

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025512.D
 Acq On : 13 Apr 2022 23:48
 Operator : SY/MD
 Sample : N2357-14
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 05:24:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 14 05:22:13 2022
 Response via : Initial Calibration

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

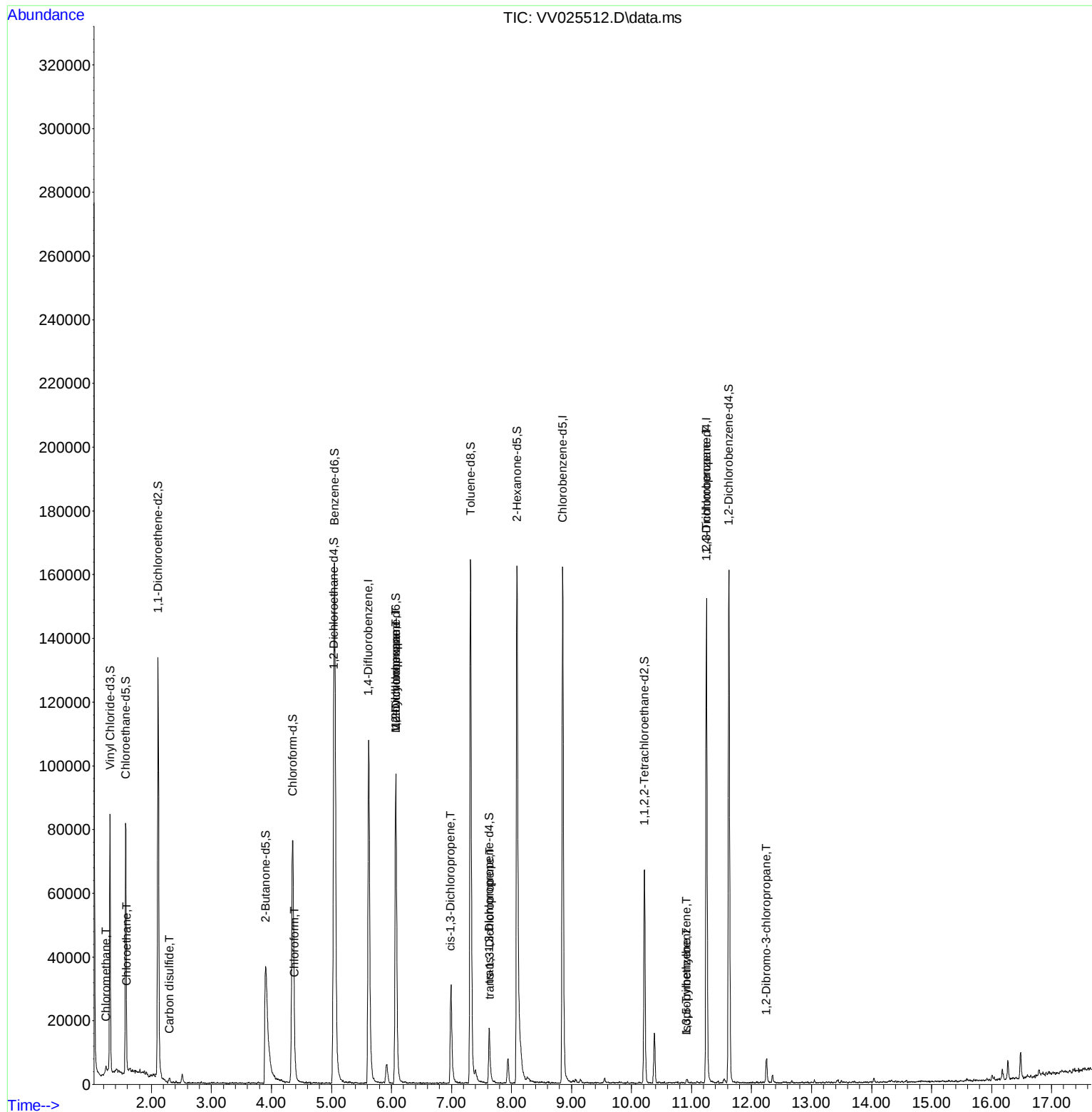
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	95185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	90863	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	39783	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	49043	5.542	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.800%	
7) Chloroethane-d5	1.571	69	48669	5.170	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	103.400%	
11) 1,1-Dichloroethene-d2	2.111	63	69436	3.917	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	78.400%	
20) 2-Butanone-d5	3.905	46	77609	72.097	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	144.200%#	
24) Chloroform-d	4.355	84	80014	5.983	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	119.600%	
26) 1,2-Dichloroethane-d4	5.037	65	39363	6.832	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	136.600%#	
32) Benzene-d6	5.053	84	150318	5.718	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.400%	
36) 1,2-Dichloropropane-d6	6.069	67	46624	6.359	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	127.200%	
41) Toluene-d8	7.317	98	112019	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.800%	
43) trans-1,3-Dichloroprop...	7.628	79	10657	4.324	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	86.400%	
46) 2-Hexanone-d5	8.091	63	54999	63.588	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	127.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	31996	6.907	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	138.200%#	
66) 1,2-Dichlorobenzene-d4	11.622	152	39309	5.893	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	117.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	768	0.082	ug/L	89
8) Chloroethane	1.587	64	1112	0.136	ug/L	84
14) Carbon disulfide	2.301	76	1626	0.082	ug/L #	77
25) Chloroform	4.384	83	1534	0.124	ug/L	88
35) Methylcyclohexane	6.069	83	11727	1.031	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	5287	0.851	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	830	0.102	ug/L #	47
44) trans-1,3-Dichloropropene	7.638	75	490	0.078	ug/L #	72
60) Isopropylbenzene	10.915	105	903	0.037	ug/L #	59
61) 1,2,3-Trichloropropane	11.246	75	5207	1.987	ug/L #	62
62) 1,3,5-Trimethylbenzene	10.915	105	903	0.082	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.246	75	233	0.514	ug/L #	2

