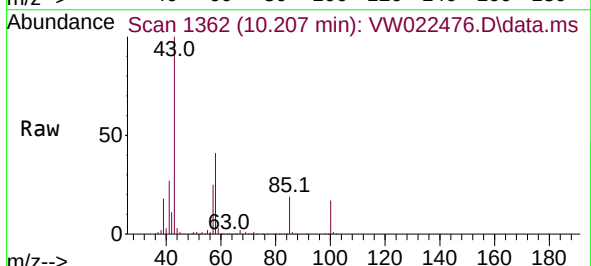
Tgt Ion: 43 Resp: 183738

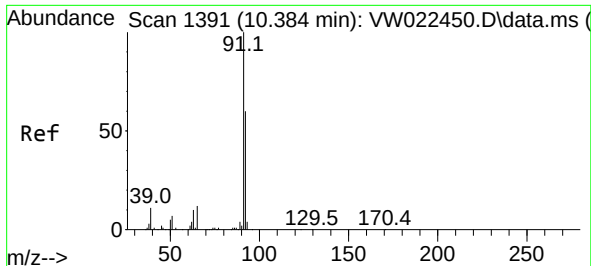
Ion Ratio Lower Upper

43 100

58 39.4 29.3 43.9

100 17.3 12.2 18.4

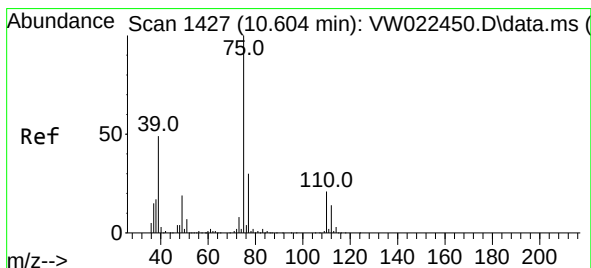
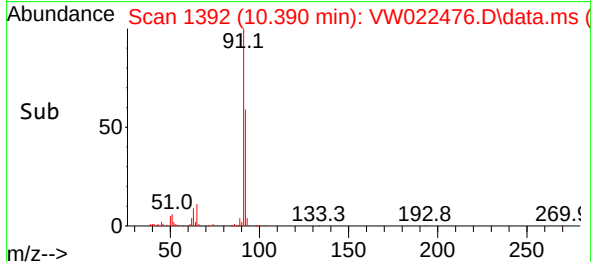
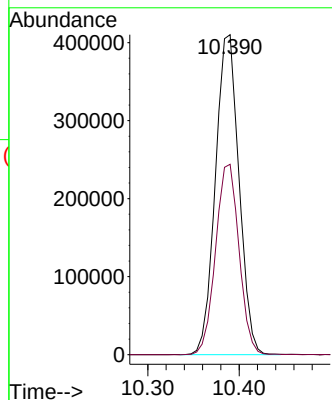
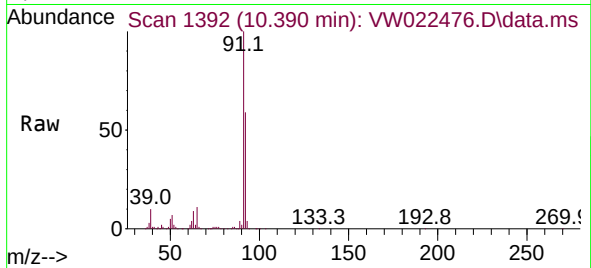




#42
Toluene
Concen: 25.180 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

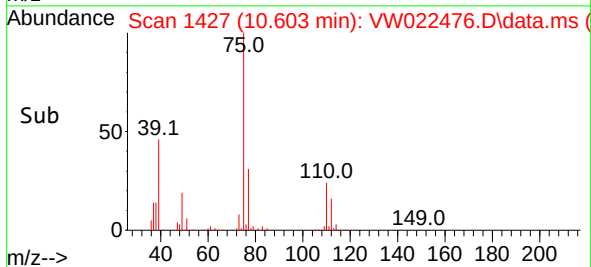
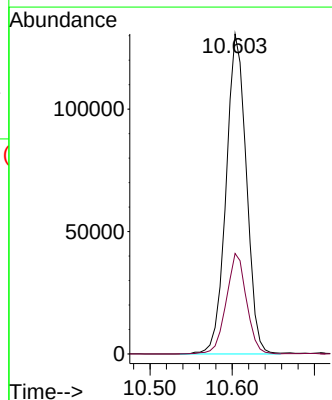
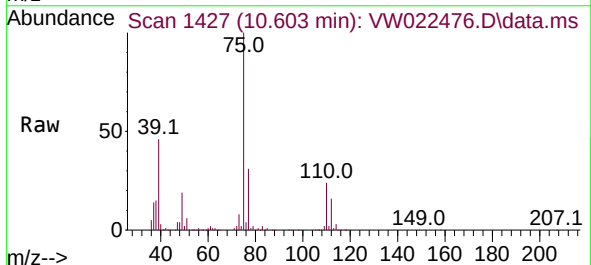
Instrument :
MSVOA_W
ClientSampleId :

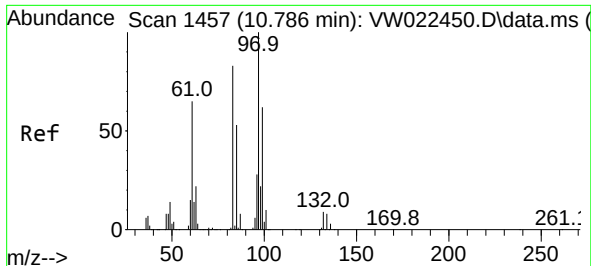
Tgt Ion: 91 Resp: 735758
Ion Ratio Lower Upper
91 100
92 59.5 38.0 70.6



#44
trans-1,3-Dichloropropene
Concen: 25.847 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

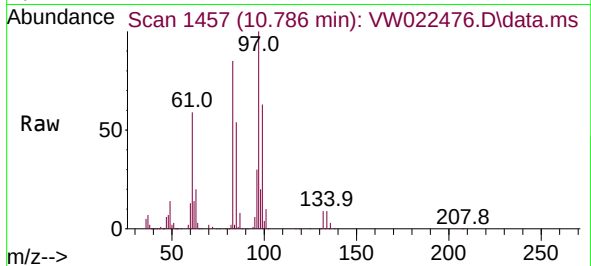
Tgt Ion: 75 Resp: 224346
Ion Ratio Lower Upper
75 100
77 31.4 21.3 39.6



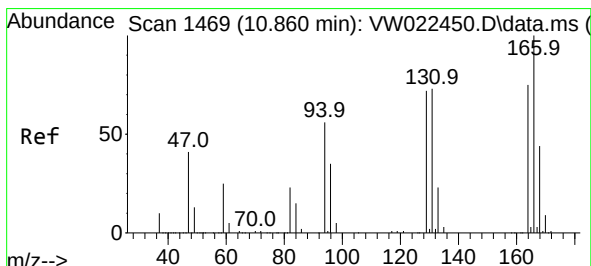
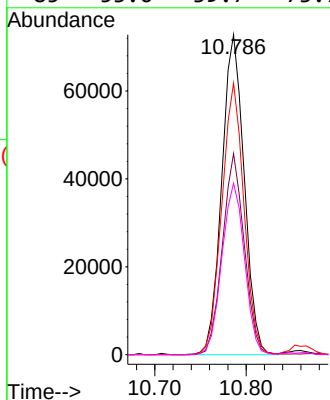
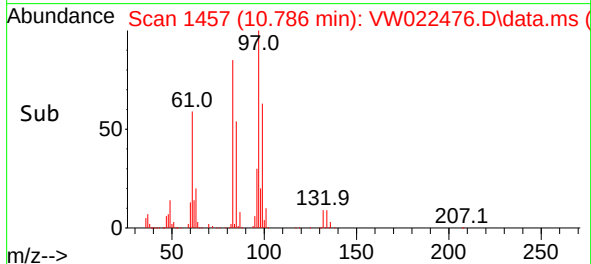


