

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015469.D
 Acq On : 14 Apr 2020 18:26
 Operator : SY/MD
 Sample : L2273-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ89

Quant Time: Apr 15 02:24:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	113619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	108519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52675	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	33580	5.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.80%
7) Chloroethane-d5	1.58	69	28445	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	2.12	63	45086	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.93	46	79315	47.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.84%
24) Chloroform-d	4.38	84	61469	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	33329	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.08	84	123450	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.10	67	38484	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.34	98	115166	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.65	79	15542	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.11	63	64297	40.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.76%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26238	4.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41988	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

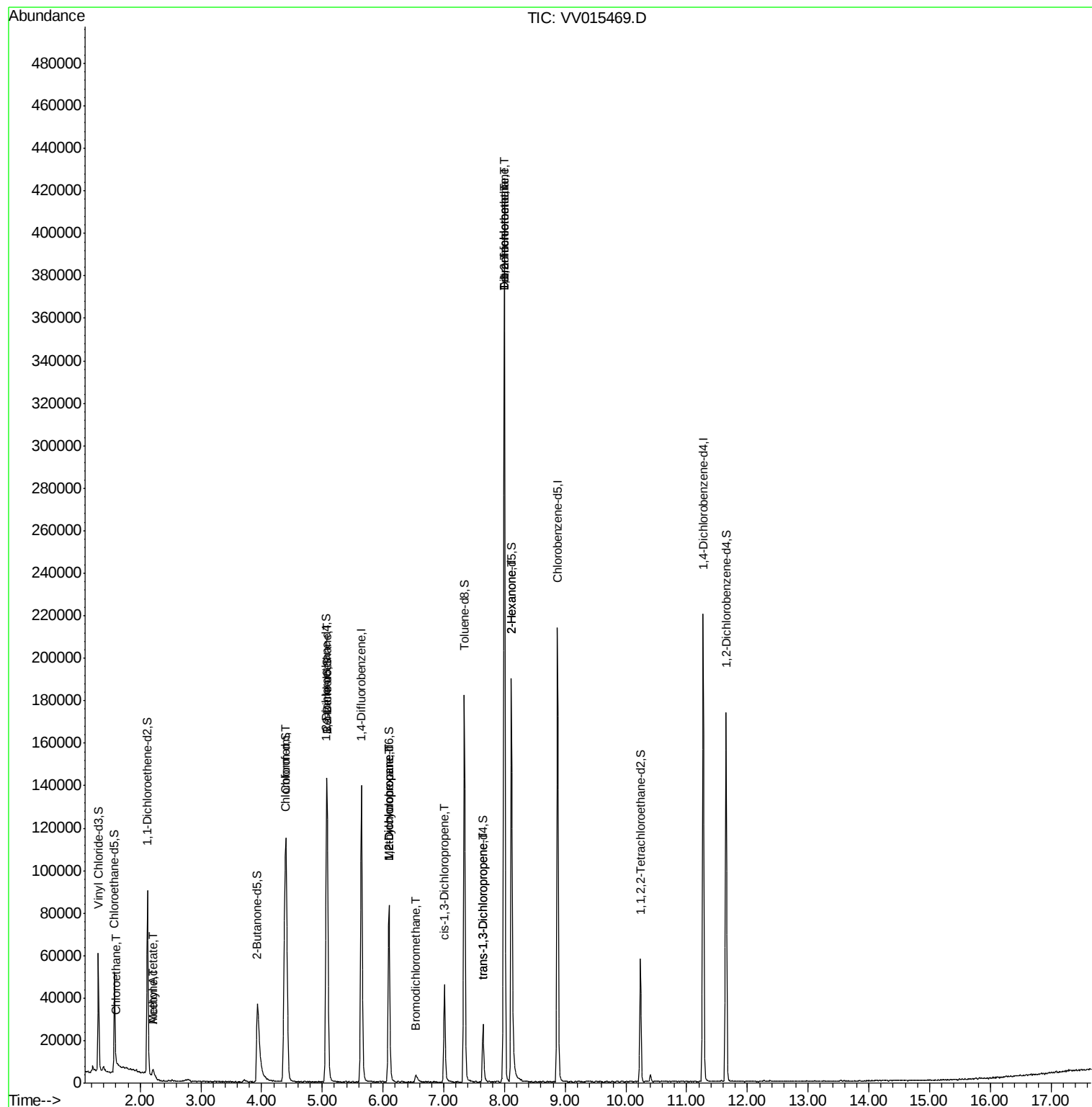
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.61	64	5779	0.966	ug/L #	53
13) Acetone	2.21	43	9418	8.053	ug/L #	54
15) Methyl Acetate	2.21	43	9388	2.713	ug/L #	57
25) Chloroform	4.41	83	91466	5.899	ug/L	99
27) 1,2-Dichloroethane	5.08	62	915	0.091	ug/L #	77
35) Methylcyclohexane	6.10	83	9603	0.652	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4501	0.559	ug/L #	86
38) Bromodichloromethane	6.54	83	2237	0.208	ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	1133	0.092	ug/L #	60
44) trans-1,3-Dichloropropene	7.65	75	670	0.064	ug/L #	78
45) 1,1,2-Trichloroethane	7.99	97	782	0.144	ug/L #	27
47) Tetrachloroethene	8.00	164	86777	13.398	ug/L	98
48) 2-Hexanone	8.12	43	10131	2.741	ug/L #	75
49) Dibromochloromethane	8.00	129	83117	12.814	ug/L #	10

