

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022085.D
 Acq On : 21 Feb 2022 14:02
 Operator : SY/VA
 Sample : N1622-02MS
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

Quant Time: Feb 22 00:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	180227	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	168227	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	97038	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	45895	21.141	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.560%
7) Chloroethane-d5	2.879	69	35163	21.039	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.160%
11) 1,1-Dichloroethene-d2	4.013	63	75369	19.650	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.600%
21) 2-Butanone-d5	7.080	46	30559	79.363	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	158.720%#
24) Chloroform-d	7.653	84	101455	24.196	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	8.305	65	57033	27.339	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.360%
32) Benzene-d6	8.275	84	189045	22.237	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.960%
36) 1,2-Dichloropropane-d6	9.274	67	55507	24.004	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.000%
41) Toluene-d8	10.323	98	186857	22.178	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.720%
43) trans-1,3-Dichloroprop...	10.579	79	26595	26.260	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.040%
47) 2-Hexanone-d5	10.920	63	30639	91.137	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	182.280%#
56) 1,1,2,2-Tetrachloroeth...	12.688	84	64181	34.031	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	136.120%#
66) 1,2-Dichlorobenzene-d4	13.853	152	79486	22.706	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	11991	28.564	ug/L	98
3) Chloromethane	2.209	50	40663	21.469	ug/L	96
5) Vinyl chloride	2.361	62	60410	22.206	ug/L	99
6) Bromomethane	2.776	94	49308	21.316	ug/L	96
8) Chloroethane	2.916	64	29367	21.008	ug/L	99
9) Trichlorofluoromethane	3.257	101	35996	17.528	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	4.062	101	49084	22.558	ug/L	98
12) 1,1-Dichloroethene	4.037	96	42776	21.302	ug/L	99
13) Acetone	4.135	43	16368	45.515	ug/L	96
14) Carbon disulfide	4.385	76	111291	19.001	ug/L	100
15) Methyl Acetate	4.678	43	21587	32.826	ug/L #	88
16) Methylene chloride	4.915	84	49846	23.735	ug/L	96
17) trans-1,2-Dichloroethene	5.428	96	48156	21.506	ug/L	98
18) Methyl tert-butyl Ether	5.428	73	85699	29.848	ug/L #	92
19) 1,1-Dichloroethane	6.214	63	80692	23.259	ug/L	98
20) cis-1,2-Dichloroethene	7.171	96	55081	23.971	ug/L	93
22) 2-Butanone	7.171	43	29262	62.847	ug/L	98
23) Bromochloromethane	7.512	128	28884	25.528	ug/L	95
25) Chloroform	7.677	83	95222	24.248	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022085.D
 Acq On : 21 Feb 2022 14:02
 Operator : SY/VA
 Sample : N1622-02MS
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

Quant Time: Feb 22 00:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

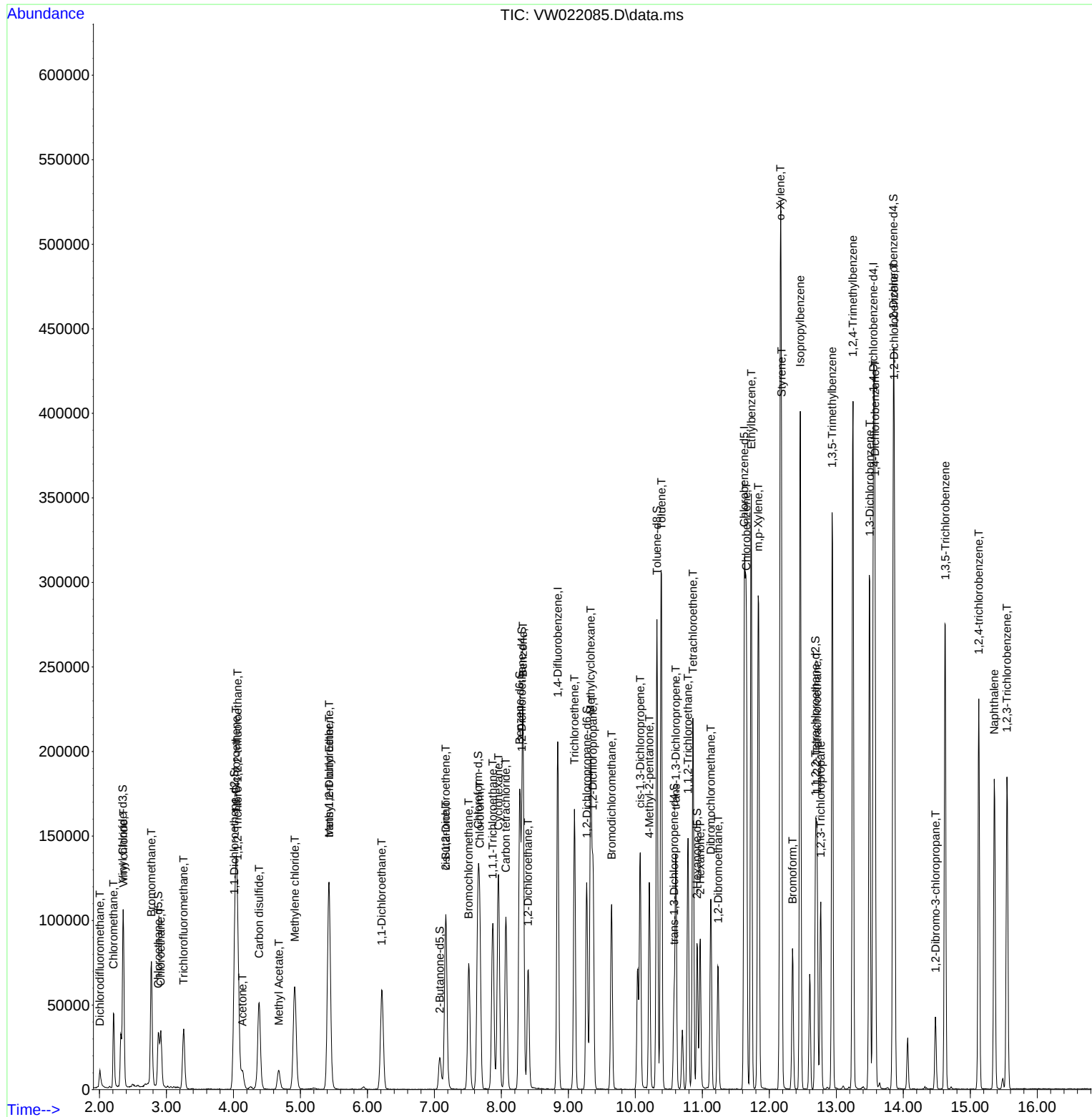
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.396	62	64881	28.068	ug/L	98
29) Cyclohexane	7.958	56	69010	20.898	ug/L	99
30) 1,1,1-Trichloroethane	7.872	97	82078	22.047	ug/L	99
31) Carbon tetrachloride	8.067	117	78305	21.489	ug/L	98
33) Benzene	8.323	78	195251	22.137	ug/L	100
34) Trichloroethene	9.091	95	54361	21.677	ug/L	97
35) Methylcyclohexane	9.335	83	85222	20.143	ug/L	99
37) 1,2-Dichloropropane	9.366	63	48366	24.967	ug/L	99
38) Bromodichloromethane	9.646	83	70808	25.595	ug/L	99
39) cis-1,3-Dichloropropene	10.073	75	80515	25.913	ug/L	98
40) 4-Methyl-2-pentanone	10.207	43	72191	75.953	ug/L	99
42) Toluene	10.390	91	234070	23.412	ug/L	97
44) trans-1,3-Dichloropropene	10.603	75	74537	27.828	ug/L	97
45) 1,1,2-Trichloroethane	10.786	97	47074	28.590	ug/L	98
46) Tetrachloroethene	10.859	164	49779	21.296	ug/L	93
48) 2-Hexanone	10.969	43	51626	72.975	ug/L	96
49) Dibromochloromethane	11.128	129	57791	27.872	ug/L	93
50) 1,2-Dibromoethane	11.237	107	47931	29.402	ug/L	98
51) Chlorobenzene	11.658	112	158449	23.286	ug/L	97
52) Ethylbenzene	11.731	91	251205	22.772	ug/L	97
53) m,p-Xylene	11.835	106	102708	22.441	ug/L	97
54) o-Xylene	12.164	106	98178	22.931	ug/L	86
55) Styrene	12.182	104	171032	24.731	ug/L	92
57) 1,1,2,2-Tetrachloroethane	12.713	83	59945	33.447	ug/L	96
59) Bromoform	12.347	173	36742	28.669	ug/L #	99
60) Isopropylbenzene	12.463	105	259955	20.504	ug/L	98
61) 1,2,3-Trichloropropane	12.768	75	43778	30.968	ug/L	99
62) 1,3,5-Trimethylbenzene	12.938	105	182906	21.753	ug/L	99
63) 1,2,4-Trimethylbenzene	13.249	105	224437	21.908	ug/L	99
64) 1,3-Dichlorobenzene	13.499	146	132958	21.888	ug/L	95
65) 1,4-Dichlorobenzene	13.578	146	133287	21.921	ug/L	98
67) 1,2-Dichlorobenzene	13.865	146	124467	23.055	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.481	75	9681	33.660	ug/L	98
69) 1,3,5-Trichlorobenzene	14.627	180	88647	20.298	ug/L	99
70) 1,2,4-trichlorobenzene	15.127	180	73548	21.202	ug/L	98
71) Naphthalene	15.359	128	163428	28.876	ug/L	99
72) 1,2,3-Trichlorobenzene	15.548	180	61968	20.900	ug/L	99

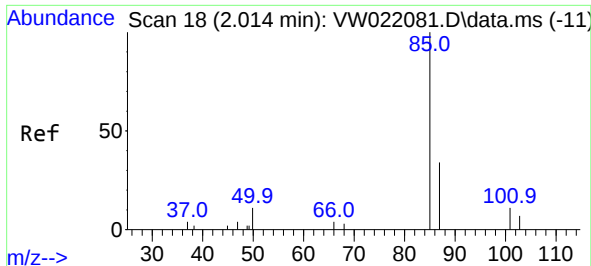
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW022122\
 Data File : VW022085.D
 Acq On : 21 Feb 2022 14:02
 Operator : SY/VA
 Sample : N1622-02MS
 Misc : 6.07g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

Quant Time: Feb 22 00:40:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM020122SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue Feb 22 00:39:16 2022
 Response via : Initial Calibration

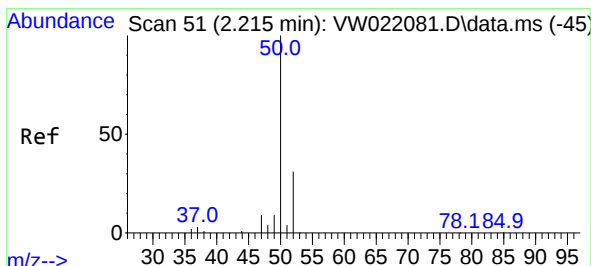
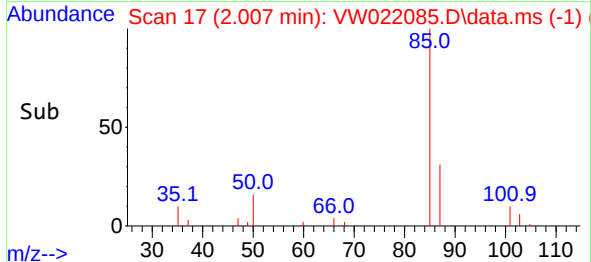
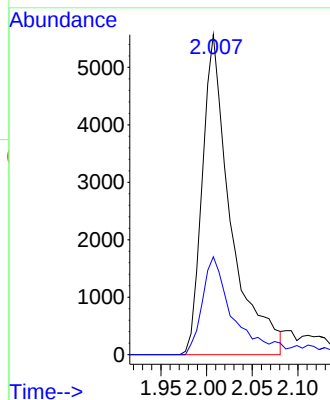
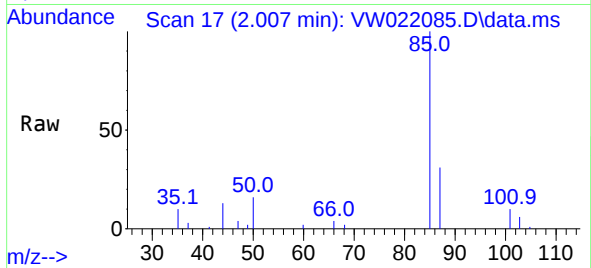




#2
Dichlorodifluoromethane
Concen: 28.564 ug/L
RT: 2.007 min Scan# 11
Delta R.T. -0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

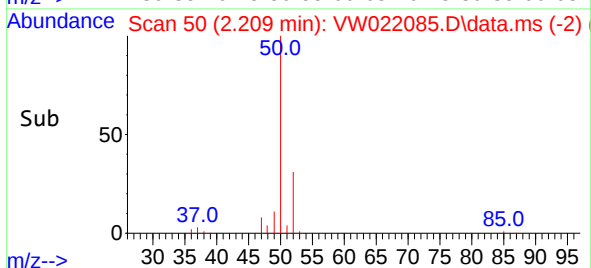
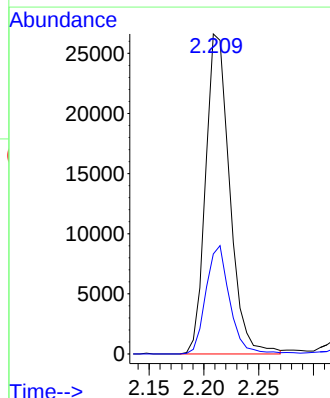
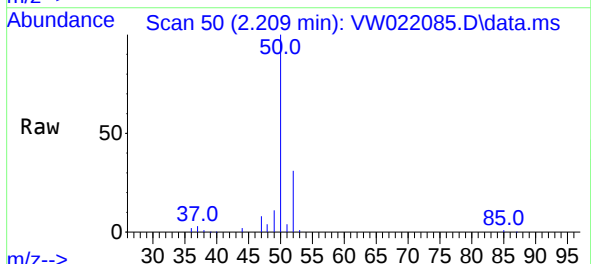
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

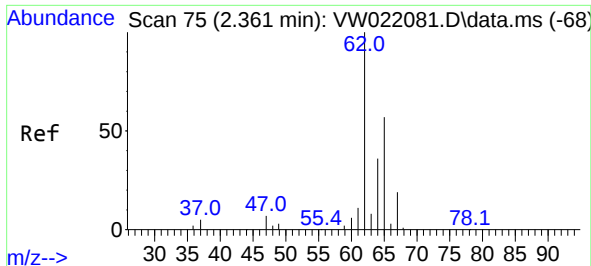
Tgt Ion: 85 Resp: 11991
Ion Ratio Lower Upper
85 100
87 31.5 26.2 39.4



#3
Chloromethane
Concen: 21.469 ug/L
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 50 Resp: 40663
Ion Ratio Lower Upper
50 100
52 31.3 23.3 43.3

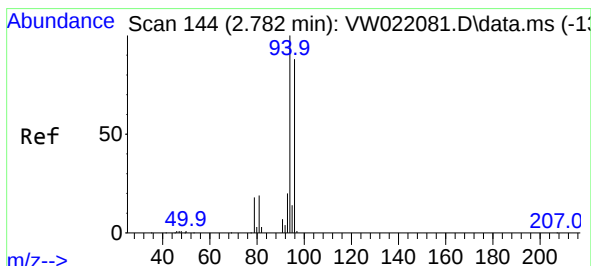
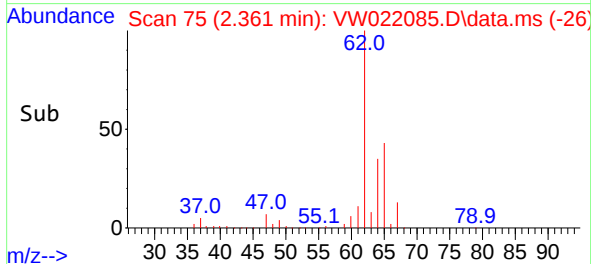
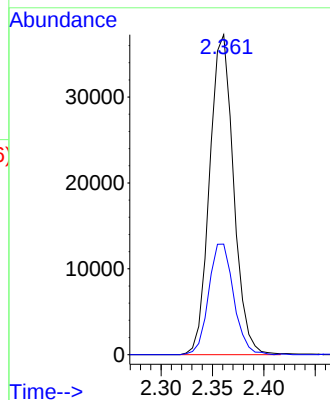
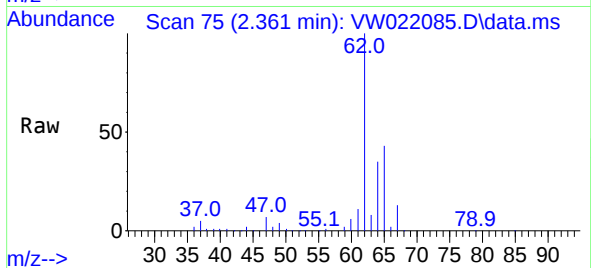




#5
 Vinyl chloride
 Concen: 22.206 ug/L
 RT: 2.361 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VW022085.D
 Acq: 21 Feb 2022 14:02

