

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100521\
 Data File : VW022585.D
 Acq On : 05 Oct 2021 19:03
 Operator : SY/MD
 Sample : M4052-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 06 05:31:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Oct 06 05:22:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	102825	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	101576	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	46598	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	38996	11.837	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 236.800%#	
7) Chloroethane-d5	1.561	69	35365	7.964	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 159.200%#	
11) 1,1-Dichloroethene-d2	2.105	63	59254	6.199	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 124.000%	
20) 2-Butanone-d5	3.873	46	83365	42.808	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	= 85.620%	
24) Chloroform-d	4.349	84	71928	5.670	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 113.400%	
26) 1,2-Dichloroethane-d4	5.031	65	34828	5.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 116.600%	
32) Benzene-d6	5.050	84	143475	6.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 125.400%#	
36) 1,2-Dichloropropane-d6	6.072	67	42814	5.301	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 106.000%	
41) Toluene-d8	7.317	98	123000	6.410	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 128.200%	
43) trans-1,3-Dichloroprop...	7.625	79	12468	5.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 116.600%	
46) 2-Hexanone-d5	8.088	63	58474	44.189	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 88.380%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27478	4.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 89.600%	
66) 1,2-Dichlorobenzene-d4	11.625	152	47946	6.652	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 133.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	803	0.102	ug/L	83
9) Trichlorofluoromethane	1.751	101	1378	0.116	ug/L	98
12) 1,1-Dichloroethene	2.111	96	855	0.136	ug/L #	1
13) Acetone	2.159	43	1177	1.124	ug/L #	43
19) 1,1-Dichloroethane	3.182	63	973	0.079	ug/L #	77
22) cis-1,2-Dichloroethene	3.912	96	1179	0.158	ug/L	100
27) 1,2-Dichloroethane	5.050	62	985	0.138	ug/L #	74
34) Trichloroethene	5.924	95	3410	0.429	ug/L	97
35) Methylcyclohexane	6.072	83	10581	0.949	ug/L #	20
37) 1,2-Dichloropropane	6.072	63	4755	0.712	ug/L #	84
39) cis-1,3-Dichloropropene	6.989	75	932	0.103	ug/L #	76
42) Toluene	7.394	91	7517	0.261	ug/L	95
45) 1,1,2-Trichloroethane	7.976	97	3258	0.653	ug/L #	1
47) Tetrachloroethene	7.976	164	405113	65.489	ug/L	98
48) 2-Hexanone	8.143	43	6683	2.525	ug/L #	92
49) Dibromochloromethane	7.976	129	357157	60.738	ug/L #	12
61) 1,2,3-Trichloropropane	11.249	75	5392	1.561	ug/L #	60

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100421WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 06 05:22:36 2021
Response via : Initial Calibration

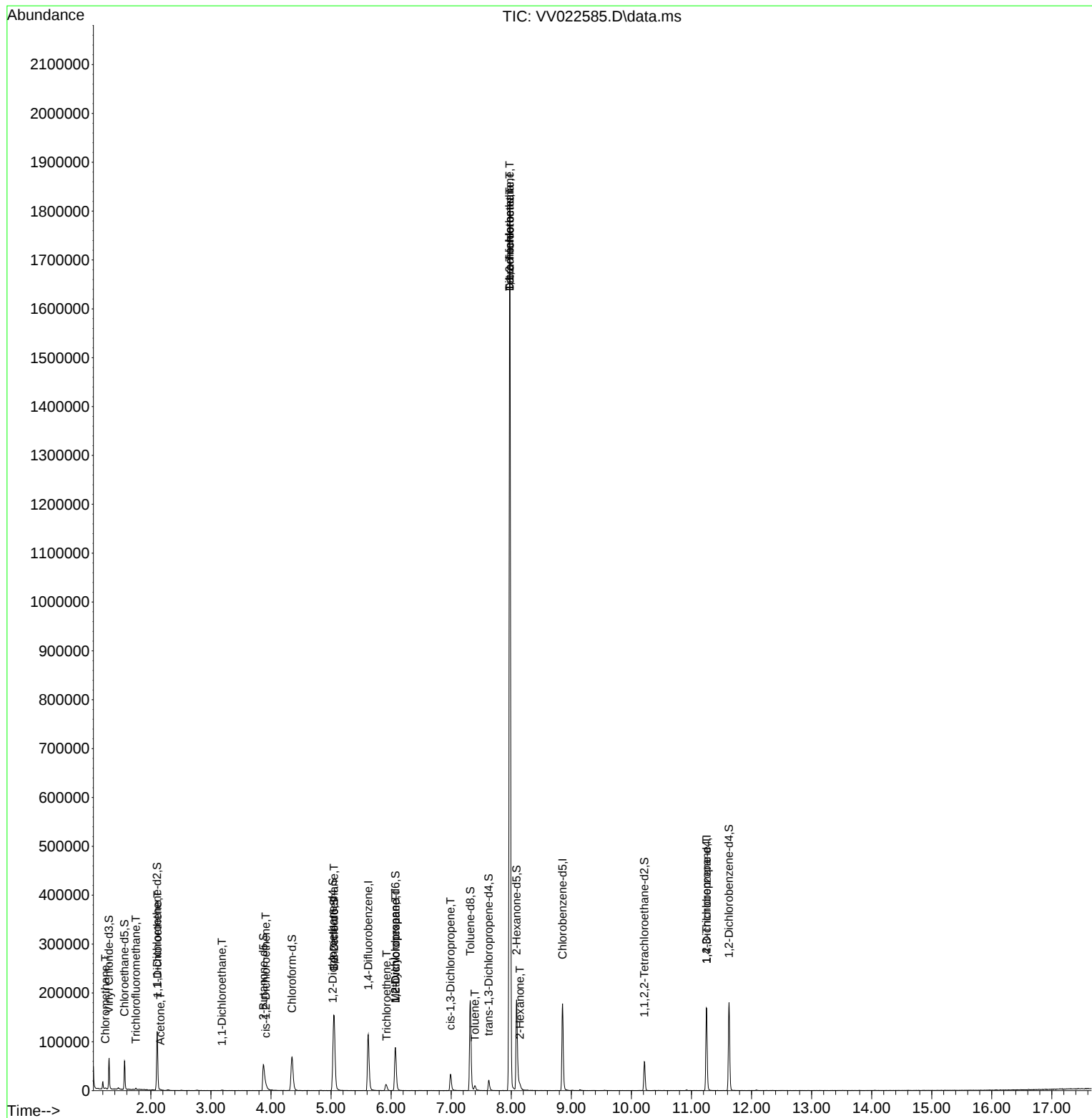
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

