

Data File : VV013744.D
Acq On : 22 Nov 2019 19:23
Operator : SY/MD
Sample : K5941-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
B0AC1

Quant Time: Nov 23 01:39:57 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	328857	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	329635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	151605	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107506	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.58	69	98551	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.00%
11) 1,1-Dichloroethene-d2	2.13	63	227038	6.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	132.60%#
20) 2-Butanone-d5	3.92	46	275022	65.00	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.00%
24) Chloroform-d	4.40	84	222145	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.08	65	113004	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	5.09	84	436957	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.11	67	137225	5.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.20%
41) Toluene-d8	7.36	98	388312	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	7.66	79	48331	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.13	63	215091	59.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	103513	5.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	164376	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

					Qvalue
3) Chloromethane	1.25	50	7912	0.411 ug/L	93
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2245	0.124 ug/L #	26
12) 1,1-Dichloroethene	2.14	96	157232	9.944 ug/L #	82
13) Acetone	2.30	43	14246	4.815 ug/L	78
14) Carbon disulfide	2.32	76	17201	0.471 ug/L	99
15) Methyl Acetate	2.46	43	2407	0.363 ug/L	96
16) Methylene chloride	2.53	84	3023	0.140 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	9316	0.215 ug/L #	90
19) 1,1-Dichloroethane	3.23	63	238468	6.690 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	26600	1.270 ug/L	98
25) Chloroform	4.43	83	18517	0.490 ug/L	100
27) 1,2-Dichloroethane	5.10	62	2449	0.113 ug/L	99
34) Trichloroethene	5.96	95	1523697	68.310 ug/L	98
35) Methylcyclohexane	6.12	83	33285	1.118 ug/L #	19
37) 1,2-Dichloropropane	6.22	63	2021	0.097 ug/L #	81
44) trans-1,3-Dichloropropene	7.66	75	2438	0.106 ug/L #	75
48) 2-Hexanone	8.19	43	9700	1.121 ug/L #	83

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

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Instrument :
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B0AC1

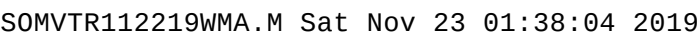
Quant Time: Nov 23 01:39:57 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Nov 23 01:35:18 2019
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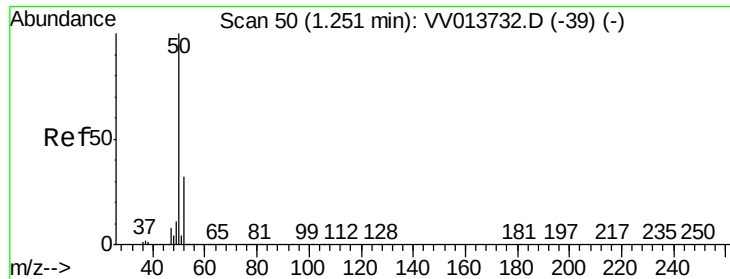
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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#3

Chloromethane

Concen: 0.411 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

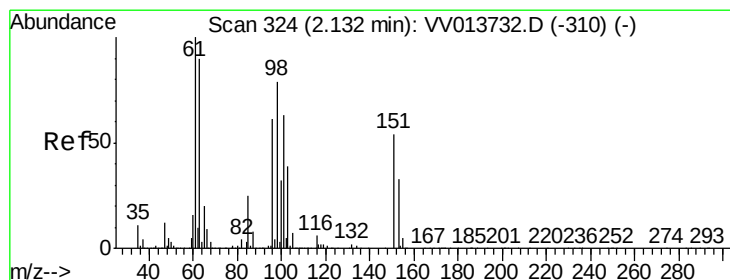
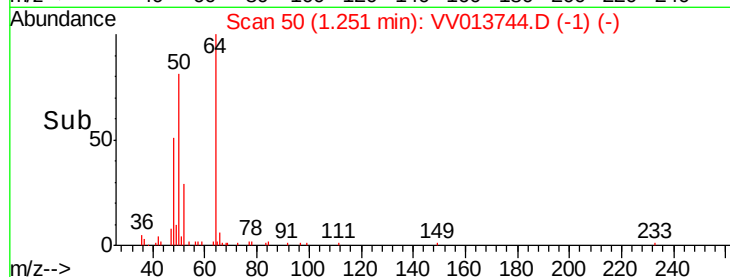
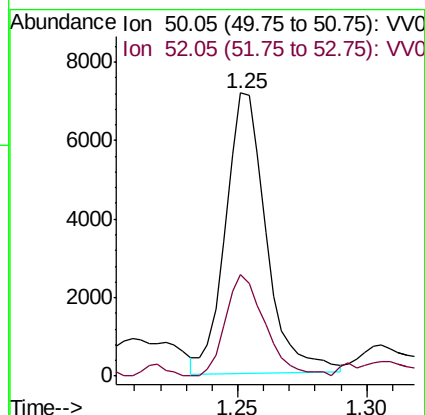
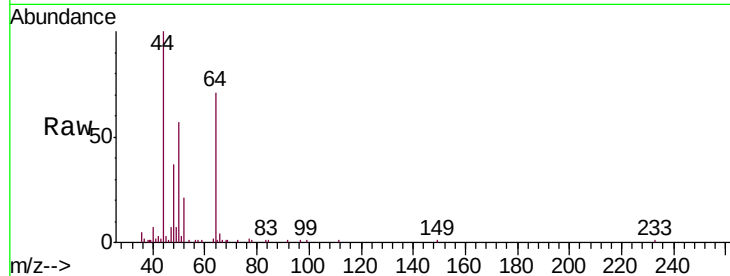
B0AC1