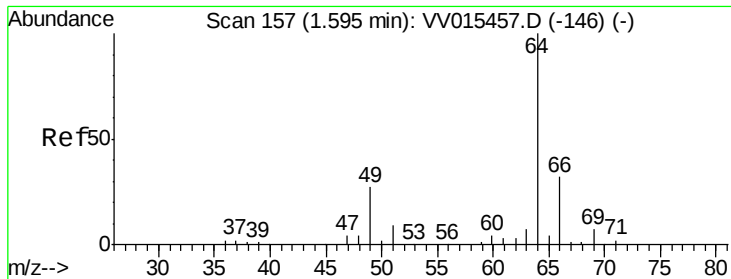
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041420\
Data File : VV015469.D
Acq On : 14 Apr 2020 18:26
Operator : SY/MD
Sample : L2273-11
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAQ89

Quant Time: Apr 15 02:24:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.966 ug/L

RT: 1.61 min Scan# 162

Delta R.T. 0.02 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

Instrument :

MSVOA_V

ClientSampleId :

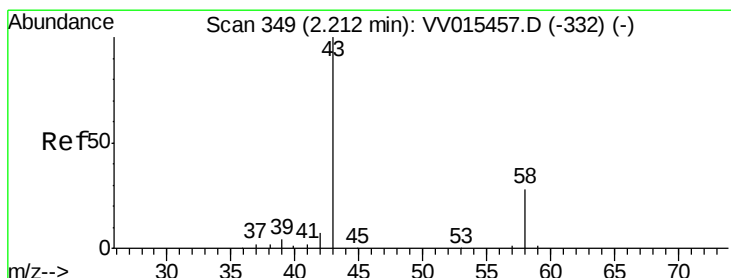
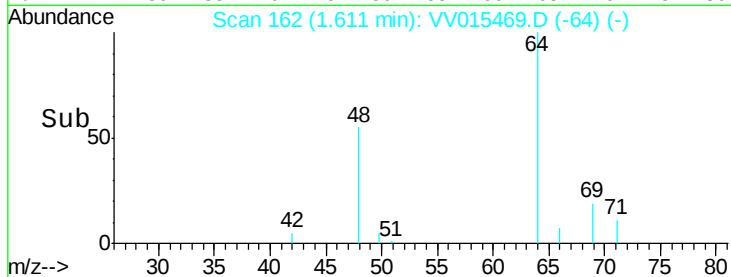
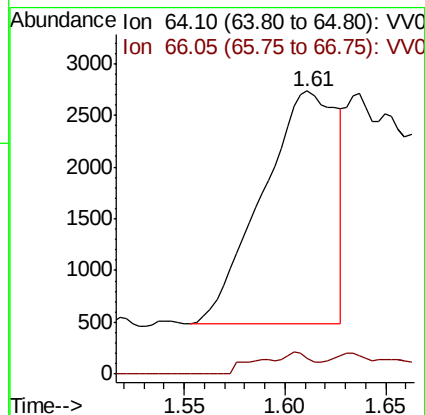
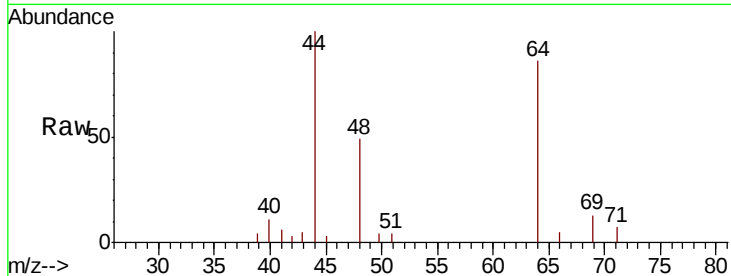
YQA89

Tot Ion: 64 Resp: 5779

Ion Ratio Lower Upper

64 100

66 5.7 22.3 41.5#



#13

Acetone

Concen: 8.053 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.00 min

Lab File: VV015469.D

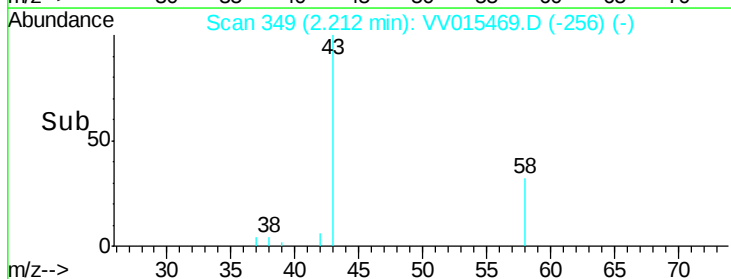
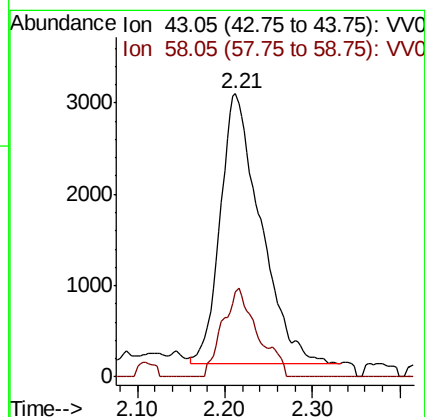
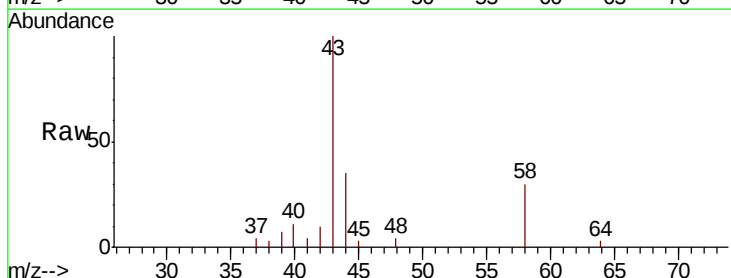
Acq: 14 Apr 2020 18:26