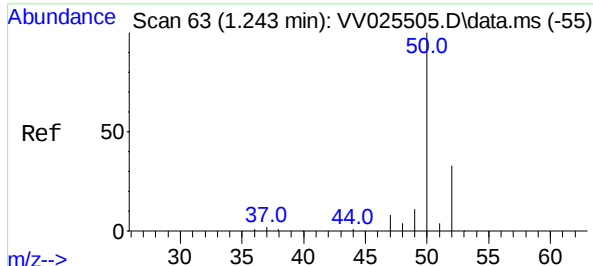
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





Chloromethane

Concen: 0.082 ug/L

RT: 1.243 min Scan#

Delta R.T. -0.000 min

Lab File: VV025512.D

Acq: 13 Apr 2022 23:48

Instrument :

MSVOA_V

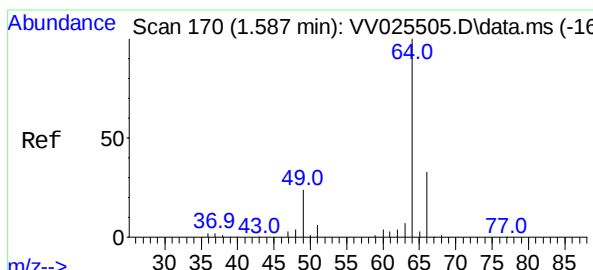
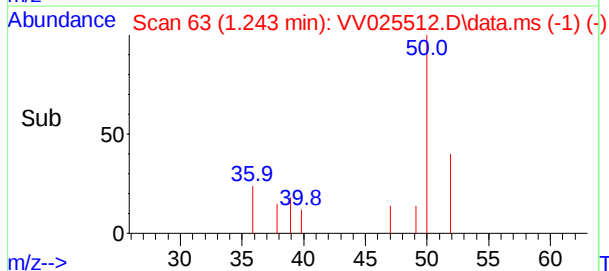
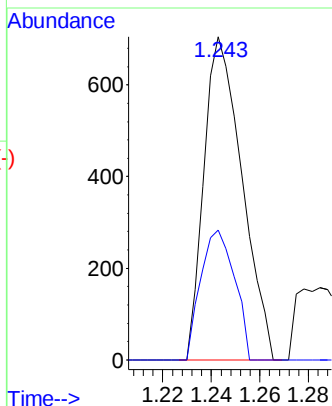
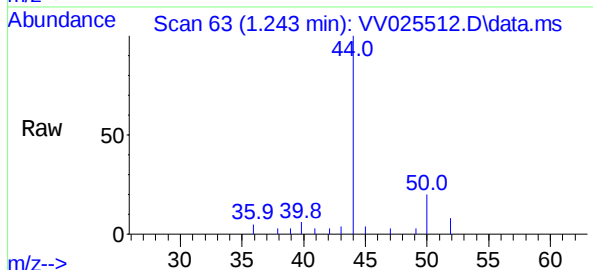
ClientSampleId :

