

Data File : VV013740.D
Acq On : 22 Nov 2019 17:48
Operator : SY/MD
Sample : K5941-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC4

Quant Time: Nov 23 01:39:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	347318	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	338023	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149771	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108841	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	96825	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.00%
11) 1,1-Dichloroethene-d2	2.13	63	148245	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	3.92	46	233306	52.21	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.42%
24) Chloroform-d	4.40	84	212223	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	106260	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	429409	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	131784	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	370224	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	47175	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	164025	43.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	87980	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	152456	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	3365	0.166 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1781	0.093 ug/L #	30
12) 1,1-Dichloroethene	2.13	96	2291	0.137 ug/L #	1
13) Acetone	2.46	43	5394	1.726 ug/L	77
14) Carbon disulfide	2.32	76	9503	0.247 ug/L	99
15) Methyl Acetate	2.46	43	5394	0.771 ug/L #	57
16) Methylene chloride	2.54	84	5416	0.237 ug/L	96
25) Chloroform	4.42	83	49951	1.252 ug/L	96
33) Benzene	5.14	78	5629	0.068 ug/L	100
34) Trichloroethene	5.96	95	10849	0.474 ug/L	93
35) Methylcyclohexane	6.11	83	32459	1.064 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	13853	0.650 ug/L #	85
38) Bromodichloromethane	6.55	83	1382	0.049 ug/L #	65
42) Toluene	7.43	91	8449	0.095 ug/L	94
48) 2-Hexanone	8.18	43	12465	1.404 ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112219\
Quantitation Report (Not Reviewed)

Data File : VV013740.D
Acq On : 22 Nov 2019 17:48
Operator : SY/MD
Sample : K5941-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC4

Quant Time: Nov 23 01:39:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration

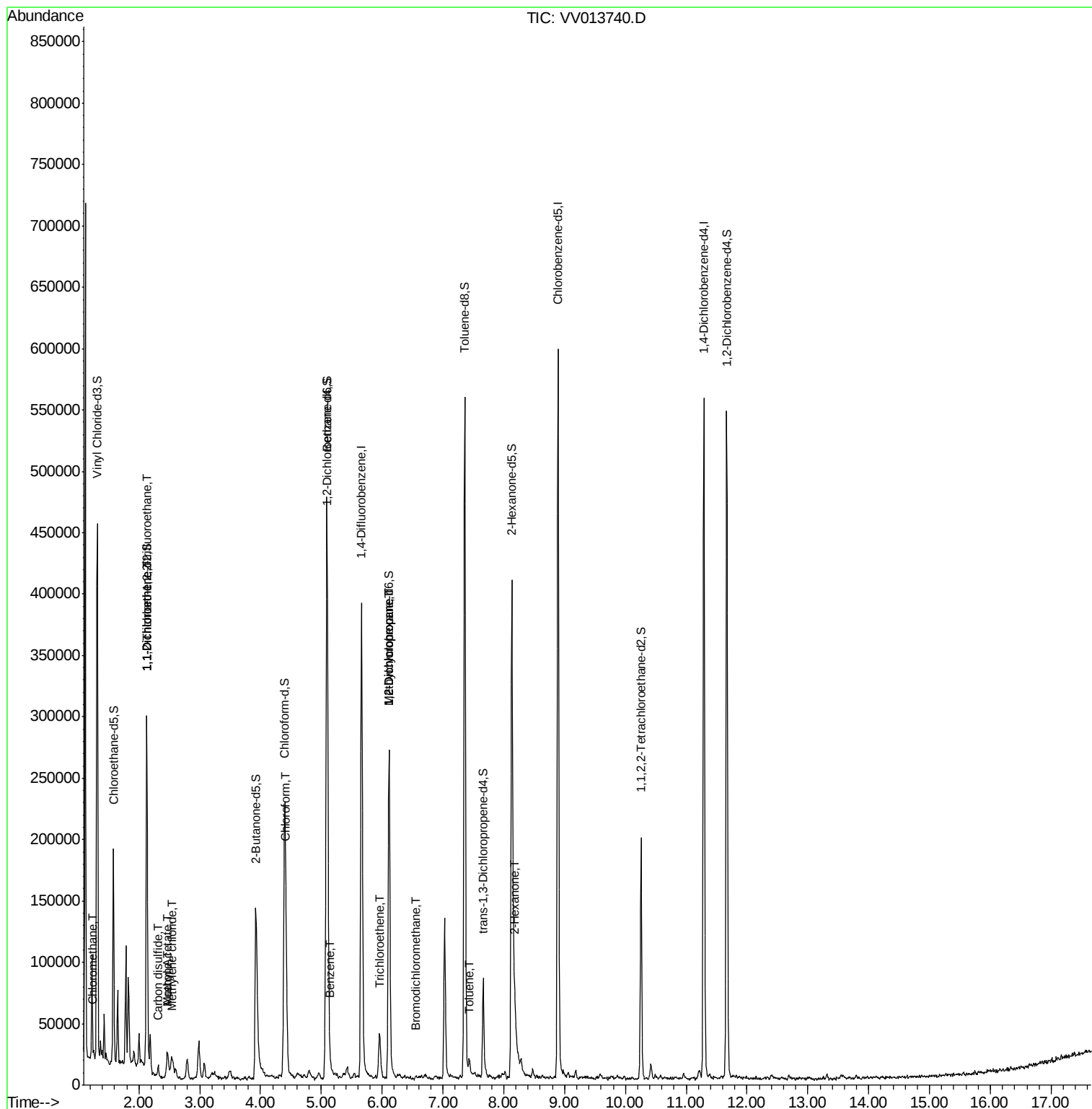
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

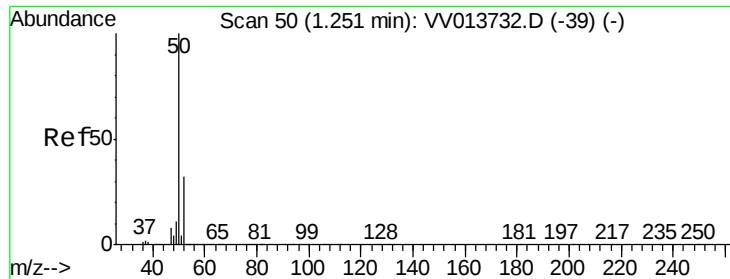
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

