

Data File : VV012475.D
Acq On : 31 Aug 2019 03:12
Operator : SY/MD
Sample : K4607-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD60

Quant Time: Aug 31 05:17:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 05:14:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	142383	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151113	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43422	3.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	68.40%
7) Chloroethane-d5	1.59	69	34826	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.13	63	55347	2.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.20%#
20) 2-Butanone-d5	3.94	46	99941	38.64	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.28%
24) Chloroform-d	4.40	84	74948	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.80%#
26) 1,2-Dichloroethane-d4	5.08	65	52468	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	160999	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
36) 1,2-Dichloropropane-d6	6.12	67	57583	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.36	98	129114	3.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.40%#
43) trans-1,3-Dichloropropene-	7.66	79	18039	3.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.20%
46) 2-Hexanone-d5	8.14	63	69668	35.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	49517	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	51504	4.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.00%

Target Compounds

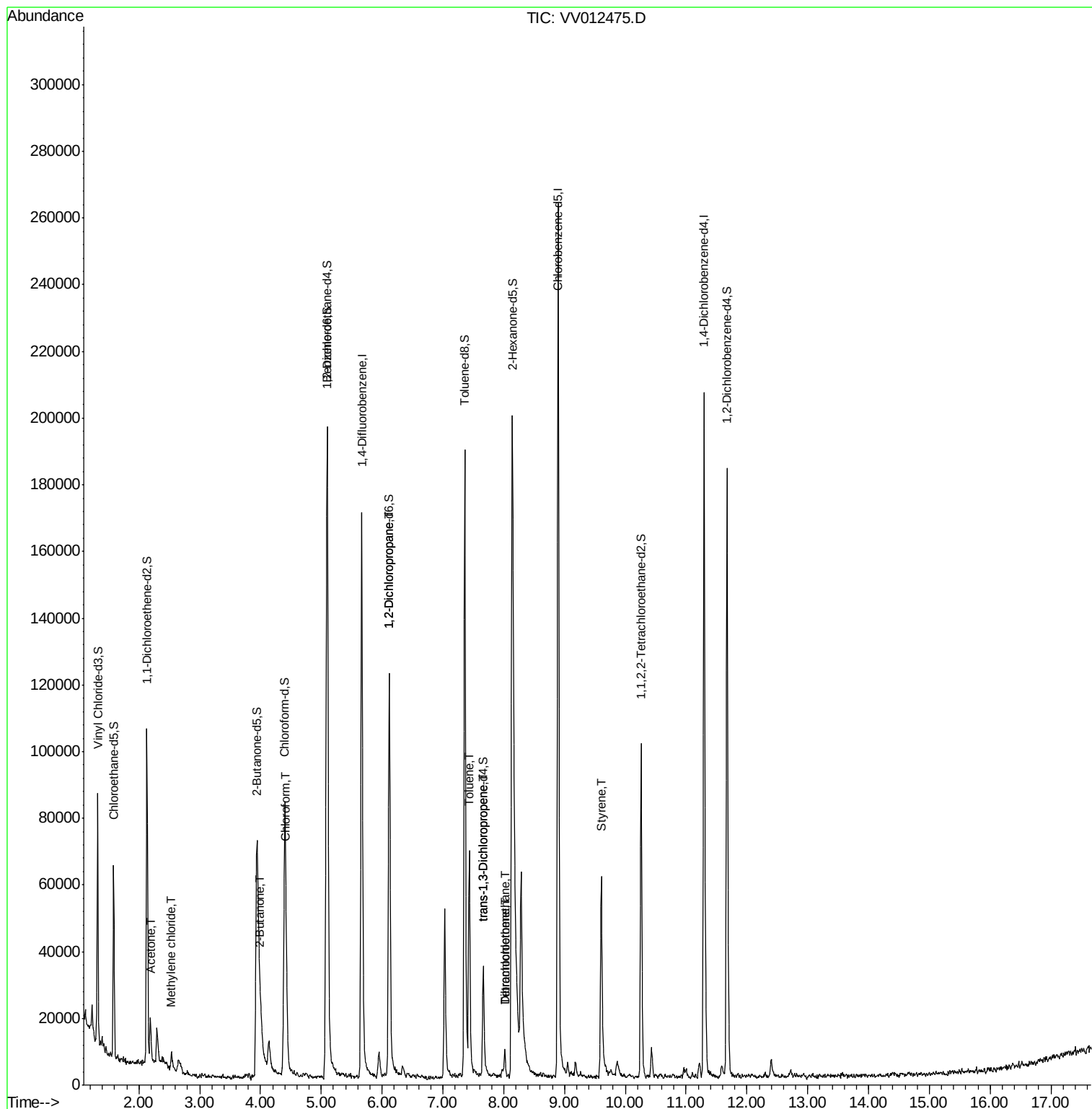
					Qvalue
13) Acetone	2.19	43	13546	7.168	ug/L 97
16) Methylene chloride	2.54	84	1657	0.134	ug/L 93
21) 2-Butanone	4.00	43	9550	2.749	ug/L # 60
25) Chloroform	4.43	83	13994	0.494	ug/L 97
37) 1,2-Dichloropropane	6.12	63	6425	0.394	ug/L # 88
42) Toluene	7.43	91	46638	0.728	ug/L 99
44) trans-1,3-Dichloropropene	7.67	75	1044	0.064	ug/L # 82
47) Tetrachloroethene	8.02	164	1524	0.119	ug/L 93
49) Dibromochloromethane	8.02	129	1405	0.113	ug/L # 11
55) Styrene	9.60	104	27559	0.678	ug/L 97

