

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022489.D
 Acq On : 02 Oct 2021 02:04
 Operator : SY/MD
 Sample : M4024-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL4

Quant Time: Oct 02 03:34:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 01:27:14 2021
 Response via : Initial Calibration

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

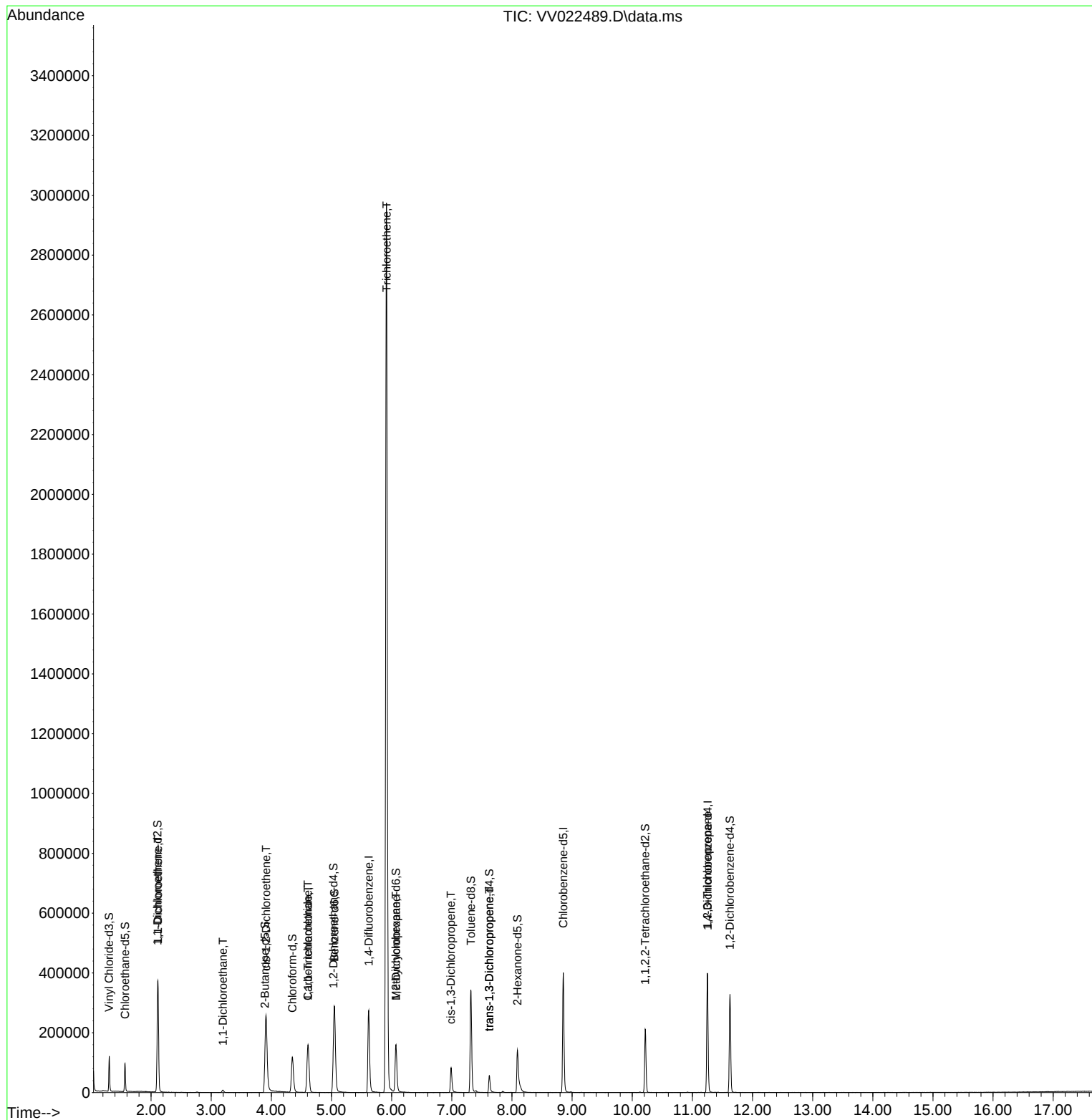
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	245110	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	228322	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	108169	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	71857	47.402	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	94.800%		
7) Chloroethane-d5	1.568	69	56975	47.814	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	95.620%		
11) 1,1-Dichloroethene-d2	2.108	63	140525	47.014	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.020%		
21) 2-Butanone-d5	3.892	46	67951	81.434	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	81.430%		
24) Chloroform-d	4.349	84	123965	44.759	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.520%		
26) 1,2-Dichloroethane-d4	5.034	65	73246	45.590	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.180%		
32) Benzene-d6	5.050	84	254397	48.095	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.180%		
36) 1,2-Dichloropropane-d6	6.072	67	79031	48.534	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.060%		
41) Toluene-d8	7.317	98	226071	46.594	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	93.180%		
43) trans-1,3-Dichloroprop...	7.625	79	33224	43.124	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.240%		
47) 2-Hexanone-d5	8.092	63	60787	90.114	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.110%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	101922	45.013	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.020%		
66) 1,2-Dichlorobenzene-d4	11.625	152	89760	50.885	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	101.780%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.118	96	74554	43.543	ug/L	98
19) 1,1-Dichloroethane	3.195	63	8035	2.416	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	139991	69.914	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	131970	46.270	ug/L	100
31) Carbon tetrachloride	4.609	117	18054	7.205	ug/L	98
34) Trichloroethene	5.915	95	1009126	548.227	ug/L	99
35) Methylcyclohexane	6.072	83	18971	6.797	ug/L #	20
39) cis-1,3-Dichloropropene	6.986	75	2387	0.879	ug/L #	76
44) trans-1,3-Dichloropropene	7.625	75	1534	0.587	ug/L	92
61) 1,2,3-Trichloropropane	11.249	75	11698	5.687	ug/L #	64

