

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031524\
 Data File : VV034656.D
 Acq On : 15 Mar 2024 16:18
 Operator : SY/MD
 Sample : P1766-01
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 15 23:35:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 15 23:30:32 2024
 Response via : Initial Calibration

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

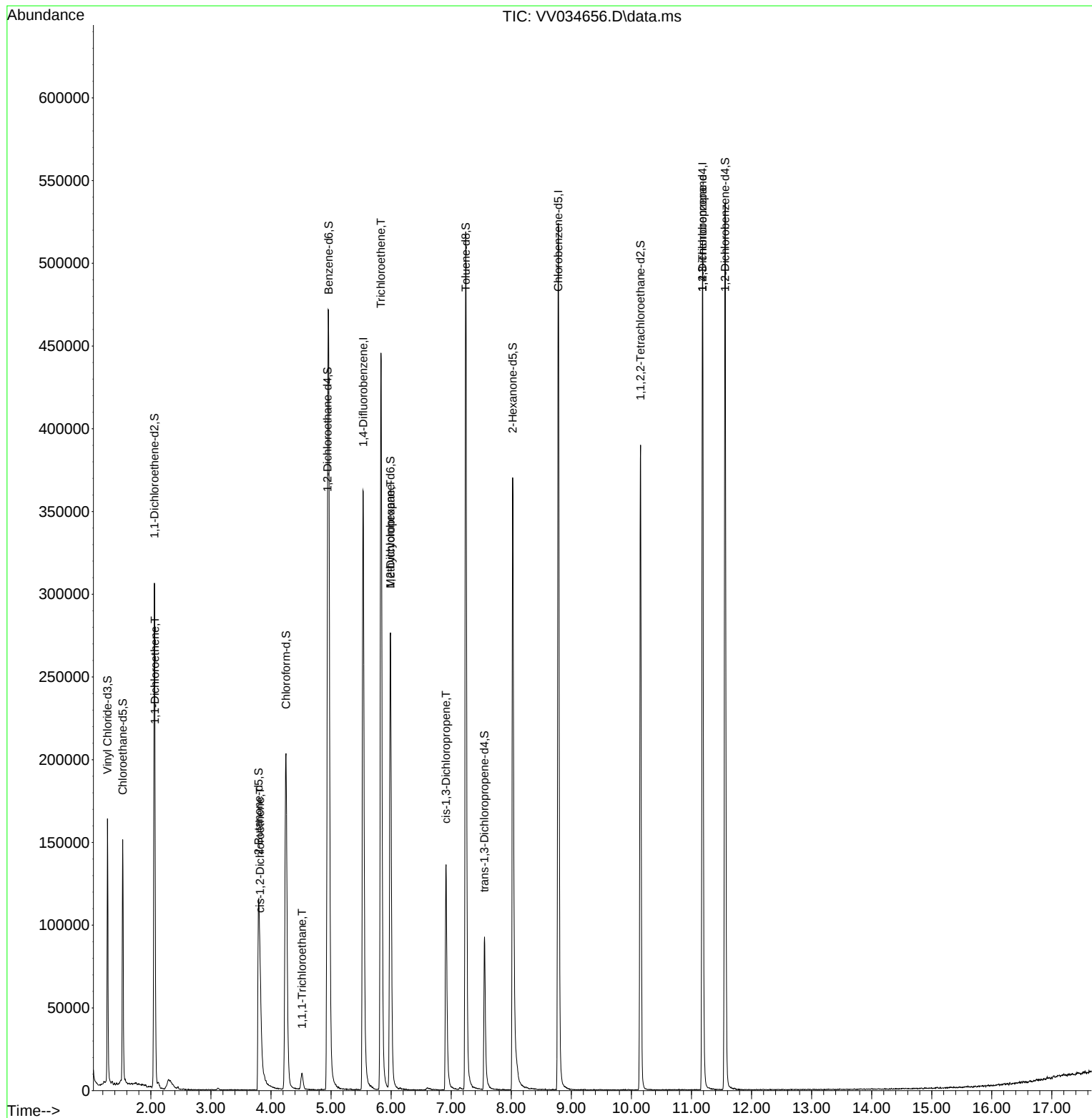
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	316524	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	281287	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	130543	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	97005	35.353	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.700%
7) Chloroethane-d5	1.532	69	88826	41.552	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.100%
11) 1,1-Dichloroethene-d2	2.060	65	47321	38.133	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.260%
21) 2-Butanone-d5	3.793	46	185354	101.012	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.010%
24) Chloroform-d	4.249	84	218397	45.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.040%
26) 1,2-Dichloroethane-d4	4.941	65	149598	47.186	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
32) Benzene-d6	4.960	84	409886	48.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.560%
36) 1,2-Dichloropropane-d6	5.989	67	133668	51.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.180%
41) Toluene-d8	7.243	98	345636	44.990	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.980%
43) trans-1,3-Dichloroprop...	7.555	79	53553	41.163	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.320%
47) 2-Hexanone-d5	8.024	63	131110	101.343	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.340%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	179455	52.635	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.280%
66) 1,2-Dichlorobenzene-d4	11.561	152	133831	50.155	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.320%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	12719	5.366	ug/L #	1
20) cis-1,2-Dichloroethene	3.818	96	15299	6.147	ug/L	91
30) 1,1,1-Trichloroethane	4.516	97	8216	2.037	ug/L	97
34) Trichloroethene	5.831	95	157929	63.633	ug/L	98
35) Methylcyclohexane	5.989	83	32625	8.647	ug/L #	18
39) cis-1,3-Dichloropropene	6.911	75	4054	1.095	ug/L #	83
61) 1,2,3-Trichloropropane	11.185	75	16427	6.592	ug/L #	64