Tgt Ion: 50 Resp: 768

Ion Ratio Lower Upper

50 100

52 40.1 23.7 43.9



Chloroethane

Concen: 0.136 ug/L

RT: 1.587 min Scan# 170

Delta R.T. -0.000 min

Lab File: VV025512.D

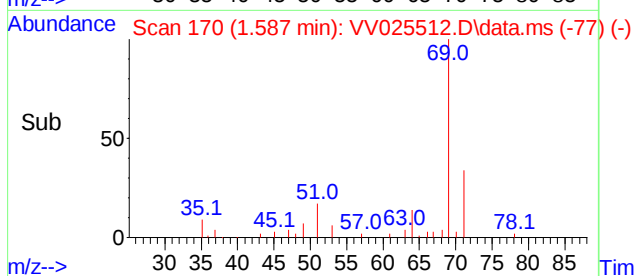
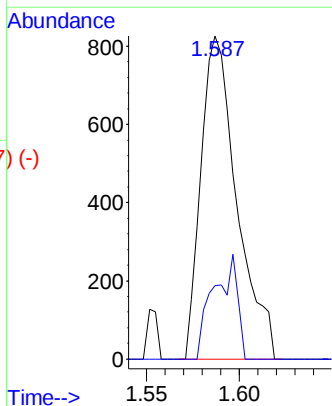
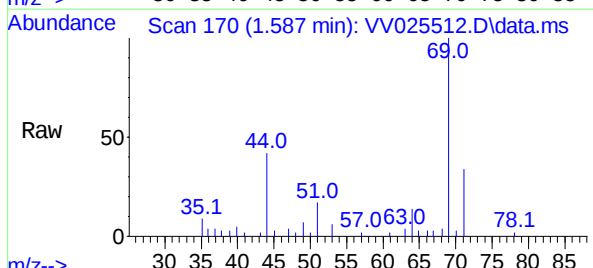
Acq: 13 Apr 2022 23:48

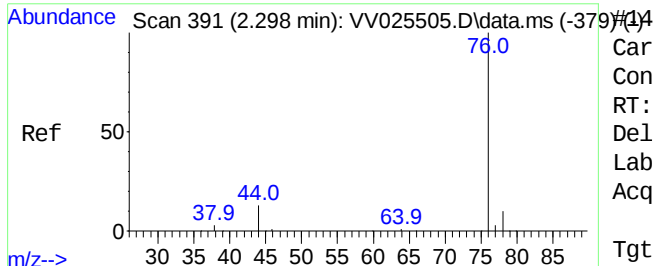
Tgt Ion: 64 Resp: 1112

Ion Ratio Lower Upper

64 100

66 22.6 21.8 40.6





Carbon disulfide

Concen: 0.082 ug/L

RT: 2.301 min Scan# 14

Delta R.T. 0.003 min

Lab File: VV025512.D

Acq: 13 Apr 2022 23:48

Instrument :

