

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092921\
 Data File : VV022407.D
 Acq On : 30 Sep 2021 03:20
 Operator : SY/MD
 Sample : M3979-13
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 30 07:09:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 30 06:55:59 2021
 Response via : Initial Calibration

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

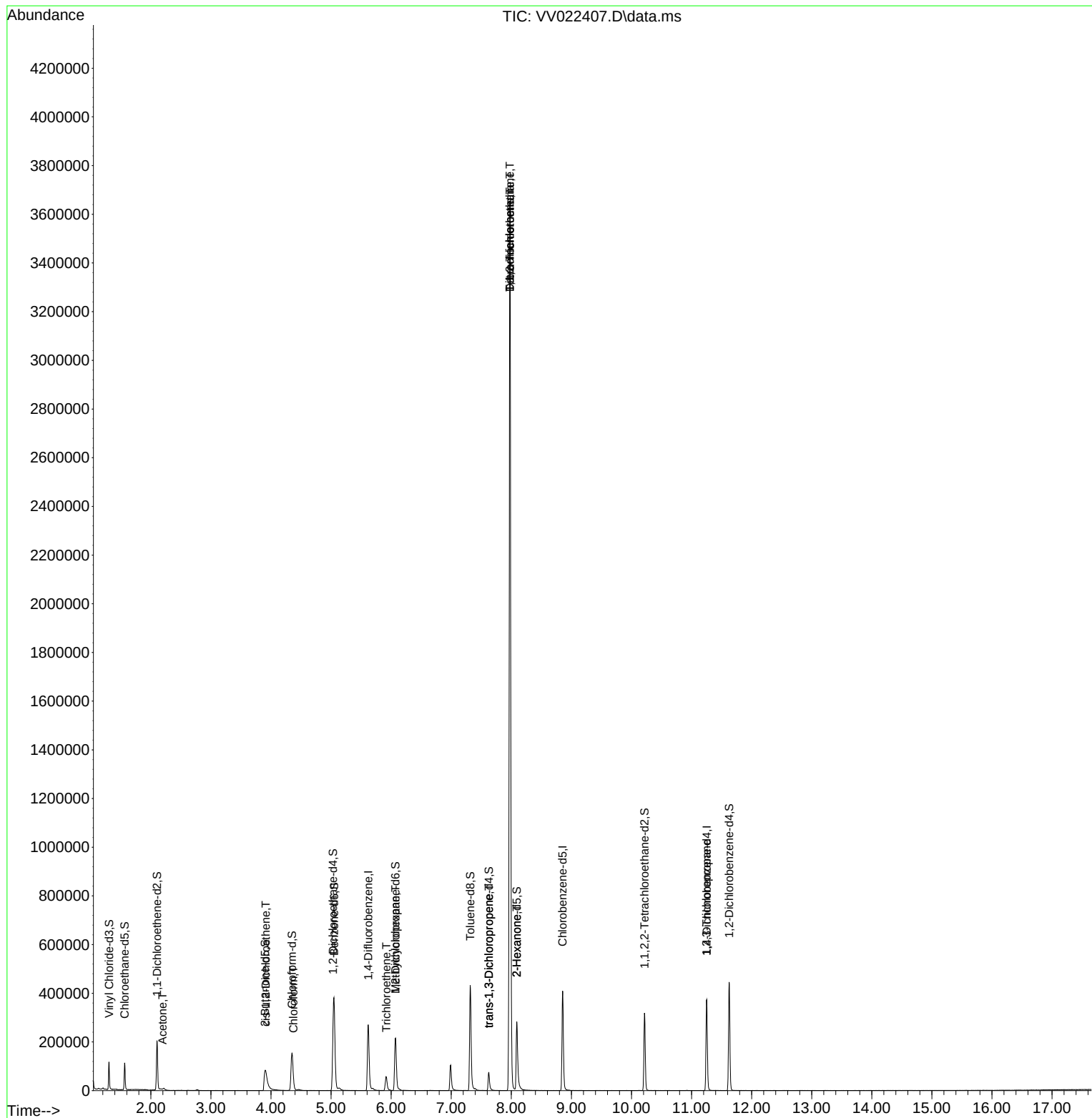
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	238941	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	239342	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	102089	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	70310	34.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.340%
7) Chloroethane-d5	1.564	69	65673	40.947	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.900%
11) 1,1-Dichloroethene-d2	2.101	63	104312	29.587	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.180%#
21) 2-Butanone-d5	3.899	46	153409	107.198	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.200%
24) Chloroform-d	4.349	84	161555	44.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.240%
26) 1,2-Dichloroethane-d4	5.034	65	102810	45.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.580%
32) Benzene-d6	5.050	84	330068	43.837	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
36) 1,2-Dichloropropane-d6	6.072	67	112166	46.565	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.120%
41) Toluene-d8	7.317	98	297329	43.143	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.280%
43) trans-1,3-Dichloroprop...	7.625	79	43695	39.724	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.440%
47) 2-Hexanone-d5	8.092	63	103755	106.003	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	154270	44.119	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.240%
66) 1,2-Dichlorobenzene-d4	11.625	152	115973	51.088	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.180%
Target Compounds	Qvalue					
13) Acetone	2.195	43	5750	5.119	ug/L	86
20) cis-1,2-Dichloroethene	3.912	96	7632	3.954	ug/L	92
25) Chloroform	4.375	83	1790	0.531	ug/L	88
34) Trichloroethene	5.918	95	18225	9.703	ug/L	97
35) Methylcyclohexane	6.072	83	26243	9.069	ug/L #	19
44) trans-1,3-Dichloropropene	7.625	75	2003	0.760	ug/L	83
45) 1,1,2-Trichloroethane	7.976	97	6612	3.466	ug/L #	1
46) Tetrachloroethene	7.976	164	838169	541.937	ug/L	98
48) 2-Hexanone	8.092	43	11775	5.878	ug/L #	67
49) Dibromochloromethane	7.976	129	755966	374.474	ug/L #	10
61) 1,2,3-Trichloropropane	11.249	75	11447	6.010	ug/L #	65