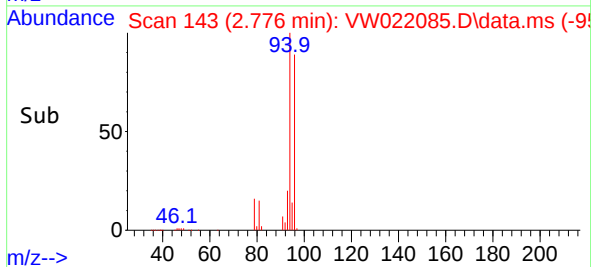
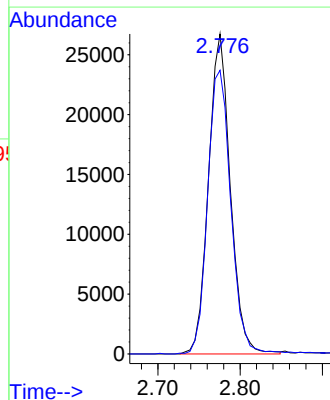
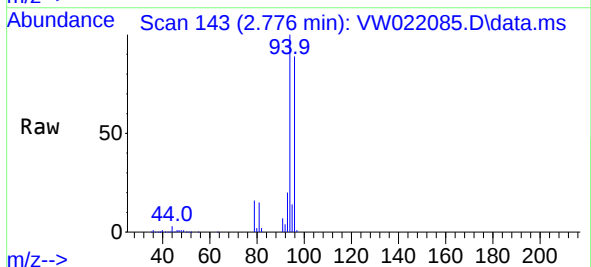
Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

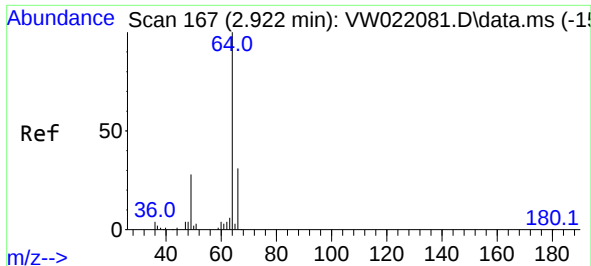
Tgt Ion: 62 Resp: 60410
 Ion Ratio Lower Upper
 62 100
 64 34.6 24.6 45.6



#6
 Bromomethane
 Concen: 21.316 ug/L
 RT: 2.776 min Scan# 143
 Delta R.T. -0.006 min
 Lab File: VW022085.D
 Acq: 21 Feb 2022 14:02

Tgt Ion: 94 Resp: 49308
 Ion Ratio Lower Upper
 94 100
 96 88.6 64.6 120.0





#8

Chloroethane

Concen: 21.008 ug/L

RT: 2.916 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

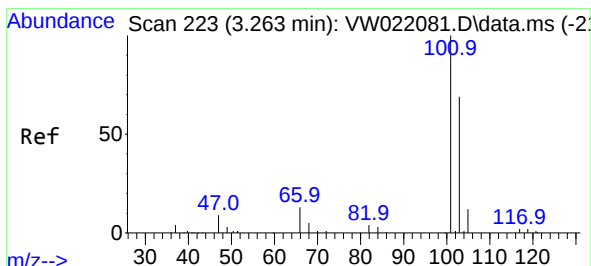
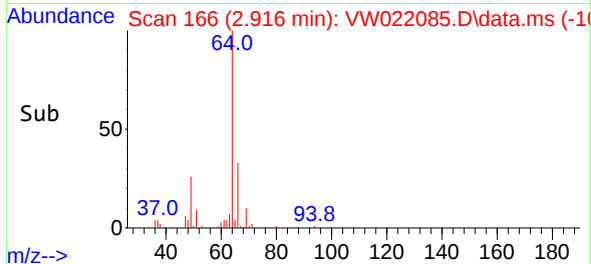
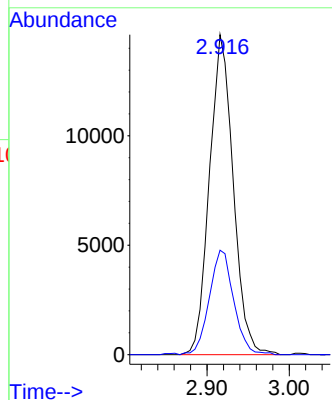
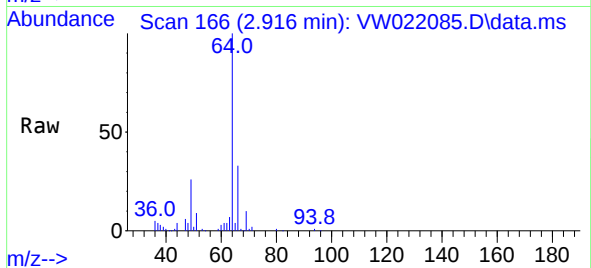
GBD34MS

Tgt Ion: 64 Resp: 29367

Ion Ratio Lower Upper

64 100

66 32.7 22.3 41.5



#9

Trichlorofluoromethane

Concen: 17.528 ug/L

RT: 3.257 min Scan# 222

Delta R.T. -0.006 min

Lab File: VW022085.D

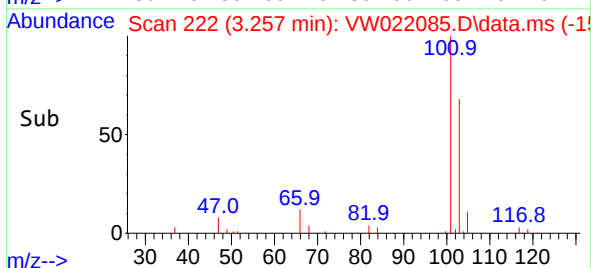
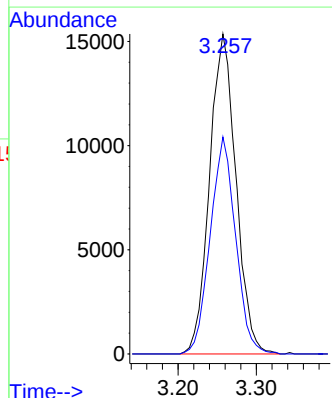
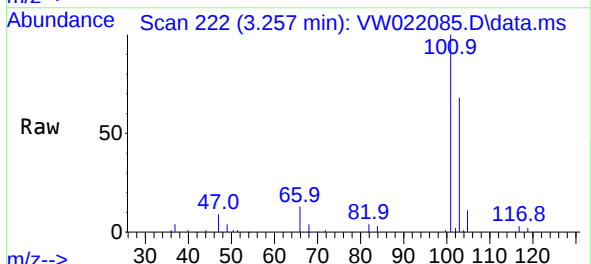
Acq: 21 Feb 2022 14:02

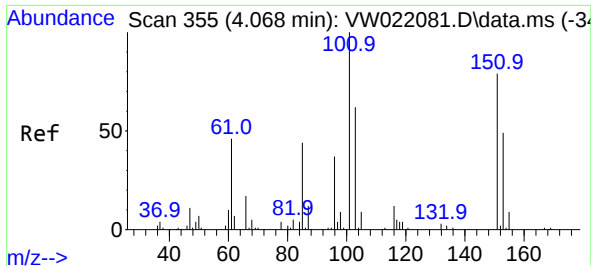
Tgt Ion: 101 Resp: 35996

Ion Ratio Lower Upper

101 100

103 65.3 52.9 79.3

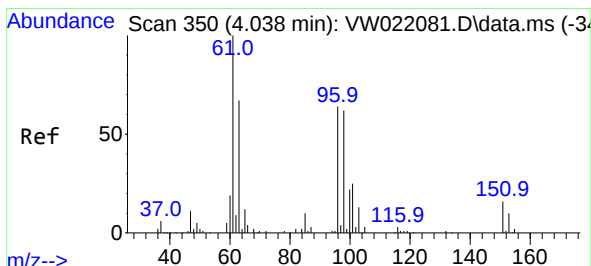
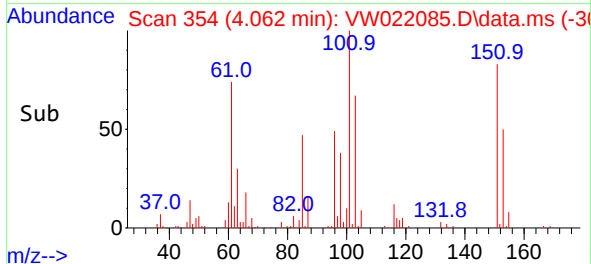
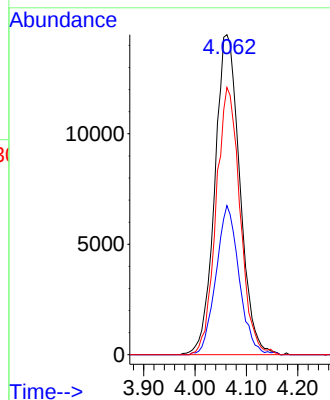
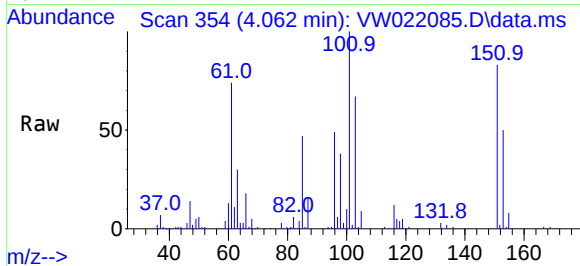




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 22.558 ug/L
 RT: 4.062 min Scan# 310
 Delta R.T. -0.006 min
 Lab File: VW022085.D
 Acq: 21 Feb 2022 14:02

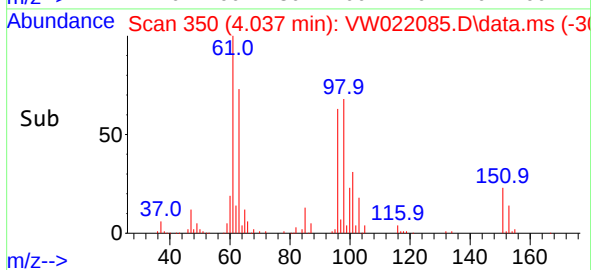
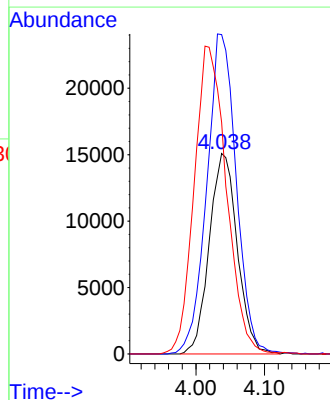
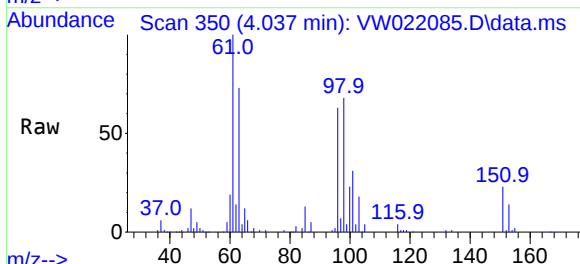
Instrument :
 MSVOA_W
 ClientSampleId :
 GBD34MS

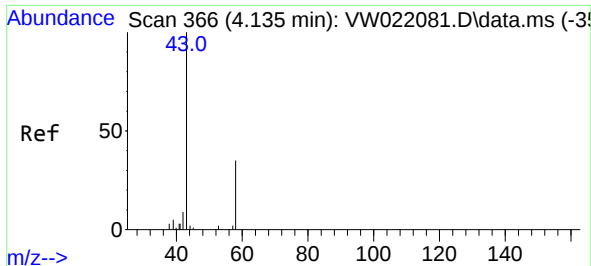
Tgt Ion:101 Resp: 49084
 Ion Ratio Lower Upper
 101 100
 85 42.9 36.8 55.2
 151 79.6 64.1 96.1



#12
 1,1-Dichloroethene
 Concen: 21.302 ug/L
 RT: 4.037 min Scan# 350
 Delta R.T. -0.000 min
 Lab File: VW022085.D
 Acq: 21 Feb 2022 14:02

Tgt Ion: 96 Resp: 42776
 Ion Ratio Lower Upper
 96 100
 61 159.2 111.5 207.1
 63 115.5 83.1 154.3





#13

Acetone

Concen: 45.515 ug/L

RT: 4.135 min Scan# 366

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

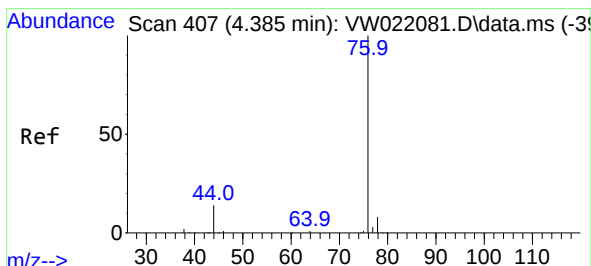
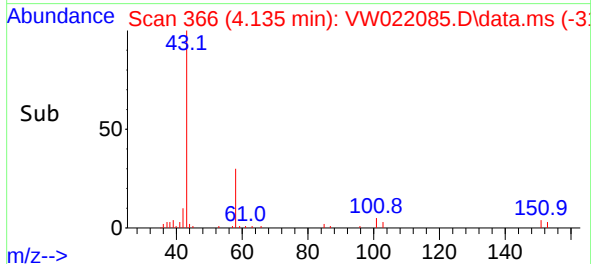
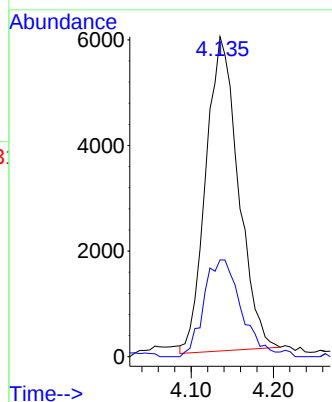
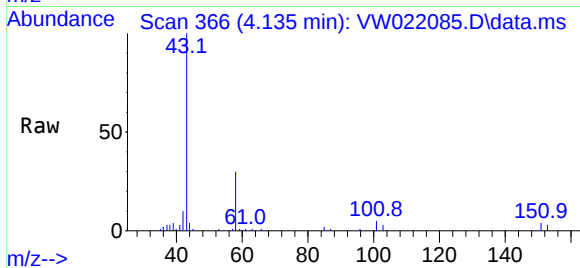
GBD34MS

Tgt Ion: 43 Resp: 16368

Ion Ratio Lower Upper

43 100

58 35.2 0.0 66.0



#14

Carbon disulfide

Concen: 19.001 ug/L

RT: 4.385 min Scan# 407

Delta R.T. -0.000 min

Lab File: VW022085.D

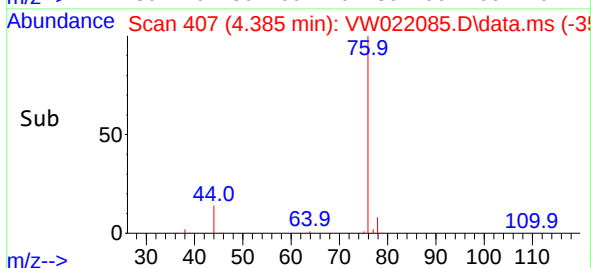
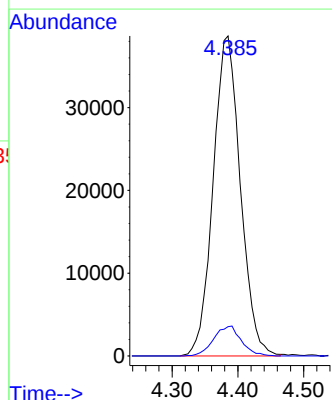
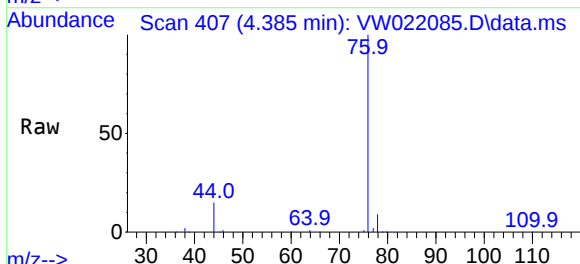
Acq: 21 Feb 2022 14:02