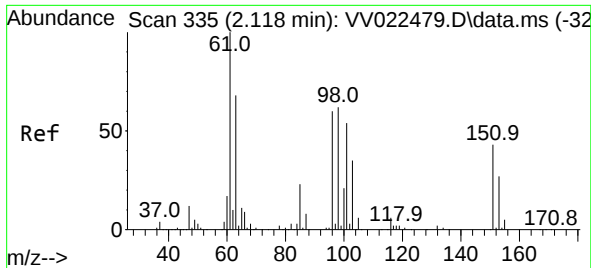
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 43.543 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV022489.D

Acq: 02 Oct 2021 02:04

Instrument :

MSVOA_V

ClientSampleId :

C0AL4

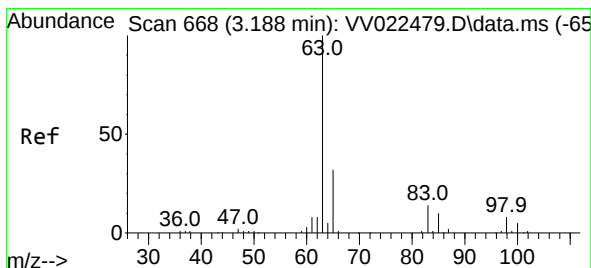
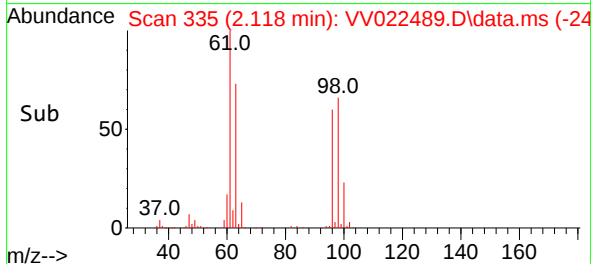
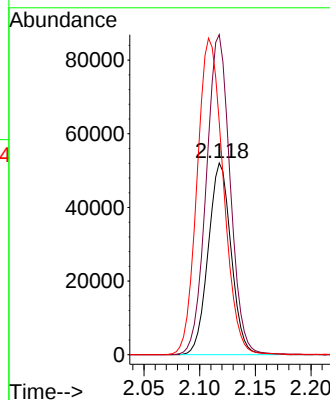
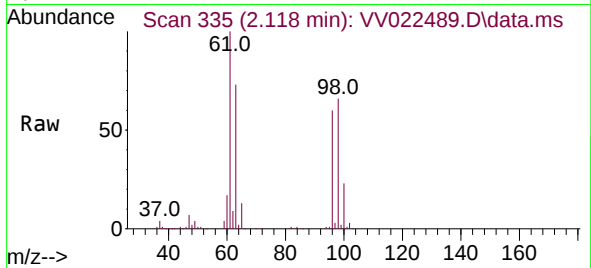
Tgt Ion: 96 Resp: 74554

