

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011323\
 Data File : VW029850.D
 Acq On : 14 Jan 2023 11:40
 Operator : SY/MD
 Sample : 01149-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COL51

Quant Time: Jan 16 00:39:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 22:05:54 2023
 Response via : Initial Calibration

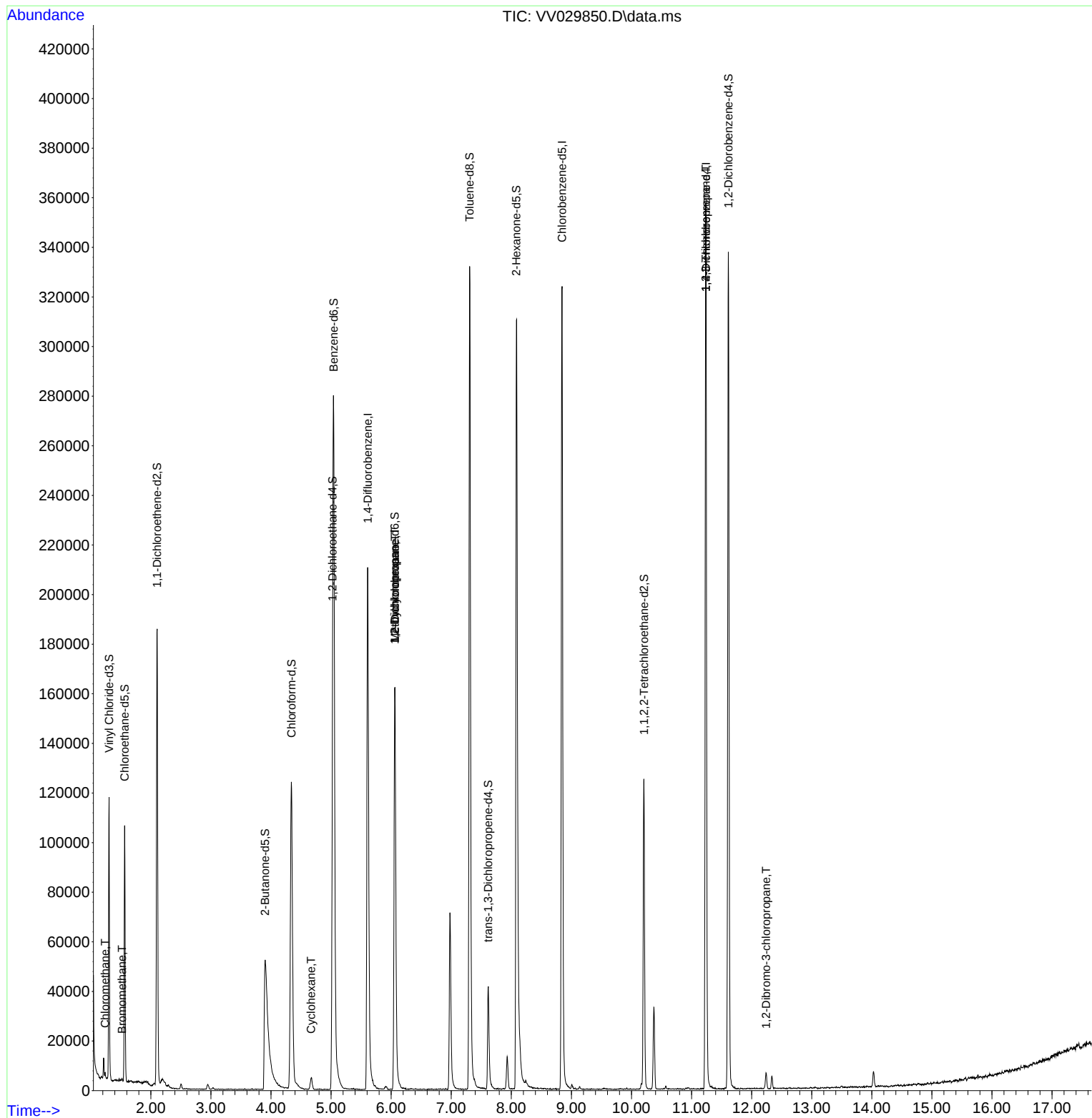
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	199013	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	197603	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	101871	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	69348	4.594	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.565	69	64005	5.115	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.400%	
11) 1,1-Dichloroethene-d2	2.102	63	94537	3.435	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	68.800%	
20) 2-Butanone-d5	3.902	46	140315	52.445	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	104.900%	
24) Chloroform-d	4.339	84	140523	5.075	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.400%	
26) 1,2-Dichloroethane-d4	5.024	65	62205	5.305	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.044	84	284020	4.845	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.060	67	87886	5.123	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.400%	
41) Toluene-d8	7.307	98	241431	4.449	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.000%	
43) trans-1,3-Dichloroprop...	7.616	79	26617	4.248	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	85.000%	
46) 2-Hexanone-d5	8.085	63	126907	49.755	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.520%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	64681	5.145	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.612	152	92990	5.021	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.400%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.240	50	1404	0.072	ug/L	89
6) Bromomethane	1.520	94	422	0.045	ug/L	90
30) Cyclohexane	4.667	56	2756	0.113	ug/L	97
35) Methylcyclohexane	6.063	83	20970	0.750	ug/L #	20
37) 1,2-Dichloropropane	6.063	63	8833	0.577	ug/L #	85
61) 1,2,3-Trichloropropane	11.236	75	11416	1.513	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.239	75	260	0.146	ug/L #	1