MSVOA_V

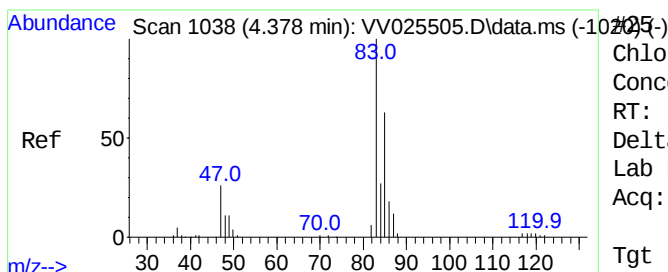
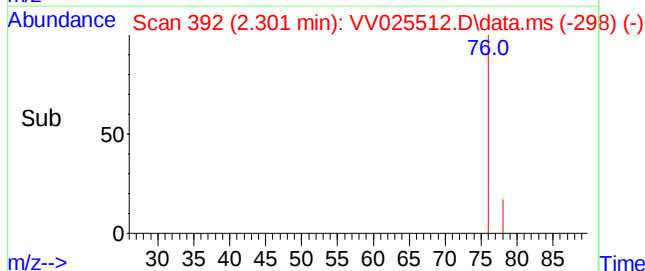
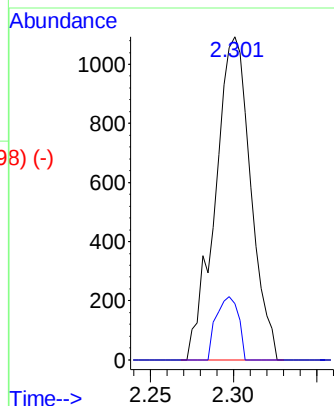
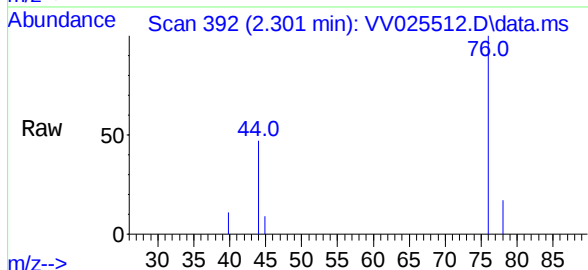
ClientSampleId :

Tgt Ion: 76 Resp: 1626

Ion Ratio Lower Upper

76 100

78 17.5 7.3 10.9#



Chloroform

Concen: 0.124 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VV025512.D

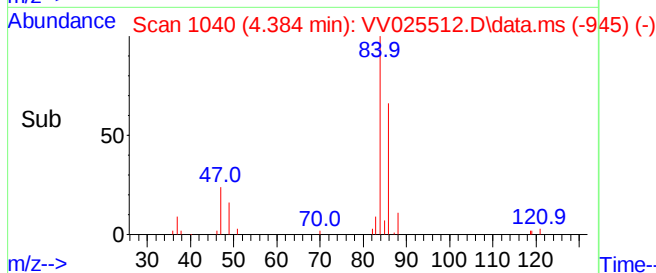
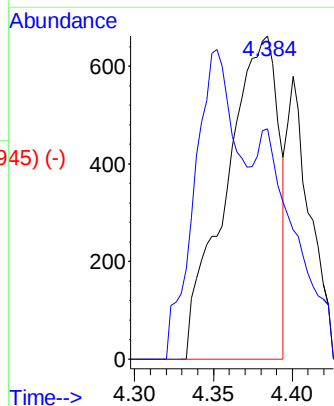
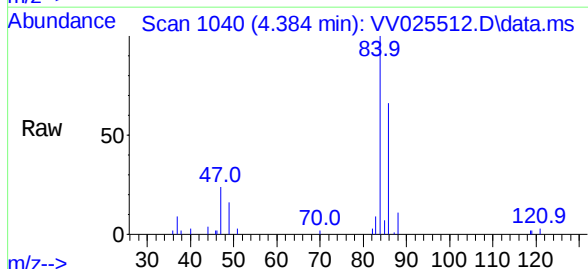
Acq: 13 Apr 2022 23:48

Tgt Ion: 83 Resp: 1534

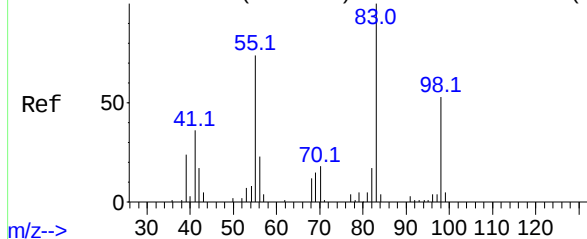
Ion Ratio Lower Upper

83 100

85 71.3 43.5 80.7



Abundance Scan 1584 (6.134 min): VV025505.D\data.ms (-15735)



Methylcyclohexane

Concen: 1.031 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.064 min

Lab File: VV025512.D

Acq: 13 Apr 2022 23:48

Instrument :

MSVOA_V

ClientSampleId :