Ion Ratio Lower Upper

96 100

61 166.9 118.0 219.2

63 121.3 86.4 160.4



#19

1,1-Dichloroethane

Concen: 2.416 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.006 min

Lab File: VV022489.D

Acq: 02 Oct 2021 02:04

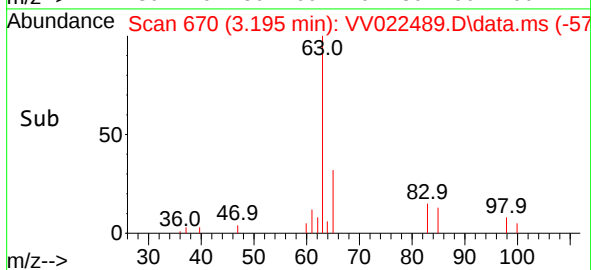
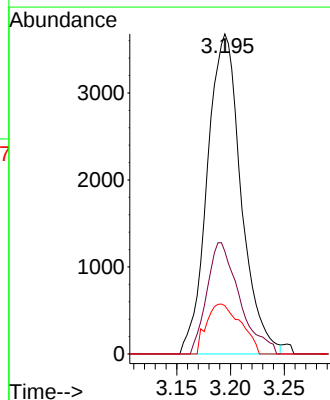
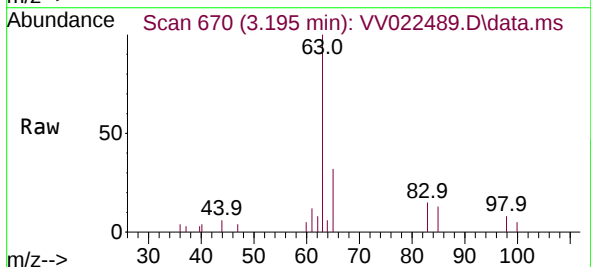
Tgt Ion: 63 Resp: 8035

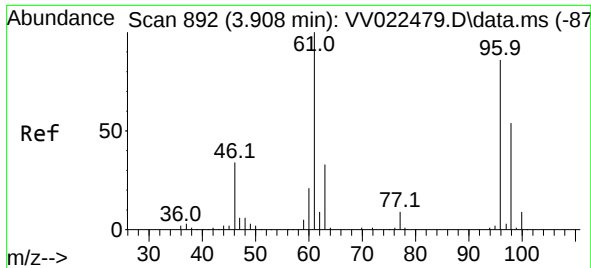
Ion Ratio Lower Upper

63 100

65 32.1 22.9 42.5

83 15.1 9.4 17.4

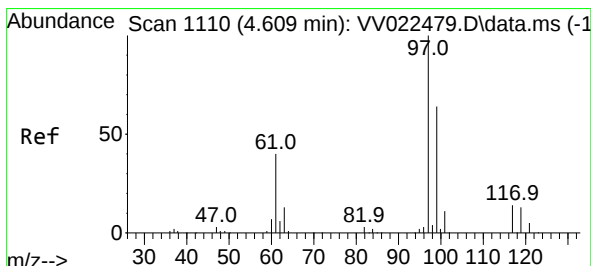
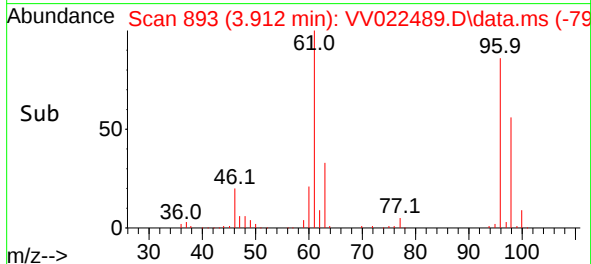
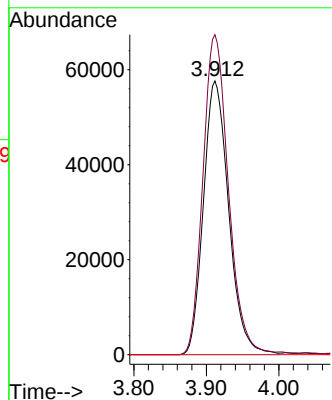
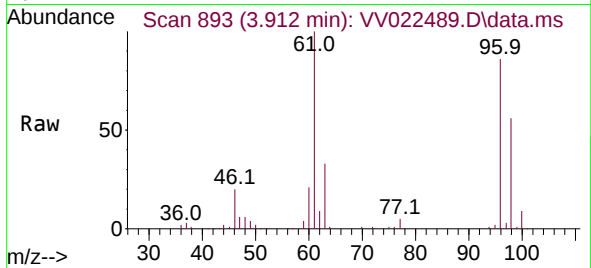




