

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011924\
 Data File : VV033758.D
 Acq On : 19 Jan 2024 16:49
 Operator : SY/MD
 Sample : P1190-09
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jan 19 22:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 22:20:26 2024
 Response via : Initial Calibration

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

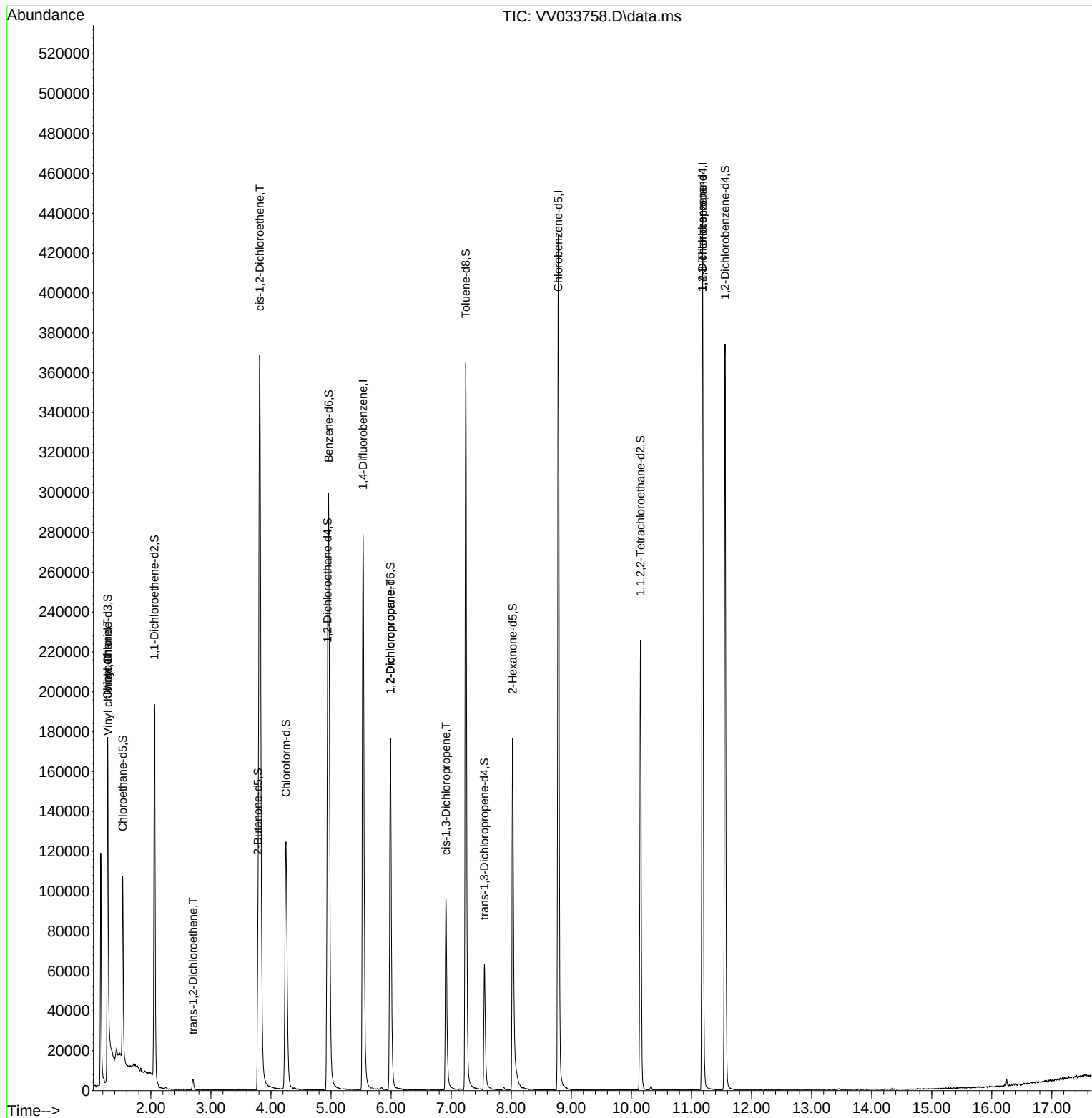
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	237002	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	224685	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	69033	37.900	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.800%		
7) Chloroethane-d5	1.532	69	58416	40.497	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	81.000%		
11) 1,1-Dichloroethene-d2	2.060	65	32383	41.310	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	82.620%		
21) 2-Butanone-d5	3.783	46	86879	69.539	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	69.540%		
24) Chloroform-d	4.249	84	132328	40.629	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	81.260%		
26) 1,2-Dichloroethane-d4	4.941	65	91239	43.356	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.720%		
32) Benzene-d6	4.960	84	262546	41.102	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.200%		
36) 1,2-Dichloropropane-d6	5.989	67	83272	39.604	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	79.200%		
41) Toluene-d8	7.243	98	239920	41.687	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	83.380%		
43) trans-1,3-Dichloroprop...	7.555	79	36764	35.379	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.760%		
47) 2-Hexanone-d5	8.024	63	62595	71.770	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	71.770%		
56) 1,1,2,2-Tetrachloroeth...	10.153	84	106427	39.649	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	79.300%		
66) 1,2-Dichlorobenzene-d4	11.561	152	93899	45.325	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.640%		
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	3100	1.445	ug/L #	1
8) Chloroethane	1.278	64	101966	79.726	ug/L #	58
17) trans-1,2-Dichloroethene	2.703	96	2175	1.369	ug/L	87
20) cis-1,2-Dichloroethene	3.812	96	192749	109.001	ug/L	96
37) 1,2-Dichloropropane	5.989	63	9690	5.336	ug/L #	88
39) cis-1,3-Dichloropropene	6.912	75	2964	0.977	ug/L #	75
61) 1,2,3-Trichloropropane	11.185	75	13649	7.043	ug/L #	67