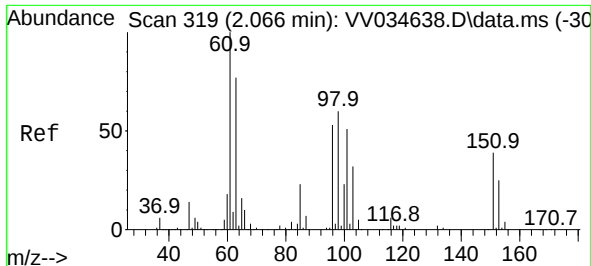
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Mar 15 23:30:32 2024
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 5.366 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034656.D

Acq: 15 Mar 2024 16:18

Instrument :

MSVOA_V

ClientSampleId :

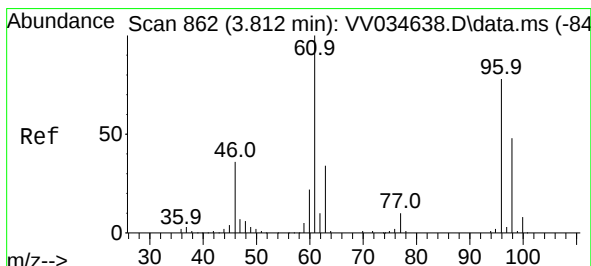
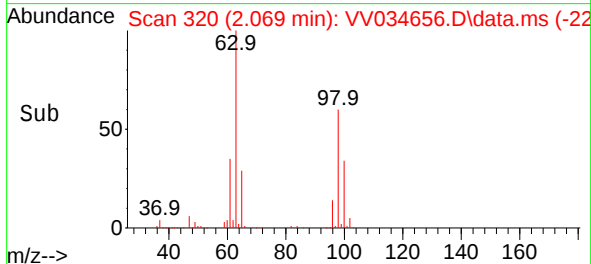
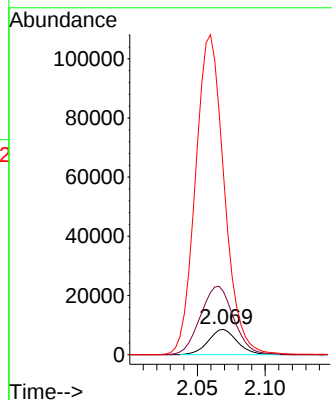
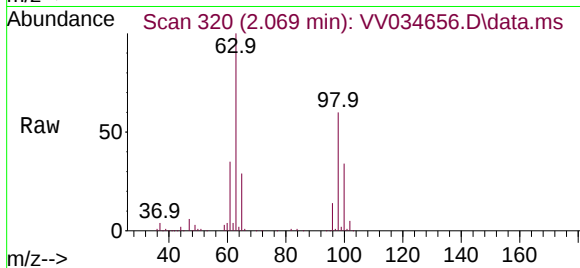
Tgt Ion: 96 Resp: 12719

