

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120624\
 Data File : VV038423.D
 Acq On : 05 Dec 2024 18:04
 Operator : SY/MD
 Sample : P5116-02
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Dec 06 05:40:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 06 05:39:27 2024
 Response via : Initial Calibration

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

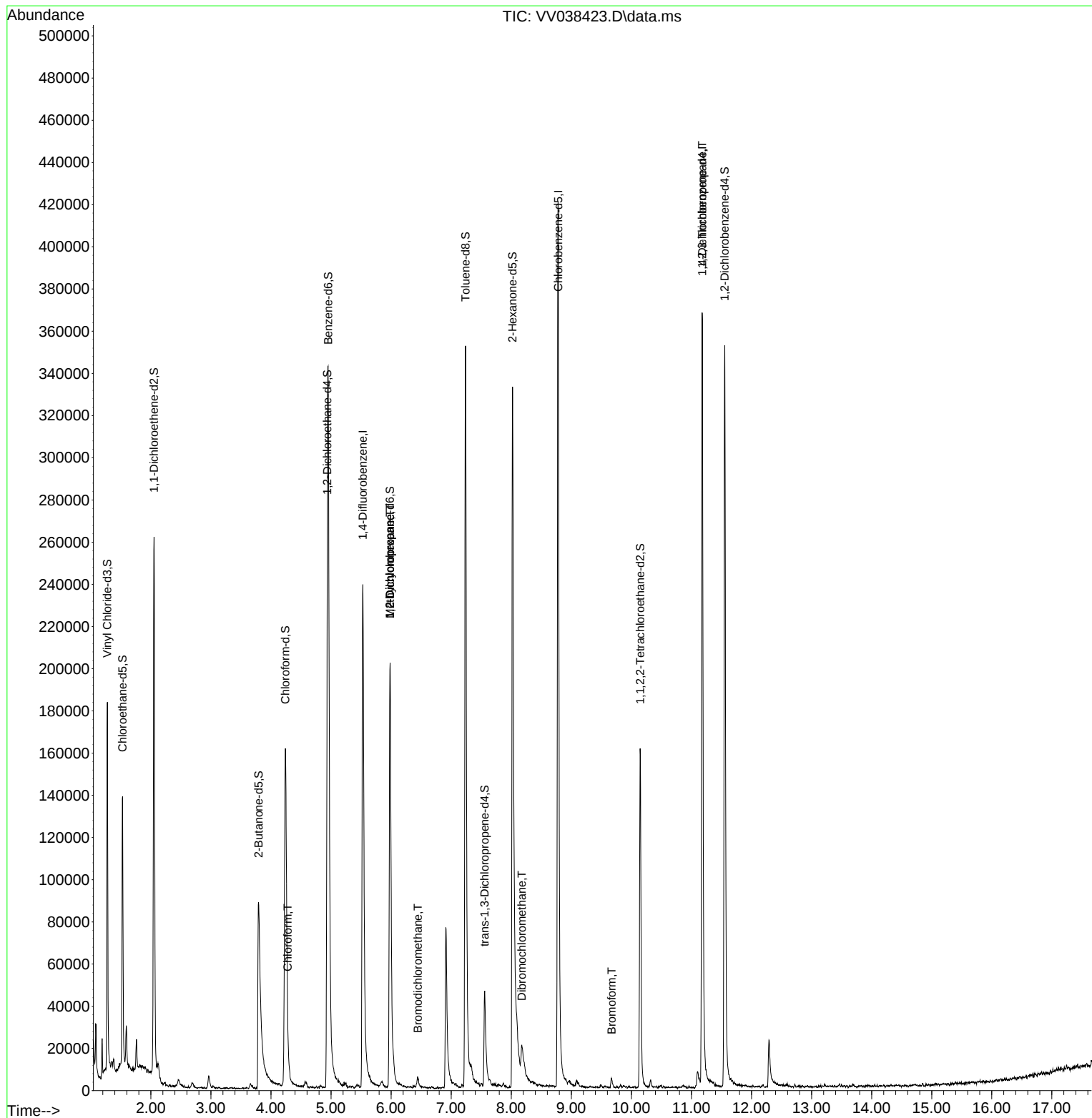
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	228903	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	251290	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	100684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	96727	5.513	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.200%
7) Chloroethane-d5	1.529	69	83836	5.907	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.200%
11) 1,1-Dichloroethene-d2	2.053	65	42828	5.672	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.400%
20) 2-Butanone-d5	3.793	46	168133	47.904	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.800%
24) Chloroform-d	4.240	84	178236	5.234	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	4.937	65	86977	5.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
32) Benzene-d6	4.953	84	326936	5.034	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
36) 1,2-Dichloropropane-d6	5.982	67	107691	5.389	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.800%
41) Toluene-d8	7.240	98	255666	4.254	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.000%
43) trans-1,3-Dichloroprop...	7.558	79	32007	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.021	63	122515	42.418	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.840%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82978	4.891	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.800%
66) 1,2-Dichlorobenzene-d4	11.554	152	97971	5.711	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.200%
Target Compounds						
					Qvalue	
25) Chloroform	4.278	83	5753	0.172	ug/L	96
35) Methylcyclohexane	5.982	83	24294	0.892	ug/L #	19
37) 1,2-Dichloropropane	5.982	63	11555	0.654	ug/L #	86
38) Bromodichloromethane	6.445	83	4243	0.179	ug/L	96
49) Dibromochloromethane	8.175	129	7090	0.454	ug/L	99
59) Bromoform	9.670	173	2312	0.395	ug/L #	96
61) 1,2,3-Trichloropropane	11.178	75	12543	1.455	ug/L #	66

