

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016271.D
 Acq On : 28 May 2020 12:56
 Operator : SY/MD
 Sample : L2753-22
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:14:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	88068	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	85120	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22154	3.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.40%
7) Chloroethane-d5	1.58	69	21502	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.13	63	34035	3.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.00%
20) 2-Butanone-d5	3.94	46	72321	51.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.10%
24) Chloroform-d	4.38	84	49902	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.06	65	27974	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.08	84	97004	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
36) 1,2-Dichloropropane-d6	6.10	67	30371	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.34	98	85304	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.80%
45) trans-1,3-Dichloropropene-	7.65	79	10134	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
48) 2-Hexanone-d5	8.12	63	50482	45.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22370	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	30825	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

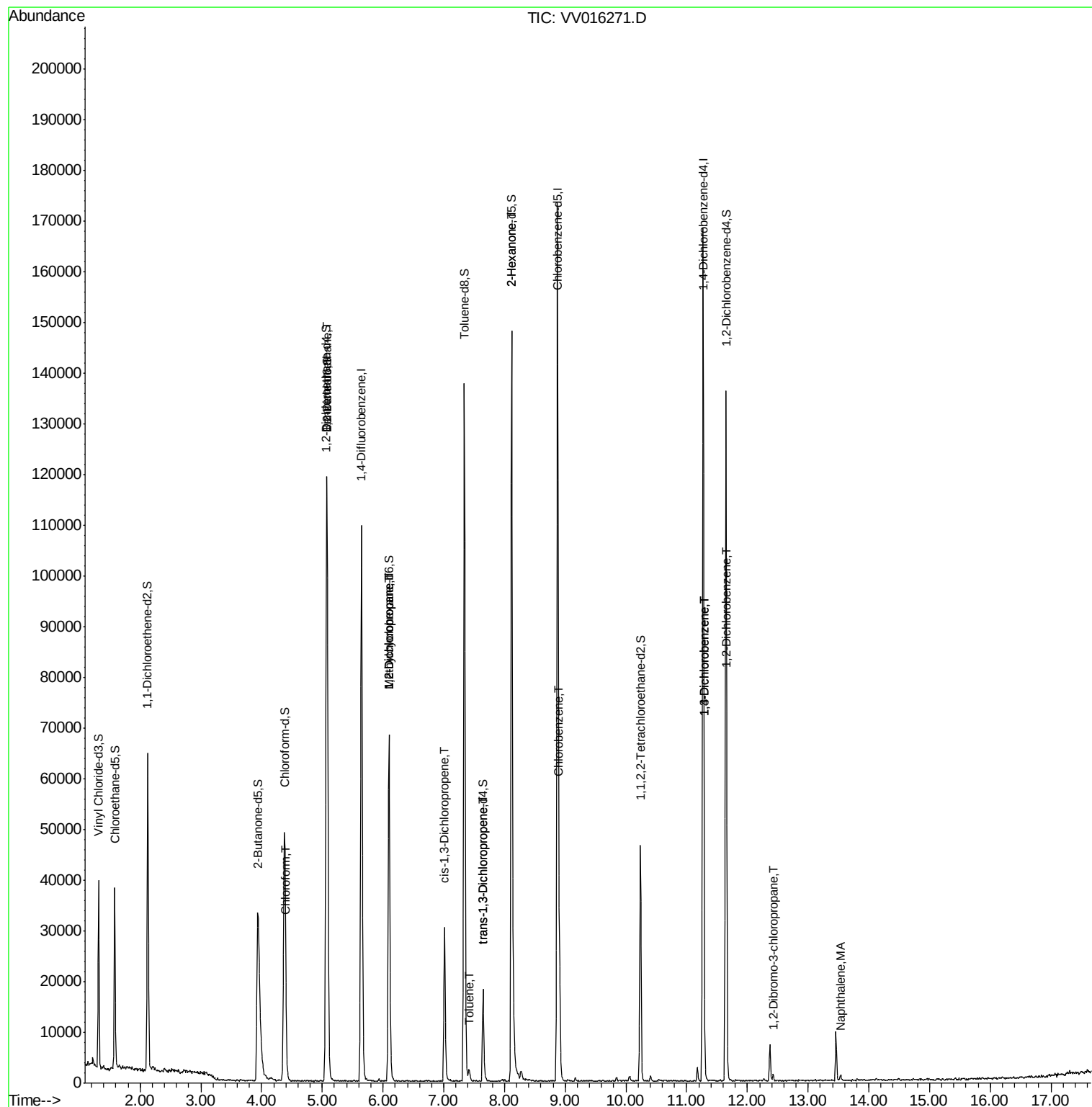
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
25) Chloroform	4.41	83	1150	0.101	ug/L	92
27) 1,2-Dichloroethane	5.07	62	753	0.101	ug/L #	79
35) Methylcyclohexane	6.10	83	7380	0.686	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3544	0.590	ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	781	0.092	ug/L #	66
42) Toluene	7.41	91	1629	0.061	ug/L	90
46) trans-1,3-Dichloropropene	7.65	75	426	0.060	ug/L	90
50) 2-Hexanone	8.12	43	7485	2.872	ug/L #	70
53) Chlorobenzene	8.90	112	12021	0.728	ug/L	94
63) 1,3-Dichlorobenzene	11.30	146	1248	0.108	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	1248	0.106	ug/L	97
66) 1,2-Dichlorobenzene	11.67	146	1010	0.097	ug/L #	82
67) 1,2-Dibromo-3-chloropropan	12.43	75	289	0.409	ug/L #	9
70) Naphthalene	13.53	128	1318	0.084	ug/L #	81