Data File : VV013740.D
Acq On : 22 Nov 2019 17:48
Operator : SY/MD
Sample : K5941-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC4

Quant Time: Nov 23 01:39:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.166 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

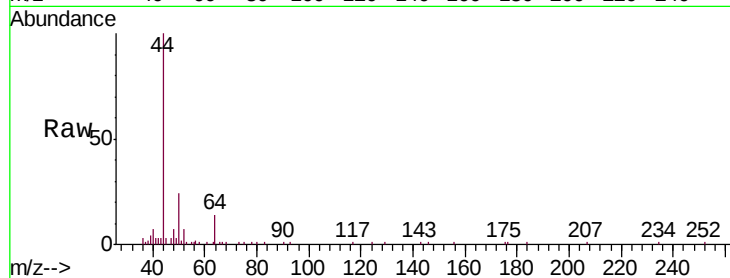
B0AC4

Tgt Ion: 50 Resp: 3365

Ion Ratio Lower Upper

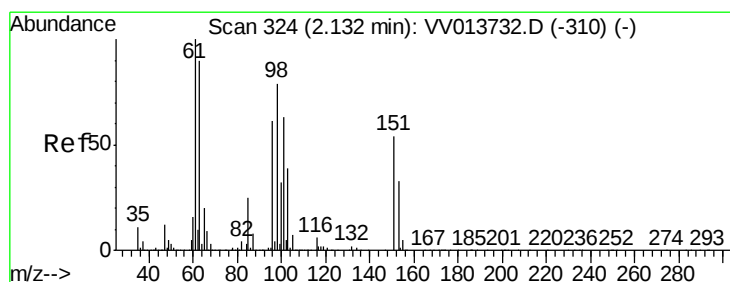
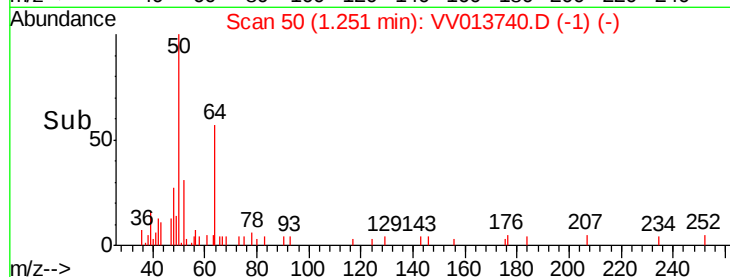
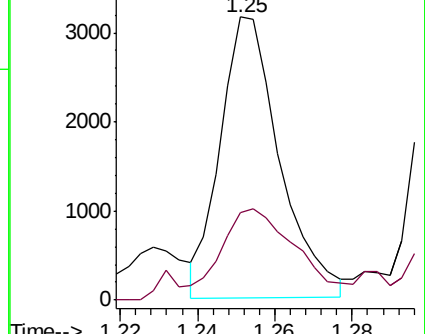
50 100

52 30.8 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VV013732.D (-39) (-)

Ion 52.05 (51.75 to 52.75): VV013732.D (-39) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.093 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

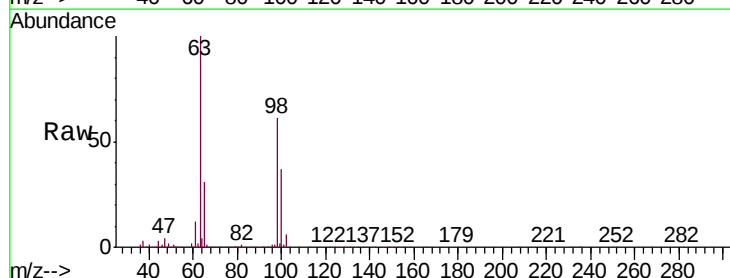
Tgt Ion: 101 Resp: 1781

Ion Ratio Lower Upper

101 100

85 10.3 33.4 50.0#

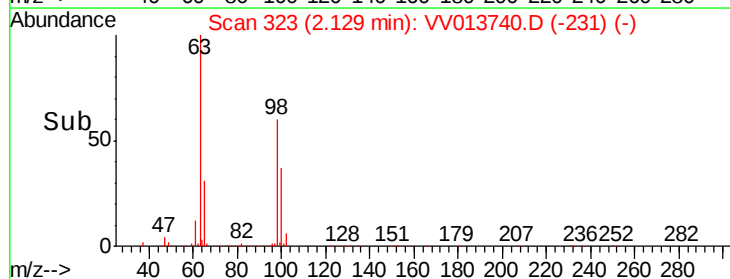
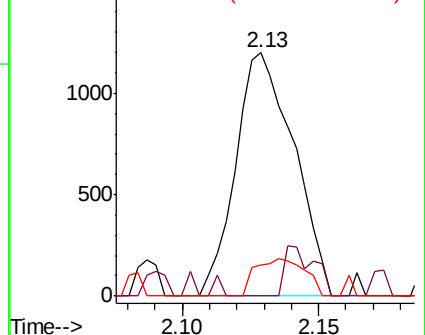
151 12.9 69.4 104.0#

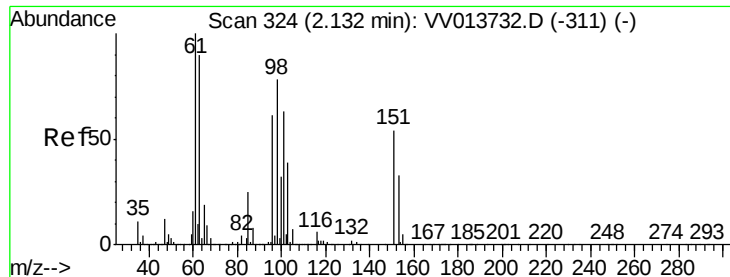


Abundance Ion 101.00 (100.70 to 101.70): VV013732.D (-310) (-)

