

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100423\
 Data File : VV032231.D
 Acq On : 04 Oct 2023 15:53
 Operator : SY/MD
 Sample : 04741-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 05 01:42:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 05 01:37:52 2023
 Response via : Initial Calibration

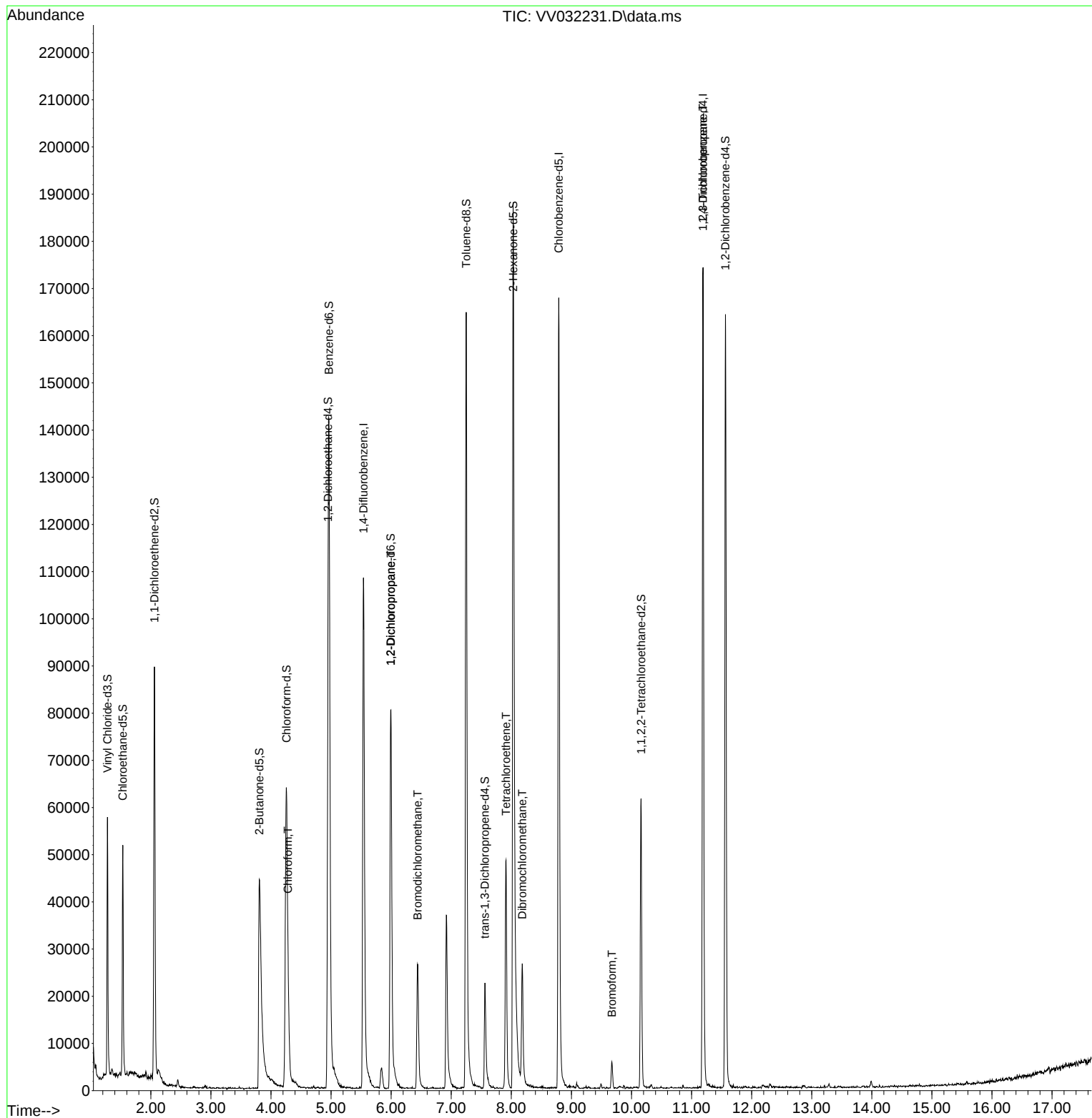
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	101484	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	97574	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	46237	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	35677	4.323	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.400%
7) Chloroethane-d5	1.532	69	30775	4.593	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.800%
11) 1,1-Dichloroethene-d2	2.060	65	14949	4.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.800%
20) 2-Butanone-d5	3.806	46	96209	46.080	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.160%
24) Chloroform-d	4.256	84	65332	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	4.950	65	33184	4.812	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	4.963	84	130827	4.557	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
36) 1,2-Dichloropropane-d6	5.992	67	44862	4.716	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.249	98	115248	4.390	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.561	79	14814	4.395	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.800%
46) 2-Hexanone-d5	8.031	63	70595	44.511	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.020%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	32022	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	11.564	152	42237	4.923	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.400%
Target Compounds						
25) Chloroform	4.281	83	14859	0.944	ug/L	96
37) 1,2-Dichloropropane	5.995	63	4807	0.523	ug/L #	87
38) Bromodichloromethane	6.439	83	20147	1.846	ug/L	97
47) Tetrachloroethene	7.912	164	11218	1.577	ug/L	97
49) Dibromochloromethane	8.182	129	13826	2.049	ug/L	95
59) Bromoform	9.674	173	2501	0.744	ug/L #	97
61) 1,2,3-Trichloropropane	11.188	75	5846	1.188	ug/L #	68