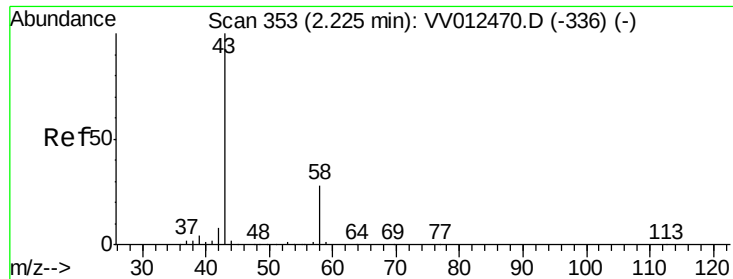
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.168 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.04 min

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Acq: 31 Aug 2019 03:12

Instrument :

MSVOA_V

ClientSampleId :

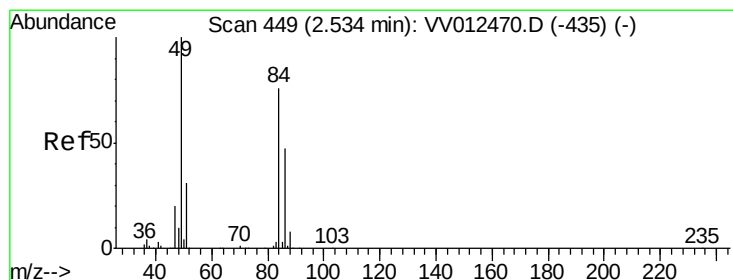
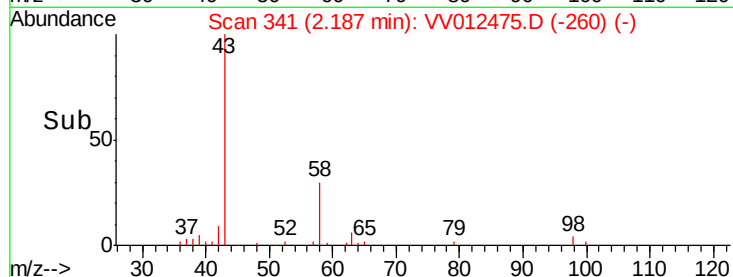
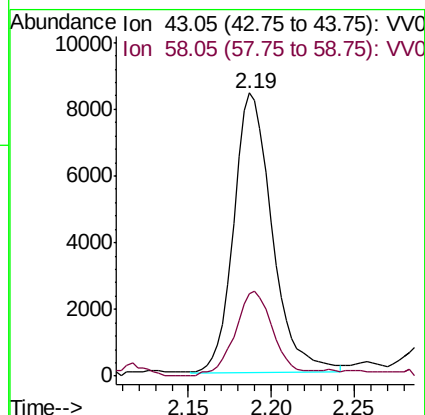
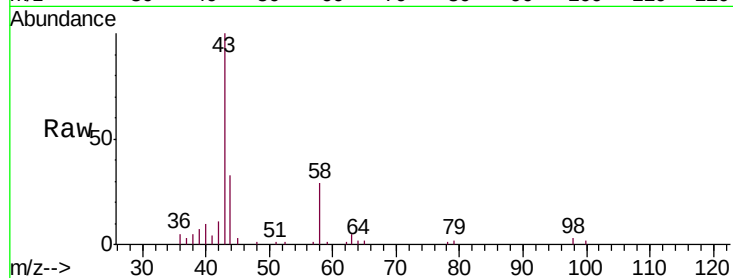
BFD60