#45
1,1,2-Trichloroethane
Concen: 26.616 ug/L
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

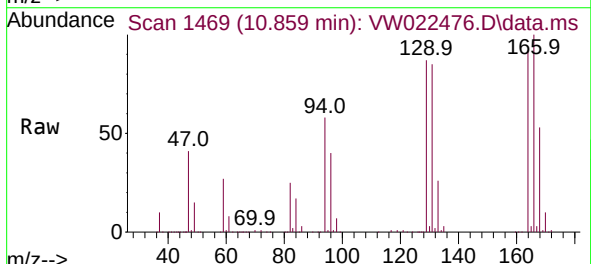
Instrument :
MSVOA_W
ClientSampleId :



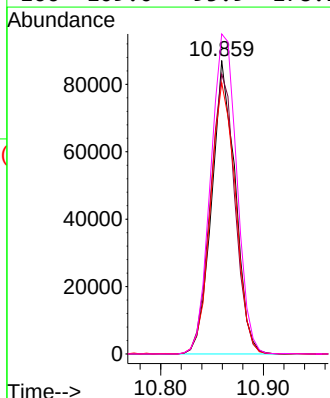
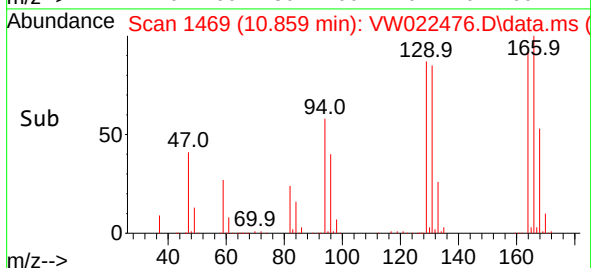
Tgt Ion:	97	Resp:	124095
Ion	Ratio	Lower	Upper
97	100		
99	62.8	46.0	85.4
83	84.9	60.6	112.6
85	53.6	39.7	73.7

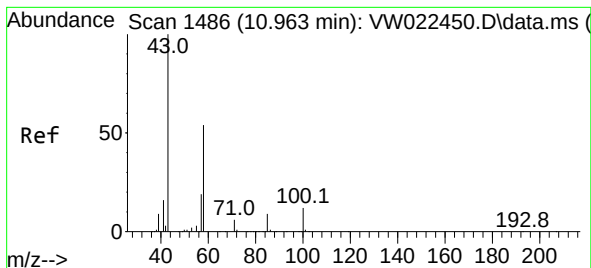


#46
Tetrachloroethene
Concen: 27.478 ug/L
RT: 10.859 min Scan# 1469
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08



Tgt Ion:	164	Resp:	137910
Ion	Ratio	Lower	Upper
164	100		
129	95.4	74.1	137.7
131	92.4	71.4	132.6
166	109.0	95.9	178.1





#48

2-Hexanone

Concen: 50.629 ug/L

RT: 10.963 min Scan# 1486

Delta R.T. -0.000 min

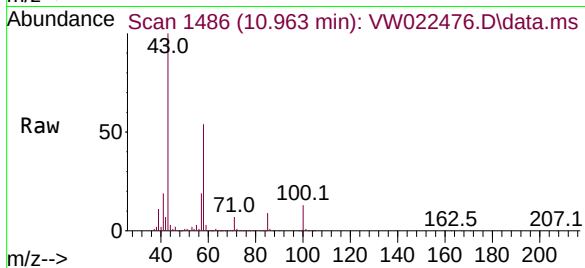
Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion: 43 Resp: 133163

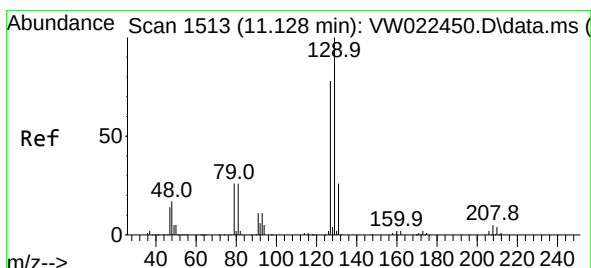
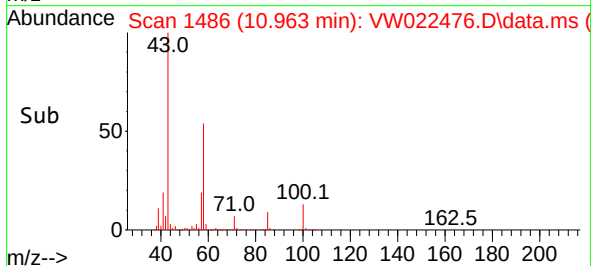
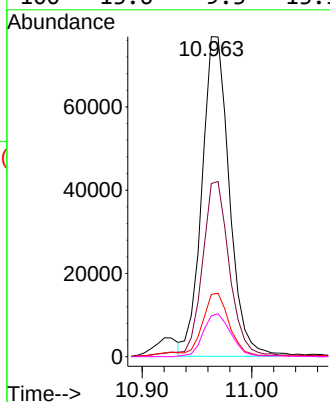
Ion Ratio Lower Upper

43 100

58 52.5 41.6 62.4

57 19.2 14.5 21.7

100 13.6 9.3 13.9



#49

Dibromochloromethane

Concen: 27.618 ug/L

RT: 11.128 min Scan# 1513

Delta R.T. -0.000 min

Lab File: VW022476.D

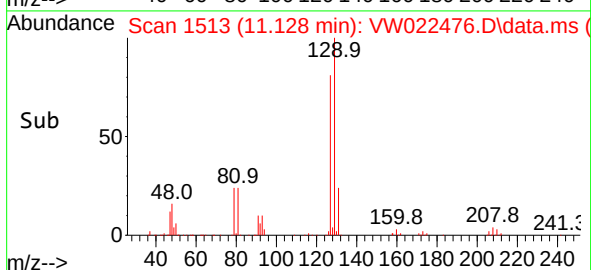
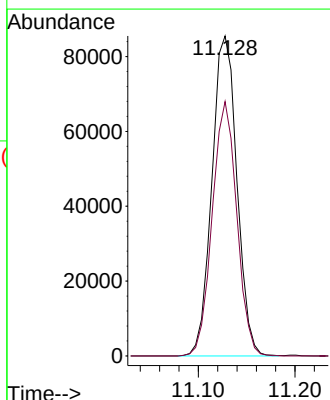
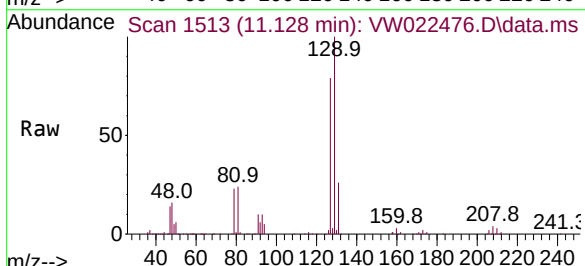
Acq: 11 Apr 2022 11:08

