

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012423\
 Data File : VV029925.D
 Acq On : 24 Jan 2023 16:01
 Operator : SY/MD
 Sample : VV0124WBL02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK296

Quant Time: Jan 25 00:45:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 25 00:44:28 2023
 Response via : Initial Calibration

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

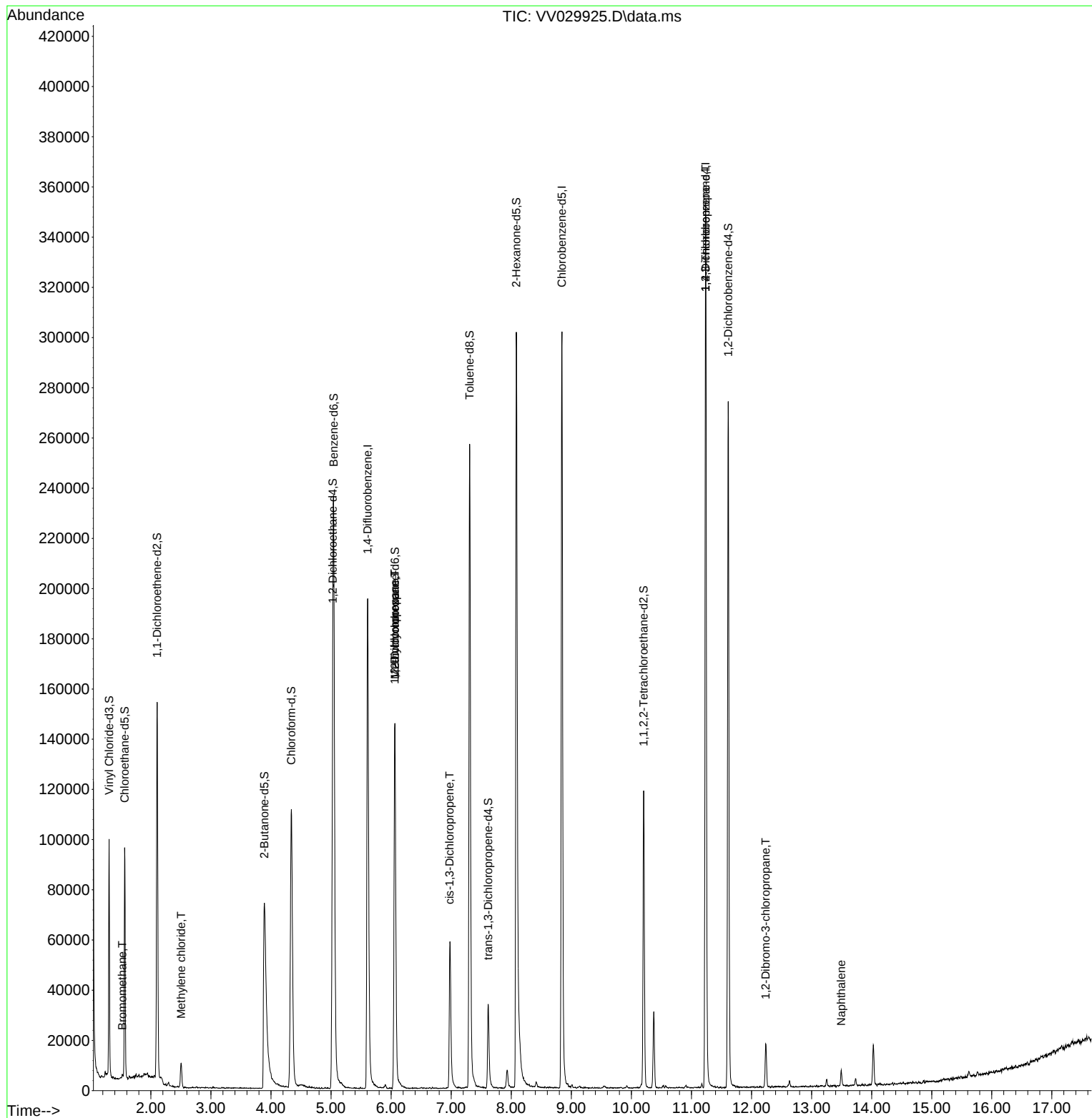
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	177990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	177437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	97005	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	57062	4.227	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.600%
7) Chloroethane-d5	1.565	69	59131	5.284	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.600%
11) 1,1-Dichloroethene-d2	2.105	63	79632	3.236	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.800%
20) 2-Butanone-d5	3.889	46	149414	62.442	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.880%
24) Chloroform-d	4.339	84	119287	4.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
26) 1,2-Dichloroethane-d4	5.027	65	52890	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.043	84	227613	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	6.063	67	76209	4.947	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.307	98	182454	3.744	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.800%
43) trans-1,3-Dichloroprop...	7.616	79	21771	3.870	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.400%
46) 2-Hexanone-d5	8.085	63	116833	51.011	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.020%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	60707	5.378	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	11.612	152	73069	4.143	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
6) Bromomethane	1.523	94	682	0.082	ug/L #	71
16) Methylene chloride	2.503	84	4053	0.215	ug/L	92
35) Methylcyclohexane	6.063	83	17427	0.694	ug/L #	20
37) 1,2-Dichloropropane	6.060	63	8265	0.602	ug/L #	85
39) cis-1,3-Dichloropropene	6.976	75	1579	0.086	ug/L #	31
61) 1,2,3-Trichloropropane	11.236	75	11467	1.596	ug/L #	64
68) 1,2-Dibromo-3-chloropr...	12.236	75	593	0.349	ug/L #	1
71) Naphthalene	13.493	128	5467	0.213	ug/L	98