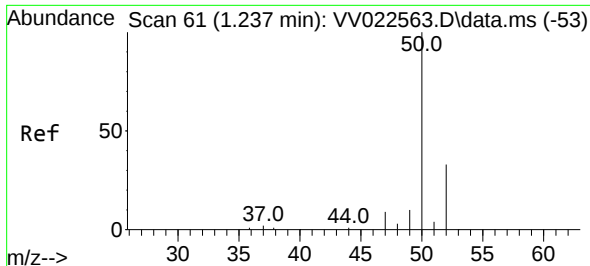
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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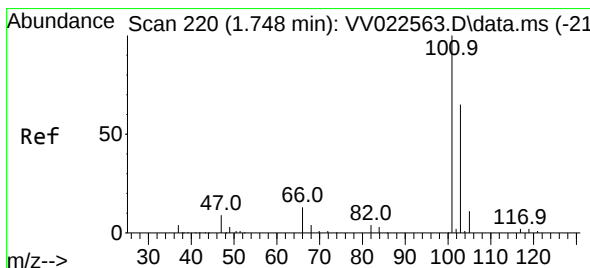
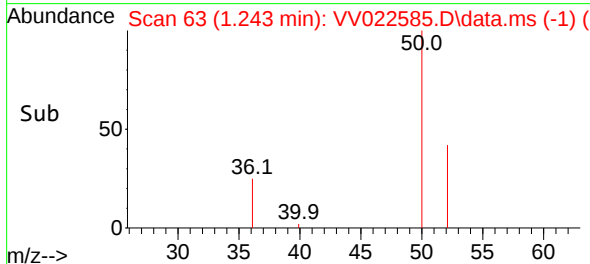
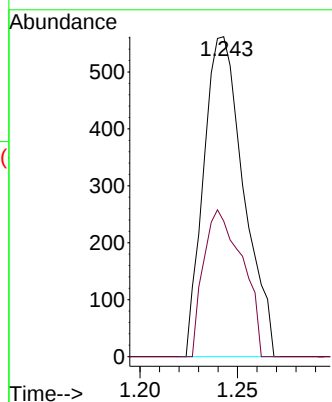
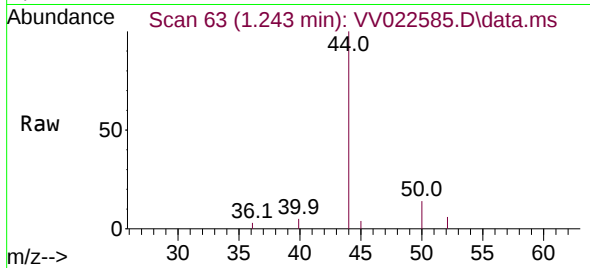




#3
Chloromethane
Concen: 0.102 ug/L
RT: 1.243 min Scan# 63
Delta R.T. 0.006 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

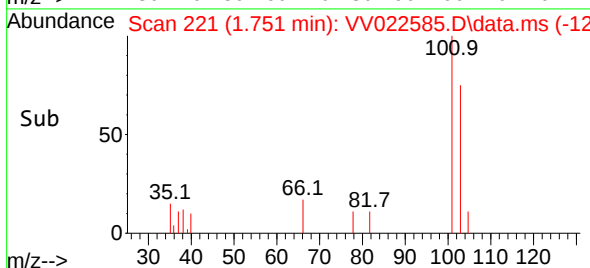
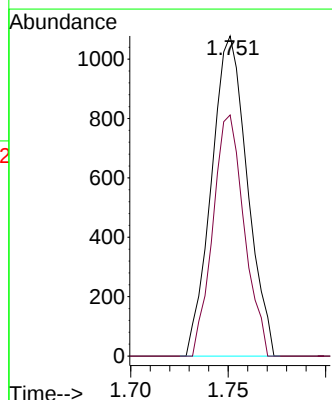
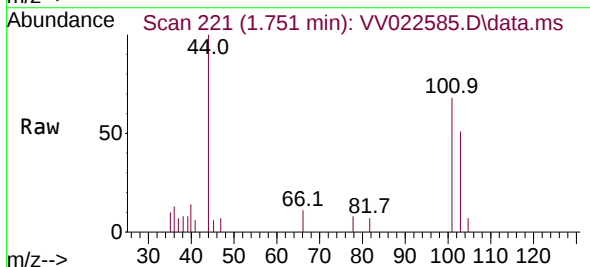
Instrument :
MSVOA_V
ClientSampled :

