

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV091523\
 Data File : VV032120.D
 Acq On : 15 Sep 2023 14:38
 Operator : SY/MD
 Sample : 04359-05 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 16 02:13:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 16 02:09:37 2023
 Response via : Initial Calibration

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

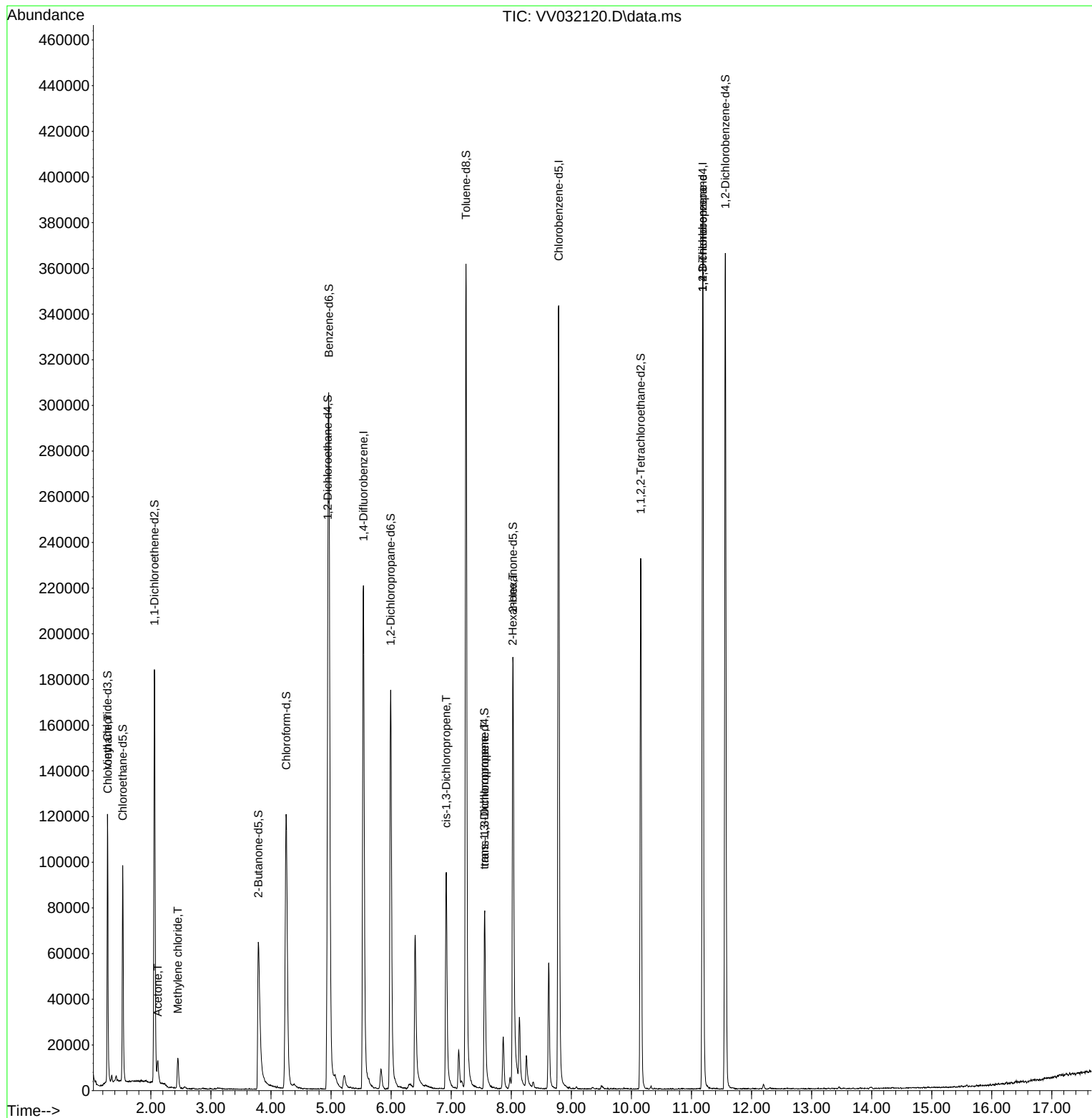
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	197314	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	190344	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	98910	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	76668	62.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 124.180%			
7) Chloroethane-d5	1.532	69	61502	56.815	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.620%			
11) 1,1-Dichloroethene-d2	2.060	65	30917	53.469	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 106.940%			
21) 2-Butanone-d5	3.789	46	106514	109.671	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 109.670%			
24) Chloroform-d	4.253	84	131049	48.553	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.100%			
26) 1,2-Dichloroethane-d4	4.947	65	84474	47.161	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.320%			
32) Benzene-d6	4.963	84	273881	52.731	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.460%			
36) 1,2-Dichloropropane-d6	5.992	67	91281	54.602	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 109.200%			
41) Toluene-d8	7.246	98	246141	51.433	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.860%			
43) trans-1,3-Dichloroprop...	7.555	79	39671	45.784	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.560%			
47) 2-Hexanone-d5	8.027	63	67473	131.684	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 131.680%#			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	118685	54.939	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 109.880%			
66) 1,2-Dichlorobenzene-d4	11.564	152	92334	51.209	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.420%			
Target Compounds						Qvalue
8) Chloroethane	1.282	64	1052	1.210	ug/L #	1
13) Acetone	2.114	43	8753	10.126	ug/L	100
16) Methylene chloride	2.449	84	5076	3.820	ug/L	96
39) cis-1,3-Dichloropropene	6.918	75	2515	0.998	ug/L #	52
44) trans-1,3-Dichloropropene	7.558	75	1883	0.778	ug/L	97
48) 2-Hexanone	8.024	43	13772	7.838	ug/L #	58
61) 1,2,3-Trichloropropane	11.188	75	12510	6.695	ug/L #	68