Tgt Ion: 50 Resp: 7912

Ion Ratio Lower Upper

50 100

52 35.8 22.5 41.7



#10

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

Concen: 0.124 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

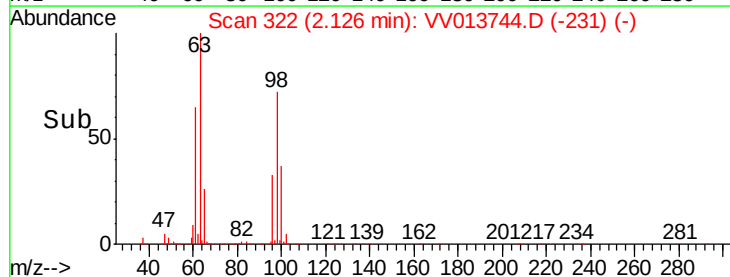
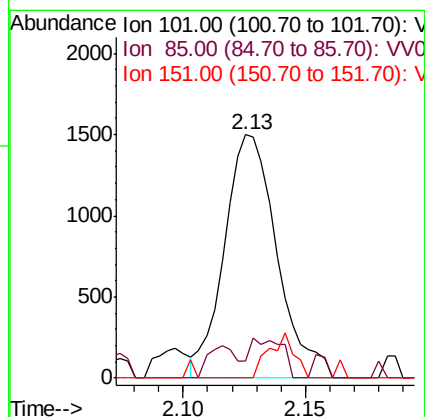
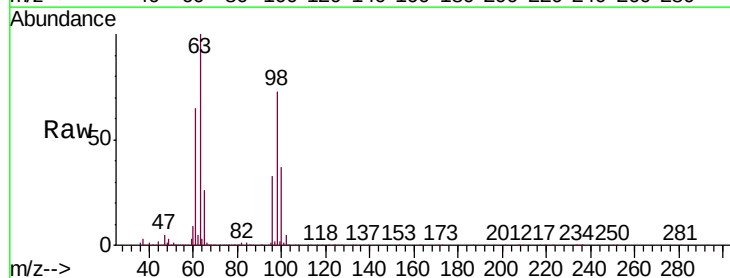
Tgt Ion: 101 Resp: 2245

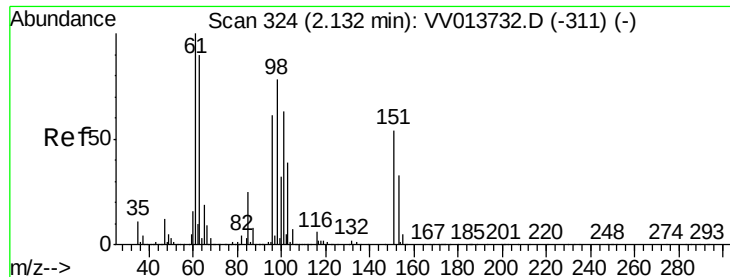
Ion Ratio Lower Upper

101 100

85 9.4 33.4 50.0#

151 8.8 69.4 104.0#

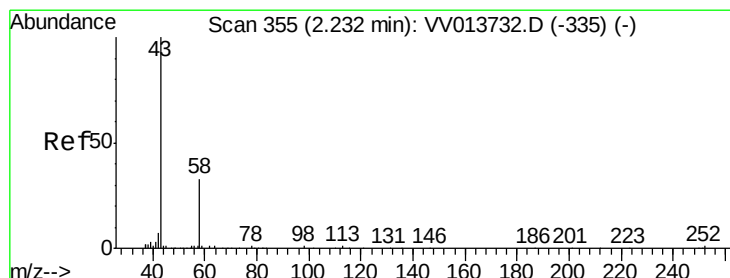
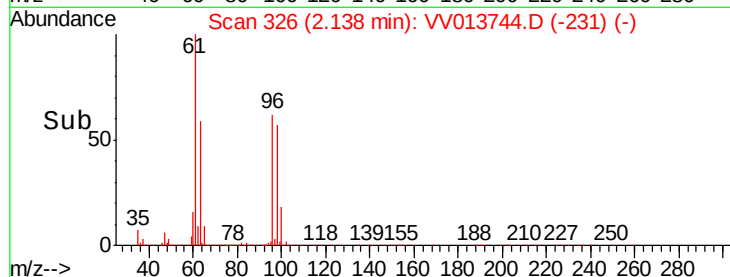
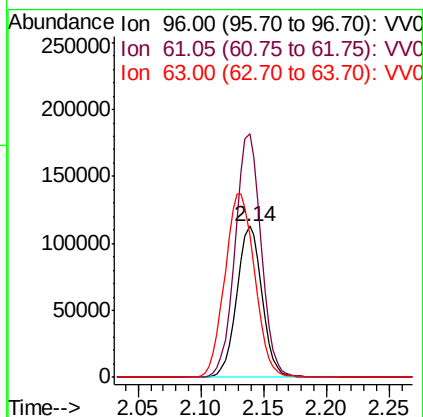
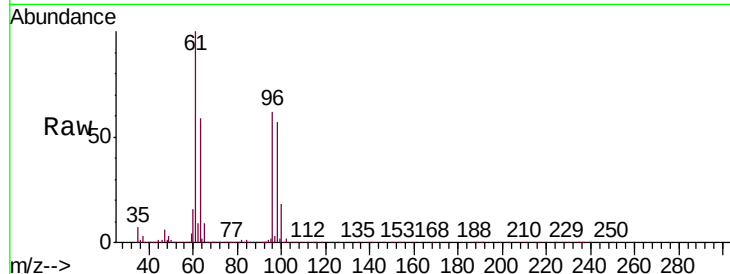




#12
 1,1-Dichloroethene
 Concen: 9.944 ug/L
 RT: 2.14 min Scan# 326
 Delta R.T. 0.01 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

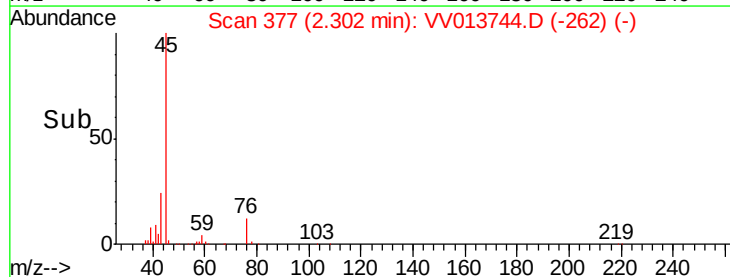
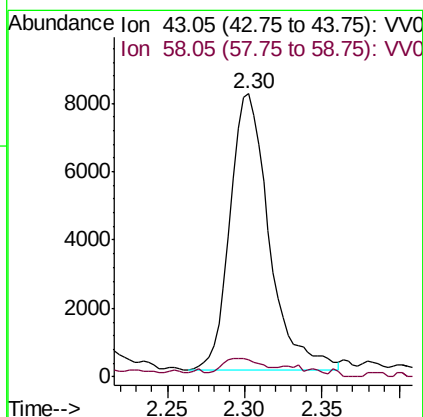
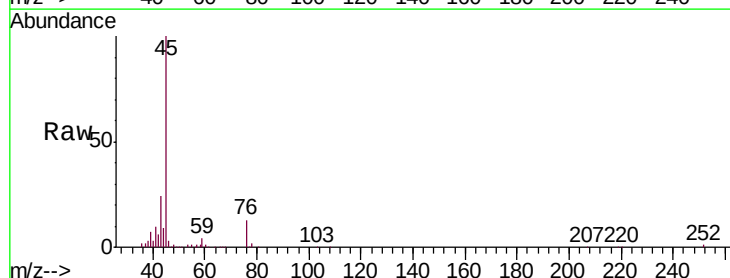
Instrument :
 MSVOA_V
 ClientSampleID :
 B0AC1