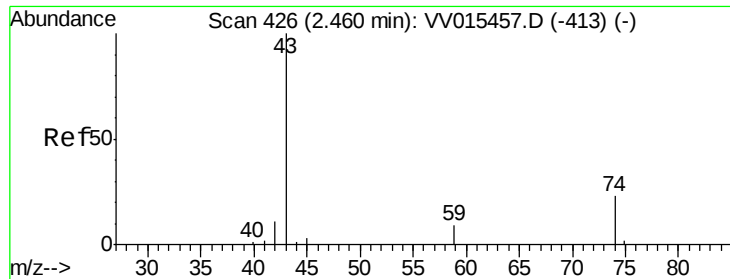
Tgt Ion: 43 Resp: 9418

Ion Ratio Lower Upper

43 100

58 28.5 0.0 22.2#





#15

Methvl Acetate

Concen: 2.713 ug/L

RT: 2.21 min Scan# 349

Delta R.T. -0.25 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

Instrument :

MSVOA_V

ClientSampleId :

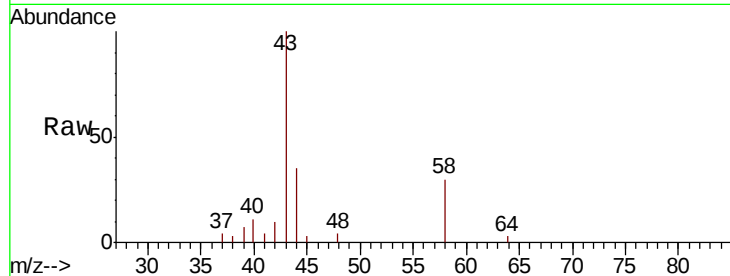
YAQ89

Tot Ion: 43 Resp: 9388

Ion Ratio Lower Upper

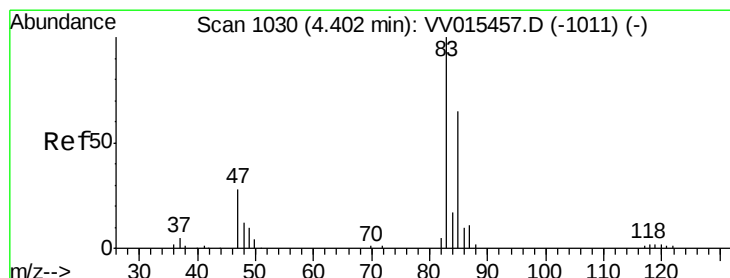
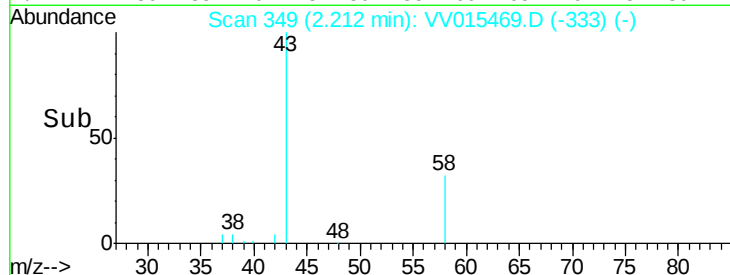
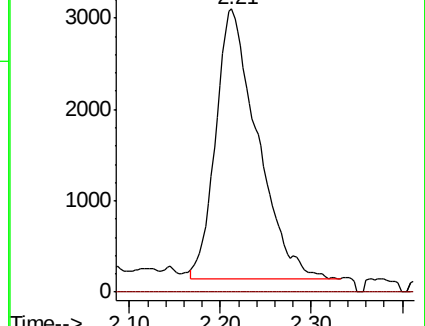
43 100

74 0.0 15.4 23.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0



#25

Chloroform

Concen: 5.899 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015469.D

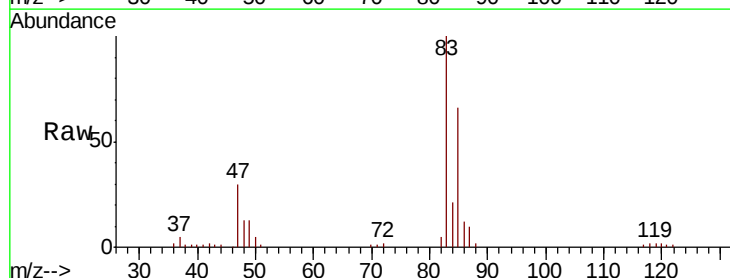
Acq: 14 Apr 2020 18:26

Tgt Ion: 83 Resp: 91466

Ion Ratio Lower Upper

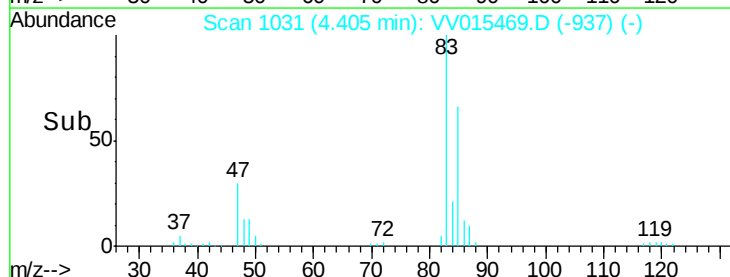
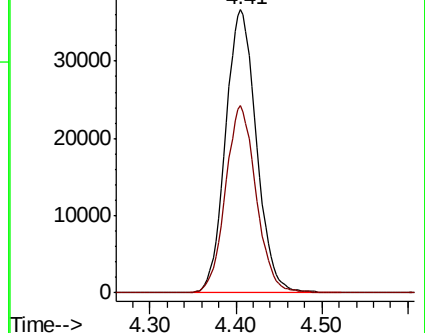
83 100

