

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091721\
 Data File : VV022204.D
 Acq On : 17 Sep 2021 23:06
 Operator : SY/MD
 Sample : M3787-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 18 04:44:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 18 04:25:40 2021
 Response via : Initial Calibration

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

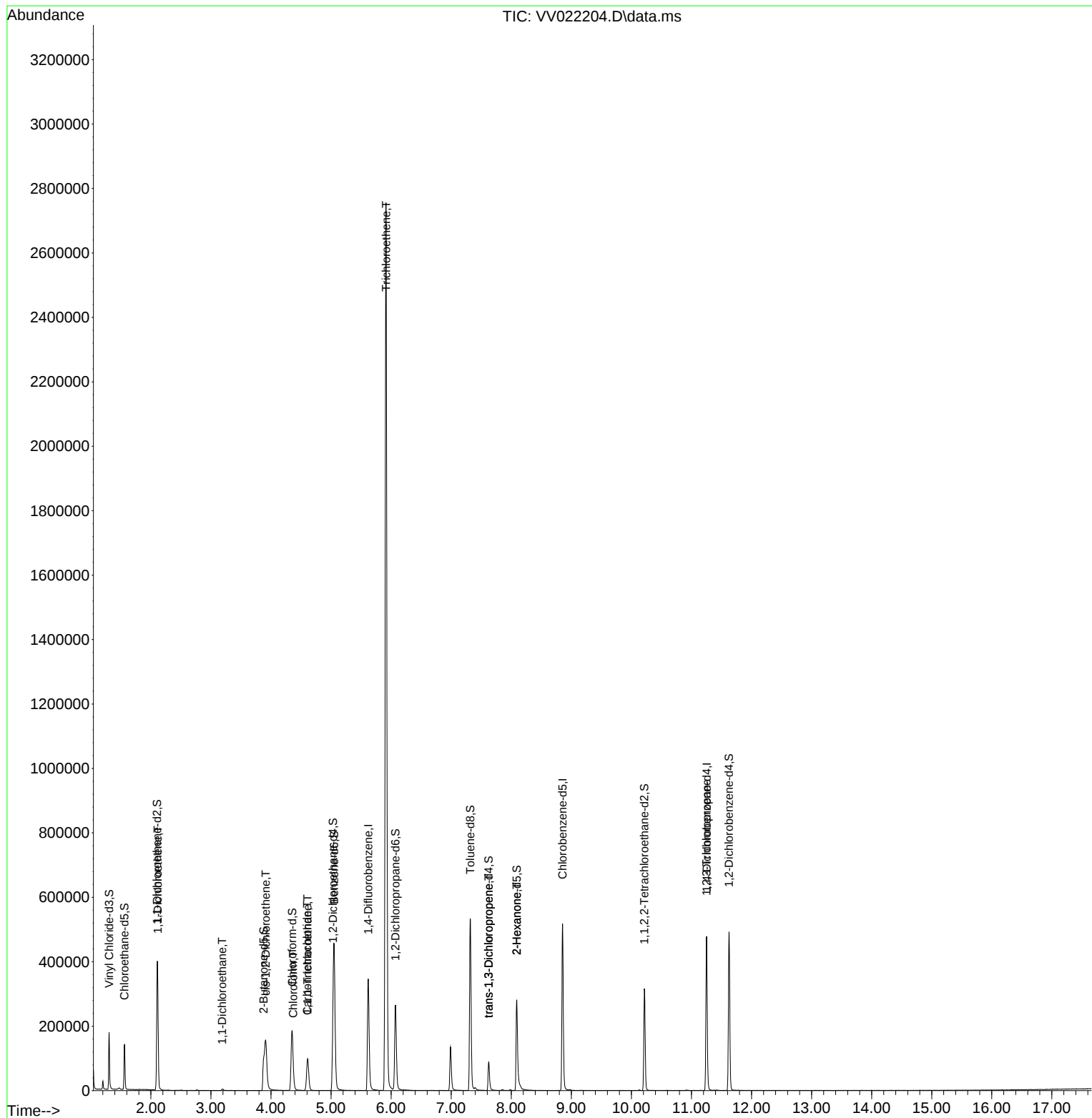
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	309689	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	294726	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	129052	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	115514	53.862	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	107.720%
7) Chloroethane-d5	1.561	69	89399	53.379	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	106.760%
11) 1,1-Dichloroethene-d2	2.104	63	176955	49.891	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.780%
21) 2-Butanone-d5	3.876	46	153566	104.408	ug/L	-0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.410%
24) Chloroform-d	4.352	84	194542	49.748	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.500%
26) 1,2-Dichloroethane-d4	5.034	65	119661	51.950	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.900%
32) Benzene-d6	5.053	84	405685	50.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.500%
36) 1,2-Dichloropropane-d6	6.072	67	129514	51.517	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.040%
41) Toluene-d8	7.316	98	355590	47.122	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.240%
43) trans-1,3-Dichloroprop...	7.625	79	51955	43.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.840%
47) 2-Hexanone-d5	8.091	63	92600	95.997	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.000%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	152452	47.349	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.700%
66) 1,2-Dichlorobenzene-d4	11.625	152	129955	51.224	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.440%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	49270	27.582	ug/L #	56
19) 1,1-Dichloroethane	3.188	63	4887	1.270	ug/L	93
20) cis-1,2-Dichloroethene	3.911	96	80196	33.360	ug/L	97
25) Chloroform	4.371	83	2841	0.698	ug/L	87
30) 1,1,1-Trichloroethane	4.609	97	82446	23.537	ug/L	97
31) Carbon tetrachloride	4.606	117	10957	3.641	ug/L	97
34) Trichloroethene	5.915	95	943237	388.341	ug/L	99
44) trans-1,3-Dichloropropene	7.625	75	2087	0.653	ug/L	86
48) 2-Hexanone	8.091	43	11198	4.789	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	13970	6.246	ug/L #	63