Ion 85.00 (84.70 to 85.70): VV013732.D (-310) (-)

Ion 151.00 (150.70 to 151.70): VV013732.D (-310) (-)





#12

1,1-Dichloroethene

Concen: 0.137 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

B0AC4

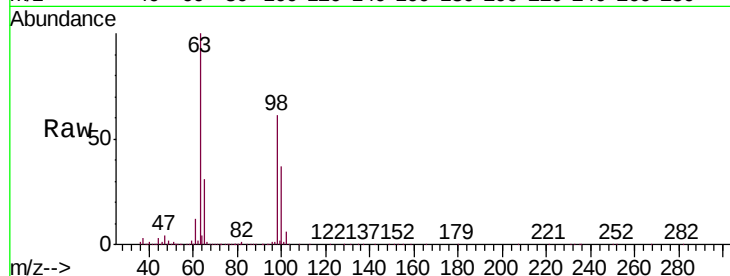
Tgt Ion: 96 Resp: 2291

Ion Ratio Lower Upper

96 100

61 897.9 116.3 215.9#

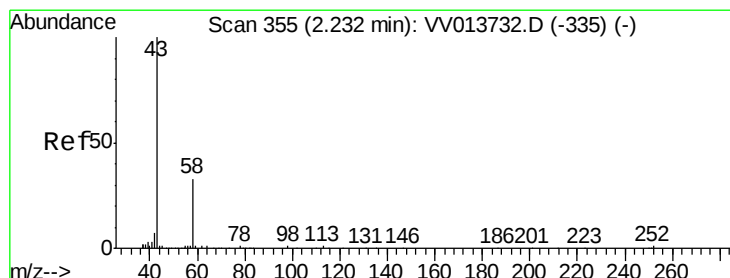
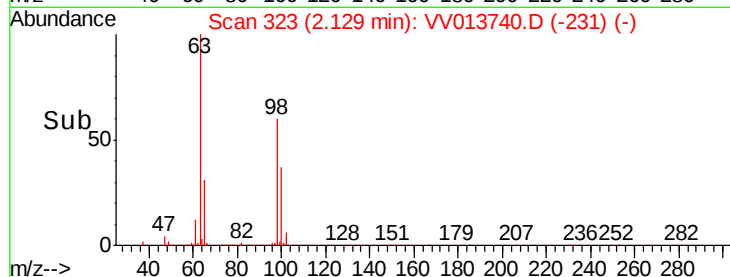
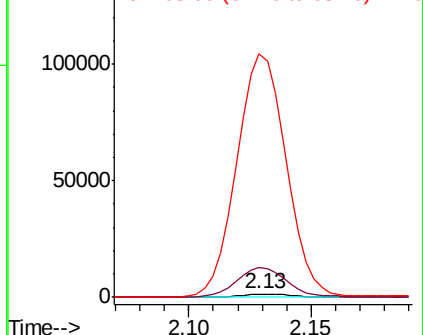
63 7330.9 96.7 179.7#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#13

Acetone

Concen: 1.726 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.23 min

Lab File: VV013740.D

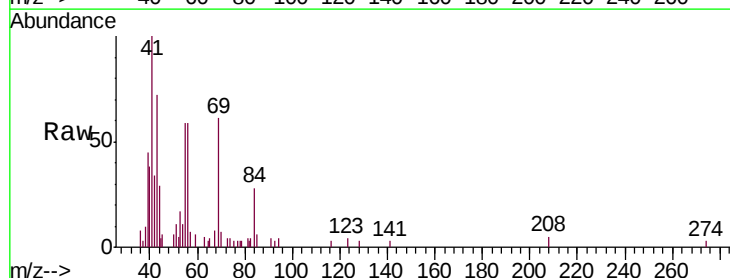
Acq: 22 Nov 2019 17:48

Tgt Ion: 43 Resp: 5394

Ion Ratio Lower Upper

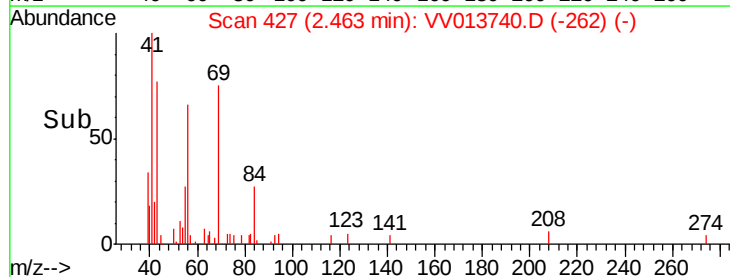
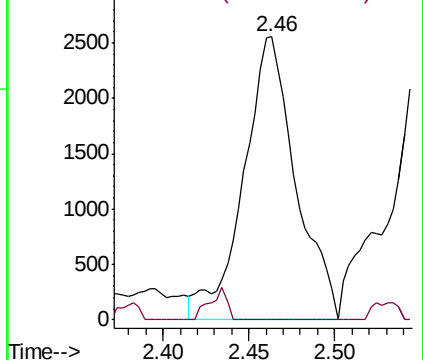
43 100

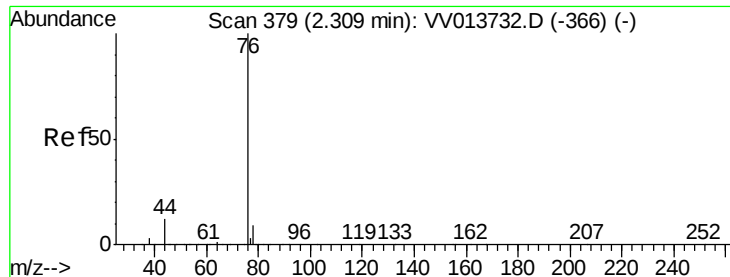
58 4.5 0.0 27.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0