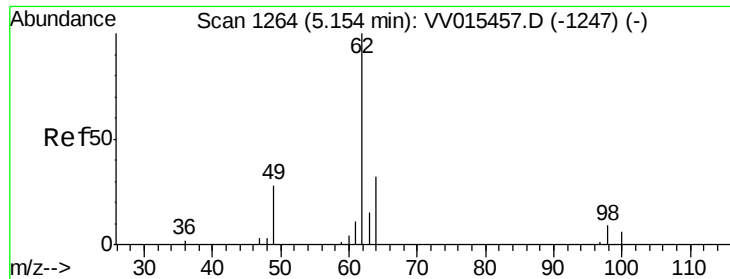
85 66.1 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

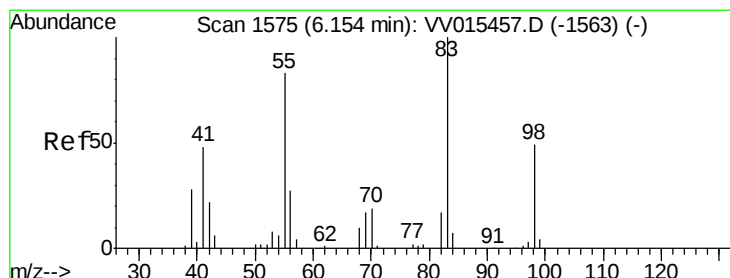
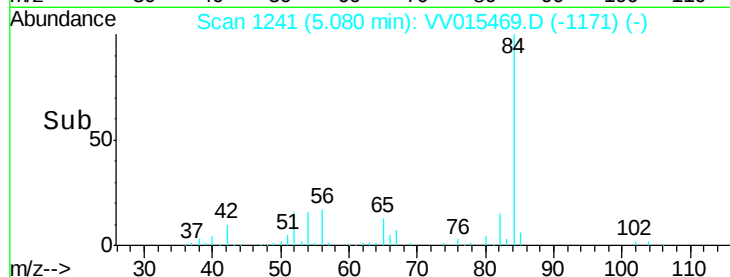
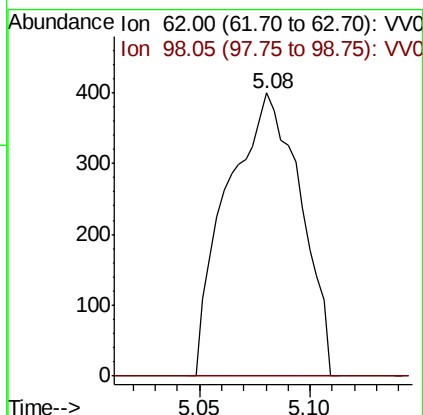
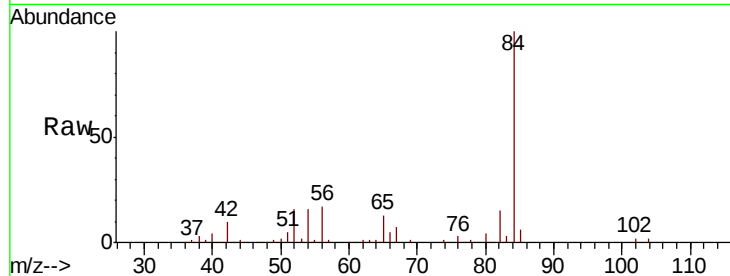




#27
 1,2-Dichloroethane
 Concen: 0.091 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV015469.D
 Acq: 14 Apr 2020 18:26

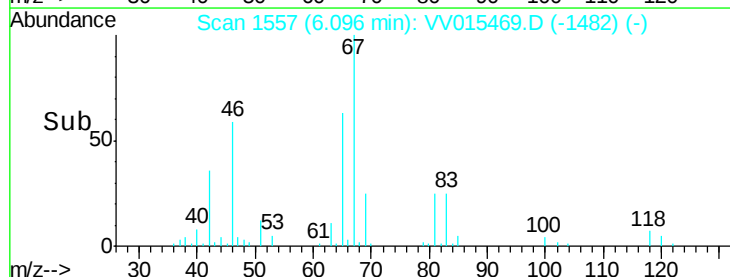
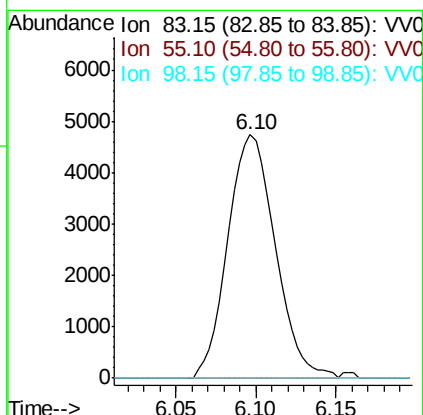
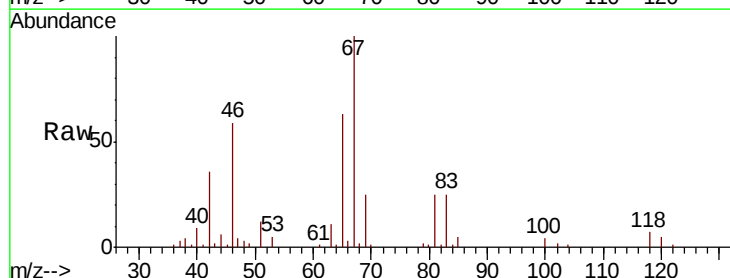
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ89