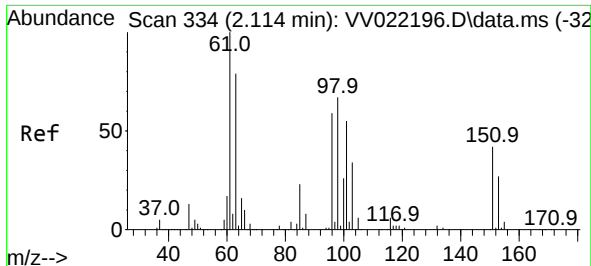
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 18 04:25:40 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 27.582 ug/L

RT: 2.114 min Scan# 334

Delta R.T. -0.000 min

Lab File: VV022204.D

Acq: 17 Sep 2021 23:06

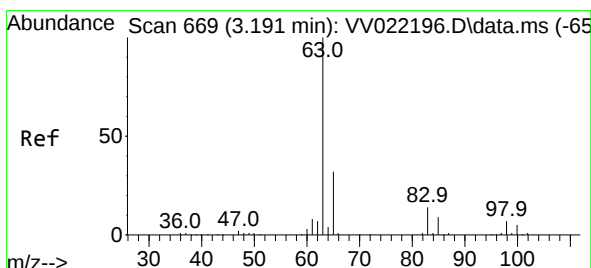
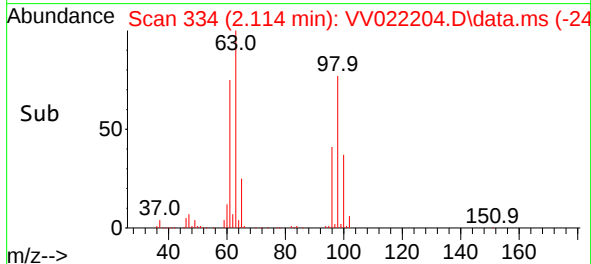
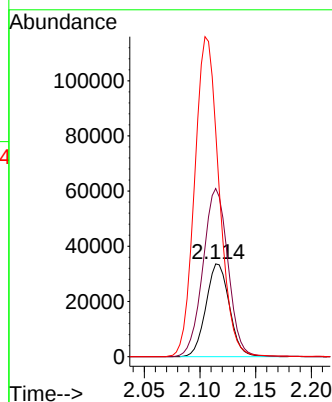
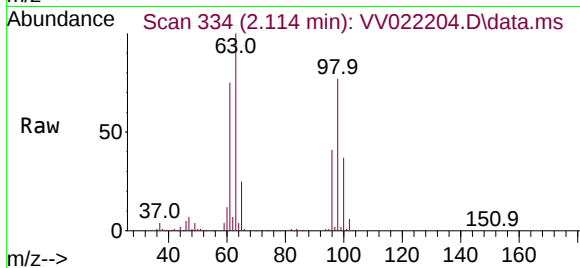
Tgt Ion: 96 Resp: 49270