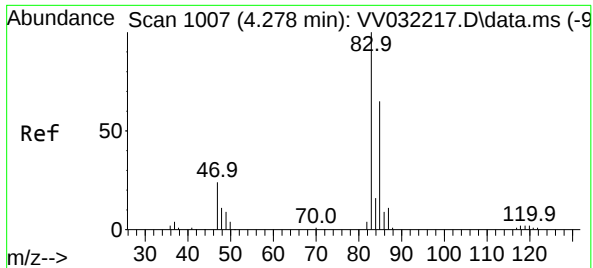
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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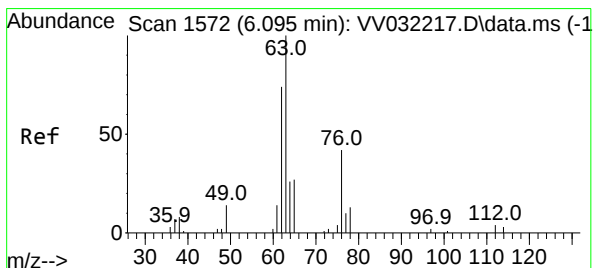
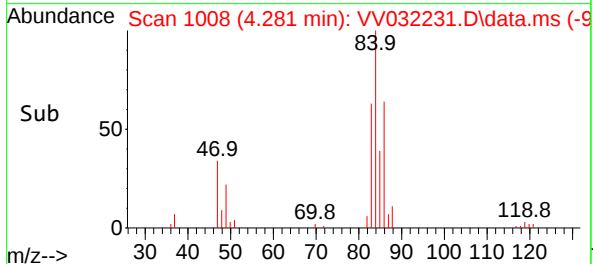
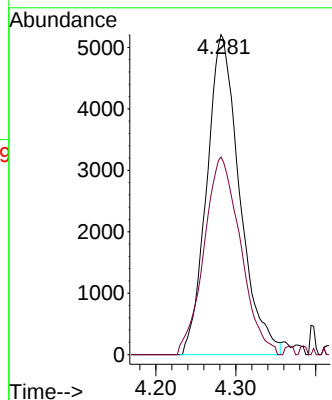
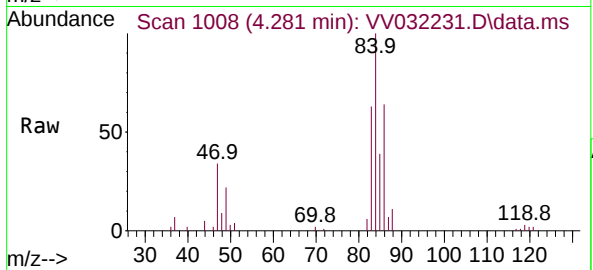




#25
Chloroform
Concen: 0.944 ug/L
RT: 4.281 min Scan# 10
Delta R.T. 0.003 min
Lab File: VV032231.D
Acq: 04 Oct 2023 15:53