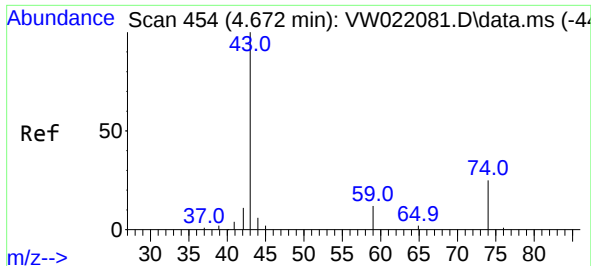
Tgt Ion: 76 Resp: 111291

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.2

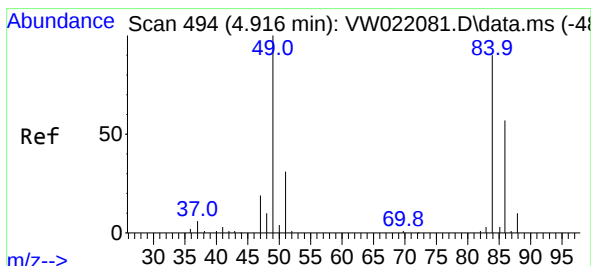
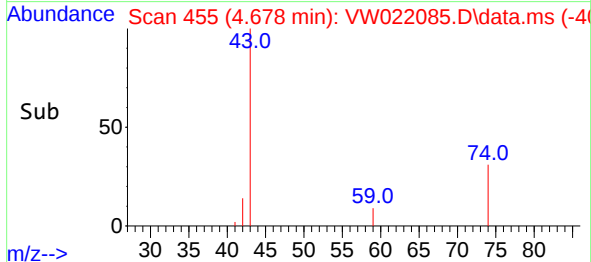
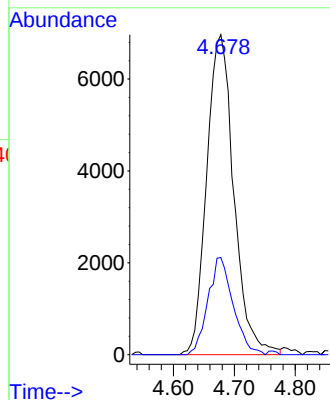
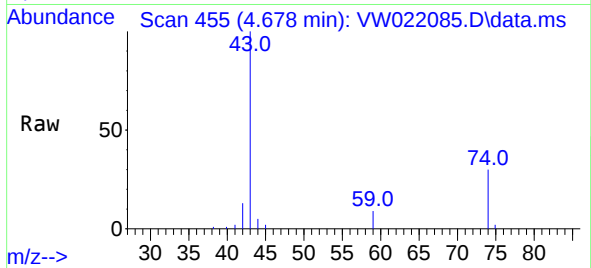




#15
Methyl Acetate
Concen: 32.826 ug/L
RT: 4.678 min Scan# 419
Delta R.T. 0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

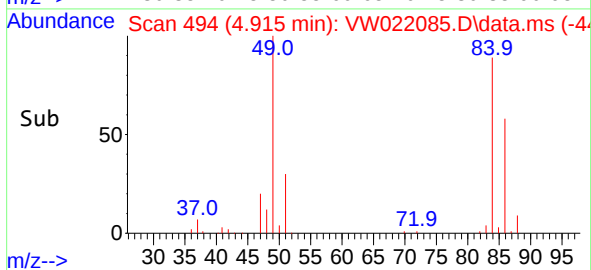
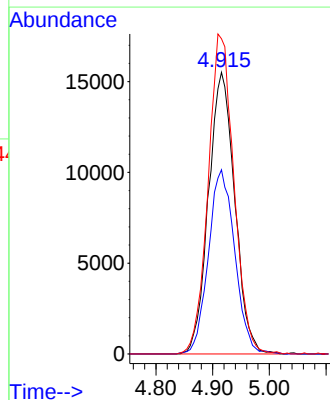
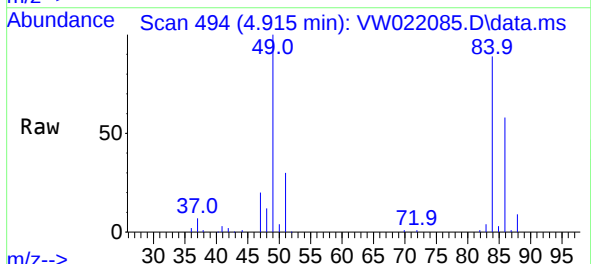
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

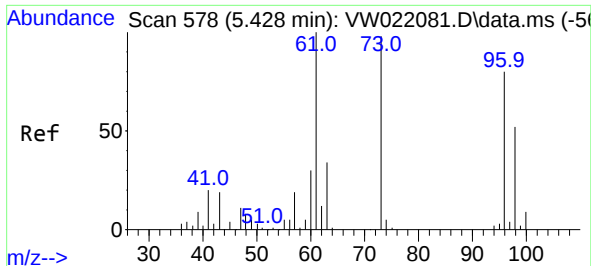
Tgt Ion: 43 Resp: 21587
Ion Ratio Lower Upper
43 100
74 28.1 18.0 27.0#



#16
Methylene chloride
Concen: 23.735 ug/L
RT: 4.915 min Scan# 494
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 84 Resp: 49846
Ion Ratio Lower Upper
84 100
86 65.4 44.1 81.9
49 111.9 74.7 138.7

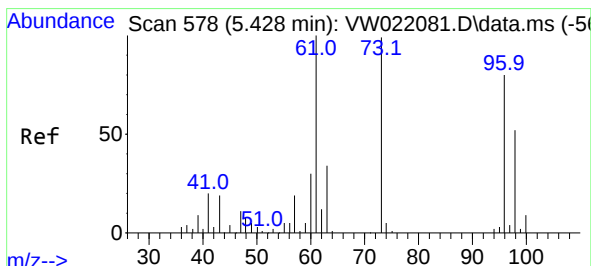
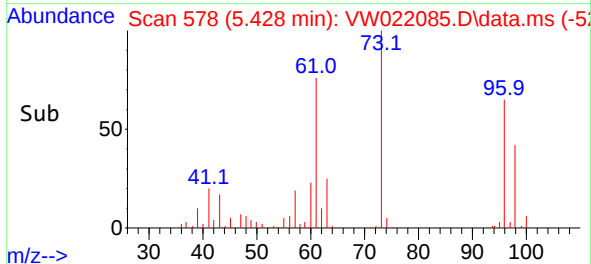
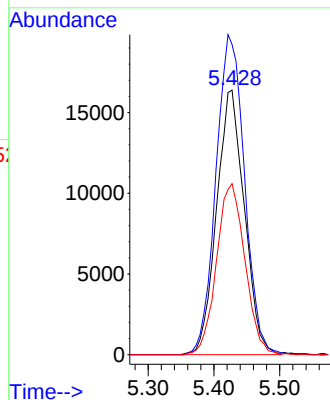
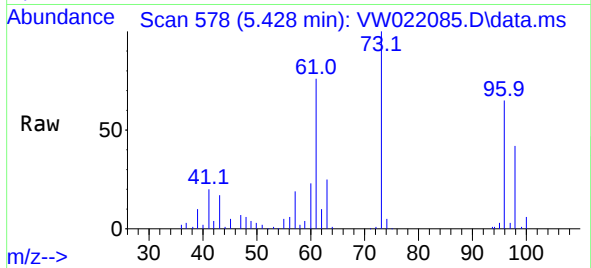




#17
trans-1,2-Dichloroethene
Concen: 21.506 ug/L
RT: 5.428 min Scan# 517
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

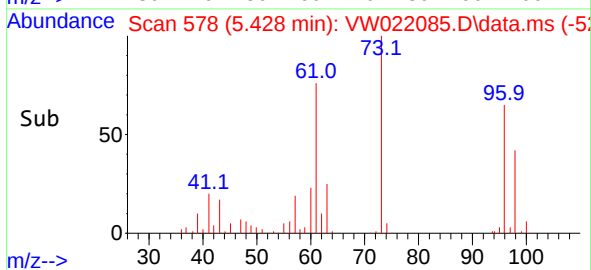
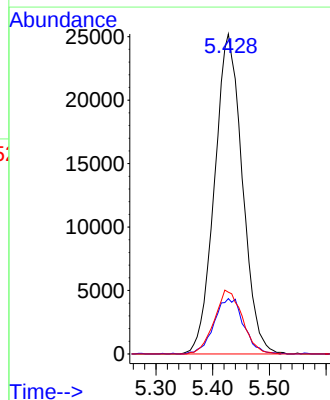
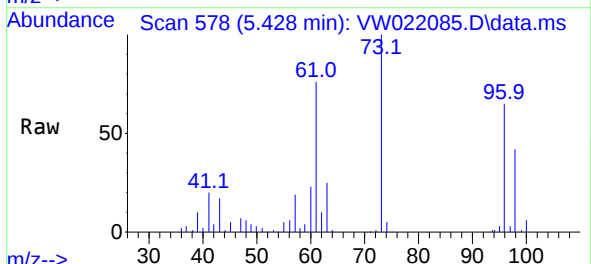
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

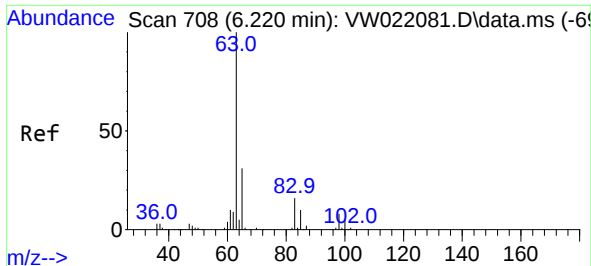
Tgt Ion: 96 Resp: 48156
Ion Ratio Lower Upper
96 100
61 117.2 84.3 156.5
98 64.7 44.6 82.8



#18
Methyl tert-butyl Ether
Concen: 29.848 ug/L
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 73 Resp: 85699
Ion Ratio Lower Upper
73 100
43 11.6 15.3 22.9#
57 20.2 16.3 24.5





#19

1,1-Dichloroethane

Concen: 23.259 ug/L

RT: 6.214 min Scan# 708

Delta R.T. -0.006 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

GBD34MS

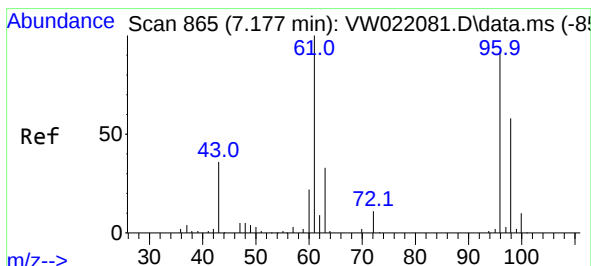
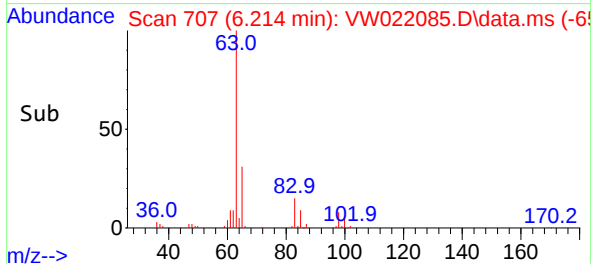
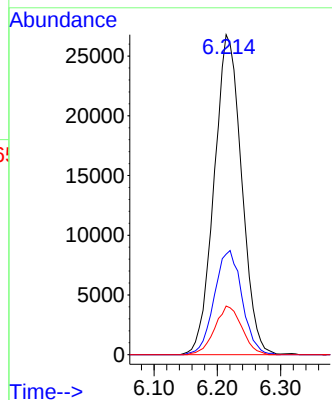
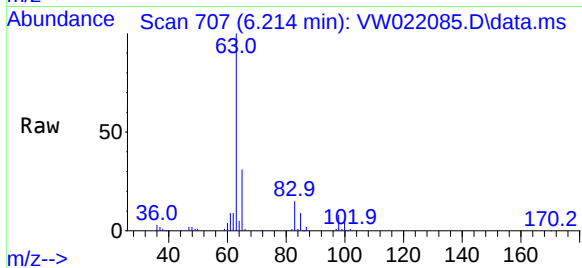
Tgt Ion: 63 Resp: 80692

Ion Ratio Lower Upper

63 100

65 31.4 20.9 38.7

83 15.2 10.2 19.0



#20

cis-1,2-Dichloroethene

Concen: 23.971 ug/L

RT: 7.171 min Scan# 864

Delta R.T. -0.006 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

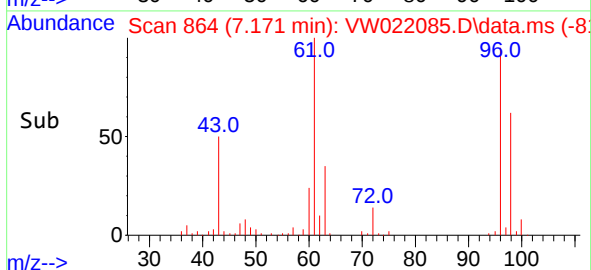
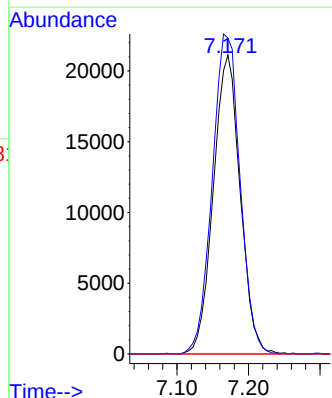
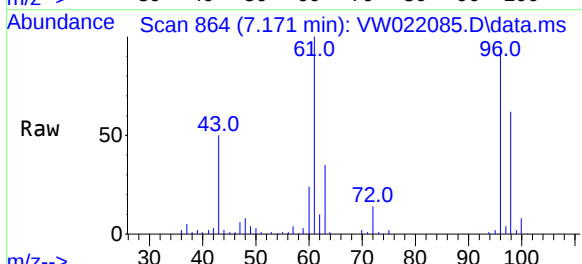
Tgt Ion: 96 Resp: 55081

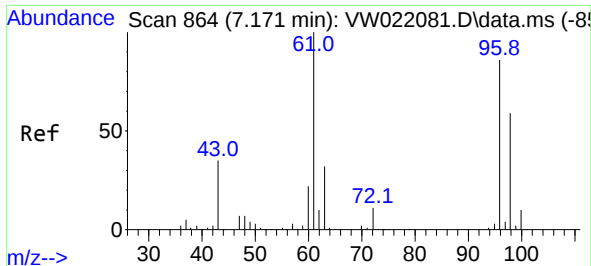
Ion Ratio Lower Upper

96 100

61 105.7 79.0 146.8

68 0.0 0.0 0.0

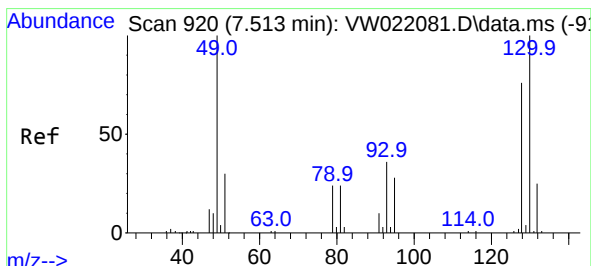
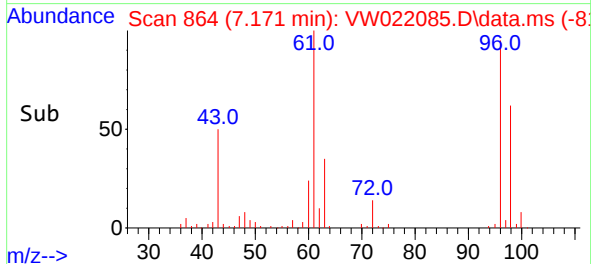
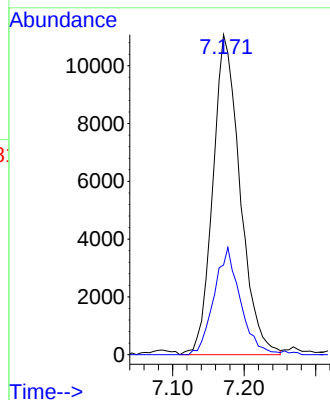
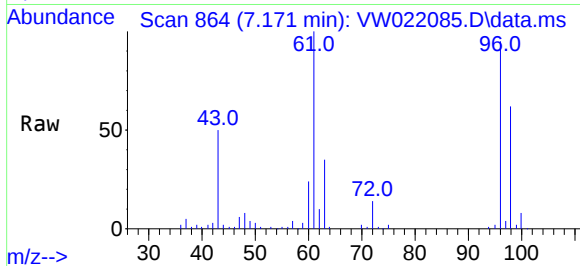




#22
2-Butanone
Concen: 62.847 ug/L
RT: 7.171 min Scan# 864
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

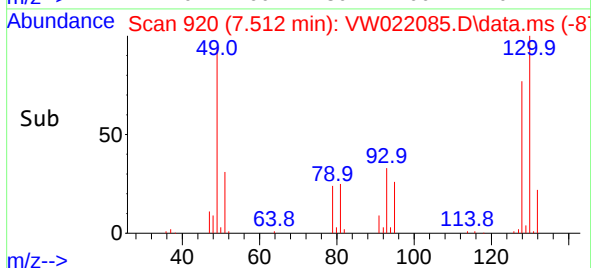
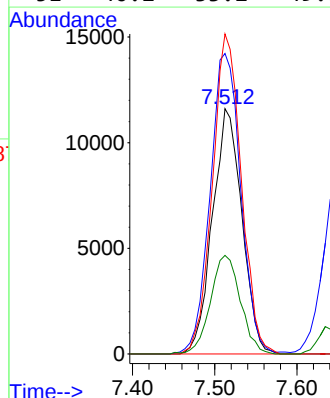
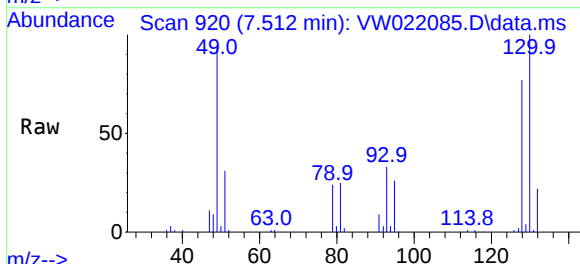
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