#14

Carbon disulfide

Concen: 0.247 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

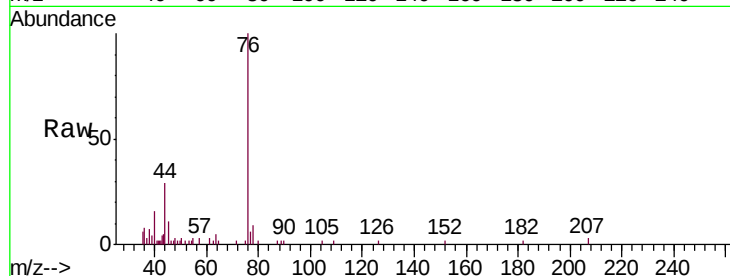
Instrument :
MSVOA_V
ClientSampleId :
B0AC4

Tgt Ion: 76 Resp: 9503

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV013732.D (-366) (-)

Ion 78.00 (77.70 to 78.70): VV013732.D (-366) (-)

2.32

6000

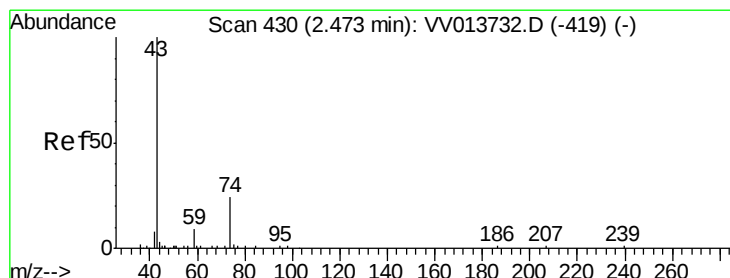
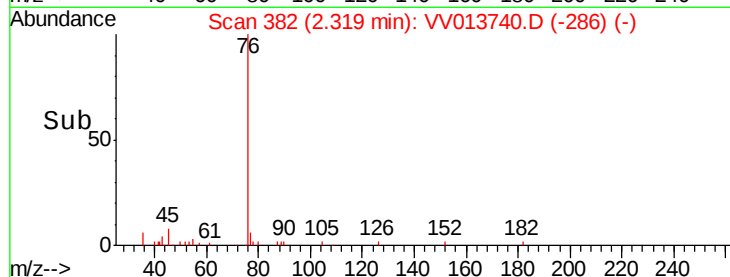
4000

2000

0

Time-->

2.25 2.30 2.35 2.40



#15

Methyl Acetate

Concen: 0.771 ug/L

RT: 2.46 min Scan# 427

Delta R.T. -0.01 min

Lab File: VV013740.D

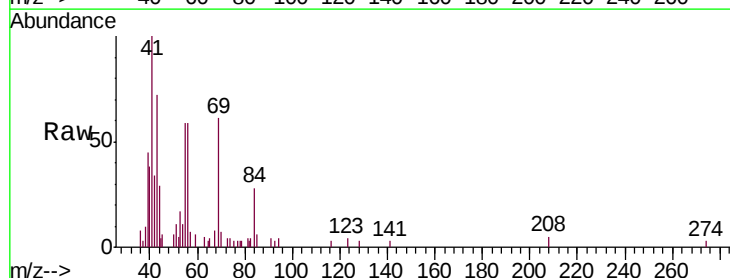
Acq: 22 Nov 2019 17:48

Tgt Ion: 43 Resp: 5394

Ion Ratio Lower Upper

43 100

74 3.7 20.5 30.7#



Abundance Ion 43.05 (42.75 to 43.75): VV013732.D (-419) (-)

Ion 74.05 (73.75 to 74.75): VV013732.D (-419) (-)

