

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
 Data File : VV025517.D
 Acq On : 14 Apr 2022 01:45
 Operator : SY/MD
 Sample : N2384-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 14 05:25:02 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	118262	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120610	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	55366	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	67021	6.096	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	122.000%	
7) Chloroethane-d5	1.571	69	59705	5.104	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	102.000%	
11) 1,1-Dichloroethene-d2	2.111	63	101237	4.596	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	92.000%	
20) 2-Butanone-d5	3.928	46	56217	42.034	ug/L	0.02
Spiked Amount 50.000	Range 40	- 130	Recovery	=	84.060%	
24) Chloroform-d	4.352	84	88468	5.325	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	106.400%	
26) 1,2-Dichloroethane-d4	5.037	65	39995	5.587	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	111.800%	
32) Benzene-d6	5.053	84	175491	5.029	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	100.600%	
36) 1,2-Dichloropropane-d6	6.072	67	51245	5.265	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	105.400%	
41) Toluene-d8	7.317	98	146950	4.538	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	90.800%	
43) trans-1,3-Dichloroprop...	7.625	79	15313	4.681	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	93.600%	
46) 2-Hexanone-d5	8.092	63	48776	42.485	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	84.960%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	29826	4.851	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	97.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	52449	5.650	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	113.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	525	0.045	ug/L	92
6) Bromomethane	1.526	94	424	0.045	ug/L	92
15) Methyl Acetate	2.465	43	828	0.410	ug/L #	48
16) Methylene chloride	2.513	84	4344	0.437	ug/L	96
25) Chloroform	4.378	83	12217	0.795	ug/L	98
27) 1,2-Dichloroethane	5.056	62	765	0.094	ug/L #	71
35) Methylcyclohexane	6.072	83	12369	0.819	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	5950	0.722	ug/L #	85
38) Bromodichloromethane	6.523	83	1566	0.153	ug/L #	95
39) cis-1,3-Dichloropropene	6.995	75	1319	0.122	ug/L #	79
40) 4-Methyl-2-pentanone	7.236	43	3179	0.963	ug/L #	85
61) 1,2,3-Trichloropropane	11.249	75	6880	1.887	ug/L #	50
62) 1,3,5-Trimethylbenzene	10.918	105	692	0.045	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.239	75	399	0.633	ug/L #	2
71) Naphthalene	13.509	128	1017	0.074	ug/L #	84

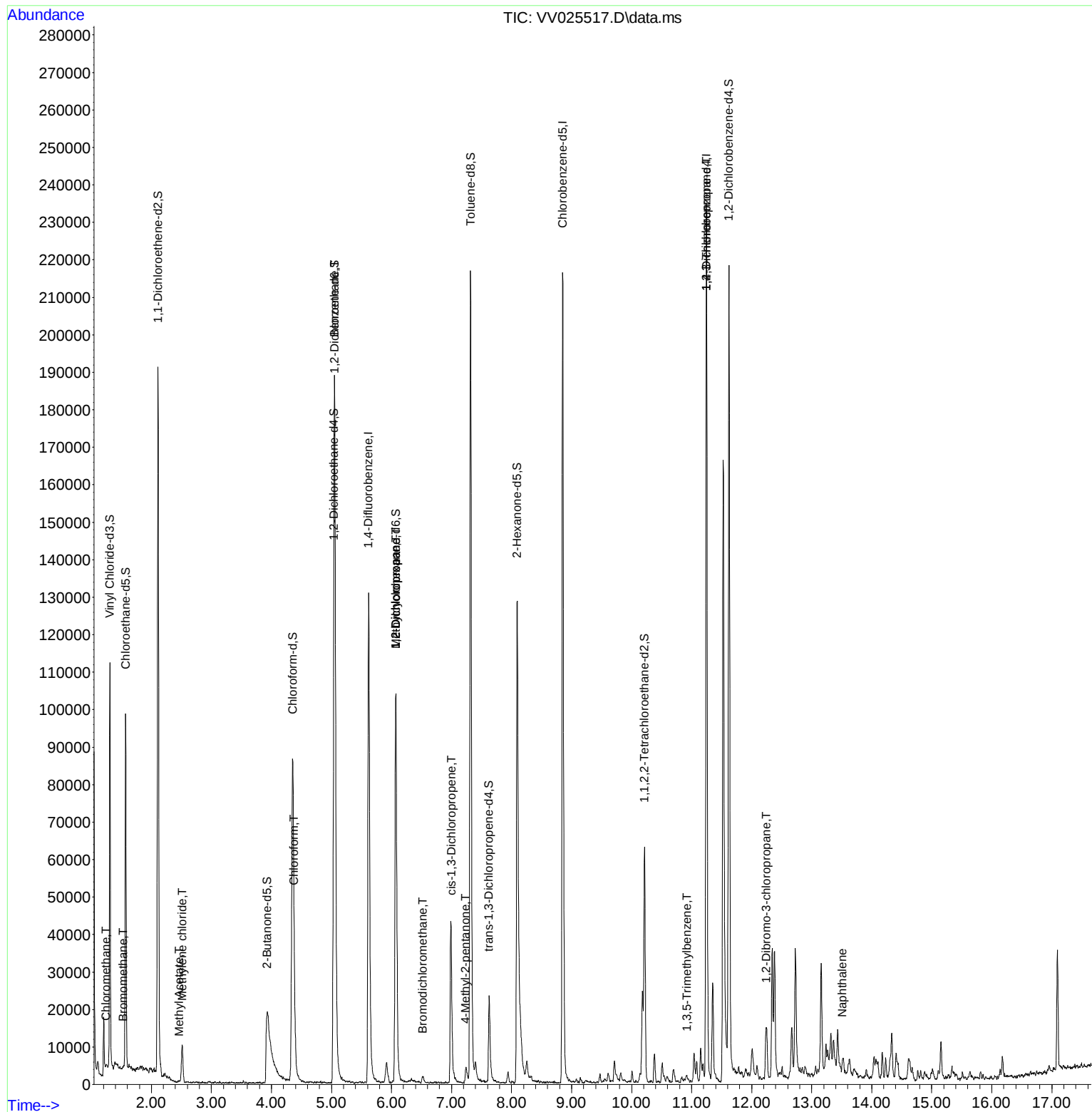
(#) = qualifier out of range (m) = manual integration (+) = signals summed