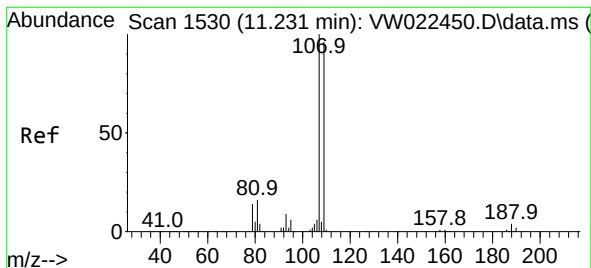
Tgt Ion:129 Resp: 153567

Ion Ratio Lower Upper

129 100

127 79.5 52.6 97.6

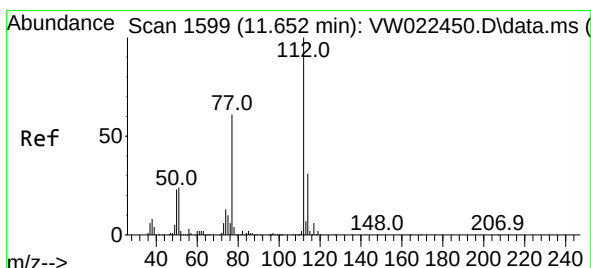
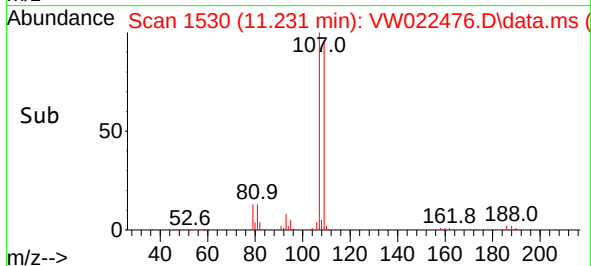
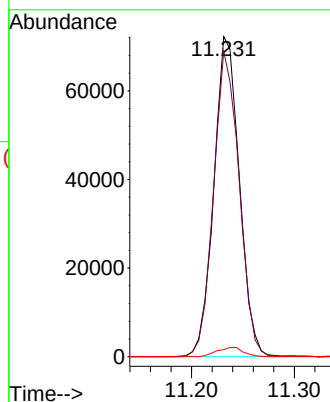
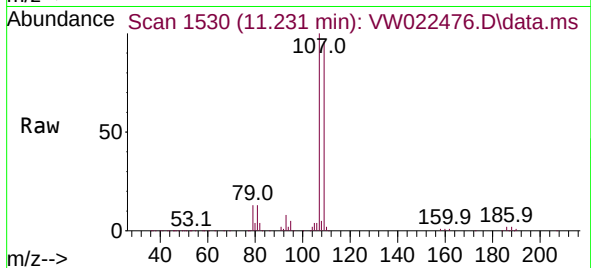




#50
1,2-Dibromoethane
Concen: 26.995 ug/L
RT: 11.231 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

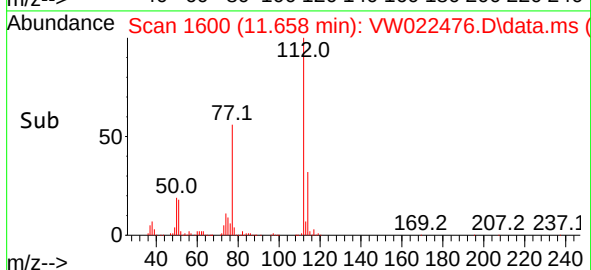
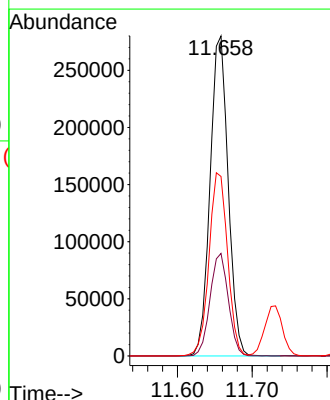
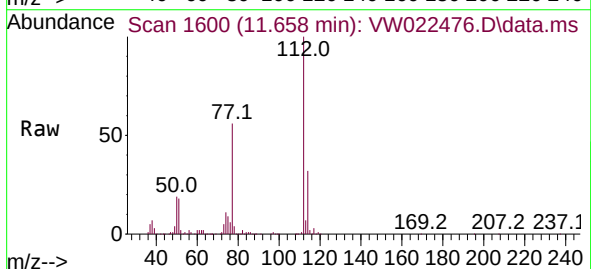
Instrument :
MSVOA_W
ClientSampleId :

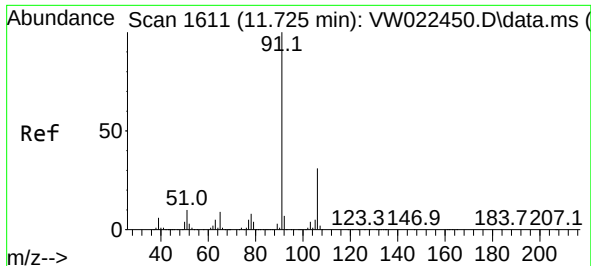
Tgt Ion:107 Resp: 124282
Ion Ratio Lower Upper
107 100
109 95.5 68.2 126.6
188 2.2 2.8 4.2#



#51
Chlorobenzene
Concen: 26.403 ug/L
RT: 11.658 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion:112 Resp: 471456
Ion Ratio Lower Upper
112 100
114 32.1 20.5 38.1
77 56.1 48.1 72.1

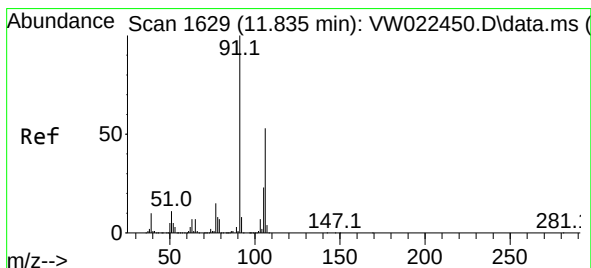
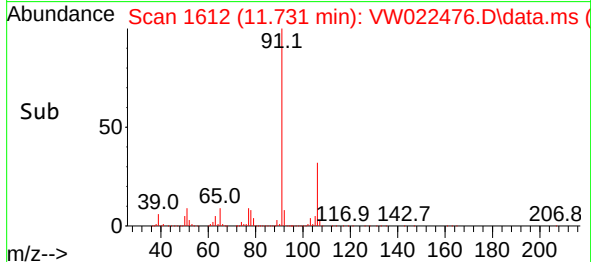
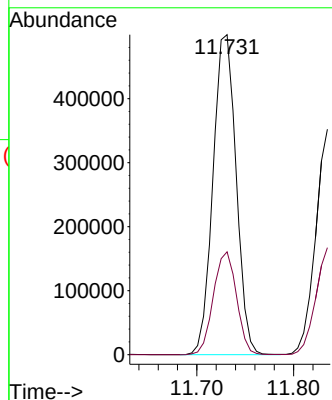
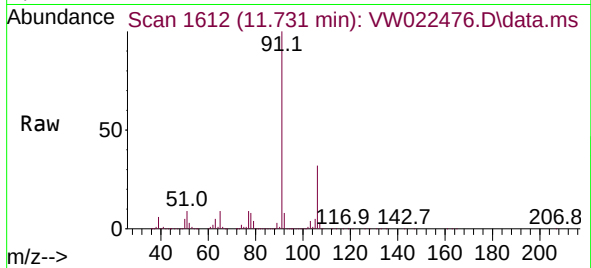




#52
Ethylbenzene
Concen: 25.400 ug/L
RT: 11.731 min Scan# 1611
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