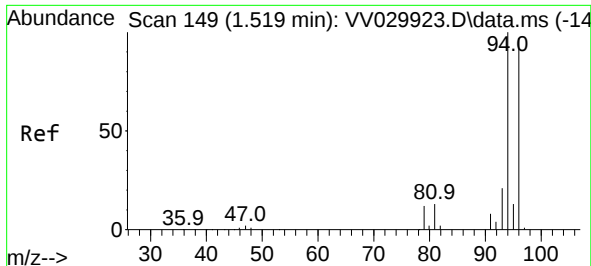
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 25 00:44:28 2023
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.082 ug/L

RT: 1.523 min Scan# 1

Delta R.T. 0.003 min

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Acq: 24 Jan 2023 16:01

Instrument :

MSVOA_V

ClientSampleId :

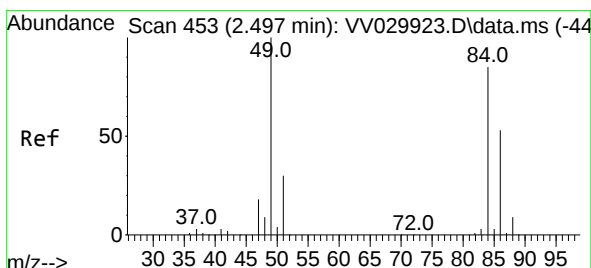
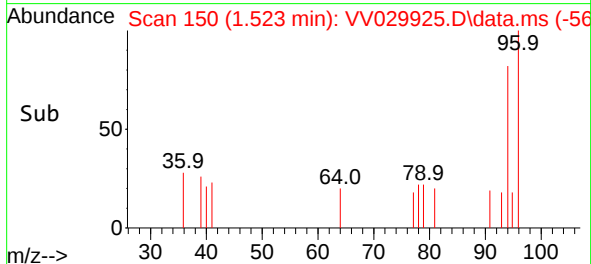
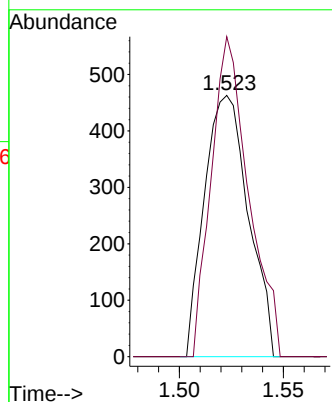
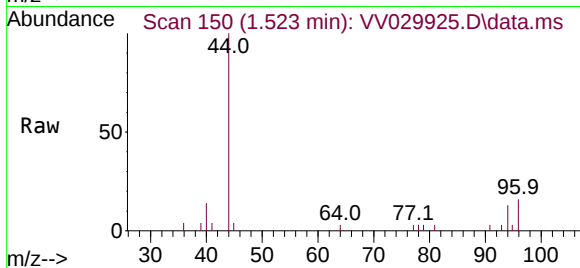
VBLK296