Ion Ratio Lower Upper

96 100

61 181.2 113.2 210.2

63 242.9 102.3 189.9#



#19

1,1-Dichloroethane

Concen: 1.270 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV022204.D

Acq: 17 Sep 2021 23:06

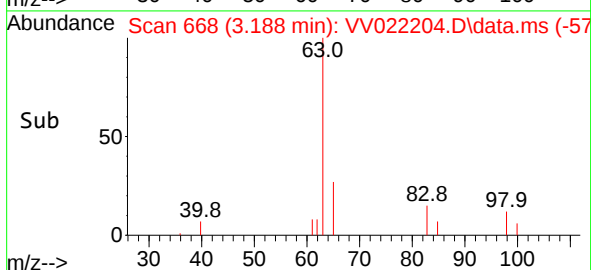
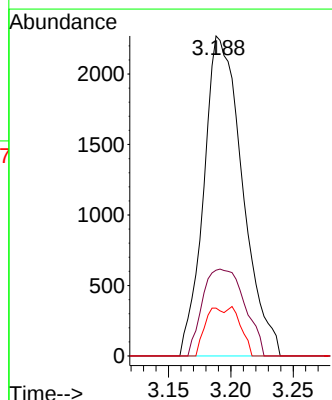
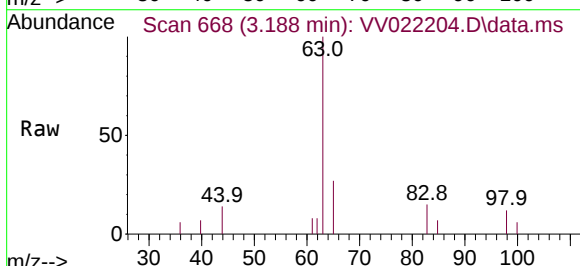
Tgt Ion: 63 Resp: 4887