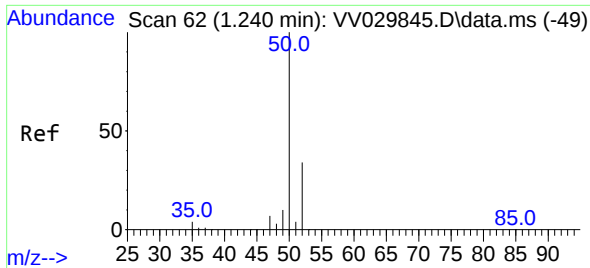
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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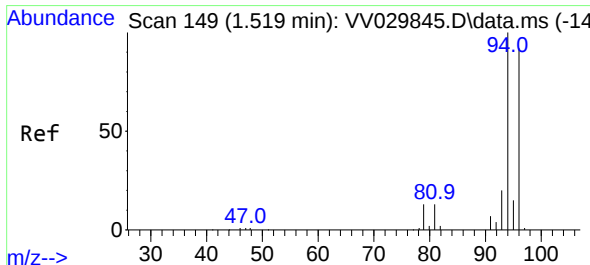
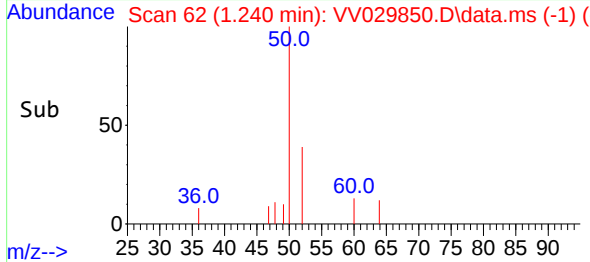
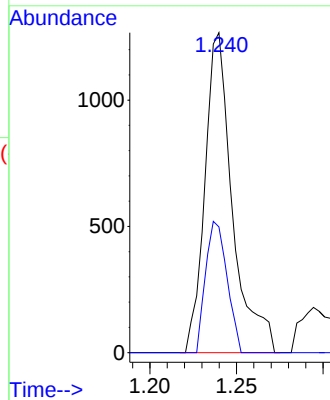
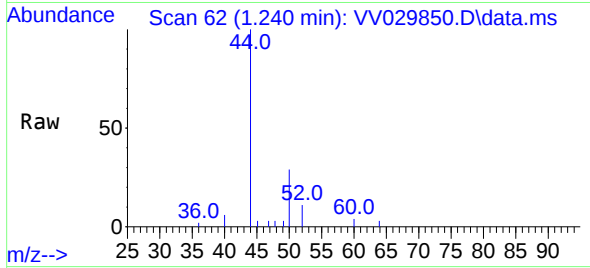




#3
Chloromethane
Concen: 0.072 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV029850.D
Acq: 14 Jan 2023 11:40