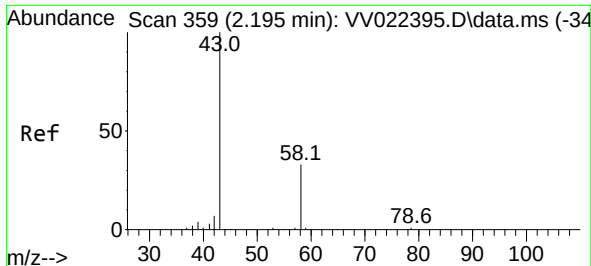
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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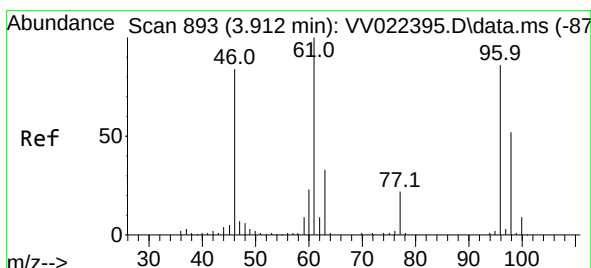
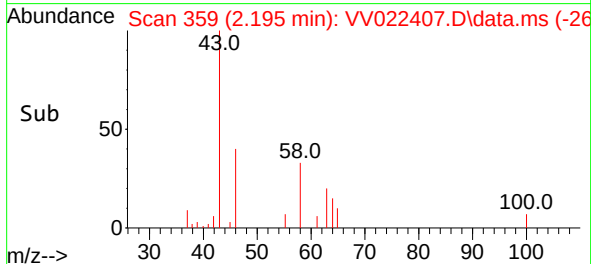
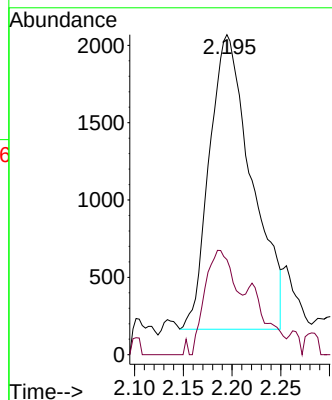
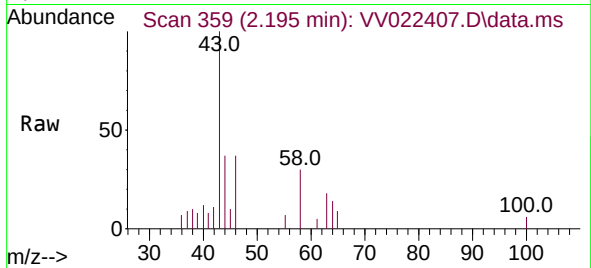