Tgt Ion: 43 Resp: 13546

Ion Ratio Lower Upper

43 100

58 30.1 0.0 56.8



#16

Methylene chloride

Concen: 0.134 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV012475.D

Acq: 31 Aug 2019 03:12

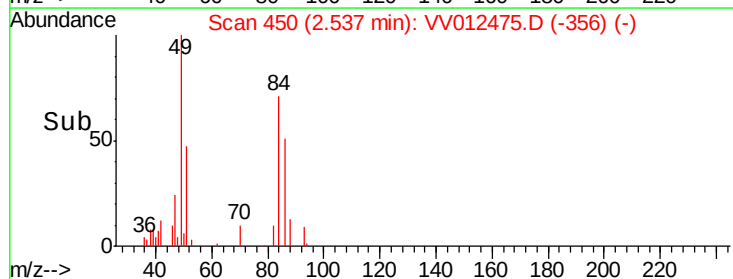
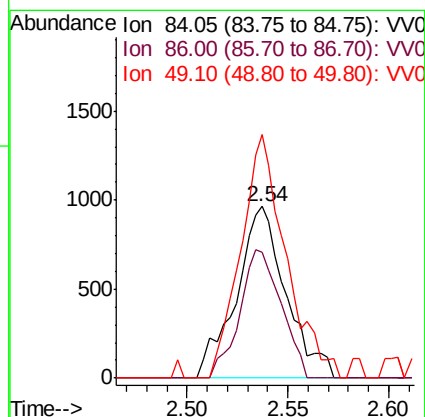
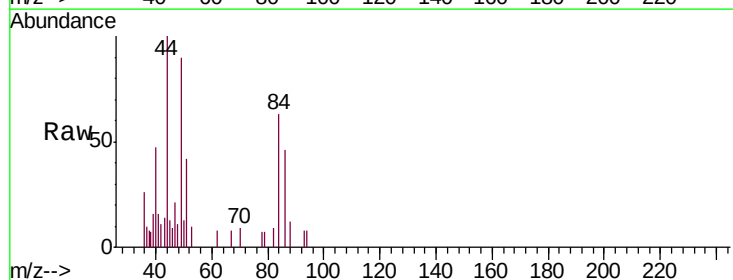
Tgt Ion: 84 Resp: 1657

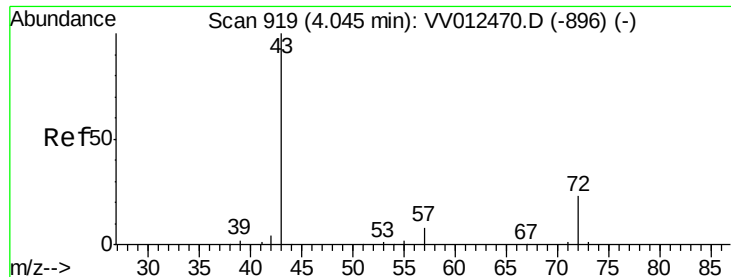
Ion Ratio Lower Upper

84 100

86 73.0 45.2 84.0

49 141.8 95.1 176.7





#21

2-Butanone

Concen: 2.749 ug/L

RT: 4.00 min Scan# 906

Delta R.T. -0.04 min

Lab File: VV012475.D

Acq: 31 Aug 2019 03:12

Instrument :