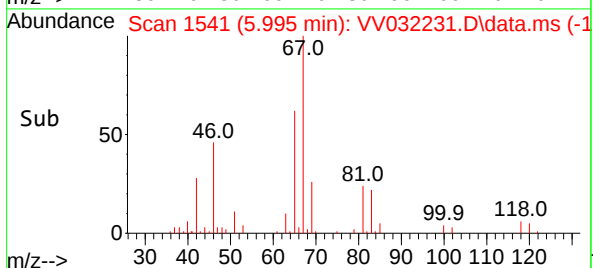
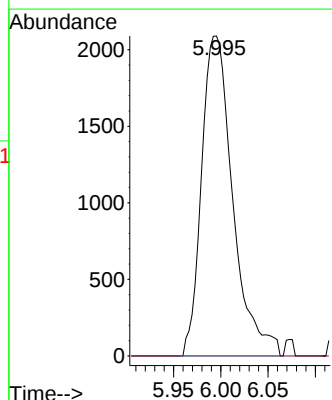
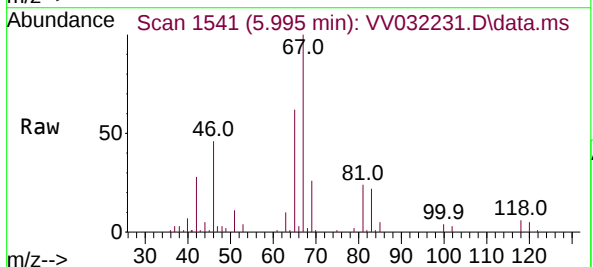
Instrument :
MSVOA_V
ClientSampleId :

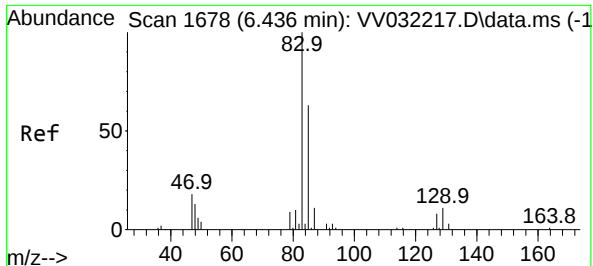
Tgt Ion: 83 Resp: 14859
Ion Ratio Lower Upper
83 100
85 61.7 45.4 84.4



#37
1,2-Dichloropropane
Concen: 0.523 ug/L
RT: 5.995 min Scan# 1541
Delta R.T. -0.100 min
Lab File: VV032231.D
Acq: 04 Oct 2023 15:53

Tgt Ion: 63 Resp: 4807
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#





#38

Bromodichloromethane

Concen: 1.846 ug/L

RT: 6.439 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV032231.D

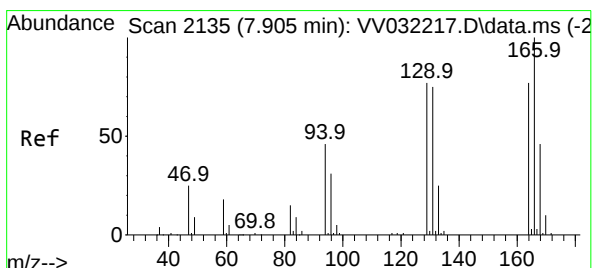
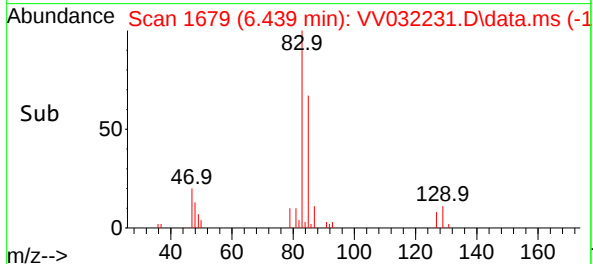
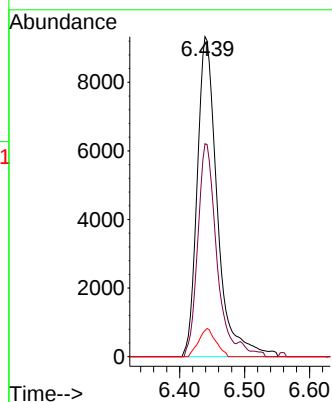
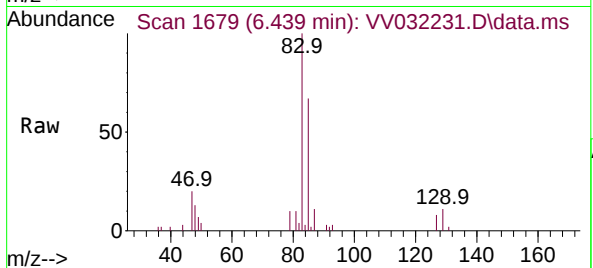
Acq: 04 Oct 2023 15:53