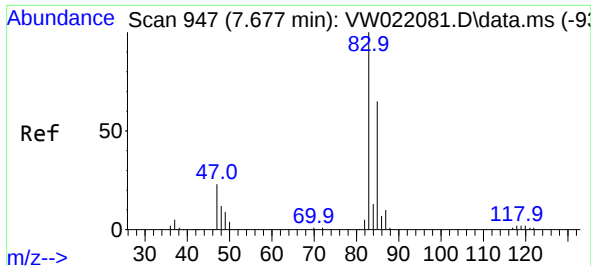
Tgt Ion: 43 Resp: 29262
Ion Ratio Lower Upper
43 100
72 32.3 16.8 50.4



#23
Bromochloromethane
Concen: 25.528 ug/L
RT: 7.512 min Scan# 920
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 128 Resp: 28884
Ion Ratio Lower Upper
128 100
49 122.5 92.7 172.3
130 130.4 92.5 171.7
51 40.2 33.2 49.8

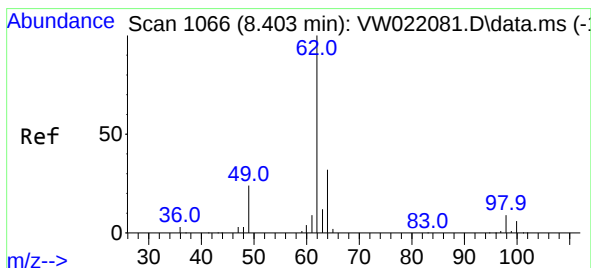
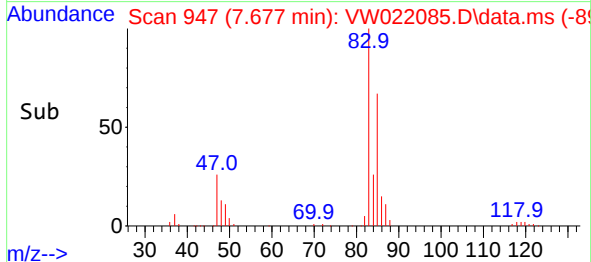
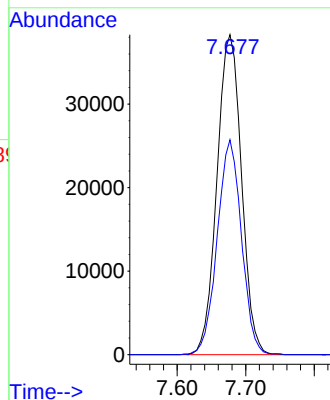
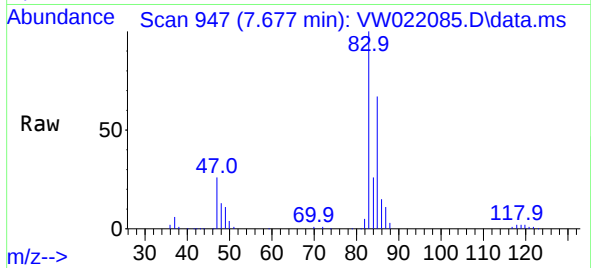




#25
Chloroform
Concen: 24.248 ug/L
RT: 7.677 min Scan# 94
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

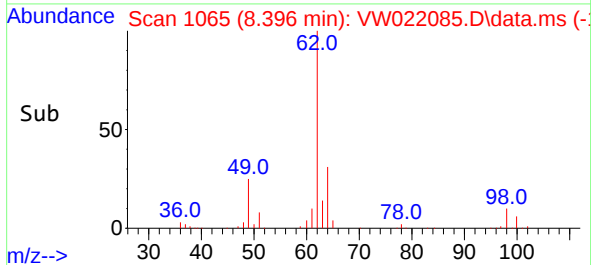
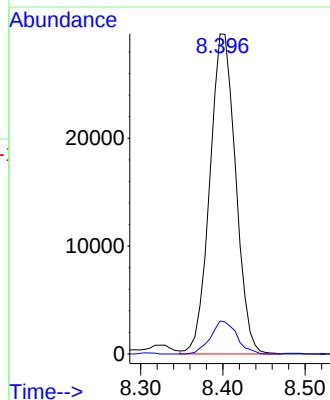
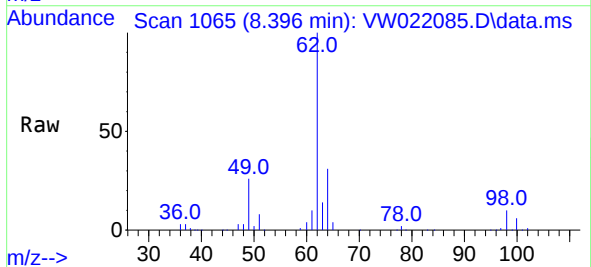
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

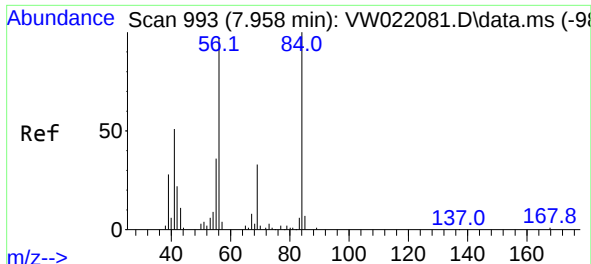
Tgt Ion: 83 Resp: 95222
Ion Ratio Lower Upper
83 100
85 67.2 44.2 82.2



#27
1,2-Dichloroethane
Concen: 28.068 ug/L
RT: 8.396 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 62 Resp: 64881
Ion Ratio Lower Upper
62 100
98 10.3 8.8 13.2





#29

Cyclohexane

Concen: 20.898 ug/L

RT: 7.958 min Scan# 993

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

GBD34MS

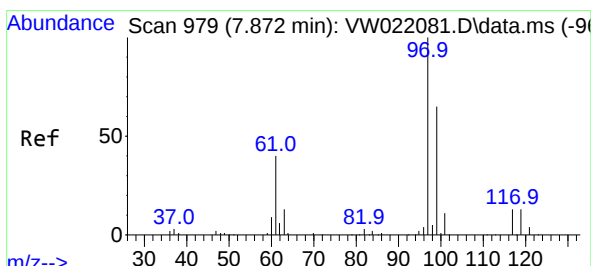
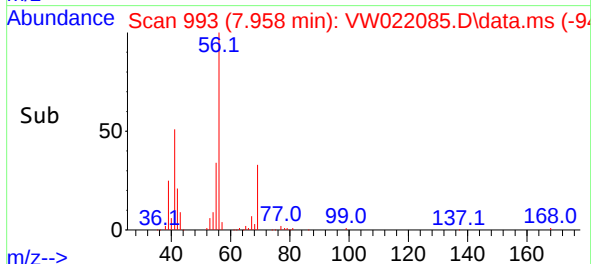
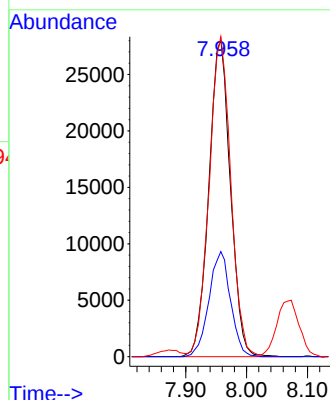
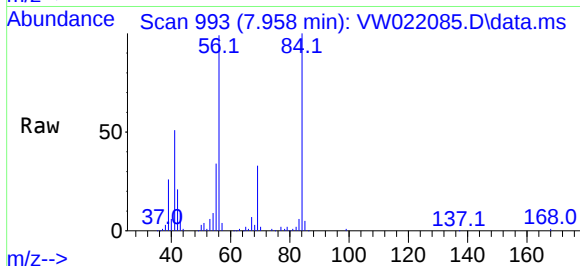
Tgt Ion: 56 Resp: 69010

Ion Ratio Lower Upper

56 100

69 33.2 26.3 39.5

84 101.3 82.3 123.5



#30

1,1,1-Trichloroethane

Concen: 22.047 ug/L

RT: 7.872 min Scan# 979

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

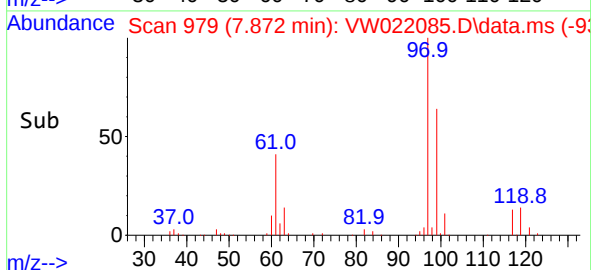
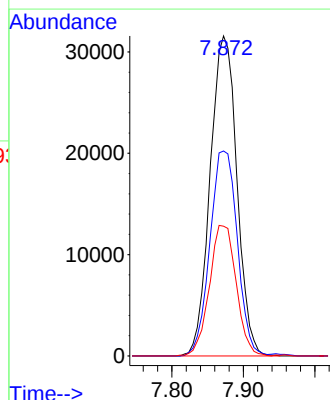
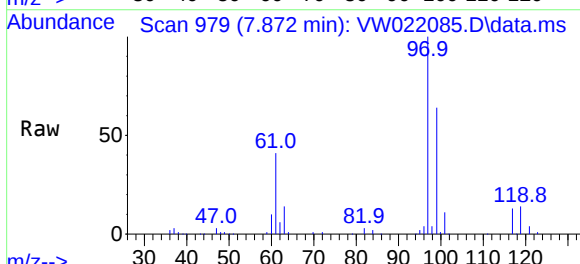
Tgt Ion: 97 Resp: 82078

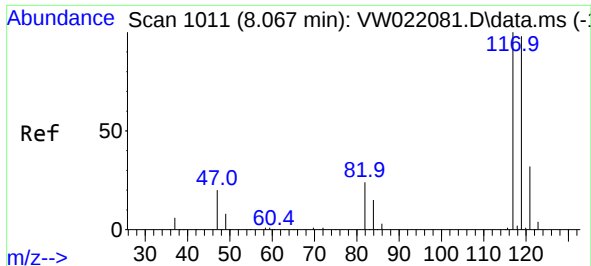
Ion Ratio Lower Upper

97 100

99 65.6 51.6 77.4

61 40.9 32.3 48.5

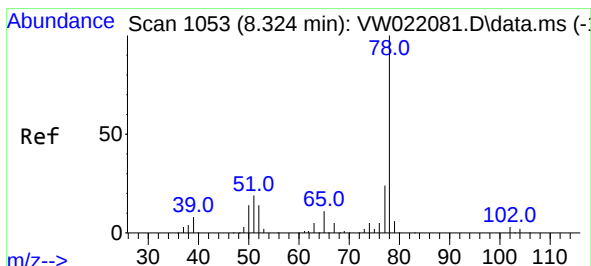
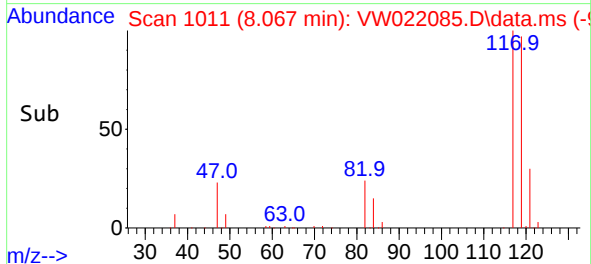
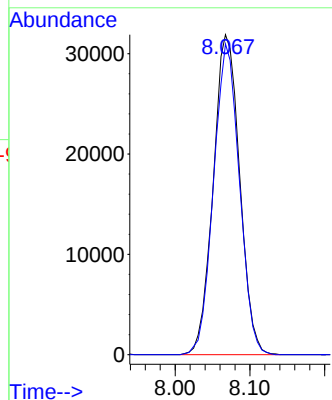
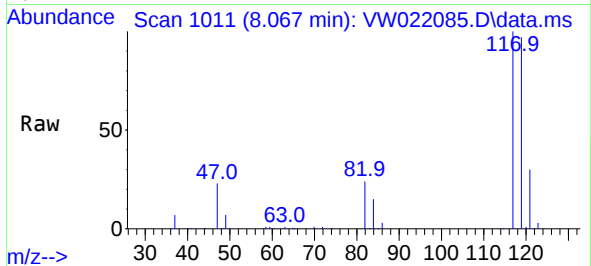




#31
Carbon tetrachloride
Concen: 21.489 ug/L
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

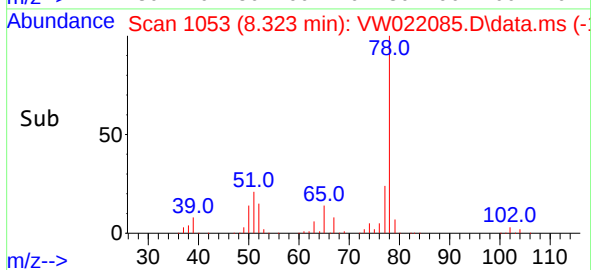
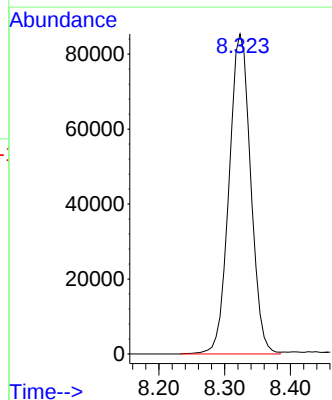
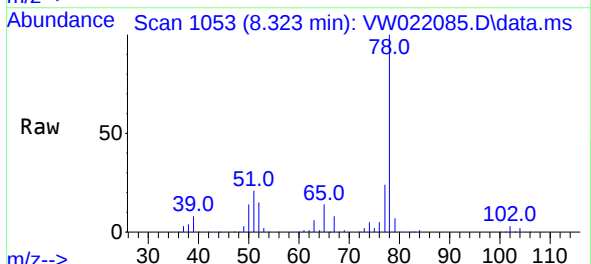
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

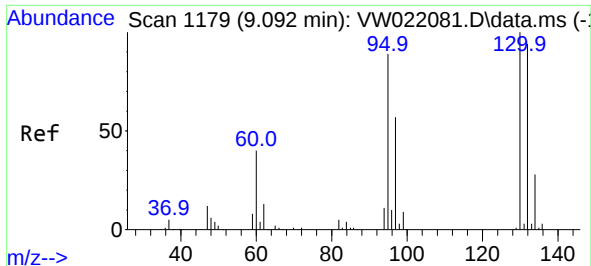
Tgt Ion:117 Resp: 78305
Ion Ratio Lower Upper
117 100
119 95.0 74.7 112.1



#33
Benzene
Concen: 22.137 ug/L
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 78 Resp: 195251

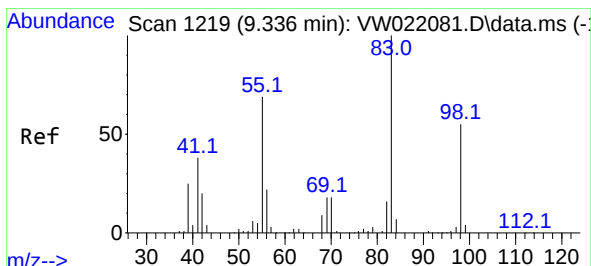
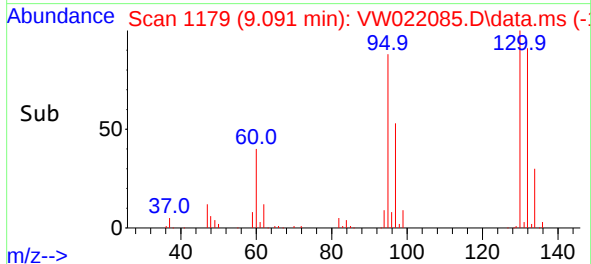
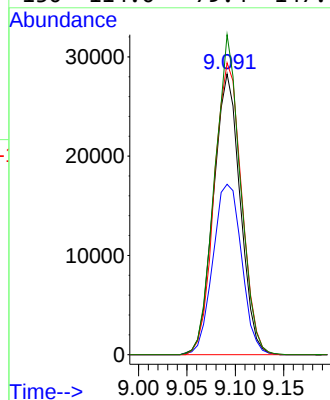
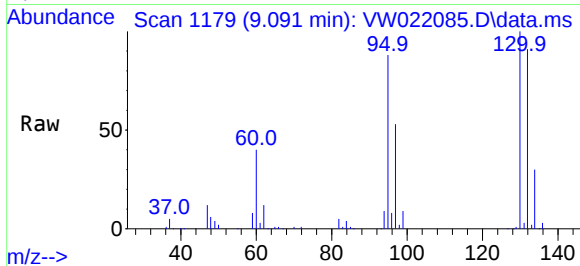




#34
Trichloroethene
Concen: 21.677 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

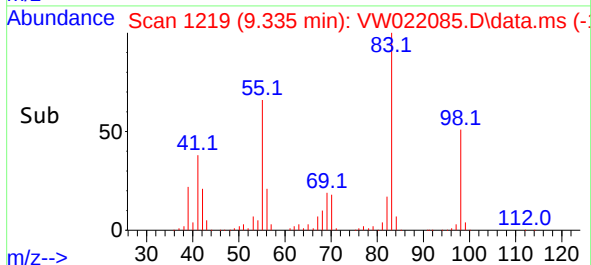
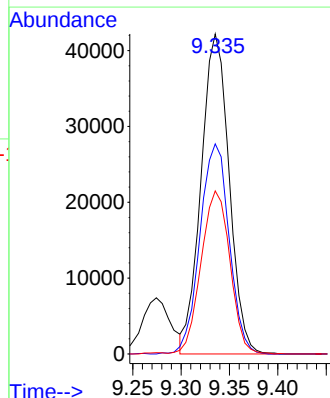
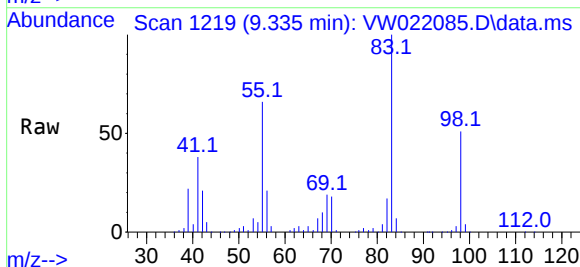
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