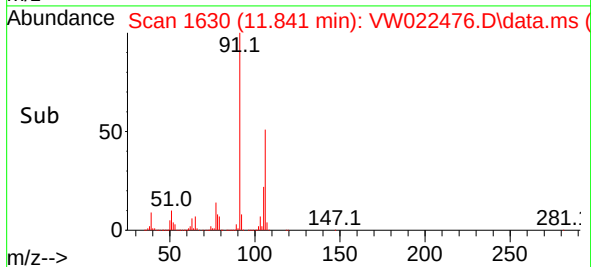
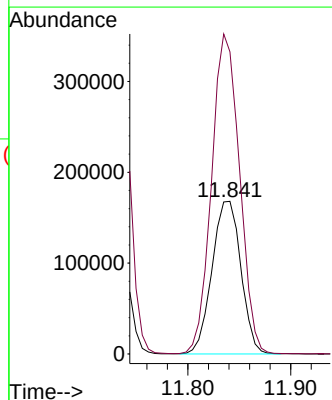
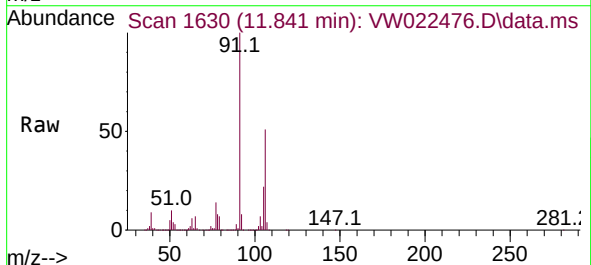
Instrument :
MSVOA_W
ClientSampleId :

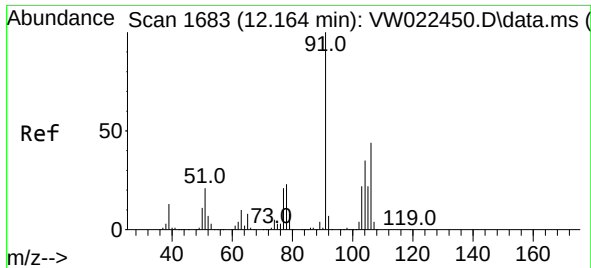
Tgt Ion: 91 Resp: 831921
Ion Ratio Lower Upper
91 100
106 32.1 20.5 38.1



#53
m,p-Xylene
Concen: 26.328 ug/L
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion: 106 Resp: 327877
Ion Ratio Lower Upper
106 100
91 198.0 149.9 278.5

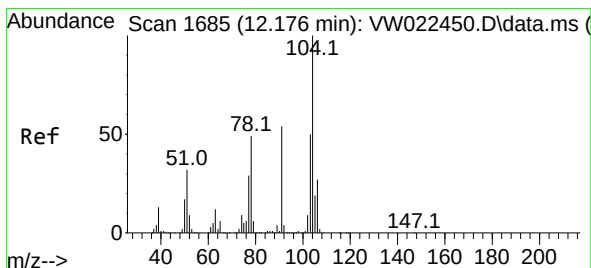
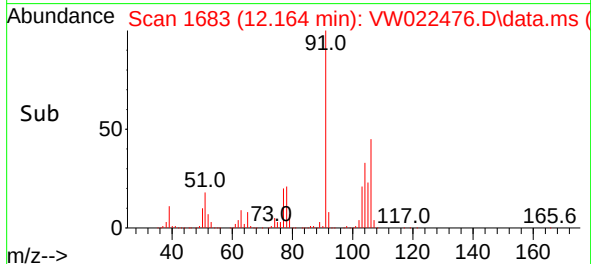
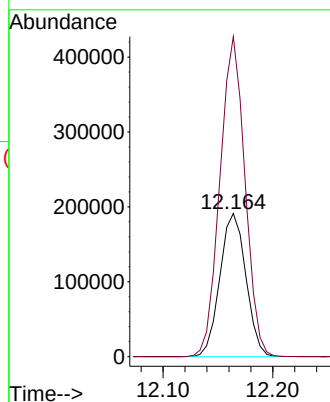
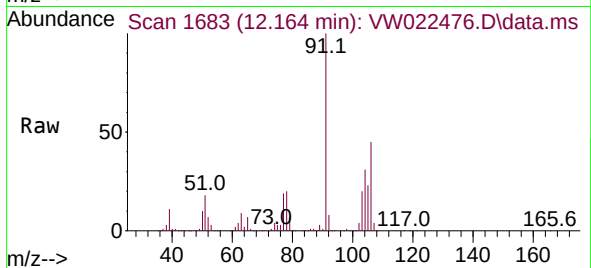




#54
o-Xylene
Concen: 26.518 ug/L
RT: 12.164 min Scan# 1
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

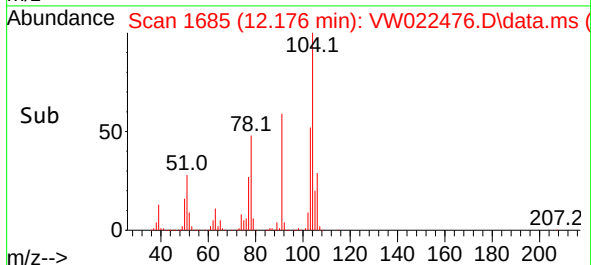
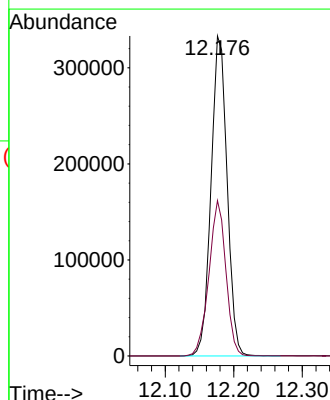
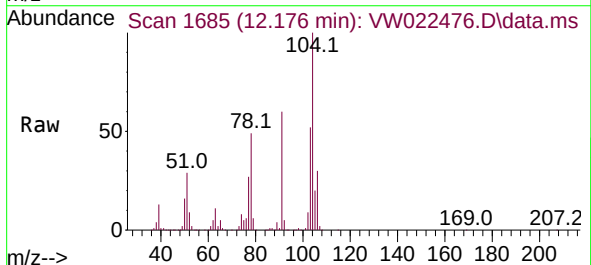
Instrument :
MSVOA_W
ClientSampleId :

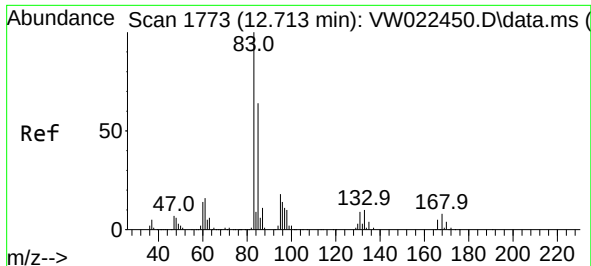
Tgt Ion:106 Resp: 315583
Ion Ratio Lower Upper
106 100
91 223.4 155.3 288.3



#55
Styrene
Concen: 26.730 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion:104 Resp: 543488
Ion Ratio Lower Upper
104 100
78 48.5 34.4 64.0