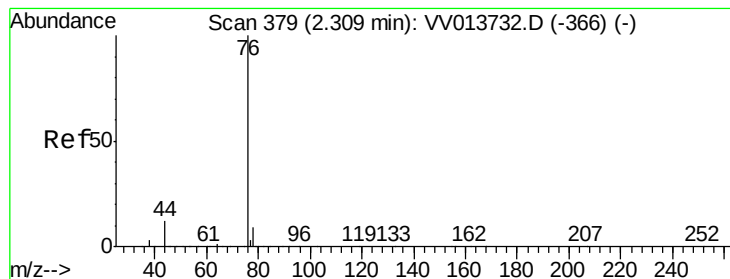
Tgt Ion: 96 Resp: 157232
 Ion Ratio Lower Upper
 96 100
 61 161.0 116.3 215.9
 63 94.6 96.7 179.7#



#13
 Acetone
 Concen: 4.815 ug/L
 RT: 2.30 min Scan# 377
 Delta R.T. 0.07 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

Tgt Ion: 43 Resp: 14246
 Ion Ratio Lower Upper
 43 100
 58 4.6 0.0 27.2





#14

Carbon disulfide

Concen: 0.471 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

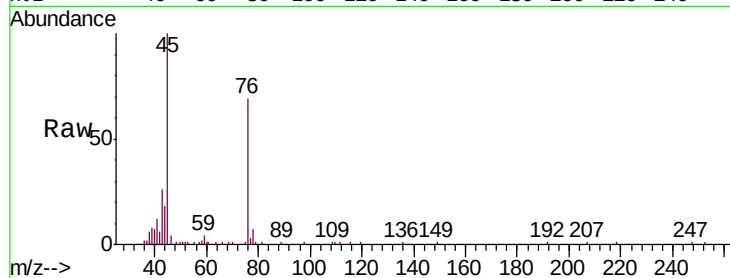
B0AC1

Tgt Ion: 76 Resp: 17201

Ion Ratio Lower Upper

76 100

78 9.8 7.5 11.3



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

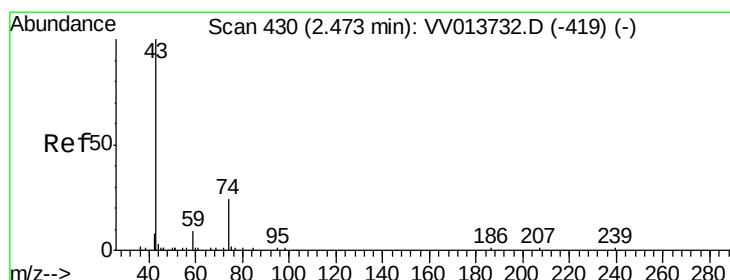
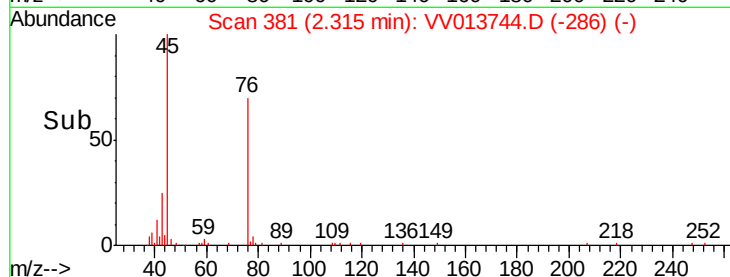
2.32