#20
 cis-1,2-Dichloroethene
 Concen: 69.914 ug/L
 RT: 3.912 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VV022489.D
 Acq: 02 Oct 2021 02:04

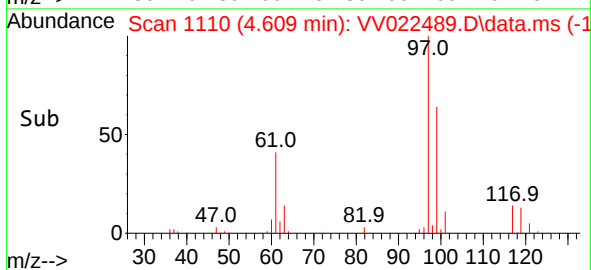
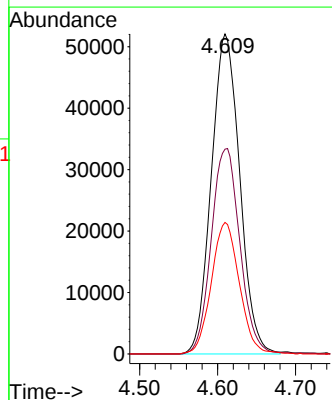
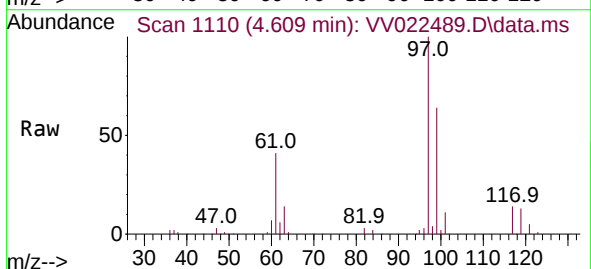
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AL4

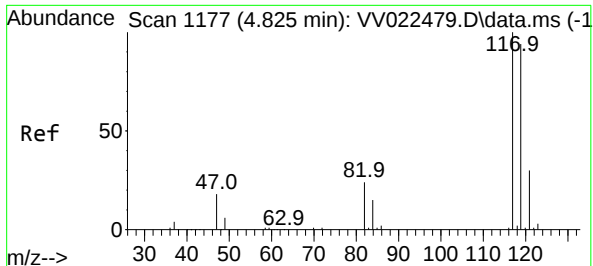
Tgt Ion: 96 Resp: 139991
 Ion Ratio Lower Upper
 96 100
 61 116.9 81.9 152.1
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 46.270 ug/L
 RT: 4.609 min Scan# 1110
 Delta R.T. 0.000 min
 Lab File: VV022489.D
 Acq: 02 Oct 2021 02:04

Tgt Ion: 97 Resp: 131970
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.7 77.5
 61 40.6 32.9 49.3