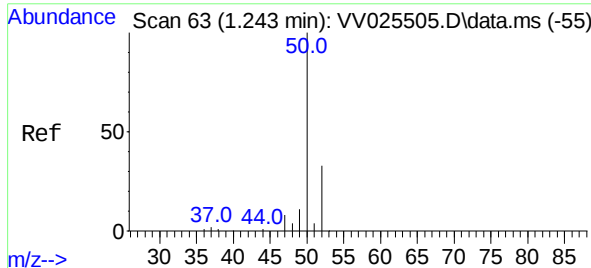
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041322\
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ClientSampleId :

Quant Time: Apr 14 05:25:02 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





Chloromethane

Concen: 0.045 ug/L

RT: 1.243 min Scan#

Delta R.T. 0.000 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

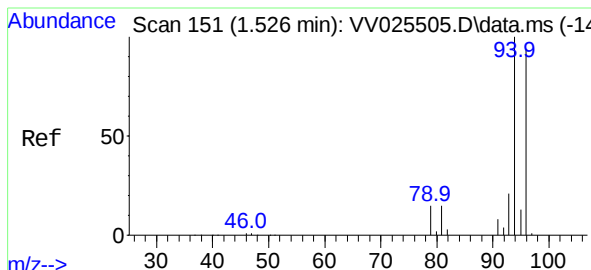
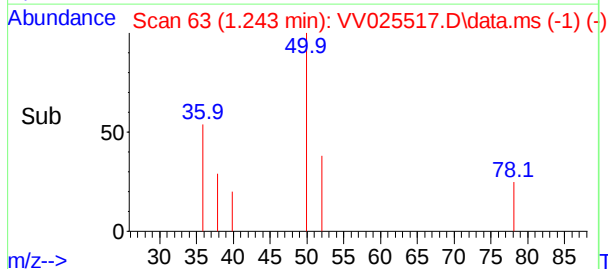
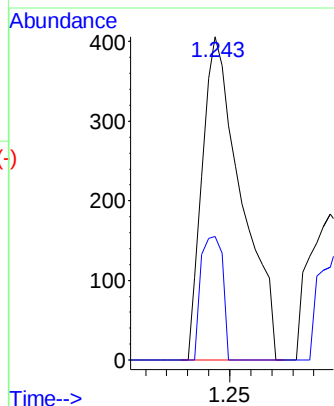
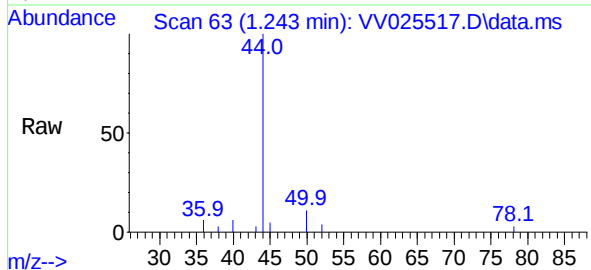
ClientSampleId :