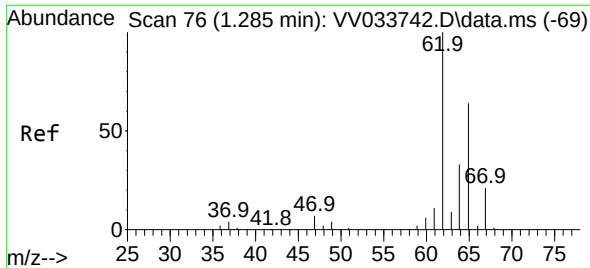
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jan 19 22:20:26 2024
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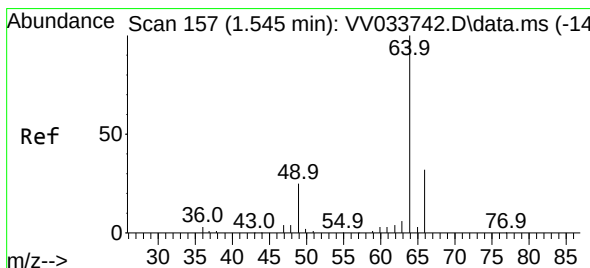
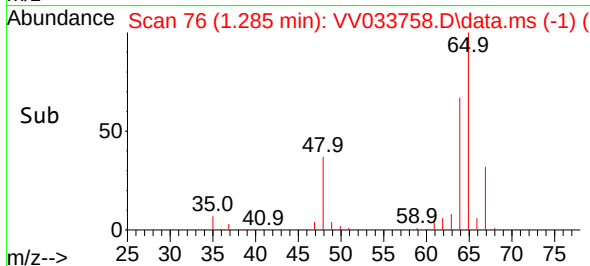
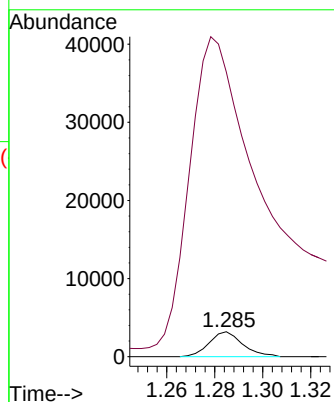
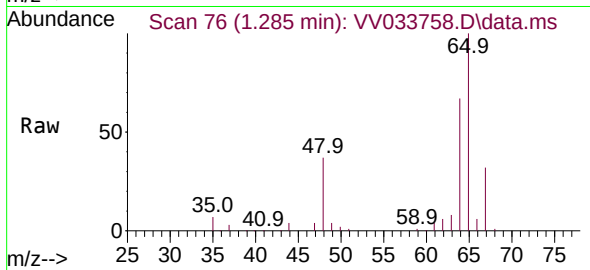