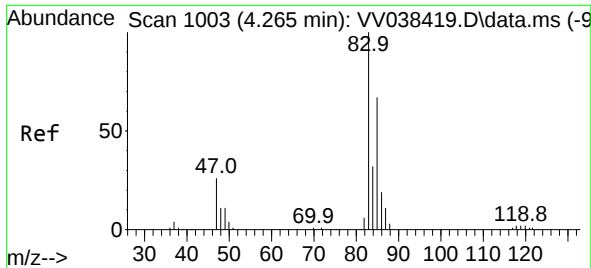
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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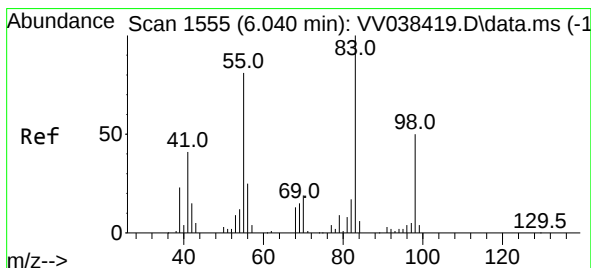
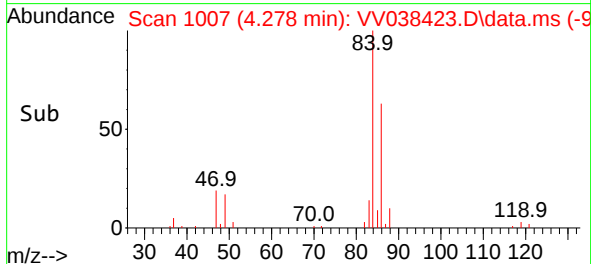
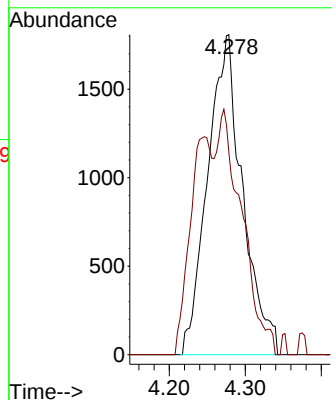
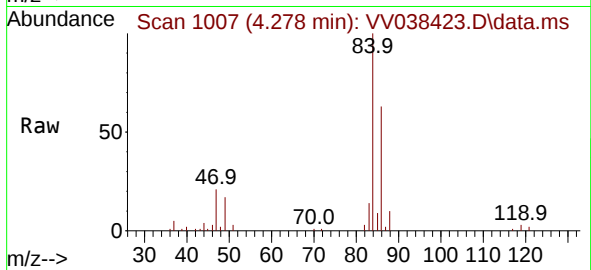




#25
Chloroform
Concen: 0.172 ug/L
RT: 4.278 min Scan# 10
Delta R.T. 0.013 min
Lab File: VV038423.D
Acq: 05 Dec 2024 18:04

