

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022009.D
 Acq On : 01 Feb 2022 15:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Feb 02 00:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	159450	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	140616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	77539	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	48820	25.419	ug/L	0.00
7) Chloroethane-d5	2.885	69	37108	25.096	ug/L	0.00
11) 1,1-Dichloroethene-d2	4.019	63	84897	25.018	ug/L	0.00
21) 2-Butanone-d5	7.080	46	17051	50.560	ug/L	0.00
24) Chloroform-d	7.647	84	91116	24.561	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.305	65	44296	24.000	ug/L	0.00
32) Benzene-d6	8.275	84	179671	25.285	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.275	67	48174	24.924	ug/L	0.00
41) Toluene-d8	10.323	98	181677	25.797	ug/L	0.00
43) trans-1,3-Dichloroprop...	10.573	79	21519	25.421	ug/L	0.00
47) 2-Hexanone-d5	10.921	63	15741	56.016	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	12.689	84	39810	25.253	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	13.847	152	67640	24.181	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.008	85	8737	23.147	ug/L	100
3) Chloromethane	2.215	50	40553	24.201	ug/L	100
5) Vinyl chloride	2.361	62	57308	23.811	ug/L	100
6) Bromomethane	2.782	94	43894	21.448	ug/L	100
8) Chloroethane	2.922	64	30055	24.302	ug/L	100
9) Trichlorofluoromethane	3.263	101	43592	23.992	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	46165	23.981	ug/L	100
12) 1,1-Dichloroethene	4.038	96	43930	24.728	ug/L	100
13) Acetone	4.141	43	18649	58.369	ug/L	99
14) Carbon disulfide	4.385	76	129542	24.999	ug/L	100
15) Methyl Acetate	4.672	43	14471	24.873	ug/L	100
16) Methylene chloride	4.916	84	42864	23.070	ug/L	100
17) trans-1,2-Dichloroethene	5.428	96	49386	24.930	ug/L	100
18) Methyl tert-butyl Ether	5.428	73	63459	24.982	ug/L	100
19) 1,1-Dichloroethane	6.214	63	76597	24.955	ug/L	100
20) cis-1,2-Dichloroethene	7.171	96	50171	24.679	ug/L	100
22) 2-Butanone	7.171	43	22756	55.308	ug/L	100
23) Bromochloromethane	7.513	128	24061	24.036	ug/L	100
25) Chloroform	7.677	83	85702	24.668	ug/L	100
27) 1,2-Dichloroethane	8.397	62	50253	24.530	ug/L	100
29) Cyclohexane	7.958	56	71636	25.952	ug/L	100
30) 1,1,1-Trichloroethane	7.872	97	78046	25.080	ug/L	100
31) Carbon tetrachloride	8.067	117	77572	25.467	ug/L	100
33) Benzene	8.324	78	183297	24.862	ug/L	100
34) Trichloroethene	9.092	95	53059	25.313	ug/L	100
35) Methylcyclohexane	9.336	83	90304	25.536	ug/L	100
37) 1,2-Dichloropropane	9.366	63	40789	25.190	ug/L	100
38) Bromodichloromethane	9.646	83	58226	25.179	ug/L	100
39) cis-1,3-Dichloropropene	10.073	75	67823	26.115	ug/L	100
40) 4-Methyl-2-pentanone	10.207	43	42275	53.212	ug/L	100
42) Toluene	10.384	91	213849	25.589	ug/L	100
44) trans-1,3-Dichloropropene	10.604	75	59463	26.559	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022009.D
 Acq On : 01 Feb 2022 15:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Feb 02 00:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

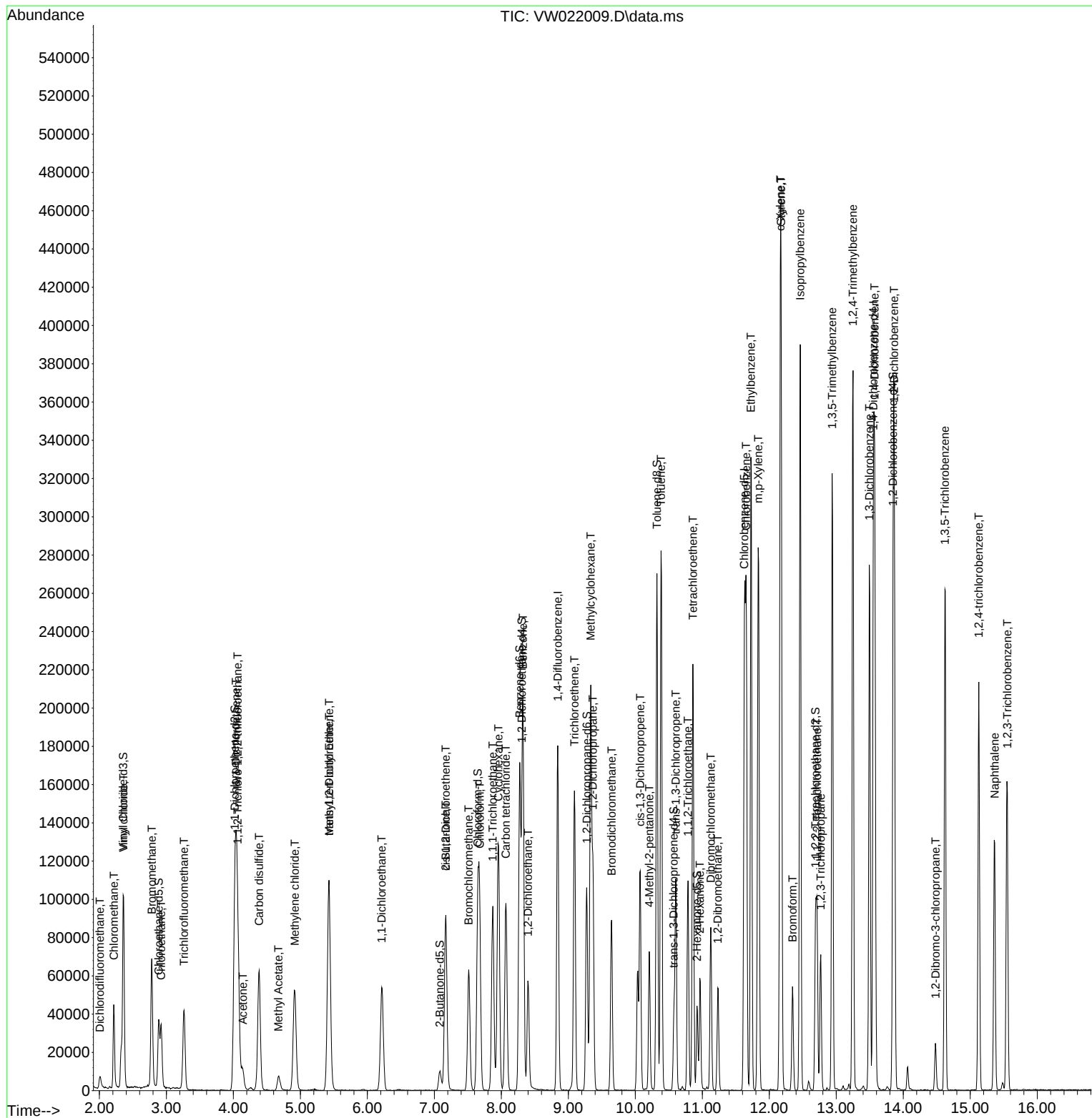
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	10.787	97	34590	25.133	ug/L	100
46) Tetrachloroethene	10.860	164	49102	25.131	ug/L	100
48) 2-Hexanone	10.963	43	34218	57.888	ug/L	100
49) Dibromochloromethane	11.128	129	44468	25.658	ug/L	100
50) 1,2-Dibromoethane	11.232	107	35893	26.341	ug/L	100
51) Chlorobenzene	11.652	112	143467	25.224	ug/L	100
52) Ethylbenzene	11.725	91	235806	25.573	ug/L	100
53) m,p-Xylene	11.835	106	97045	25.367	ug/L	100
54) o-Xylene	12.164	106	91479	25.562	ug/L	100
55) Styrene	12.176	104	149996	25.948	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.713	83	39268	26.212	ug/L	100
59) Bromoform	12.347	173	24234	23.664	ug/L	100
60) Isopropylbenzene	12.463	105	252938	24.968	ug/L	100
61) 1,2,3-Trichloropropane	12.768	75	27603	24.436	ug/L	100
62) 1,3,5-Trimethylbenzene	12.939	105	172709	25.705	ug/L	100
63) 1,2,4-Trimethylbenzene	13.249	105	211045	25.782	ug/L	100
64) 1,3-Dichlorobenzene	13.493	146	117538	24.216	ug/L	100
65) 1,4-Dichlorobenzene	13.573	146	116015	23.879	ug/L	100
67) 1,2-Dichlorobenzene	13.865	146	103812	24.065	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.481	75	5788	25.185	ug/L	100
69) 1,3,5-Trichlorobenzene	14.621	180	84588	24.240	ug/L	100
70) 1,2,4-trichlorobenzene	15.127	180	67201	24.244	ug/L	100
71) Naphthalene	15.365	128	117457	25.972	ug/L	100
72) 1,2,3-Trichlorobenzene	15.554	180	56873	24.005	ug/L	100

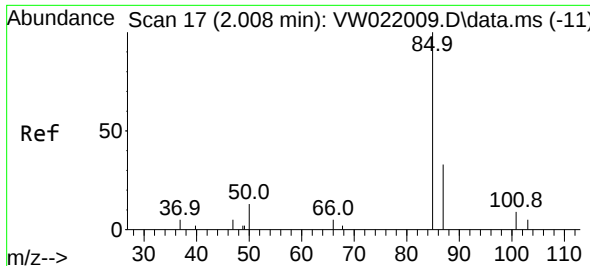
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW020122\
 Data File : VW022009.D
 Acq On : 01 Feb 2022 15:31
 Operator : SY/VA
 Sample : VSTD02552
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

Quant Time: Feb 02 00:24:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Feb 02 00:22:49 2022
 Response via : Initial Calibration

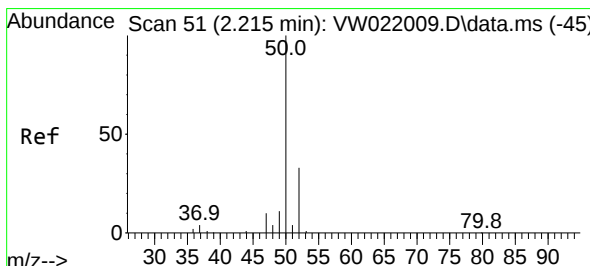
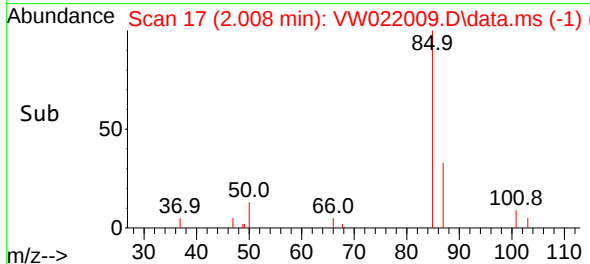
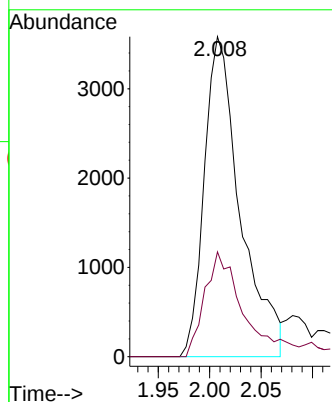
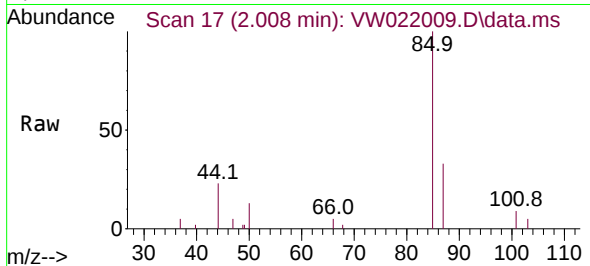




#2
 Dichlorodifluoromethane
 Concen: 23.147 ug/L
 RT: 2.008 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VW022009.D
 Acq: 01 Feb 2022 15:31

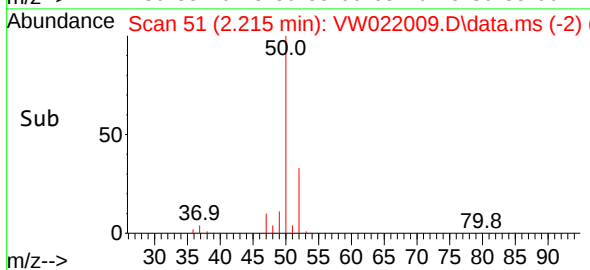
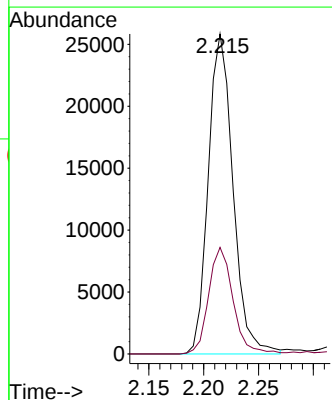
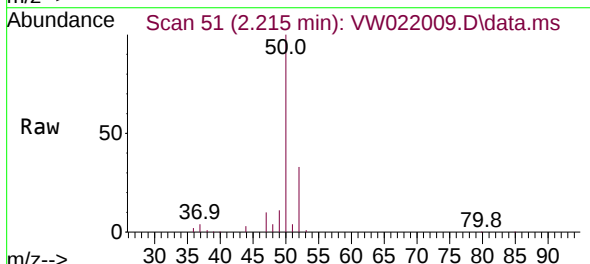
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

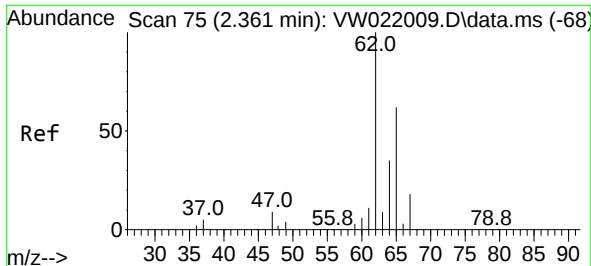
Tgt Ion: 85 Resp: 8737
 Ion Ratio Lower Upper
 85 100
 87 32.8 26.2 39.4



#3
 Chloromethane
 Concen: 24.201 ug/L
 RT: 2.215 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VW022009.D
 Acq: 01 Feb 2022 15:31

Tgt Ion: 50 Resp: 40553
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.3 43.3

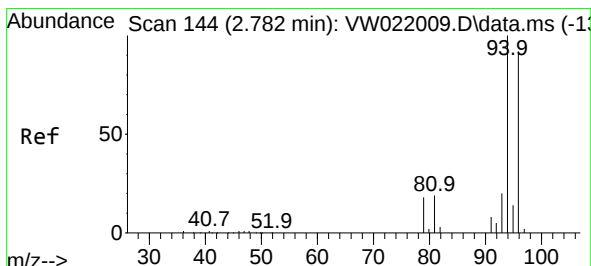
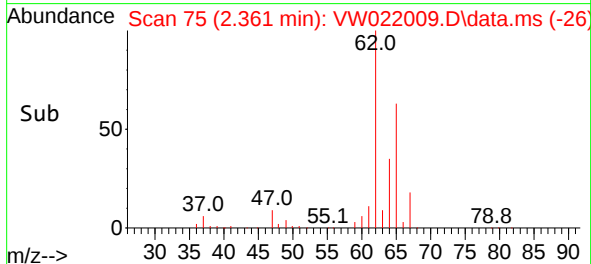
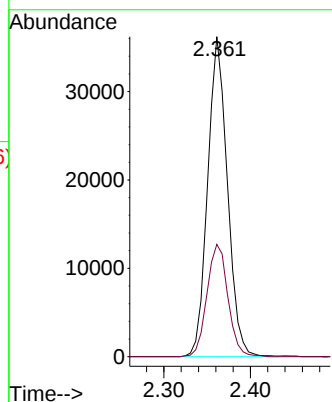
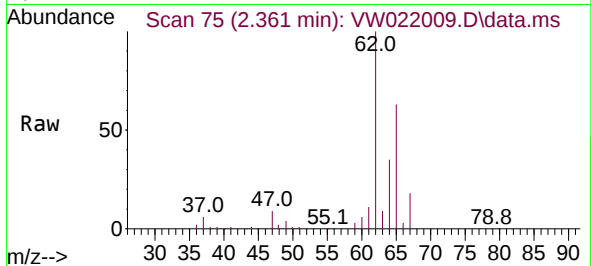




#5
 Vinyl chloride
 Concen: 23.811 ug/L
 RT: 2.361 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VW022009.D
 Acq: 01 Feb 2022 15:31