10000

5000

0

Time--> 2.25 2.30 2.35



#15

Methyl Acetate

Concen: 0.363 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.01 min

Lab File: VV013744.D

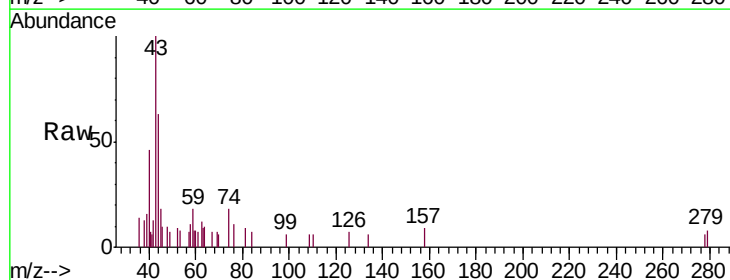
Acq: 22 Nov 2019 19:23

Tgt Ion: 43 Resp: 2407

Ion Ratio Lower Upper

43 100

74 23.8 20.5 30.7



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

2.46

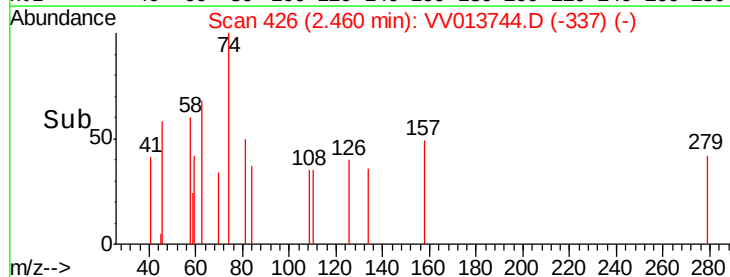
1500

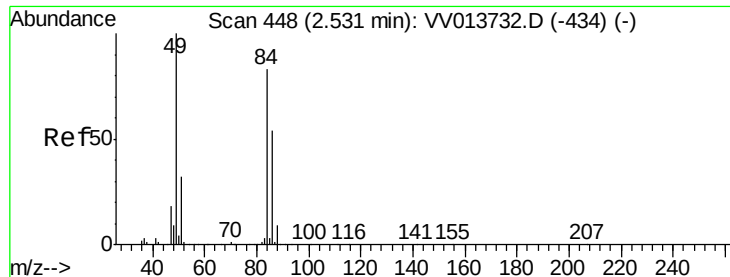
1000

500

0

Time--> 2.40 2.45 2.50

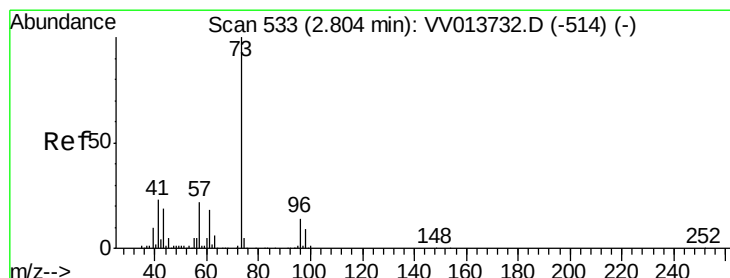
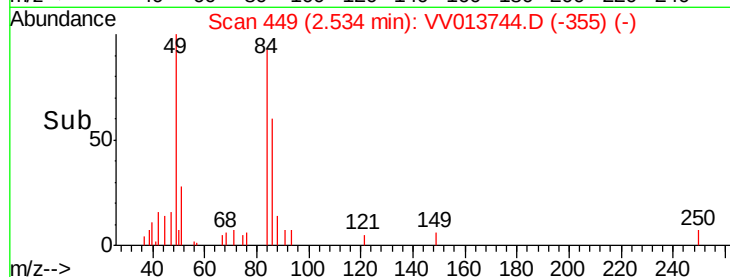
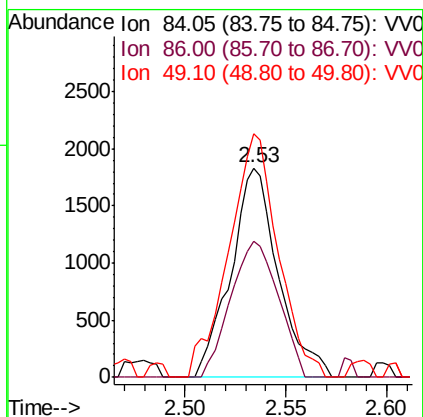
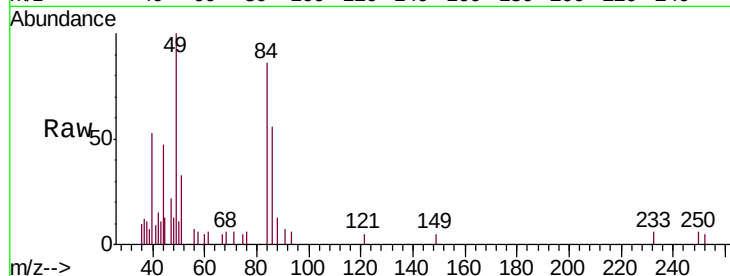




#16
Methylene chloride
Concen: 0.140 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

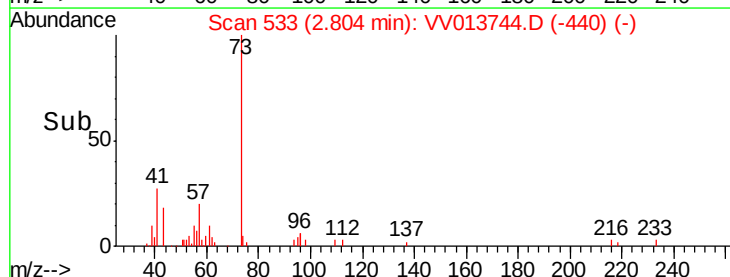
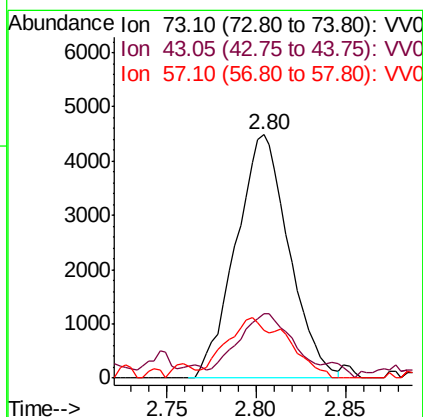
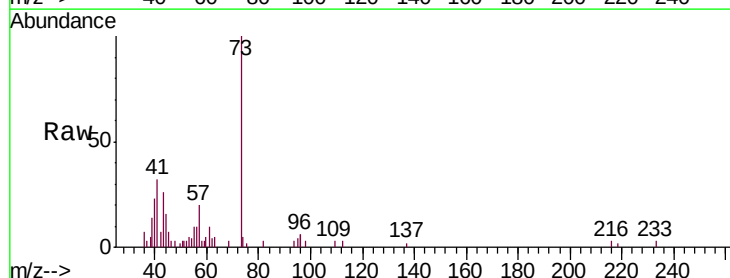
Instrument :
MSVOA_V
ClientSampled :
B0AC1

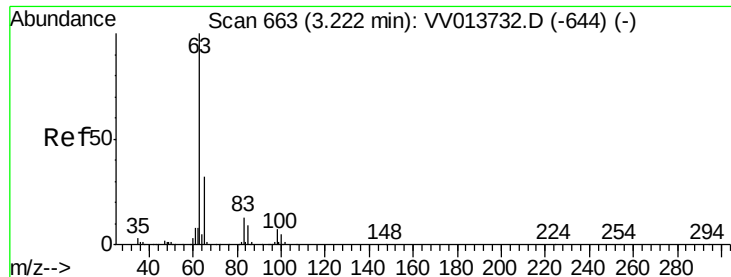
Tgt Ion: 84 Resp: 3023
Ion Ratio Lower Upper
84 100
86 64.8 44.0 81.6
49 116.5 81.5 151.5