#5
Vinyl chloride
Concen: 1.445 ug/L
RT: 1.285 min Scan# 70
Delta R.T. -0.000 min
Lab File: VV033758.D
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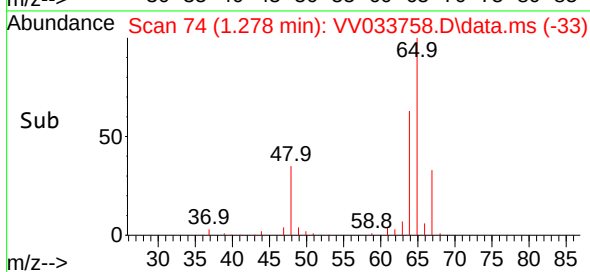
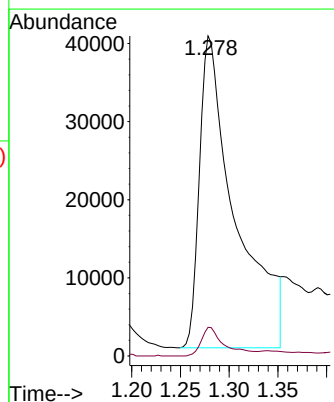
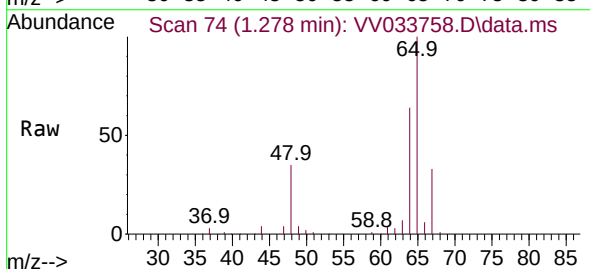
Instrument :
MSVOA_V
ClientSampleId :

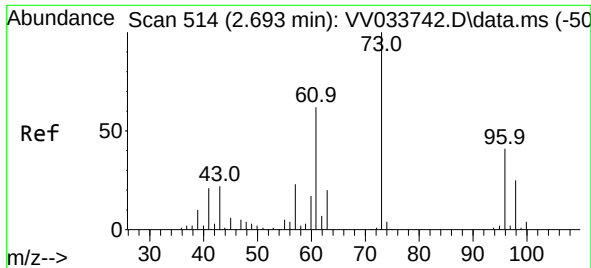
Tgt Ion: 62 Resp: 3100
Ion Ratio Lower Upper
62 100
64 1137.8 23.2 43.0#



#8
Chloroethane
Concen: 79.726 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.267 min
Lab File: VV033758.D
Acq: 19 Jan 2024 16:49

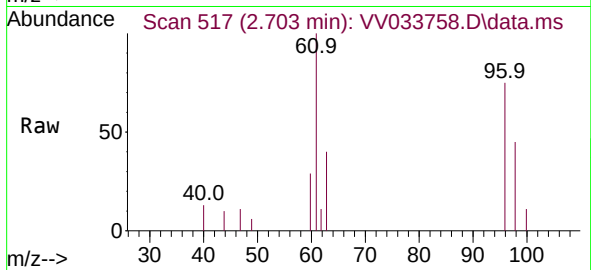
Tgt Ion: 64 Resp: 101966
Ion Ratio Lower Upper
64 100
66 8.9 22.5 41.9#



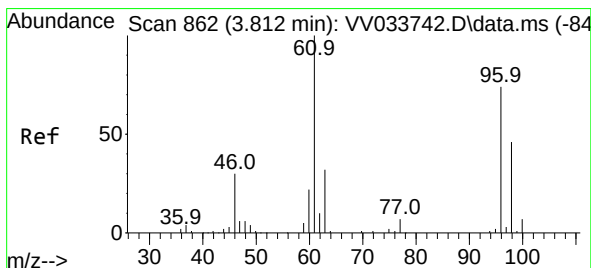
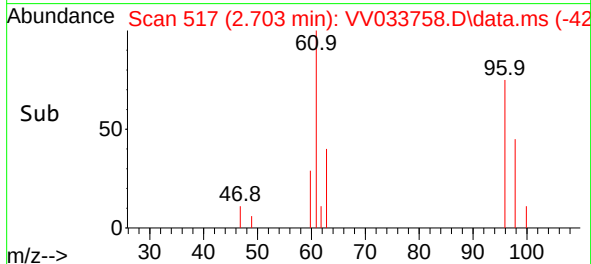
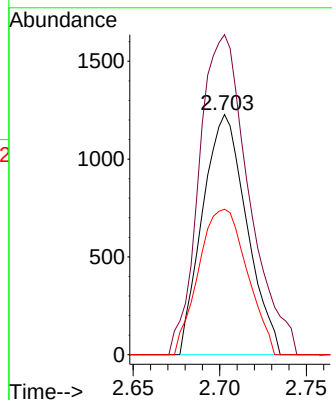