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 20147
Ion Ratio	Lower Upper
83	100
85	66.5 44.9 83.3
127	8.2 6.9 10.3



#47

Tetrachloroethene

Concen: 1.577 ug/L

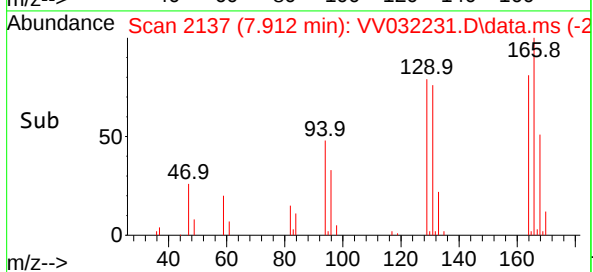
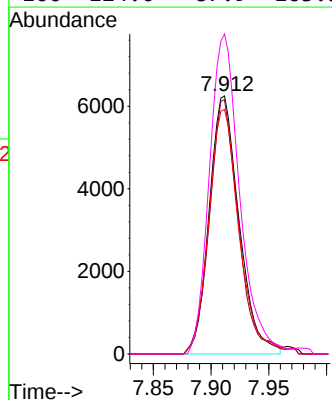
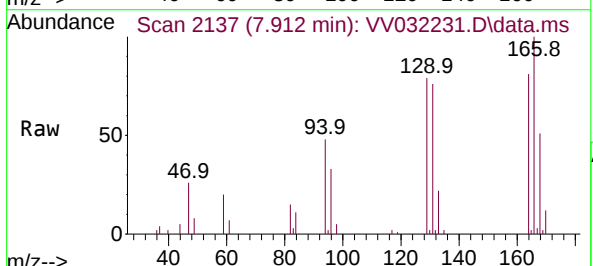
RT: 7.912 min Scan# 2137

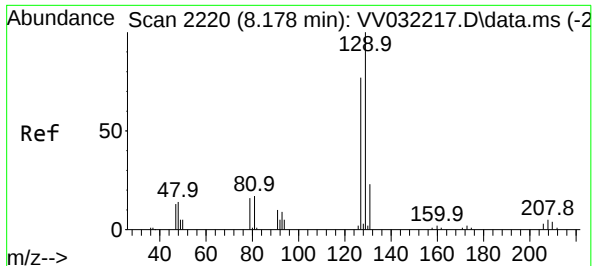
Delta R.T. 0.006 min

Lab File: VV032231.D

Acq: 04 Oct 2023 15:53

Tgt Ion: 164	Resp: 11218
Ion Ratio	Lower Upper
164	100
129	98.5 66.4 123.4
131	94.7 63.7 118.3
166	124.0 87.9 163.3





#49

Dibromochloromethane

Concen: 2.049 ug/L

RT: 8.182 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV032231.D

Acq: 04 Oct 2023 15:53

Instrument :

MSVOA_V

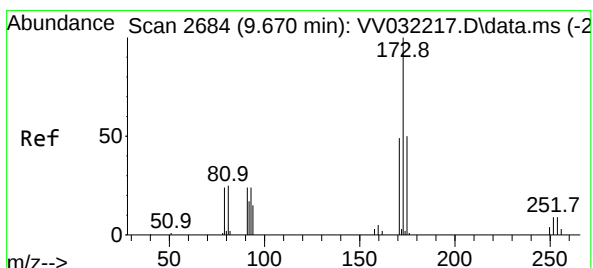
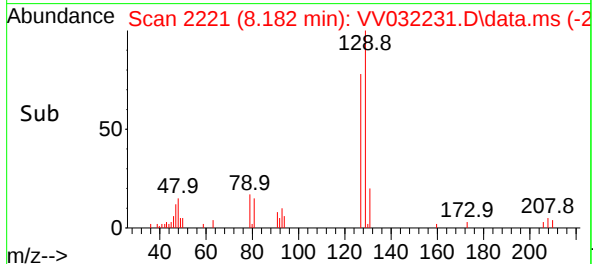
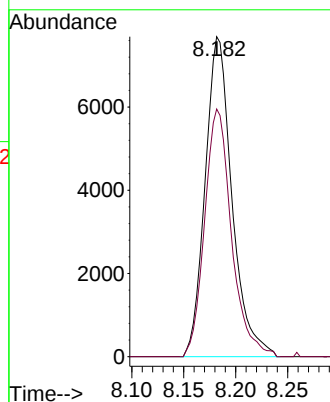
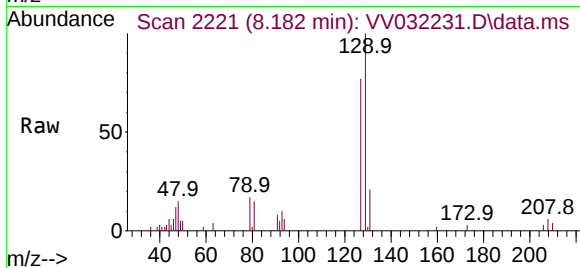
ClientSampleId :