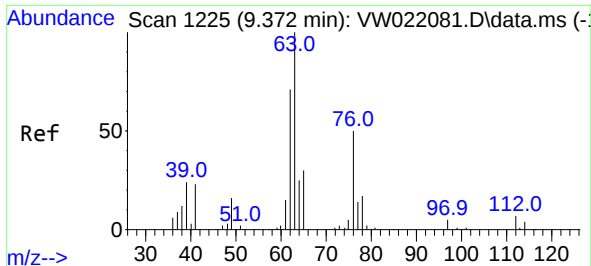
Tgt Ion: 95 Resp: 54361
Ion Ratio Lower Upper
95 100
97 60.7 45.1 83.7
132 103.9 76.1 141.3
130 114.0 79.4 147.4



#35
Methylcyclohexane
Concen: 20.143 ug/L
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 83 Resp: 85222
Ion Ratio Lower Upper
83 100
55 68.2 53.4 80.2
98 52.5 42.6 63.8





#37

1,2-Dichloropropane

Concen: 24.967 ug/L

RT: 9.366 min Scan# 11

Delta R.T. -0.006 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

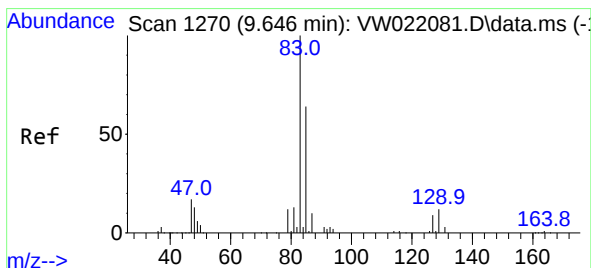
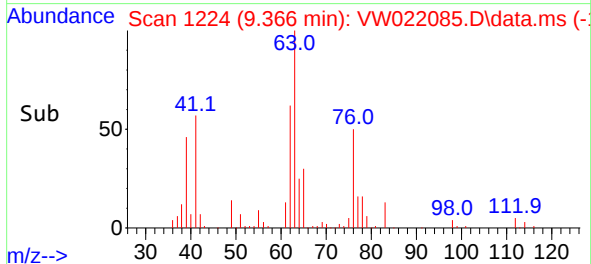
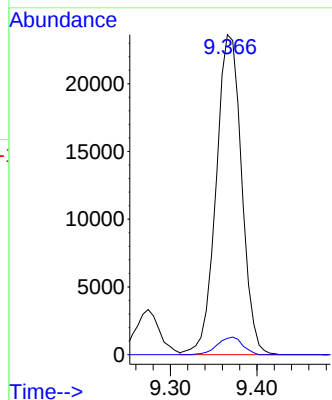
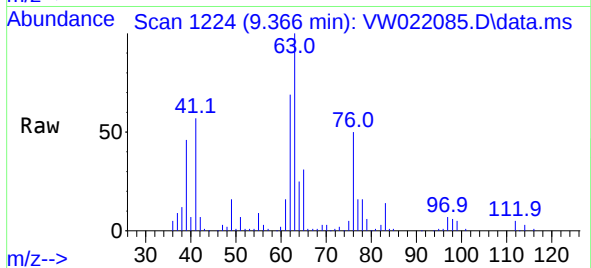
GBD34MS

Tgt Ion: 63 Resp: 48366

Ion Ratio Lower Upper

63 100

112 5.4 4.7 7.1



#38

Bromodichloromethane

Concen: 25.595 ug/L

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

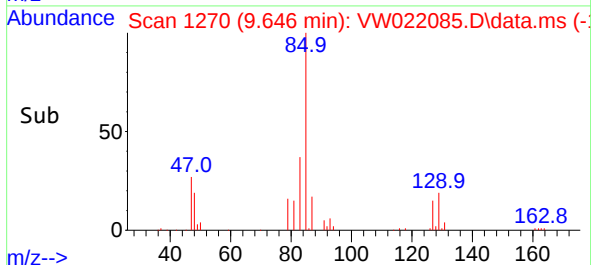
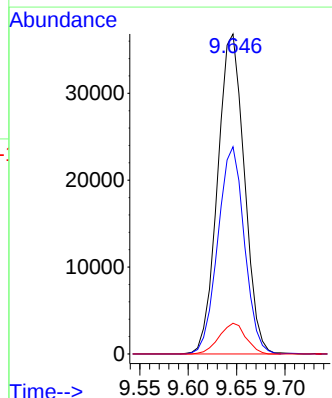
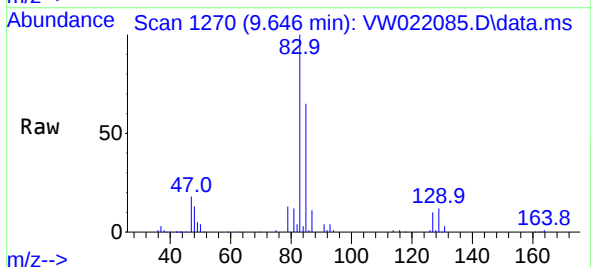
Tgt Ion: 83 Resp: 70808

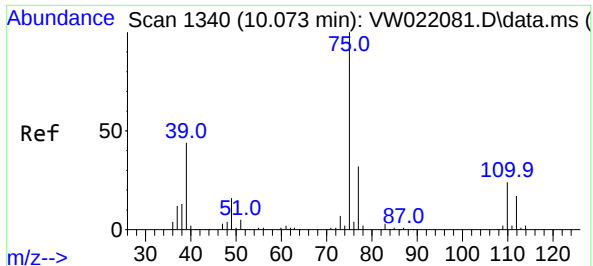
Ion Ratio Lower Upper

83 100

85 64.7 44.7 83.1

127 9.6 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 25.913 ug/L

RT: 10.073 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

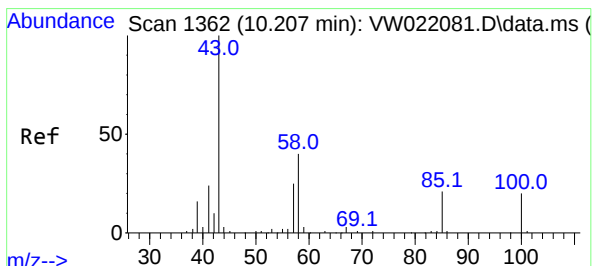
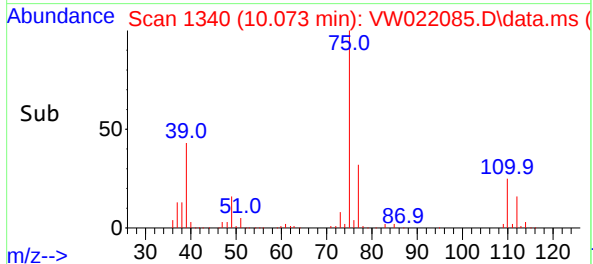
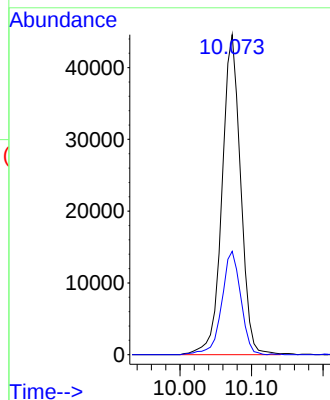
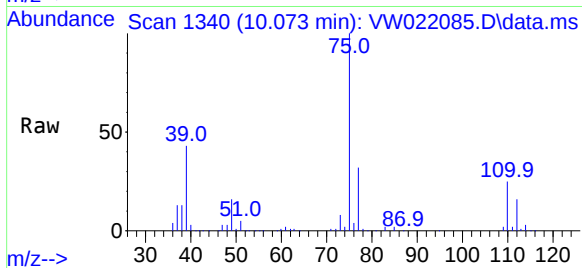
GBD34MS

Tgt Ion: 75 Resp: 80515

Ion Ratio Lower Upper

75 100

77 32.3 21.9 40.7



#40

4-Methyl-2-pentanone

Concen: 75.953 ug/L

RT: 10.207 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

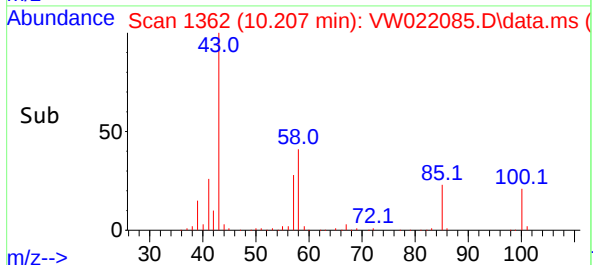
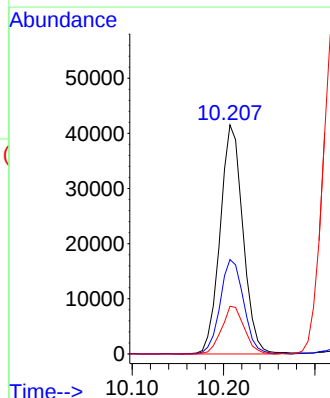
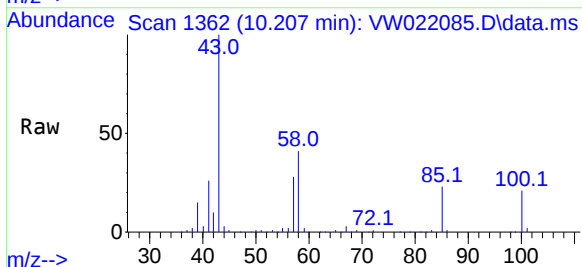
Tgt Ion: 43 Resp: 72191

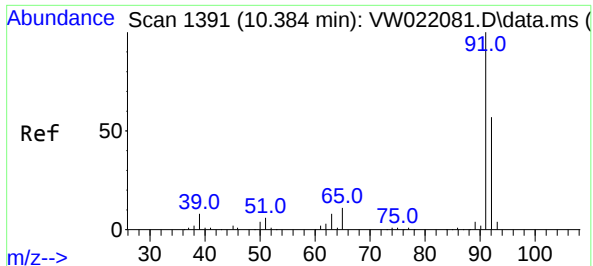
Ion Ratio Lower Upper

43 100

58 42.3 34.4 51.6

100 20.6 17.0 25.4

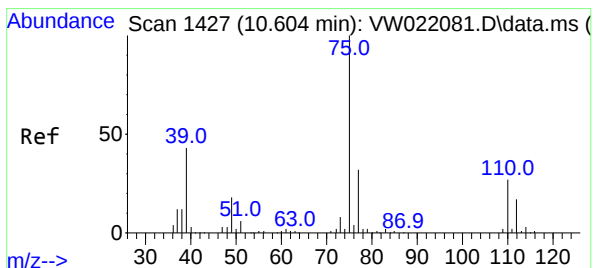
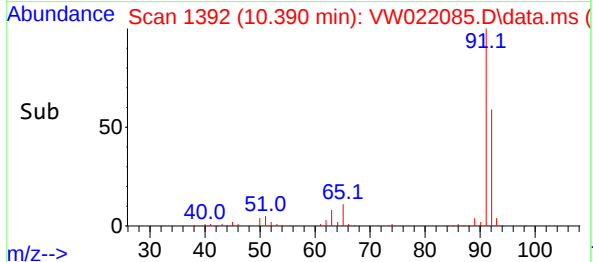
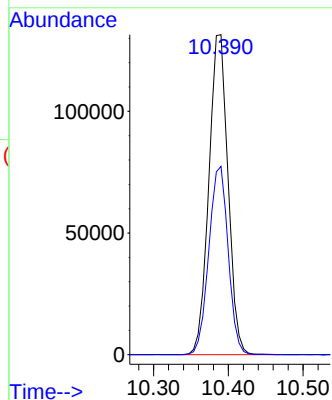
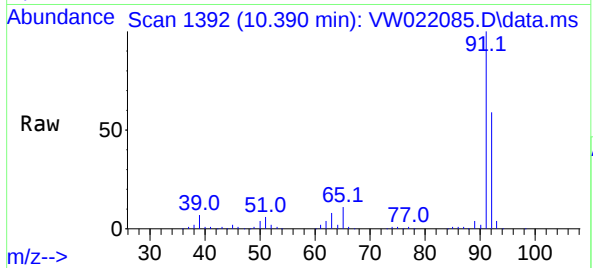




#42
Toluene
Concen: 23.412 ug/L
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

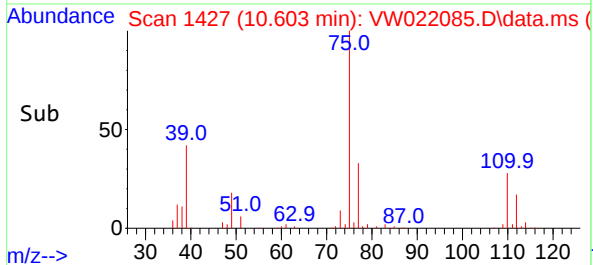
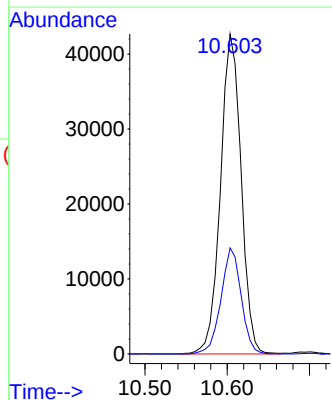
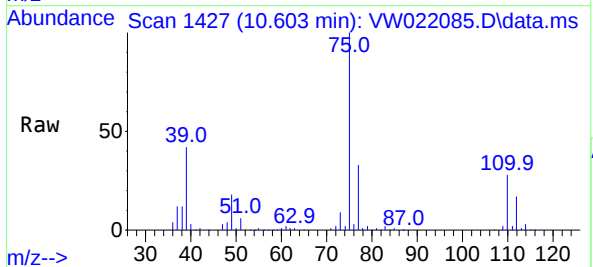
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

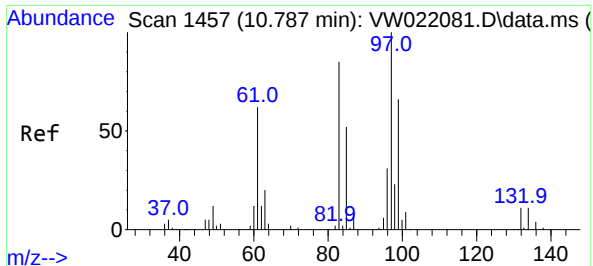
Tgt Ion: 91 Resp: 234070
Ion Ratio Lower Upper
91 100
92 58.9 42.6 79.2



#44
trans-1,3-Dichloropropene
Concen: 27.828 ug/L
RT: 10.603 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 75 Resp: 74537
Ion Ratio Lower Upper
75 100
77 33.2 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 28.590 ug/L

RT: 10.786 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

GBD34MS

Tgt Ion: 97 Resp: 47074

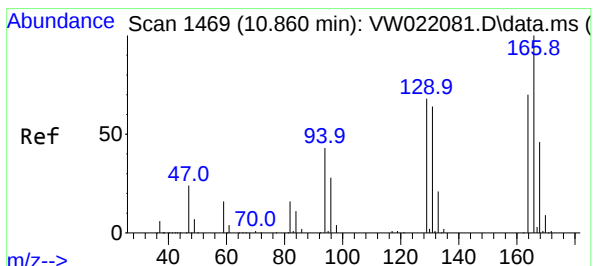
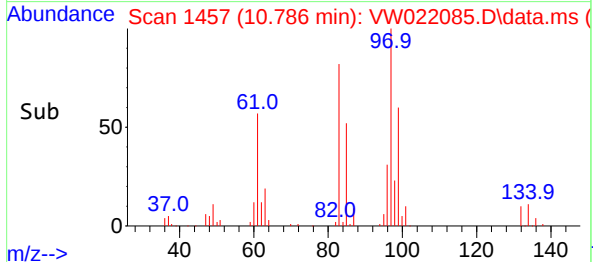
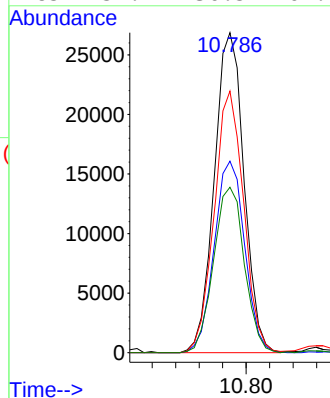
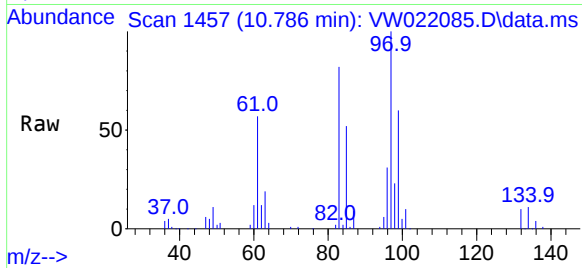
Ion Ratio Lower Upper