#17
Methyl tert-butyl Ether
Concen: 0.215 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013744.D
Acq: 22 Nov 2019 19:23

Tgt Ion: 73 Resp: 9316
Ion Ratio Lower Upper
73 100
43 21.9 15.5 23.3
57 15.2 17.5 26.3#

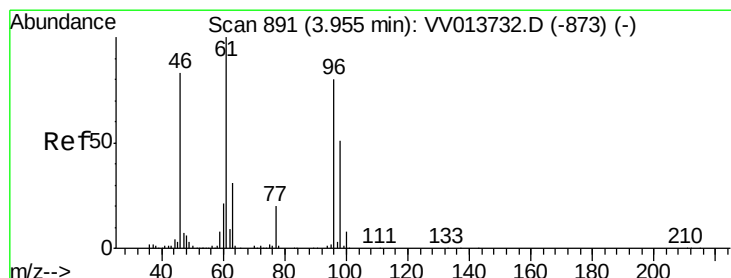
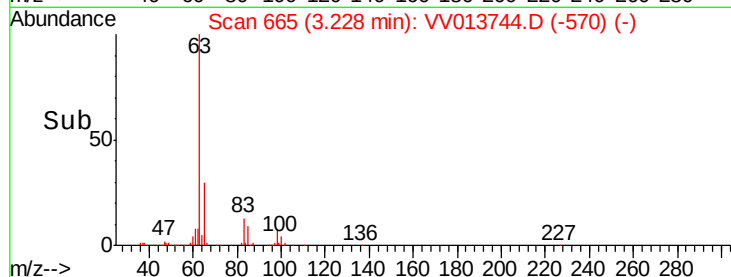
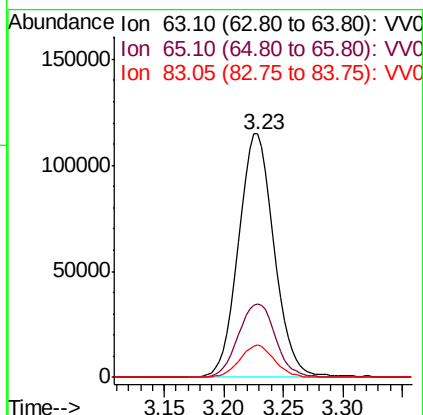
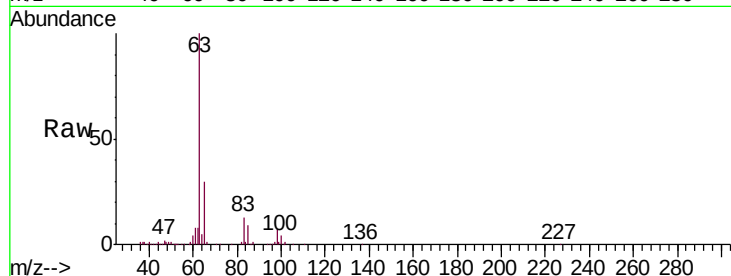




#19
 1,1-Dichloroethane
 Concen: 6.690 ug/L
 RT: 3.23 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

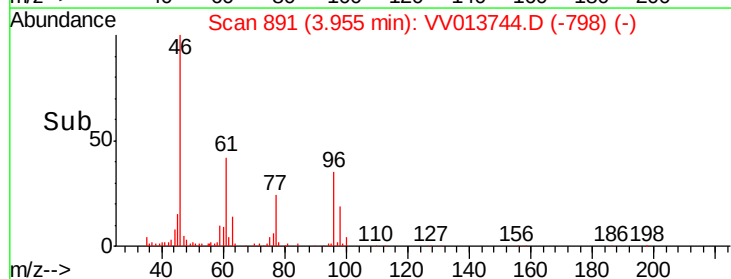
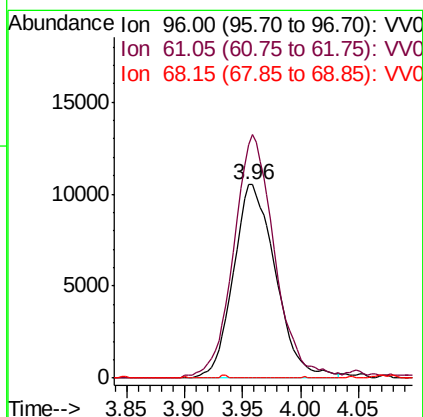
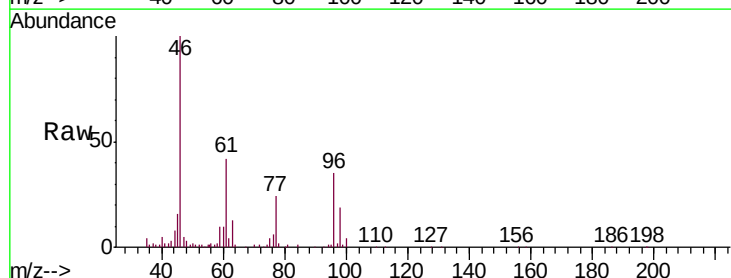
Instrument :
 MSVOA_V
 ClientSampled :
 B0AC1

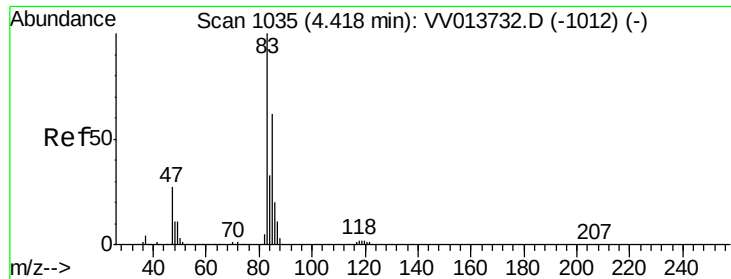
Tgt Ion: 63 Resp: 238468
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.7 42.1
 83 13.2 9.2 17.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.270 ug/L
 RT: 3.96 min Scan# 891
 Delta R.T. -0.00 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

Tgt Ion: 96 Resp: 26600
 Ion Ratio Lower Upper
 96 100
 61 120.5 86.1 159.9
 68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.490 ug/L