#17
trans-1,2-Dichloroethene
Concen: 1.369 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.010 min
Lab File: VV033758.D
Acq: 19 Jan 2024 16:49

Instrument :
MSVOA_V
ClientSampleId :

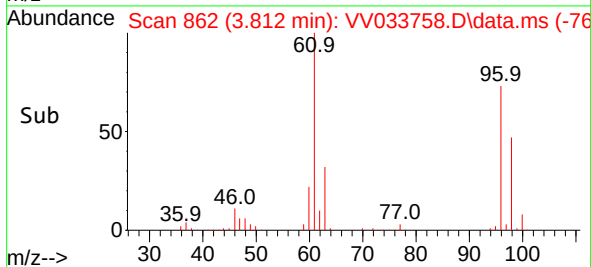
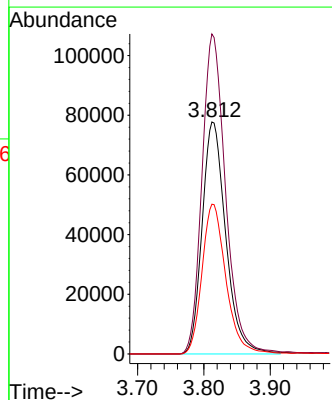
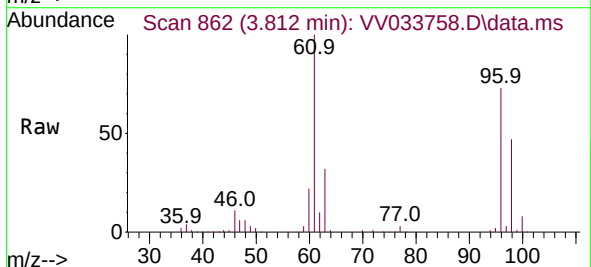


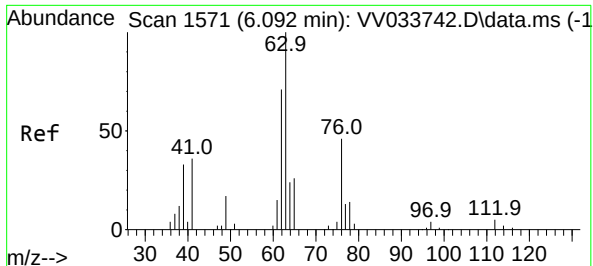
Tgt Ion: 96 Resp: 2175
Ion Ratio Lower Upper
96 100
61 133.2 108.4 201.4
98 60.6 43.8 81.4



#20
cis-1,2-Dichloroethene
Concen: 109.001 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.000 min
Lab File: VV033758.D
Acq: 19 Jan 2024 16:49

Tgt Ion: 96 Resp: 192749
Ion Ratio Lower Upper
96 100
61 137.9 100.6 186.8
98 64.6 44.6 82.8





#37

1,2-Dichloropropane

Concen: 5.336 ug/L

RT: 5.989 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV033758.D

Acq: 19 Jan 2024 16:49

Instrument :

MSVOA_V

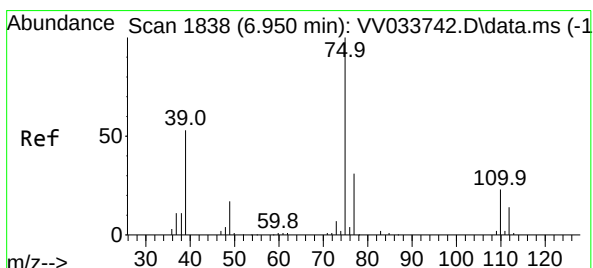
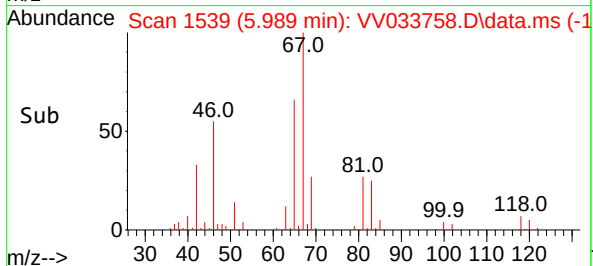
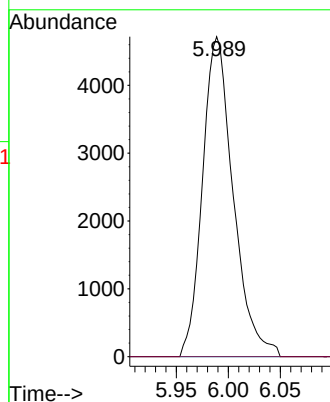
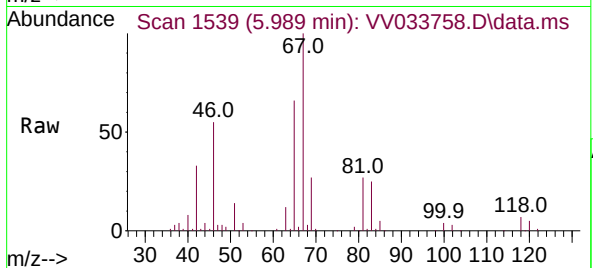
ClientSampleId :