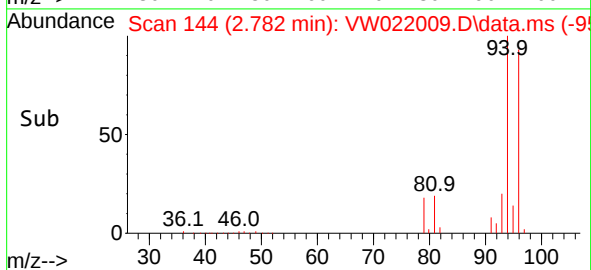
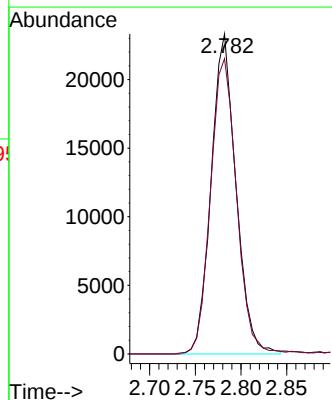
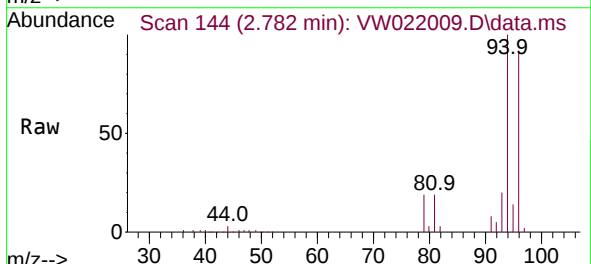
Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD025452

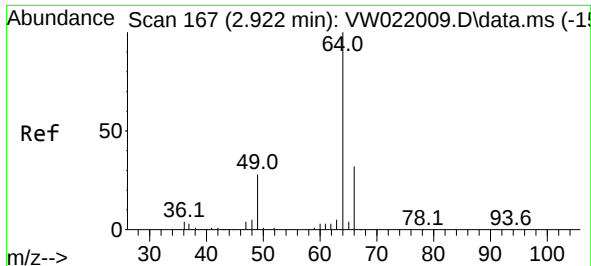
Tgt Ion: 62 Resp: 57308
 Ion Ratio Lower Upper
 62 100
 64 35.1 24.6 45.6



#6
 Bromomethane
 Concen: 21.448 ug/L
 RT: 2.782 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VW022009.D
 Acq: 01 Feb 2022 15:31

Tgt Ion: 94 Resp: 43894
 Ion Ratio Lower Upper
 94 100
 96 92.3 64.6 120.0





#8

Chloroethane

Concen: 24.302 ug/L

RT: 2.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

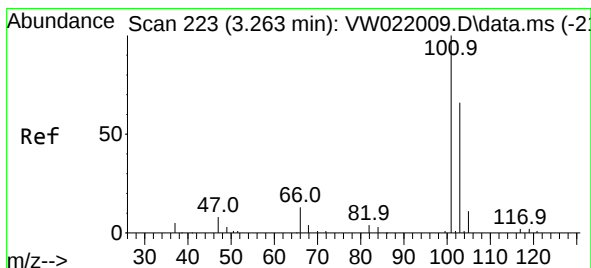
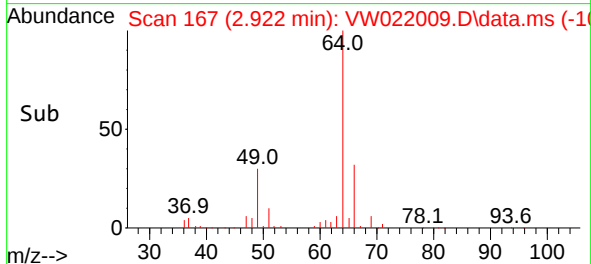
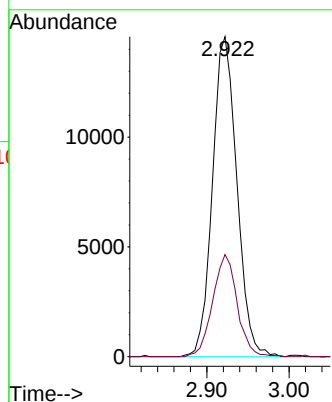
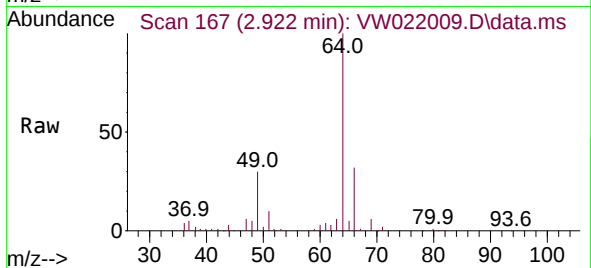
VSTD025452

Tgt Ion: 64 Resp: 30055

Ion Ratio Lower Upper

64 100

66 31.9 22.3 41.5



#9

Trichlorofluoromethane

Concen: 23.992 ug/L

RT: 3.263 min Scan# 223

Delta R.T. 0.000 min

Lab File: VW022009.D

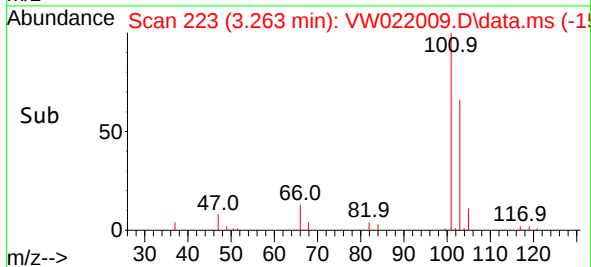
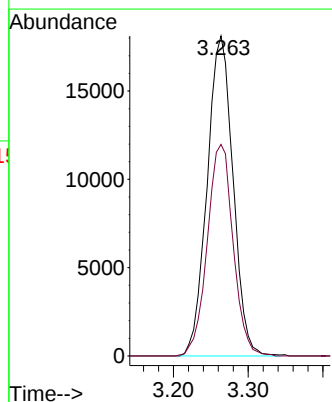
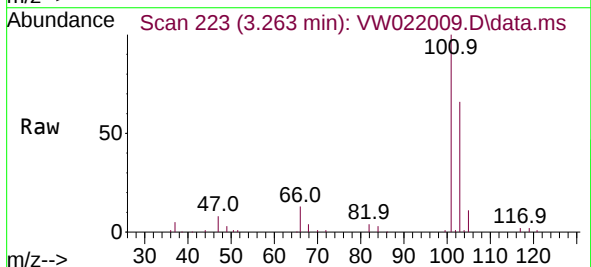
Acq: 01 Feb 2022 15:31

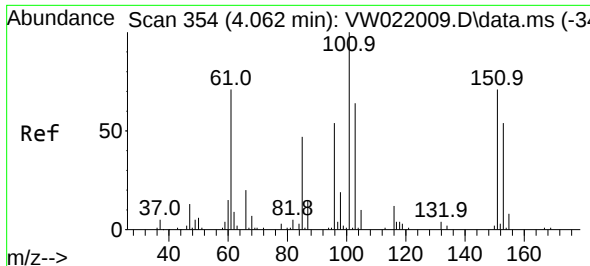
Tgt Ion: 101 Resp: 43592

Ion Ratio Lower Upper

101 100

103 66.1 52.9 79.3





#10

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

Concen: 23.981 ug/L

RT: 4.062 min Scan# 354

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

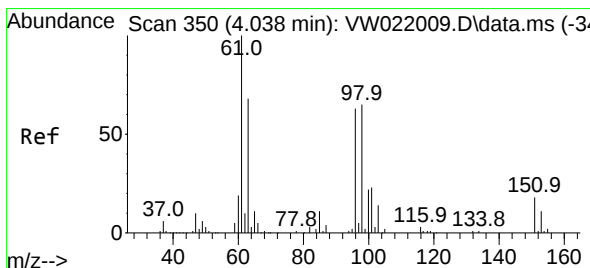
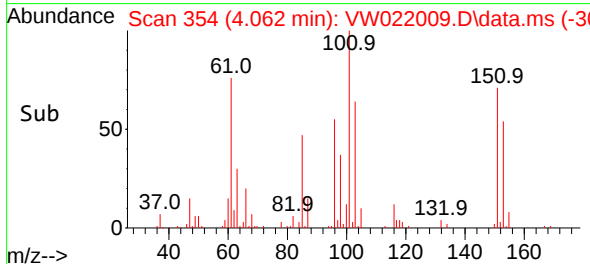
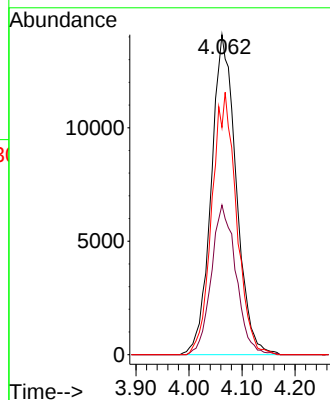
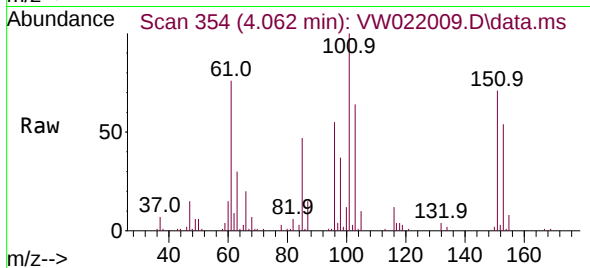
Tgt Ion:101 Resp: 46165

Ion Ratio Lower Upper

101 100

85 46.0 36.8 55.2

151 80.1 64.1 96.1



#12

1,1-Dichloroethene

Concen: 24.728 ug/L

RT: 4.038 min Scan# 350

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

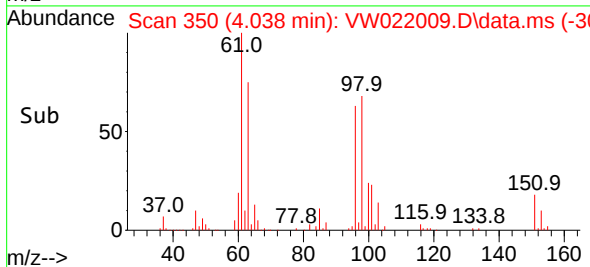
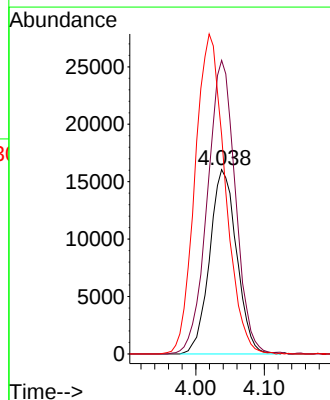
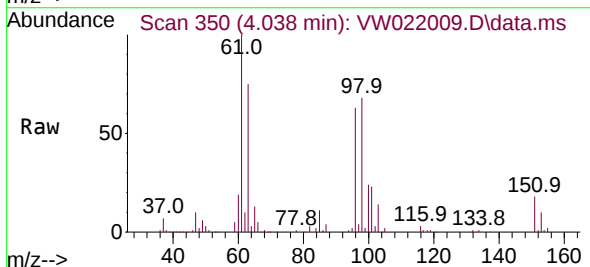
Tgt Ion: 96 Resp: 43930

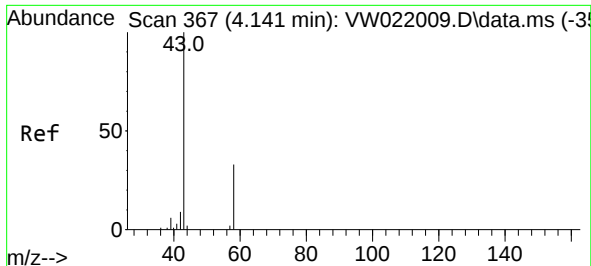
Ion Ratio Lower Upper

96 100

61 159.3 111.5 207.1

63 118.7 83.1 154.3





#13

Acetone

Concen: 58.369 ug/L

RT: 4.141 min Scan# 367

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

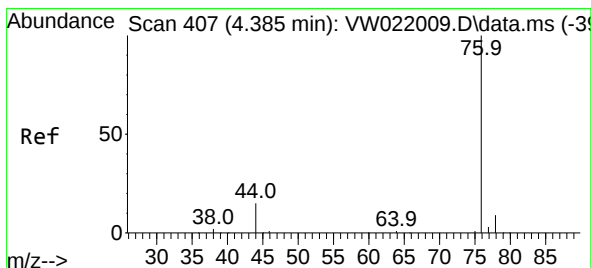
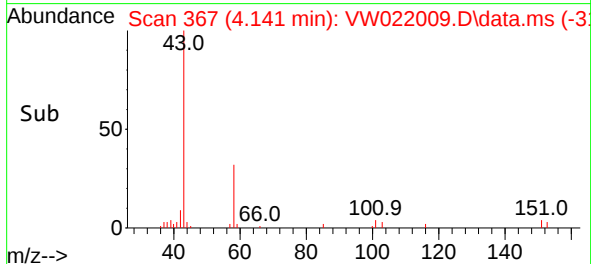
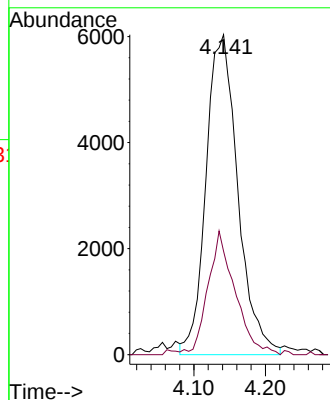
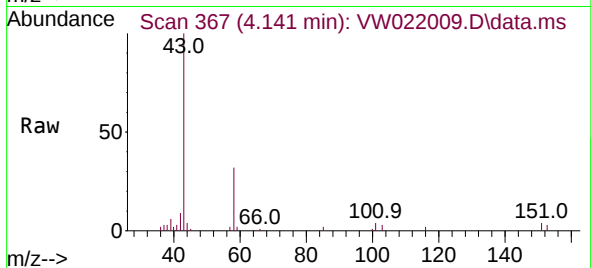
VSTD025452

Tgt Ion: 43 Resp: 18649

Ion Ratio Lower Upper

43 100

58 32.6 0.0 66.0



#14

Carbon disulfide

Concen: 24.999 ug/L

RT: 4.385 min Scan# 407

Delta R.T. 0.000 min

Lab File: VW022009.D

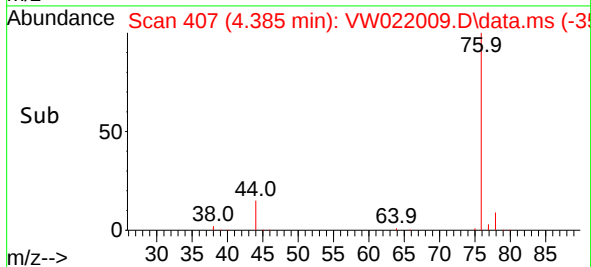
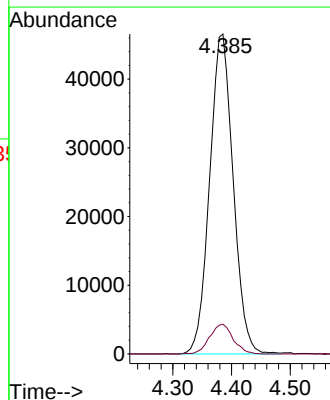
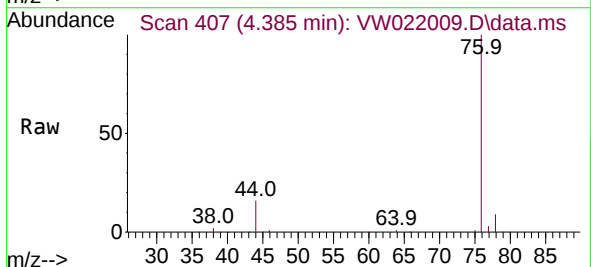
Acq: 01 Feb 2022 15:31

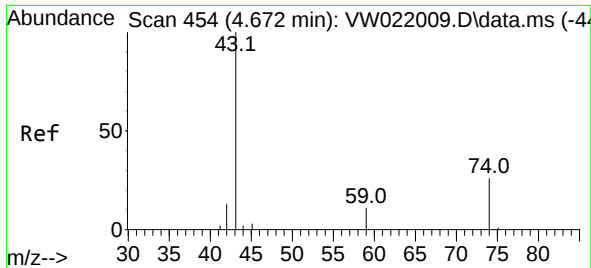
Tgt Ion: 76 Resp: 129542

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2

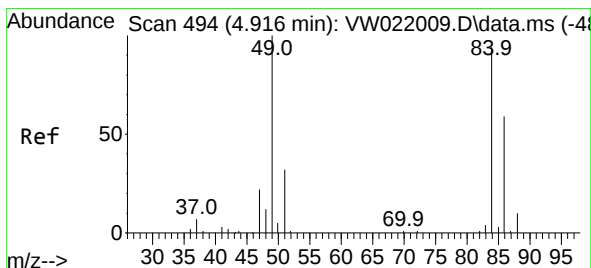
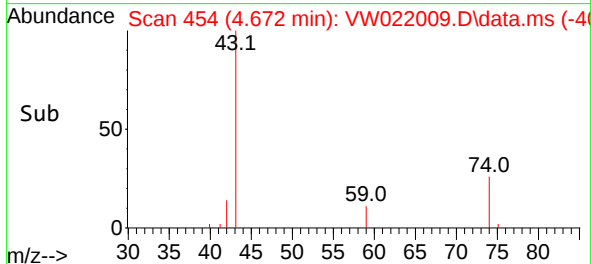
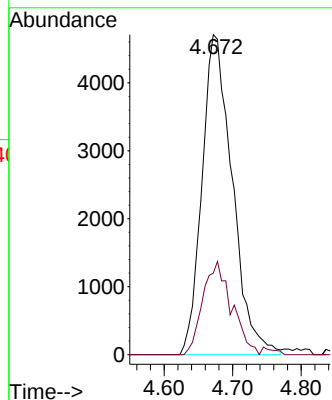
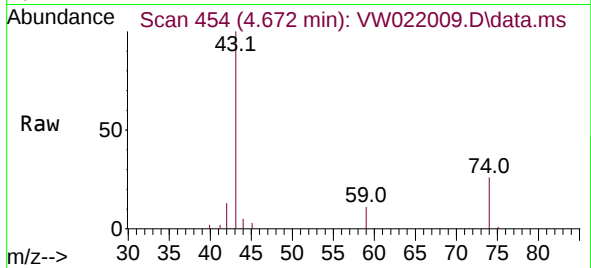