RT: 4.43 min Scan# 1038

Delta R.T. 0.01 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

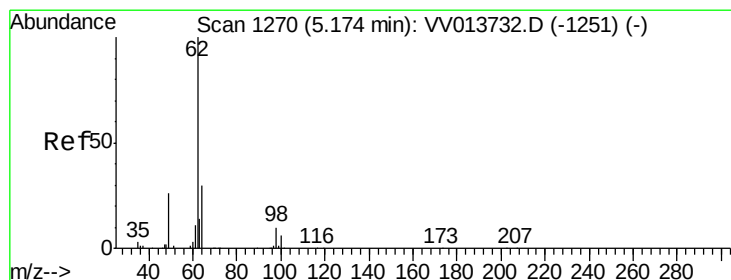
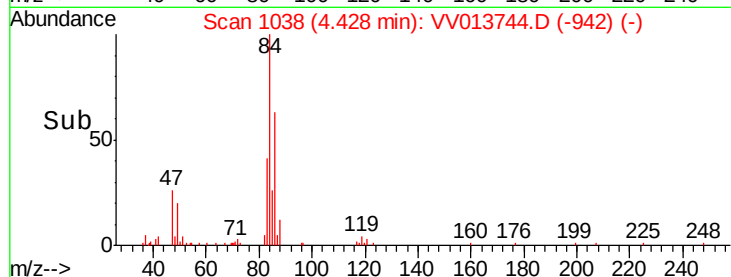
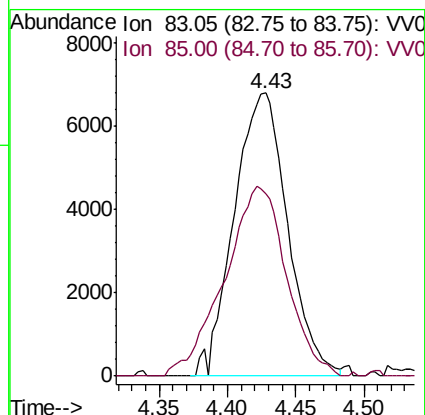
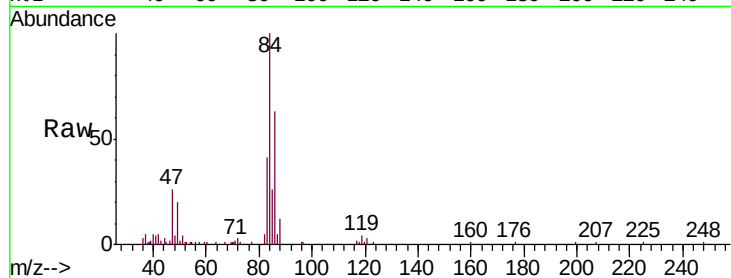
B0AC1

Tgt Ion: 83 Resp: 18517

Ion Ratio Lower Upper

83 100

85 64.6 45.1 83.7



#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.10 min Scan# 1246

Delta R.T. -0.08 min

Lab File: VV013744.D

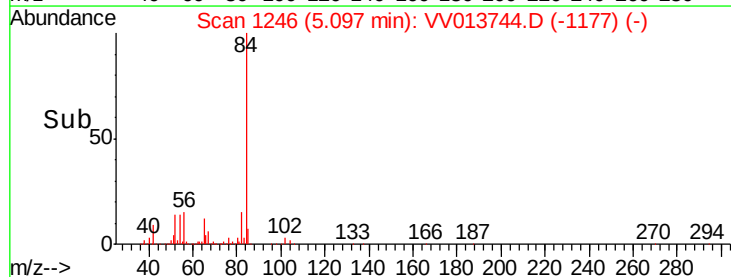
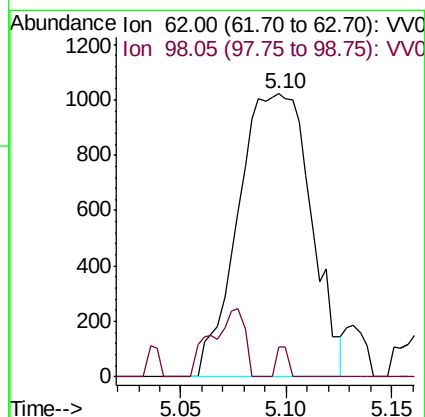
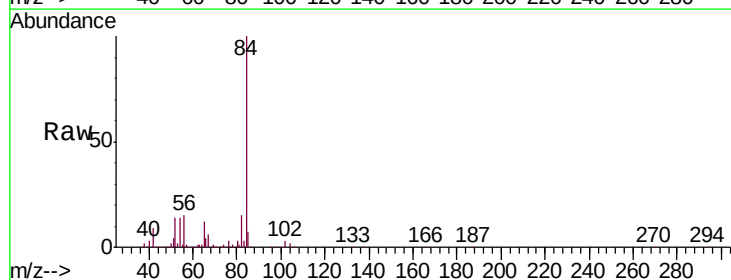
Acq: 22 Nov 2019 19:23

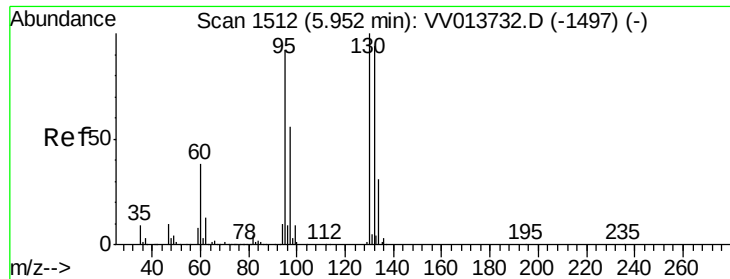
Tgt Ion: 62 Resp: 2449

Ion Ratio Lower Upper

62 100

98 10.6 8.2 12.2





#34

Trichloroethene

Concen: 68.310 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampled :

B0AC1

Tgt Ion: 95 Resp: 1523697

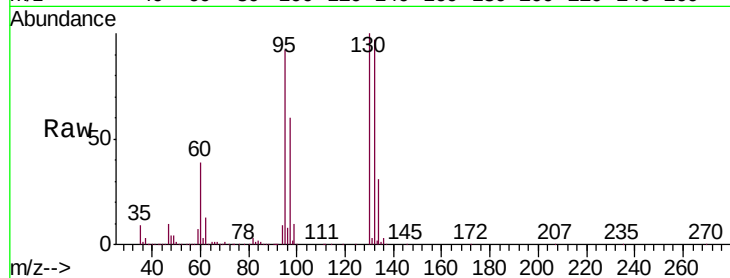
Ion Ratio Lower Upper

95 100

97 65.2 45.6 84.8

132 104.8 70.5 130.9

130 108.6 75.9 140.9

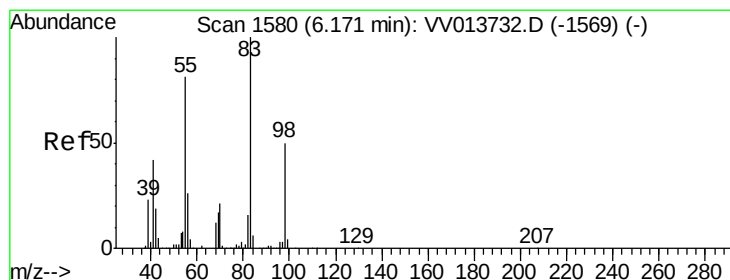
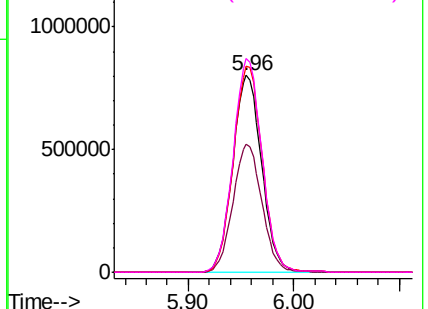
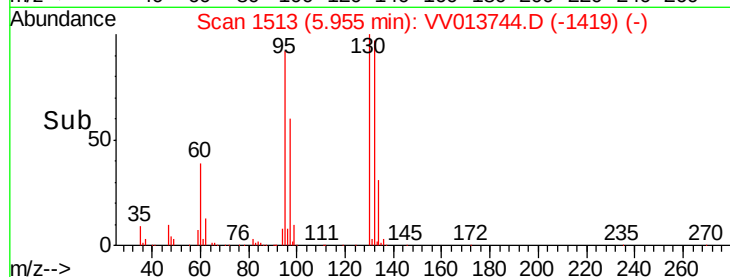


Abundance Ion 95.00 (94.70 to 95.70): VV013732.D (-1497) (-)

Ion 96.95 (96.65 to 97.65): VV013732.D (-1497) (-)

Ion 131.95 (131.65 to 132.65): VV013732.D (-1497) (-)

Ion 129.95 (129.65 to 130.65): VV013732.D (-1497) (-)



#35

Methylcyclohexane

Concen: 1.118 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

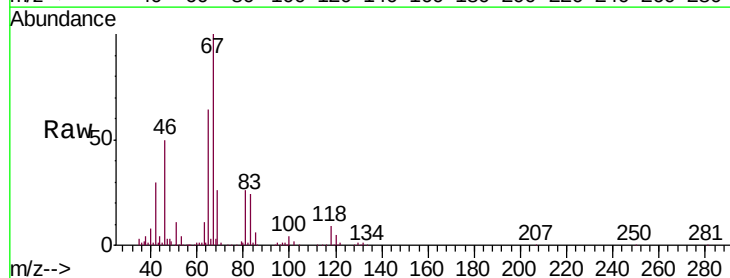
Tgt Ion: 83 Resp: 33285

Ion Ratio Lower Upper

83 100

55 0.3 60.3 90.5#

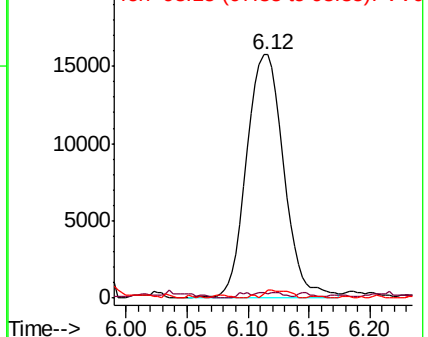
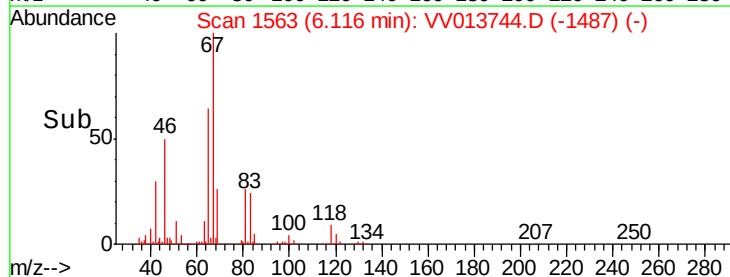
98 0.0 38.1 57.1#

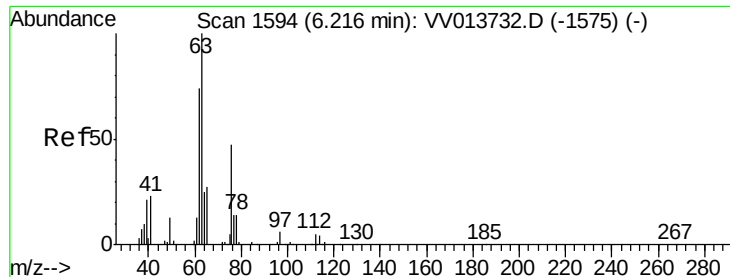


Abundance Ion 83.15 (82.85 to 83.85): VV013732.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV013732.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV013732.D (-1569) (-)