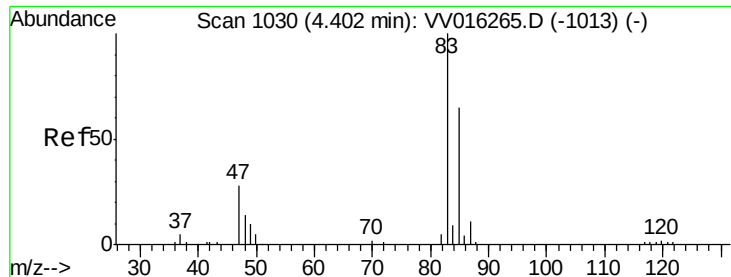
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration

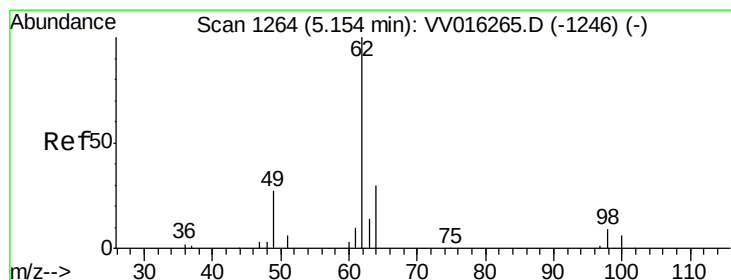
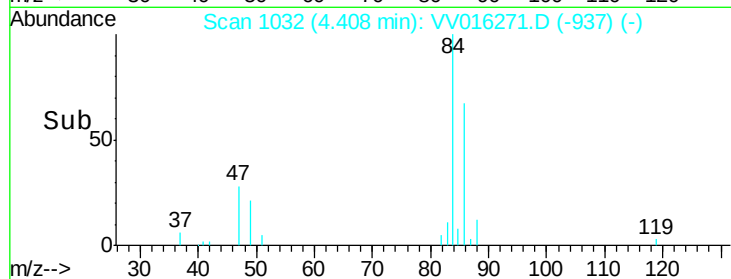
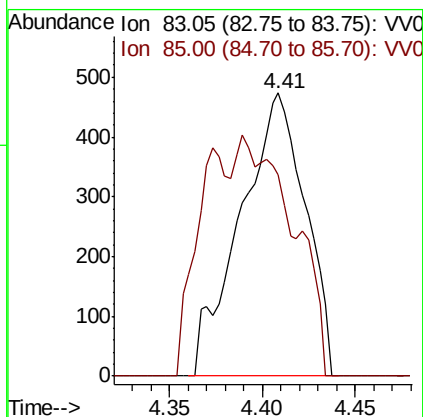
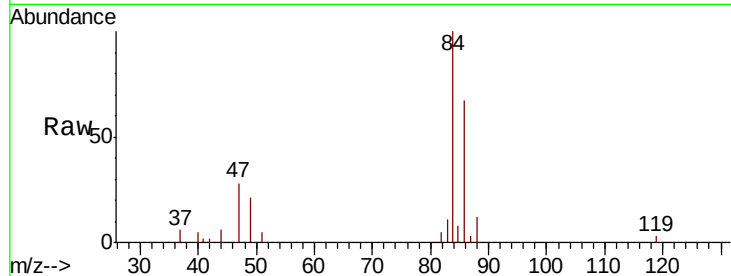




#25
Chloroform
Concen: 0.101 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016271.D
Acq: 28 May 2020 12:56

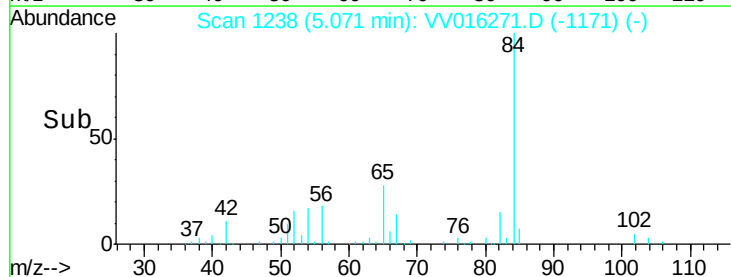
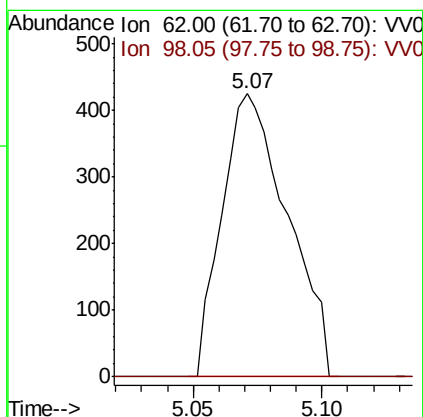
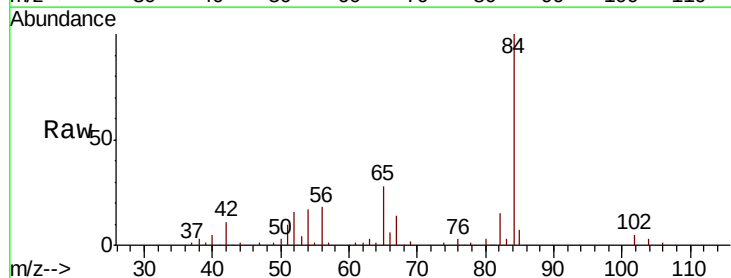
Instrument :
MSVOA_V
ClientSampled :