MSVOA_V

ClientSampleId :

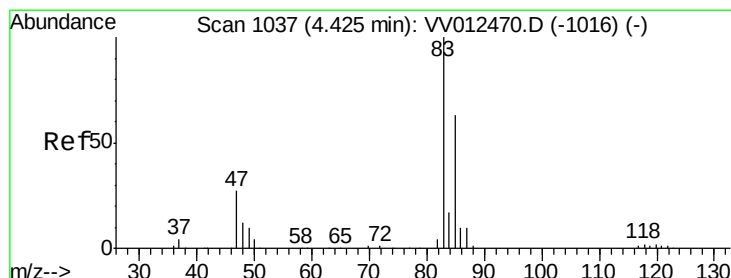
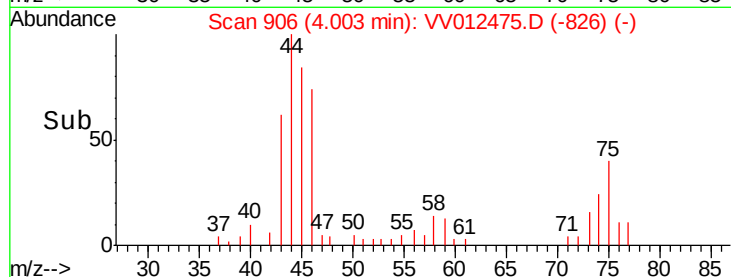
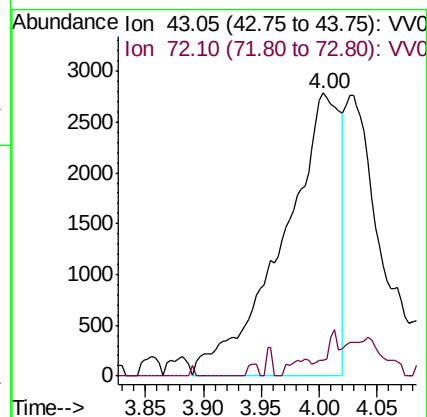
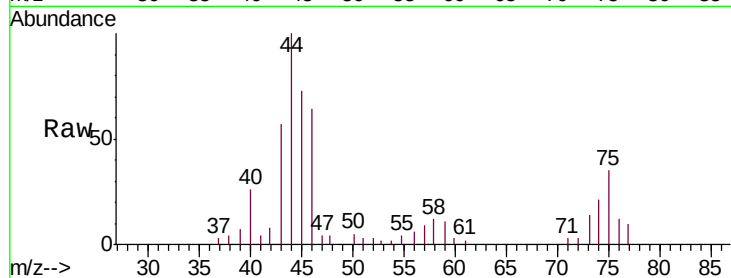
BFD60