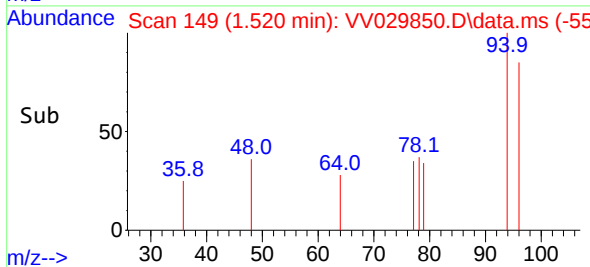
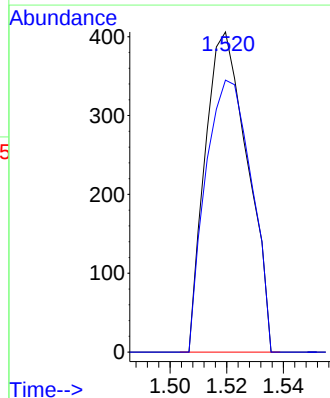
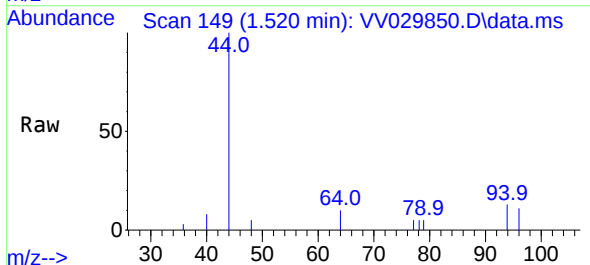
Instrument :
MSVOA_V
ClientSampleId :
COL51

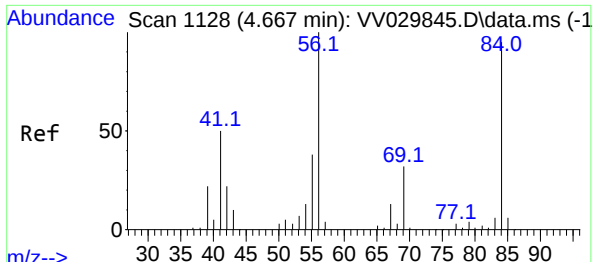
Tgt Ion: 50 Resp: 1404
Ion Ratio Lower Upper
50 100
52 39.3 23.1 42.9



#6
Bromomethane
Concen: 0.045 ug/L
RT: 1.520 min Scan# 149
Delta R.T. 0.003 min
Lab File: VV029850.D
Acq: 14 Jan 2023 11:40

Tgt Ion: 94 Resp: 422
Ion Ratio Lower Upper
94 100
96 85.0 65.9 122.5





#30

Cyclohexane

Concen: 0.113 ug/L

RT: 4.667 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VV029850.D

Acq: 14 Jan 2023 11:40

Instrument :

MSVOA_V

ClientSampleId :

COL51

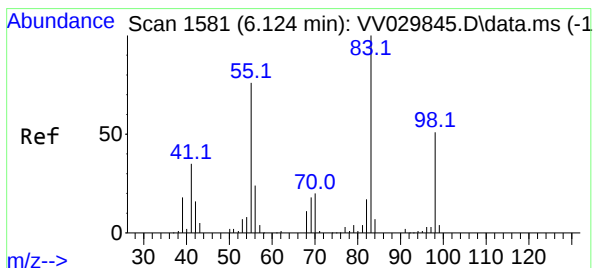
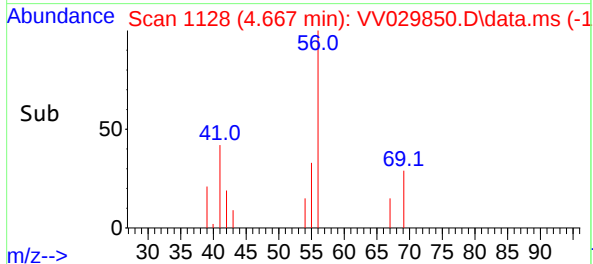
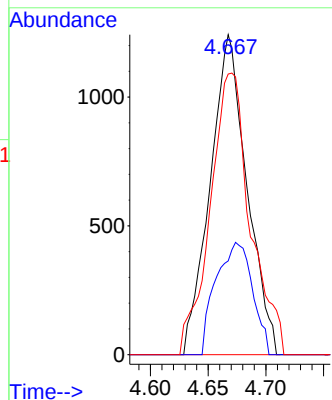
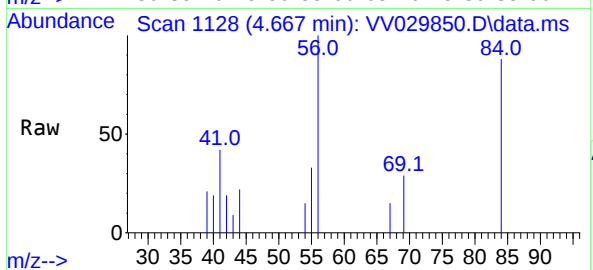
Tgt Ion: 56 Resp: 2756