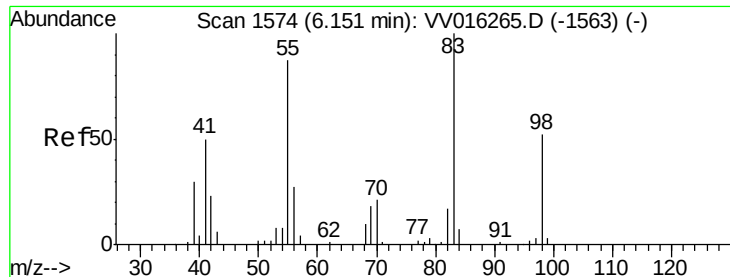
Tot Ion: 83 Resp: 1150
Ion Ratio Lower Upper
83 100
85 71.0 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.101 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.08 min
Lab File: VV016271.D
Acq: 28 May 2020 12:56

Tgt Ion: 62 Resp: 753
Ion Ratio Lower Upper
62 100
98 0.0 5.7 8.5#





#35

Methylvlcyclohexane

Concen: 0.686 ug/L

RT: 6.10 min Scan# 1559

Delta R.T. -0.05 min

Lab File: VV016271.D

Acq: 28 May 2020 12:56

Instrument :

MSVOA_V

ClientSampleId :

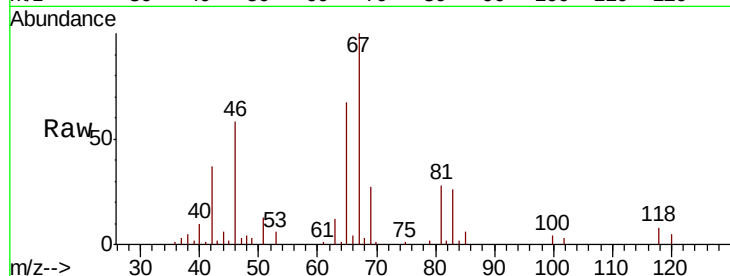
Tot Ion: 83 Resp: 7380

Ion Ratio Lower Upper

83 100

55 0.0 65.4 98.0#

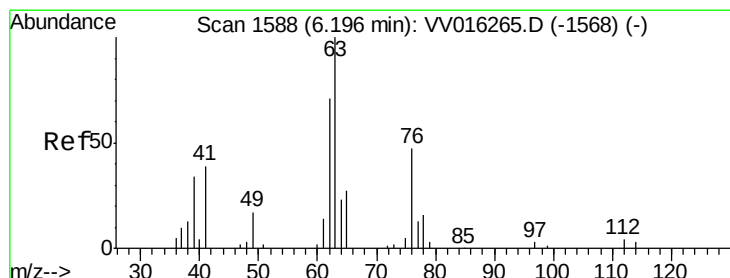
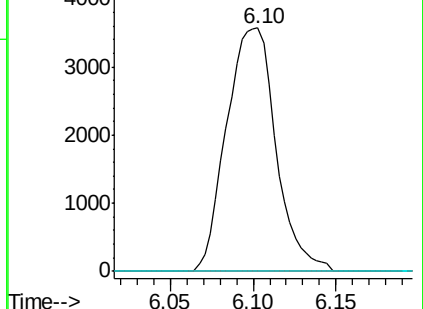
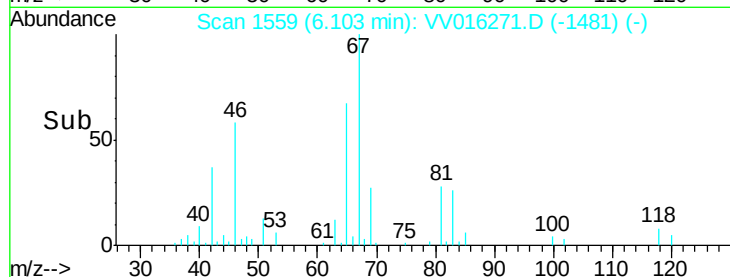
98 0.6 39.3 58.9#



Abundance Ion 83.15 (82.85 to 83.85): VV016271.D (-1481) (-)

Ion 55.10 (54.80 to 55.80): VV016271.D (-1481) (-)

Ion 98.15 (97.85 to 98.85): VV016271.D (-1481) (-)



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV016271.D

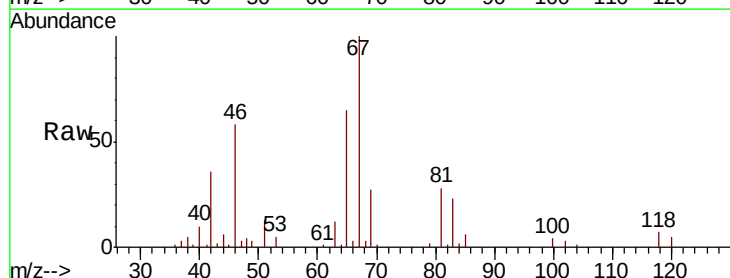
Acq: 28 May 2020 12:56

Tgt Ion: 63 Resp: 3544

Ion Ratio Lower Upper

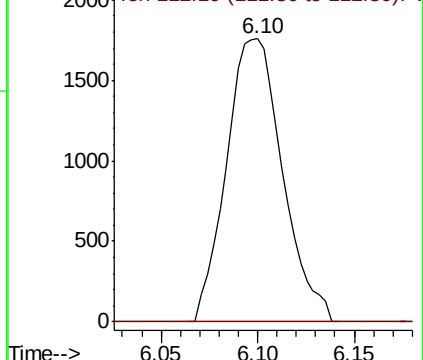
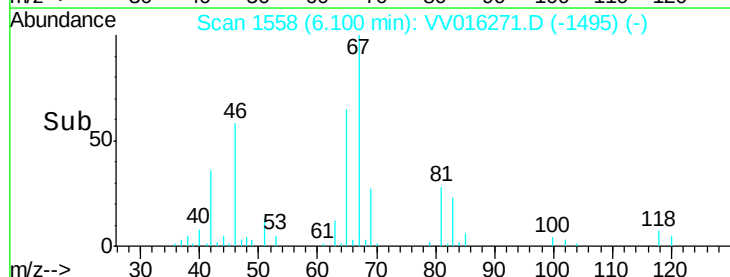
63 100