Tgt Ion: 94 Resp: 682

Ion Ratio Lower Upper

94 100

96 122.5 65.9 122.5#



#16

Methylene chloride

Concen: 0.215 ug/L

RT: 2.503 min Scan# 455

Delta R.T. 0.007 min

Lab File: VV029925.D

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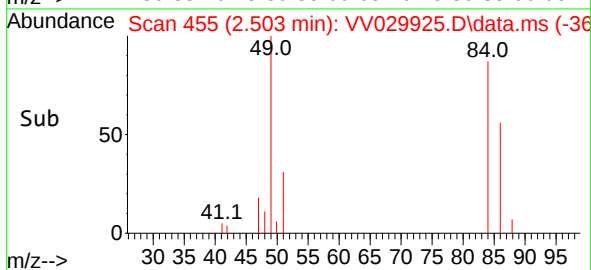
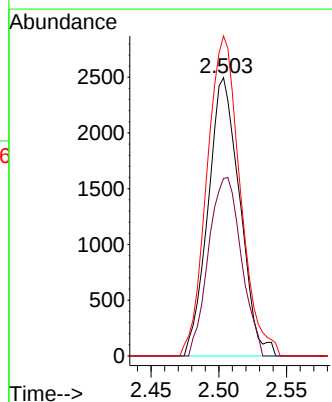
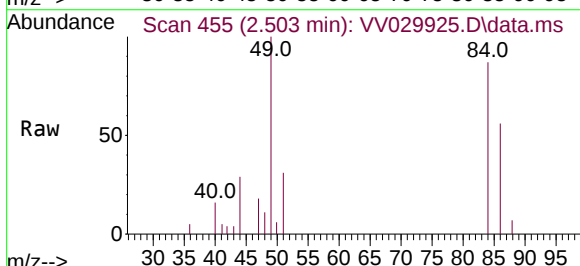
Tgt Ion: 84 Resp: 4053

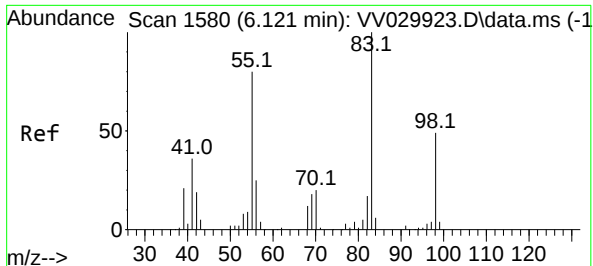
Ion Ratio Lower Upper

84 100

86 63.8 45.0 83.6

49 115.0 71.5 132.7





#35

Methylcyclohexane

Concen: 0.694 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.058 min

Lab File: VV029925.D

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MSVOA_V

ClientSampleId :