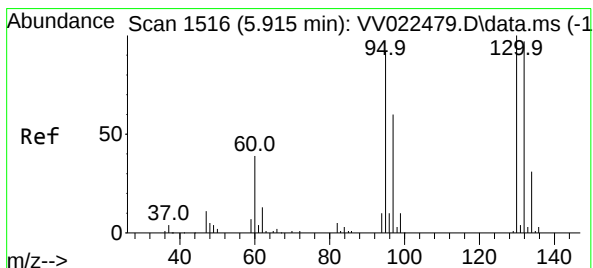
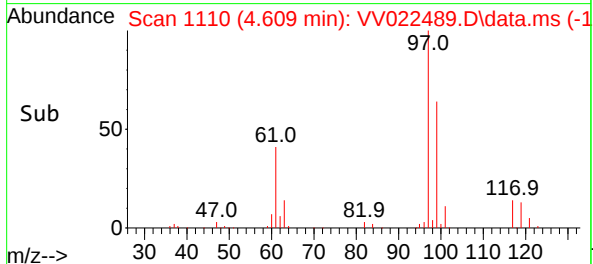
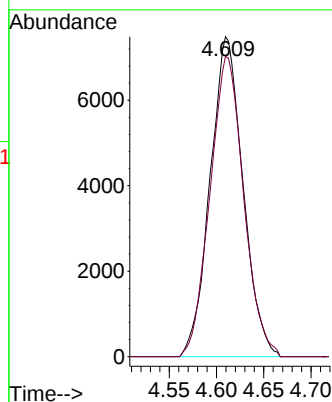
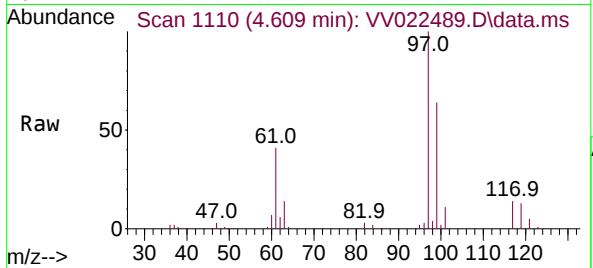




#31
Carbon tetrachloride
Concen: 7.205 ug/L
RT: 4.609 min Scan# 1110
Delta R.T. -0.215 min
Lab File: VV022489.D
Acq: 02 Oct 2021 02:04

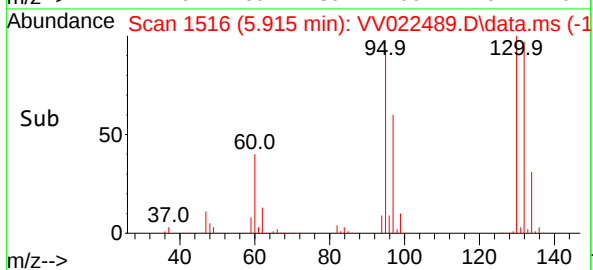
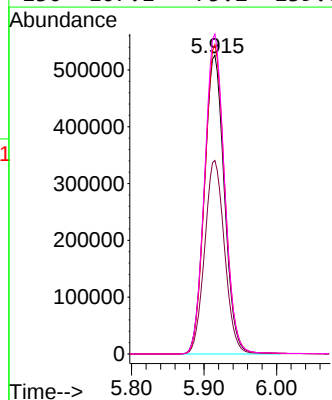
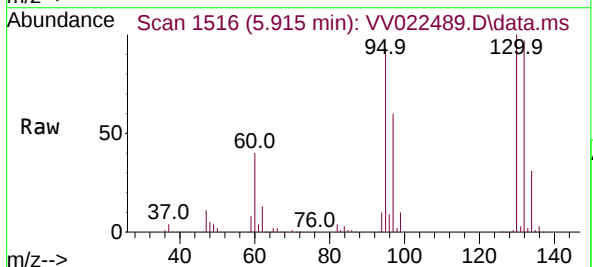
Instrument :
MSVOA_V
ClientSampled :
C0AL4

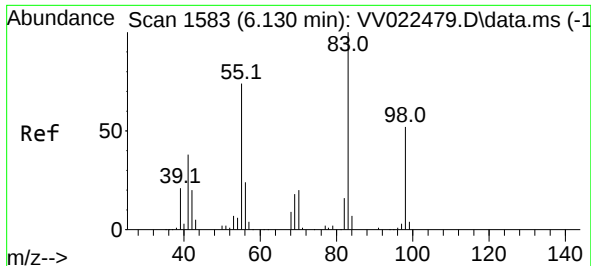
Tgt Ion:117 Resp: 18054
Ion Ratio Lower Upper
117 100
119 96.1 78.3 117.5