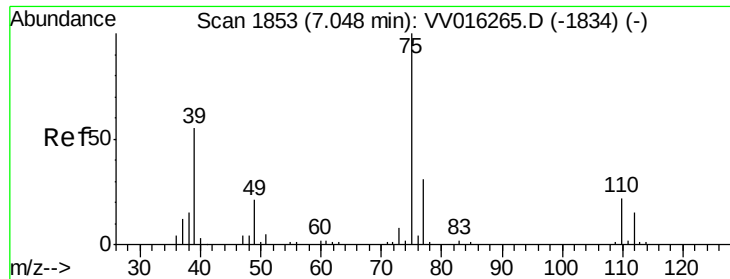
112 0.0 3.1 4.7#



Abundance Ion 63.10 (62.80 to 63.80): VV016271.D (-1495) (-)

Ion 112.10 (111.80 to 112.80): VV016271.D (-1495) (-)

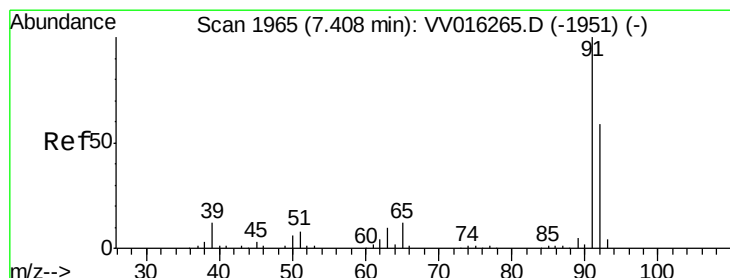
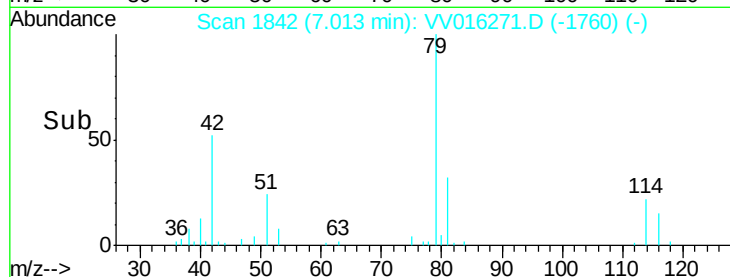
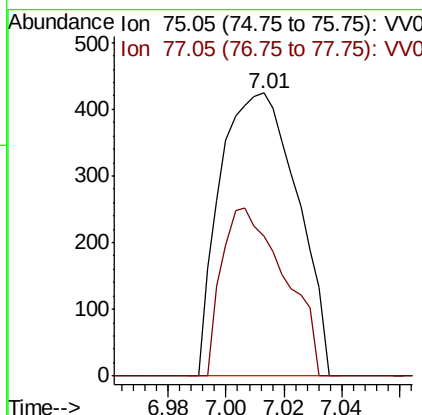
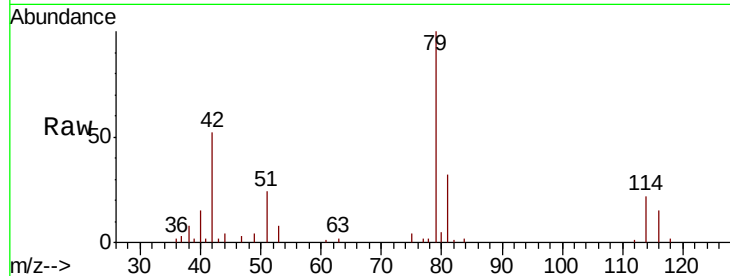




#39
 cis-1,3-Dichloropropene
 Concen: 0.092 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016271.D
 Acq: 28 May 2020 12:56

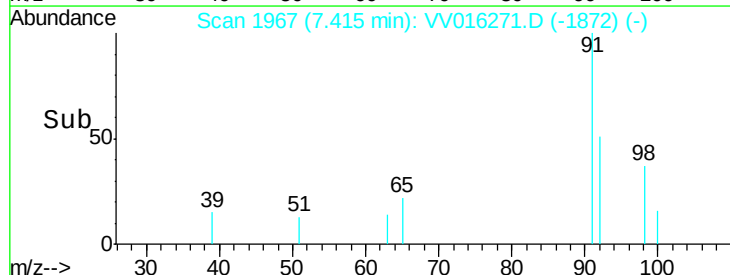
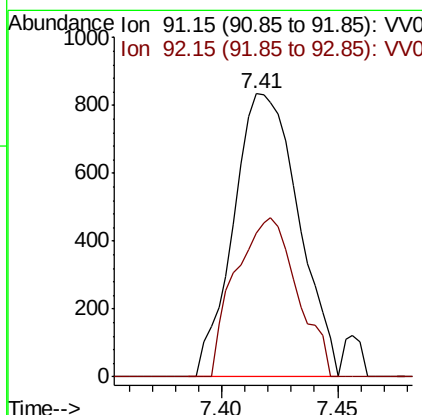
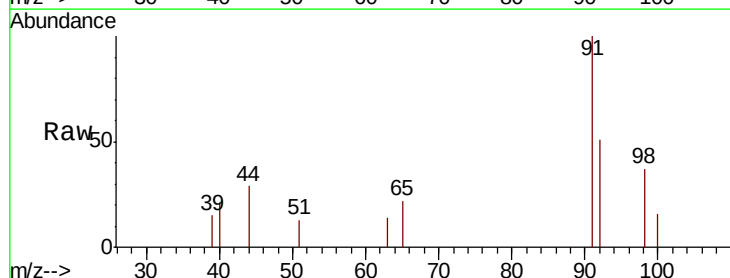
Instrument :
 MSVOA_V
 ClientSampled :