97 100

99 59.8 43.8 81.4

83 81.8 56.1 104.3

85 51.7 36.5 67.7



#46

Tetrachloroethene

Concen: 21.296 ug/L

RT: 10.859 min Scan# 1469

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Tgt Ion:164 Resp: 49779

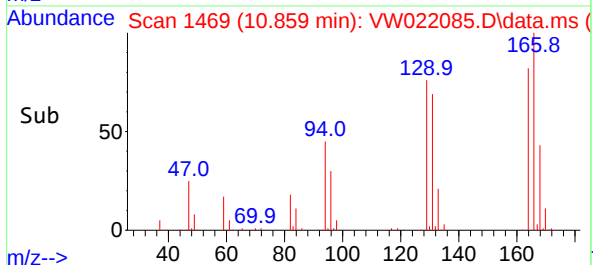
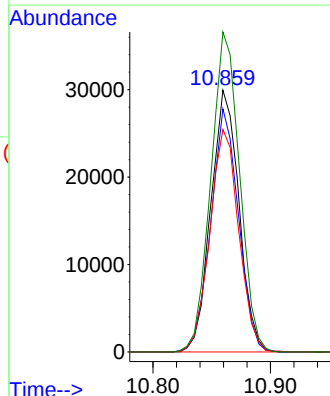
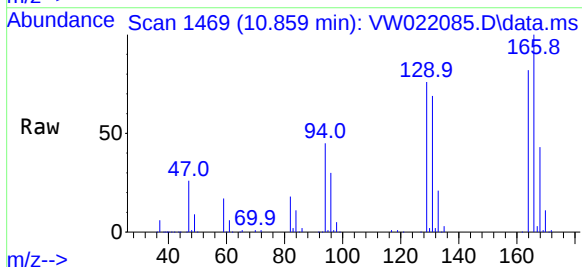
Ion Ratio Lower Upper

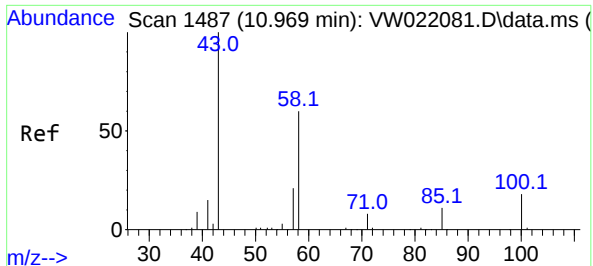
164 100

129 92.8 62.6 116.2

131 84.9 67.1 124.7

166 122.2 91.1 169.1



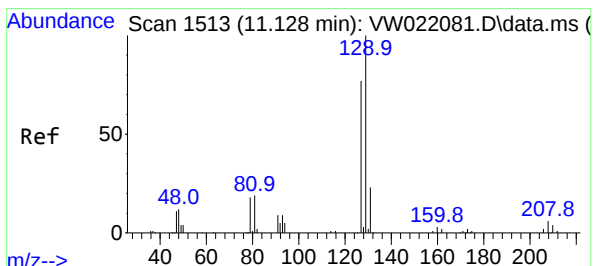
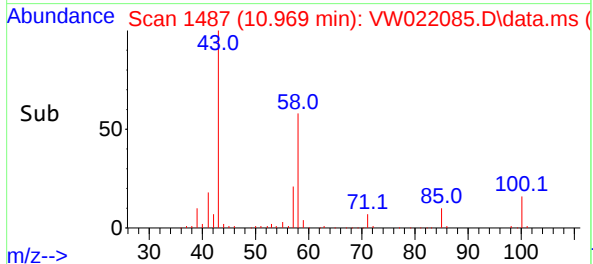
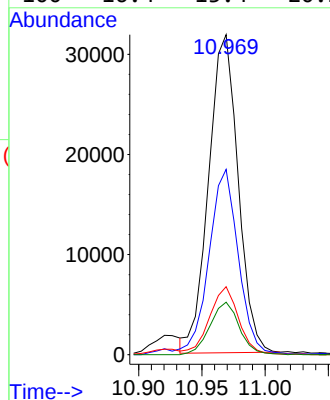
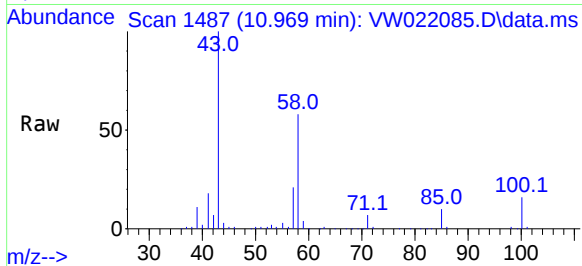


#48
2-Hexanone
Concen: 72.975 ug/L
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

Tgt Ion: 43 Resp: 51626

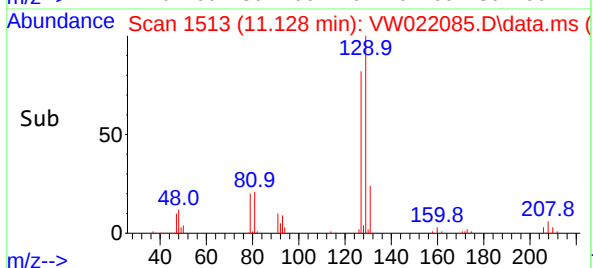
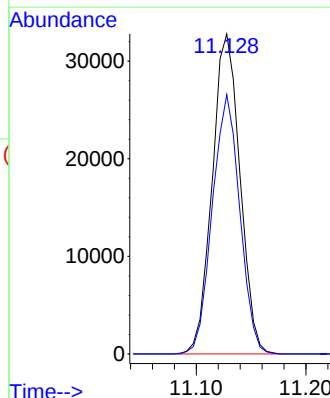
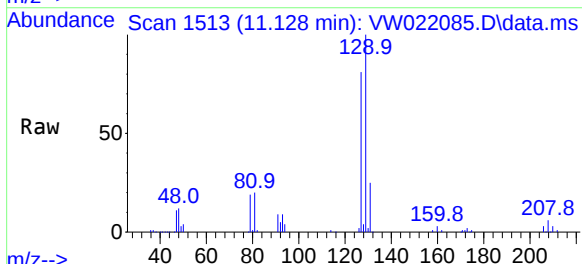
Ion	Ratio	Lower	Upper
43	100		
58	57.6	49.2	73.8
57	21.2	16.6	24.8
100	16.4	13.4	20.2

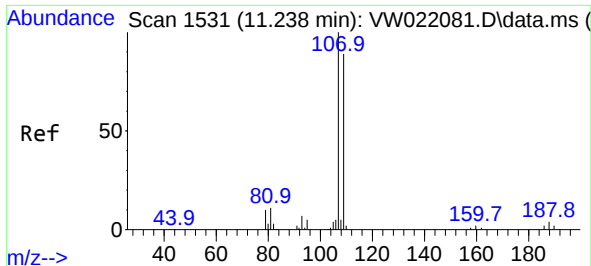


#49
Dibromochloromethane
Concen: 27.872 ug/L
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 129 Resp: 57791

Ion	Ratio	Lower	Upper
129	100		
127	81.1	52.6	97.6





#50

1,2-Dibromoethane

Concen: 29.402 ug/L

RT: 11.237 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

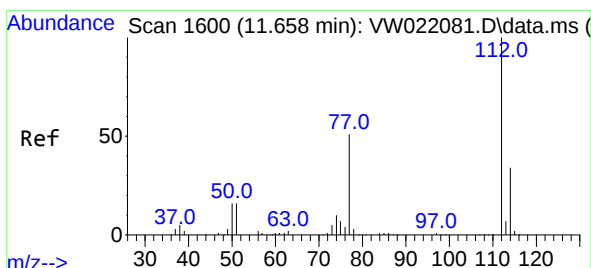
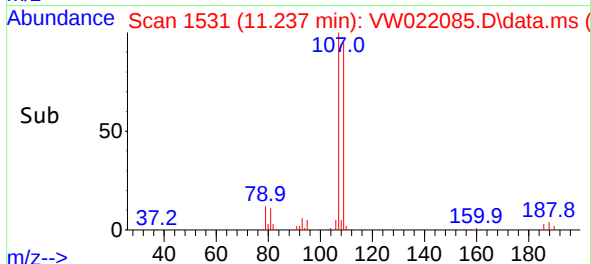
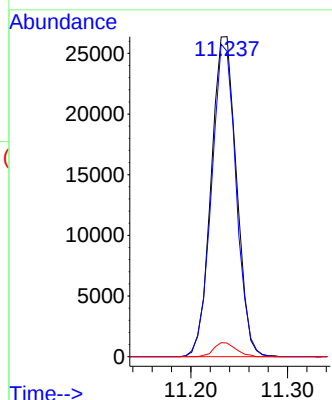
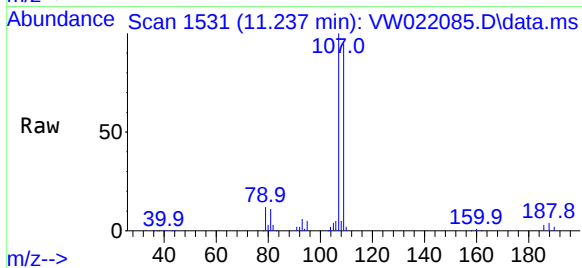
MSVOA_W

ClientSampleId :

GBD34MS

Tgt Ion:107 Resp: 47931

Ion	Ratio	Lower	Upper
107	100		
109	95.4	68.0	126.2
188	4.2	3.2	4.8



#51

Chlorobenzene

Concen: 23.286 ug/L

RT: 11.658 min Scan# 1600

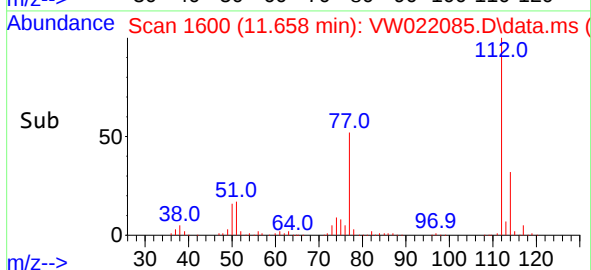
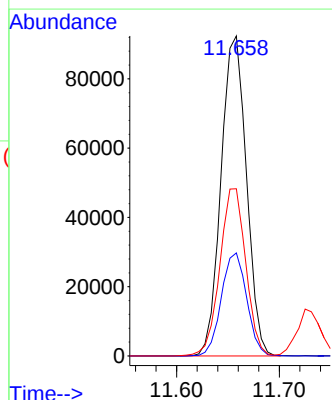
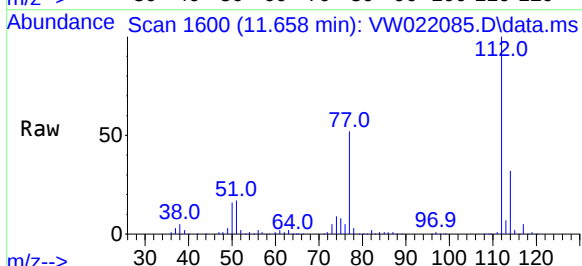
Delta R.T. -0.000 min

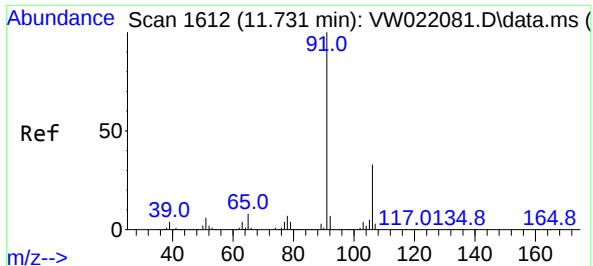
Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Tgt Ion:112 Resp: 158449

Ion	Ratio	Lower	Upper
112	100		
114	32.2	21.5	39.9
77	52.3	43.6	65.4





#52

Ethylbenzene

Concen: 22.772 ug/L

RT: 11.731 min Scan# 1

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

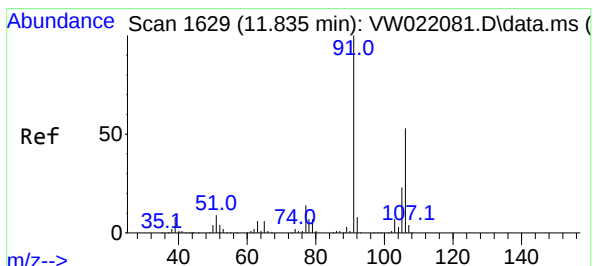
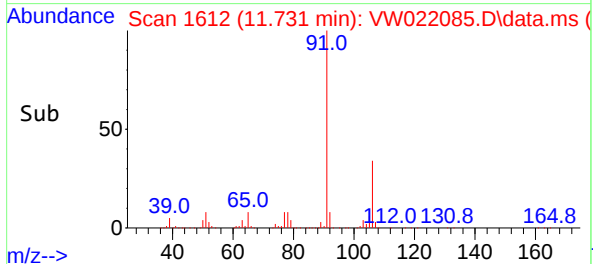
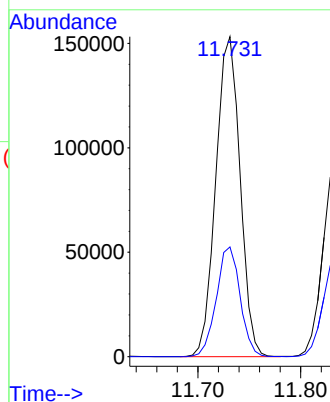
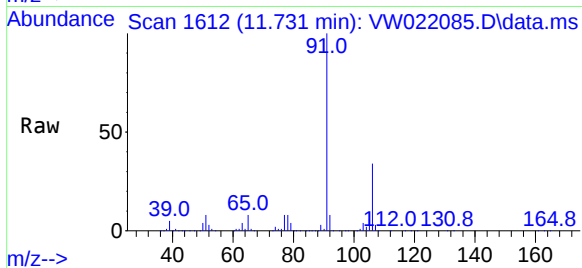
GBD34MS

Tgt Ion: 91 Resp: 251205

Ion Ratio Lower Upper

91 100

106 34.3 22.8 42.4



#53

m,p-Xylene

Concen: 22.441 ug/L

RT: 11.835 min Scan# 1629

Delta R.T. -0.000 min

Lab File: VW022085.D

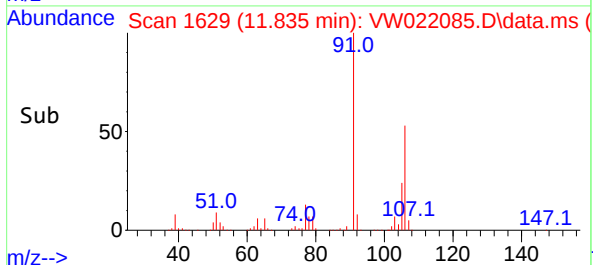
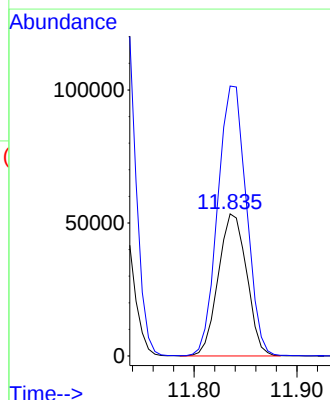
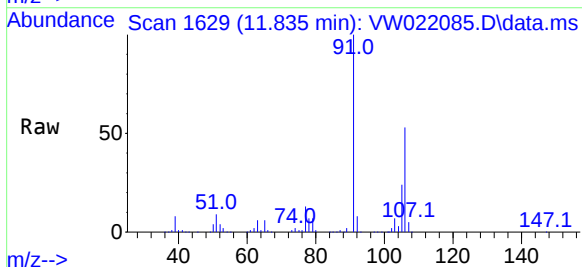
Acq: 21 Feb 2022 14:02

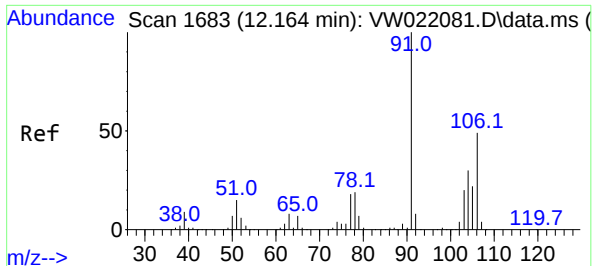
Tgt Ion:106 Resp: 102708

Ion Ratio Lower Upper

106 100

91 190.0 129.6 240.8

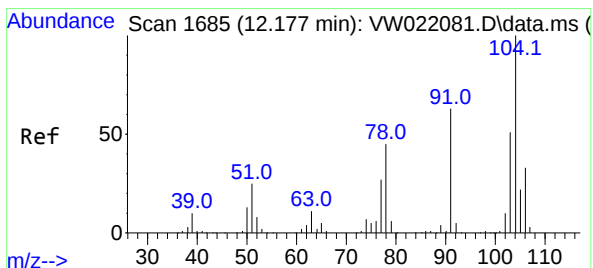
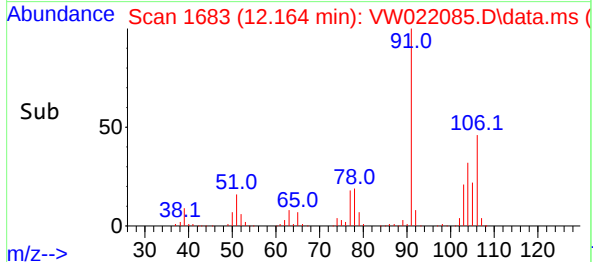
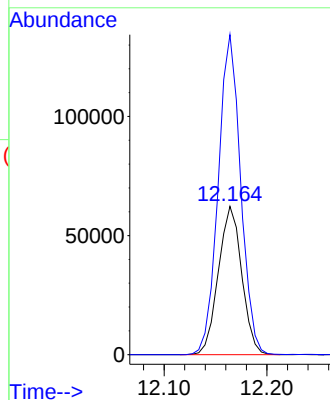
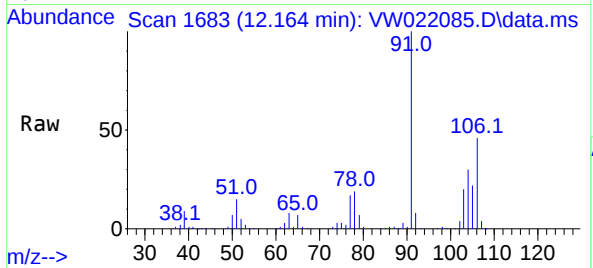