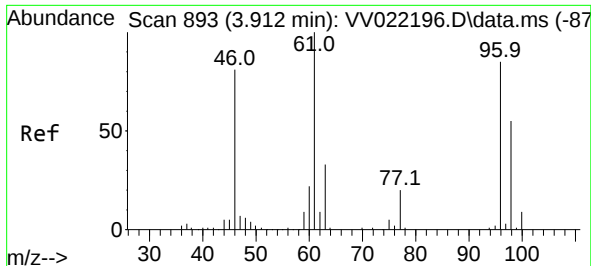
Ion Ratio Lower Upper

63 100

65 26.8 22.2 41.2

83 14.9 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 33.360 ug/L

RT: 3.911 min Scan# 893

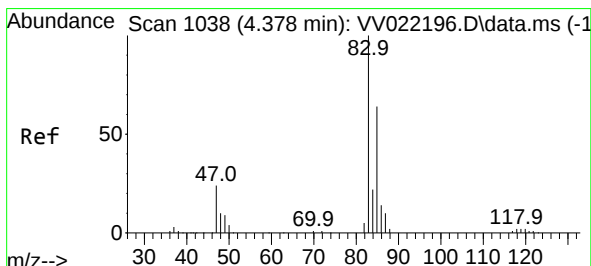
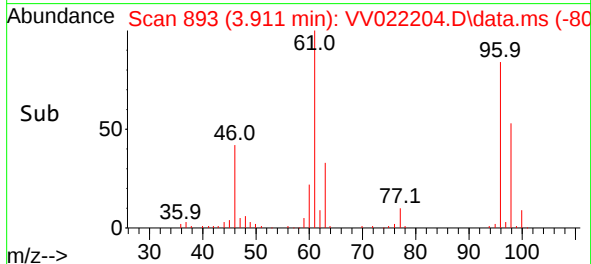
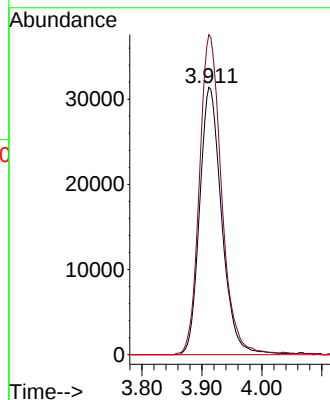
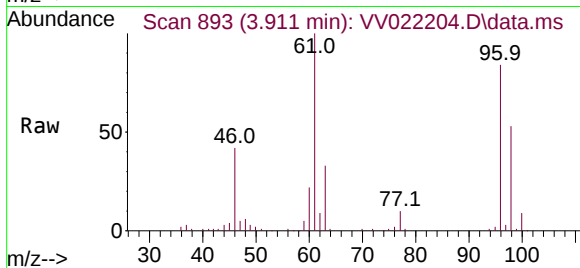
Delta R.T. -0.000 min

Lab File: VV022204.D

Acq: 17 Sep 2021 23:06

Tgt Ion: 96 Resp: 80196

Ion	Ratio	Lower	Upper
96	100		
61	119.7	81.8	152.0
68	0.0	0.0	0.0



#25

Chloroform

Concen: 0.698 ug/L

RT: 4.371 min Scan# 1036

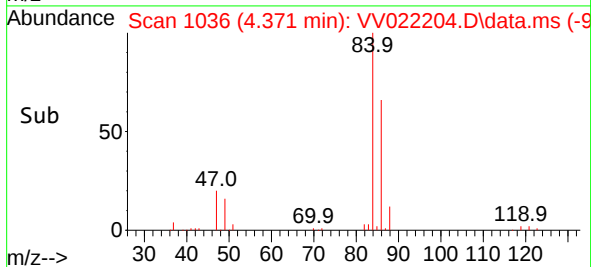
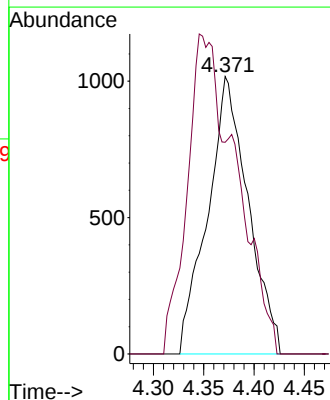
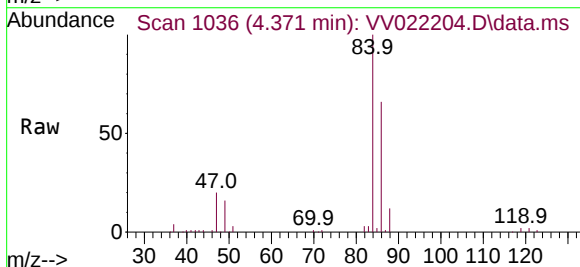
Delta R.T. -0.006 min