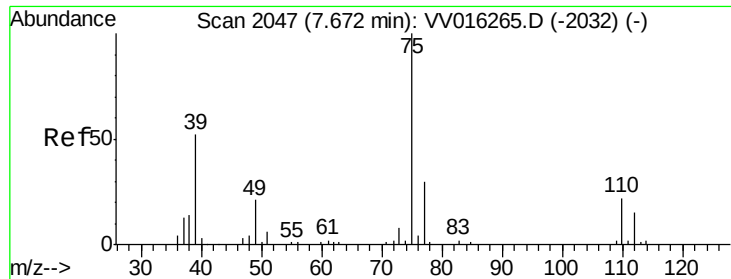
Tot Ion: 75 Resp: 781
 Ion Ratio Lower Upper
 75 100
 77 49.5 21.7 40.3#



#42
 Toluene
 Concen: 0.061 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV016271.D
 Acq: 28 May 2020 12:56

Tgt Ion: 91 Resp: 1629
 Ion Ratio Lower Upper
 91 100
 92 50.7 40.9 76.0

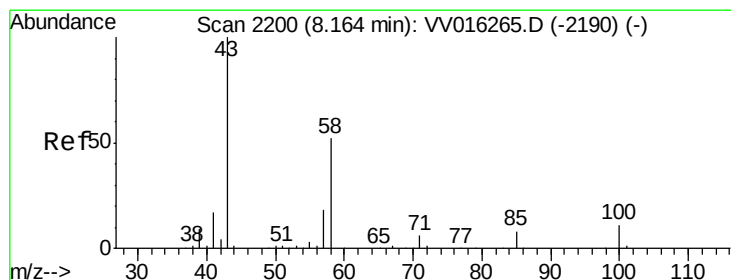
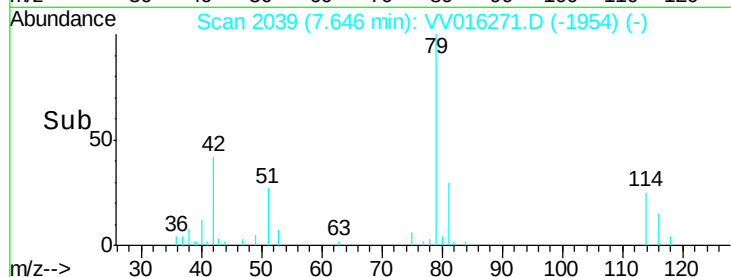
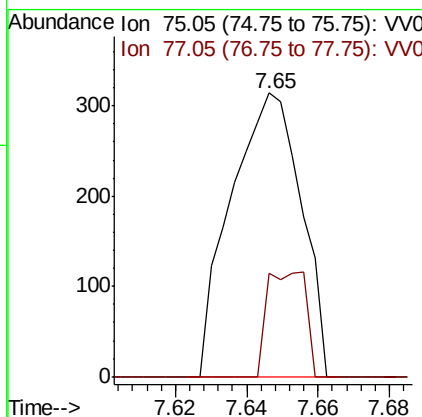
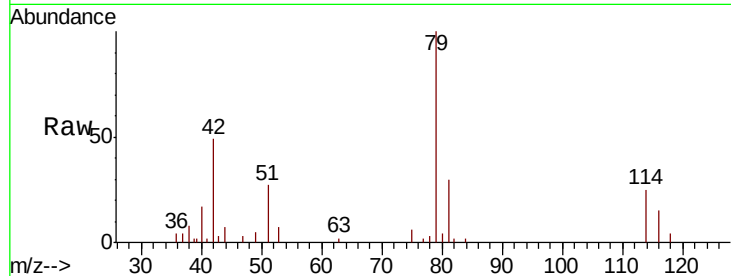




#46
trans-1,3-Dichloropropene
Concen: 0.060 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV016271.D
Acq: 28 May 2020 12:56

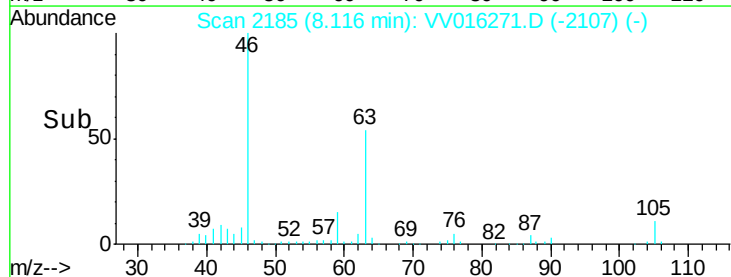
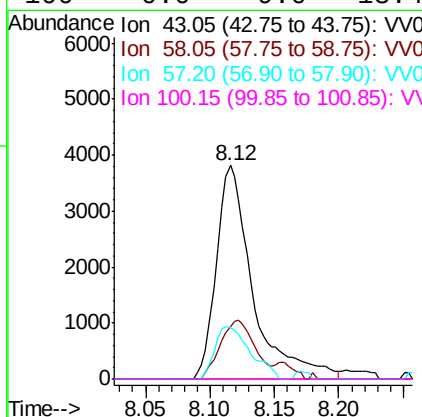
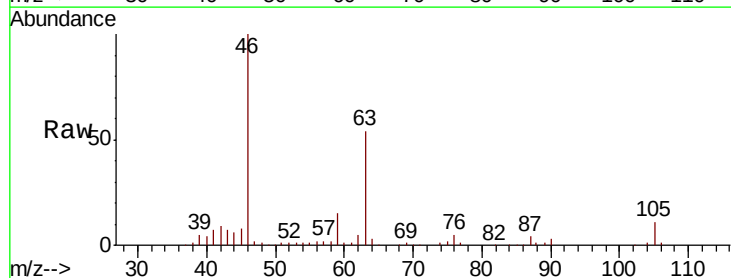
Instrument :
MSVOA_V
ClientSampleId :