Ion Ratio Lower Upper

96 100

61 248.3 128.9 239.3#

63 709.1 98.0 182.0#



#20

cis-1,2-Dichloroethene

Concen: 6.147 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.007 min

Lab File: VV034656.D

Acq: 15 Mar 2024 16:18

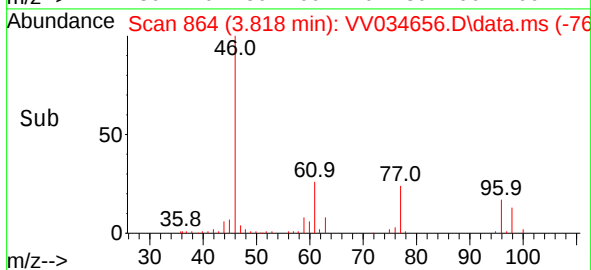
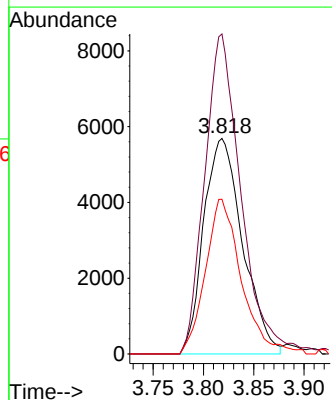
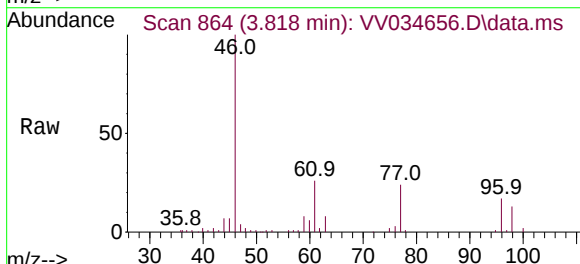
Tgt Ion: 96 Resp: 15299

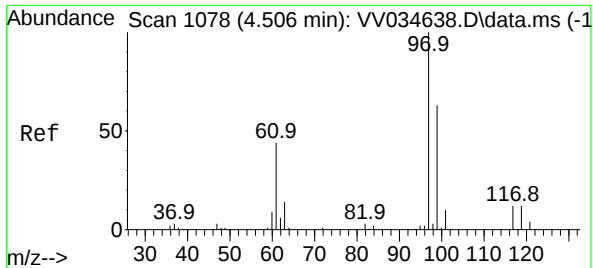
Ion Ratio Lower Upper

96 100

61 148.5 96.0 178.4

98 71.8 46.0 85.4

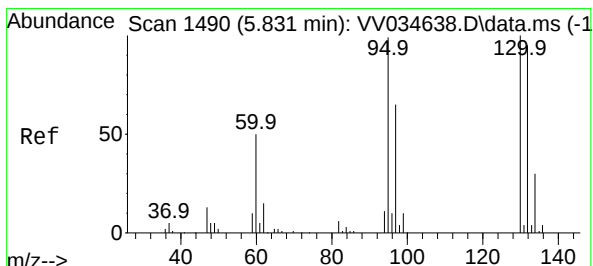
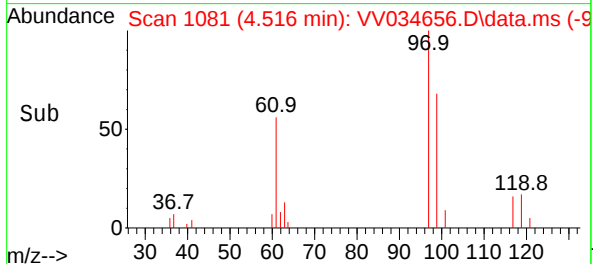
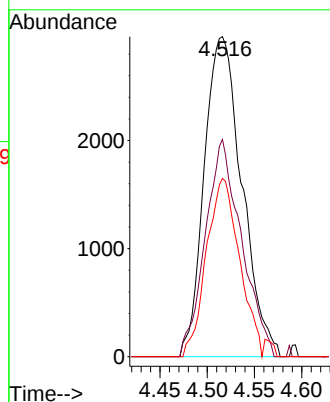
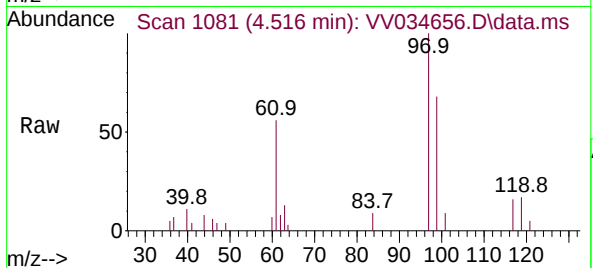