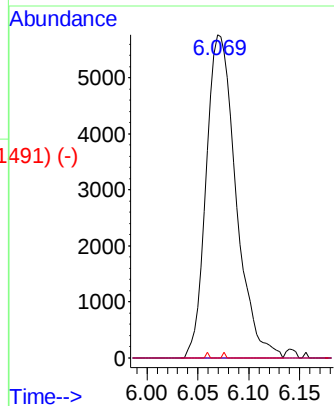
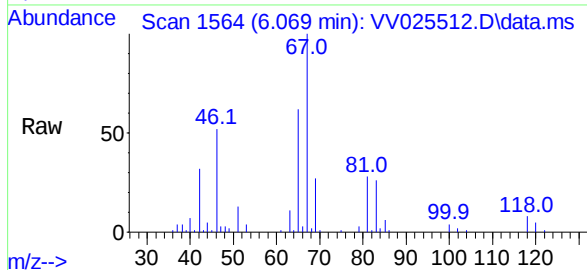
Tgt Ion: 83 Resp: 11727

Ion Ratio Lower Upper

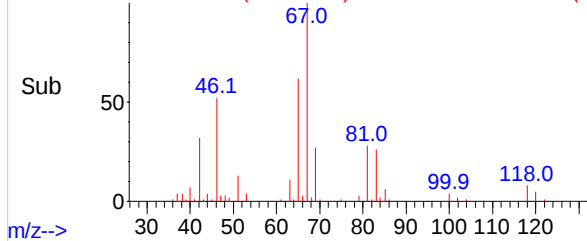
83 100

55 0.0 53.7 80.5#

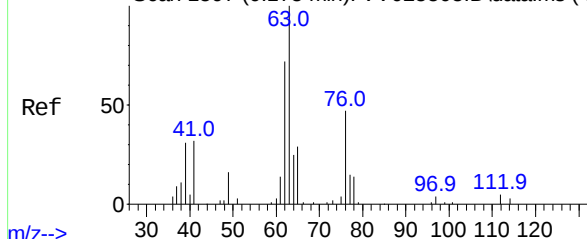
98 0.2 39.6 59.4#



Abundance Scan 1564 (6.069 min): VV025512.D\data.ms (-1491) (-)



Abundance Scan 1597 (6.175 min): VV025505.D\data.ms (-15737)



1,2-Dichloropropane

Concen: 0.851 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025512.D

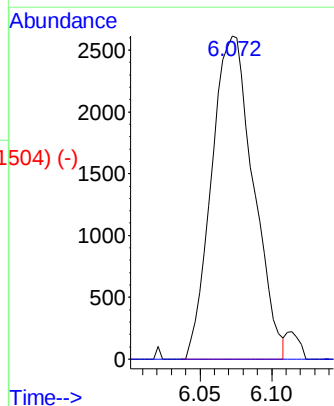
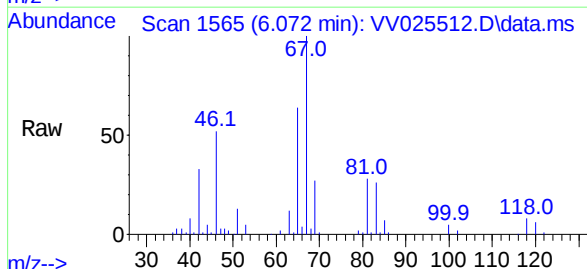
Acq: 13 Apr 2022 23:48

Tgt Ion: 63 Resp: 5287

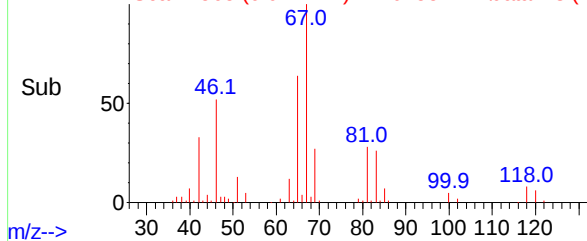
Ion Ratio Lower Upper

63 100

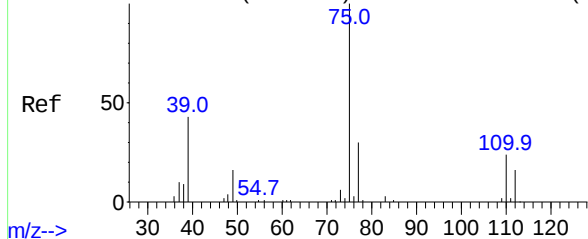
112 0.0 3.8 5.8#



Abundance Scan 1565 (6.072 min): VV025512.D\data.ms (-1504) (-)