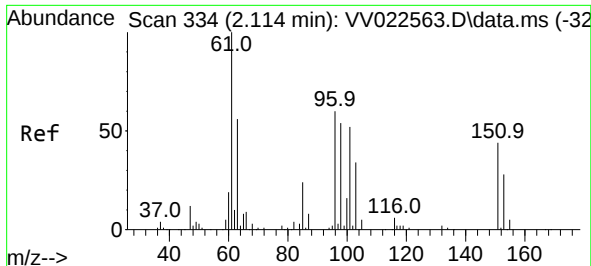
Tgt Ion: 50 Resp: 803
Ion Ratio Lower Upper
50 100
52 42.3 23.0 42.8



#9
Trichlorofluoromethane
Concen: 0.116 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

Tgt Ion: 101 Resp: 1378
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2





#12

1,1-Dichloroethene

Concen: 0.136 ug/L

RT: 2.111 min Scan# 333

Delta R.T. -0.003 min

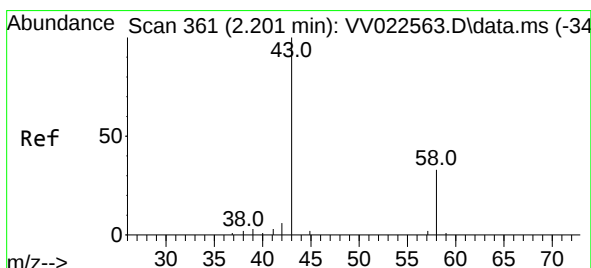
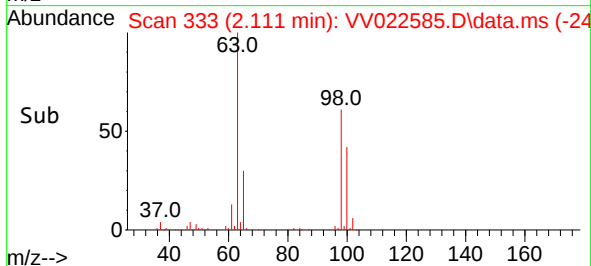
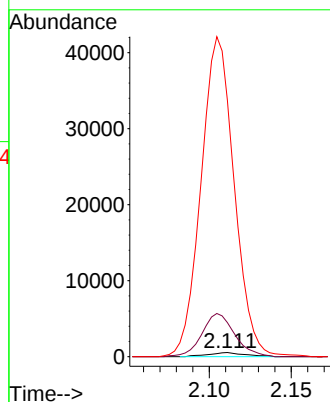
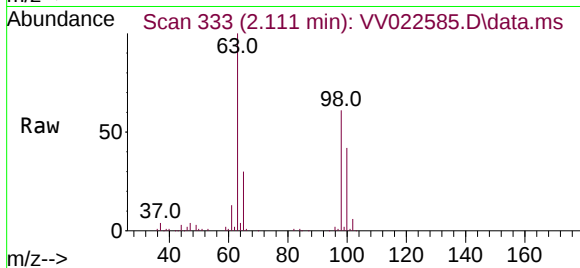
Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion: 96 Resp: 855

Ion	Ratio	Lower	Upper
96	100		
61	824.7	113.2	210.2#
63	6212.9	66.6	123.8#

Instrument :
MSVOA_V
ClientSampled :



#13

Acetone

Concen: 1.124 ug/L

RT: 2.159 min Scan# 348

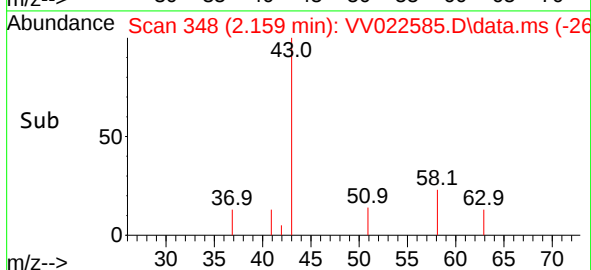
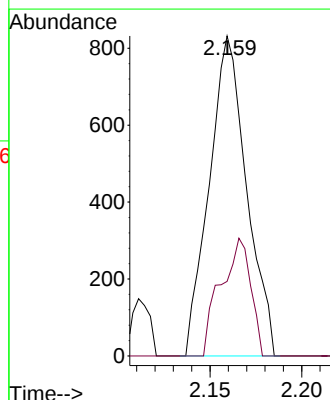
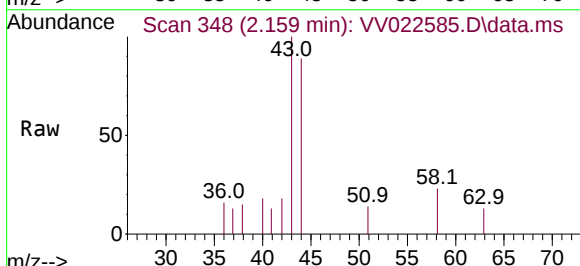
Delta R.T. -0.042 min

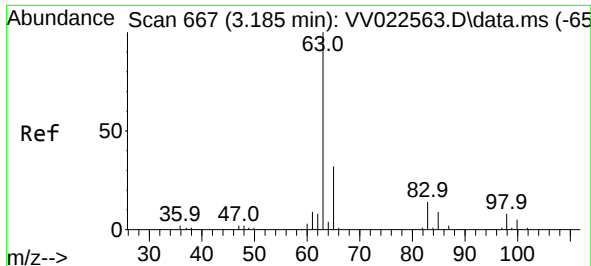
Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion: 43 Resp: 1177