Tgt Ion: 43 Resp: 9550

Ion Ratio Lower Upper

43 100

72 4.0 11.8 35.3#



#25

Chloroform

Concen: 0.494 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.00 min

Lab File: VV012475.D

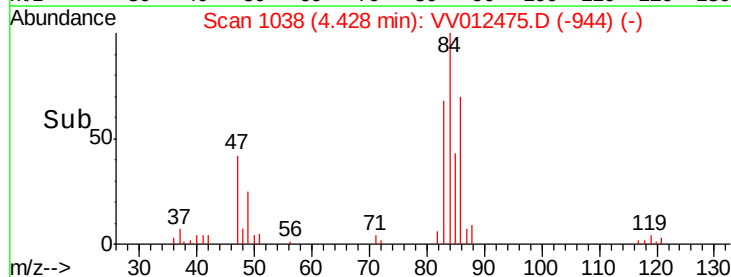
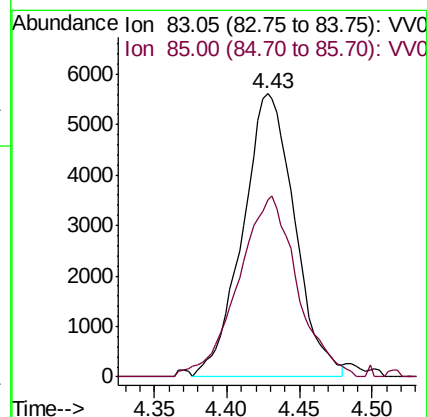
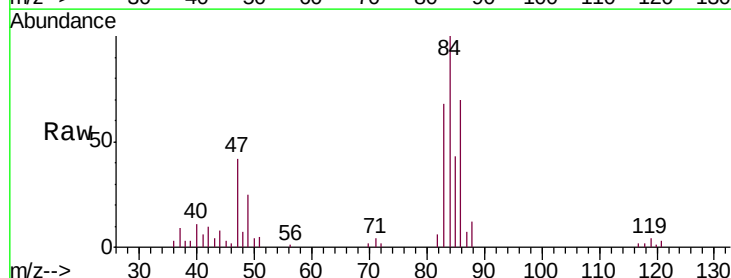
Acq: 31 Aug 2019 03:12

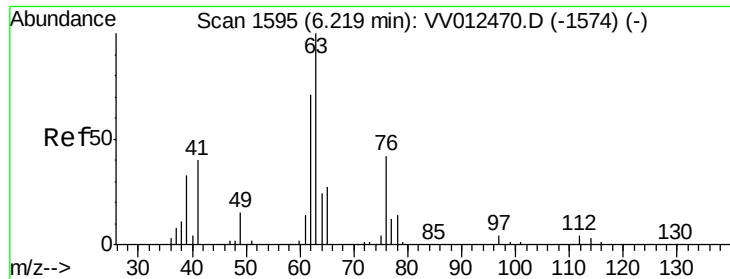
Tgt Ion: 83 Resp: 13994

Ion Ratio Lower Upper

83 100

85 62.8 45.4 84.4

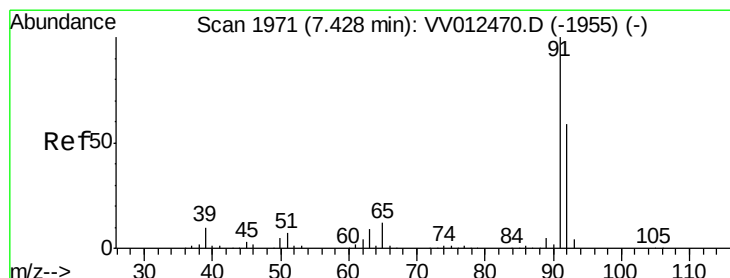
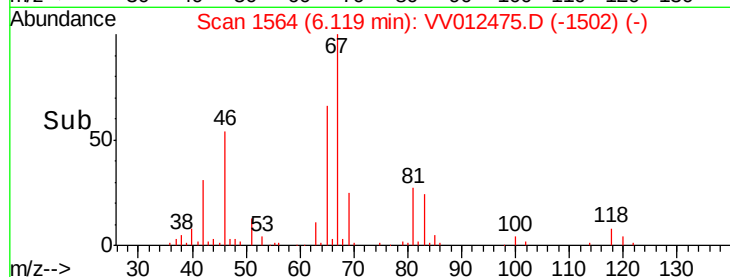
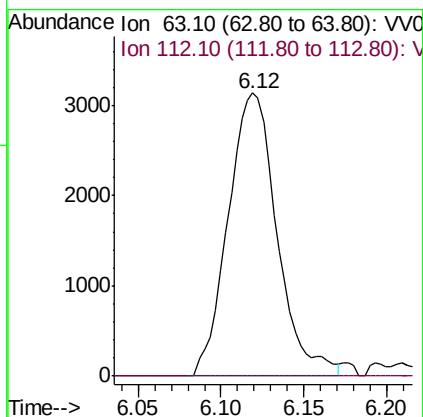
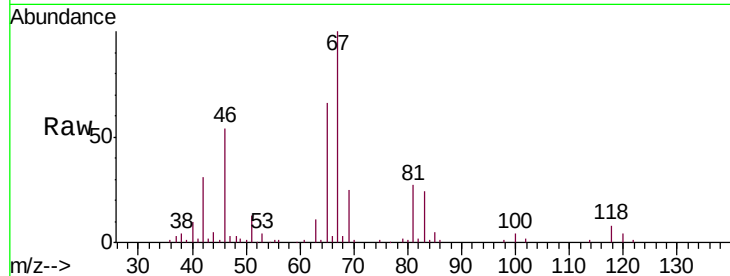