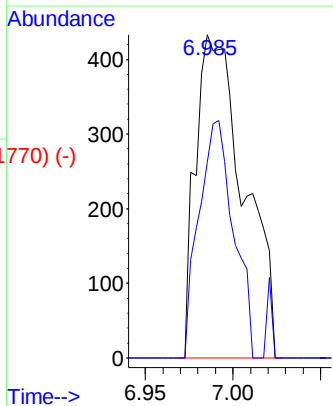
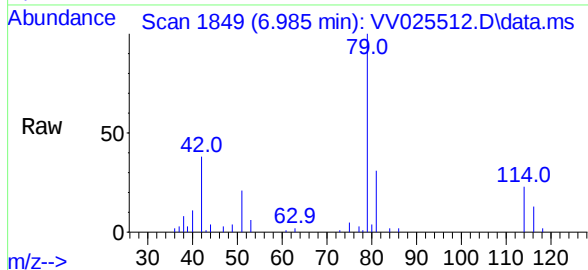
Abundance Scan 1863 (7.031 min): VV025505.D\data.ms (-18529)



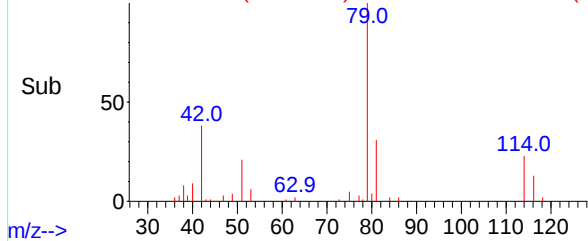
cis-1,3-Dichloropropene
Concen: 0.102 ug/L
RT: 6.985 min Scan# 1849
Delta R.T. -0.045 min
Lab File: VV025512.D
Acq: 13 Apr 2022 23:48

Instrument : MSVOA_V
ClientSampleId :

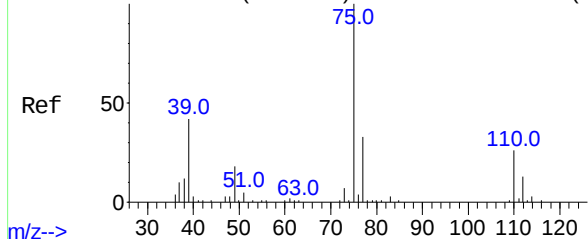
Tgt Ion: 75 Resp: 830
Ion Ratio Lower Upper
75 100
77 60.5 21.8 40.6#



Abundance Scan 1849 (6.985 min): VV025512.D\data.ms (-1770) (-)

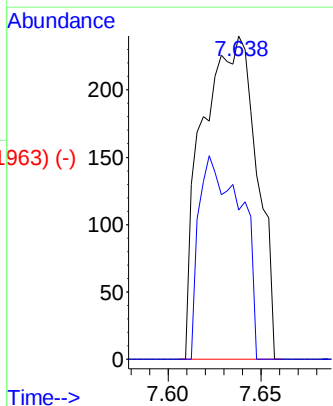
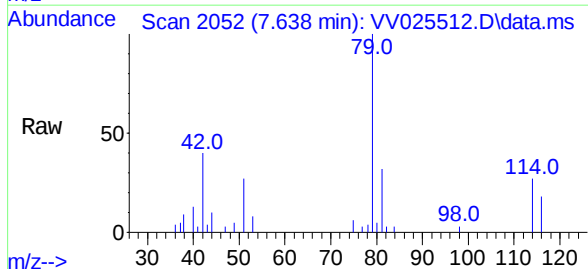


Abundance Scan 2056 (7.651 min): VV025505.D\data.ms (-20444)

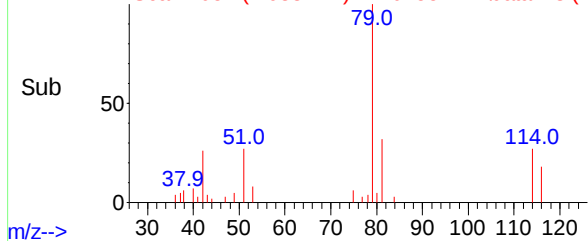


trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.638 min Scan# 2052
Delta R.T. -0.013 min
Lab File: VV025512.D
Acq: 13 Apr 2022 23:48