Ion	Ratio	Lower	Upper
43	100		
58	29.5	0.0	17.6#



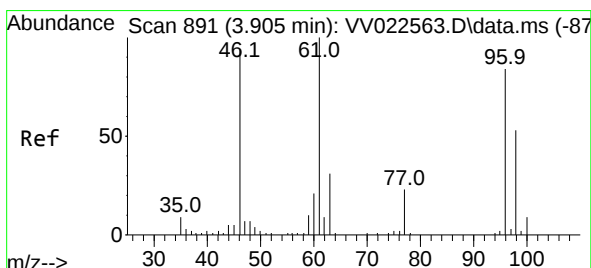
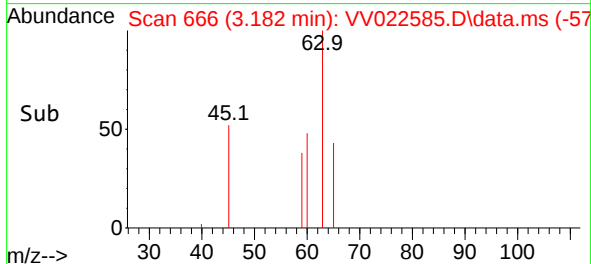
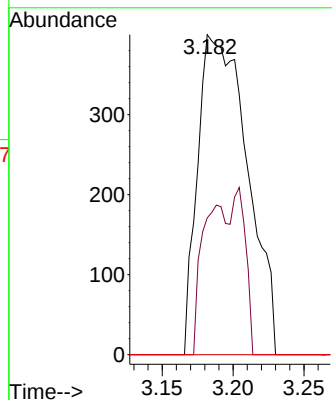
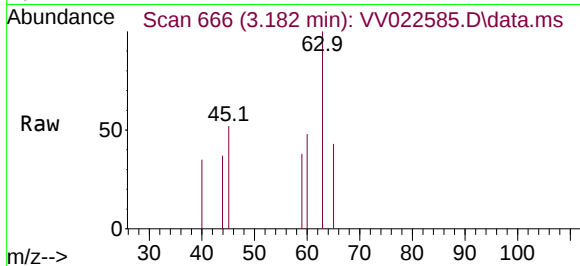


#19
1,1-Dichloroethane
Concen: 0.079 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 63 Resp: 973

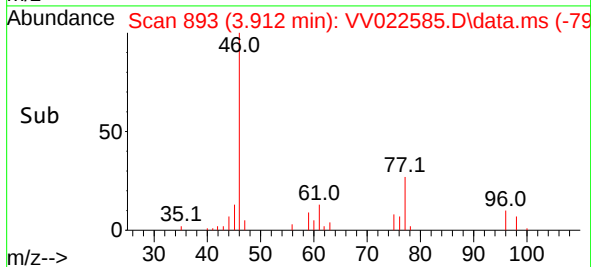
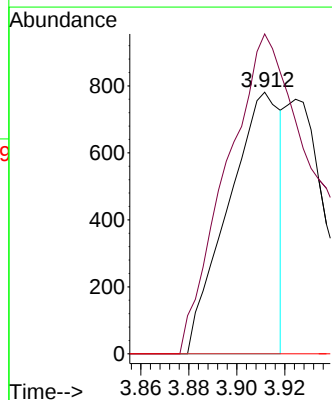
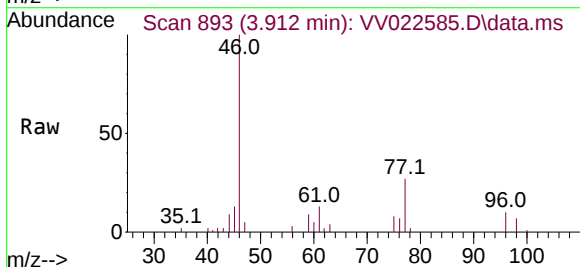
Ion	Ratio	Lower	Upper
63	100		
65	42.8	22.8	42.4#
83	0.0	10.2	19.0#

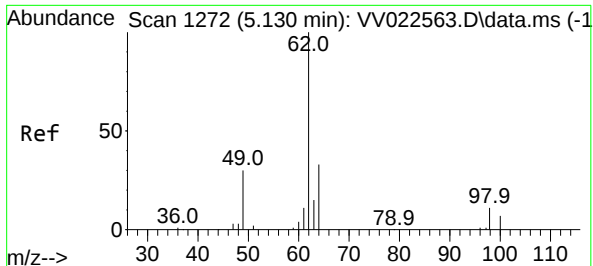


#22
cis-1,2-Dichloroethene
Concen: 0.158 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.006 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

Tgt Ion: 96 Resp: 1179

Ion	Ratio	Lower	Upper
96	100		
61	122.3	85.6	159.0
68	0.0	0.0	0.0





#27

1,2-Dichloroethane

Concen: 0.138 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.080 min

Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion: 62 Resp: 985

Ion Ratio Lower Upper

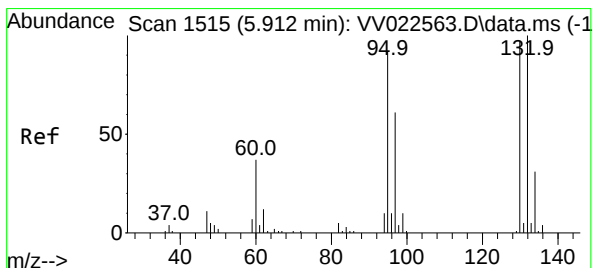
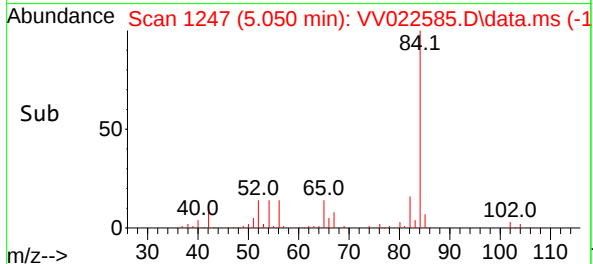
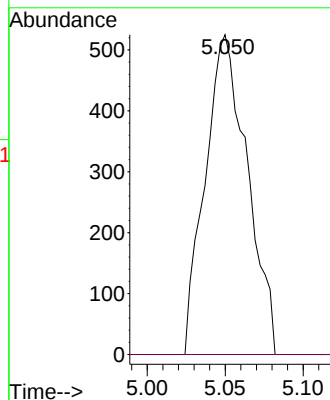
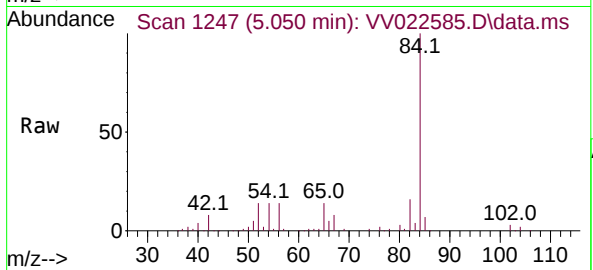
62 100