#13
Acetone
Concen: 5.119 ug/L
RT: 2.195 min Scan# 359
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

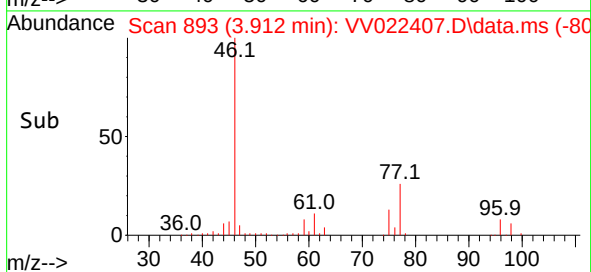
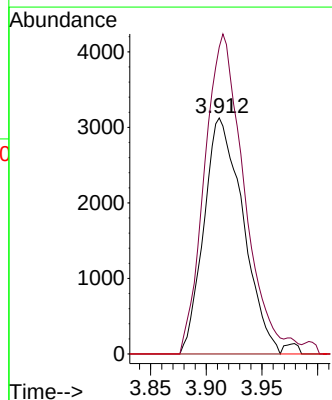
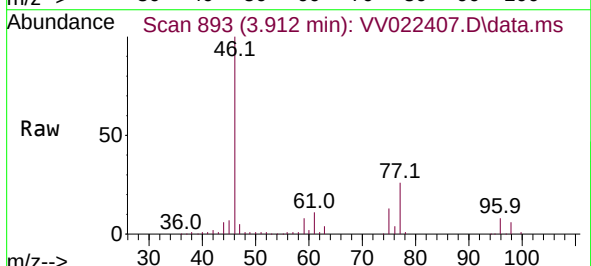
Instrument :
MSVOA_V
ClientSampled :

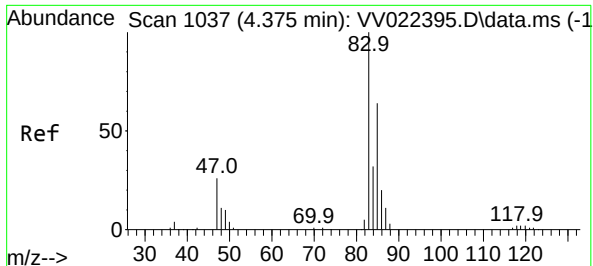
Tgt Ion: 43 Resp: 5750
Ion Ratio Lower Upper
43 100
58 25.6 0.0 67.2



#20
cis-1,2-Dichloroethene
Concen: 3.954 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Tgt Ion: 96 Resp: 7632
Ion Ratio Lower Upper
96 100
61 130.1 84.6 157.0
68 0.0 0.0 0.0