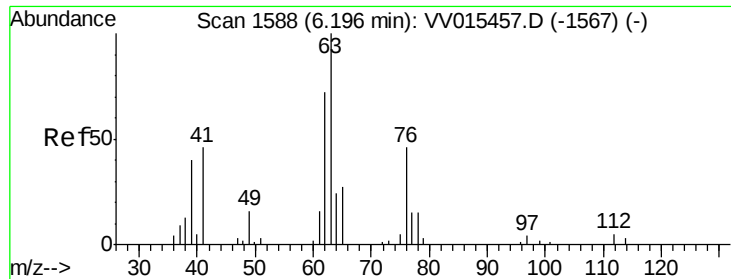
Tot Ion: 62 Resp: 915
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.652 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015469.D
 Acq: 14 Apr 2020 18:26

Tgt Ion: 83 Resp: 9603
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.0 38.7 58.1#





#37

1,2-Dichloropropane

Concen: 0.559 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

Instrument :

MSVOA_V

ClientSampleId :

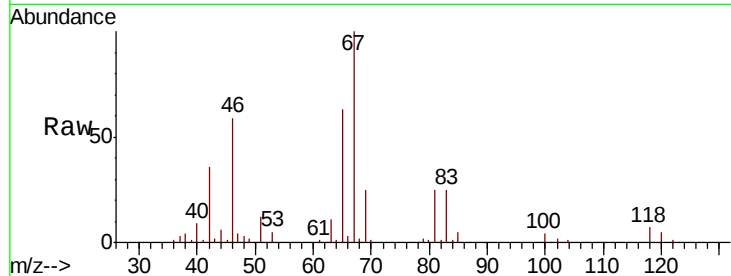
YAQ89

Tot Ion: 63 Resp: 4501

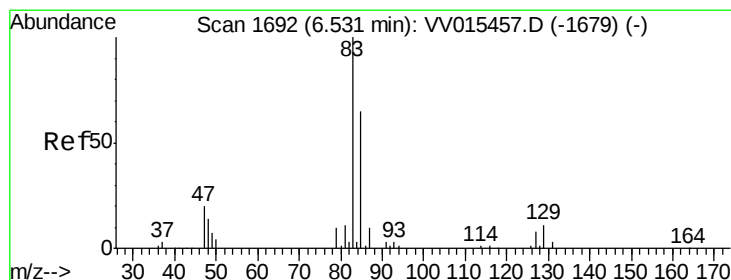
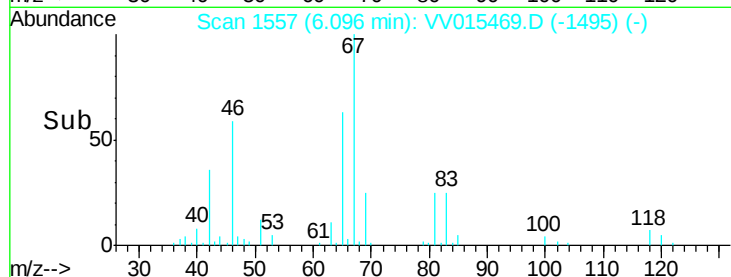
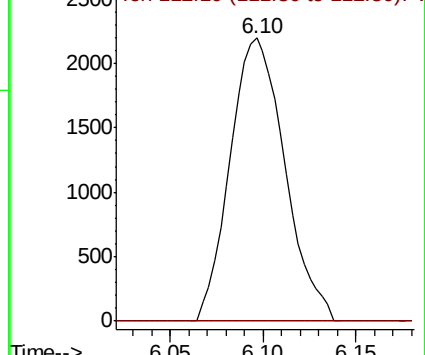
Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV015457.D (-1567) (-)



#38

Bromodichloromethane

Concen: 0.208 ug/L

RT: 6.54 min Scan# 1694

Delta R.T. 0.01 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

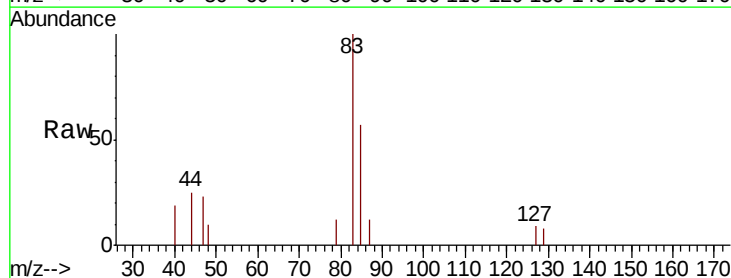
Tgt Ion: 83 Resp: 2237

Ion Ratio Lower Upper

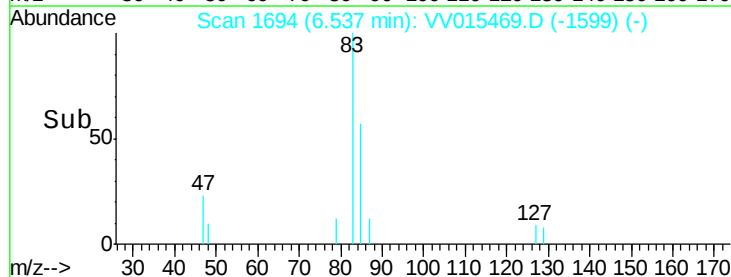
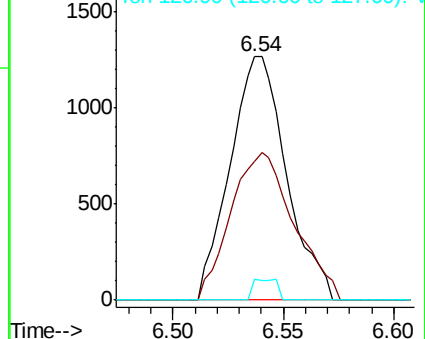
83 100