Tgt Ion: 50 Resp: 525

Ion Ratio Lower Upper

50 100

52 38.2 23.7 43.9



Bromomethane

Concen: 0.045 ug/L

RT: 1.526 min Scan# 151

Delta R.T. 0.000 min

Lab File: VV025517.D

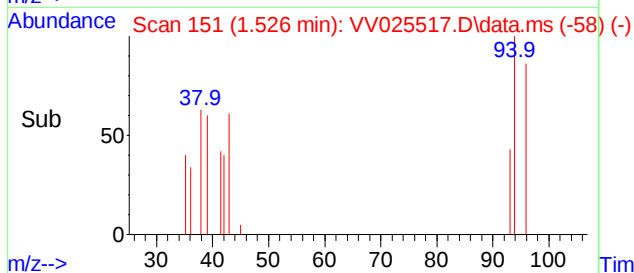
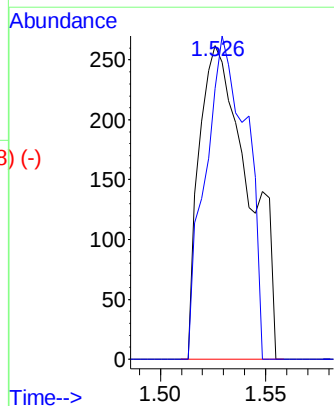
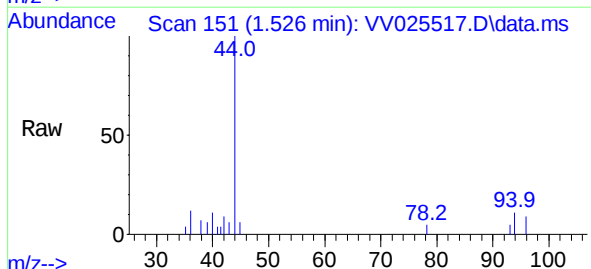
Acq: 14 Apr 2022 01:45

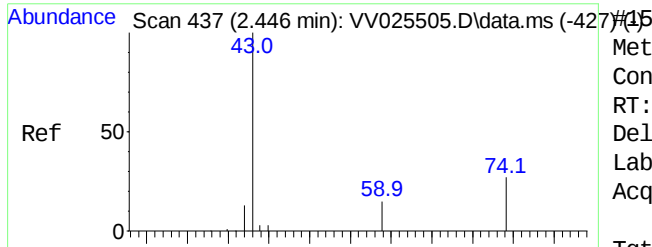
Tgt Ion: 94 Resp: 424

Ion Ratio Lower Upper

94 100

96 86.3 66.1 122.7





Methyl Acetate

Concen: 0.410 ug/L

RT: 2.465 min Scan# 415

Delta R.T. 0.019 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

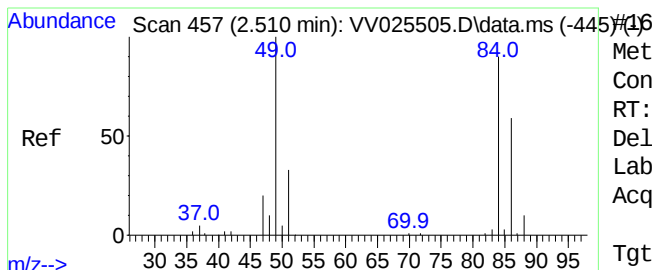
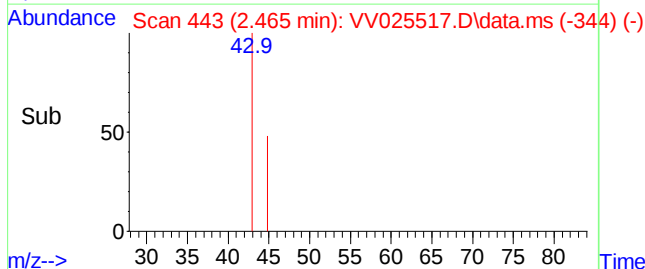
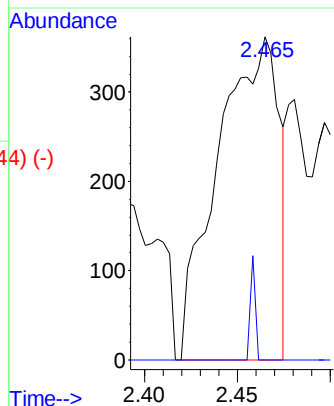
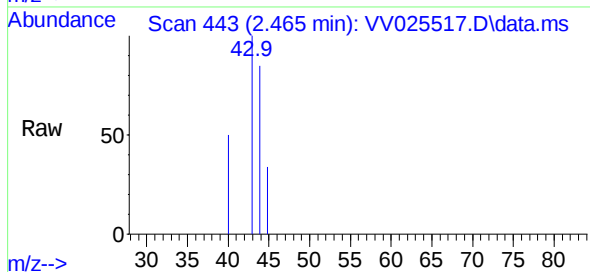
ClientSampleId :

Tgt Ion: 43 Resp: 828

Ion Ratio Lower Upper

43 100

74 2.8 25.2 37.8#



Methylene chloride

Concen: 0.437 ug/L

RT: 2.513 min Scan# 458

Delta R.T. 0.003 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

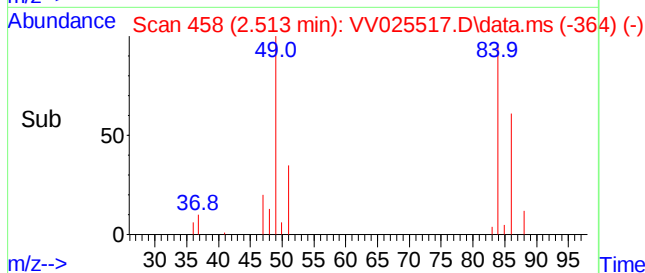
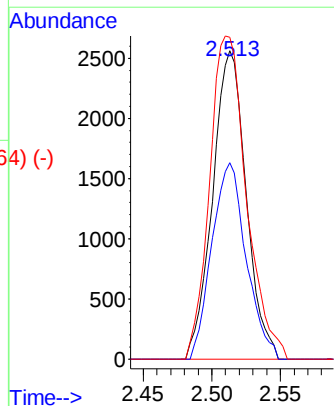
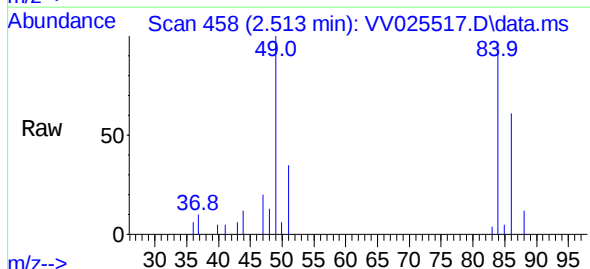
Tgt Ion: 84 Resp: 4344