#15
Methyl Acetate
Concen: 24.873 ug/L
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

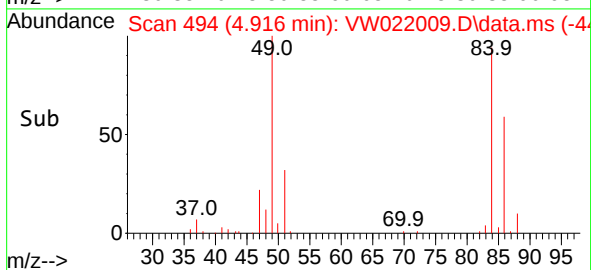
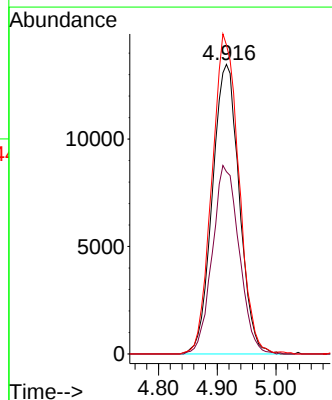
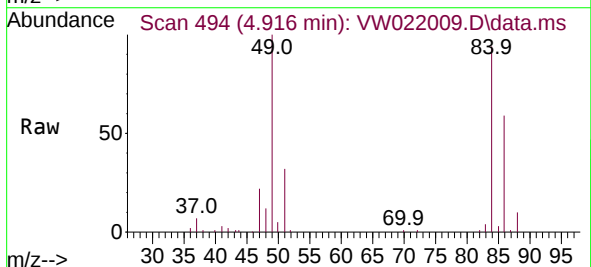
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

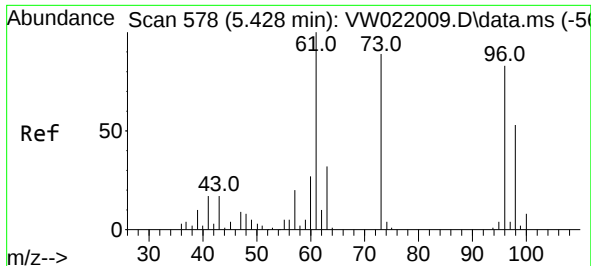
Tgt Ion: 43 Resp: 14471
Ion Ratio Lower Upper
43 100
74 22.5 18.0 27.0



#16
Methylene chloride
Concen: 23.070 ug/L
RT: 4.916 min Scan# 494
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 84 Resp: 42864
Ion Ratio Lower Upper
84 100
86 63.0 44.1 81.9
49 106.7 74.7 138.7





#17

trans-1,2-Dichloroethene

Concen: 24.930 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

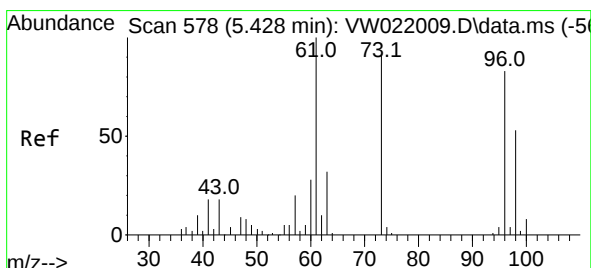
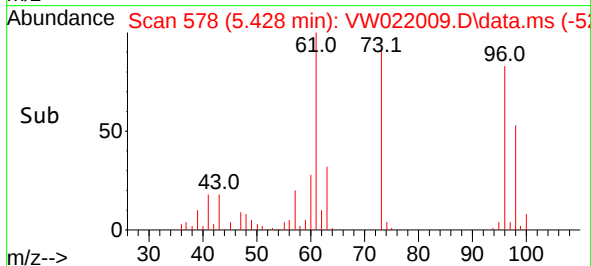
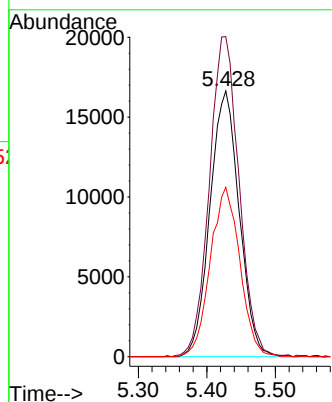
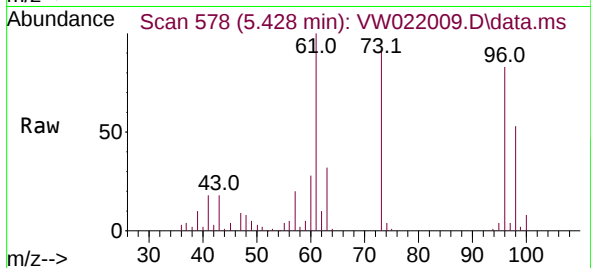
Tgt Ion: 96 Resp: 49386

Ion Ratio Lower Upper

96 100

61 120.4 84.3 156.5

98 63.7 44.6 82.8



#18

Methyl tert-butyl Ether

Concen: 24.982 ug/L

RT: 5.428 min Scan# 578

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

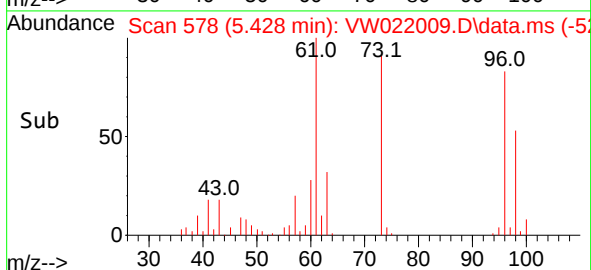
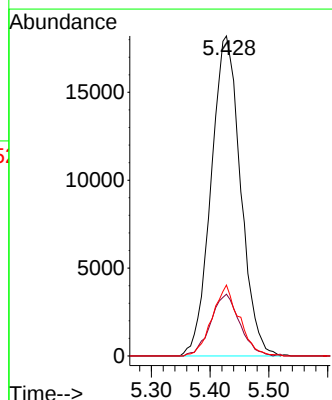
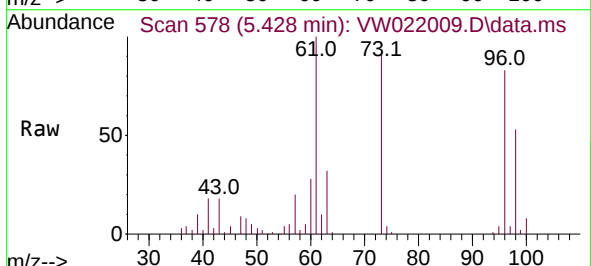
Tgt Ion: 73 Resp: 63459

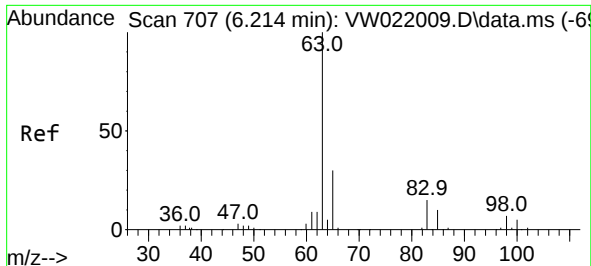
Ion Ratio Lower Upper

73 100

43 19.1 15.3 22.9

57 20.4 16.3 24.5





#19

1,1-Dichloroethane

Concen: 24.955 ug/L

RT: 6.214 min Scan# 707

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

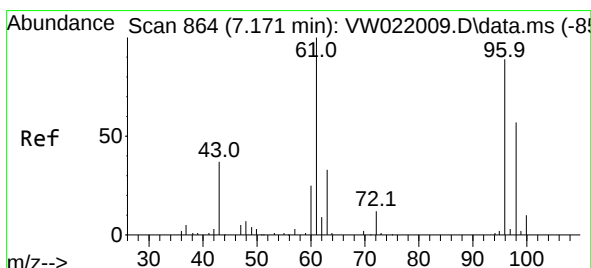
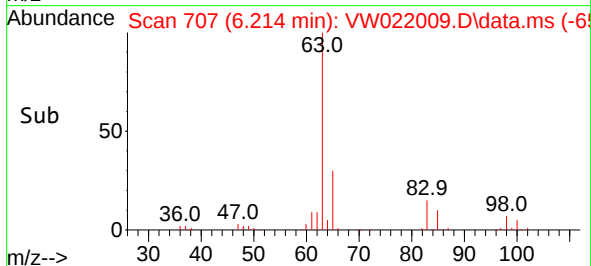
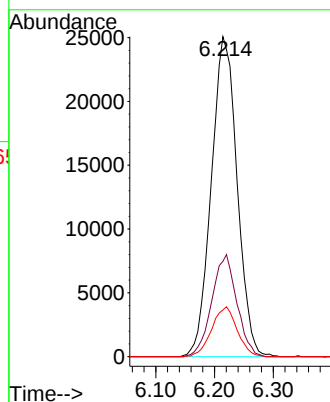
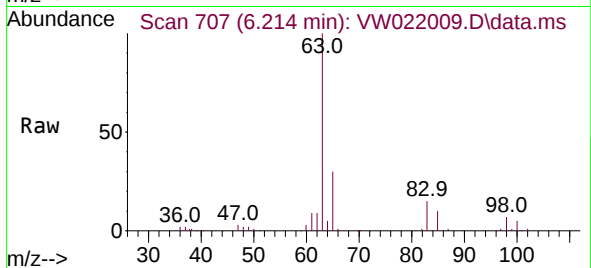
Tgt Ion: 63 Resp: 76597

Ion Ratio Lower Upper

63 100

65 29.8 20.9 38.7

83 14.6 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 24.679 ug/L

RT: 7.171 min Scan# 864

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

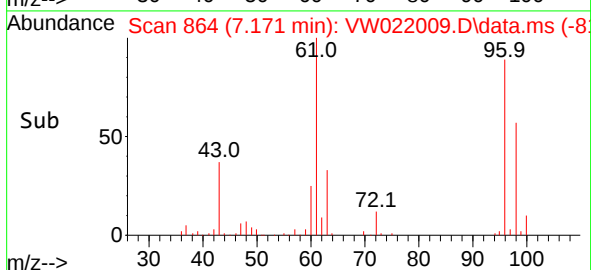
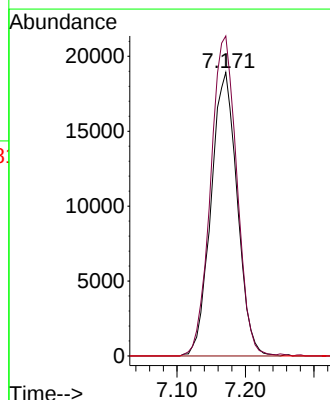
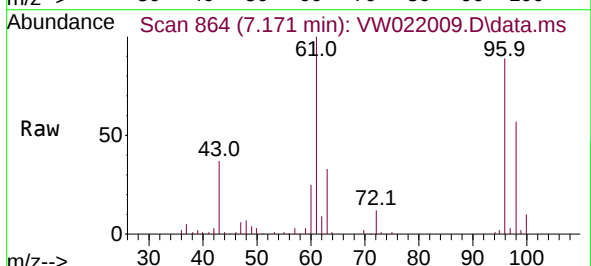
Tgt Ion: 96 Resp: 50171

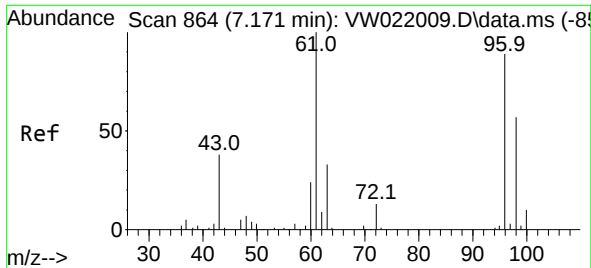
Ion Ratio Lower Upper

96 100

61 112.9 79.0 146.8

68 0.0 0.0 0.0

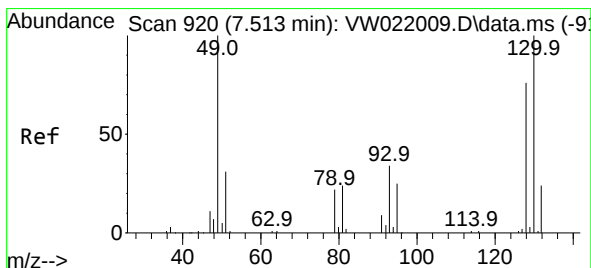
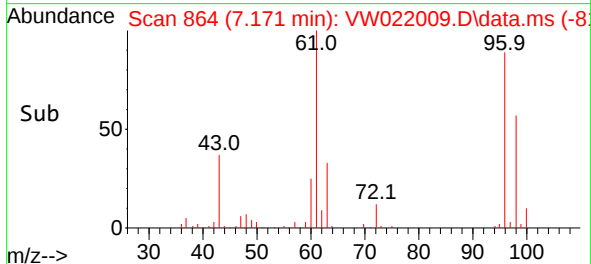
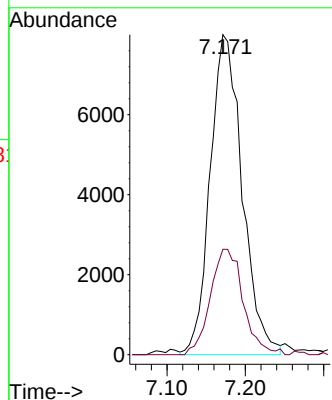
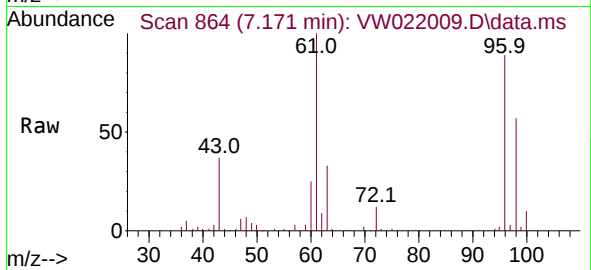




#22
2-Butanone
Concen: 55.308 ug/L
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

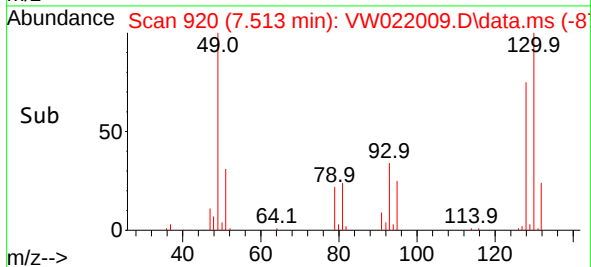
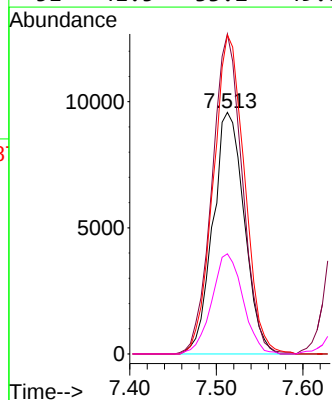
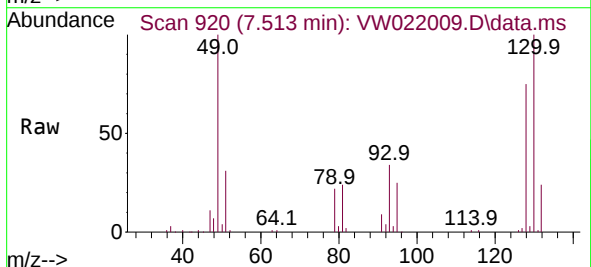
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

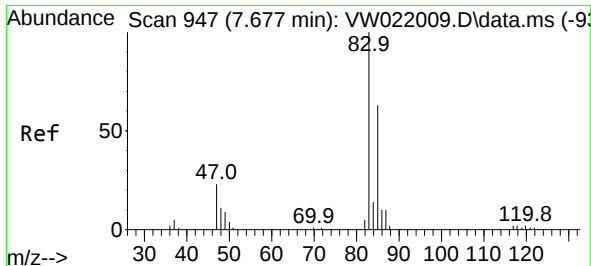
Tgt Ion: 43 Resp: 22756
Ion Ratio Lower Upper
43 100
72 33.5 16.8 50.4