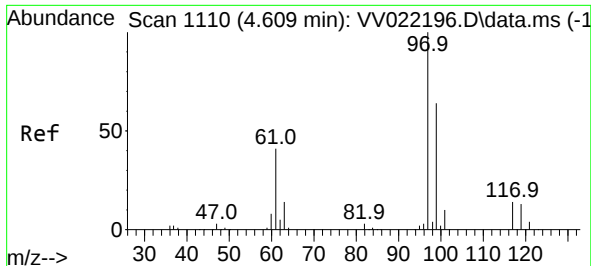
Lab File: VV022204.D

Acq: 17 Sep 2021 23:06

Tgt Ion: 83 Resp: 2841

Ion	Ratio	Lower	Upper
83	100		
85	76.3	46.3	85.9

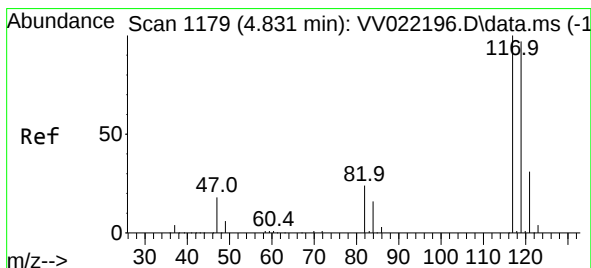
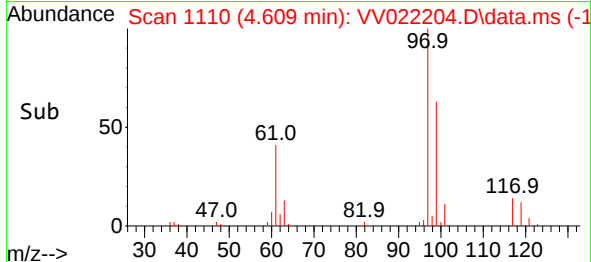
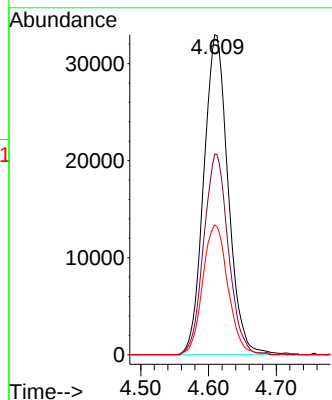
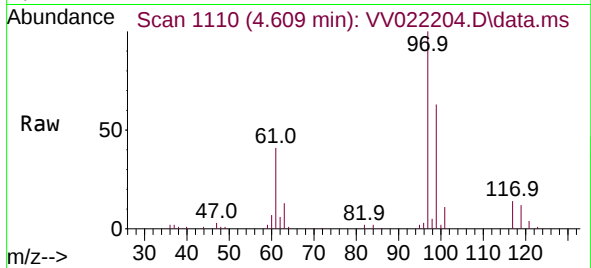




#30
1,1,1-Trichloroethane
Concen: 23.537 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.000 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

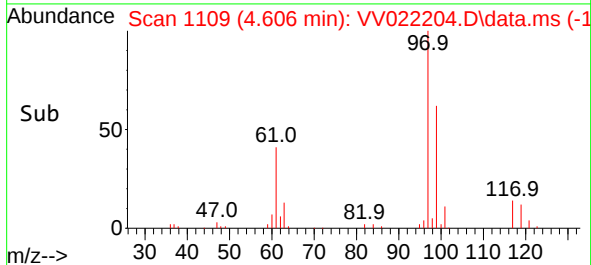
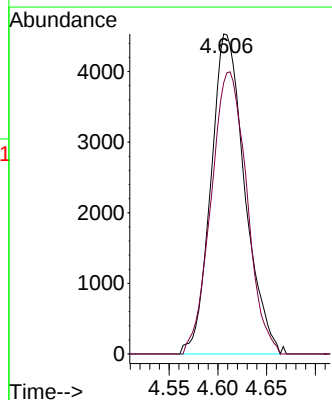
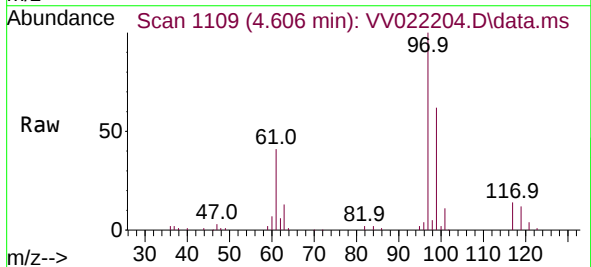
Instrument :
MSVOA_V
ClientSampleId :

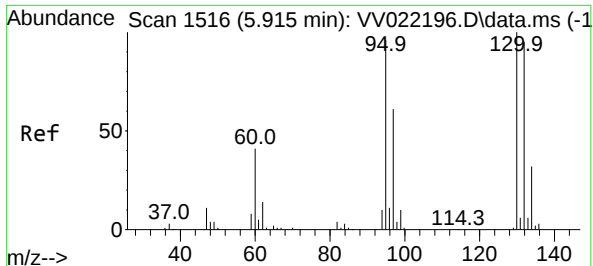
Tgt Ion:	97	Resp:	82446
Ion	Ratio	Lower	Upper
97	100		
99	63.2	52.0	78.0
61	41.9	31.8	47.8