Ion Ratio Lower Upper

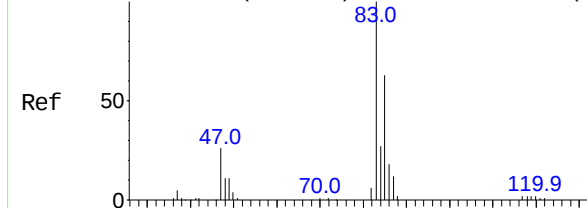
84 100

86 63.6 45.9 85.3

49 104.4 76.6 142.3



Abundance Scan 1038 (4.378 min): VV025505.D\data.ms (-1025)



Chloroform

Concen: 0.795 ug/L

RT: 4.378 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

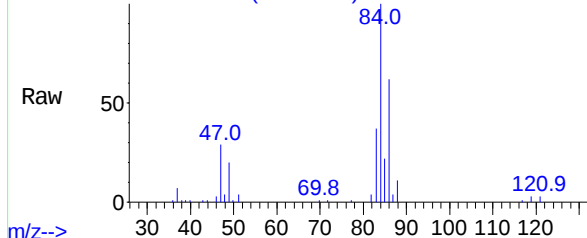
Tgt Ion: 83 Resp: 12217

Ion Ratio Lower Upper

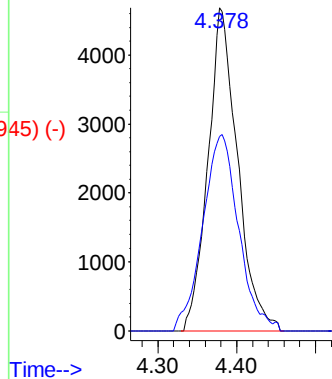
83 100

85 60.2 43.5 80.7

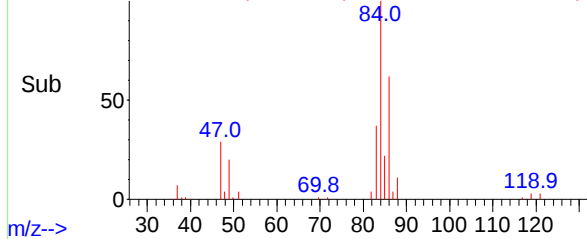
Abundance Scan 1038 (4.378 min): VV025517.D\data.ms



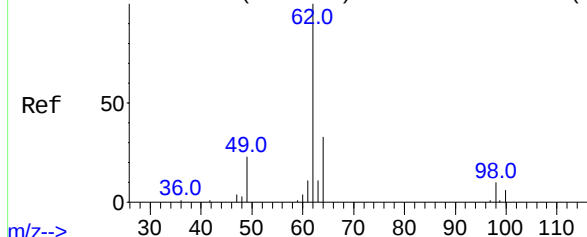
Abundance



Abundance Scan 1038 (4.378 min): VV025517.D\data.ms (-945) (-)



Abundance Scan 1274 (5.137 min): VV025505.D\data.ms (-12527)



1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

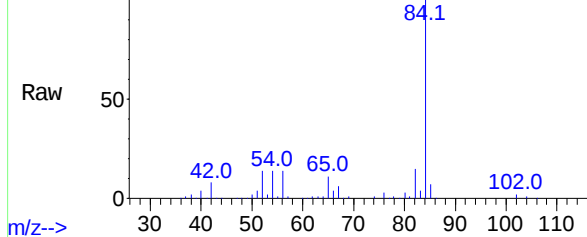
Tgt Ion: 62 Resp: 765

Ion Ratio Lower Upper

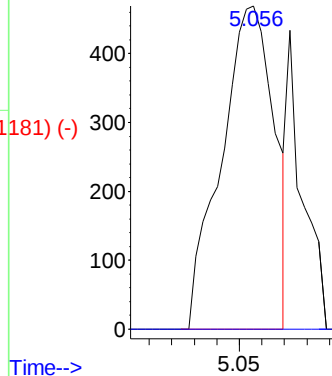
62 100

98 0.0 8.8 13.2#

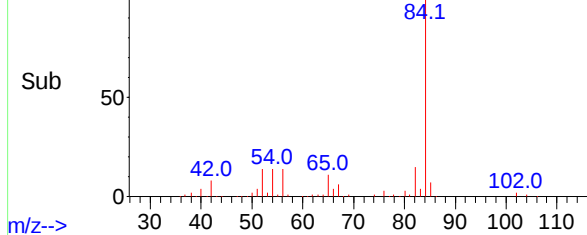
Abundance Scan 1249 (5.056 min): VV025517.D\data.ms