#23
Bromochloromethane
Concen: 24.036 ug/L
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 128 Resp: 24061
Ion Ratio Lower Upper
128 100
49 132.5 92.7 172.3
130 132.1 92.5 171.7
51 41.5 33.2 49.8

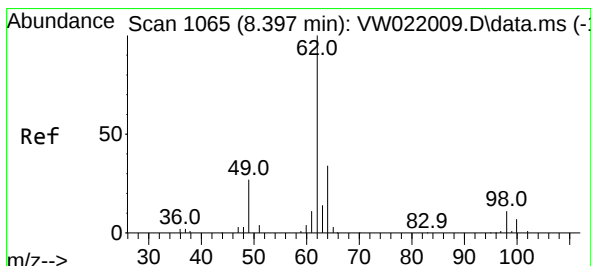
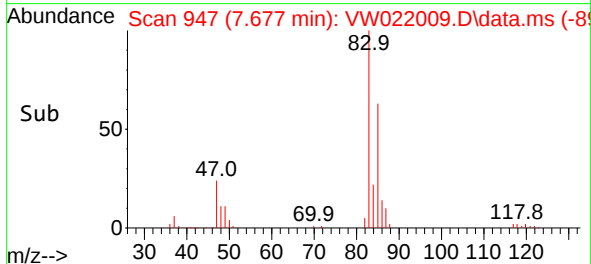
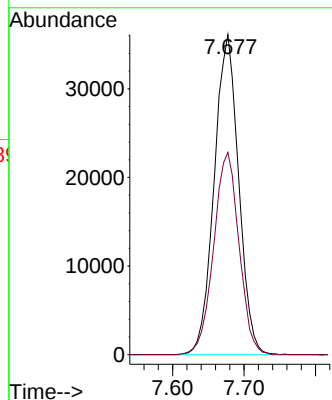
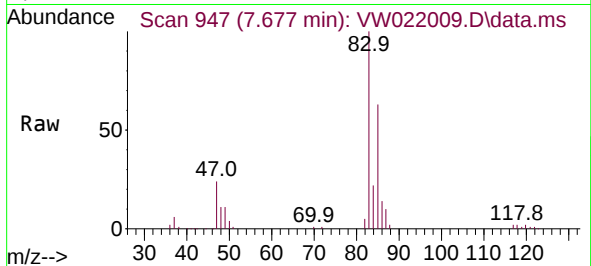




#25
Chloroform
Concen: 24.668 ug/L
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

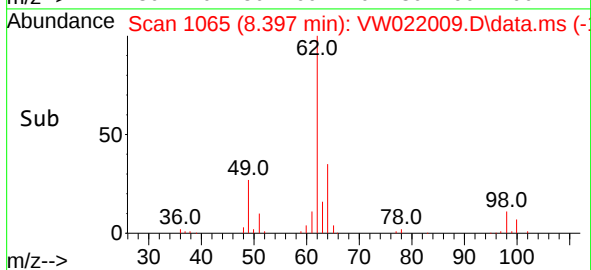
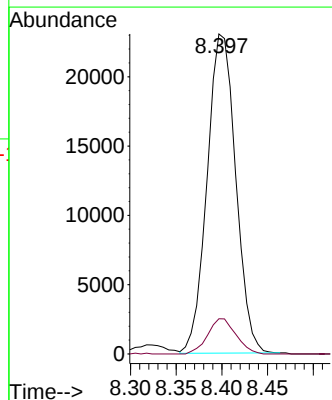
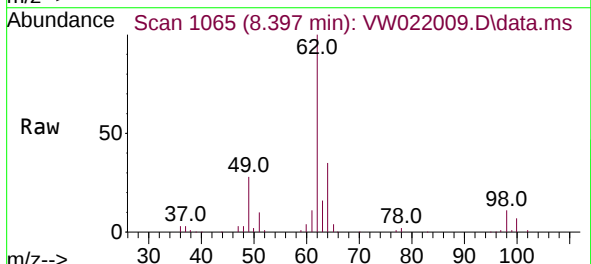
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

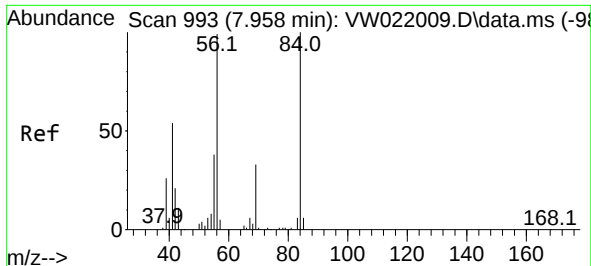
Tgt Ion: 83 Resp: 85702
Ion Ratio Lower Upper
83 100
85 63.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 24.530 ug/L
RT: 8.397 min Scan# 1065
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

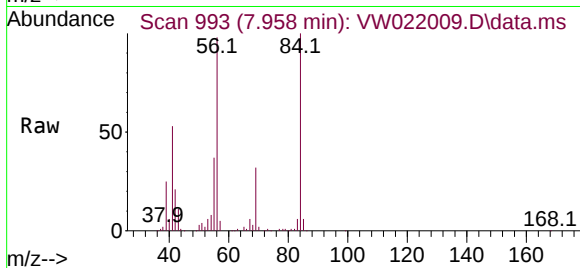
Tgt Ion: 62 Resp: 50253
Ion Ratio Lower Upper
62 100
98 11.0 8.8 13.2



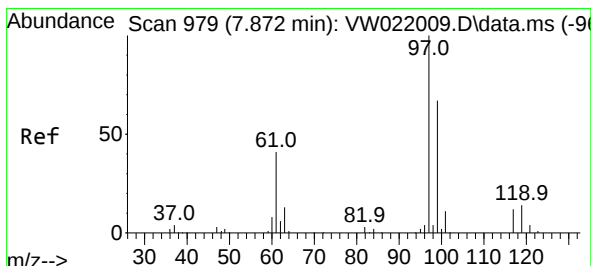
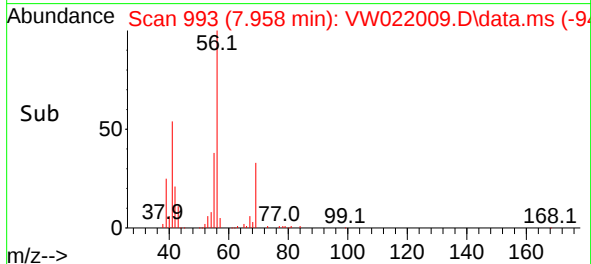
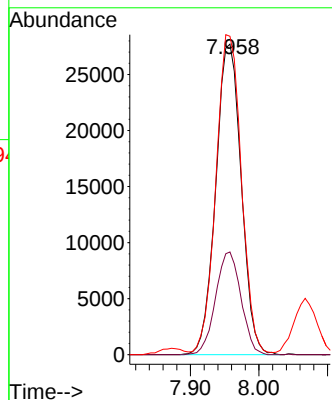


#29
Cyclohexane
Concen: 25.952 ug/L
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

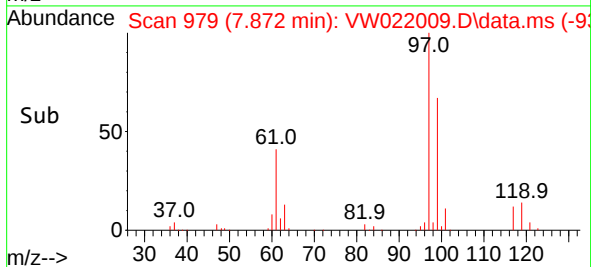
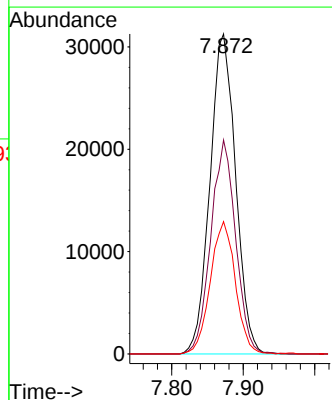
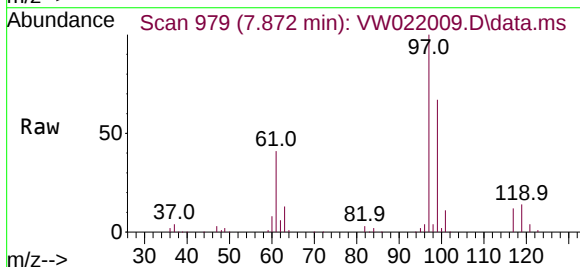


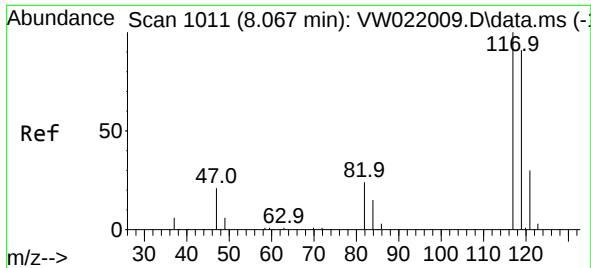
Tgt Ion:	56	Resp:	71636
Ion Ratio	Lower	Upper	
56	100		
69	32.9	26.3	39.5
84	102.9	82.3	123.5



#30
1,1,1-Trichloroethane
Concen: 25.080 ug/L
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:	97	Resp:	78046
Ion Ratio	Lower	Upper	
97	100		
99	64.5	51.6	77.4
61	40.4	32.3	48.5

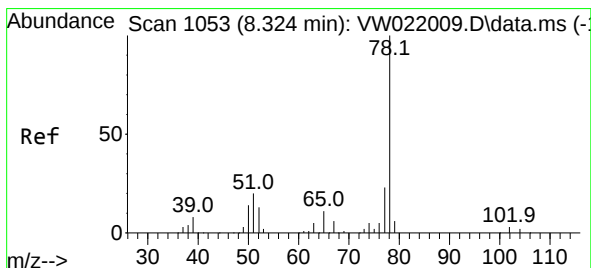
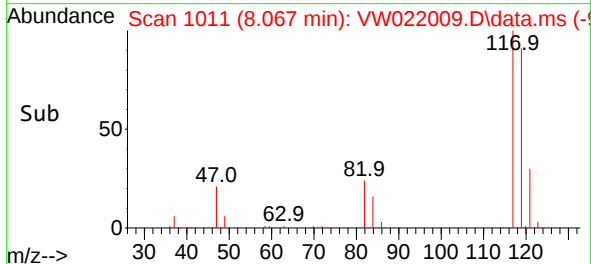
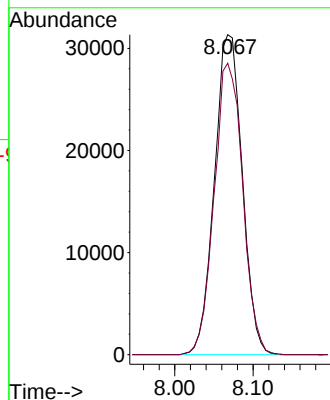
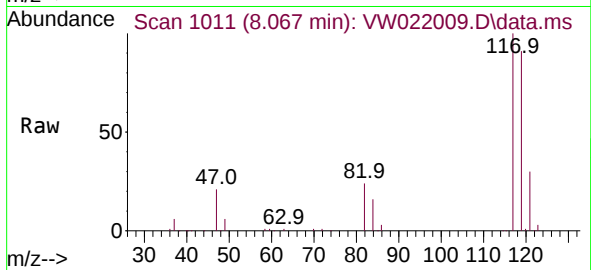




#31
Carbon tetrachloride
Concen: 25.467 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

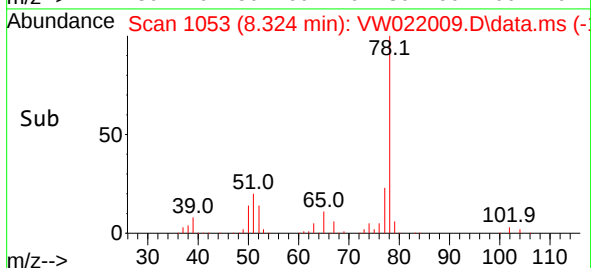
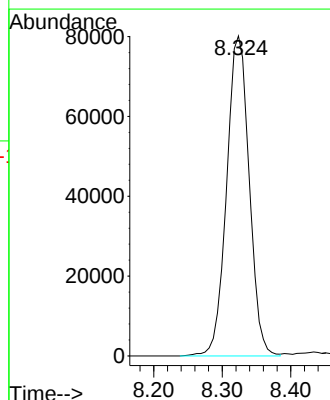
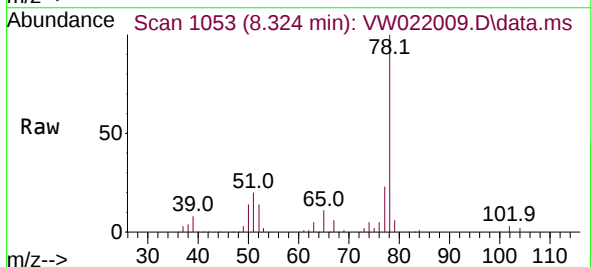
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

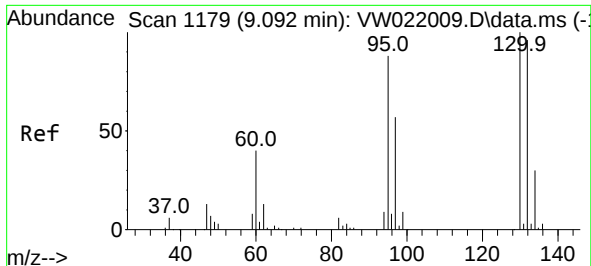
Tgt Ion:117 Resp: 77572
Ion Ratio Lower Upper
117 100
119 93.4 74.7 112.1



#33
Benzene
Concen: 24.862 ug/L
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 78 Resp: 183297

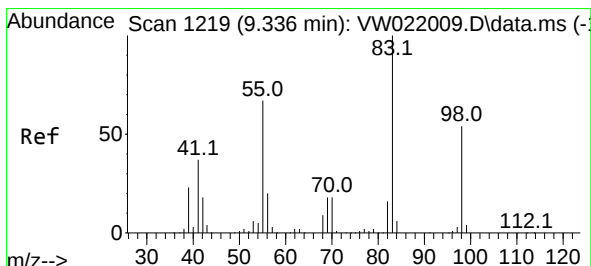
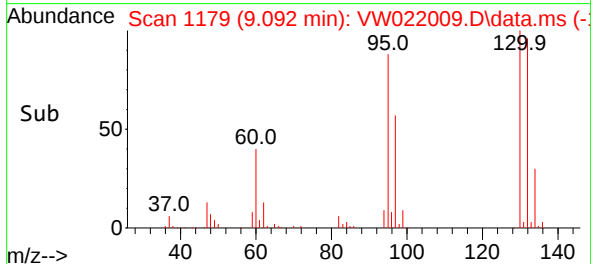
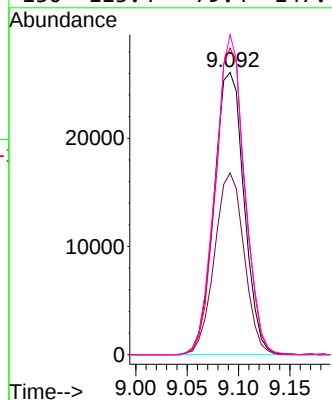
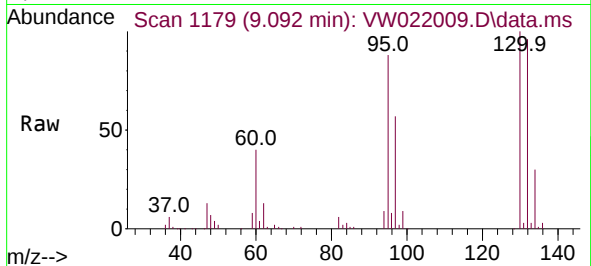




#34
Trichloroethene
Concen: 25.313 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

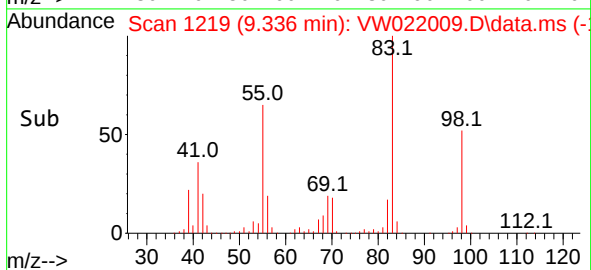
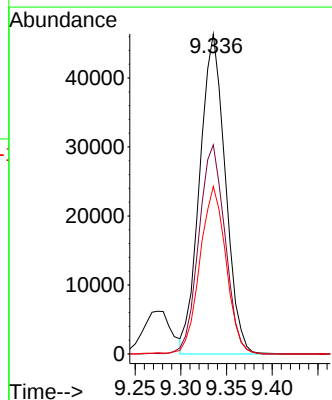
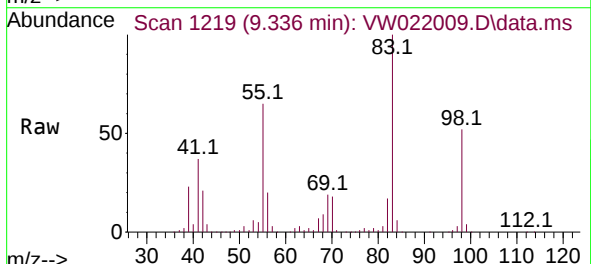
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