#34
Trichloroethene
Concen: 548.227 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VV022489.D
Acq: 02 Oct 2021 02:04

Tgt Ion: 95 Resp: 1009126
Ion Ratio Lower Upper
95 100
97 64.8 45.4 84.4
132 103.5 71.5 132.9
130 107.1 75.2 139.6





#35

Methylcyclohexane

Concen: 6.797 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.058 min

Lab File: VV022489.D

Acq: 02 Oct 2021 02:04

Tgt Ion: 83 Resp: 18971

Ion Ratio Lower Upper

83 100

55 0.0 56.7 85.1#

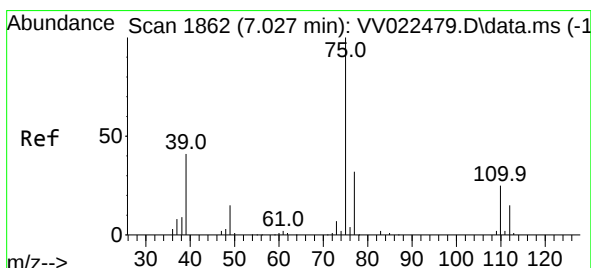
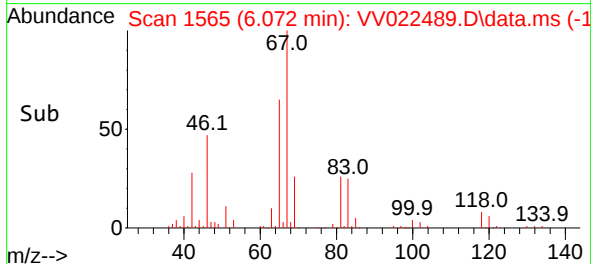
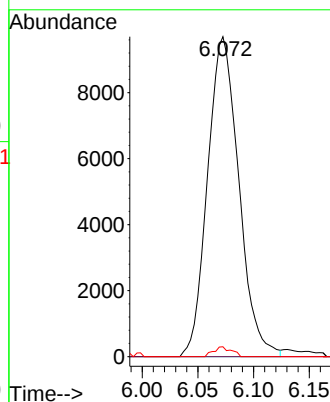
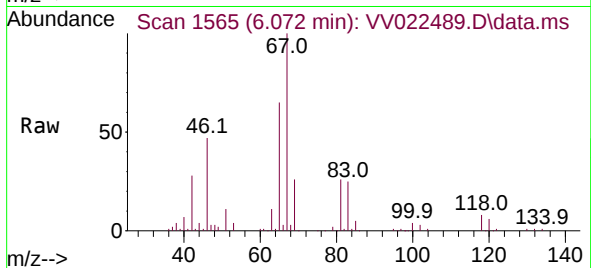
98 0.3 40.6 60.8#

Instrument :

MSVOA_V

ClientSampled :