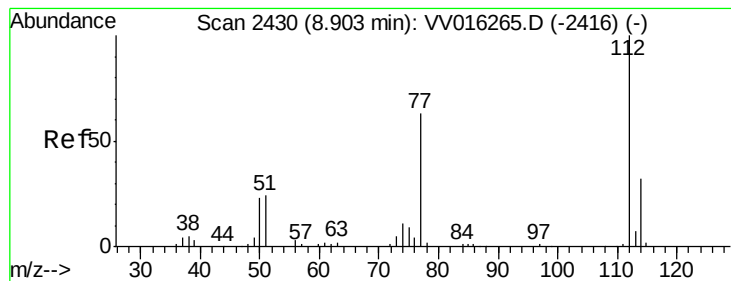
Tot Ion: 75 Resp: 426
Ion Ratio Lower Upper
75 100
77 36.6 21.7 40.3



#50
2-Hexanone
Concen: 2.872 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016271.D
Acq: 28 May 2020 12:56

Tgt Ion: 43 Resp: 7485
Ion Ratio Lower Upper
43 100
58 25.9 41.4 62.0#
57 23.8 15.0 22.4#
100 0.0 9.0 13.4#





#53

Chlorobenzene

Concen: 0.728 ug/L

RT: 8.90 min Scan# 2430

Delta R.T. -0.00 min

Lab File: VV016271.D

Acq: 28 May 2020 12:56

Instrument :
MSVOA_V
ClientSampled :

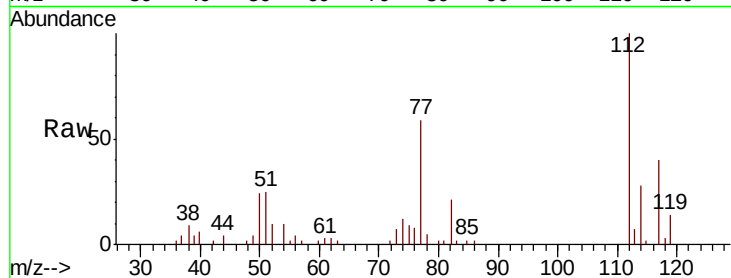
Tot Ion:112 Resp: 12021

Ion Ratio Lower Upper

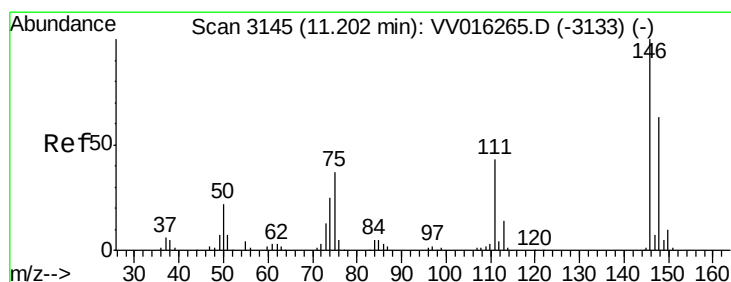
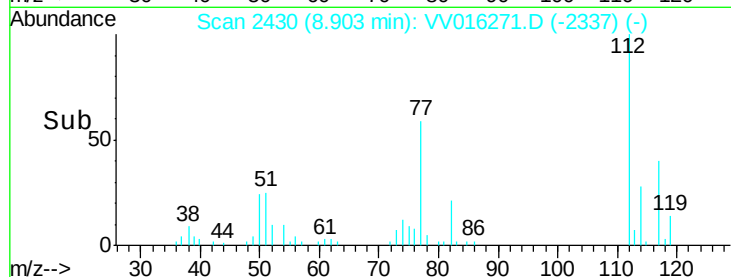
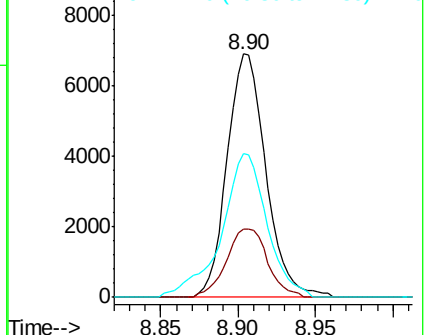
112 100