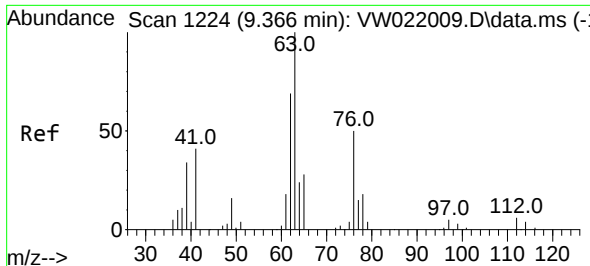
Tgt Ion: 95 Resp: 53059
Ion Ratio Lower Upper
95 100
97 64.4 45.1 83.7
132 108.7 76.1 141.3
130 113.4 79.4 147.4



#35
Methylcyclohexane
Concen: 25.536 ug/L
RT: 9.336 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 83 Resp: 90304
Ion Ratio Lower Upper
83 100
55 66.8 53.4 80.2
98 53.2 42.6 63.8





#37

1,2-Dichloropropane

Concen: 25.190 ug/L

RT: 9.366 min Scan# 112

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

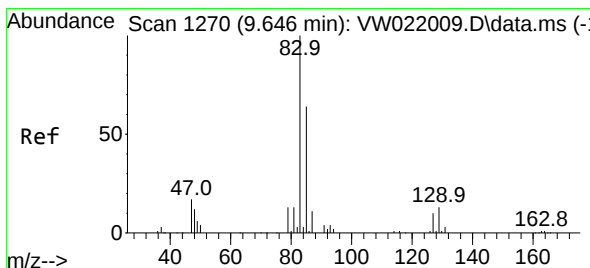
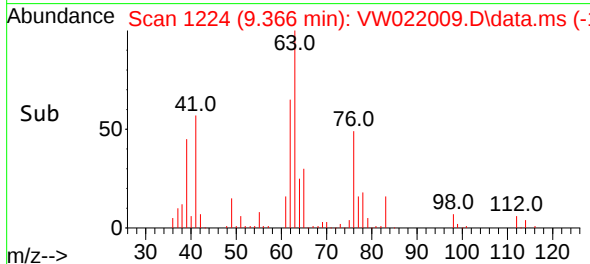
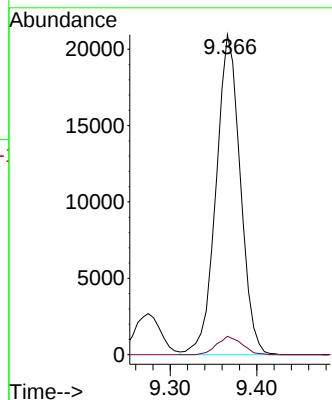
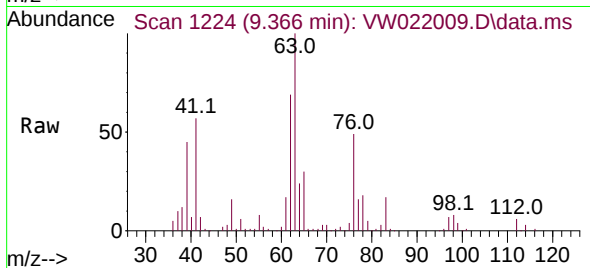
VSTD025452

Tgt Ion: 63 Resp: 40789

Ion Ratio Lower Upper

63 100

112 5.9 4.7 7.1



#38

Bromodichloromethane

Concen: 25.179 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

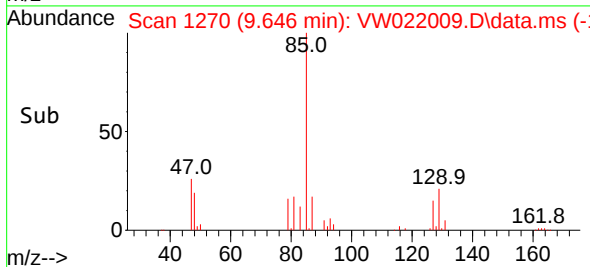
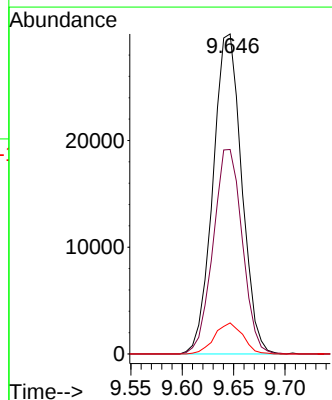
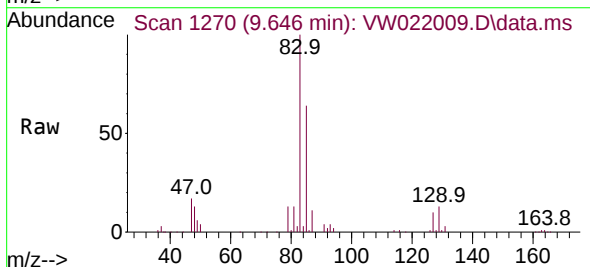
Tgt Ion: 83 Resp: 58226

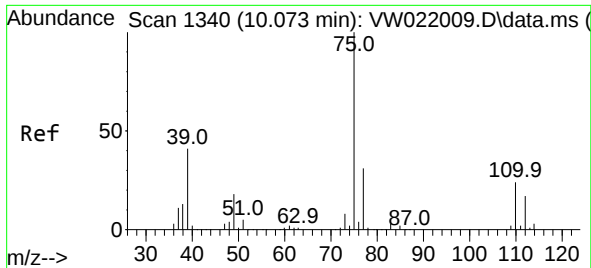
Ion Ratio Lower Upper

83 100

85 63.9 44.7 83.1

127 9.7 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 26.115 ug/L

RT: 10.073 min Scan# 11

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

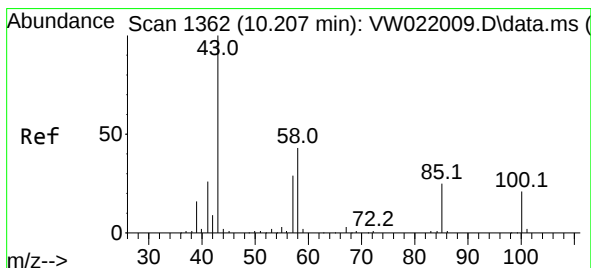
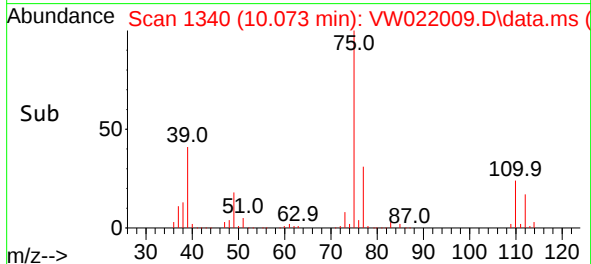
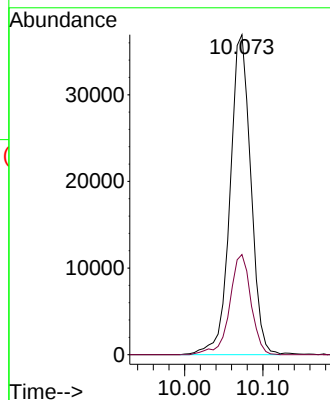
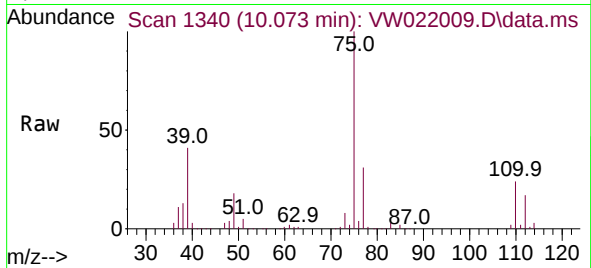
VSTD025452

Tgt Ion: 75 Resp: 67823

Ion Ratio Lower Upper

75 100

77 31.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 53.212 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

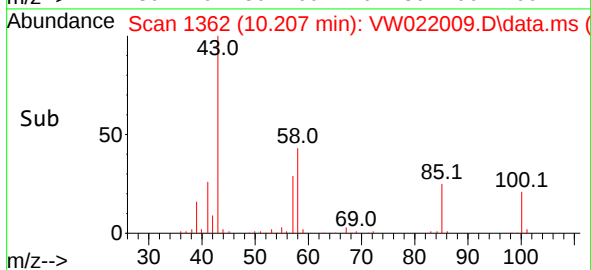
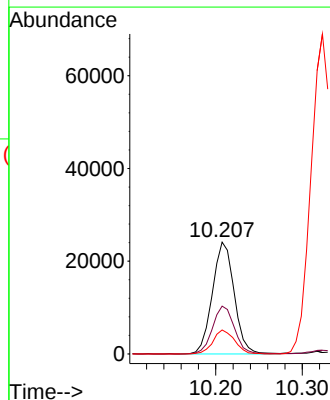
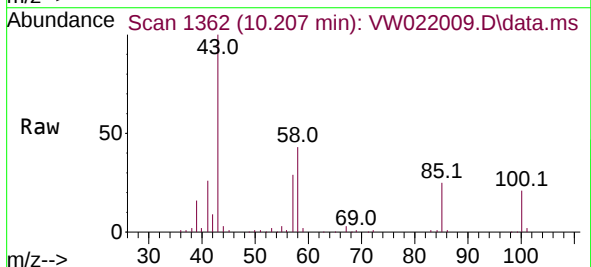
Tgt Ion: 43 Resp: 42275

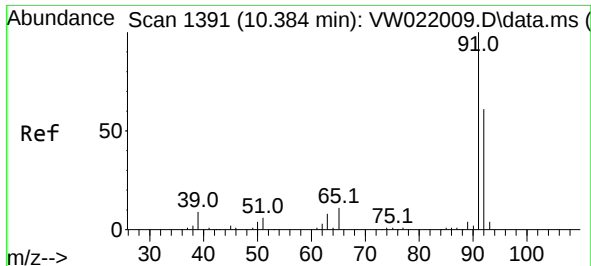
Ion Ratio Lower Upper

43 100

58 43.0 34.4 51.6

100 21.2 17.0 25.4

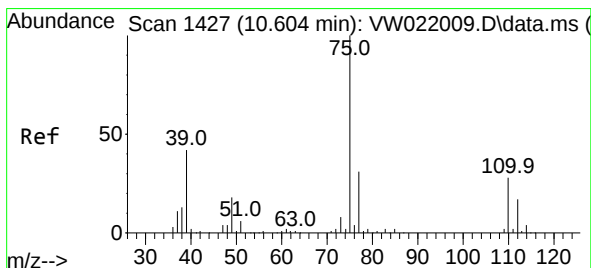
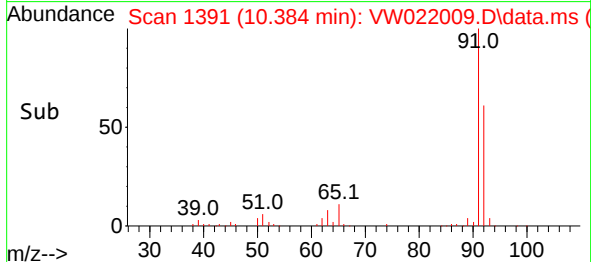
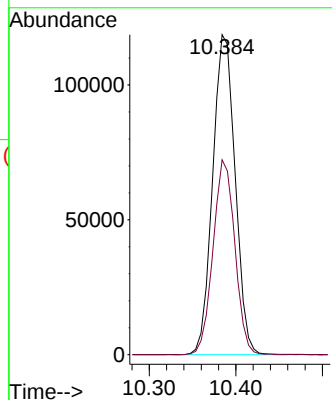
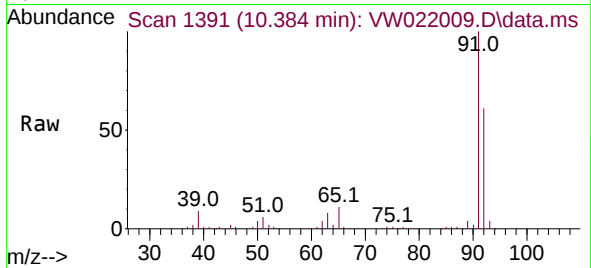




#42
Toluene
Concen: 25.589 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

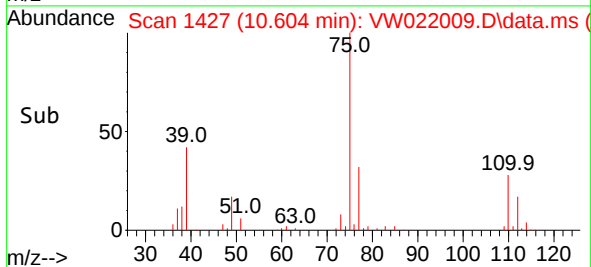
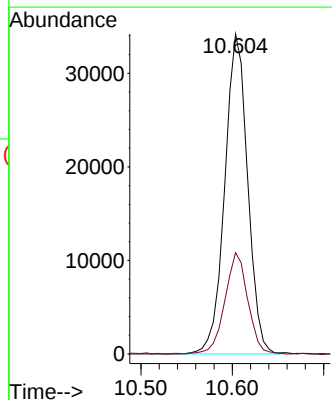
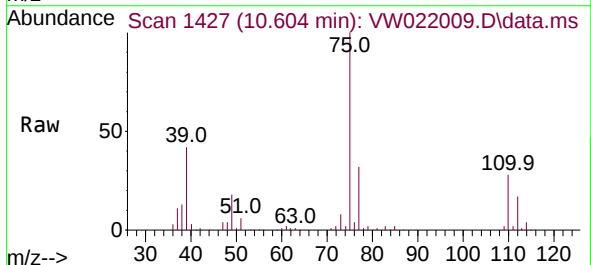
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

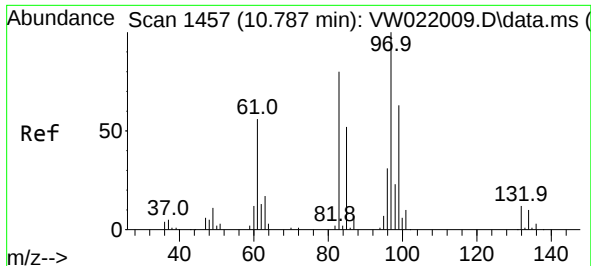
Tgt Ion: 91 Resp: 213849
Ion Ratio Lower Upper
91 100
92 60.9 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 26.559 ug/L
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 75 Resp: 59463
Ion Ratio Lower Upper
75 100
77 31.6 22.1 41.1

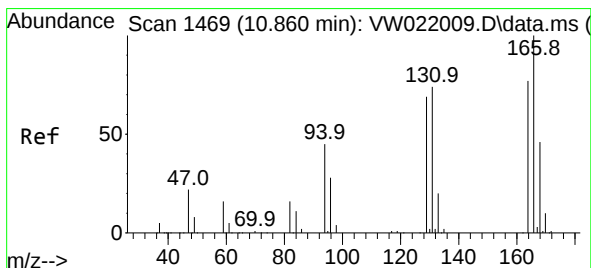
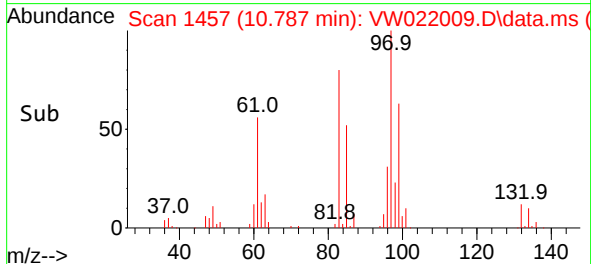
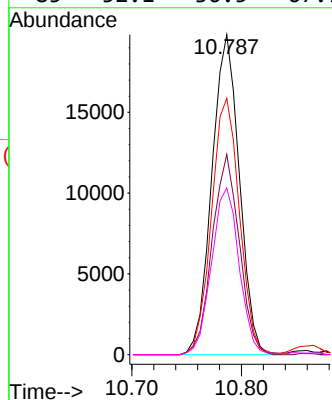
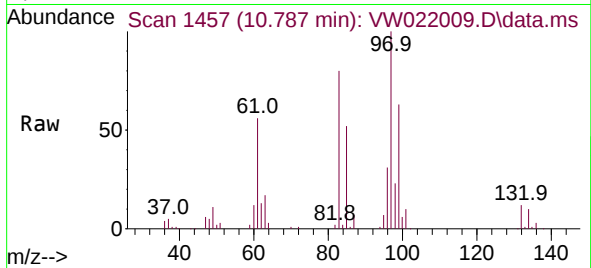