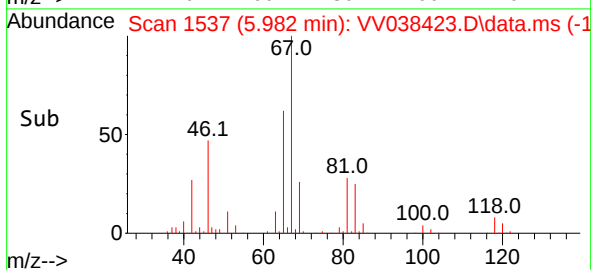
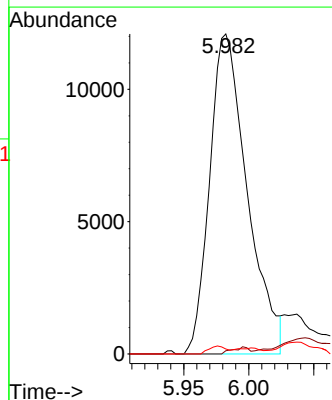
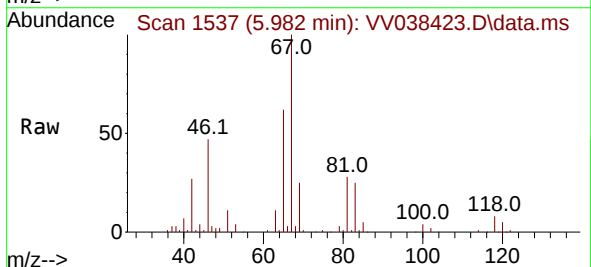
Instrument :
MSVOA_V
ClientSampleId :

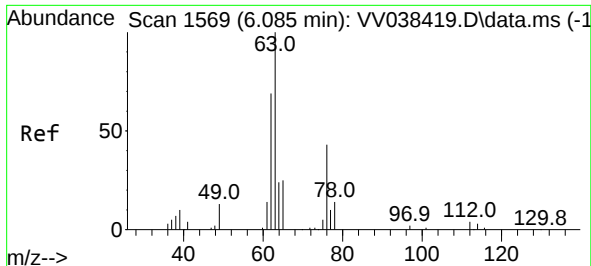
Tgt Ion: 83 Resp: 5753
Ion Ratio Lower Upper
83 100
85 63.3 46.5 86.3



#35
Methylcyclohexane
Concen: 0.892 ug/L
RT: 5.982 min Scan# 1537
Delta R.T. -0.058 min
Lab File: VV038423.D
Acq: 05 Dec 2024 18:04

Tgt Ion: 83 Resp: 24294
Ion Ratio Lower Upper
83 100
55 0.0 59.7 89.5#
98 1.2 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.654 ug/L

RT: 5.982 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV038423.D

Acq: 05 Dec 2024 18:04

Instrument :

MSVOA_V

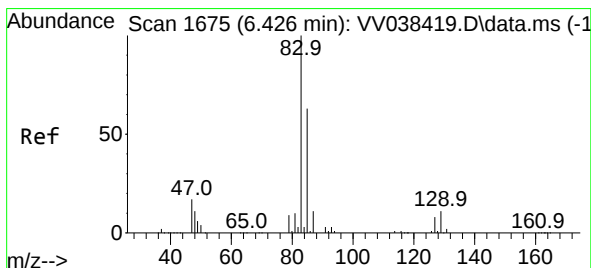
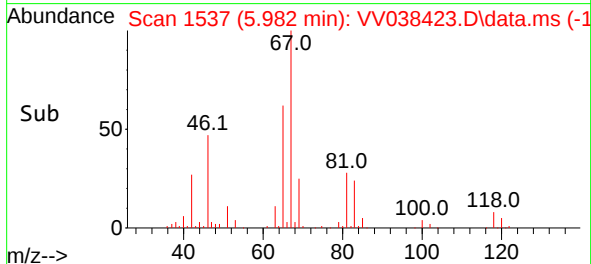
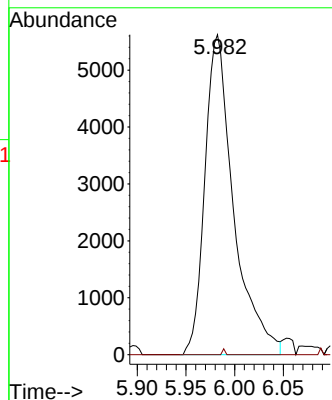
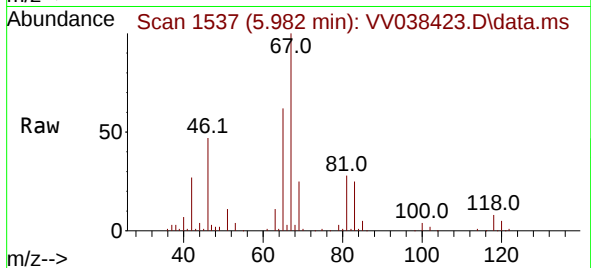
ClientSampleId :