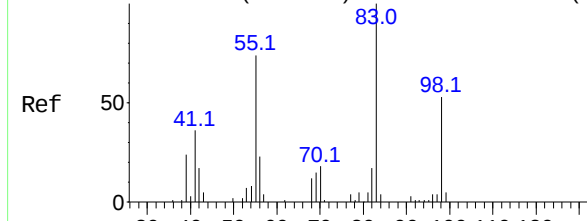
Abundance



Abundance Scan 1249 (5.056 min): VV025517.D\data.ms (-1181) (-)



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



Methylcyclohexane

Concen: 0.819 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.061 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83 Resp: 12369

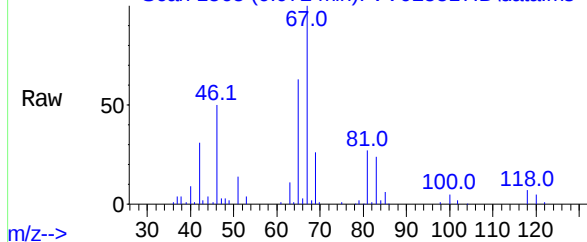
Ion Ratio Lower Upper

83 100

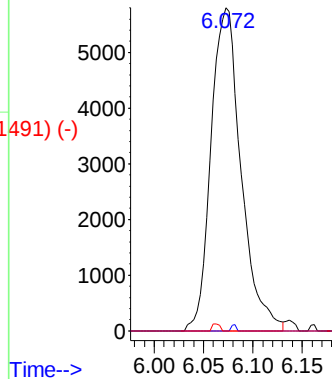
55 0.3 53.7 80.5#

98 0.5 39.6 59.4#

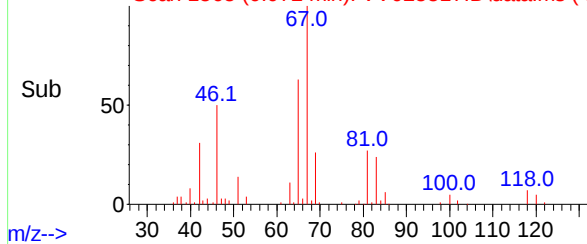
Abundance Scan 1565 (6.072 min): VV025517.D\data.ms



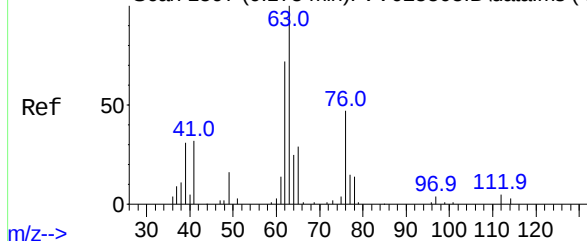
Abundance



Abundance Scan 1565 (6.072 min): VV025517.D\data.ms (-1491) (-)



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



1,2-Dichloropropane

Concen: 0.722 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

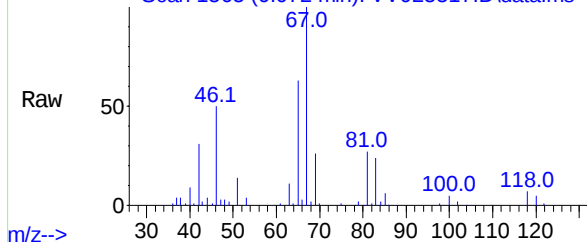
Tgt Ion: 63 Resp: 5950

Ion Ratio Lower Upper

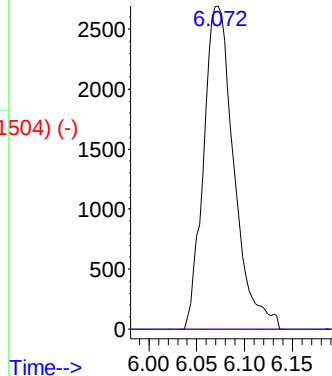
63 100

112 0.0 3.8 5.8#

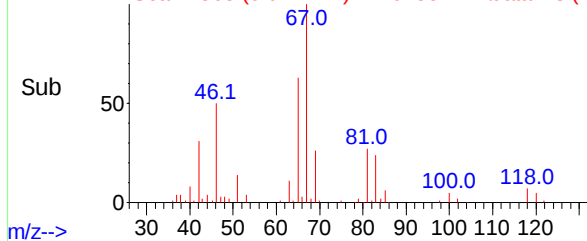
Abundance Scan 1565 (6.072 min): VV025517.D\data.ms



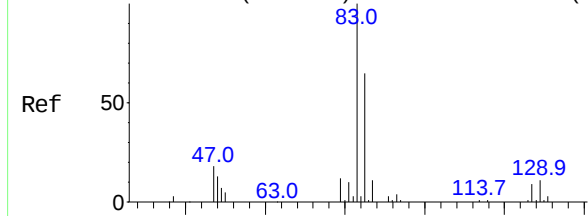
Abundance



Abundance Scan 1565 (6.072 min): VV025517.D\data.ms (-1504) (-)