2.46

3000

2500

2000

1500

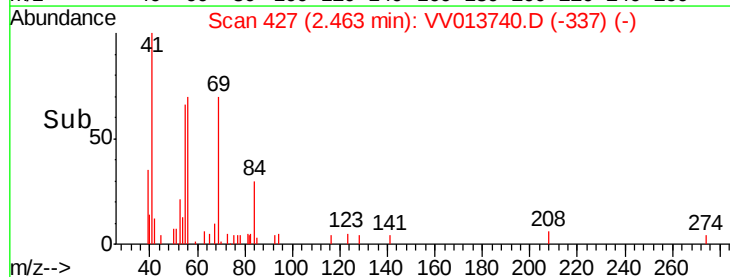
1000

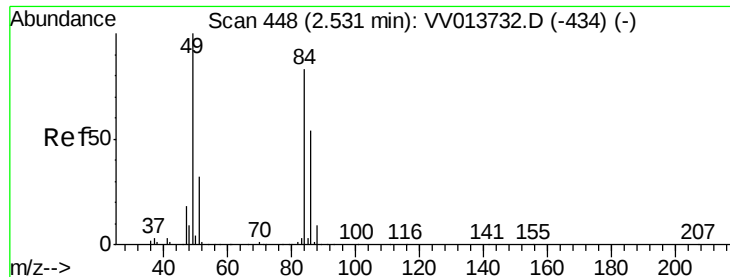
500

0

Time-->

2.40 2.45 2.50

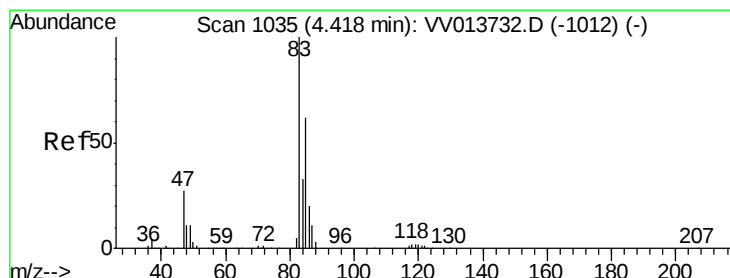
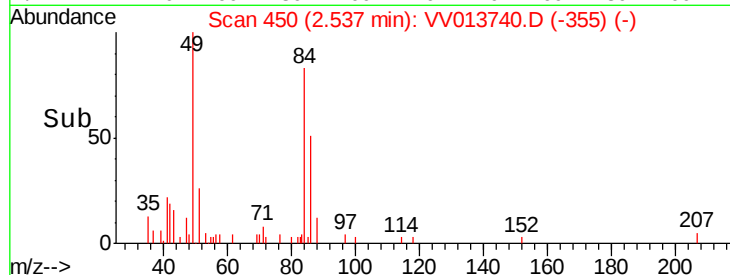
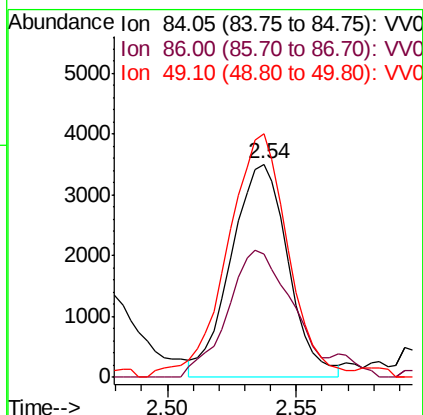
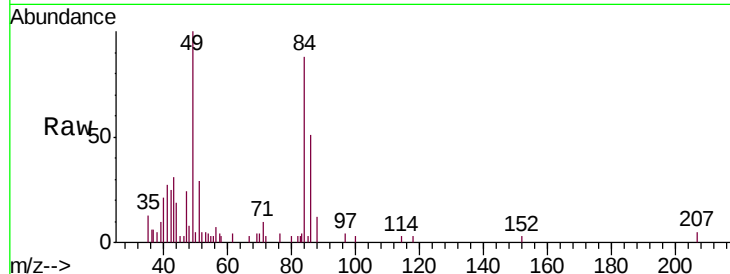




#16
Methylene chloride
Concen: 0.237 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013740.D
Acq: 22 Nov 2019 17:48

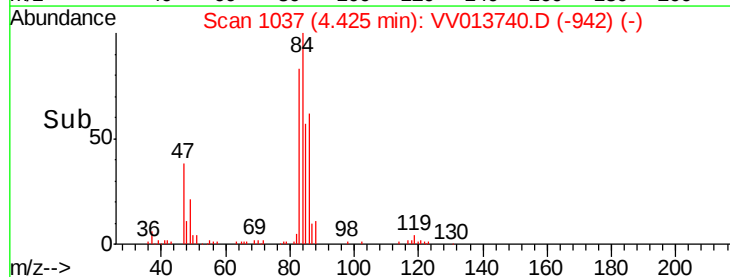
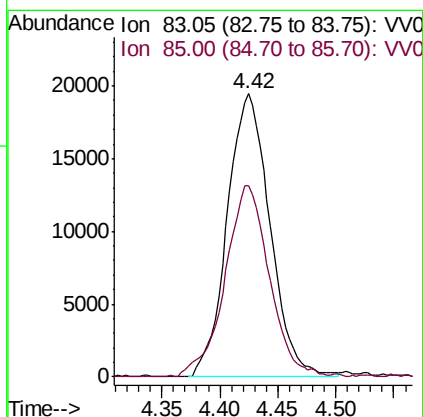
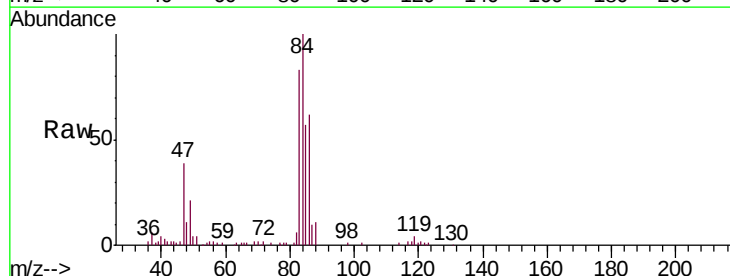
Instrument :
MSVOA_V
ClientSampleId :
B0AC4

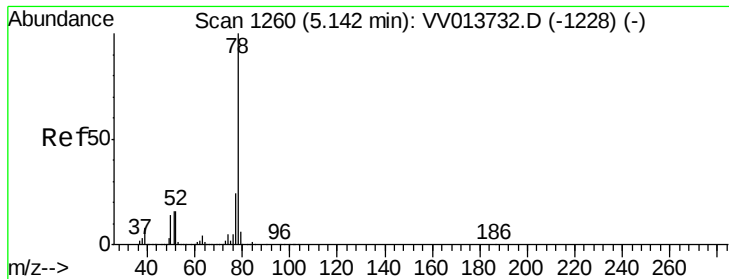
Tgt Ion: 84 Resp: 5416
Ion Ratio Lower Upper
84 100
86 57.7 44.0 81.6
49 114.3 81.5 151.5



#25
Chloroform
Concen: 1.252 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.01 min
Lab File: VV013740.D
Acq: 22 Nov 2019 17:48

Tgt Ion: 83 Resp: 49951
Ion Ratio Lower Upper
83 100
85 67.7 45.1 83.7





#33

Benzene

Concen: 0.068 ug/L

RT: 5.14 min Scan# 1261

Delta R.T. 0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

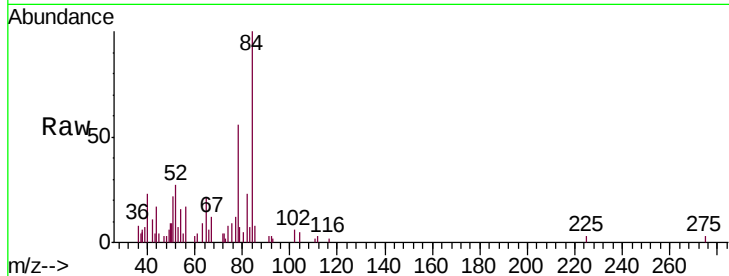
Instrument :