Tgt Ion:129 Resp: 13826

Ion Ratio Lower Upper

129 100

127 77.4 57.2 106.2



#59

Bromoform

Concen: 0.744 ug/L

RT: 9.674 min Scan# 2685

Delta R.T. 0.003 min

Lab File: VV032231.D

Acq: 04 Oct 2023 15:53

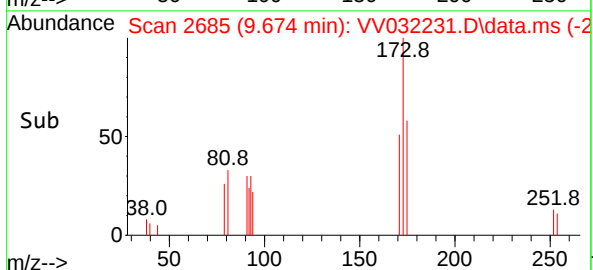
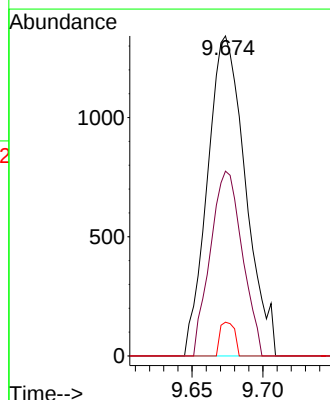
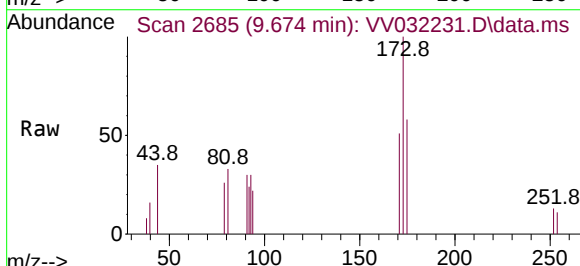
Tgt Ion:173 Resp: 2501

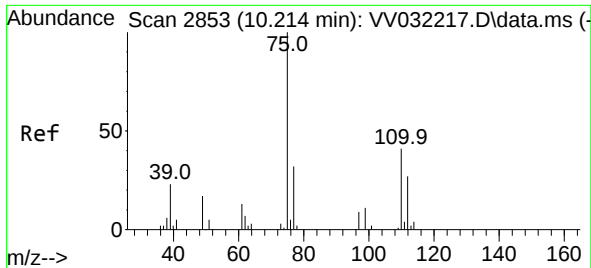
Ion Ratio Lower Upper

173 100

175 48.5 38.2 57.2

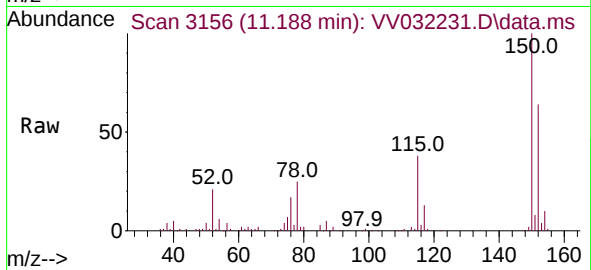
254 4.0 7.0 10.4#





#61
1,2,3-Trichloropropane
Concen: 1.188 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.974 min
Lab File: VV032231.D
Acq: 04 Oct 2023 15:53

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 75 Resp: 5846
Ion Ratio Lower Upper
75 100
77 31.6 26.2 39.2
110 3.1 30.6 46.0#