98 0.0 7.4 11.2#

Instrument :

MSVOA_V

ClientSampled :



#34

Trichloroethene

Concen: 0.429 ug/L

RT: 5.924 min Scan# 1519

Delta R.T. 0.013 min

Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion: 95 Resp: 3410

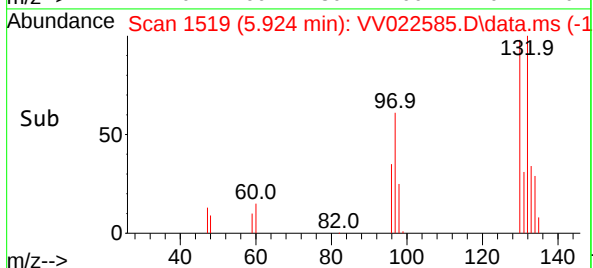
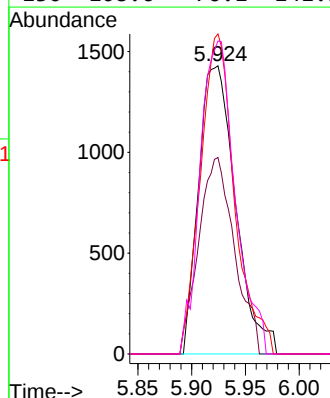
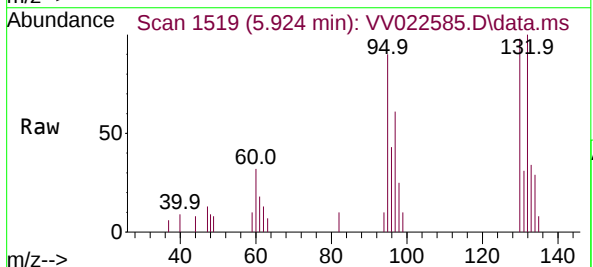
Ion Ratio Lower Upper

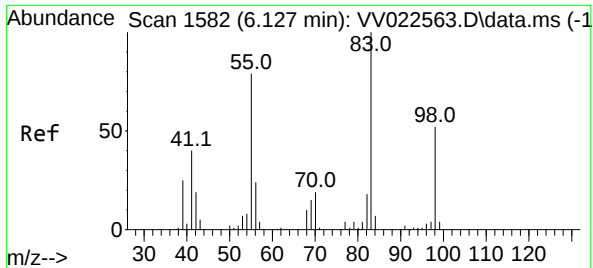
95 100

97 68.2 46.5 86.5

132 111.1 73.0 135.6

130 108.6 76.1 141.3

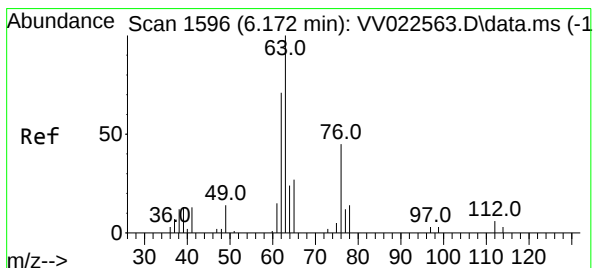
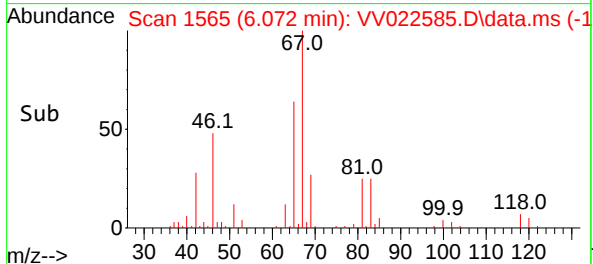
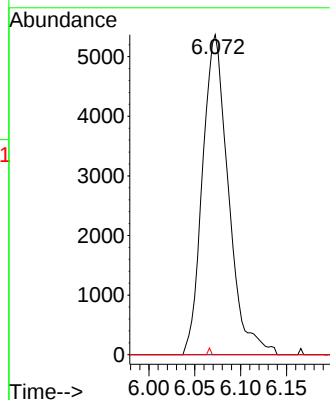
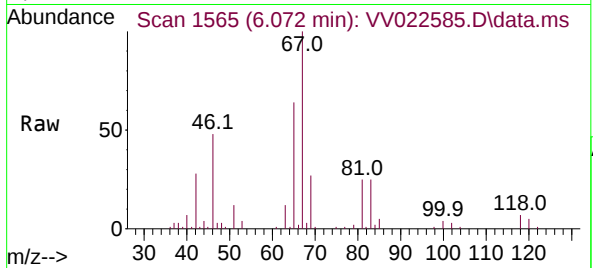




#35
Methylcyclohexane
Concen: 0.949 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.055 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