MSVOA_V

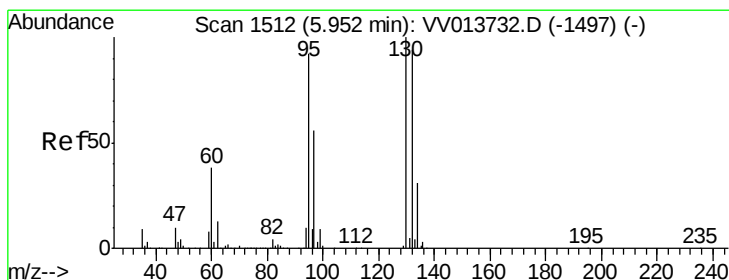
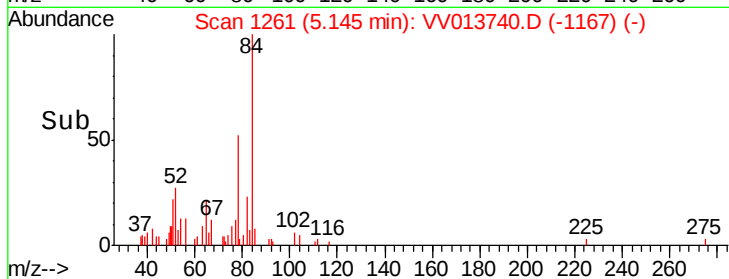
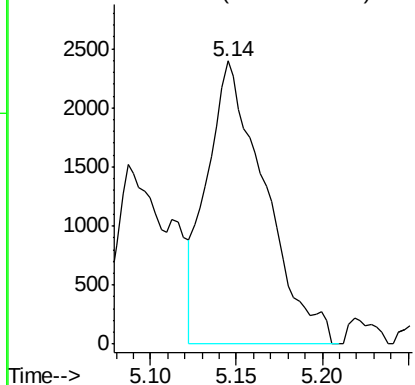
ClientSampleId :

B0AC4

Tgt Ion: 78 Resp: 5629



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 0.474 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Tgt Ion: 95 Resp: 10849

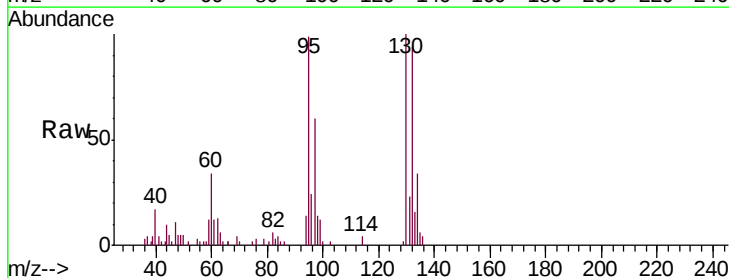
Ion Ratio Lower Upper

95 100

97 60.5 45.6 84.8

132 94.8 70.5 130.9

130 100.5 75.9 140.9

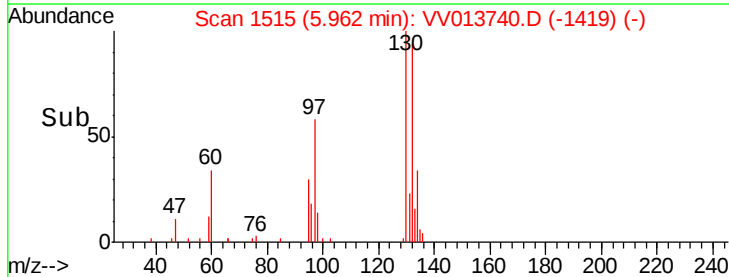
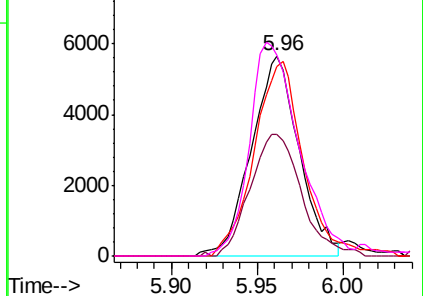


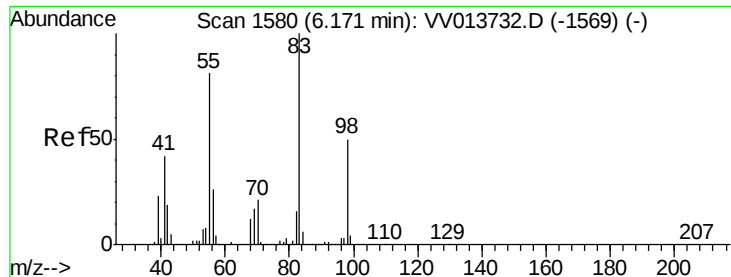
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0

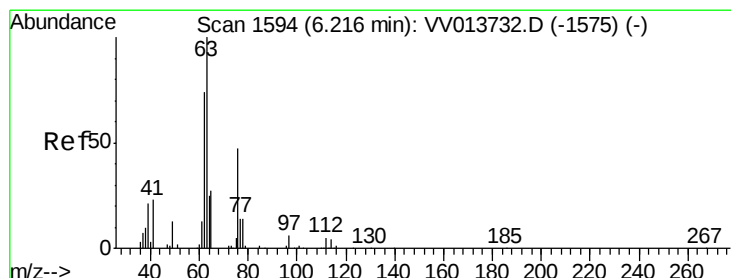
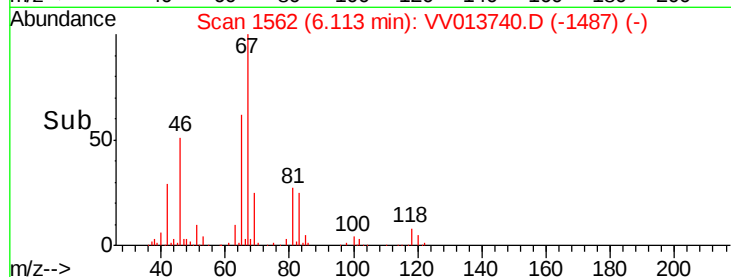
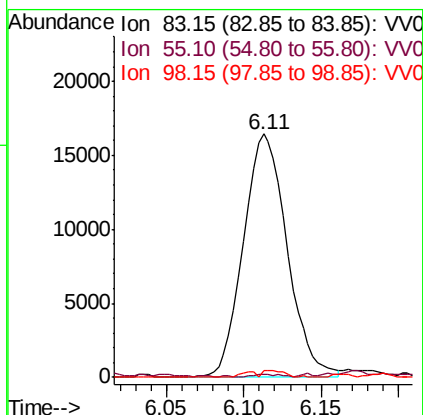
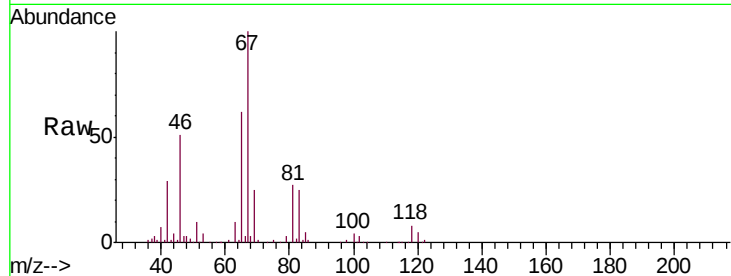