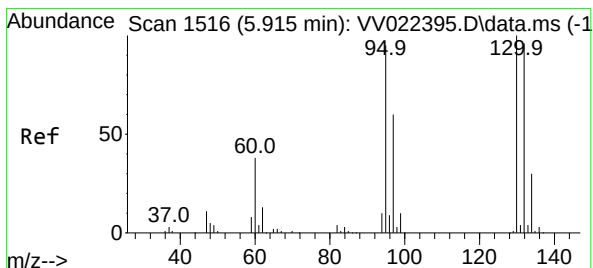
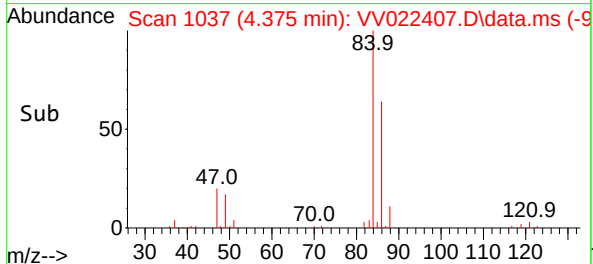
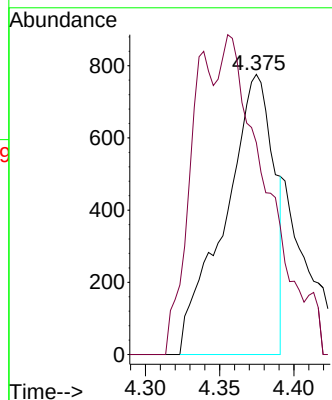
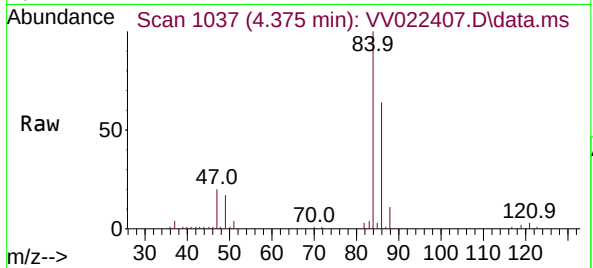




#25
Chloroform
Concen: 0.531 ug/L
RT: 4.375 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

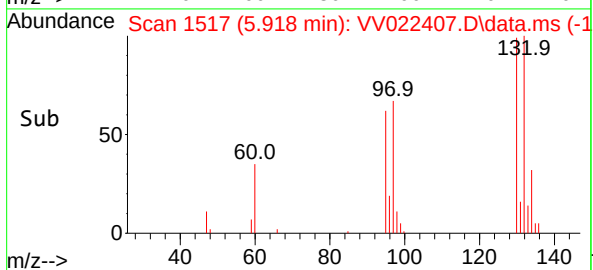
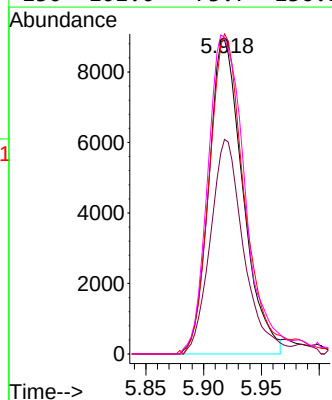
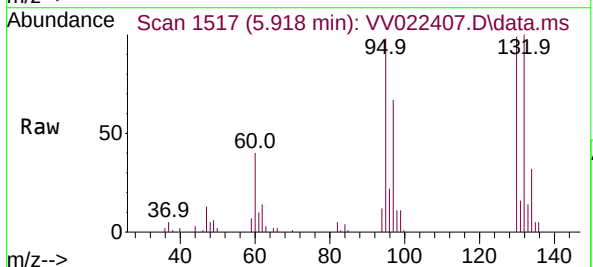
Instrument :
MSVOA_V
ClientSampled :

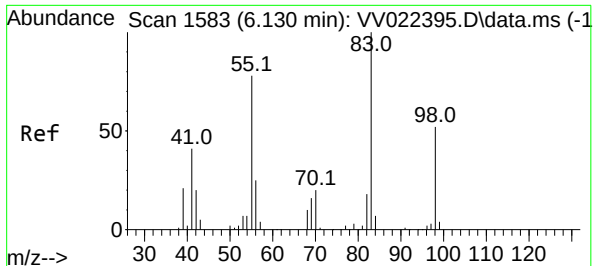
Tgt Ion: 83 Resp: 1790
Ion Ratio Lower Upper
83 100
85 75.6 46.5 86.3