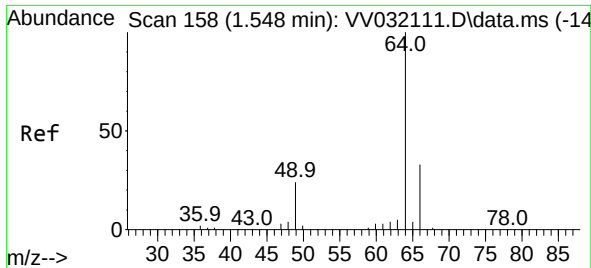
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Sep 16 02:09:37 2023
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.210 ug/L

RT: 1.282 min Scan# 71

Delta R.T. -0.267 min

Lab File: VV032120.D

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Instrument :

MSVOA_V

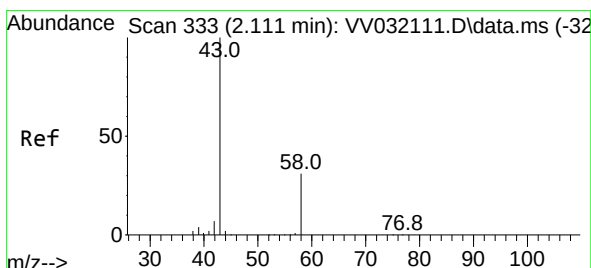
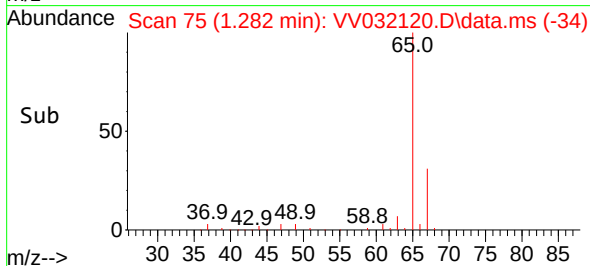
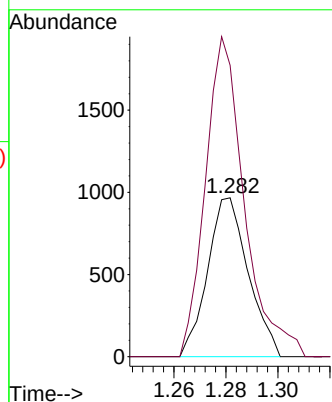
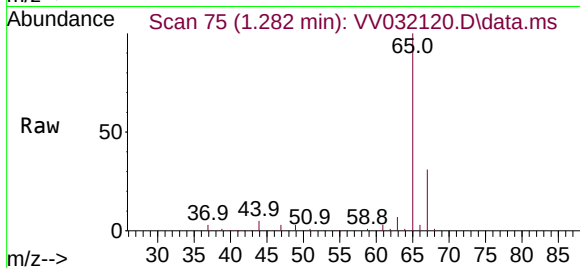
ClientSampleId :