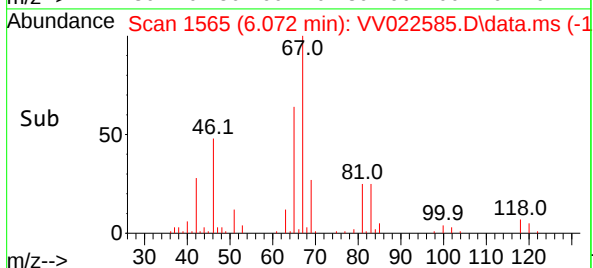
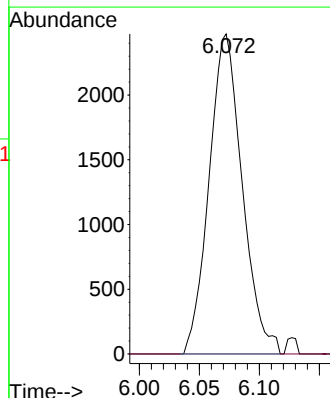
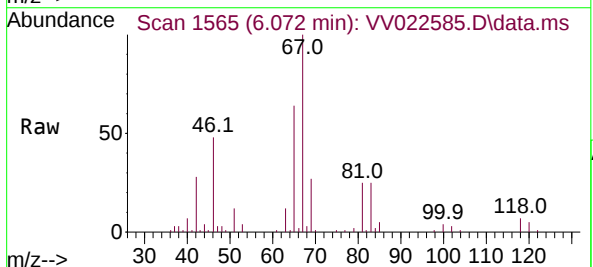
Instrument :
MSVOA_V
ClientSampled :

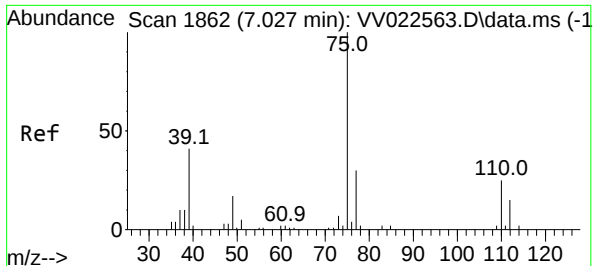
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.0	57.8	86.8#
98	0.7	39.8	59.8#



#37
1,2-Dichloropropane
Concen: 0.712 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.100 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.3	6.5#

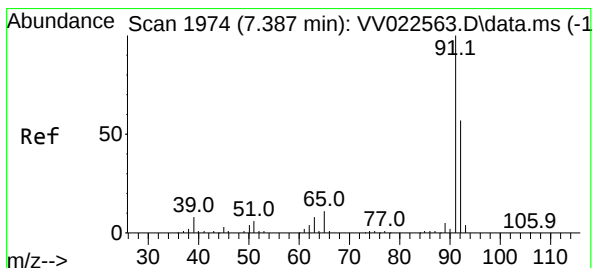
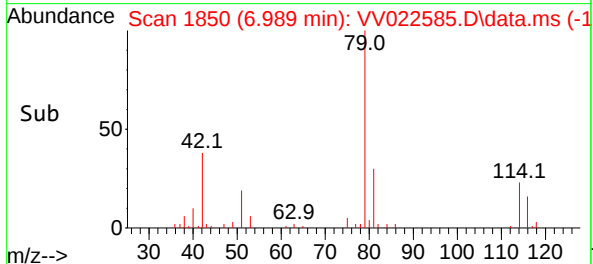
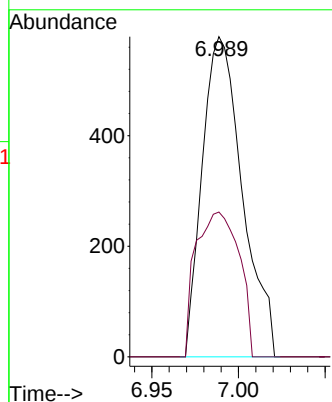
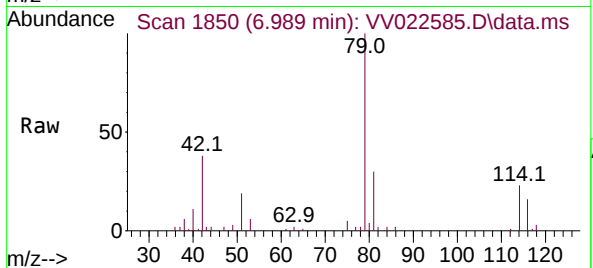




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 6.989 min Scan# 1850
 Delta R.T. -0.039 min
 Lab File: VV022585.D
 Acq: 05 Oct 2021 19:03

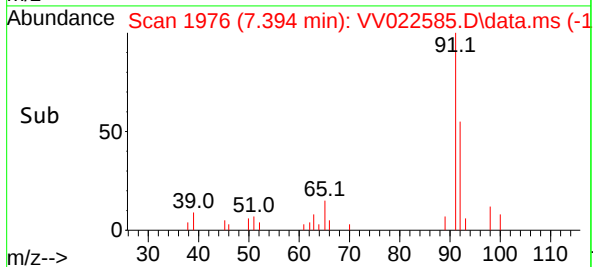
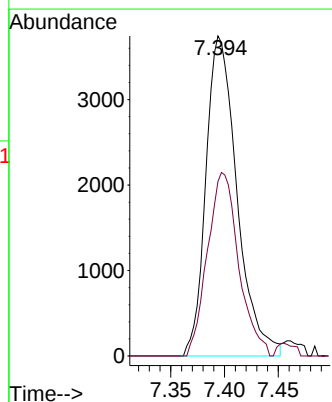
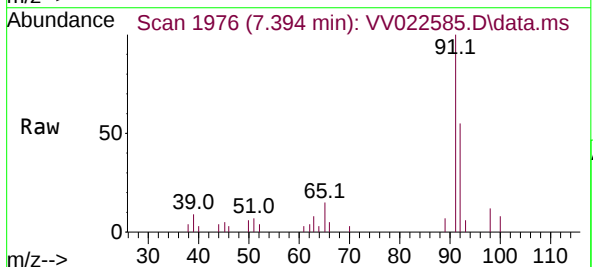
Instrument :
 MSVOA_V
 ClientSampled :