#54
o-Xylene
Concen: 22.931 ug/L
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

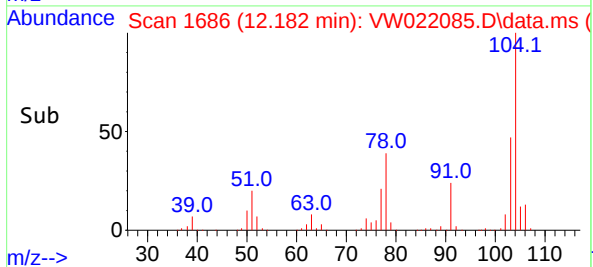
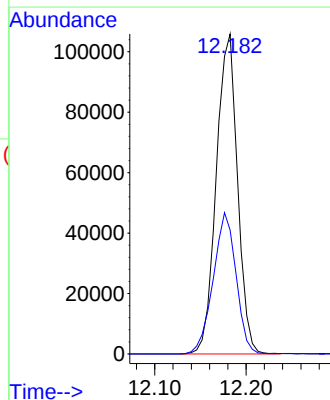
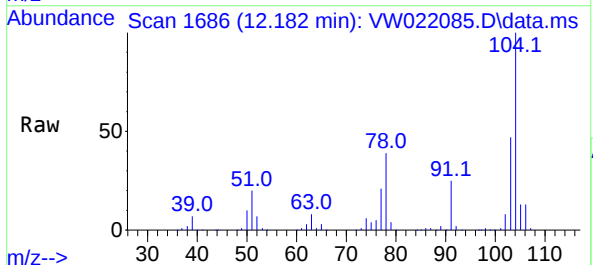
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

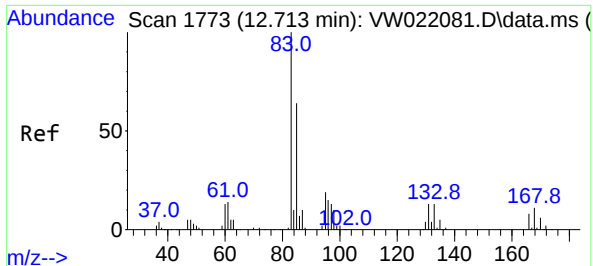
Tgt Ion:106 Resp: 98178
Ion Ratio Lower Upper
106 100
91 215.7 136.4 253.4



#55
Styrene
Concen: 24.731 ug/L
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion:104 Resp: 171032
Ion Ratio Lower Upper
104 100
78 38.7 30.9 57.5

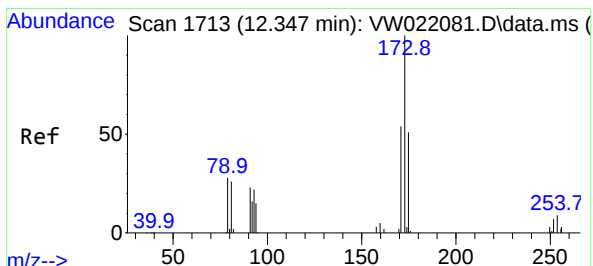
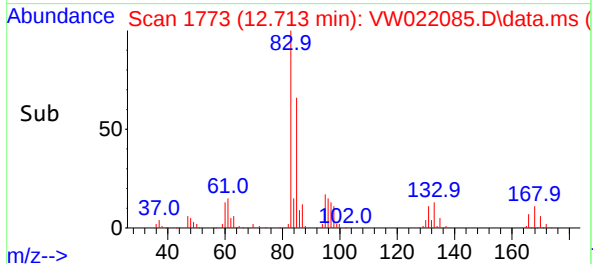
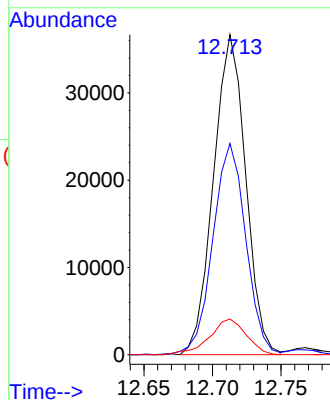
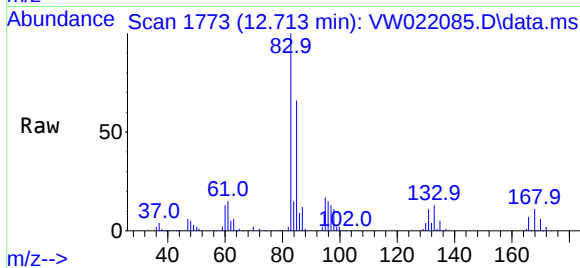




#57
1,1,2,2-Tetrachloroethane
Concen: 33.447 ug/L
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

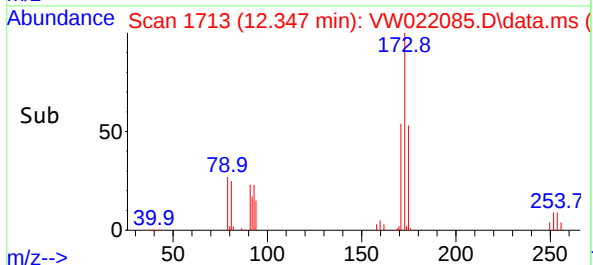
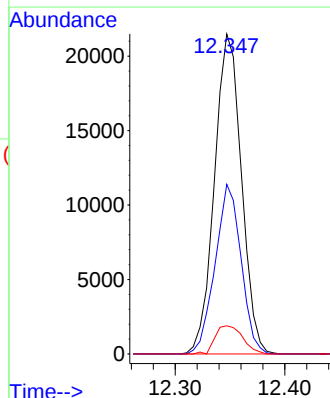
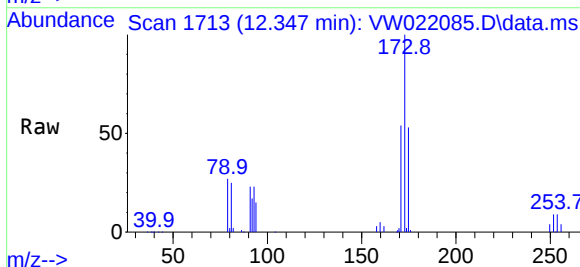
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

Tgt Ion:	83	Resp:	59945
Ion	Ratio	Lower	Upper
83	100		
85	66.0	43.8	81.3
131	11.1	9.8	14.8

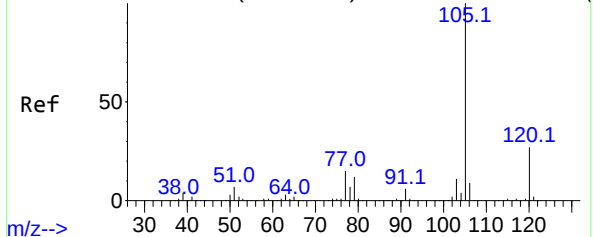


#59
Bromoform
Concen: 28.669 ug/L
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

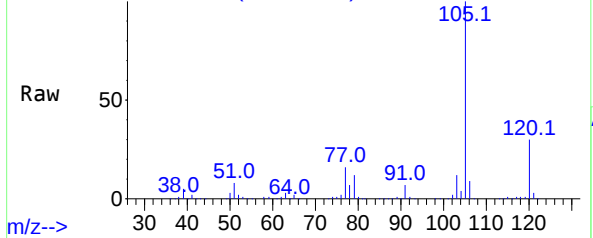
Tgt Ion:	173	Resp:	36742
Ion	Ratio	Lower	Upper
173	100		
175	51.0	41.0	61.4
254	8.8	3.4	5.2



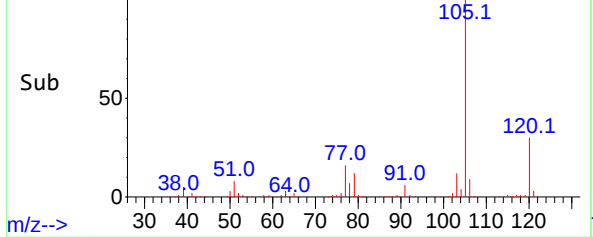
Abundance Scan 1732 (12.463 min): VW022081.D\data.ms (



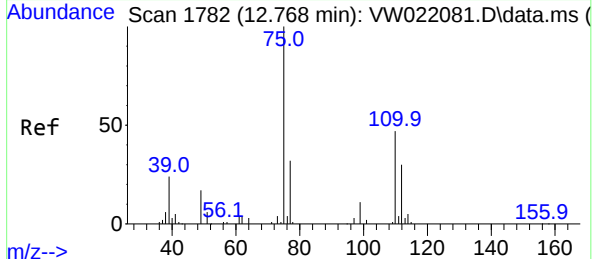
Ref 50 m/z--> Abundance Scan 1732 (12.463 min): VW022085.D\data.ms



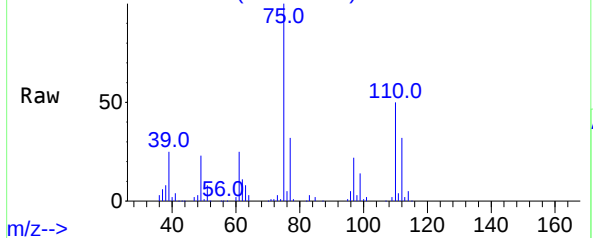
Raw 50 m/z--> Abundance Scan 1732 (12.463 min): VW022085.D\data.ms (



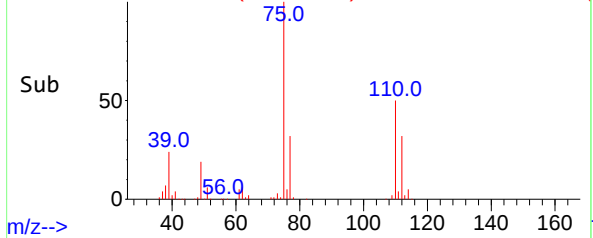
Sub 50 m/z--> Abundance Scan 1732 (12.463 min): VW022085.D\data.ms (



Ref 50 m/z--> Abundance Scan 1782 (12.768 min): VW022081.D\data.ms (



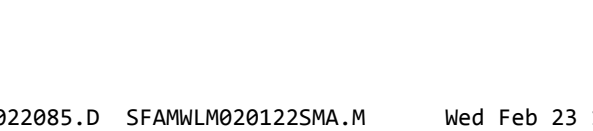
Raw 50 m/z--> Abundance Scan 1782 (12.768 min): VW022085.D\data.ms



Sub 50 m/z--> Abundance Scan 1782 (12.768 min): VW022085.D\data.ms (



Time--> Abundance Scan 1732 (12.463 min): VW022085.D\data.ms (



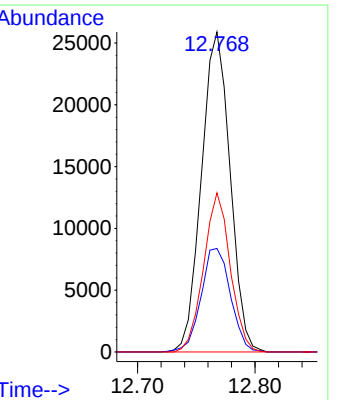
#60
Isopropylbenzene
Concen: 20.504 ug/L
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

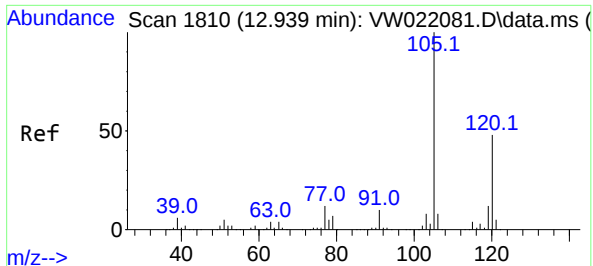
Tgt Ion:	105	Resp:	259955
Ion Ratio	Lower	Upper	
105	100		
120	29.1	22.1	33.1
77	15.3	11.8	17.8

Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

#61
1,2,3-Trichloropropane
Concen: 30.968 ug/L
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion:	75	Resp:	43778
Ion Ratio	Lower	Upper	
75	100		
77	33.4	27.3	40.9
110	46.4	36.4	54.6





#62

1,3,5-Trimethylbenzene

Concen: 21.753 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VW022085.D

Acq: 21 Feb 2022 14:02

Instrument :

MSVOA_W

ClientSampleId :

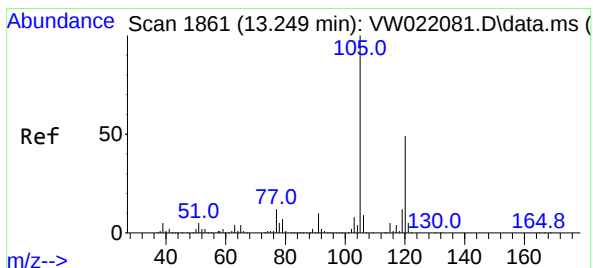
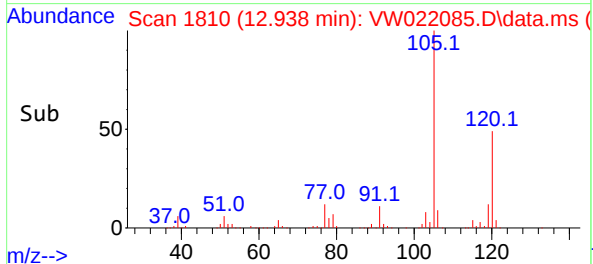
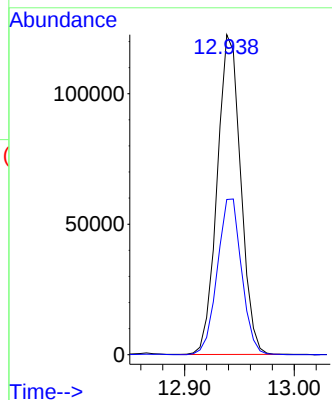
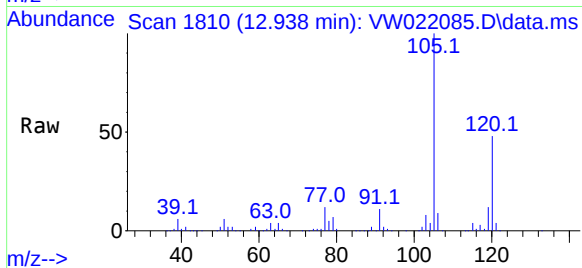
GBD34MS

Tgt Ion:105 Resp: 182906

Ion Ratio Lower Upper

105 100

120 50.3 40.9 61.3



#63

1,2,4-Trimethylbenzene

Concen: 21.908 ug/L

RT: 13.249 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VW022085.D

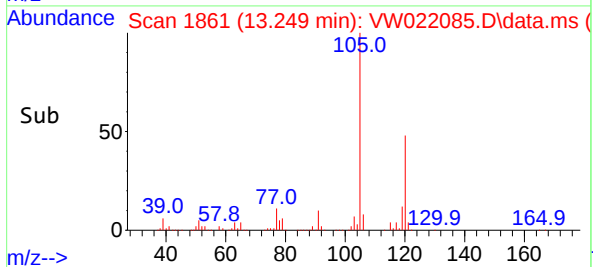
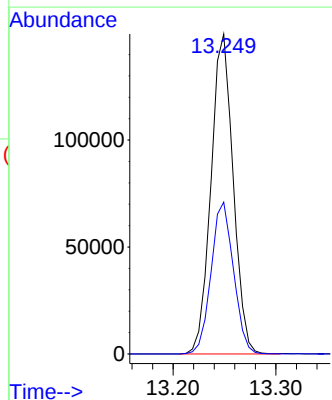
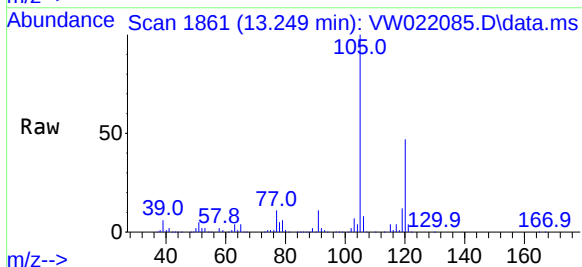
Acq: 21 Feb 2022 14:02