VBLK296

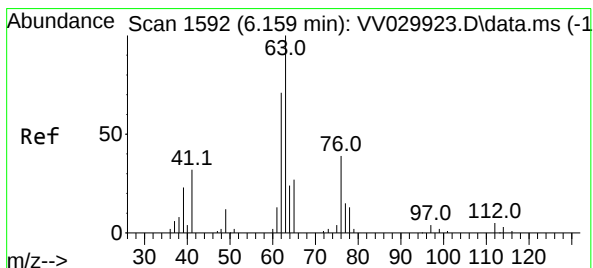
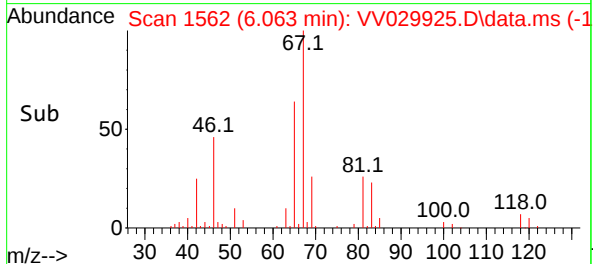
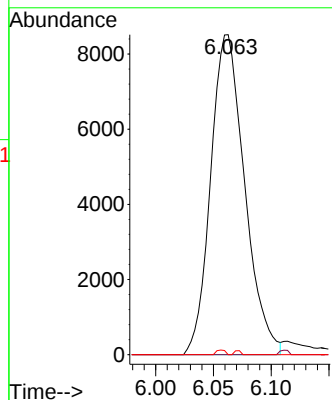
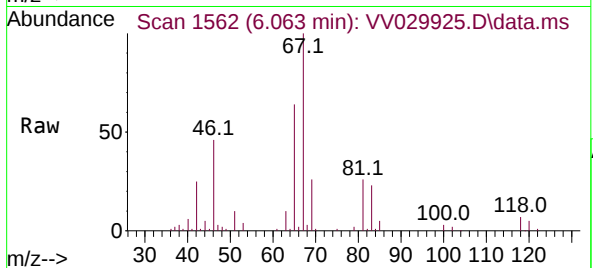
Tgt Ion: 83 Resp: 17427

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.4 39.0 58.6#



#37

1,2-Dichloropropane

Concen: 0.602 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.100 min

Lab File: VV029925.D

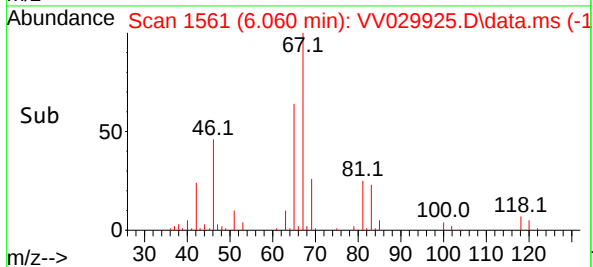
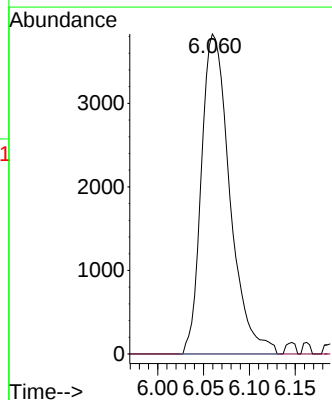
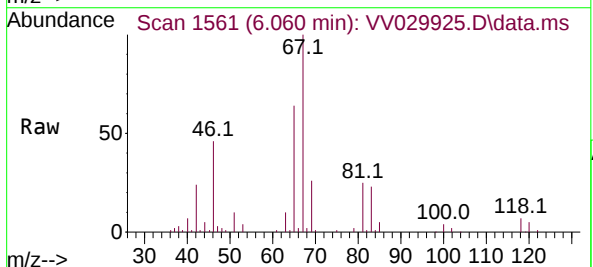
Acq: 24 Jan 2023 16:01

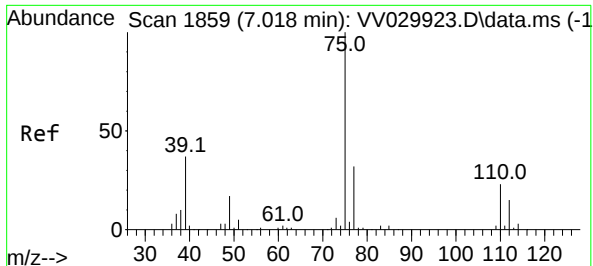
Tgt Ion: 63 Resp: 8265

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#





#39

cis-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 6.976 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV029925.D