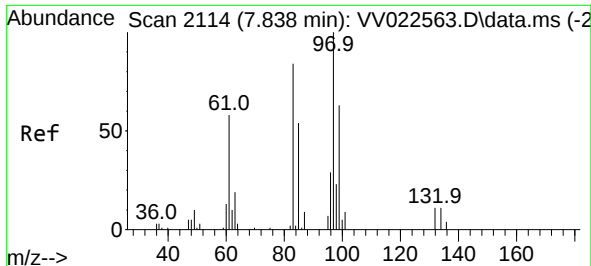
Tgt Ion: 75 Resp: 932
 Ion Ratio Lower Upper
 75 100
 77 45.3 22.4 41.6#



#42
 Toluene
 Concen: 0.261 ug/L
 RT: 7.394 min Scan# 1976
 Delta R.T. 0.006 min
 Lab File: VV022585.D
 Acq: 05 Oct 2021 19:03

Tgt Ion: 91 Resp: 7517
 Ion Ratio Lower Upper
 91 100
 92 54.5 40.5 75.3





#45

1,1,2-Trichloroethane

Concen: 0.653 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.138 min

Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion: 97 Resp: 3258

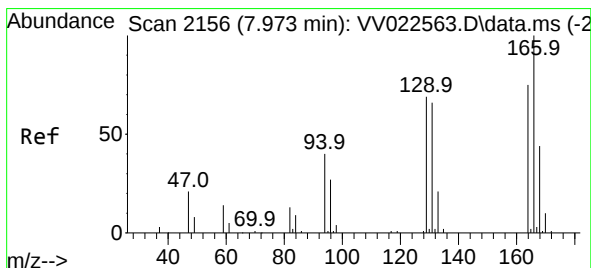
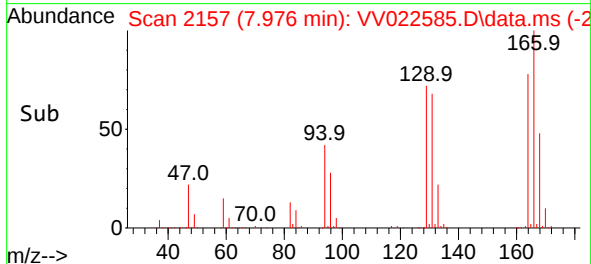
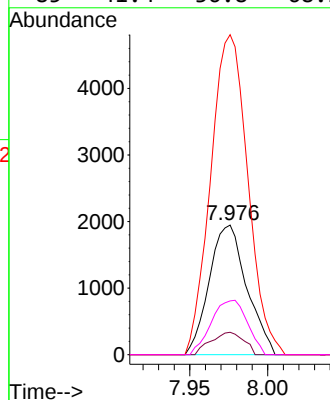
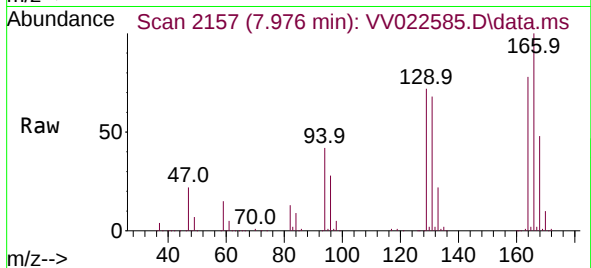
Ion Ratio Lower Upper

97 100

99 17.2 42.6 79.0#

83 246.8 57.7 107.1#

85 41.4 36.8 68.3



#47

Tetrachloroethene

Concen: 65.489 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.003 min

Lab File: VV022585.D

Acq: 05 Oct 2021 19:03

Tgt Ion:164 Resp: 405113

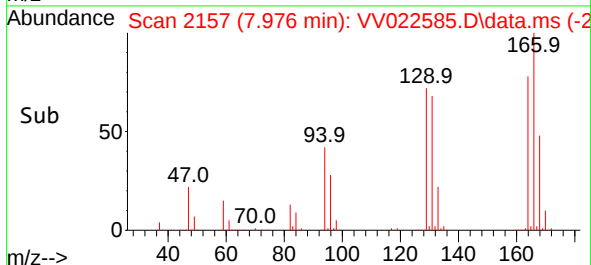
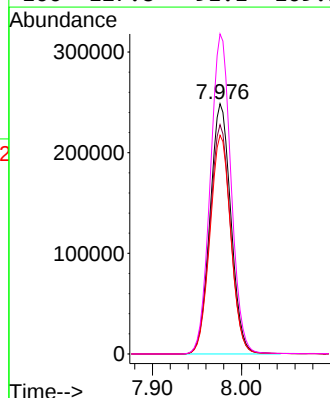
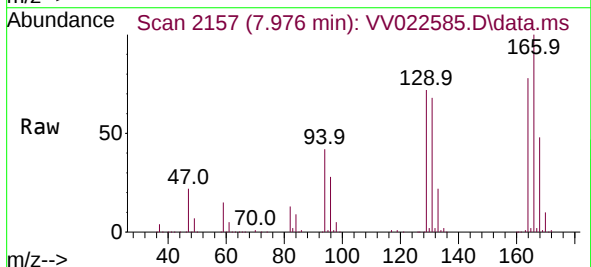
Ion Ratio Lower Upper