#45
1,1,2-Trichloroethane
Concen: 25.133 ug/L
RT: 10.787 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

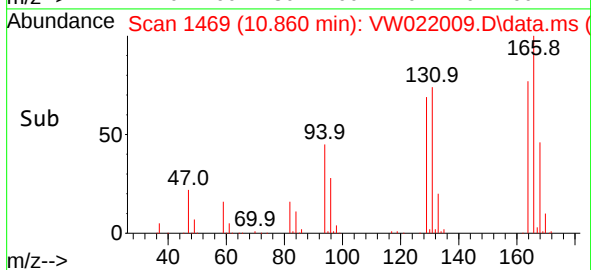
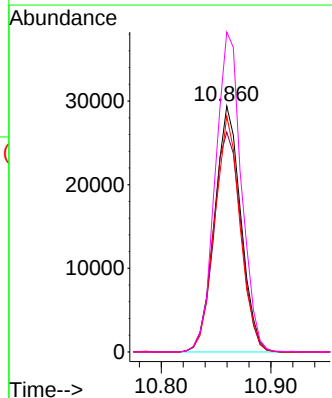
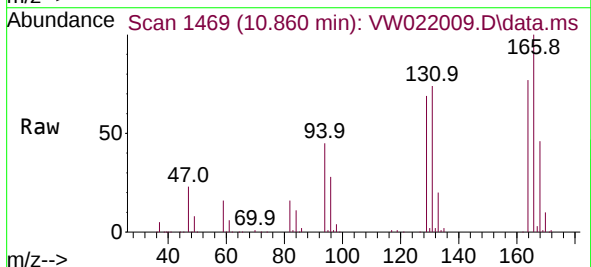
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

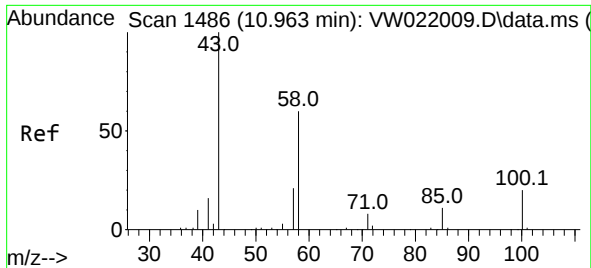
Tgt Ion:	97	Resp:	34590
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.8	81.4
83	80.2	56.1	104.3
85	52.1	36.5	67.7



#46
Tetrachloroethene
Concen: 25.131 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:	164	Resp:	49102
Ion	Ratio	Lower	Upper
164	100		
129	89.4	62.6	116.2
131	95.9	67.1	124.7
166	130.1	91.1	169.1

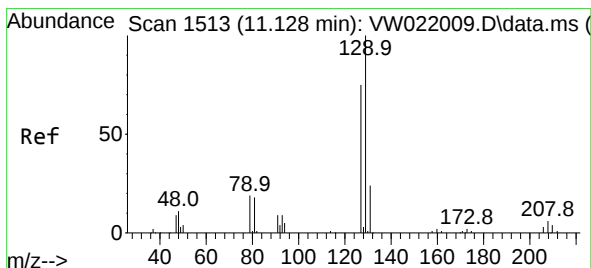
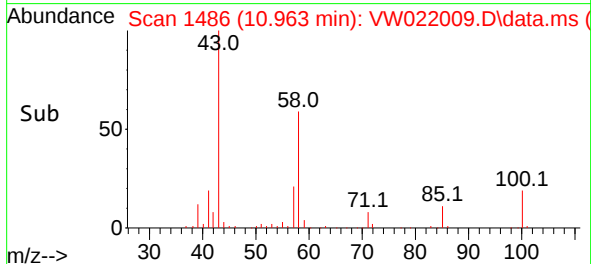
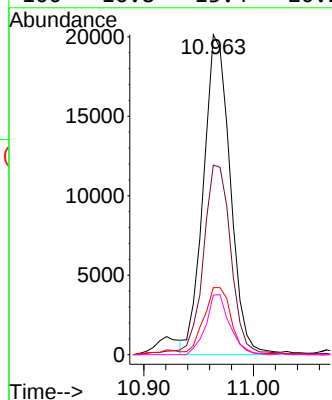
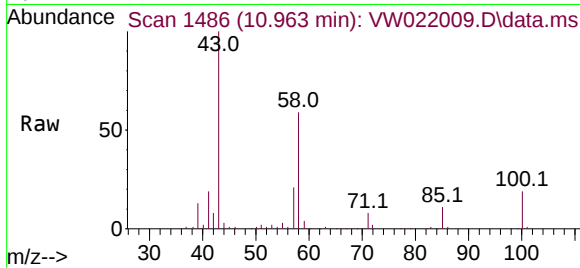




#48
2-Hexanone
Concen: 57.888 ug/L
RT: 10.963 min Scan# 1486
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

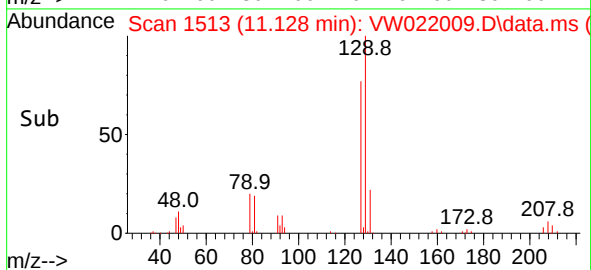
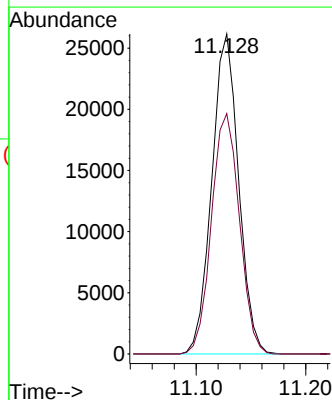
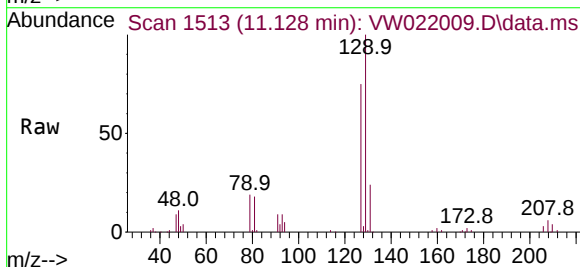
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

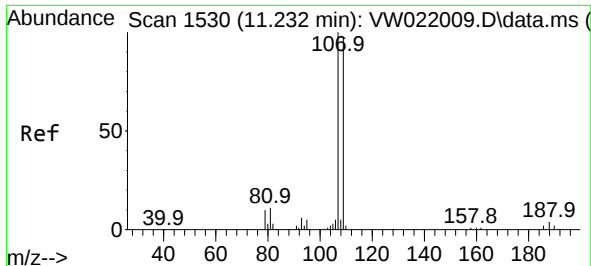
Tgt Ion: 43	Resp: 34218
Ion Ratio	Lower Upper
43 100	
58 61.5	49.2 73.8
57 20.7	16.6 24.8
100 16.8	13.4 20.2



#49
Dibromochloromethane
Concen: 25.658 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:129	Resp:	44468	
Ion	Ratio	Lower	Upper
129	100		
127	75.1	52.6	97.6





#50

1,2-Dibromoethane

Concen: 26.341 ug/L

RT: 11.232 min Scan# 1530

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

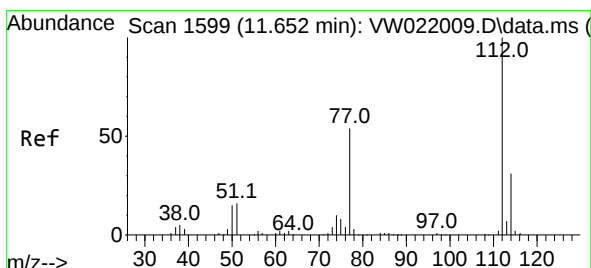
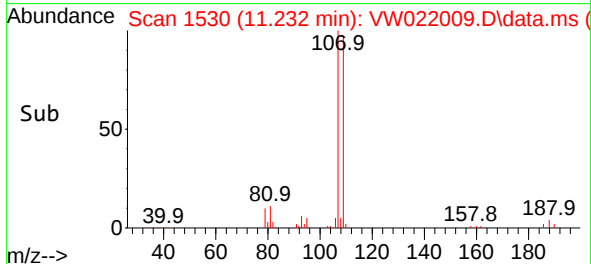
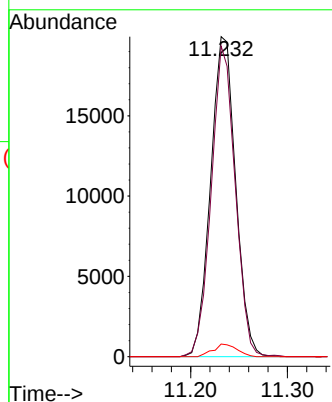
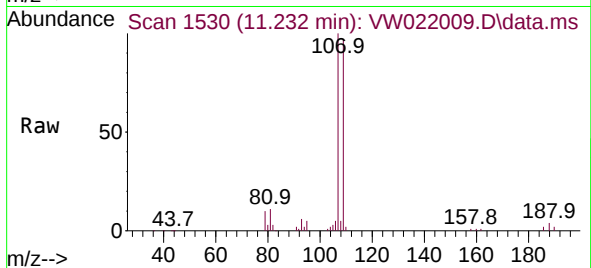
Tgt Ion:107 Resp: 35893

Ion Ratio Lower Upper

107 100

109 97.1 68.0 126.2

188 4.0 3.2 4.8



#51

Chlorobenzene

Concen: 25.224 ug/L

RT: 11.652 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

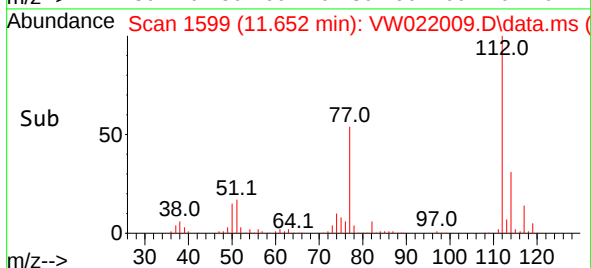
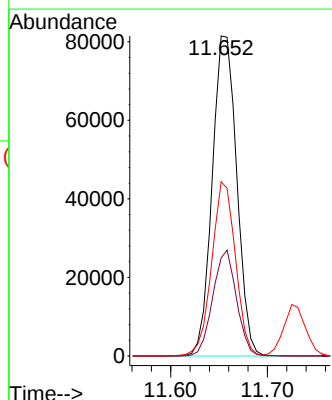
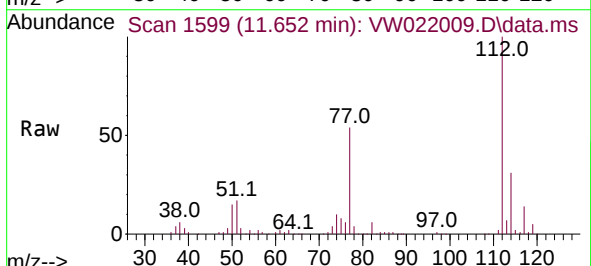
Tgt Ion:112 Resp: 143467

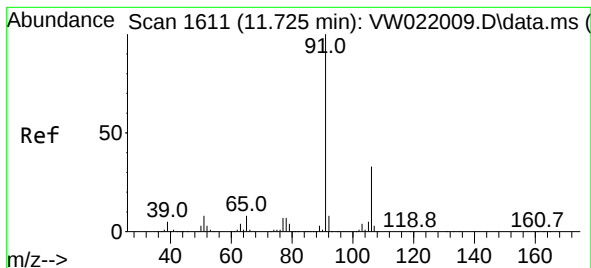
Ion Ratio Lower Upper

112 100

114 30.7 21.5 39.9

77 54.5 43.6 65.4

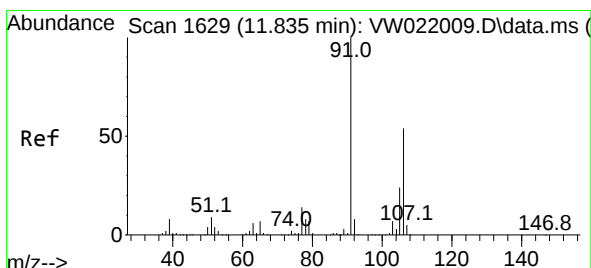
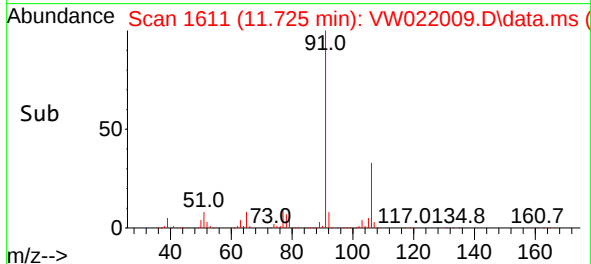
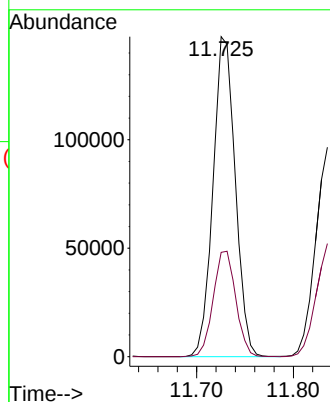
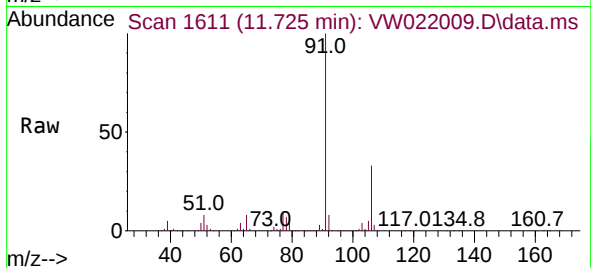




#52
Ethylbenzene
Concen: 25.573 ug/L
RT: 11.725 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

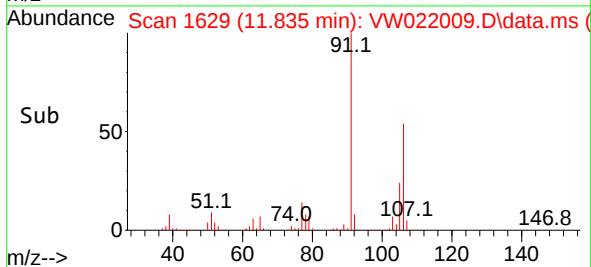
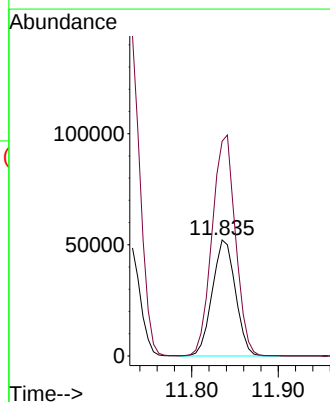
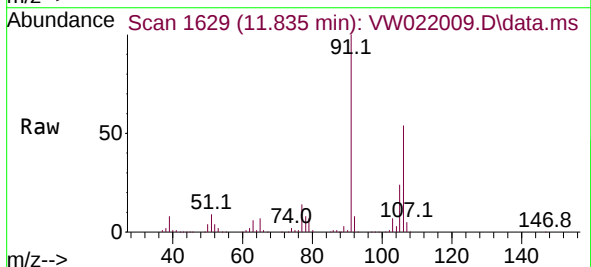
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

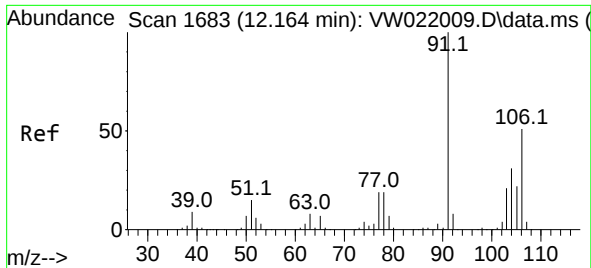
Tgt Ion: 91 Resp: 235806
Ion Ratio Lower Upper
91 100
106 32.6 22.8 42.4



#53
m,p-Xylene
Concen: 25.367 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 106 Resp: 97045
Ion Ratio Lower Upper
106 100
91 185.2 129.6 240.8