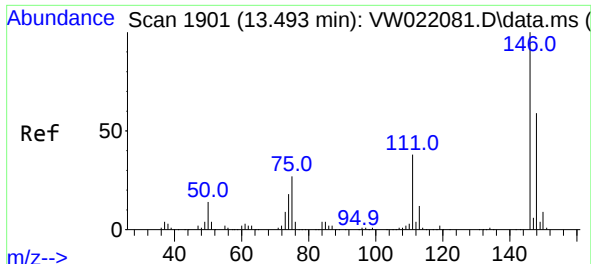
Tgt Ion:105 Resp: 224437

Ion Ratio Lower Upper

105 100

120 47.9 37.8 56.8

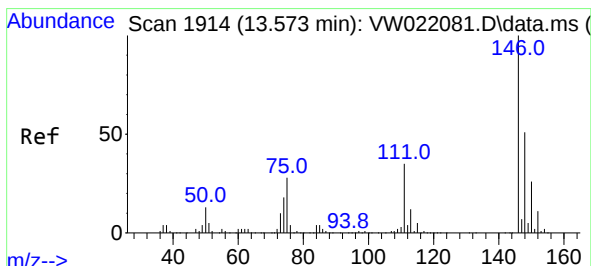
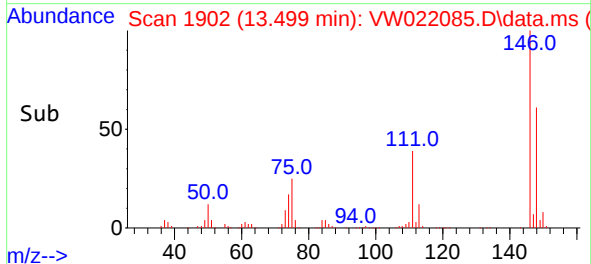
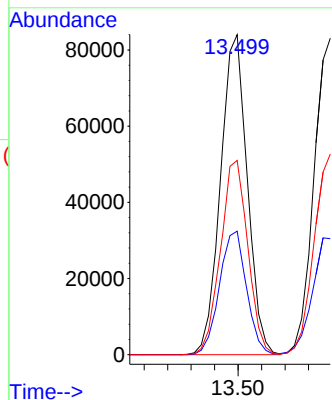
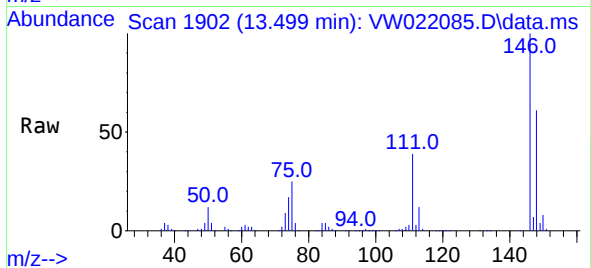




#64
1,3-Dichlorobenzene
Concen: 21.888 ug/L
RT: 13.499 min Scan# 1901
Delta R.T. 0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

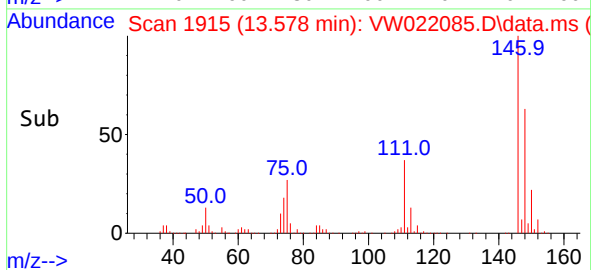
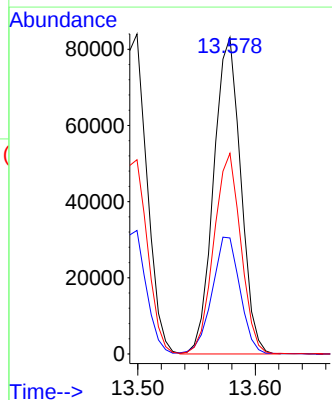
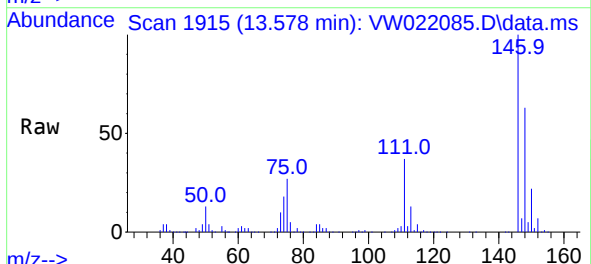
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

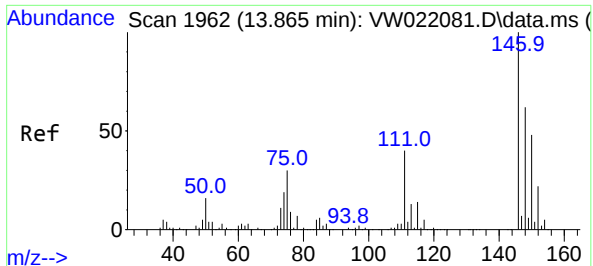
Tgt Ion:146 Resp: 132958
Ion Ratio Lower Upper
146 100
111 38.6 27.3 50.7
148 60.7 46.7 86.7



#65
1,4-Dichlorobenzene
Concen: 21.921 ug/L
RT: 13.578 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion:146 Resp: 133287
Ion Ratio Lower Upper
146 100
111 36.7 24.4 45.4
148 63.4 45.4 84.2

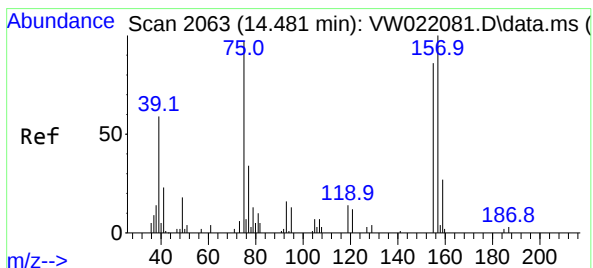
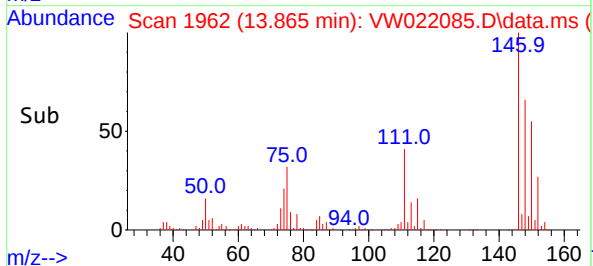
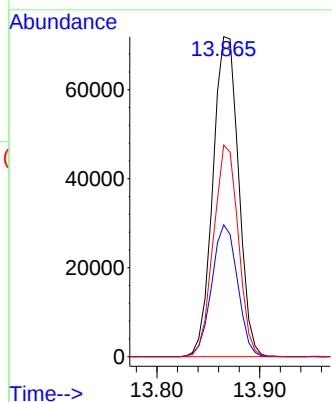
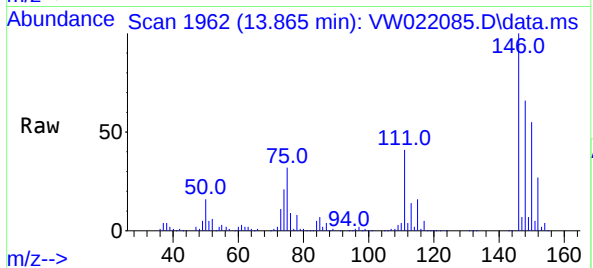




#67
1,2-Dichlorobenzene
Concen: 23.055 ug/L
RT: 13.865 min Scan# 1962
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

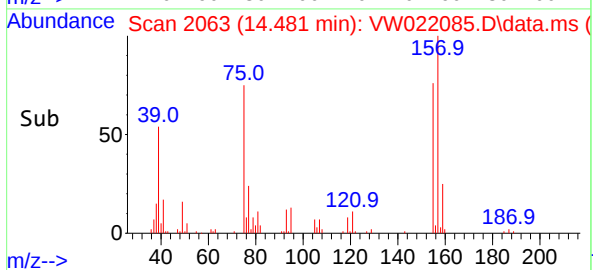
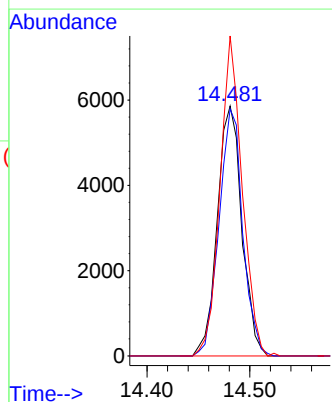
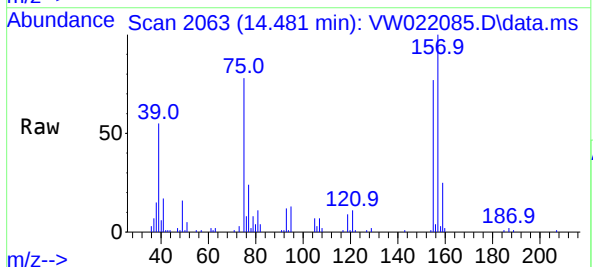
Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

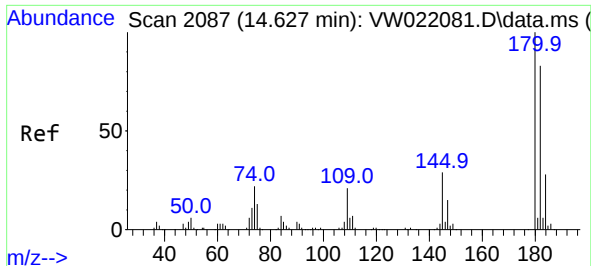
Tgt Ion:146 Resp: 124467
Ion Ratio Lower Upper
146 100
111 41.2 32.2 48.4
148 66.1 51.0 76.4



#68
1,2-Dibromo-3-chloropropane
Concen: 33.660 ug/L
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion: 75 Resp: 9681
Ion Ratio Lower Upper
75 100
155 98.9 80.9 121.3
157 128.1 100.3 150.5



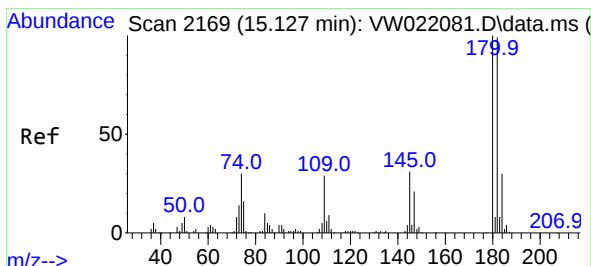
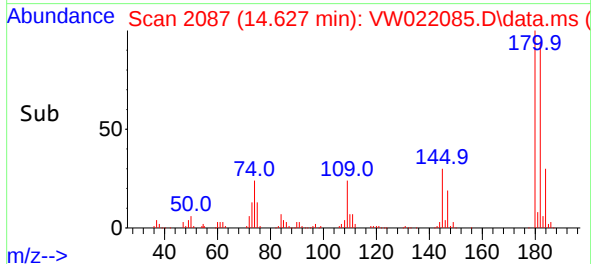
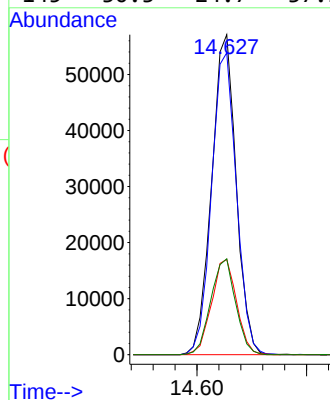
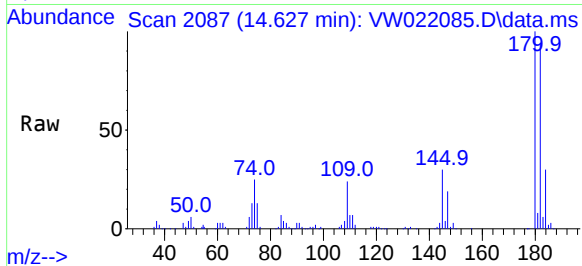


#69
1,3,5-Trichlorobenzene
Concen: 20.298 ug/L
RT: 14.627 min Scan# 2087
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

Tgt Ion:180 Resp: 88647

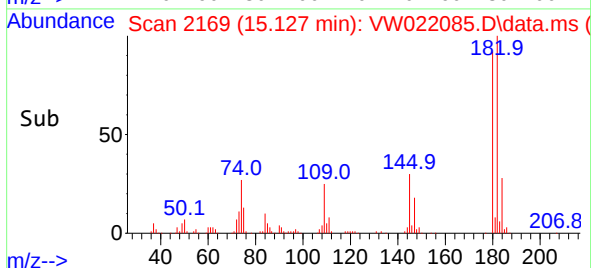
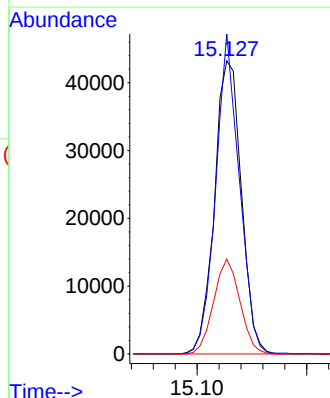
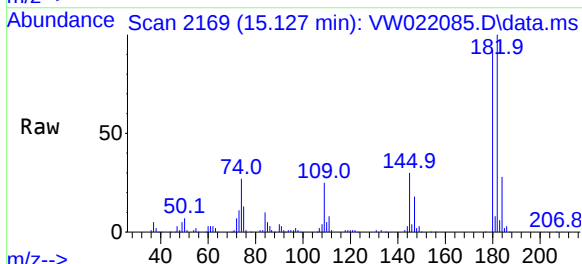
Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.2
184	30.4	25.2	37.8
145	30.3	24.7	37.1

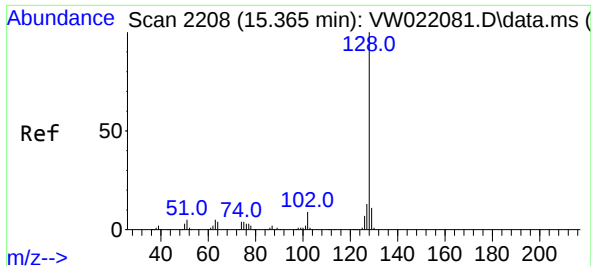


#70
1,2,4-trichlorobenzene
Concen: 21.202 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.000 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion:180 Resp: 73548

Ion	Ratio	Lower	Upper
180	100		
182	96.0	74.6	111.8
145	31.6	25.0	37.6



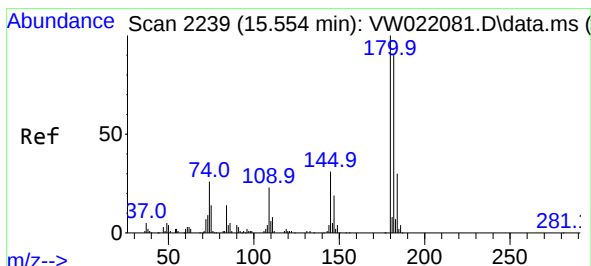
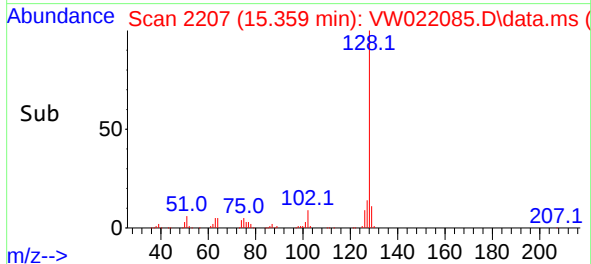
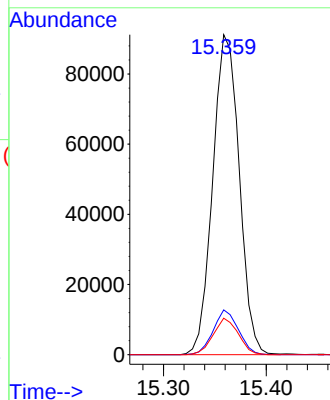
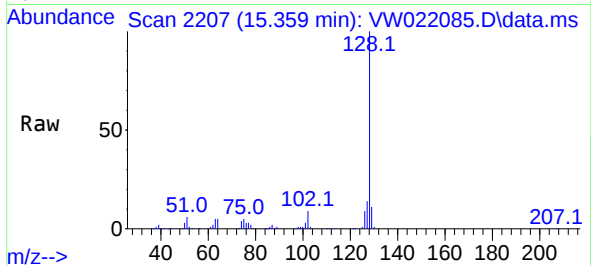


#71
Naphthalene
Concen: 28.876 ug/L
RT: 15.359 min Scan# 21
Delta R.T. -0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Instrument :
MSVOA_W
ClientSampleId :
GBD34MS

Tgt Ion:128 Resp: 163428

Ion	Ratio	Lower	Upper
128	100		
127	13.3	11.0	16.4
129	10.8	8.7	13.1



#72
1,2,3-Trichlorobenzene
Concen: 20.900 ug/L
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW022085.D
Acq: 21 Feb 2022 14:02

Tgt Ion:180 Resp: 61968

Ion	Ratio	Lower	Upper
180	100		
182	97.8	78.6	118.0
145	35.0	27.3	40.9