#37
 1,2-Dichloropropane
 Concen: 0.394 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV012475.D
 Acq: 31 Aug 2019 03:12

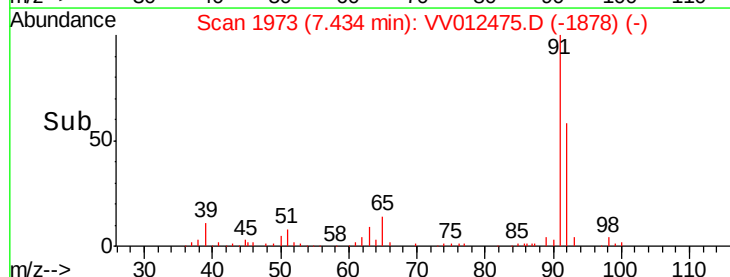
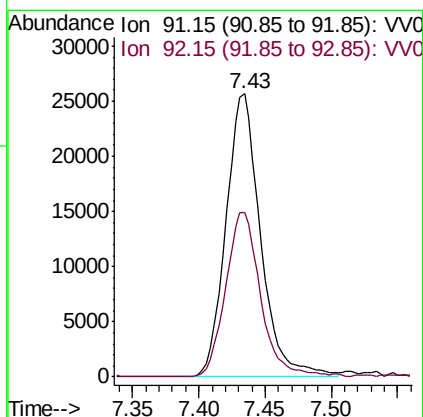
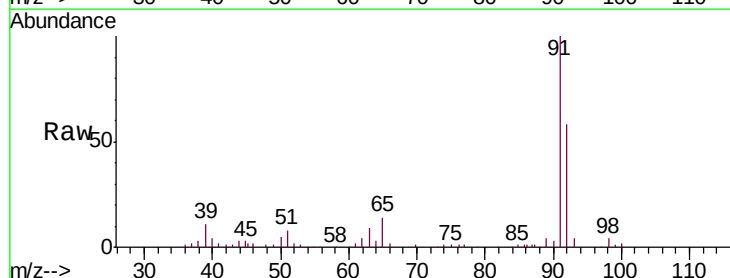
Instrument :
 MSVOA_V
 ClientSampleId :
 BFD60

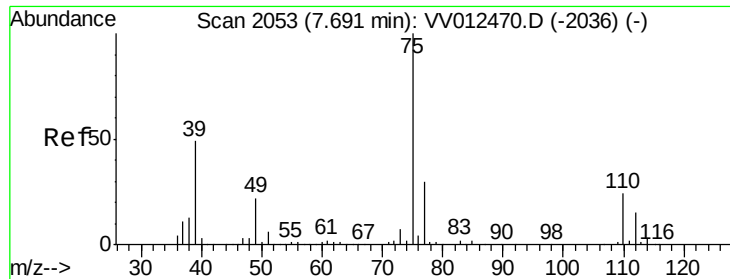
Tgt Ion: 63 Resp: 6425
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#42
 Toluene
 Concen: 0.728 ug/L
 RT: 7.43 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VV012475.D
 Acq: 31 Aug 2019 03:12

Tgt Ion: 91 Resp: 46638
 Ion Ratio Lower Upper
 91 100
 92 58.3 41.2 76.6





#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.02 min

Lab File: VV012475.D

Acq: 31 Aug 2019 03:12

Instrument :

MSVOA_V

ClientSampleId :