#57

1,1,2,2-Tetrachloroethane

Concen: 25.957 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

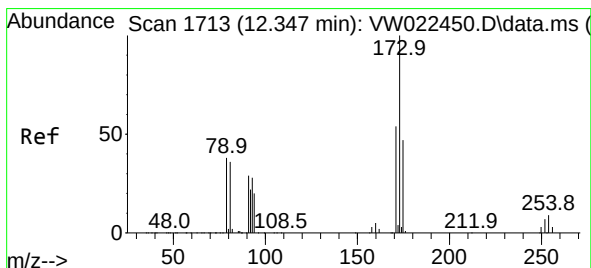
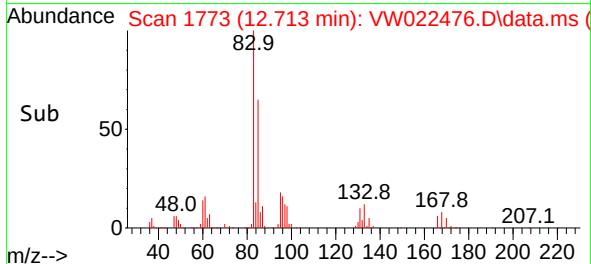
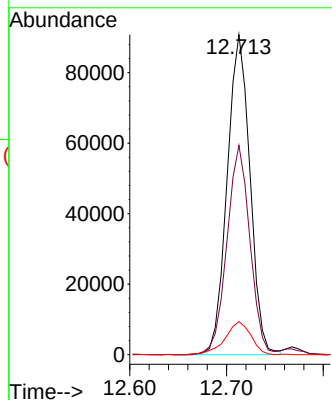
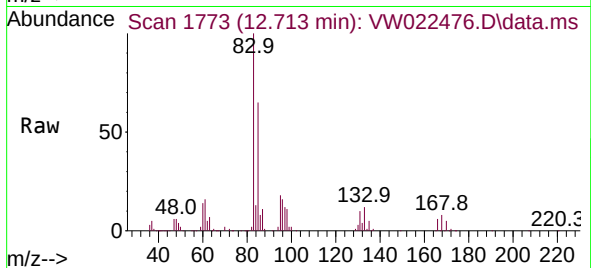
Tgt Ion: 83 Resp: 148539

Ion Ratio Lower Upper

83 100

85 65.4 45.5 84.5

131 10.3 7.8 11.8



#59

Bromoform

Concen: 26.581 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

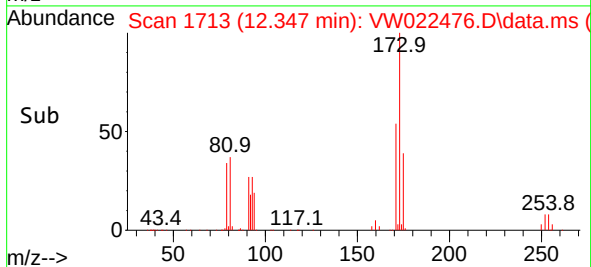
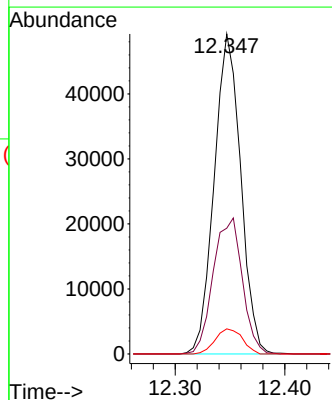
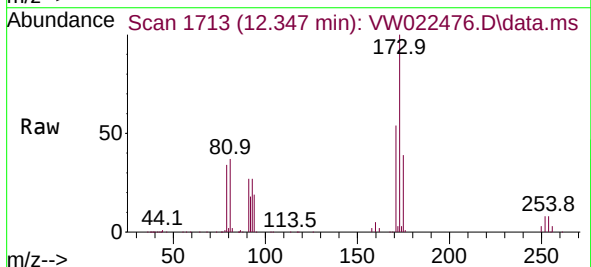
Tgt Ion:173 Resp: 82690

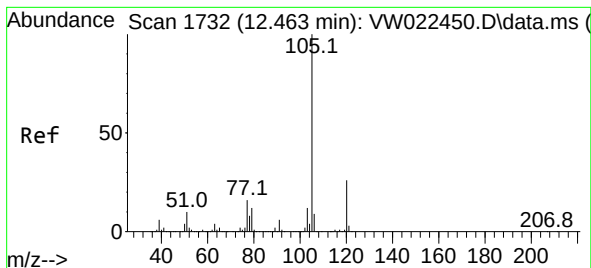
Ion Ratio Lower Upper

173 100

175 46.5 39.2 58.8

254 8.1 6.6 9.8





#60

Isopropylbenzene

Concen: 25.527 ug/L

RT: 12.463 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

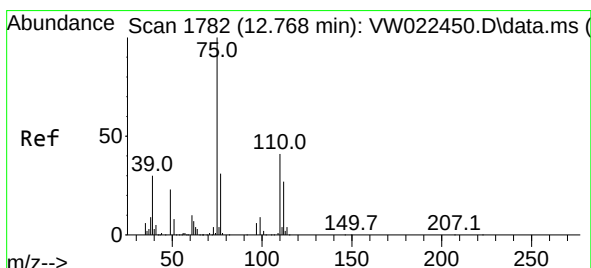
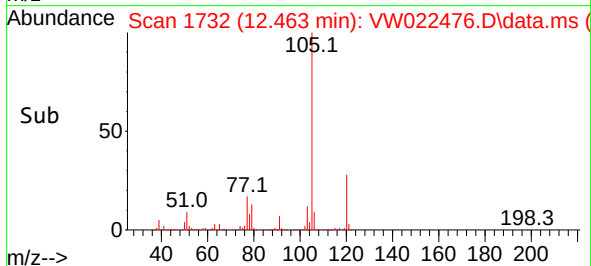
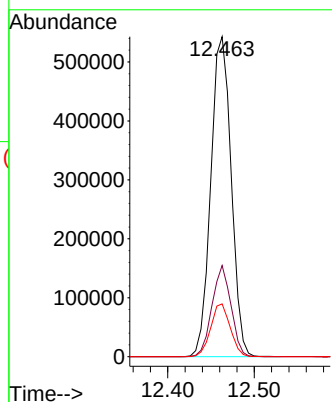
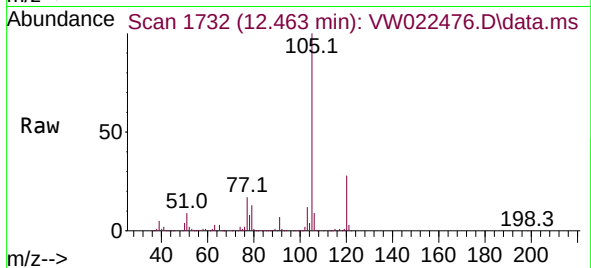
Tgt Ion:105 Resp: 887774

Ion Ratio Lower Upper

105 100

120 26.5 20.9 31.3

77 15.9 13.7 20.5



#61

1,2,3-Trichloropropane

Concen: 24.624 ug/L

RT: 12.768 min Scan# 1782

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

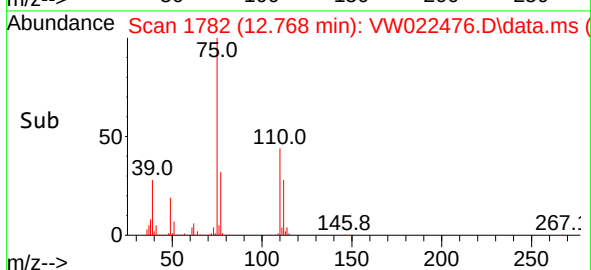
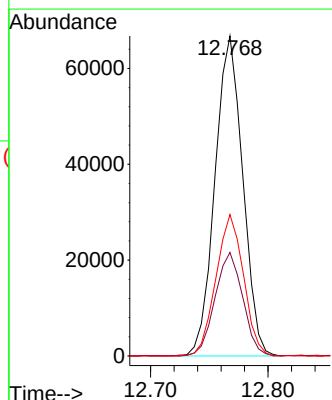
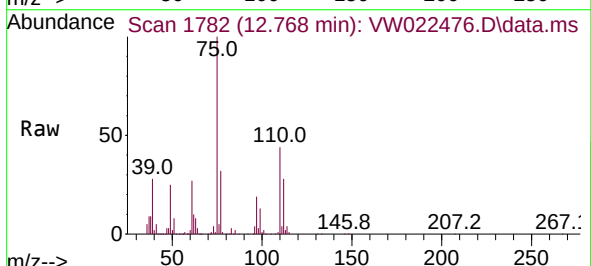
Tgt Ion: 75 Resp: 109663