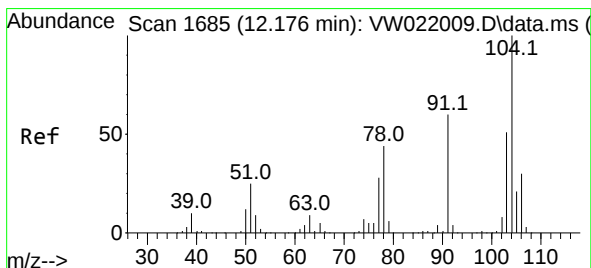
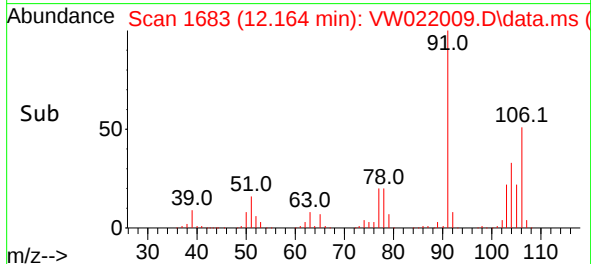
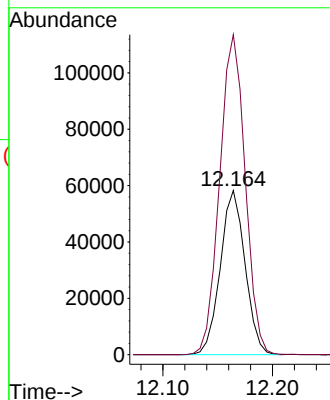
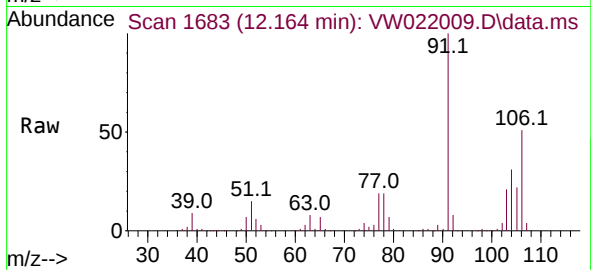




#54
o-Xylene
Concen: 25.562 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

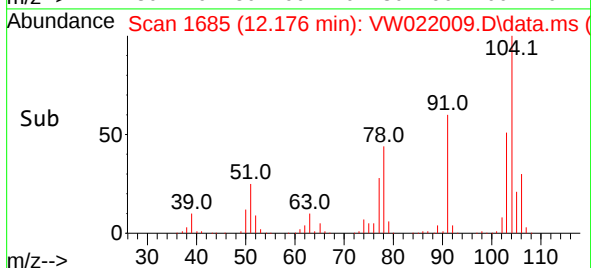
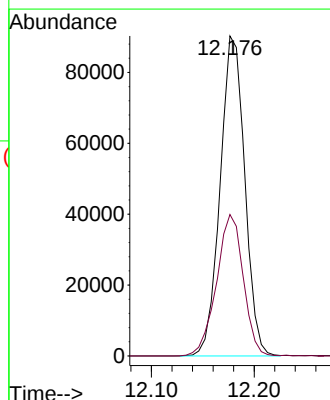
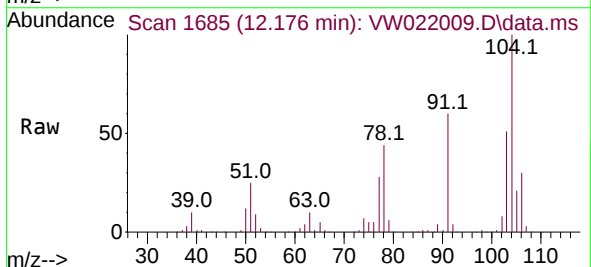
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

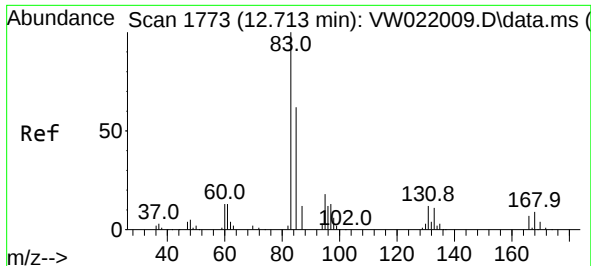
Tgt Ion:106 Resp: 91479
Ion Ratio Lower Upper
106 100
91 194.9 136.4 253.4



#55
Styrene
Concen: 25.948 ug/L
RT: 12.176 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:104 Resp: 149996
Ion Ratio Lower Upper
104 100
78 44.2 30.9 57.5





#57

1,1,2,2-Tetrachloroethane

Concen: 26.212 ug/L

RT: 12.713 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

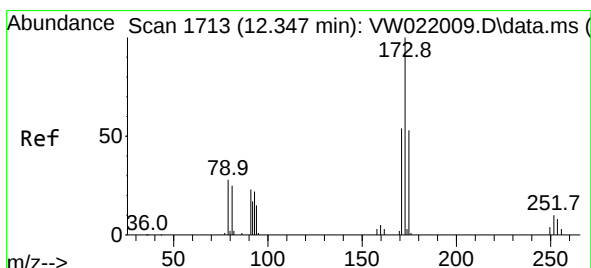
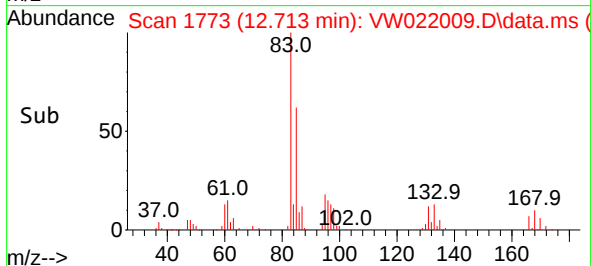
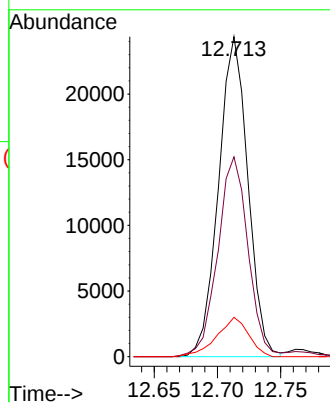
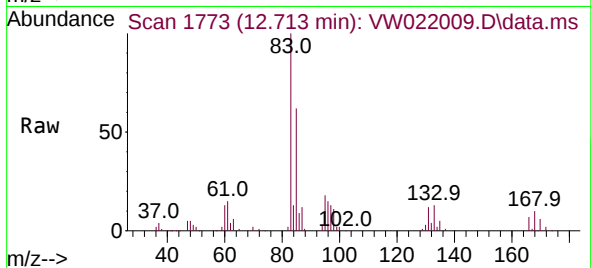
Tgt Ion: 83 Resp: 39268

Ion Ratio Lower Upper

83 100

85 62.5 43.8 81.3

131 12.3 9.8 14.8



#59

Bromoform

Concen: 23.664 ug/L

RT: 12.347 min Scan# 1713

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

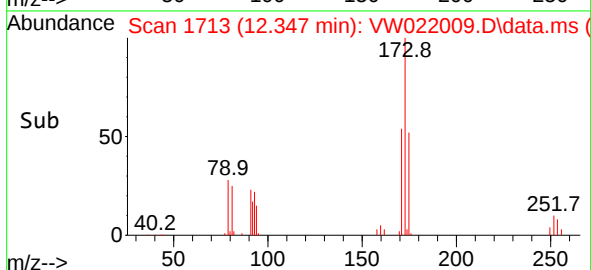
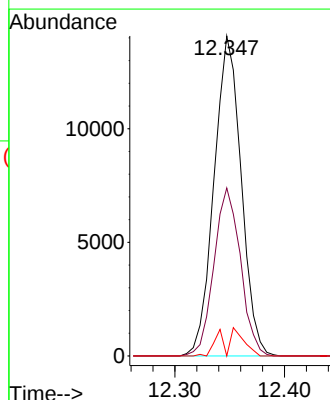
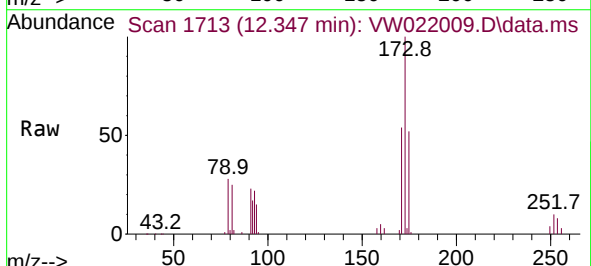
Tgt Ion: 173 Resp: 24234

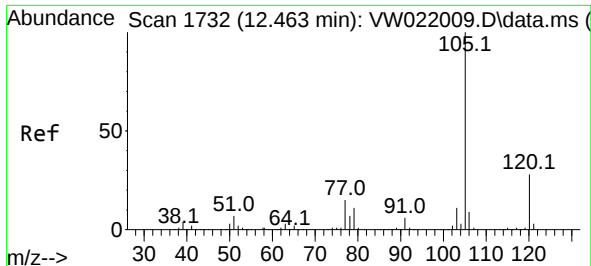
Ion Ratio Lower Upper

173 100

175 51.2 41.0 61.4

254 4.3 3.4 5.2

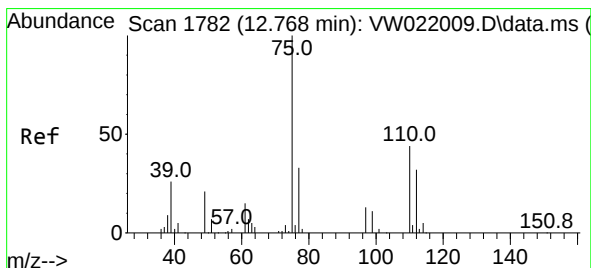
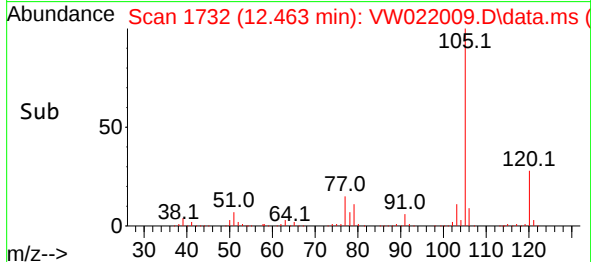
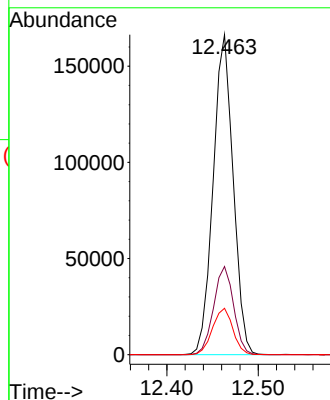
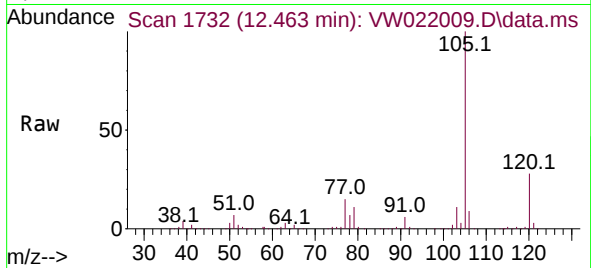




#60
Isopropylbenzene
Concen: 24.968 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

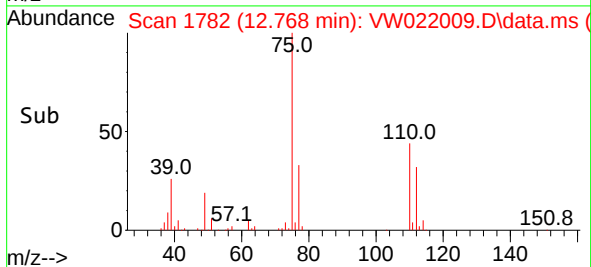
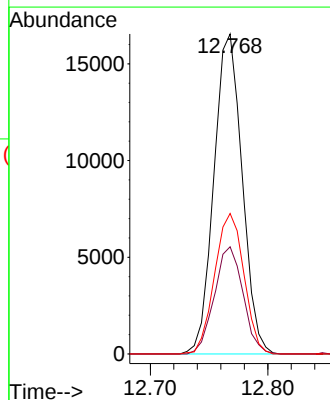
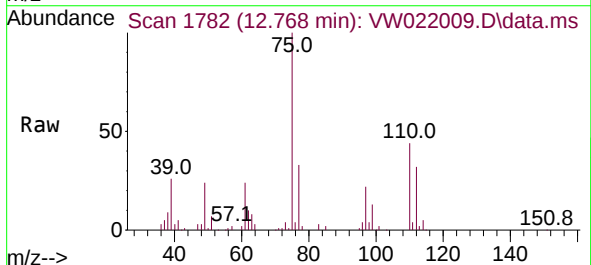
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

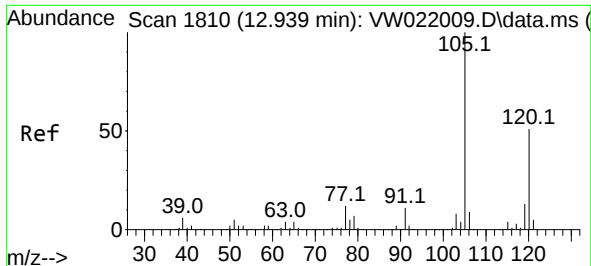
Tgt Ion:105 Resp: 252938
Ion Ratio Lower Upper
105 100
120 27.6 22.1 33.1
77 14.8 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 24.436 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion: 75 Resp: 27603
Ion Ratio Lower Upper
75 100
77 34.1 27.3 40.9
110 45.5 36.4 54.6





#62

1,3,5-Trimethylbenzene

Concen: 25.705 ug/L

RT: 12.939 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

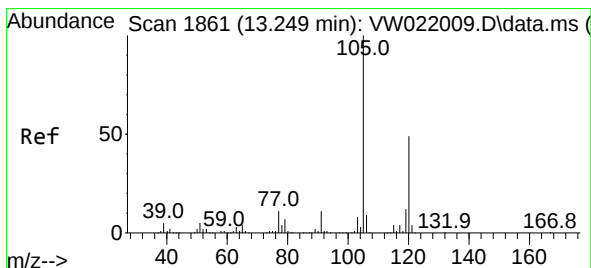
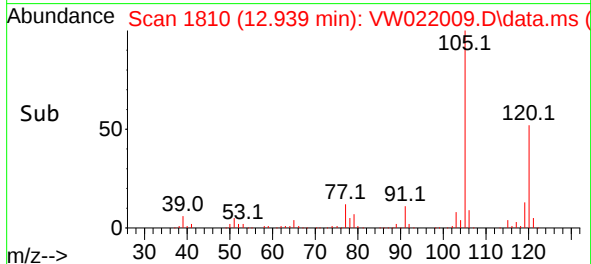
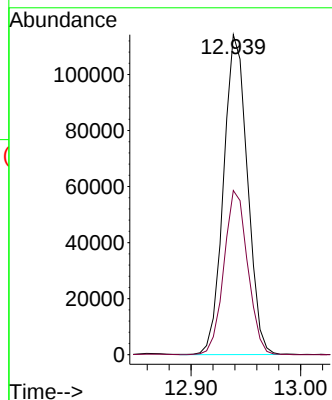
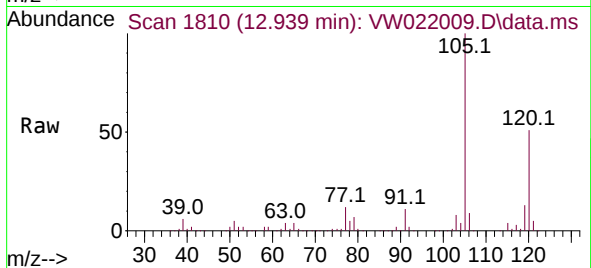
VSTD025452

Tgt Ion:105 Resp: 172709

Ion Ratio Lower Upper

105 100

120 51.1 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 25.782 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. 0.000 min

Lab File: VW022009.D

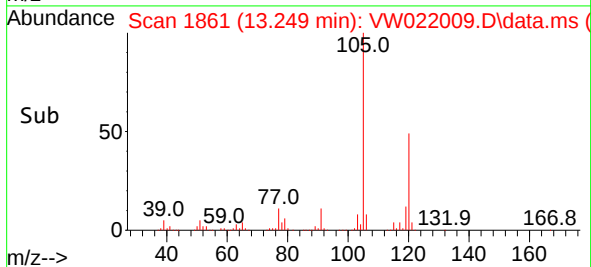
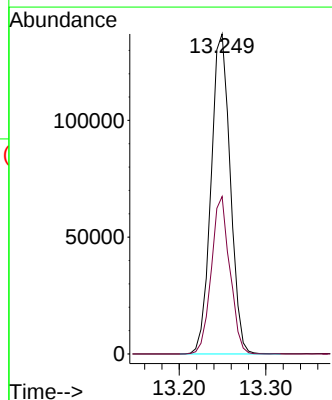
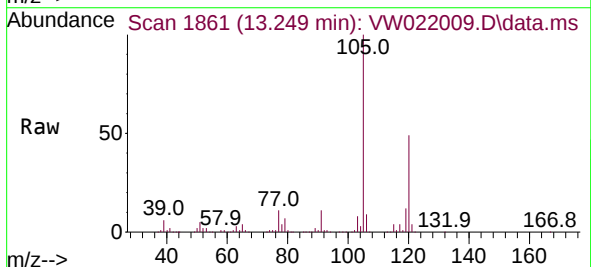
Acq: 01 Feb 2022 15:31