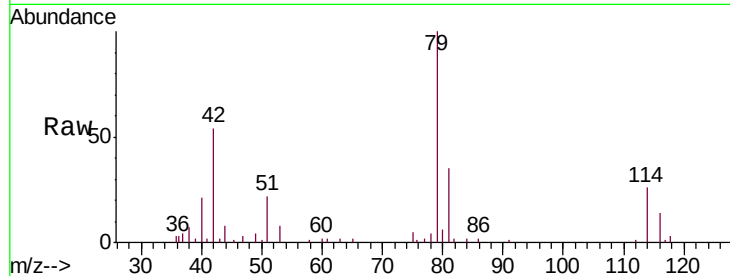
BFD60

Tgt Ion: 75 Resp: 1044

Ion Ratio Lower Upper

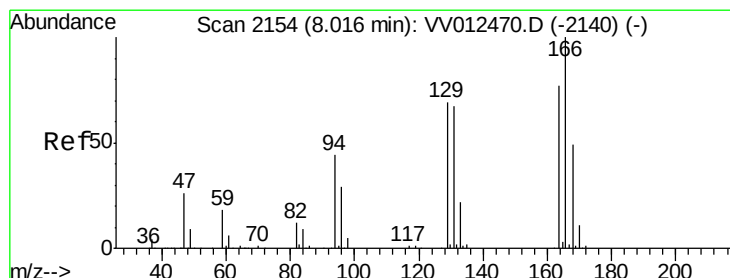
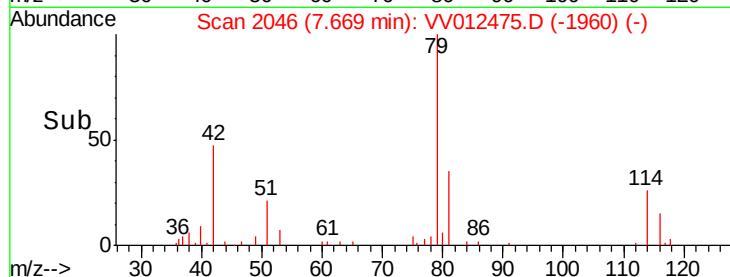
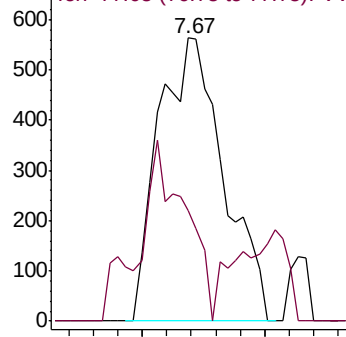
75 100

77 39.3 20.6 38.4#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#47

Tetrachloroethene

Concen: 0.119 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012475.D

Acq: 31 Aug 2019 03:12

Tgt Ion: 164 Resp: 1524

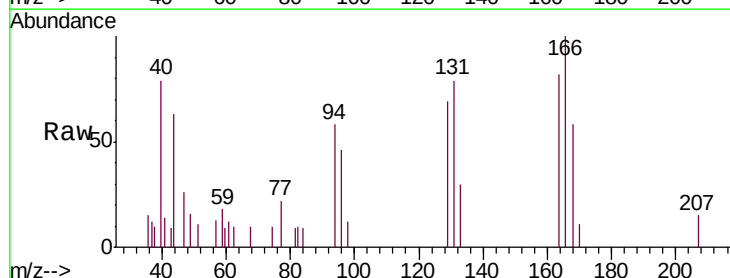
Ion Ratio Lower Upper

164 100

129 83.4 65.6 121.8

131 95.9 63.3 117.5

166 121.7 89.4 166.0

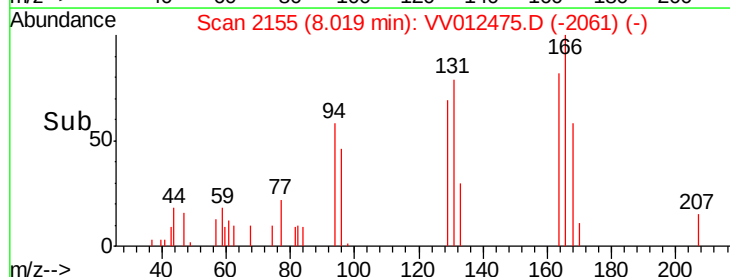
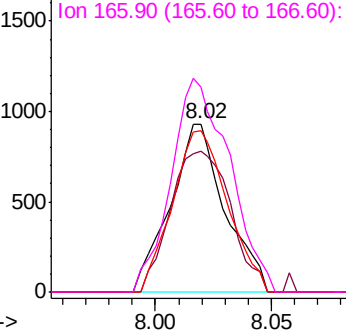