Tgt Ion: 63 Resp: 11555

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#38

Bromodichloromethane

Concen: 0.179 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.019 min

Lab File: VV038423.D

Acq: 05 Dec 2024 18:04

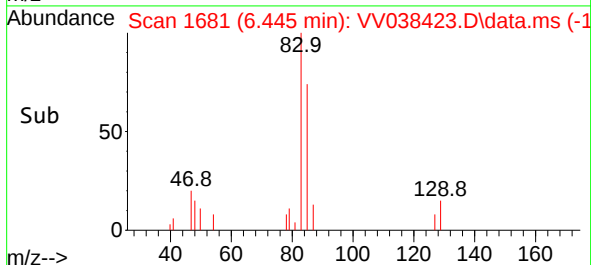
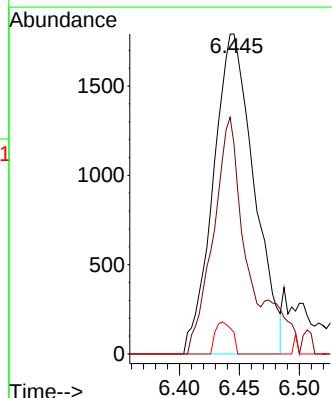
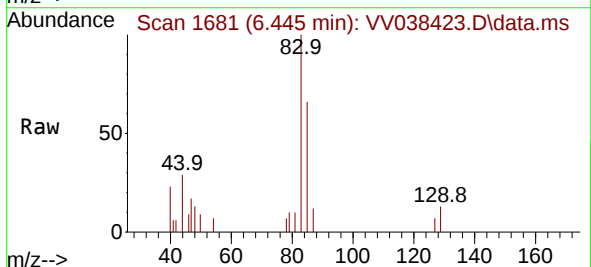
Tgt Ion: 83 Resp: 4243

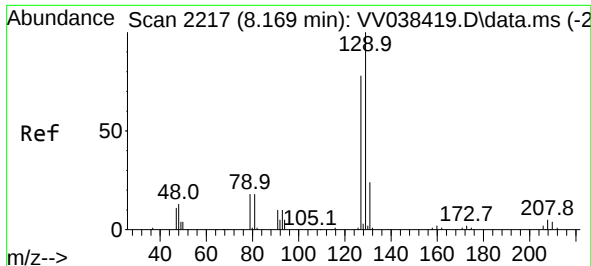
Ion Ratio Lower Upper

83 100

85 65.6 43.9 81.5

127 6.8 6.7 10.1





#49

Dibromochloromethane

Concen: 0.454 ug/L

RT: 8.175 min Scan# 21

Delta R.T. 0.007 min

Lab File: VV038423.D

Acq: 05 Dec 2024 18:04

Instrument :

MSVOA_V

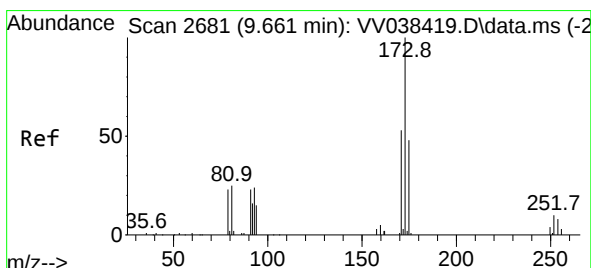
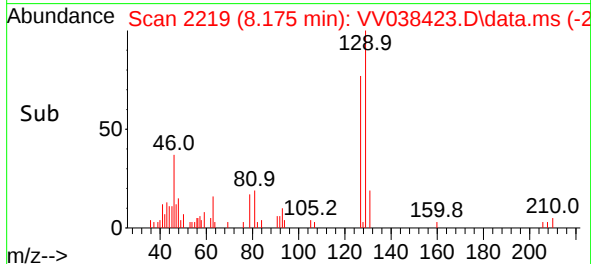
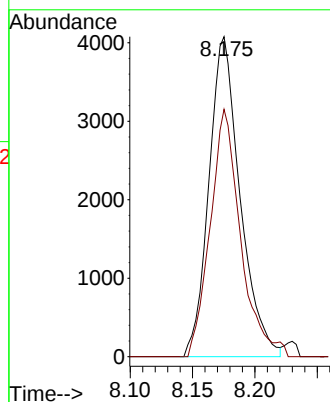
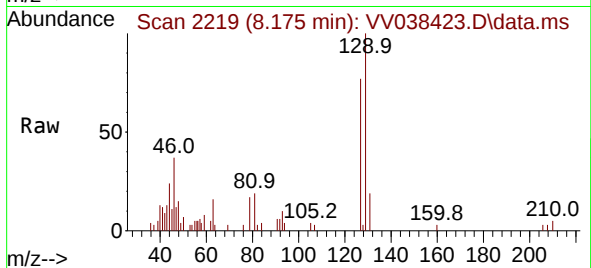
ClientSampleId :