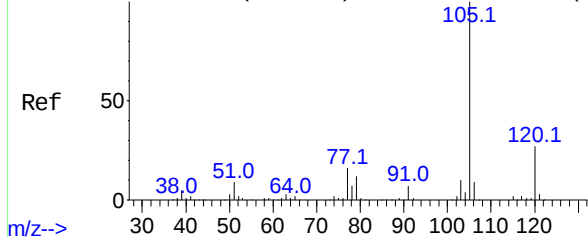
Tgt Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 46.3 21.7 40.3#



Abundance Scan 2052 (7.638 min): VV025512.D\data.ms (-1963) (-)



Abundance Scan 2765 (9.931 min): VV025505.D\data.ms (-27500)



Isopropylbenzene

Concen: 0.037 ug/L

RT: 10.915 min Scan# 3174

Delta R.T. 0.984 min

Lab File: VV025512.D

Acq: 13 Apr 2022 23:48

Instrument :

MSVOA_V

ClientSampleId :

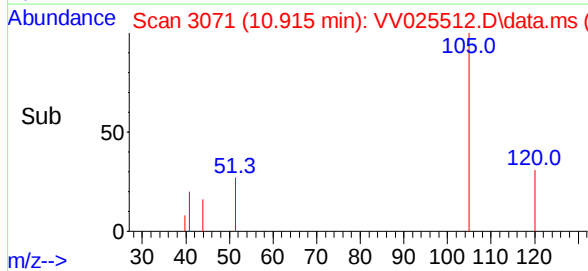
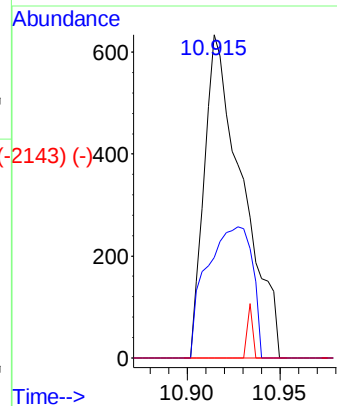
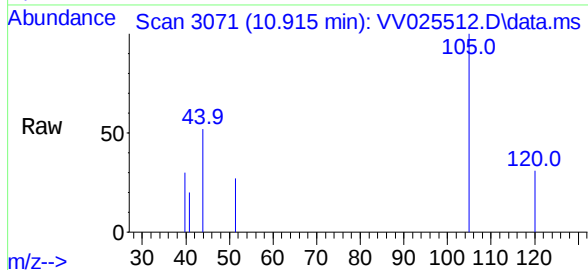
Tgt Ion:105 Resp: 903

Ion Ratio Lower Upper

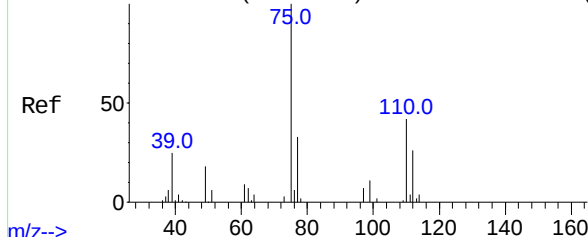
105 100

120 48.7 21.2 31.8#

77 0.0 12.2 18.2#



Abundance Scan 2872 (10.275 min): VV025505.D\data.ms (-2800) (-)