Acq: 24 Jan 2023 16:01

Instrument :

MSVOA_V

ClientSampleId :

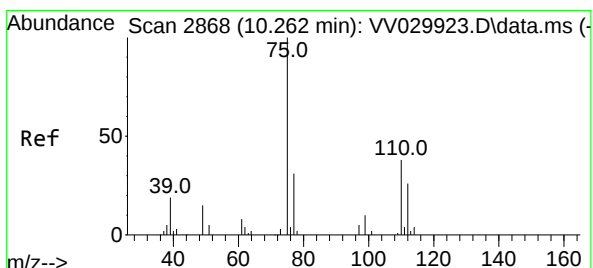
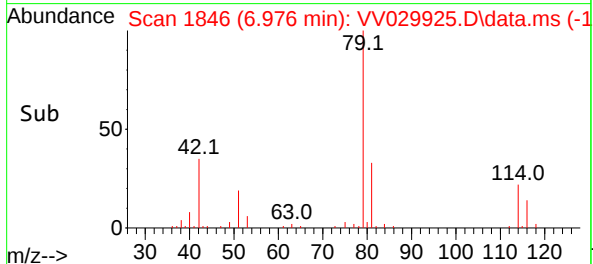
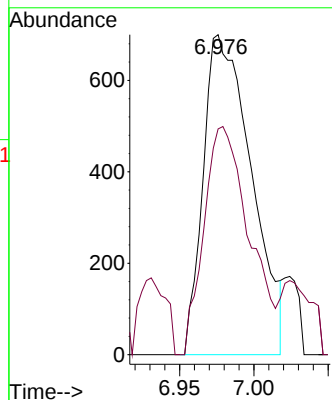
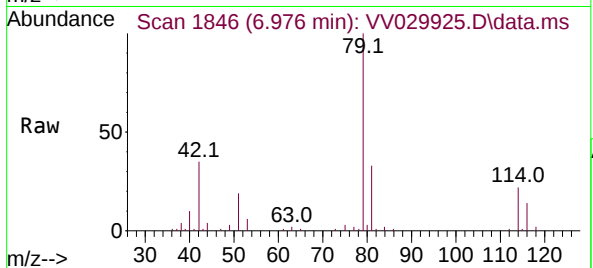
VBLK296

Tgt Ion: 75 Resp: 1579

Ion Ratio Lower Upper

75 100

77 70.6 22.4 41.6#



#61

1,2,3-Trichloropropane

Concen: 1.596 ug/L

RT: 11.236 min Scan# 3171

Delta R.T. 0.974 min

Lab File: VV029925.D

Acq: 24 Jan 2023 16:01

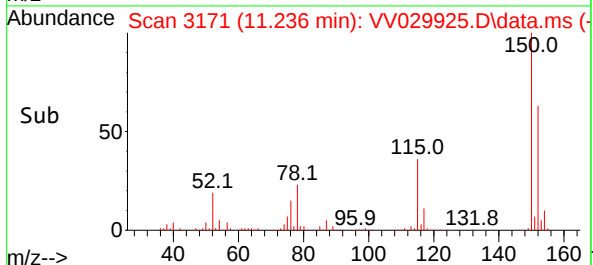
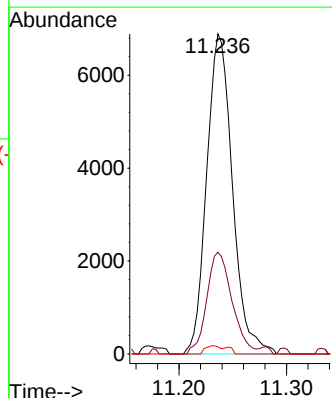
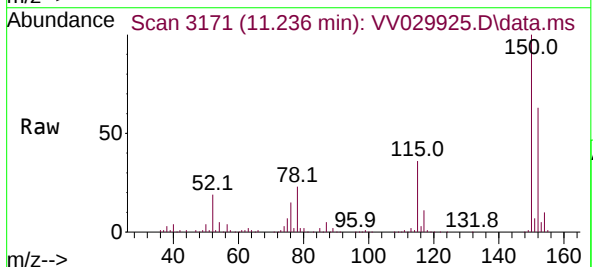
Tgt Ion: 75 Resp: 11467