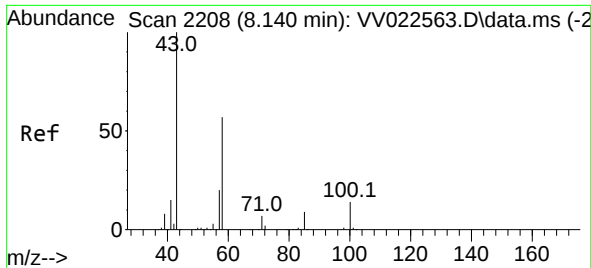
164 100

129 91.6 65.5 121.6

131 87.4 62.4 116.0

166 127.8 91.1 169.3

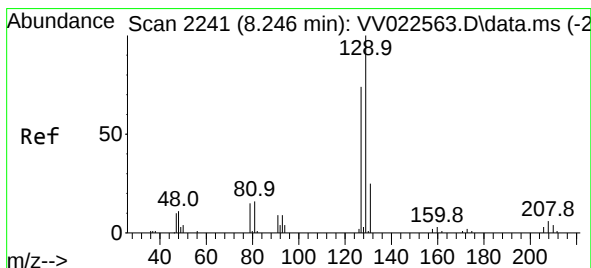
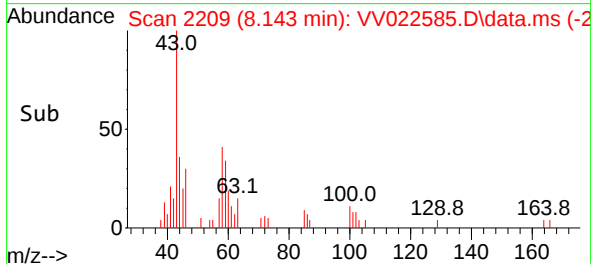
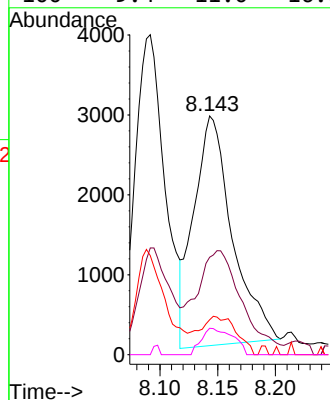
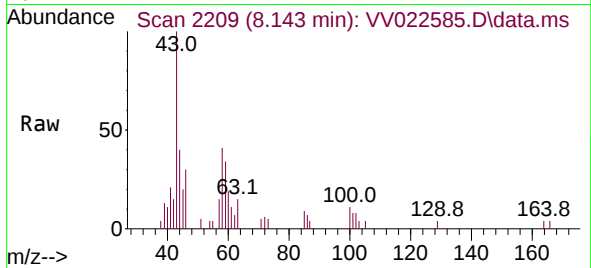




#48
2-Hexanone
Concen: 2.525 ug/L
RT: 8.143 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

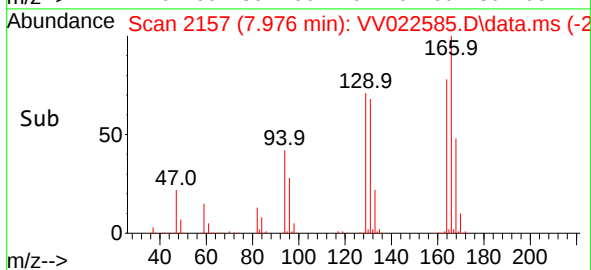
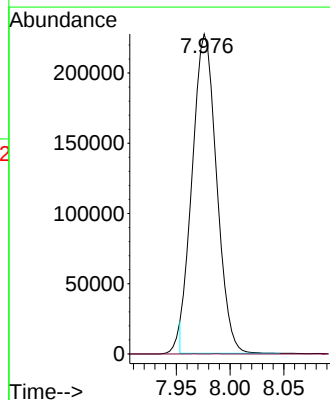
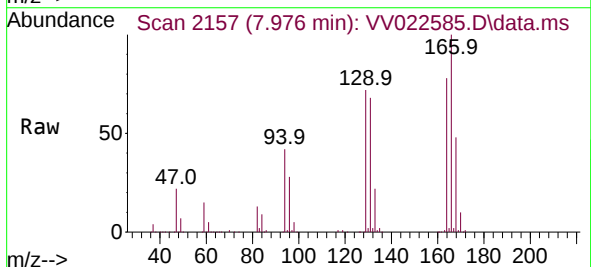
Instrument :
MSVOA_V
ClientSampled :

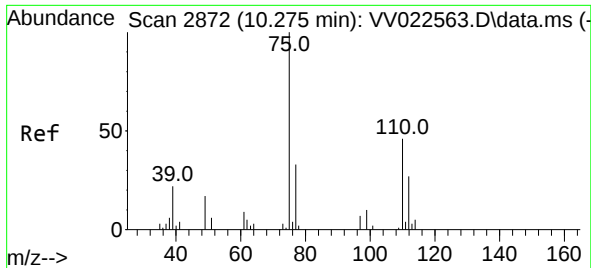
Tgt Ion: 43	Resp: 6683
Ion Ratio	Lower Upper
43 100	
58 53.1	46.4 69.6
57 15.5	16.3 24.5#
100 9.4	11.0 16.6#



#49
Dibromochloromethane
Concen: 60.738 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022585.D
Acq: 05 Oct 2021 19:03

Tgt Ion: 129	Resp: 357157
Ion Ratio	Lower Upper
129 100	
127 0.0	52.6 97.6#





#61
 1,2,3-Trichloropropane
 Concen: 1.561 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022585.D
 Acq: 05 Oct 2021 19:03

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 5392
 Ion Ratio Lower Upper
 75 100
 77 38.0 26.1 39.1
 110 1.3 33.0 49.6#