Tgt Ion: 64 Resp: 1052

Ion Ratio Lower Upper

64 100

66 183.4 23.2 43.2#



#13

Acetone

Concen: 10.126 ug/L

RT: 2.114 min Scan# 334

Delta R.T. 0.003 min

Lab File: VV032120.D

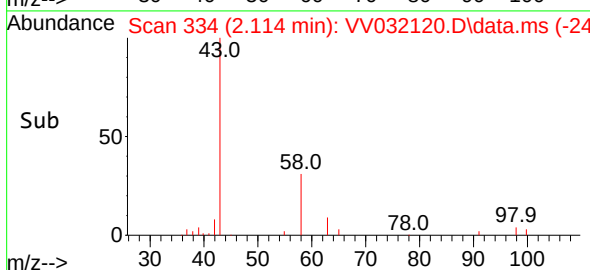
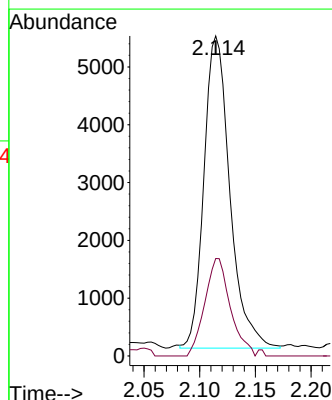
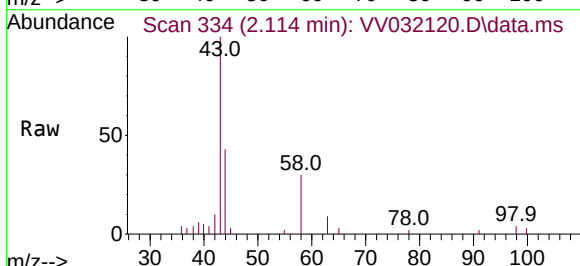
Acq: 15 Sep 2023 14:38

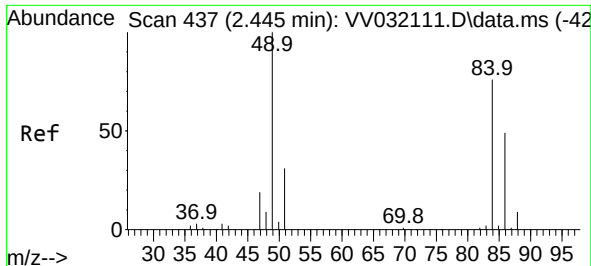
Tgt Ion: 43 Resp: 8753

Ion Ratio Lower Upper

43 100

58 30.7 0.0 61.0

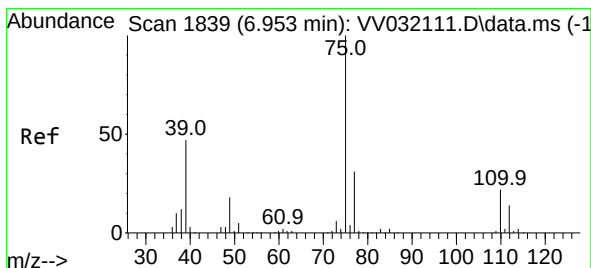
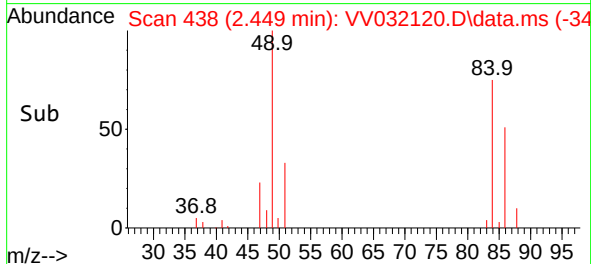
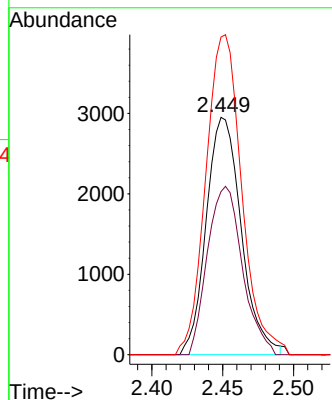
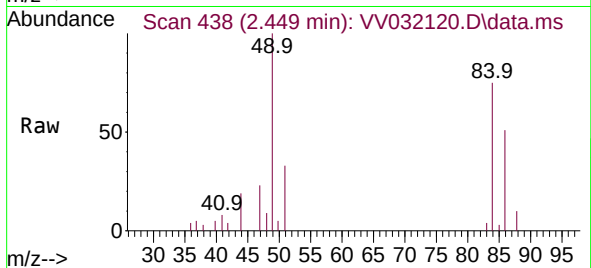