#30
1,1,1-Trichloroethane
Concen: 2.037 ug/L
RT: 4.516 min Scan# 1078
Delta R.T. 0.010 min
Lab File: VV034656.D
Acq: 15 Mar 2024 16:18

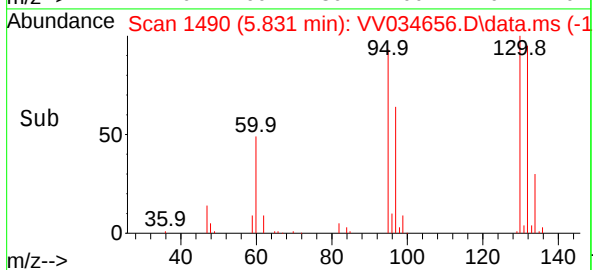
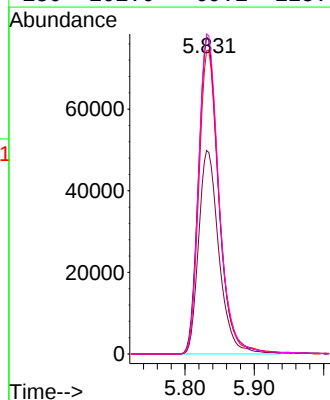
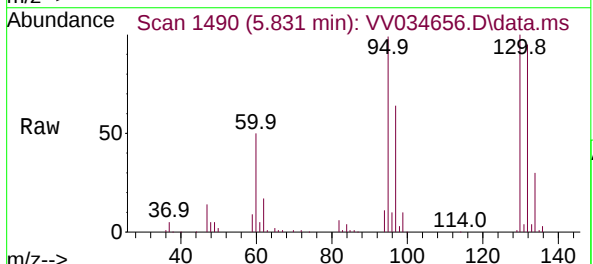
Instrument :
MSVOA_V
ClientSampleId :

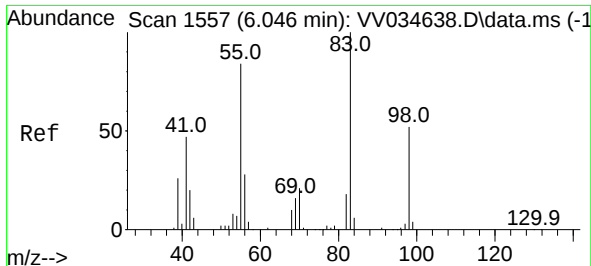
Tgt Ion: 97 Resp: 8216
Ion Ratio Lower Upper
97 100
99 65.0 51.3 76.9
61 48.8 36.0 54.0



#34
Trichloroethene
Concen: 63.633 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034656.D
Acq: 15 Mar 2024 16:18

Tgt Ion: 95 Resp: 157929
Ion Ratio Lower Upper
95 100
97 64.2 44.7 83.1
132 95.7 65.3 121.3
130 101.0 69.1 128.3





#35

Methylcyclohexane

Concen: 8.647 ug/L

RT: 5.989 min Scan# 1

Delta R.T. -0.058 min

Lab File: VV034656.D

Acq: 15 Mar 2024 16:18

Instrument :

MSVOA_V

ClientSampleId :

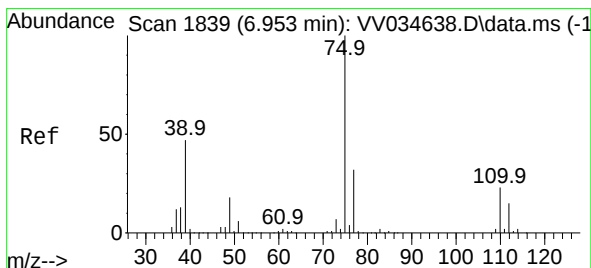
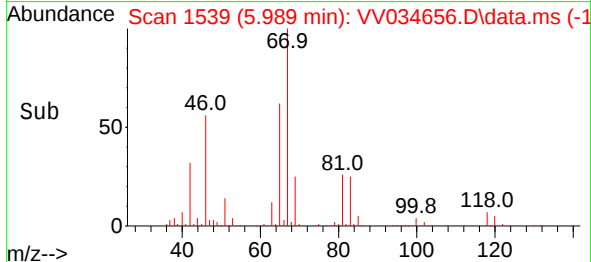
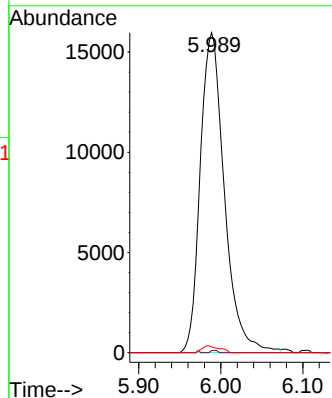
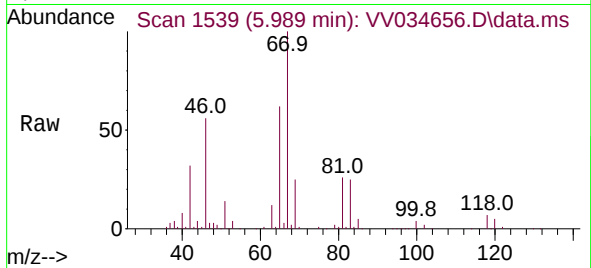
Tgt Ion: 83 Resp: 32625