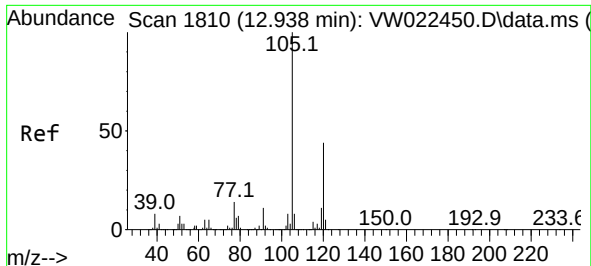
Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

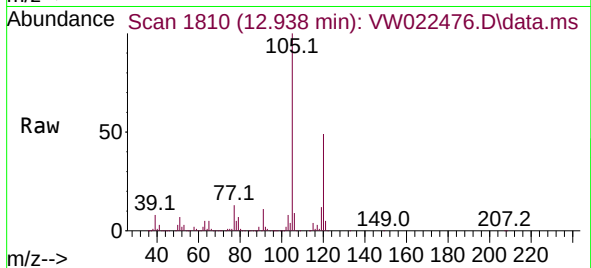
110 43.8 31.8 47.6



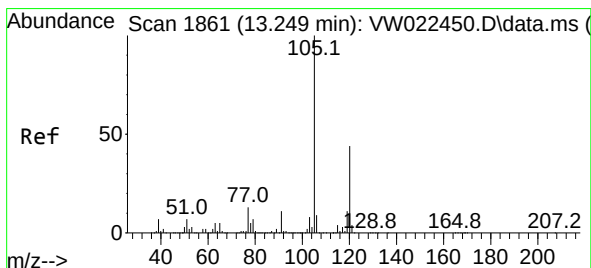
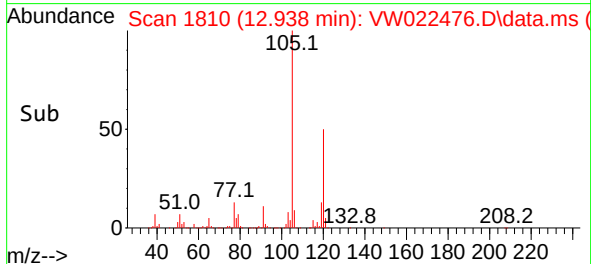
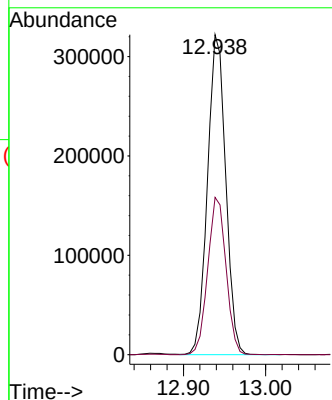


#62
1,3,5-Trimethylbenzene
Concen: 25.881 ug/L
RT: 12.938 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :

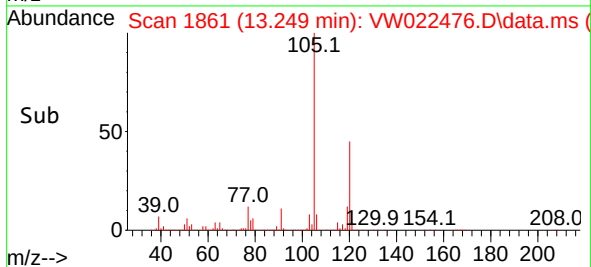
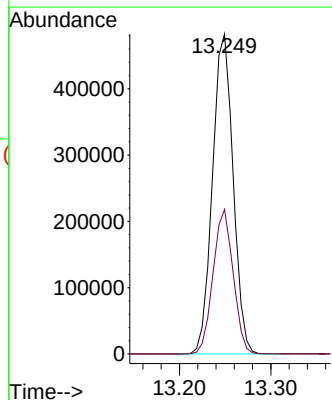
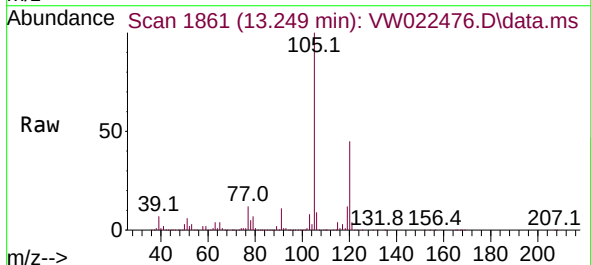


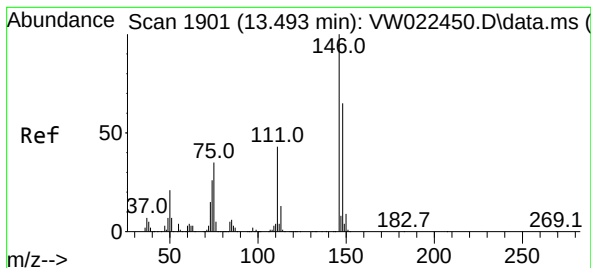
Tgt Ion:105 Resp: 494997
Ion Ratio Lower Upper
105 100
120 49.3 37.5 56.3



#63
1,2,4-Trimethylbenzene
Concen: 25.989 ug/L
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion:105 Resp: 755874
Ion Ratio Lower Upper
105 100
120 44.0 34.2 51.2





#64

1,3-Dichlorobenzene

Concen: 26.828 ug/L

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

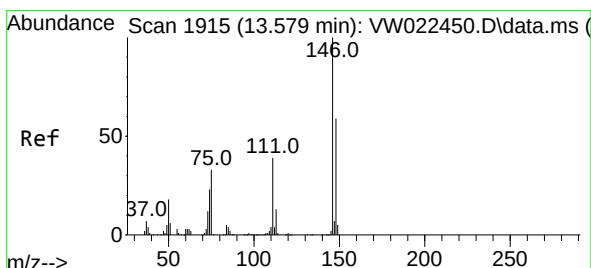
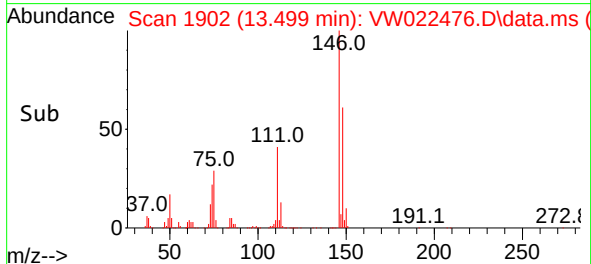
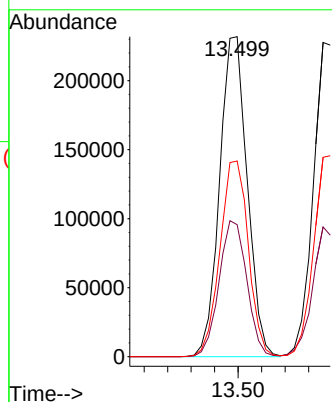
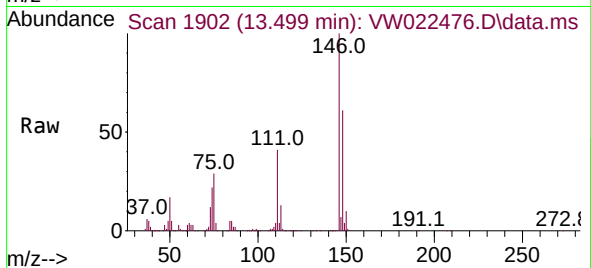
Tgt Ion:146 Resp: 378660