#34
Trichloroethene
Concen: 9.703 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.003 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Tgt Ion: 95 Resp: 18225
Ion Ratio Lower Upper
95 100
97 68.4 45.2 84.0
132 102.1 71.0 131.8
130 101.0 73.7 136.9





#35

Methylcyclohexane

Concen: 9.069 ug/L

RT: 6.072 min Scan# 1565

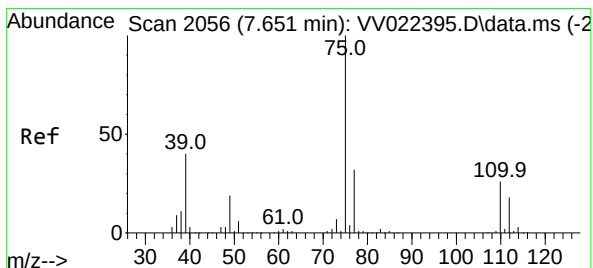
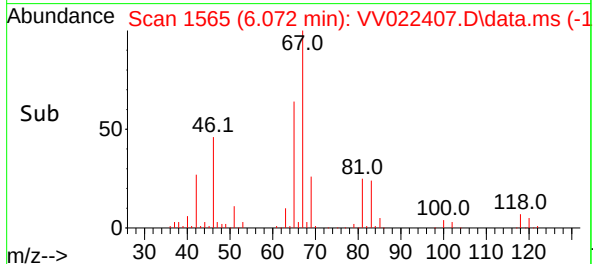
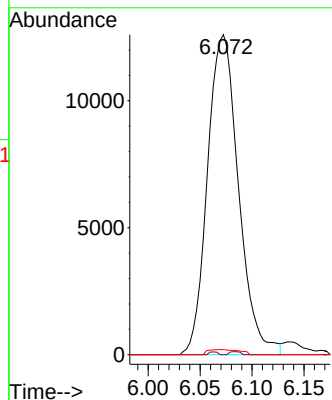
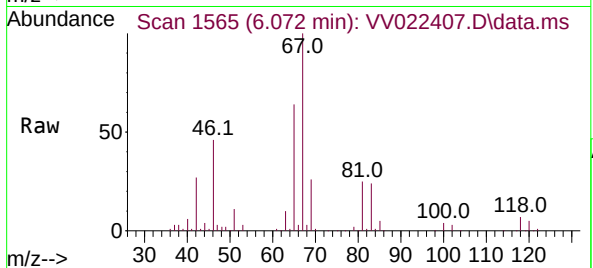
Delta R.T. -0.058 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 83	Resp: 26243
Ion Ratio	Lower Upper
83 100	
55 0.3	58.6 87.8#
98 0.0	39.2 58.8#

Instrument :
MSVOA_V
ClientSampled :



#44

trans-1,3-Dichloropropene

Concen: 0.760 ug/L

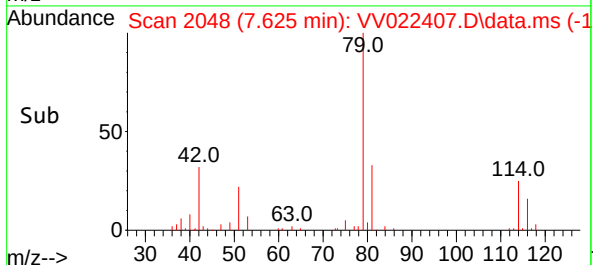
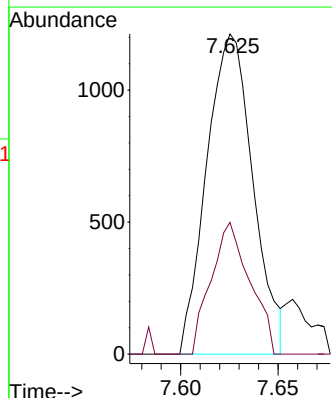
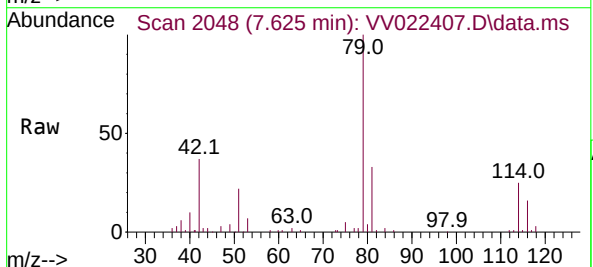
RT: 7.625 min Scan# 2048