C0AL4



#39

cis-1,3-Dichloropropene

Concen: 0.879 ug/L

RT: 6.986 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV022489.D

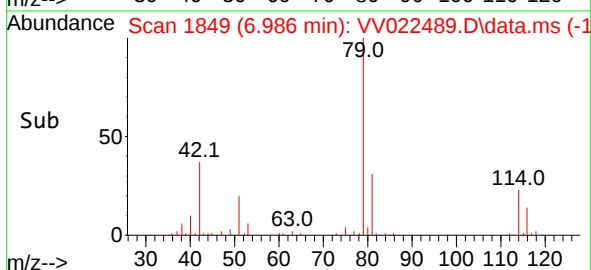
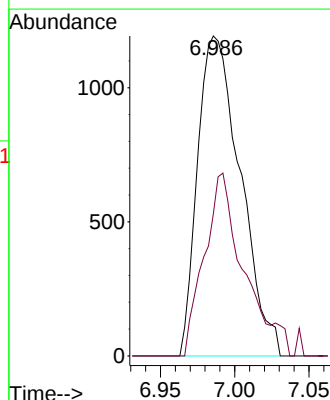
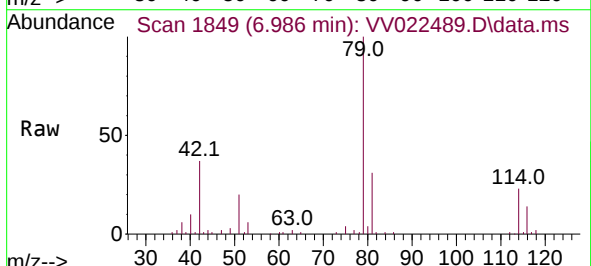
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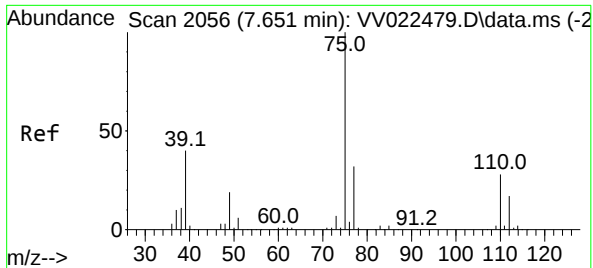
Tgt Ion: 75 Resp: 2387

Ion Ratio Lower Upper

75 100

77 44.3 21.6 40.2#

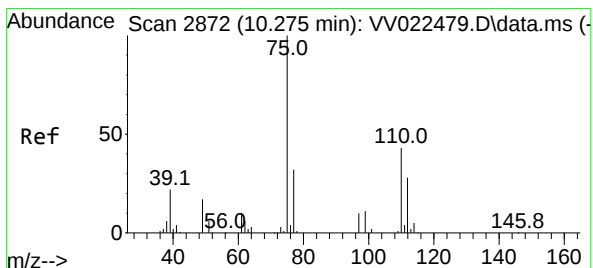
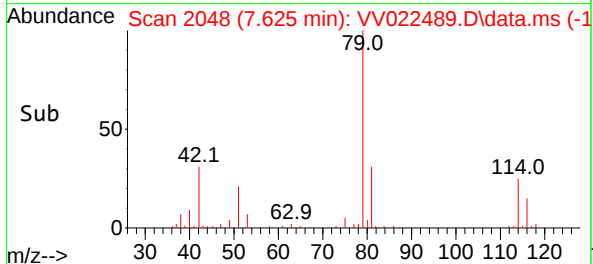
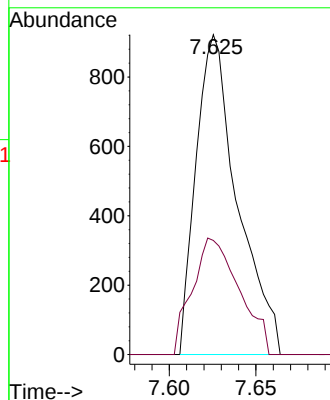
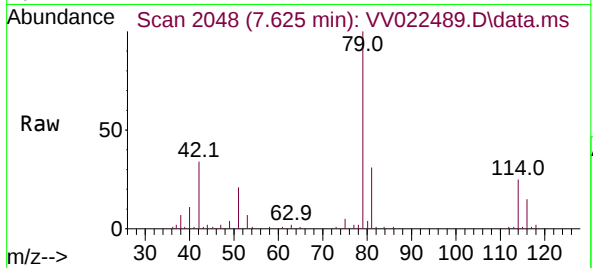




#44
trans-1,3-Dichloropropene
Concen: 0.587 ug/L
RT: 7.625 min Scan# 2048
Delta R.T. -0.026 min
Lab File: VV022489.D
Acq: 02 Oct 2021 02:04

Instrument :
MSVOA_V
ClientSampled :
C0AL4

Tgt Ion: 75 Resp: 1534
Ion Ratio Lower Upper
75 100
77 35.7 22.0 40.8



#61
1,2,3-Trichloropropane
Concen: 5.687 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.974 min
Lab File: VV022489.D
Acq: 02 Oct 2021 02:04

Tgt Ion: 75 Resp: 11698
Ion Ratio Lower Upper
75 100
77 33.0 26.0 39.0
110 2.7 34.3 51.5#