Tgt Ion: 63 Resp: 9690

Ion Ratio Lower Upper

63 100

112 0.0 3.1 4.7#



#39

cis-1,3-Dichloropropene

Concen: 0.977 ug/L

RT: 6.912 min Scan# 1826

Delta R.T. -0.039 min

Lab File: VV033758.D

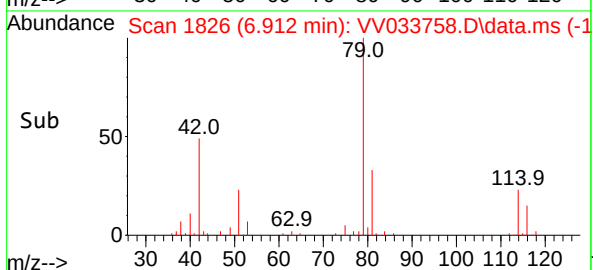
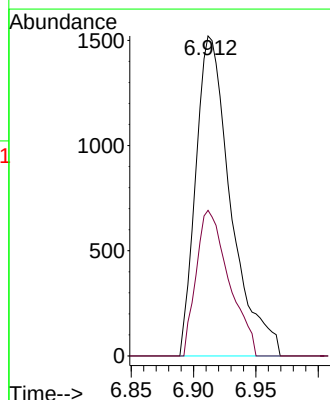
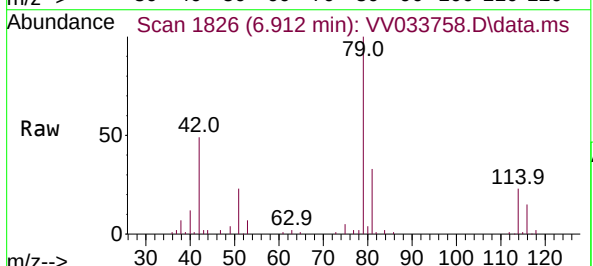
Acq: 19 Jan 2024 16:49

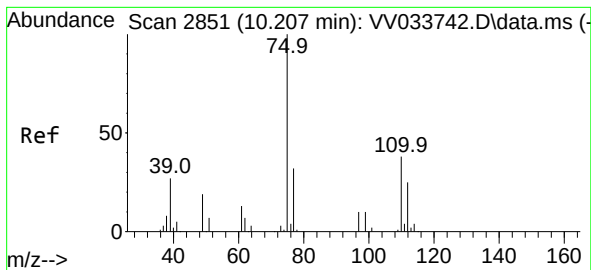
Tgt Ion: 75 Resp: 2964

Ion Ratio Lower Upper

75 100

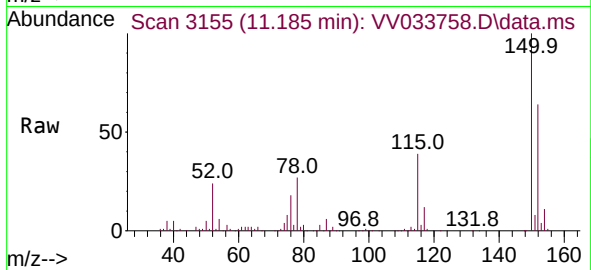
77 45.5 22.0 41.0#





#61
1,2,3-Trichloropropane
Concen: 7.043 ug/L
RT: 11.185 min Scan# 31
Delta R.T. 0.977 min
Lab File: VV033758.D
Acq: 19 Jan 2024 16:49

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 13649
Ion Ratio Lower Upper
75 100
77 34.1 25.3 37.9
110 2.6 29.5 44.3#