114 27.9 22.3 41.3

77 58.9 50.7 76.1



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#63

1,3-Dichlorobenzene

Concen: 0.108 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.09 min

Lab File: VV016271.D

Acq: 28 May 2020 12:56

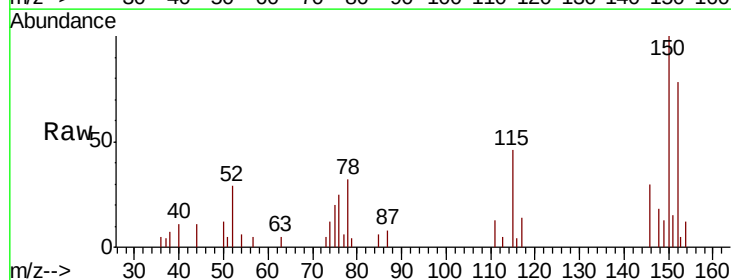
Tgt Ion:146 Resp: 1248

Ion Ratio Lower Upper

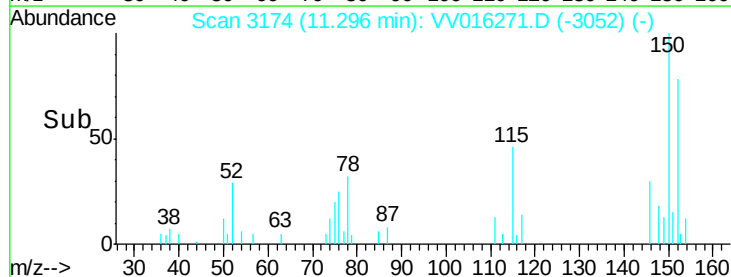
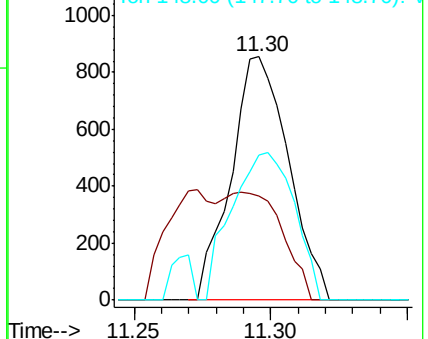
146 100

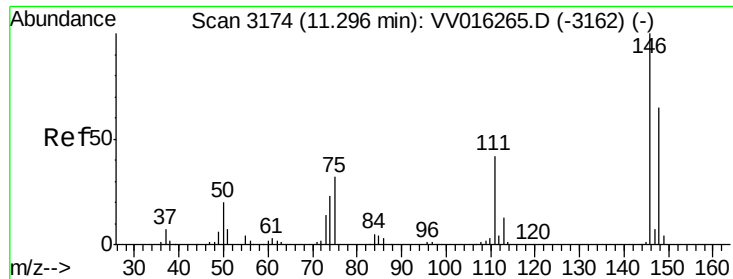
111 42.5 29.7 55.1

148 59.5 45.9 85.3



Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V





#64

1,4-Dichlorobenzene

Concen: 0.106 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. -0.00 min

Lab File: VV016271.D

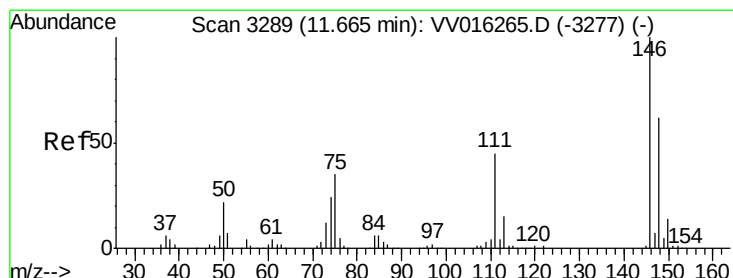
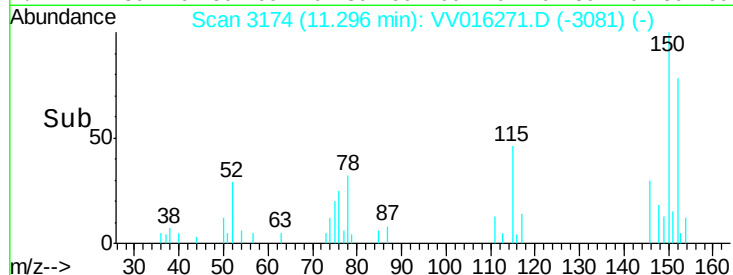
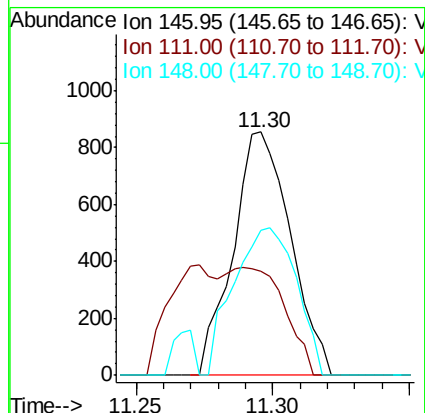
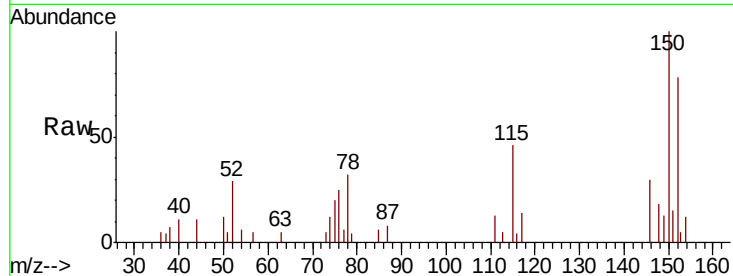
Acq: 28 May 2020 12:56

Instrument :

MSVOA_V

ClientSampled :

Tot Ion:	146	Resp:	1248
Ion	Ratio	Lower	Upper
146	100		
111	42.5	28.3	52.7
148	59.5	43.3	80.3