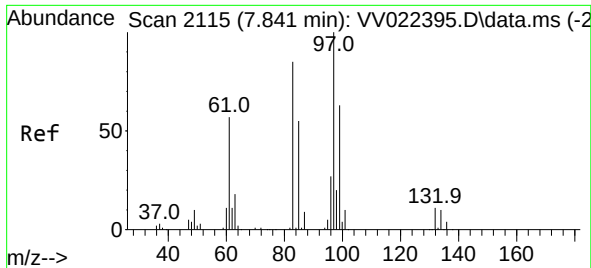
Delta R.T. -0.026 min

Lab File: VV022407.D

Acq: 30 Sep 2021 03:20

Tgt Ion: 75	Resp: 2003
Ion Ratio	Lower Upper
75 100	
77 41.1	22.3 41.3





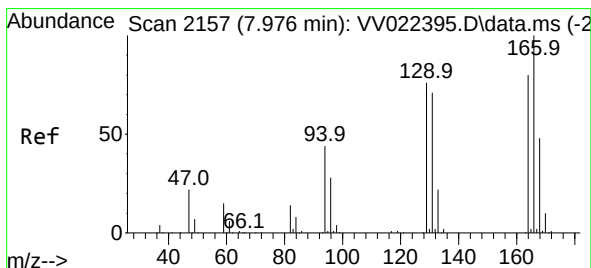
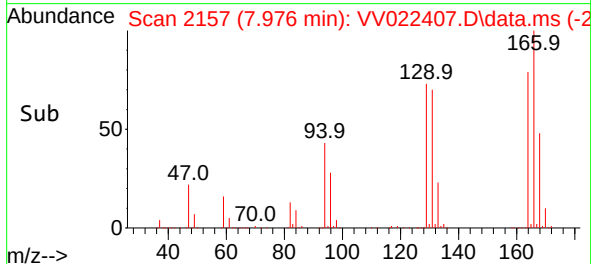
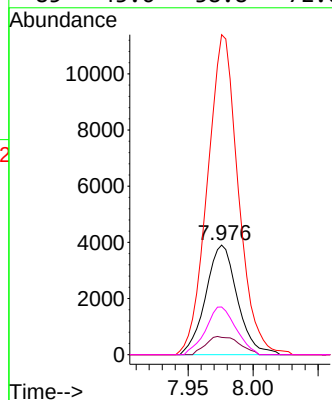
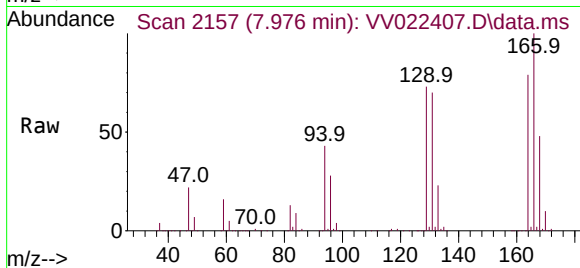
#45

1,1,2-Trichloroethane
Concen: 3.466 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.135 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 97 Resp: 6612

Ion	Ratio	Lower	Upper
97	100		
99	15.8	44.6	82.8#
83	292.1	59.8	111.1#
85	43.6	38.8	72.0