#31
Carbon tetrachloride
Concen: 3.641 ug/L
RT: 4.606 min Scan# 1109
Delta R.T. -0.225 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

Tgt Ion:	117	Resp:	10957
Ion	Ratio	Lower	Upper
117	100		
119	92.7	76.6	114.8

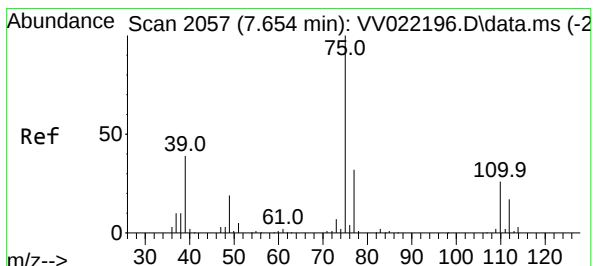
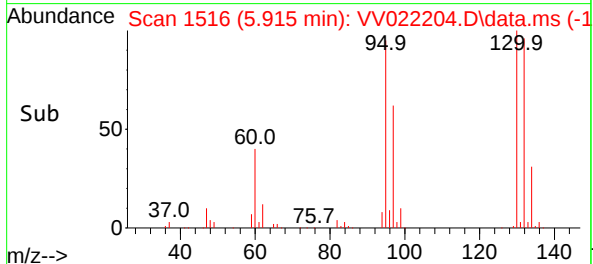
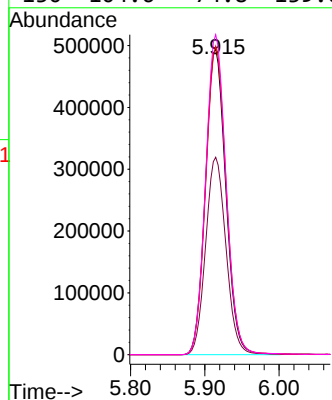
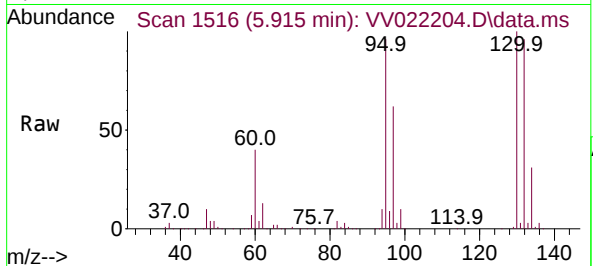




#34
Trichloroethene
Concen: 388.341 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

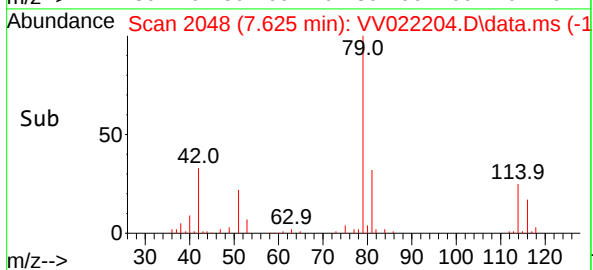
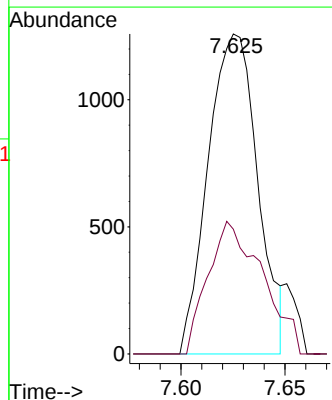
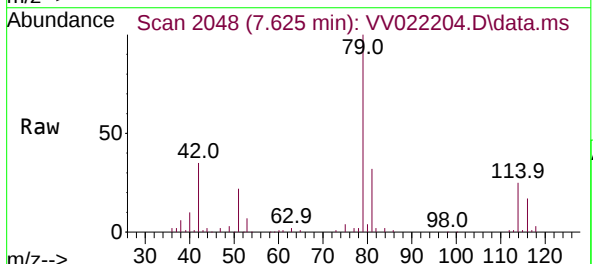
Instrument :
MSVOA_V
ClientSampleId :