#35
Methylcyclohexane
Concen: 1.064 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013740.D
Acq: 22 Nov 2019 17:48

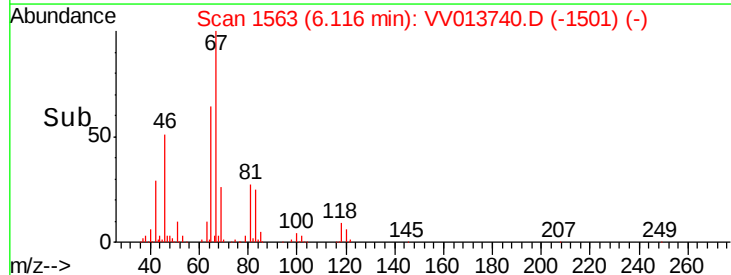
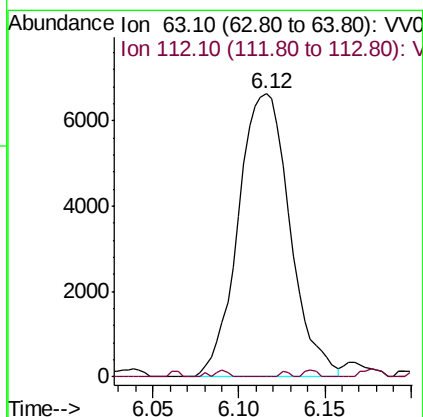
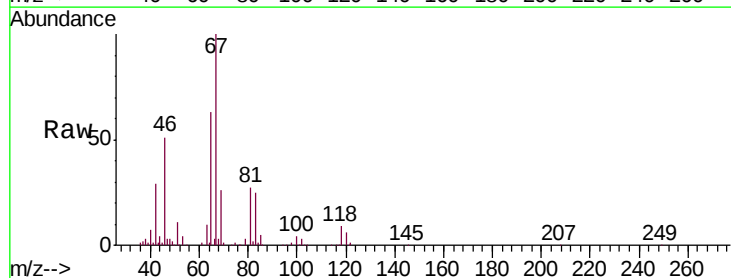
Instrument :
MSVOA_V
ClientSampleId :
B0AC4

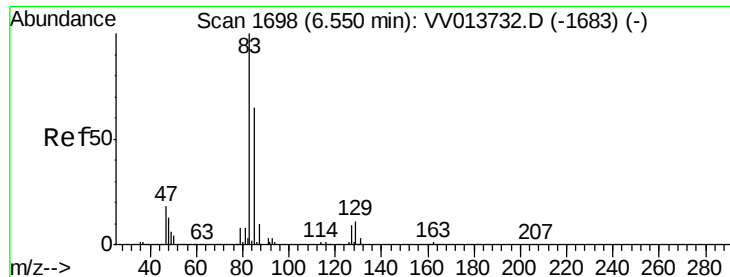
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	60.3	90.5#
98	1.4	38.1	57.1#



#37
1,2-Dichloropropane
Concen: 0.650 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013740.D
Acq: 22 Nov 2019 17:48