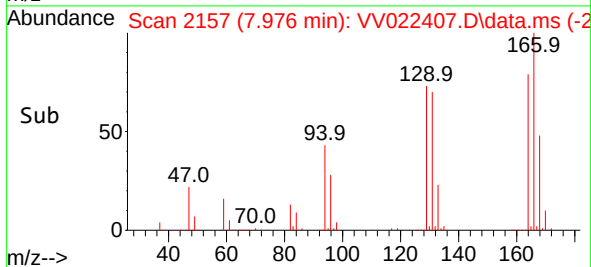
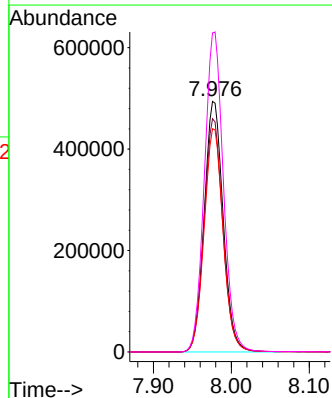
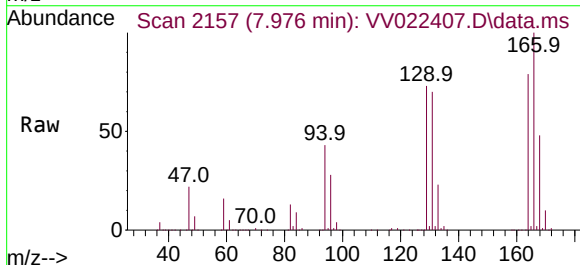


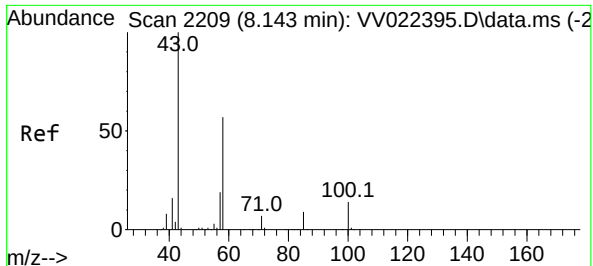
#46

Tetrachloroethene
Concen: 541.937 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.000 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Tgt Ion: 164 Resp: 838169

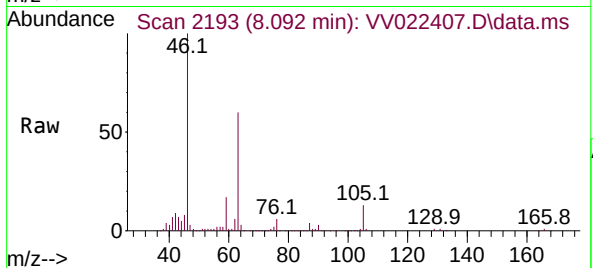
Ion	Ratio	Lower	Upper
164	100		
129	93.1	66.4	123.4
131	89.1	63.6	118.0
166	127.4	91.6	170.0



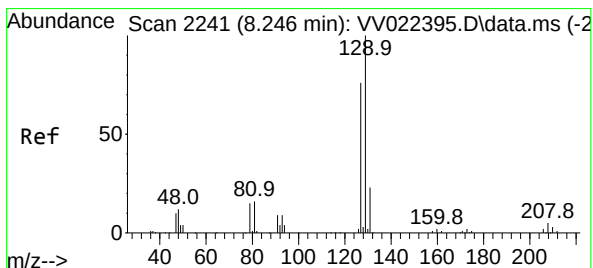
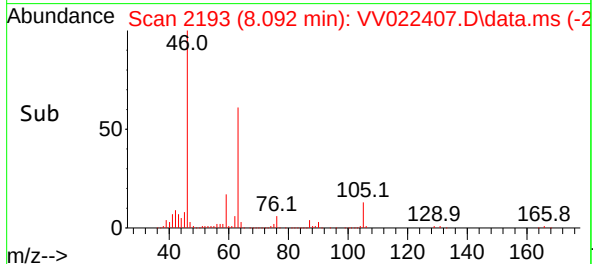
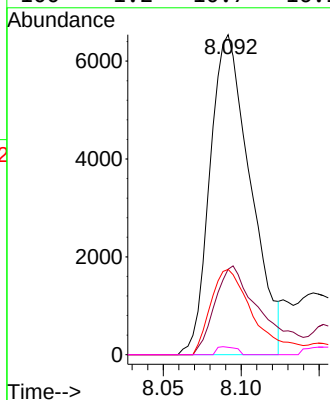