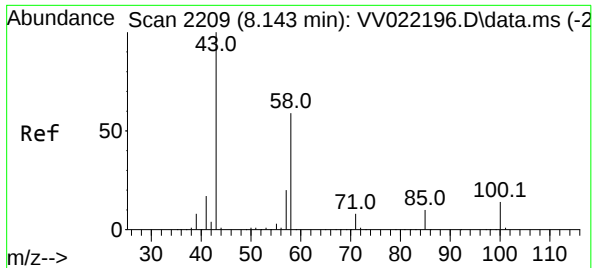
Tgt Ion: 95 Resp: 943237
Ion Ratio Lower Upper
95 100
97 64.5 44.1 81.9
132 100.8 70.7 131.3
130 104.6 74.8 139.0



#44
trans-1,3-Dichloropropene
Concen: 0.653 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.029 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

Tgt Ion: 75 Resp: 2087
Ion Ratio Lower Upper
75 100
77 39.0 21.8 40.6

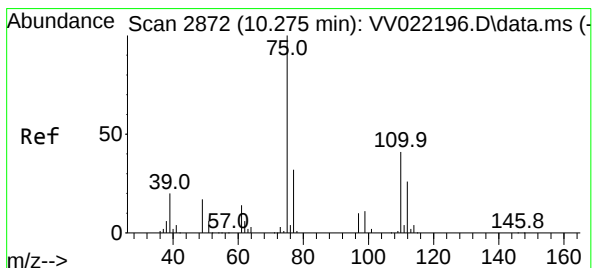
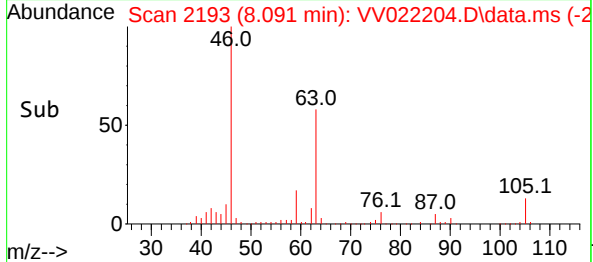
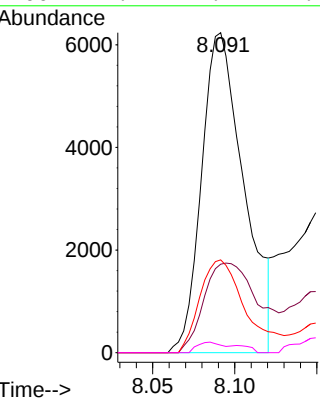
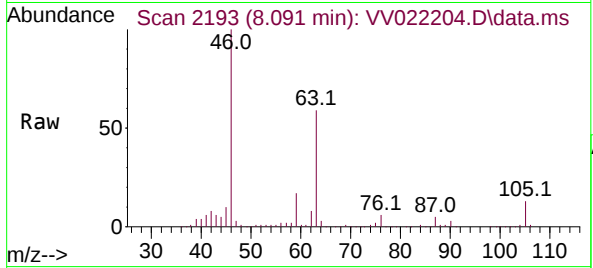




#48
2-Hexanone
Concen: 4.789 ug/L
RT: 8.091 min Scan# 2193
Delta R.T. -0.051 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 43	Resp: 11198
Ion Ratio	Lower Upper
43 100	
58 36.3	47.5 71.3#
57 31.4	15.9 23.9#
100 1.9	11.4 17.2#



#61
1,2,3-Trichloropropane
Concen: 6.246 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022204.D
Acq: 17 Sep 2021 23:06

Tgt Ion: 75	Resp: 13970
Ion Ratio	Lower Upper
75 100	
77 35.0	26.2 39.2
110 3.1	33.8 50.6#