Ion Ratio Lower Upper

56 100

69 34.7 26.7 40.1

84 95.5 73.8 110.8



#35

Methylcyclohexane

Concen: 0.750 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029850.D

Acq: 14 Jan 2023 11:40

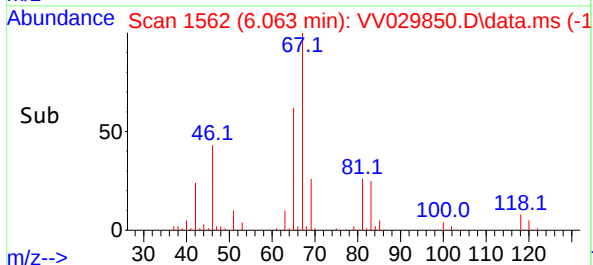
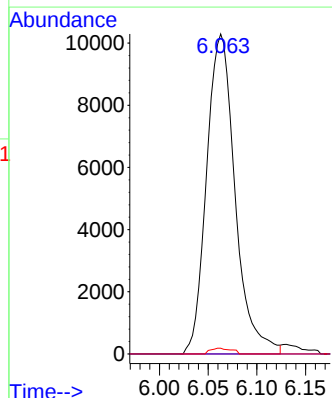
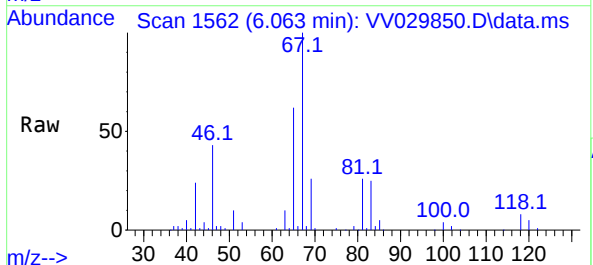
Tgt Ion: 83 Resp: 20970

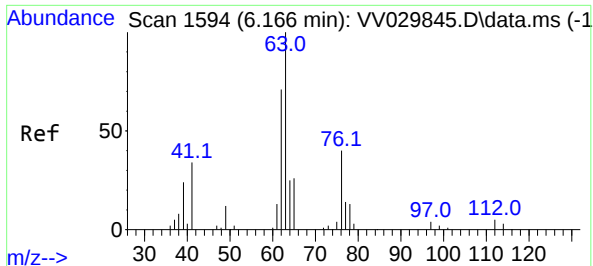
Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 1.3 39.0 58.6#

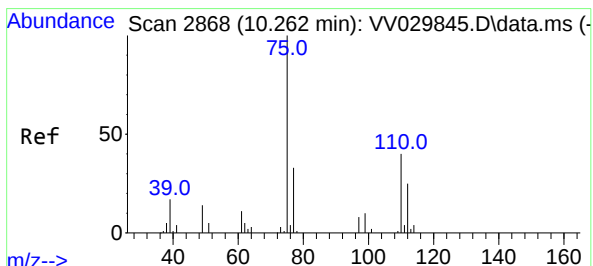
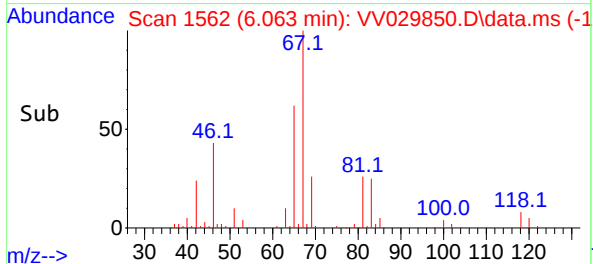
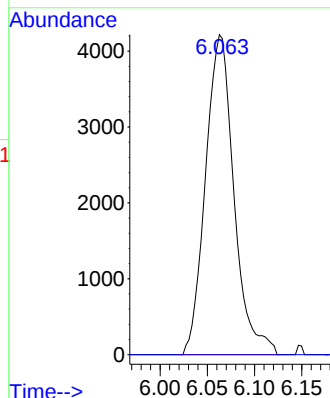
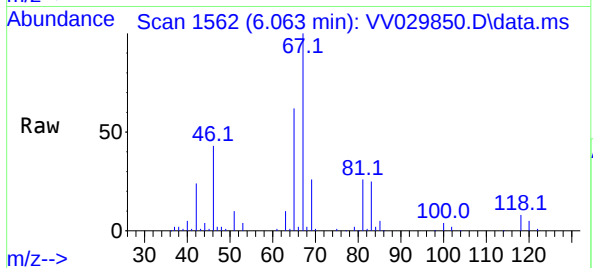