Tgt Ion:129 Resp: 7090

Ion Ratio Lower Upper

129 100

127 77.3 53.5 99.3



#59

Bromoform

Concen: 0.395 ug/L

RT: 9.670 min Scan# 2684

Delta R.T. 0.010 min

Lab File: VV038423.D

Acq: 05 Dec 2024 18:04

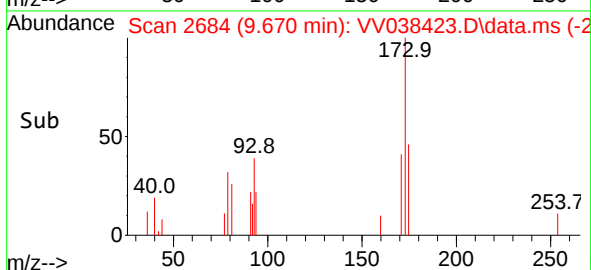
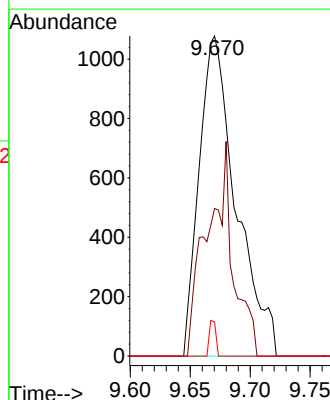
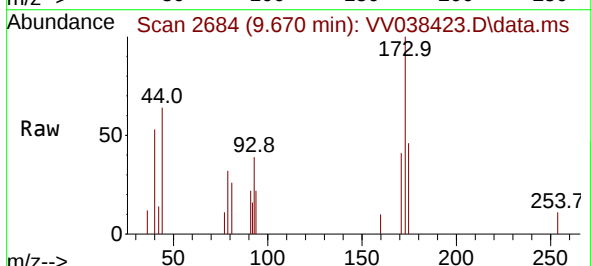
Tgt Ion:173 Resp: 2312

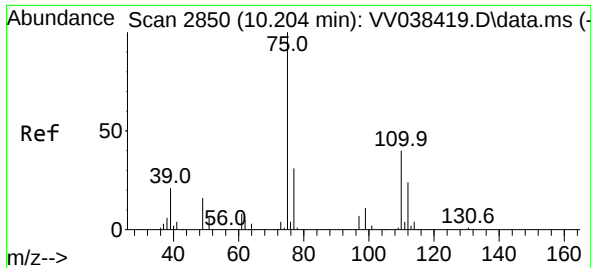
Ion Ratio Lower Upper

173 100

175 46.9 38.5 57.7

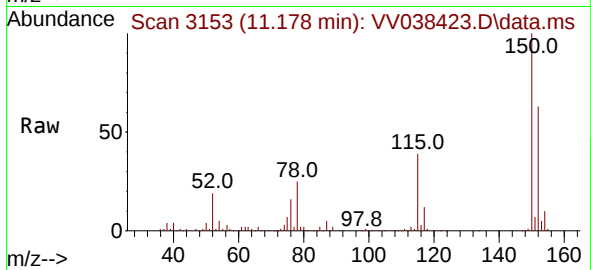
254 1.9 6.9 10.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.455 ug/L
 RT: 11.178 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV038423.D
 Acq: 05 Dec 2024 18:04

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75	Resp:	12543
Ion Ratio	Lower	Upper
75	100	
77	35.6	26.4 39.6
110	4.0	32.3 48.5#