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.4	6.6#





#38

Bromodichloromethane

Concen: 0.049 ug/L

RT: 6.55 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

B0AC4

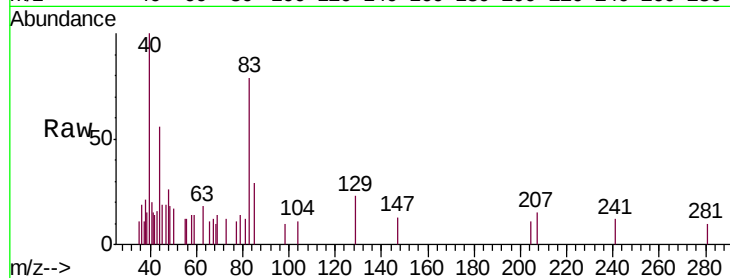
Tgt Ion: 83 Resp: 1382

Ion Ratio Lower Upper

83 100

85 36.7 46.1 85.5#

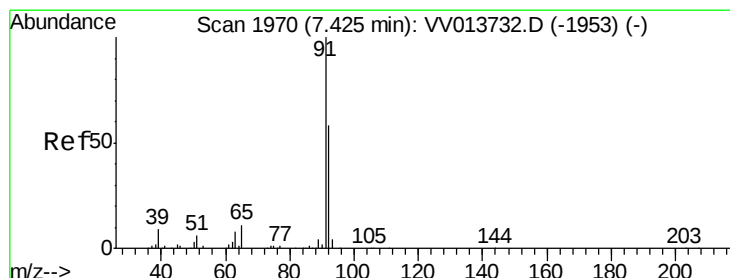
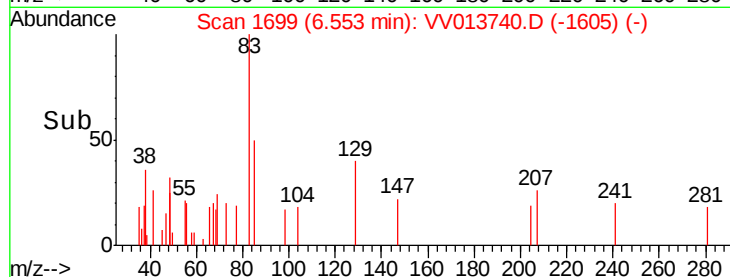
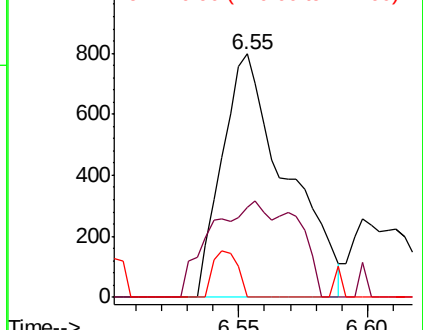
127 0.0 7.5 11.3#



Abundance Ion 82.95 (82.65 to 83.65): VV013732.D (-1683) (-)

Ion 85.00 (84.70 to 85.70): VV013732.D (-1683) (-)

Ion 126.90 (126.60 to 127.60): VV013732.D (-1683) (-)



#42

Toluene

Concen: 0.095 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.01 min

Lab File: VV013740.D

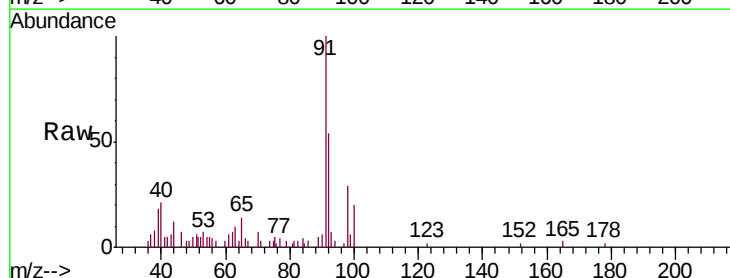
Acq: 22 Nov 2019 17:48

Tgt Ion: 91 Resp: 8449

Ion Ratio Lower Upper

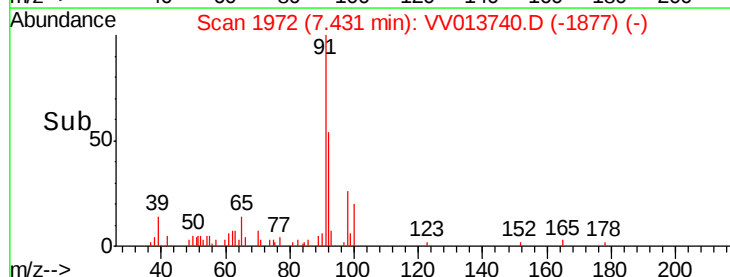
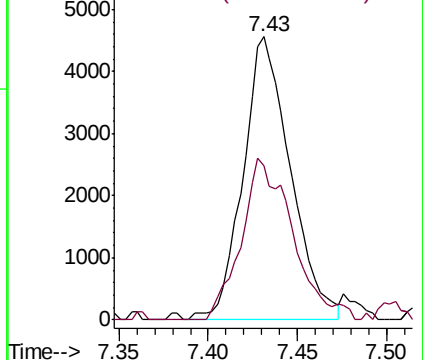
91 100

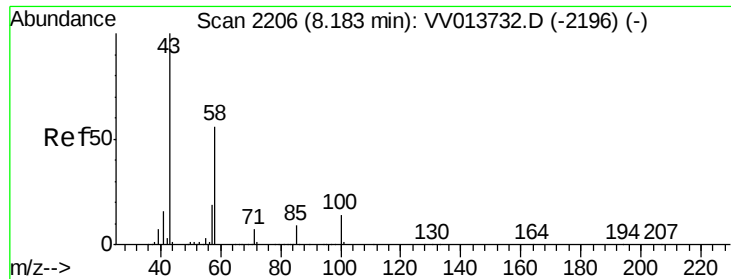
92 54.3 41.1 76.3



Abundance Ion 91.15 (90.85 to 91.85): VV013732.D (-1953) (-)

Ion 92.15 (91.85 to 92.85): VV013732.D (-1953) (-)





#48

2-Hexanone

Concen: 1.404 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. -0.00 min

Lab File: VV013740.D

Acq: 22 Nov 2019 17:48

Instrument :

MSVOA_V

ClientSampleId :

B0AC4

Tgt Ion: 43 Resp: 12465

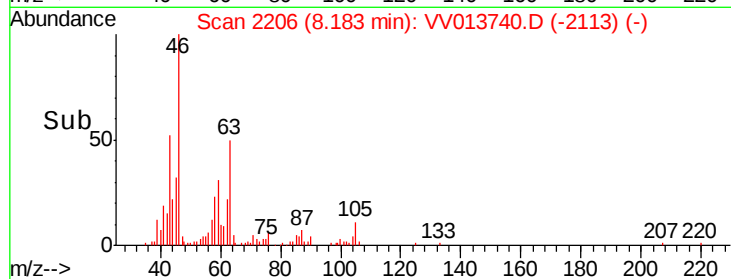
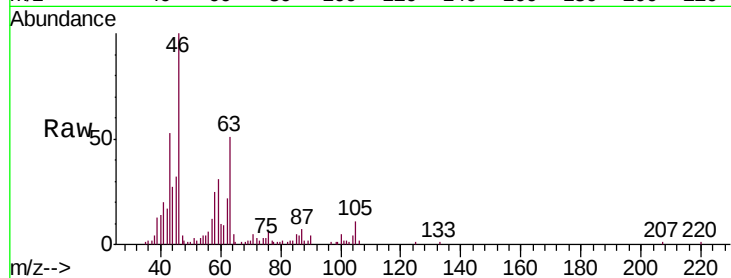
Ion Ratio Lower Upper

43 100

58 48.7 43.2 64.8

57 22.8 15.4 23.2

100 10.5 10.4 15.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