#37
1,2-Dichloropropane
Concen: 0.577 ug/L
RT: 6.063 min Scan# 11
Delta R.T. -0.100 min
Lab File: VV029850.D
Acq: 14 Jan 2023 11:40

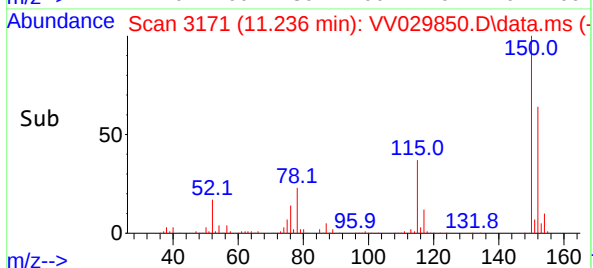
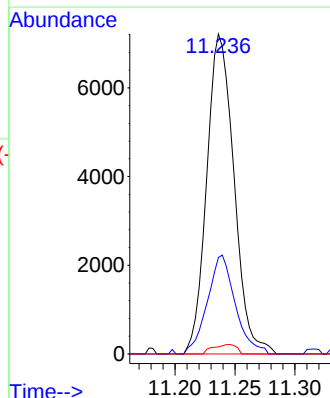
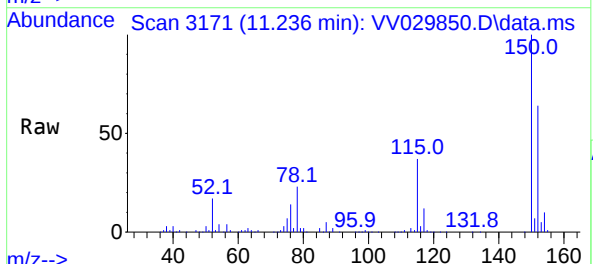
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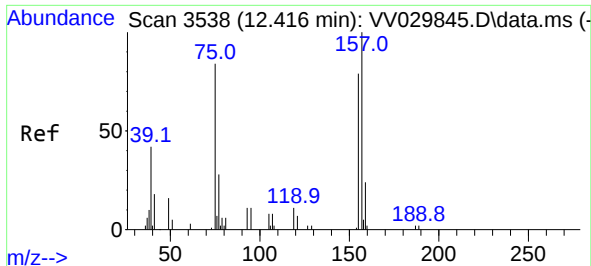
Tgt Ion: 63 Resp: 8833
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#



#61
1,2,3-Trichloropropane
Concen: 1.513 ug/L
RT: 11.236 min Scan# 3171
Delta R.T. 0.974 min
Lab File: VV029850.D
Acq: 14 Jan 2023 11:40

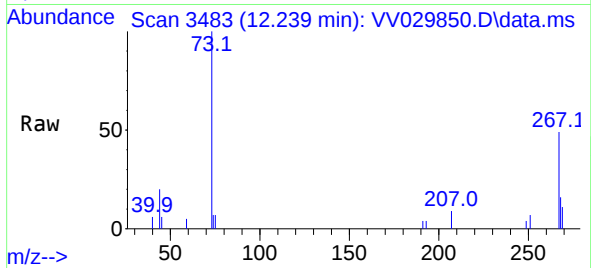
Tgt Ion: 75 Resp: 11416
Ion Ratio Lower Upper
75 100
77 31.6 26.5 39.7
110 2.5 31.8 47.8#





#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.146 ug/L
 RT: 12.239 min Scan# 34
 Delta R.T. -0.177 min
 Lab File: VV029850.D
 Acq: 14 Jan 2023 11:40

Instrument :
 MSVOA_V
 ClientSampleId :
 COL51



Tgt Ion: 75	Resp:	260
Ion Ratio	Lower	Upper
75	100	
155	0.0	75.5 113.3#
157	0.0	99.2 148.8#