Ion Ratio Lower Upper

146 100

111 41.3 28.2 52.4

148 61.2 41.9 77.7



#65

1,4-Dichlorobenzene

Concen: 26.593 ug/L

RT: 13.572 min Scan# 1914

Delta R.T. -0.006 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

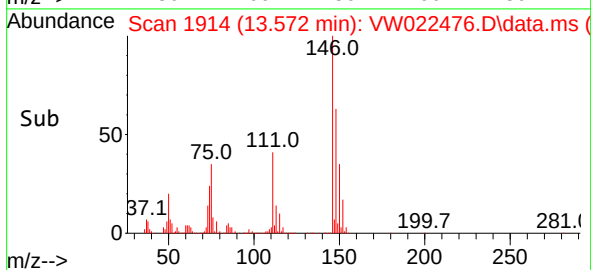
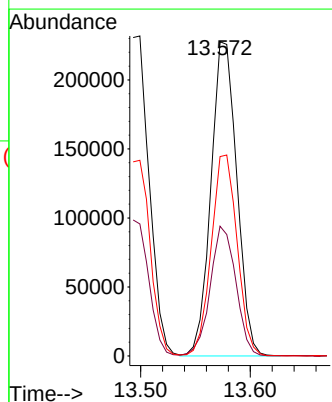
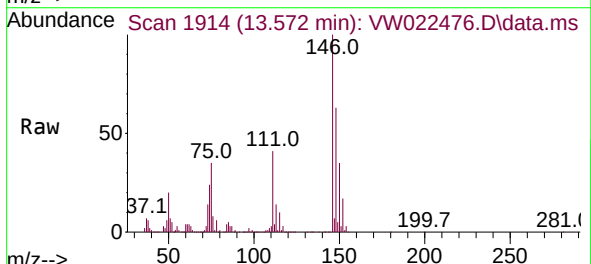
Tgt Ion:146 Resp: 374328

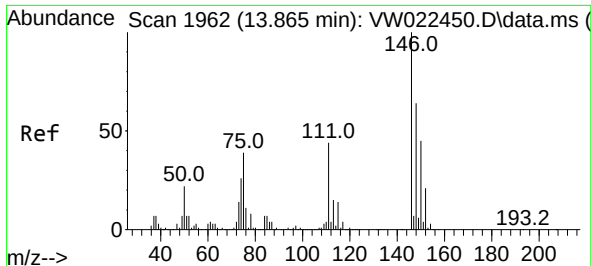
Ion Ratio Lower Upper

146 100

111 41.3 28.5 52.9

148 63.5 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 27.176 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :

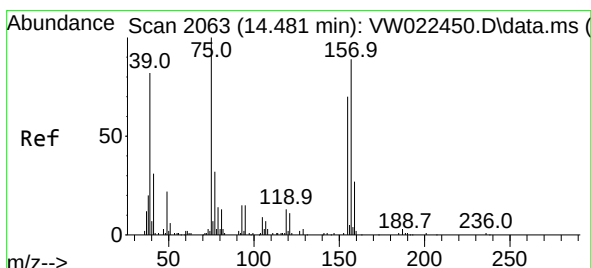
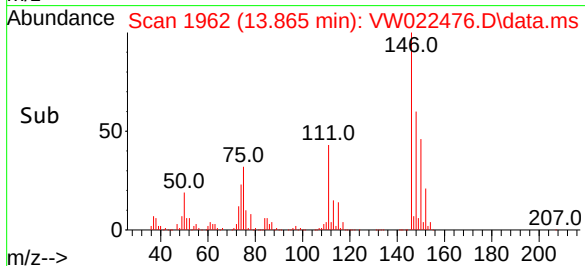
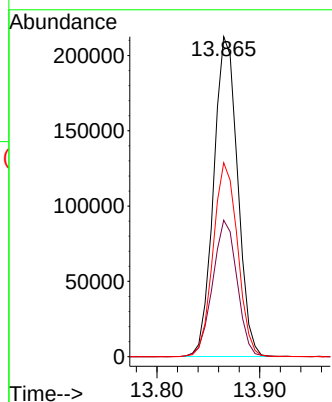
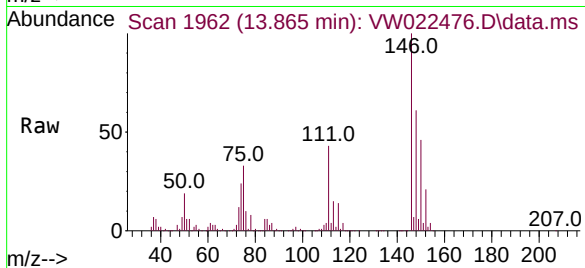
Tgt Ion:146 Resp: 343029

Ion Ratio Lower Upper

146 100

111 42.7 39.0 58.4

148 60.6 52.1 78.1



#68

1,2-Dibromo-3-chloropropane

Concen: 23.351 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

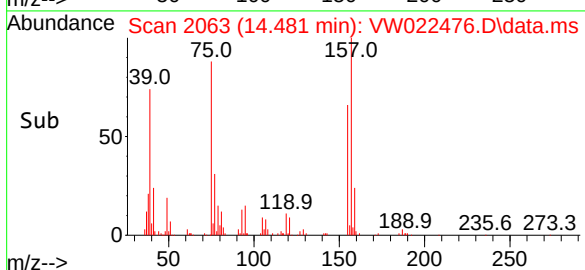
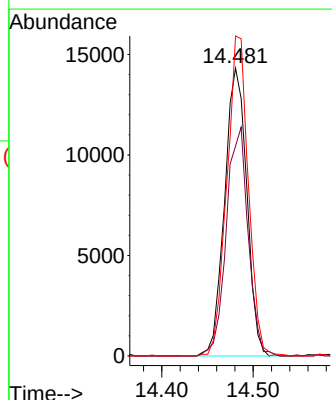
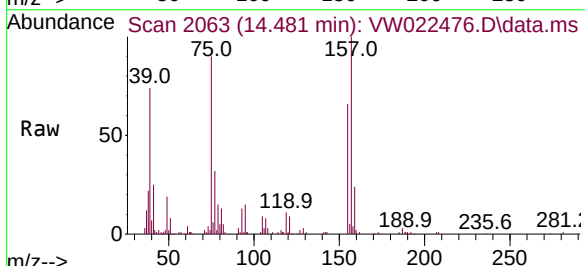
Tgt Ion: 75 Resp: 24118