#16
Methylene chloride
Concen: 3.820 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032120.D
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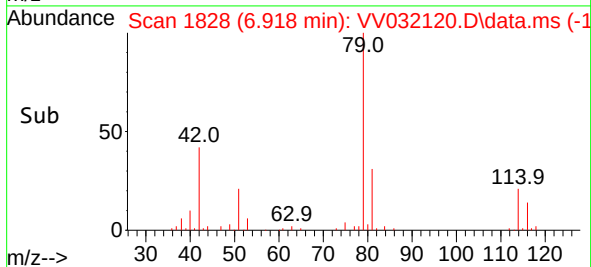
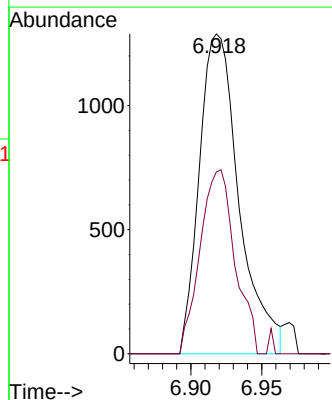
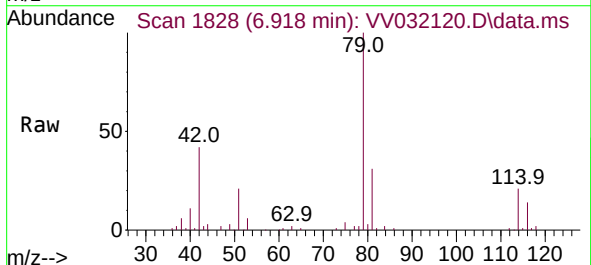
Instrument :
MSVOA_V
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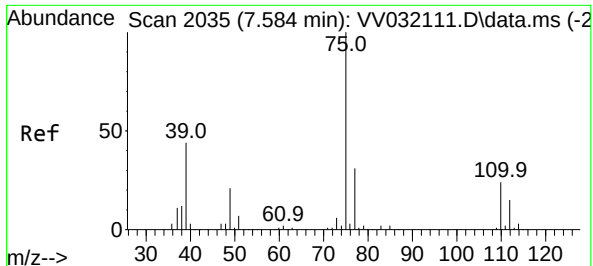
Tgt Ion: 84 Resp: 5076
Ion Ratio Lower Upper
84 100
86 68.7 44.6 82.8
49 133.9 91.6 170.2



#39
cis-1,3-Dichloropropene
Concen: 0.998 ug/L
RT: 6.918 min Scan# 1828
Delta R.T. -0.035 min
Lab File: VV032120.D
Acq: 15 Sep 2023 14:38

Tgt Ion: 75 Resp: 2515
Ion Ratio Lower Upper
75 100
77 56.9 21.4 39.8#

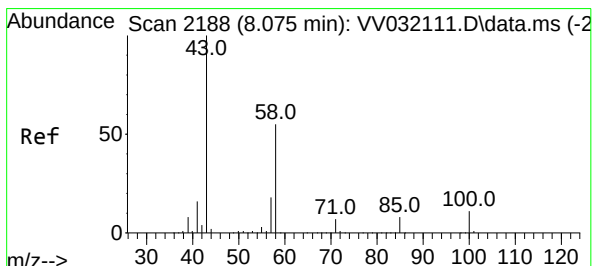
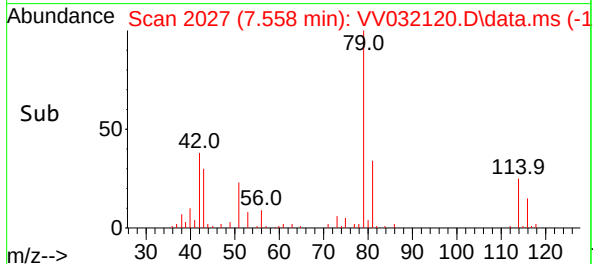
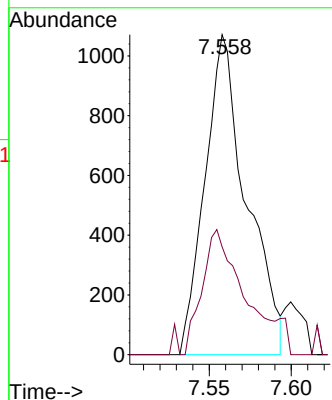
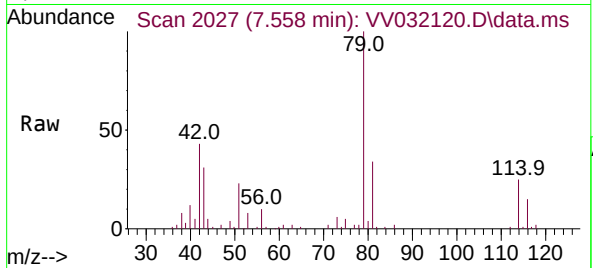