#48
2-Hexanone
Concen: 5.878 ug/L
RT: 8.092 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

Instrument :
MSVOA_V
ClientSampleId :

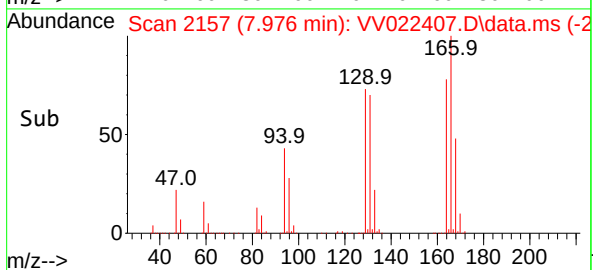
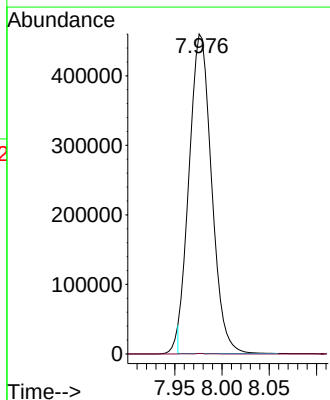
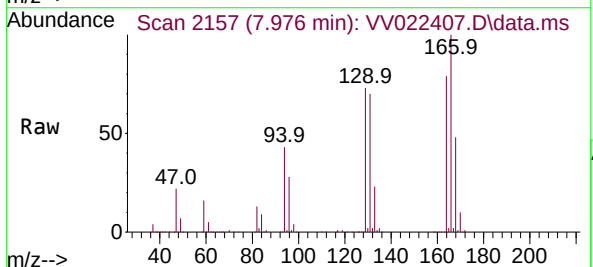


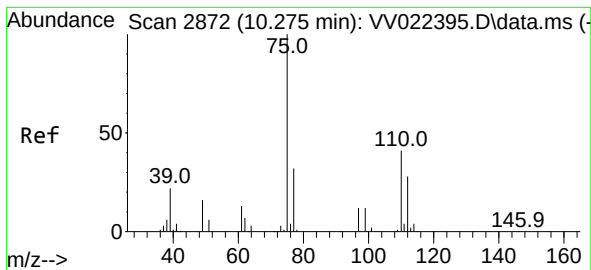
Tgt Ion	Ratio	Lower	Upper
43	100		
58	29.2	45.4	68.2#
57	28.3	15.0	22.4#
100	1.2	10.7	16.1#



#49
Dibromochloromethane
Concen: 374.474 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV022407.D
Acq: 30 Sep 2021 03:20

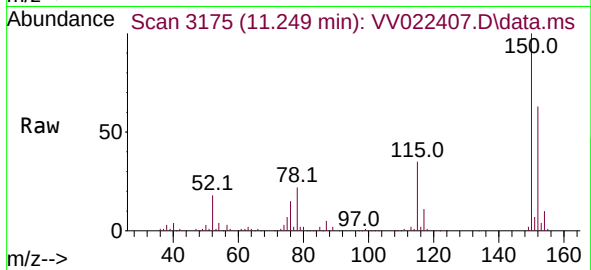
Tgt Ion	Ratio	Lower	Upper
129	100		
127	0.1	54.7	101.7#





#61
 1,2,3-Trichloropropane
 Concen: 6.010 ug/L
 RT: 11.249 min Scan# 3175
 Delta R.T. 0.974 min
 Lab File: VV022407.D
 Acq: 30 Sep 2021 03:20

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 11447
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0
 110 2.2 32.6 48.8#