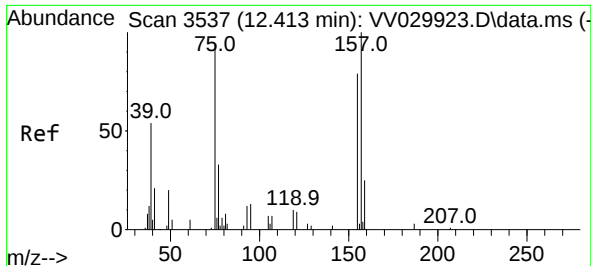
Ion Ratio Lower Upper

75 100

77 31.1 26.5 39.7

110 1.5 31.8 47.8#

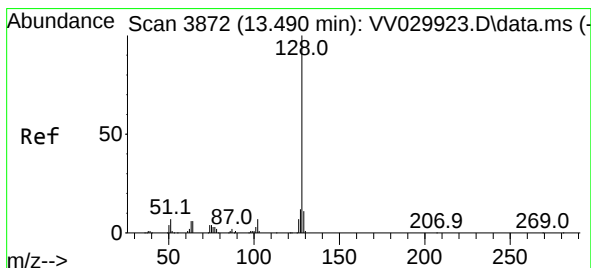
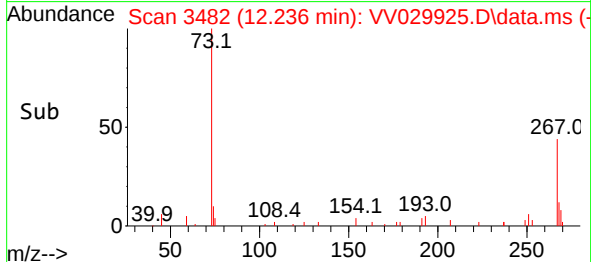
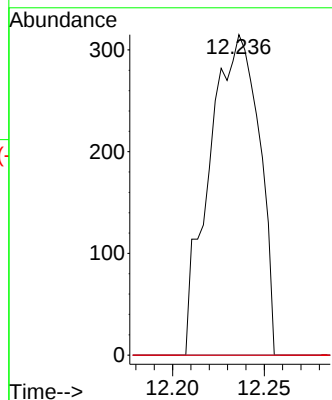
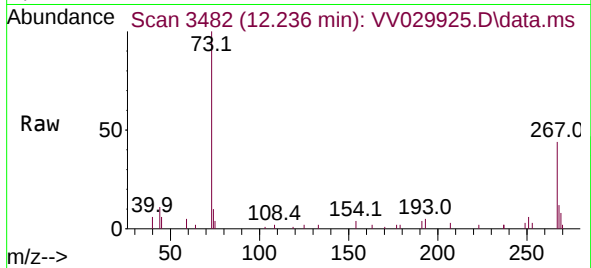




#68
1,2-Dibromo-3-chloropropane
Concen: 0.349 ug/L
RT: 12.236 min Scan# 341
Delta R.T. -0.177 min
Lab File: VV029925.D
Acq: 24 Jan 2023 16:01

Instrument :
MSVOA_V
ClientSampleId :
VBLK296

Tgt Ion: 75 Resp: 593
Ion Ratio Lower Upper
75 100
155 0.0 75.5 113.3#
157 0.0 99.2 148.8#



#71
Naphthalene
Concen: 0.213 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. 0.003 min
Lab File: VV029925.D
Acq: 24 Jan 2023 16:01

Tgt Ion: 128 Resp: 5467
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 11.1 10.0 15.0