Abundance Scan 1702 (6.513 min): VV025505.D\data.ms (-1609) (-)

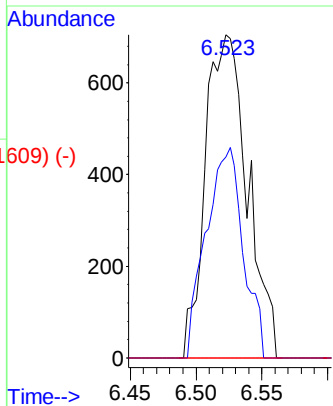
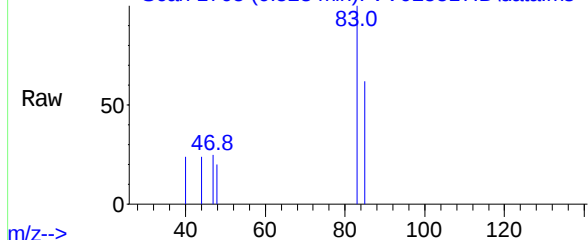


Bromodichloromethane
Concen: 0.153 ug/L
RT: 6.523 min Scan# 1852
Delta R.T. 0.010 min
Lab File: VV025517.D
Acq: 14 Apr 2022 01:45

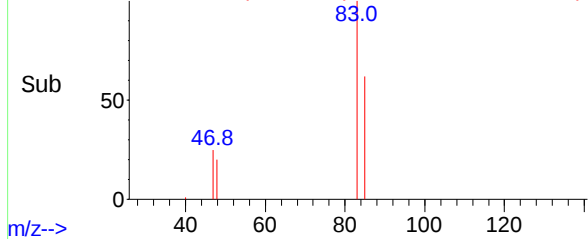
Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 83 Resp: 1566
Ion Ratio Lower Upper
83 100
85 62.1 44.4 82.4
127 0.0 7.2 10.8#

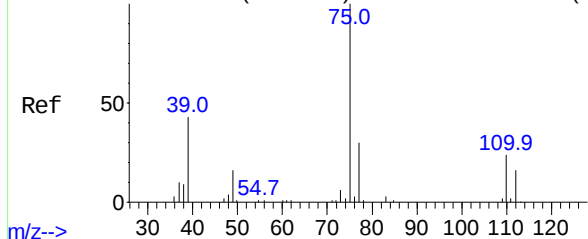
Abundance Scan 1705 (6.523 min): VV025517.D\data.ms



Abundance Scan 1705 (6.523 min): VV025517.D\data.ms (-1609) (-)



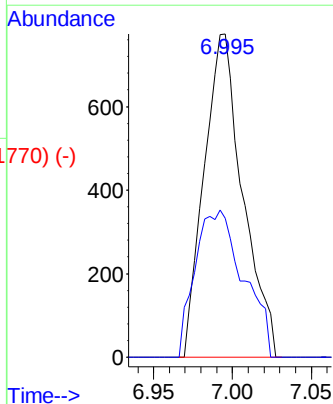
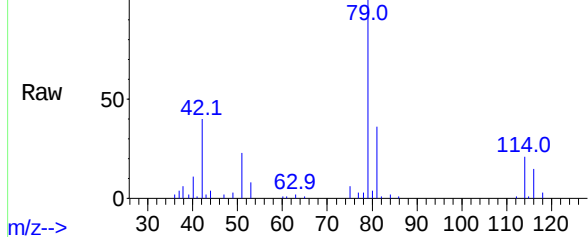
Abundance Scan 1863 (7.031 min): VV025505.D\data.ms (-1852) (-)



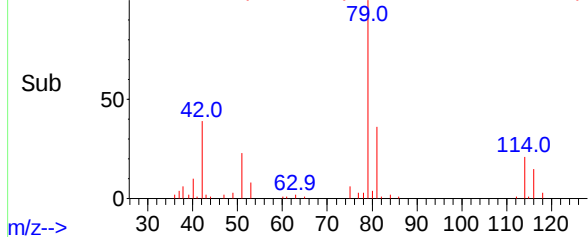
cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 6.995 min Scan# 1852
Delta R.T. -0.035 min
Lab File: VV025517.D
Acq: 14 Apr 2022 01:45

Tgt Ion: 75 Resp: 1319
Ion Ratio Lower Upper
75 100
77 43.0 21.8 40.6#

Abundance Scan 1852 (6.995 min): VV025517.D\data.ms



Abundance Scan 1852 (6.995 min): VV025517.D\data.ms (-1770) (-)



Abundance Scan 1924 (7.227 min): VV025505.D\data.ms (-19124) (-)

4-Methyl-2-pentanone

Concen: 0.963 ug/L

RT: 7.236 min Scan# 1

Delta R.T. 0.010 min

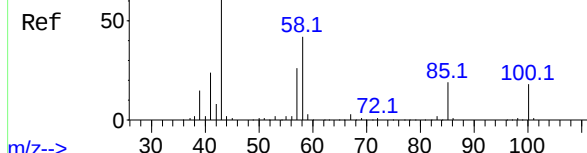
Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :



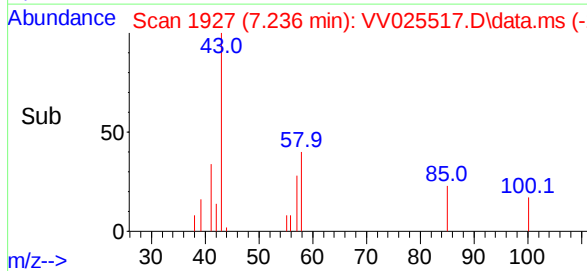
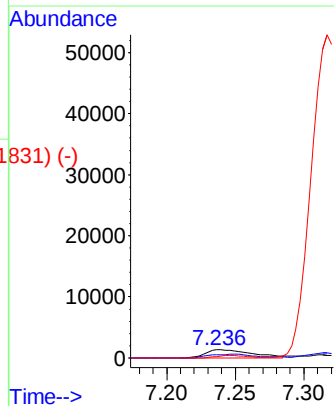
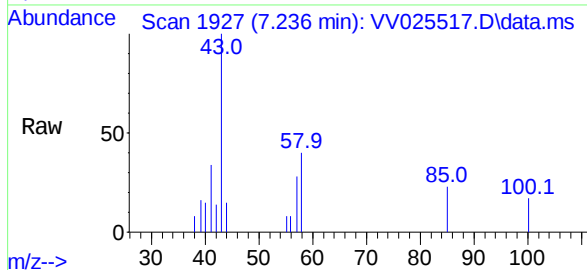
Tgt Ion: 43 Resp: 3179

Ion Ratio Lower Upper

43 100

58 46.3 35.1 52.7

100 0.0 15.3 22.9#



Abundance Scan 2872 (10.275 min): VV025505.D\data.ms (-2860) (-)

1,2,3-Trichloropropane

Concen: 1.887 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.974 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

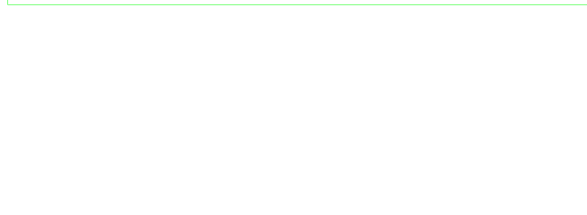
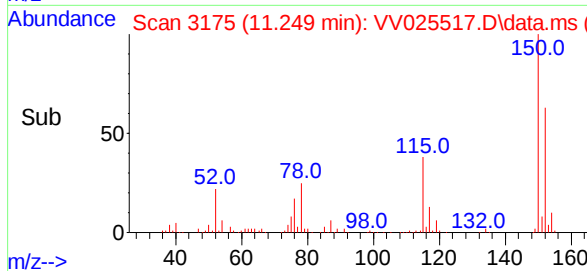
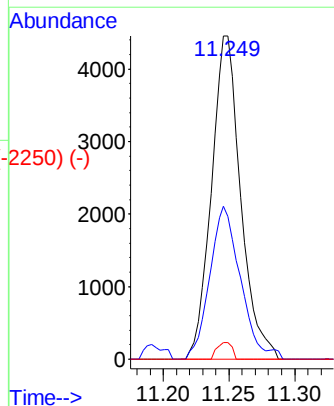
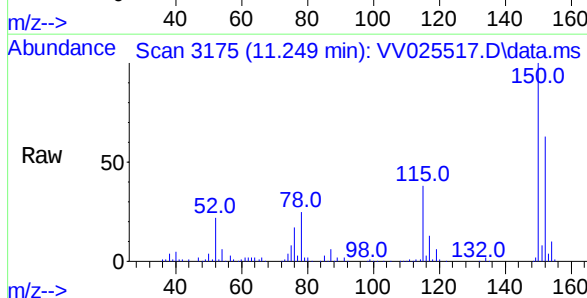
Tgt Ion: 75 Resp: 6880

Ion Ratio Lower Upper

75 100

77 49.7 25.6 38.4#

110 2.6 34.7 52.1#



Abundance Scan 2954 (10.538 min): VV025505.D\data.ms (-3562) (-)

1,3,5-Trimethylbenzene

Concen: 0.045 ug/L

RT: 10.918 min Scan# 3483

Delta R.T. 0.379 min

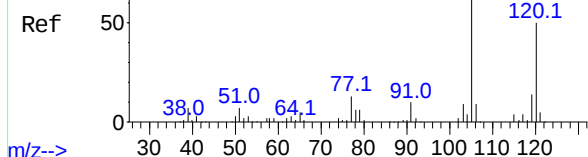
Lab File: VV025517.D

Acq: 14 Apr 2022 01:45

Instrument :

MSVOA_V

ClientSampleId :