#44
trans-1,3-Dichloropropene
Concen: 0.778 ug/L
RT: 7.558 min Scan# 2035
Delta R.T. -0.026 min
Lab File: VV032120.D
Acq: 15 Sep 2023 14:38

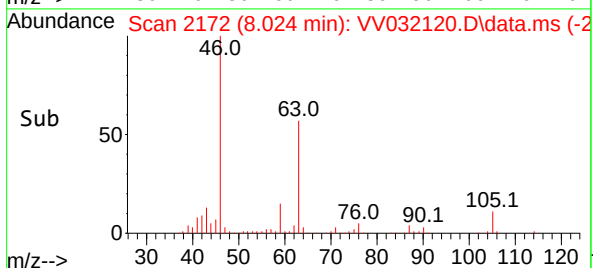
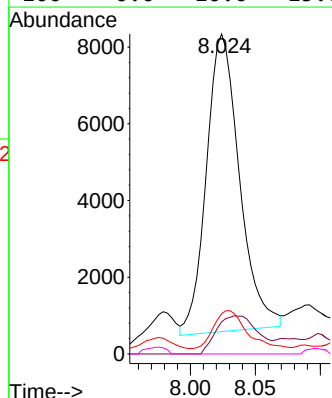
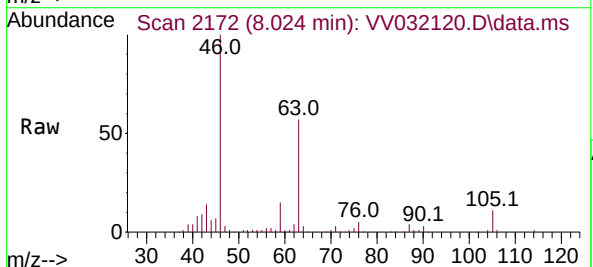
Instrument :
MSVOA_V
ClientSampleId :

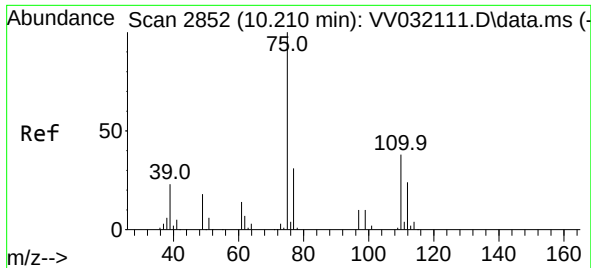
Tgt Ion: 75 Resp: 1883
Ion Ratio Lower Upper
75 100
77 33.7 22.5 41.9



#48
2-Hexanone
Concen: 7.838 ug/L
RT: 8.024 min Scan# 2172
Delta R.T. -0.051 min
Lab File: VV032120.D
Acq: 15 Sep 2023 14:38

Tgt Ion: 43 Resp: 13772
Ion Ratio Lower Upper
43 100
58 15.9 44.0 66.0#
57 13.6 15.9 23.9#
100 0.0 10.0 15.0#





#61

1,2,3-Trichloropropane

Concen: 6.695 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.977 min

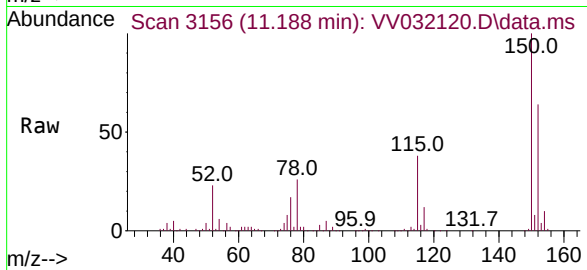
Lab File: VV032120.D

Acq: 15 Sep 2023 14:38

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion: 75	Resp:	12510
Ion Ratio	Lower	Upper
75	100	
77	32.1	25.7 38.5
110	2.1	30.3 45.5#