#66

1,2-Dichlorobenzene

Concen: 0.097 ug/L

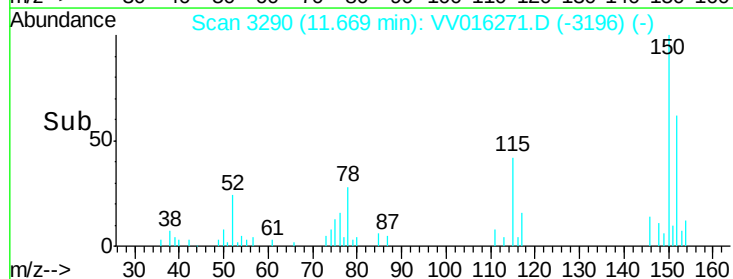
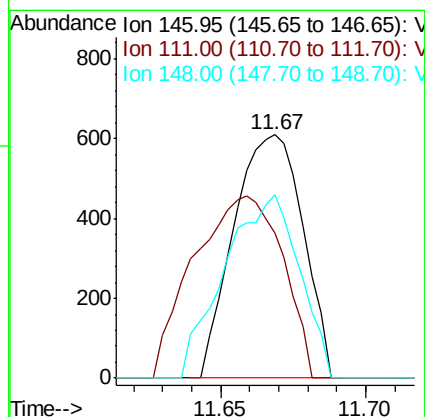
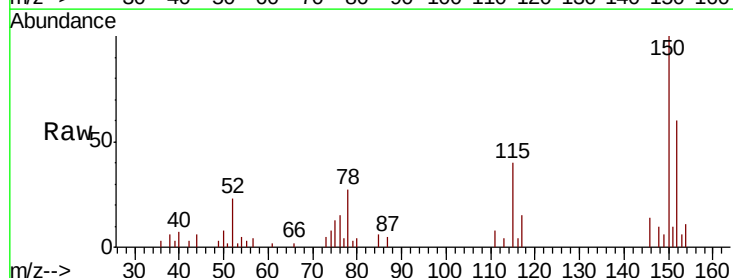
RT: 11.67 min Scan# 3290

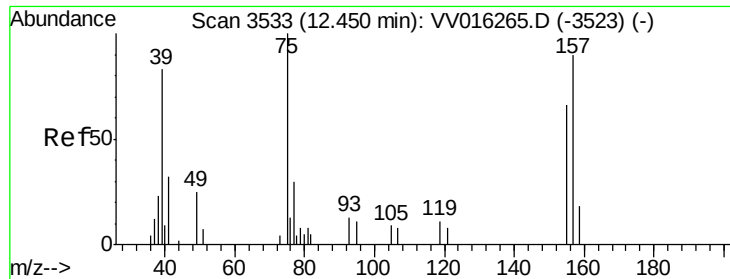
Delta R.T. 0.00 min

Lab File: VV016271.D

Acq: 28 May 2020 12:56

Tgt Ion:	146	Resp:	1010
Ion	Ratio	Lower	Upper
146	100		
111	59.3	35.7	53.5#
148	75.2	51.3	76.9

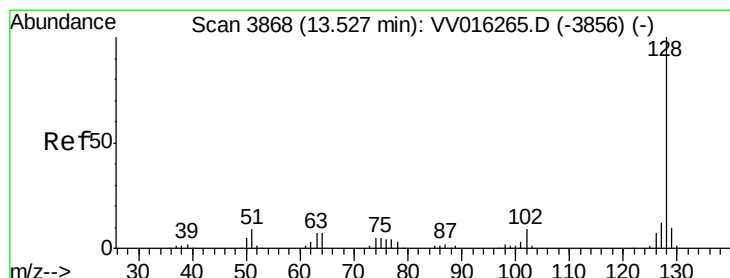
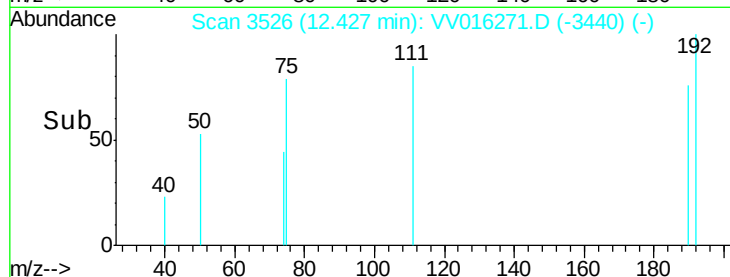
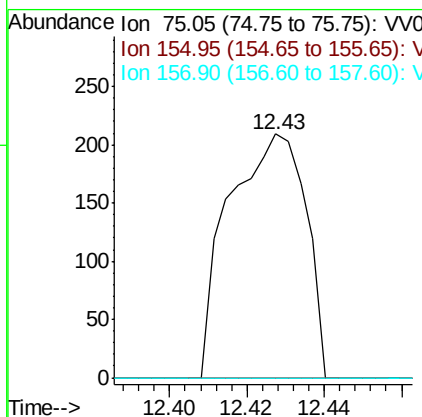
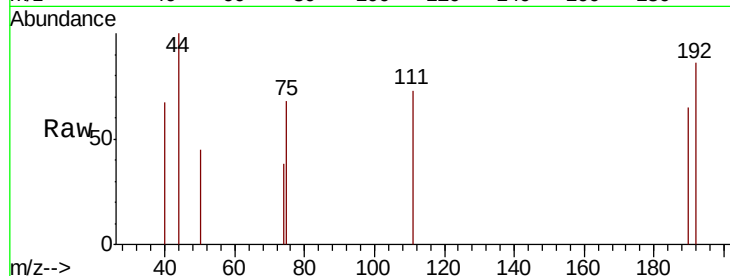




#67
 1,2-Dibromo-3-chloropropane
 Concen: 0.409 ug/L
 RT: 12.43 min Scan# 3526
 Delta R.T. -0.02 min
 Lab File: VV016271.D
 Acq: 28 May 2020 12:56

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 75 Resp: 289
 Ion Ratio Lower Upper
 75 100
 155 0.0 56.2 84.4#
 157 0.0 71.9 107.9#



#70
 Naphthalene
 Concen: 0.084 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV016271.D
 Acq: 28 May 2020 12:56

Tgt Ion: 128 Resp: 1318
 Ion Ratio Lower Upper
 128 100
 129 1.4 8.6 13.0#
 127 7.2 10.6 15.8#