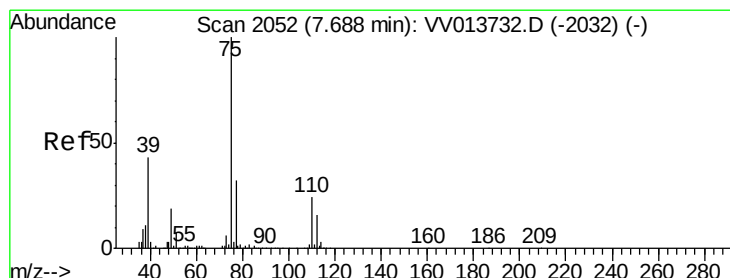
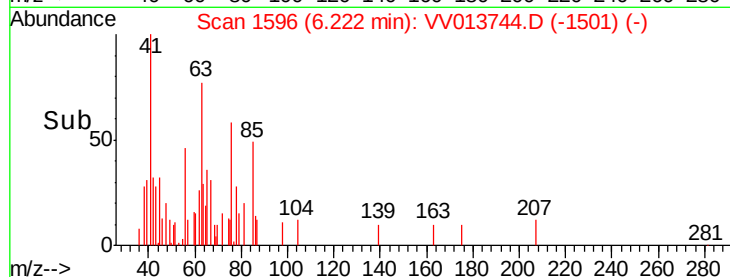
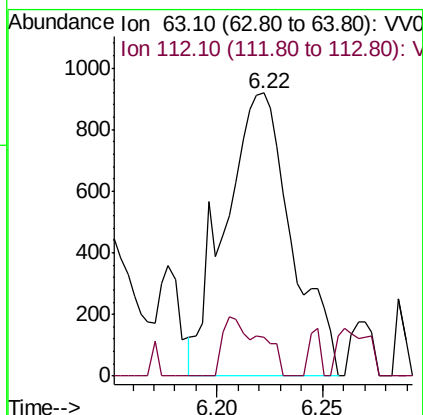
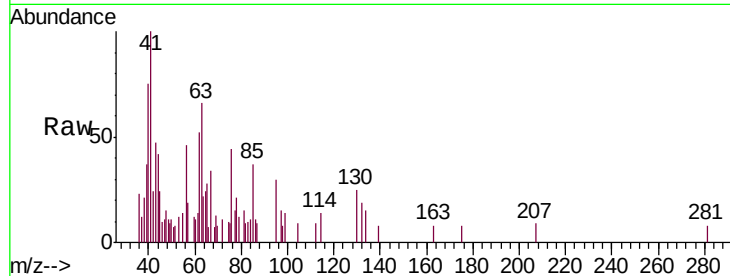




#37
 1,2-Dichloropropane
 Concen: 0.097 ug/L
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

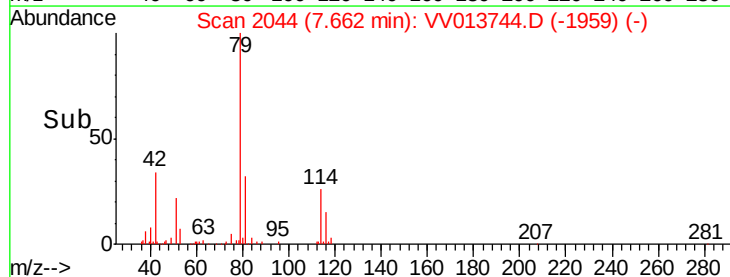
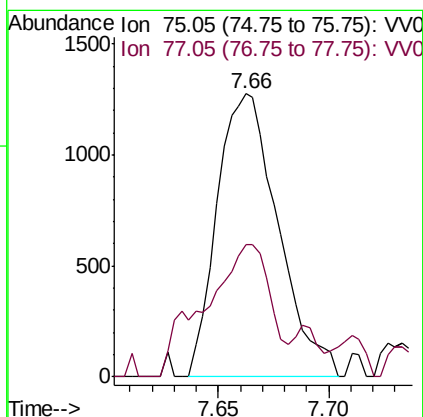
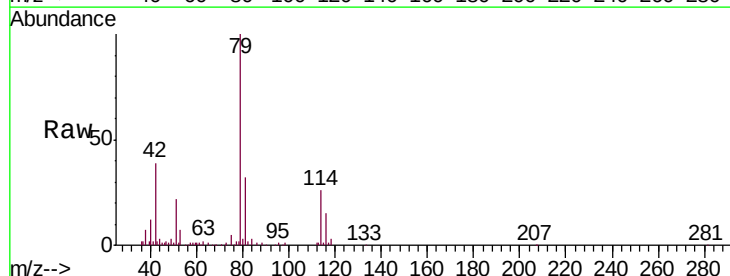
Instrument :
 MSVOA_V
 ClientSampled :
 B0AC1

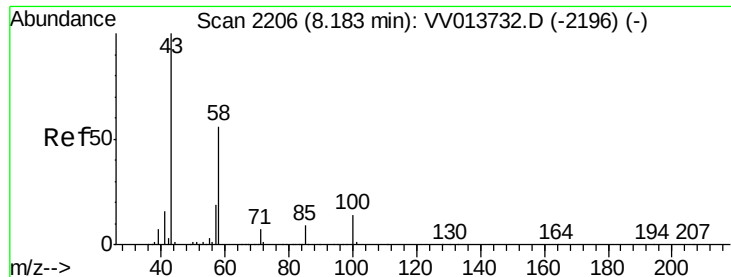
Tgt Ion: 63 Resp: 2021
 Ion Ratio Lower Upper
 63 100
 112 11.9 4.4 6.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.106 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV013744.D
 Acq: 22 Nov 2019 19:23

Tgt Ion: 75 Resp: 2438
 Ion Ratio Lower Upper
 75 100
 77 46.7 23.0 42.8#





#48

2-Hexanone

Concen: 1.121 ug/L

RT: 8.19 min Scan# 2207

Delta R.T. 0.00 min

Lab File: VV013744.D

Acq: 22 Nov 2019 19:23

Instrument :

MSVOA_V

ClientSampleId :

B0AC1

Tgt Ion: 43 Resp: 9700

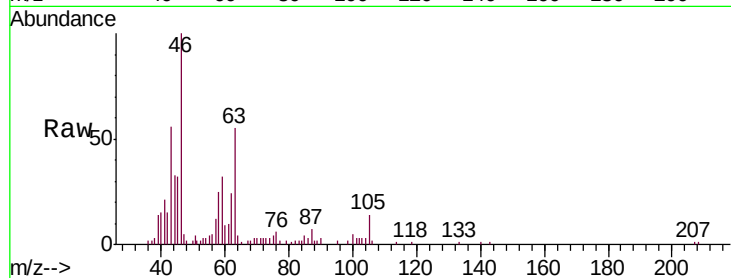
Ion Ratio Lower Upper

43 100

58 48.6 43.2 64.8

57 0.0 15.4 23.2#

100 5.7 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