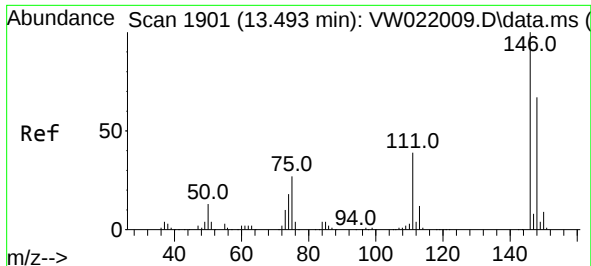
Tgt Ion:105 Resp: 211045

Ion Ratio Lower Upper

105 100

120 47.3 37.8 56.8

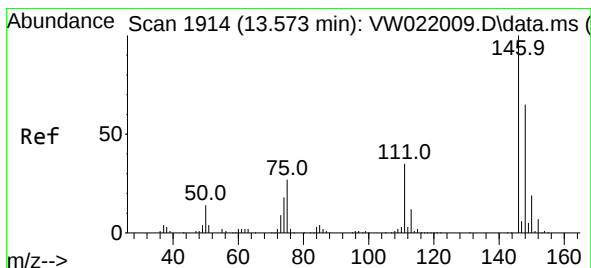
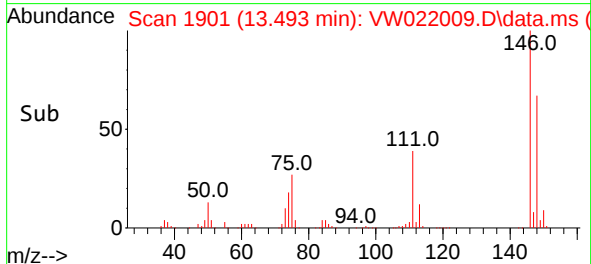
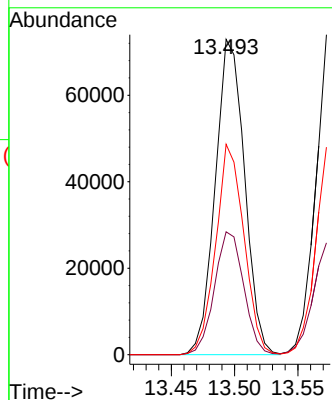
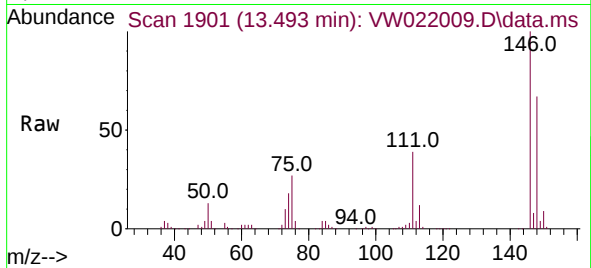




#64
1,3-Dichlorobenzene
Concen: 24.216 ug/L
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

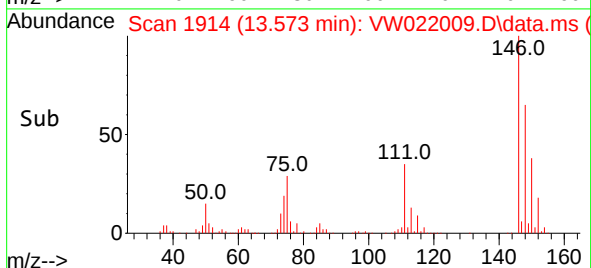
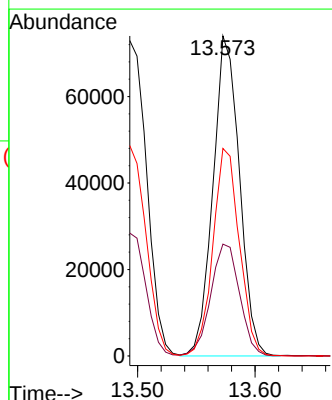
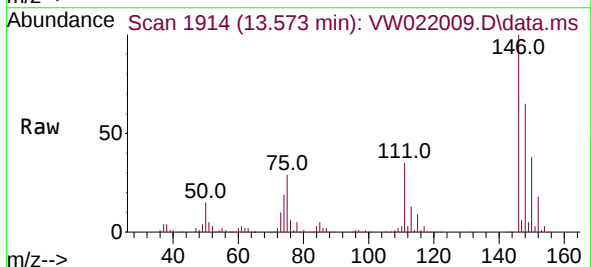
Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

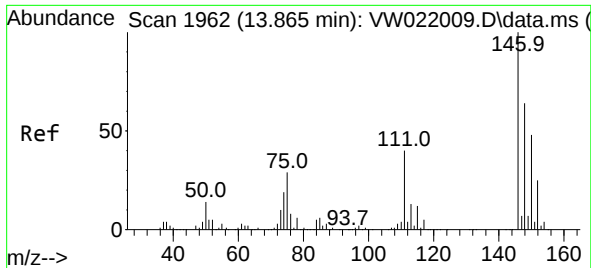
Tgt Ion:146 Resp: 117538
Ion Ratio Lower Upper
146 100
111 39.0 27.3 50.7
148 66.7 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 23.879 ug/L
RT: 13.573 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:146 Resp: 116015
Ion Ratio Lower Upper
146 100
111 34.9 24.4 45.4
148 64.8 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 24.065 ug/L

RT: 13.865 min Scan# 1962

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

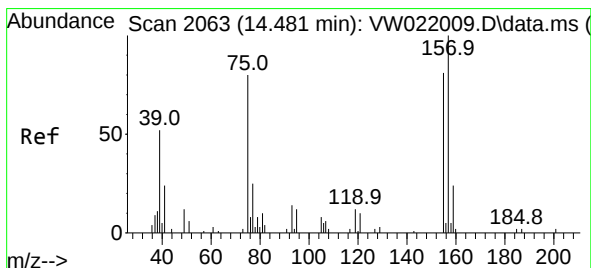
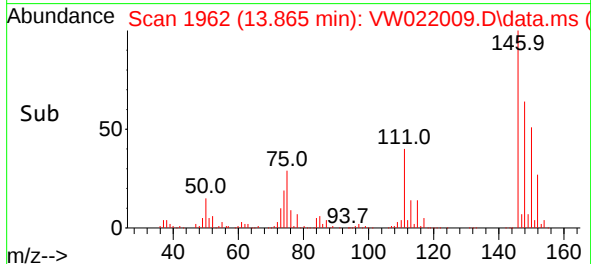
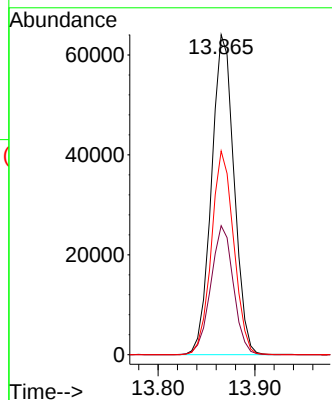
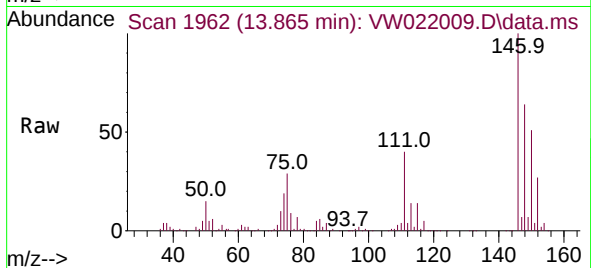
Tgt Ion:146 Resp: 103812

Ion Ratio Lower Upper

146 100

111 40.3 32.2 48.4

148 63.7 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 25.185 ug/L

RT: 14.481 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

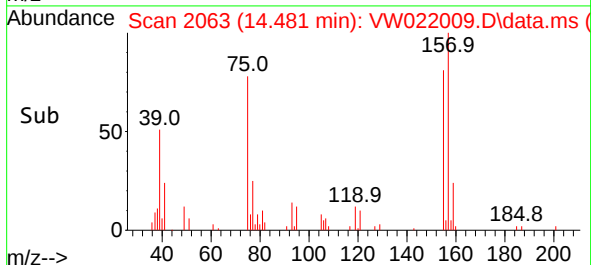
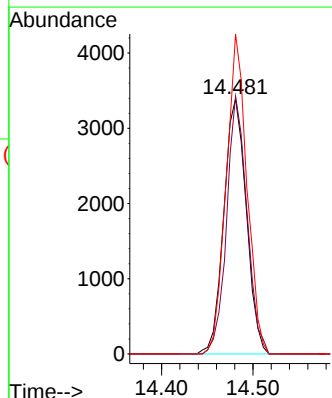
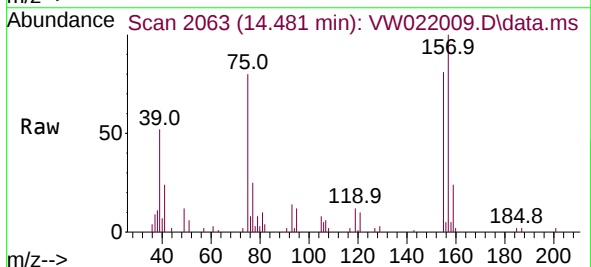
Tgt Ion: 75 Resp: 5788

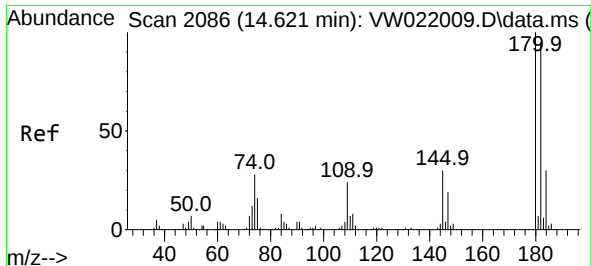
Ion Ratio Lower Upper

75 100

155 101.1 80.9 121.3

157 125.4 100.3 150.5





#69

1,3,5-Trichlorobenzene

Concen: 24.240 ug/L

RT: 14.621 min Scan# 2086

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

Instrument :

MSVOA_W

ClientSampleId :

VSTD025452

Tgt Ion:180 Resp: 84588

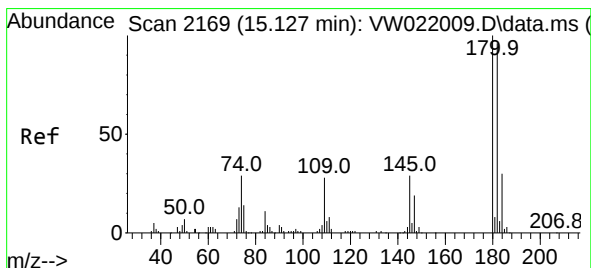
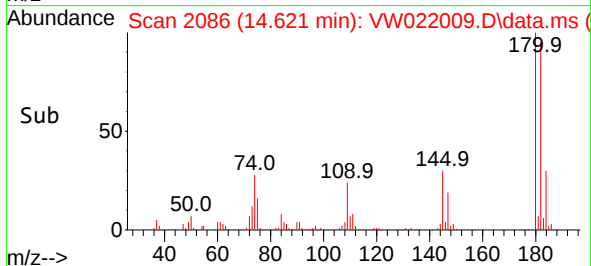
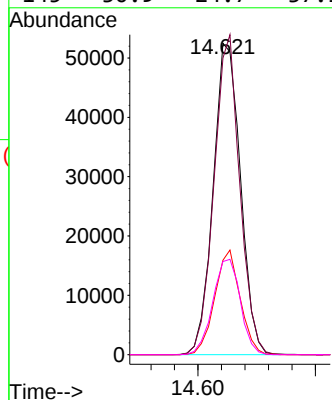
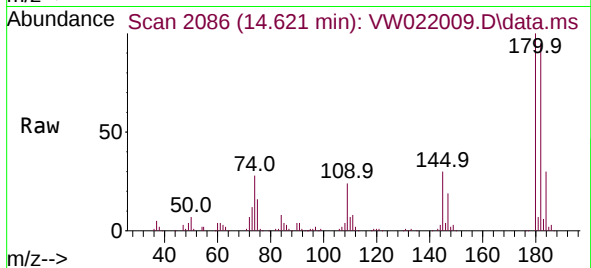
Ion Ratio Lower Upper

180 100

182 96.8 77.4 116.2

184 31.5 25.2 37.8

145 30.9 24.7 37.1



#70

1,2,4-trichlorobenzene

Concen: 24.244 ug/L

RT: 15.127 min Scan# 2169

Delta R.T. 0.000 min

Lab File: VW022009.D

Acq: 01 Feb 2022 15:31

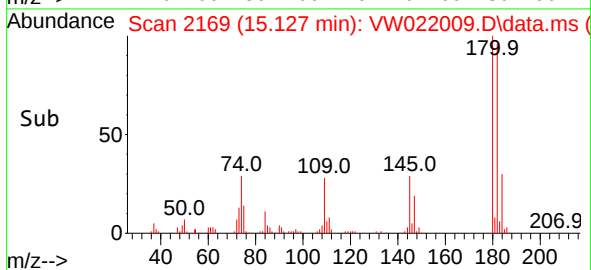
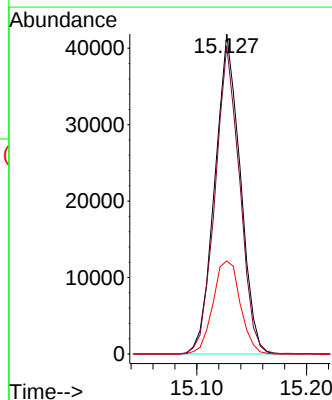
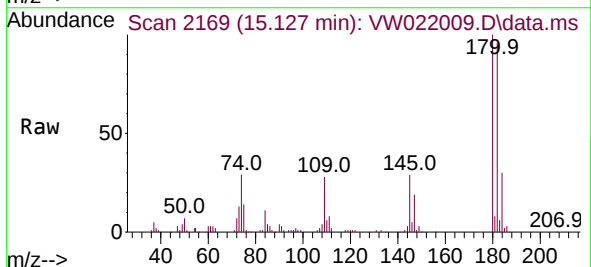
Tgt Ion:180 Resp: 67201

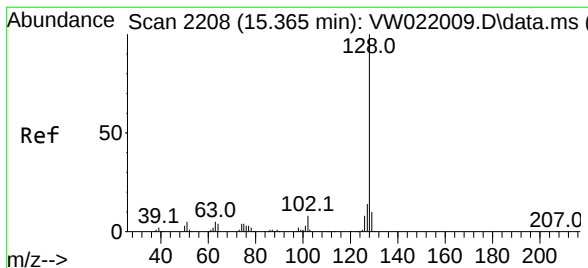
Ion Ratio Lower Upper

180 100

182 93.2 74.6 111.8

145 31.3 25.0 37.6

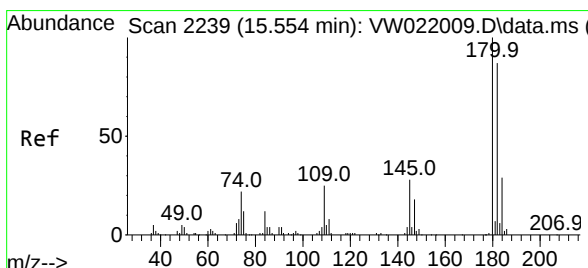
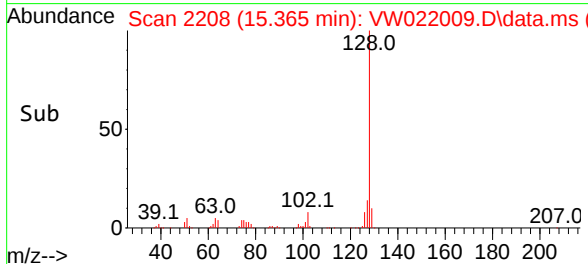
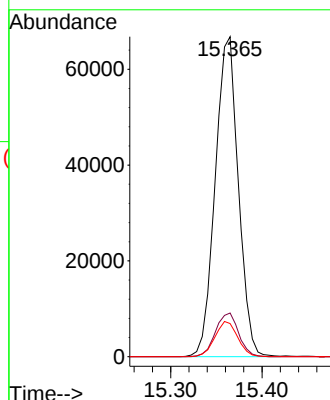
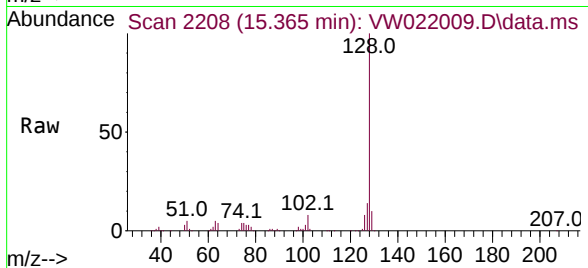




#71
Naphthalene
Concen: 25.972 ug/L
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Instrument :
MSVOA_W
ClientSampleId :
VSTD025452

Tgt Ion:128 Resp: 117457
Ion Ratio Lower Upper
128 100
127 13.7 11.0 16.4
129 10.9 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.005 ug/L
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW022009.D
Acq: 01 Feb 2022 15:31

Tgt Ion:180 Resp: 56873
Ion Ratio Lower Upper
180 100
182 98.3 78.6 118.0
145 34.1 27.3 40.9