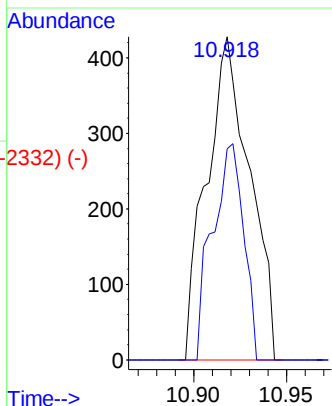
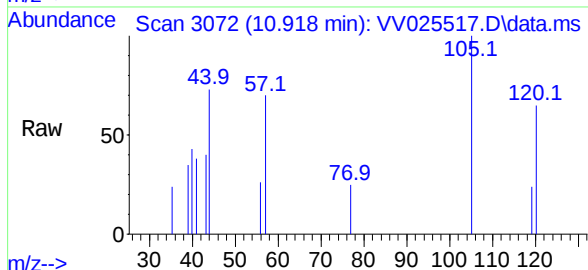


Tgt Ion:105 Resp: 692

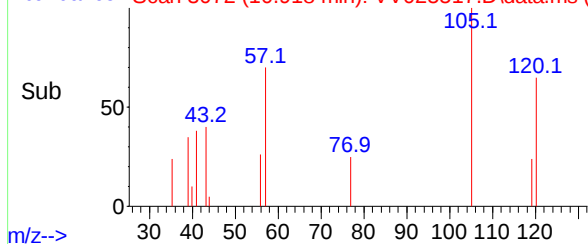
Ion Ratio Lower Upper

105 100

120 48.6 39.6 59.4



Abundance Scan 3072 (10.918 min): VV025517.D\data.ms (-2332) (-)



Abundance Scan 3541 (12.426 min): VV025505.D\data.ms (-3562) (-)

1,2-Dibromo-3-chloropropane

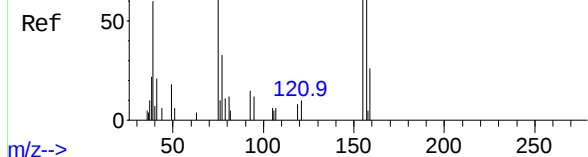
Concen: 0.633 ug/L

RT: 12.239 min Scan# 3483

Delta R.T. -0.186 min

Lab File: VV025517.D

Acq: 14 Apr 2022 01:45



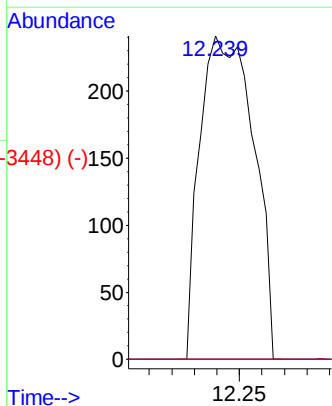
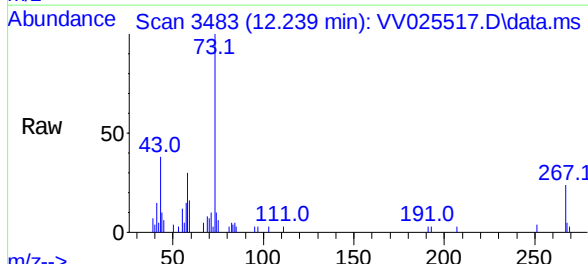
Tgt Ion: 75 Resp: 399

Ion Ratio Lower Upper

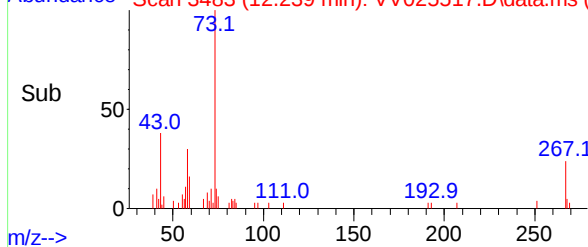
75 100

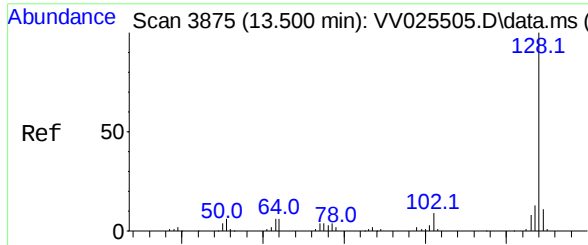
155 0.0 65.8 98.8#

157 0.0 86.6 130.0#



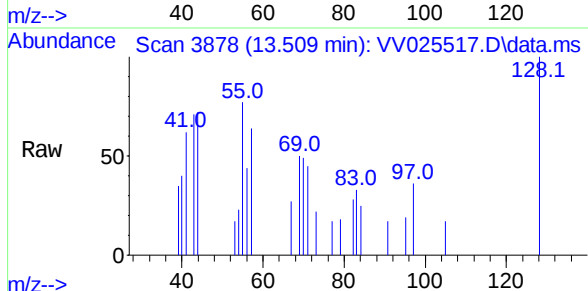
Abundance Scan 3483 (12.239 min): VV025517.D\data.ms (-3448) (-)





Naphthalene
 Concen: 0.074 ug/L
 RT: 13.509 min Scan# 1
 Delta R.T. 0.010 min
 Lab File: VV025517.D
 Acq: 14 Apr 2022 01:45

Instrument : MSVOA_V
 ClientSampleId :



Tgt Ion:	128	Resp:	1017
Ion	Ratio	Lower	Upper
128	100		
129	2.0	8.8	13.2#
127	8.9	10.4	15.6#