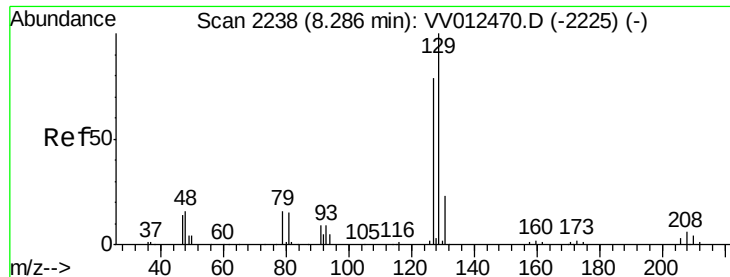
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

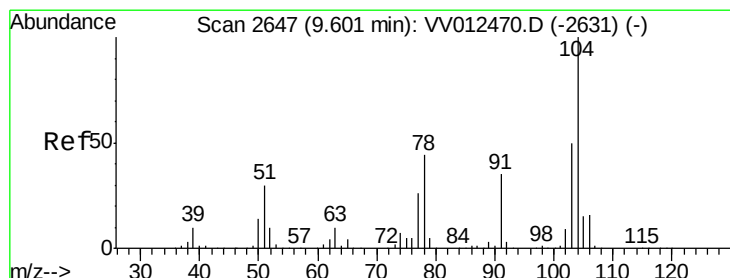
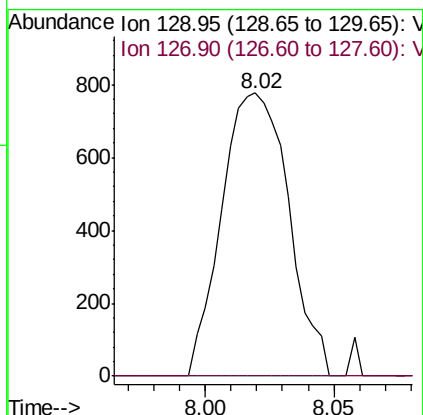
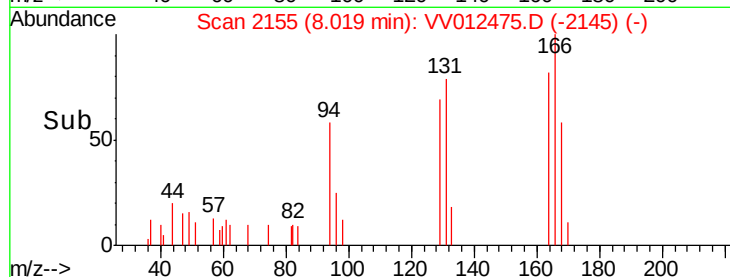
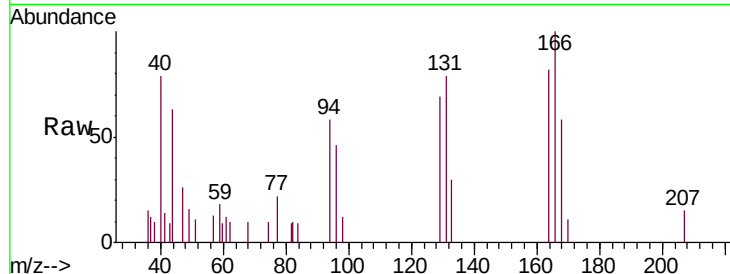




#49
Dibromochloromethane
Concen: 0.113 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012475.D
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Instrument :
MSVOA_V
ClientSampleId :
BFD60

Tgt Ion:129 Resp: 1405
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#



#55
Styrene
Concen: 0.678 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012475.D
Acq: 31 Aug 2019 03:12

Tgt Ion:104 Resp: 27559
Ion Ratio Lower Upper
104 100
78 43.5 31.8 59.0