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

98 1.6 39.5 59.3#



#39

cis-1,3-Dichloropropene

Concen: 1.095 ug/L

RT: 6.911 min Scan# 1826

Delta R.T. -0.042 min

Lab File: VV034656.D

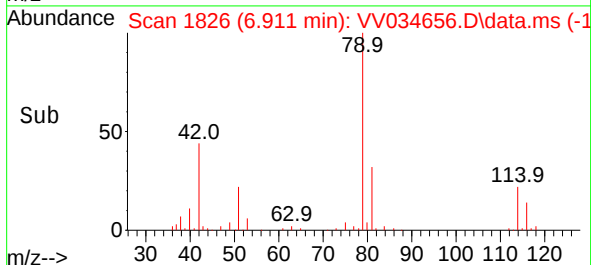
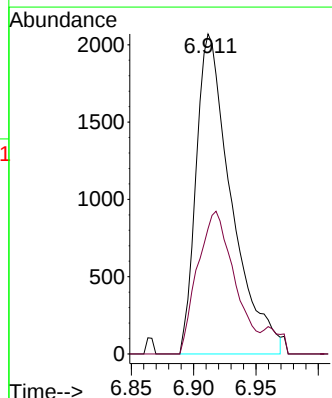
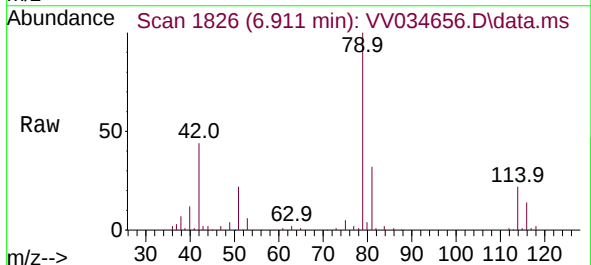
Acq: 15 Mar 2024 16:18

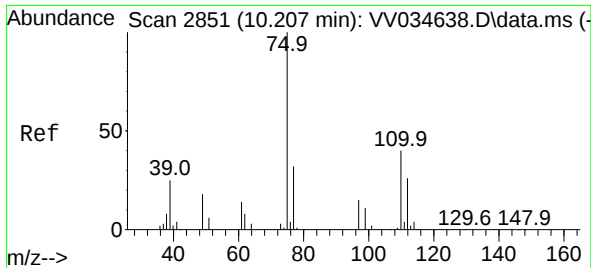
Tgt Ion: 75 Resp: 4054

Ion Ratio Lower Upper

75 100

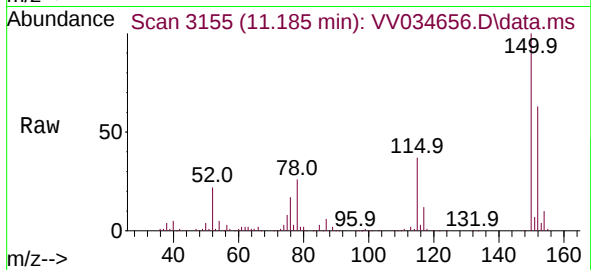
77 39.1 20.9 38.9#





#61
 1,2,3-Trichloropropane
 Concen: 6.592 ug/L
 RT: 11.185 min Scan# 3155
 Delta R.T. 0.978 min
 Lab File: VV034656.D
 Acq: 15 Mar 2024 16:18

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 16427
 Ion Ratio Lower Upper
 75 100
 77 34.5 25.9 38.9
 110 3.1 33.1 49.7#