1,2,3-Trichloropropane

Concen: 1.987 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV025512.D

Acq: 13 Apr 2022 23:48

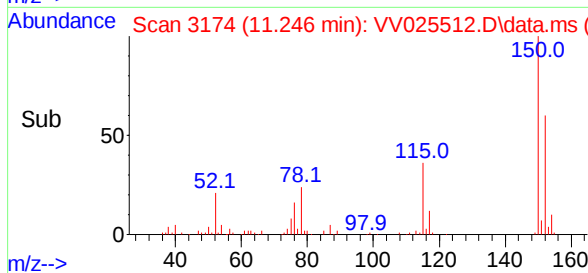
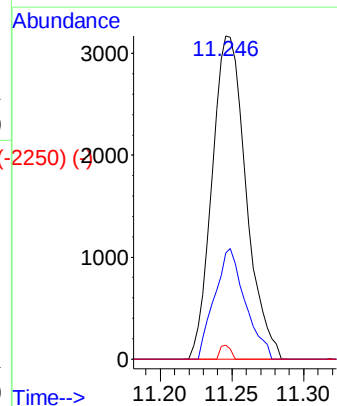
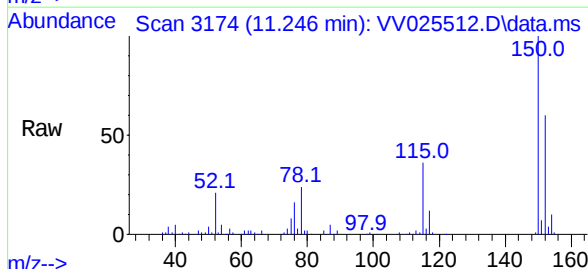
Tgt Ion: 75 Resp: 5207

Ion Ratio Lower Upper

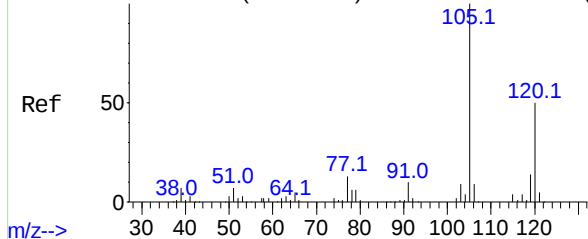
75 100

77 30.9 25.6 38.4

110 1.3 34.7 52.1#



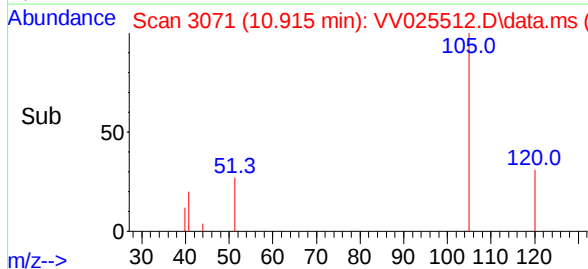
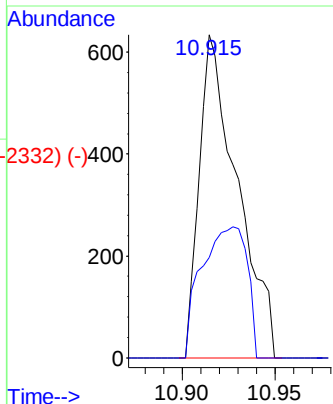
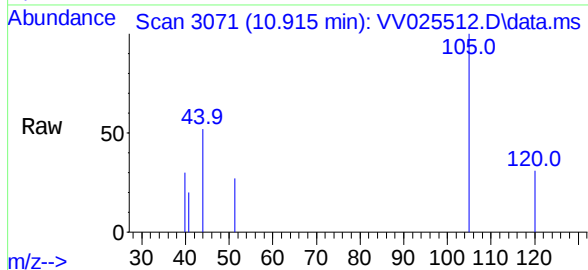
Abundance Scan 2954 (10.538 min): VV025505.D\data.ms (-3482) (-)



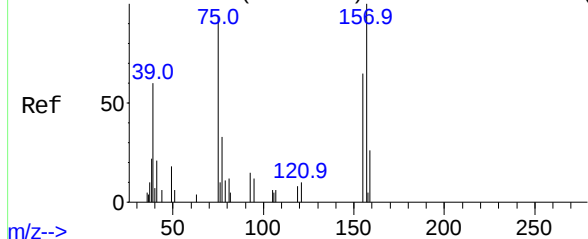
1,3,5-Trimethylbenzene
Concen: 0.082 ug/L
RT: 10.915 min Scan# 3482
Delta R.T. 0.376 min
Lab File: VV025512.D
Acq: 13 Apr 2022 23:48

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 903
Ion Ratio Lower Upper
105 100
120 48.7 39.6 59.4



Abundance Scan 3541 (12.426 min): VV025505.D\data.ms (-3568) (-)



1,2-Dibromo-3-chloropropane
Concen: 0.514 ug/L
RT: 12.246 min Scan# 3485
Delta R.T. -0.180 min
Lab File: VV025512.D
Acq: 13 Apr 2022 23:48

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
155 0.0 65.8 98.8#
157 0.0 86.6 130.0#