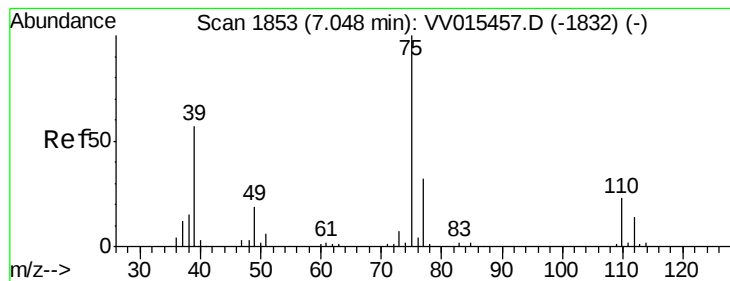
85 57.2 42.6 79.2

127 8.5 6.6 9.8



Abundance Ion 82.95 (82.65 to 83.65): VV015457.D (-1679) (-)



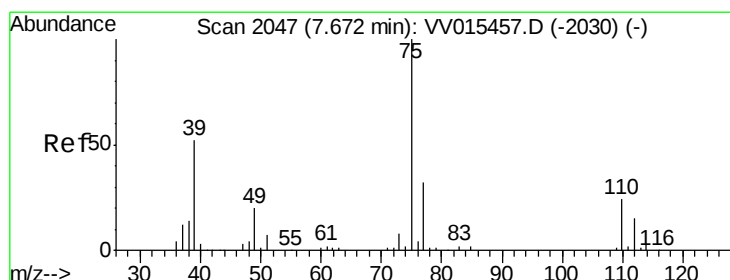
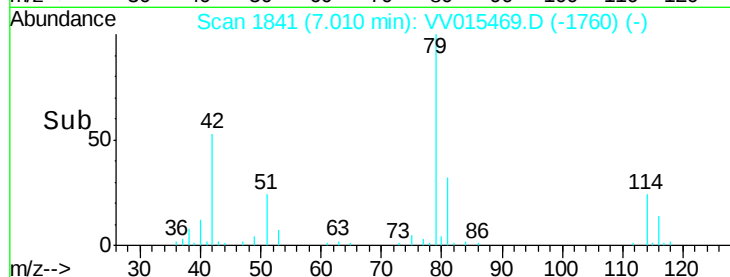
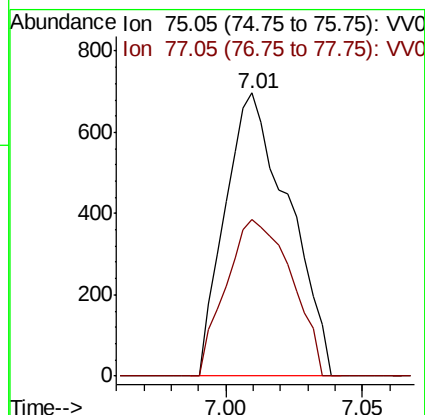
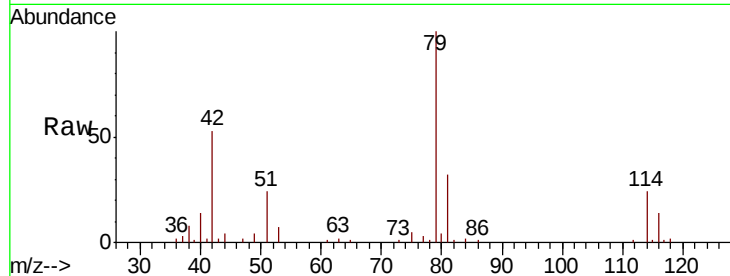


#39

cis-1,3-Dichloropropene
Concen: 0.092 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV015469.D
Acq: 14 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :
YAQ89