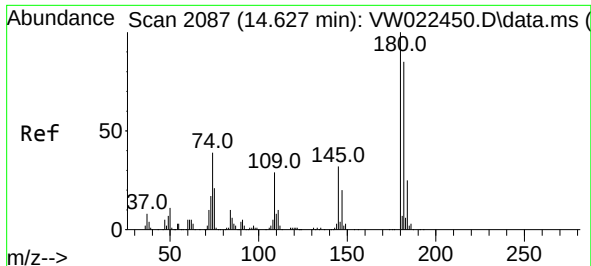
Ion Ratio Lower Upper

75 100

155 73.0 55.6 83.4

157 111.2 69.8 104.6#





#69

1,3,5-Trichlorobenzene

Concen: 28.283 ug/L

RT: 14.627 min Scan# 2087

Delta R.T. -0.000 min

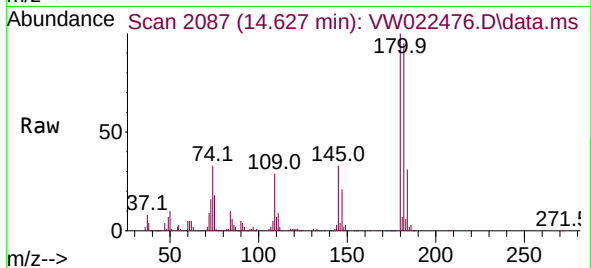
Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:180 Resp: 260458

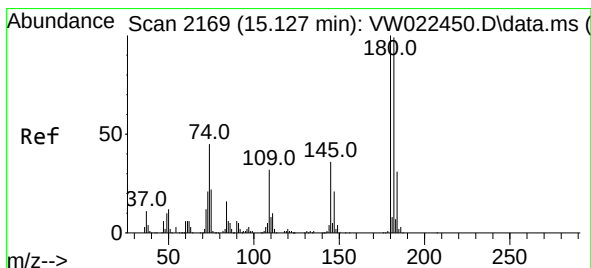
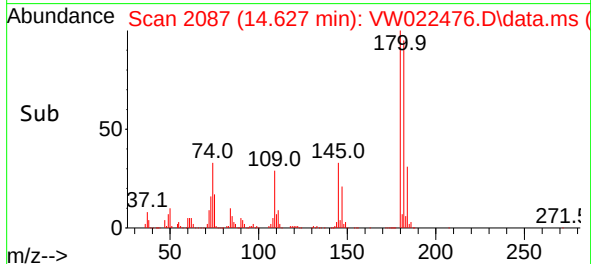
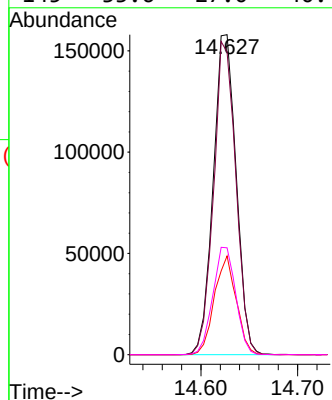
Ion Ratio Lower Upper

180 100

182 94.7 79.1 118.7

184 29.4 24.5 36.7

145 33.6 27.0 40.4



#70

1,2,4-trichlorobenzene

Concen: 27.440 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. -0.000 min

Lab File: VW022476.D

Acq: 11 Apr 2022 11:08

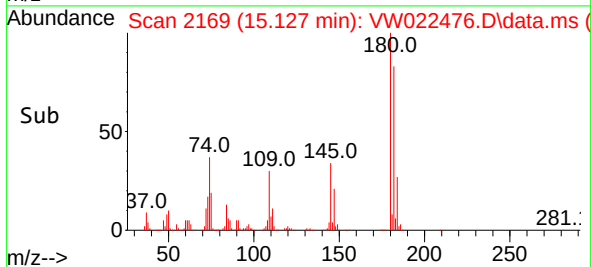
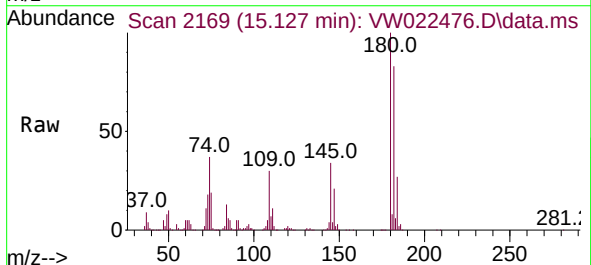
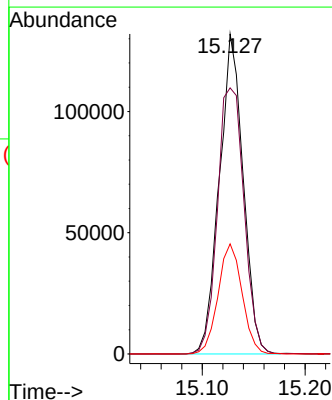
Tgt Ion:180 Resp: 212220

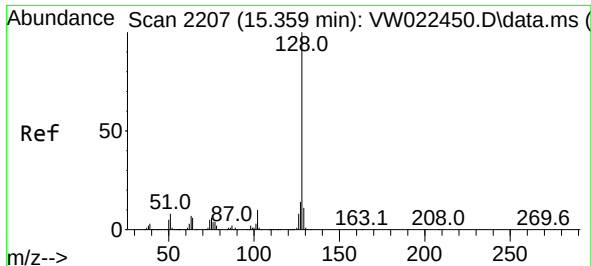
Ion Ratio Lower Upper

180 100

182 92.8 72.8 109.2

145 34.7 25.5 38.3

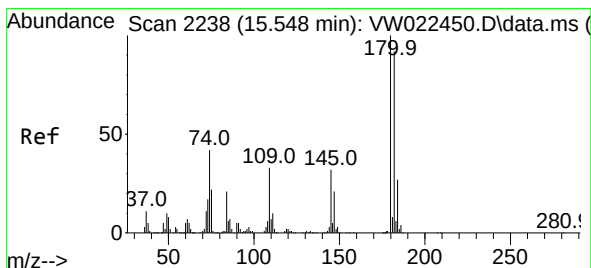
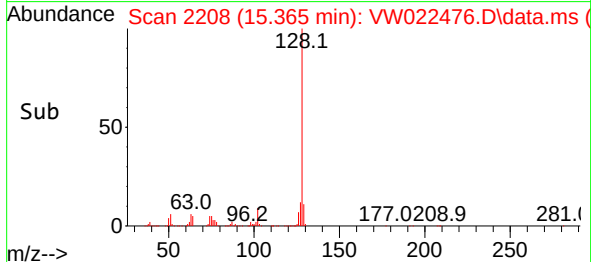
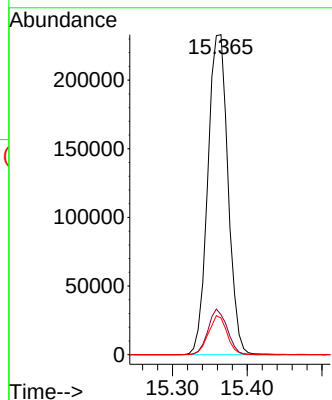
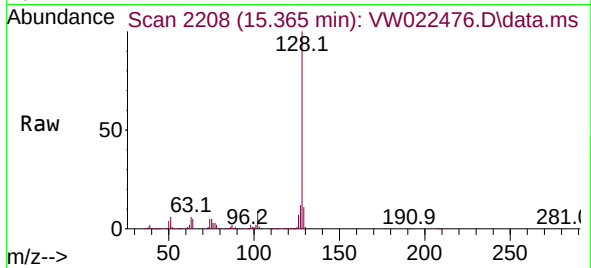




#71
Naphthalene
Concen: 26.879 ug/L
RT: 15.365 min Scan# 2207
Delta R.T. 0.006 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Instrument :
MSVOA_W
ClientSampleId :

Tgt Ion:128 Resp: 438457
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.2 8.5 12.7



#72
1,2,3-Trichlorobenzene
Concen: 27.367 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.000 min
Lab File: VW022476.D
Acq: 11 Apr 2022 11:08

Tgt Ion:180 Resp: 180917
Ion Ratio Lower Upper
180 100
182 95.7 73.4 110.0
145 35.8 27.0 40.6