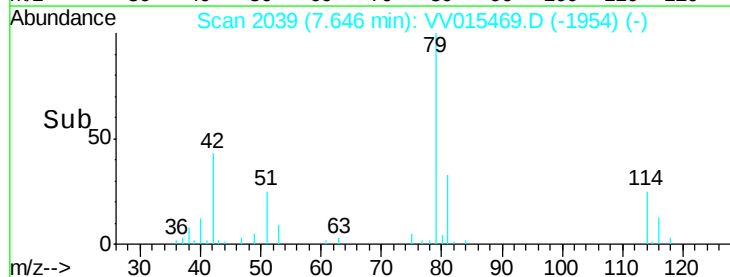
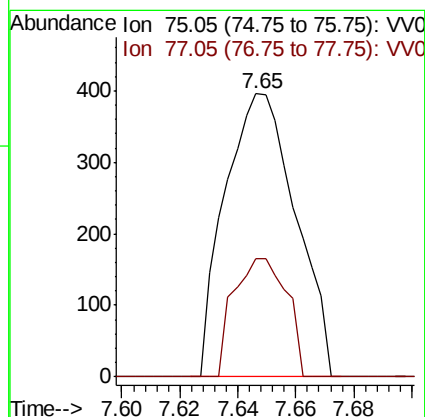
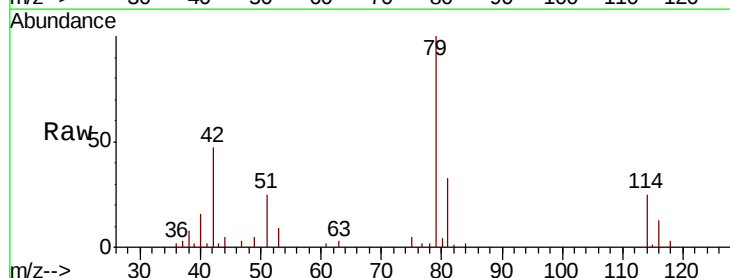
Tot Ion: 75 Resp: 1133
Ion Ratio Lower Upper
75 100
77 55.2 23.0 42.6#

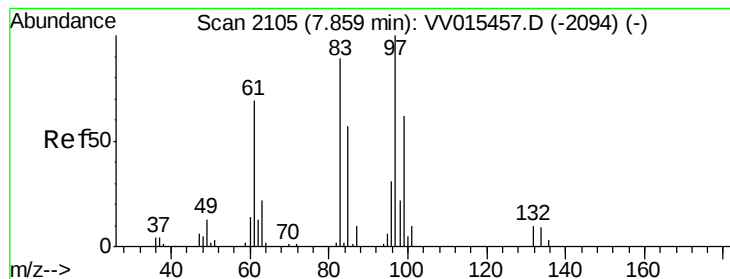


#44

trans-1,3-Dichloropropene
Concen: 0.064 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015469.D
Acq: 14 Apr 2020 18:26

Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
77 41.9 21.0 39.0#





#45

1,1,2-Trichloroethane

Concen: 0.144 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. 0.14 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

Instrument :

MSVOA_V

ClientSampleId :

YQA89

Tot Ion: 97 Resp: 782

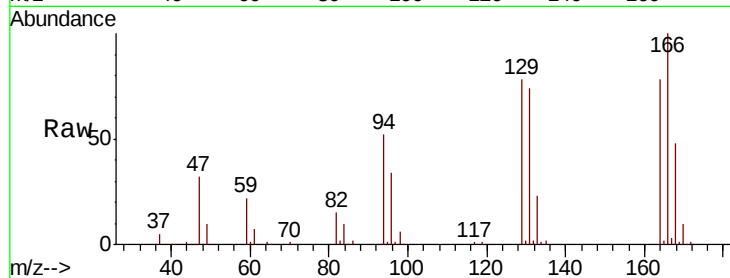
Ion Ratio Lower Upper

97 100

99 22.4 41.3 76.7#

83 196.6 60.5 112.3#

85 36.5 36.8 68.4#

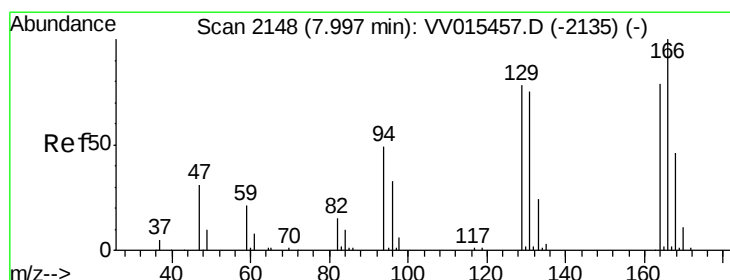
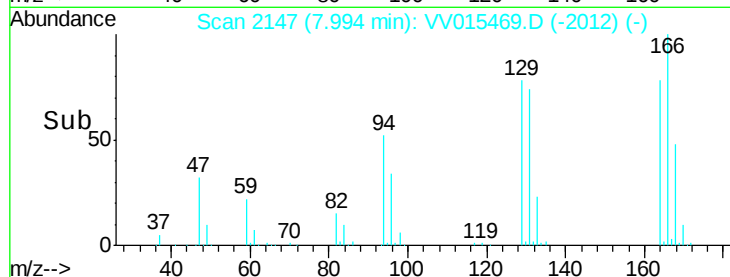
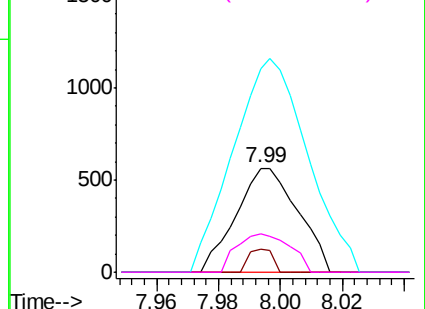


Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0



#47

Tetrachloroethene

Concen: 13.398 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.00 min

Lab File: VV015469.D

Acq: 14 Apr 2020 18:26

Tgt Ion: 164 Resp: 86777

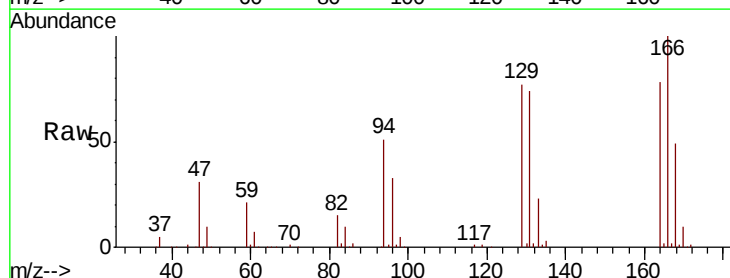
Ion Ratio Lower Upper

164 100

129 98.7 70.6 131.0

131 94.8 68.3 126.8

166 128.9 88.3 163.9

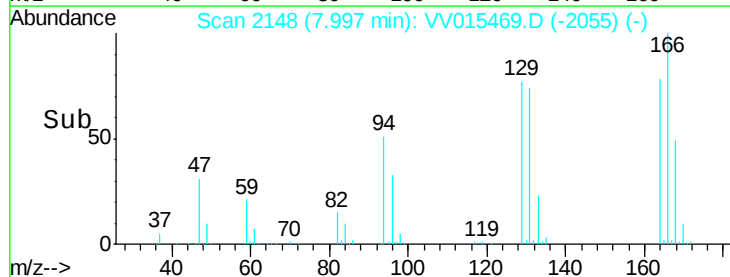
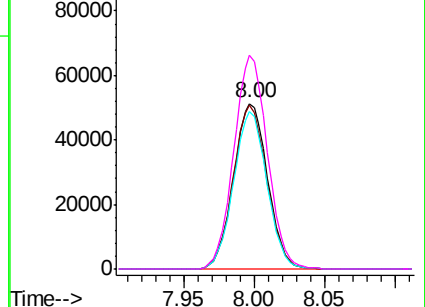


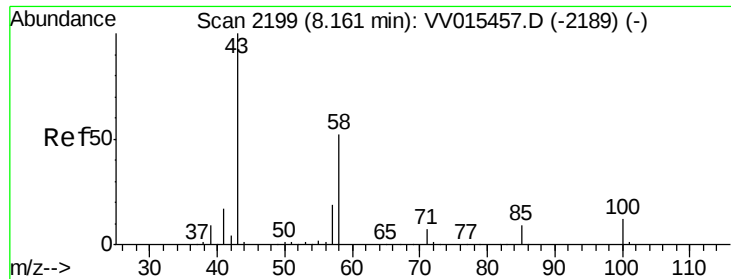
Abundance Ion 163.90 (163.60 to 164.60): V

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

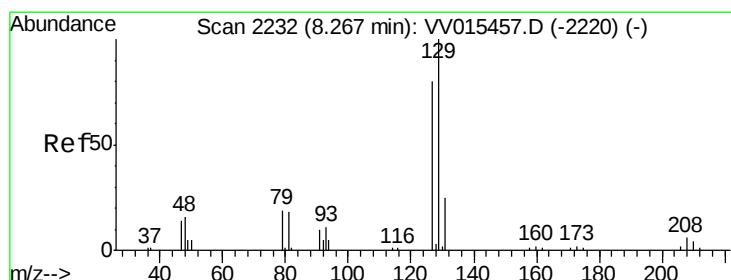
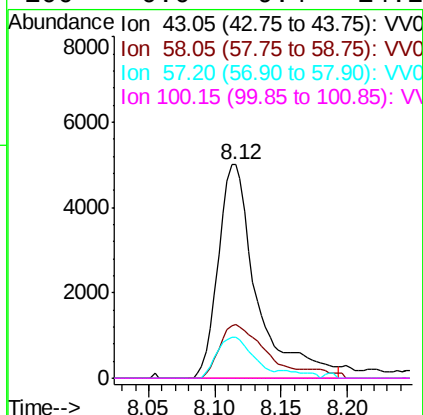
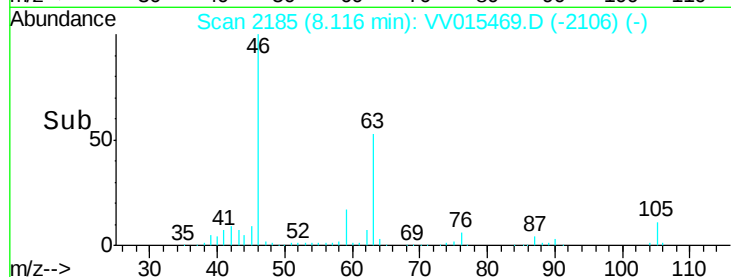
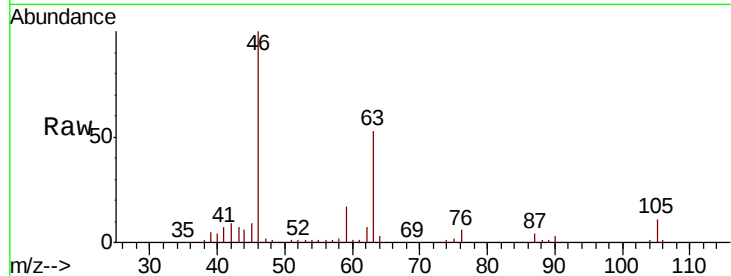




#48
2-Hexanone
Concen: 2.741 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV015469.D
Acq: 14 Apr 2020 18:26

Instrument :
MSVOA_V
ClientSampleId :
YAQ89

Tot Ion: 43 Resp: 10131
Ion Ratio Lower Upper
43 100
58 29.6 41.4 62.0#
57 18.0 15.0 22.4
100 0.0 9.4 14.2#



#49
Dibromochloromethane
Concen: 12.814 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV015469.D
Acq: 14 Apr 2020 18:26

Tgt Ion: 129 Resp: 83117
Ion Ratio Lower Upper
129 100
127 0.0 54.7 101.7#

