

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030420\
 Data File : VV014742.D
 Acq On : 04 Mar 2020 18:35
 Operator : SY/MD
 Sample : L1782-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 05 06:31:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR022820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 05 06:28:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	238619	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	232026	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	112412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	72455	3.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.60%
7) Chloroethane-d5	1.58	69	63966	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.13	63	97326	3.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.20%
20) 2-Butanone-d5	3.96	46	221334	57.32	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	4.40	84	151027	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	85383	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	5.10	84	316865	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.12	67	103124	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.36	98	280842	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	37562	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.14	63	148479	45.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	77659	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	106852	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

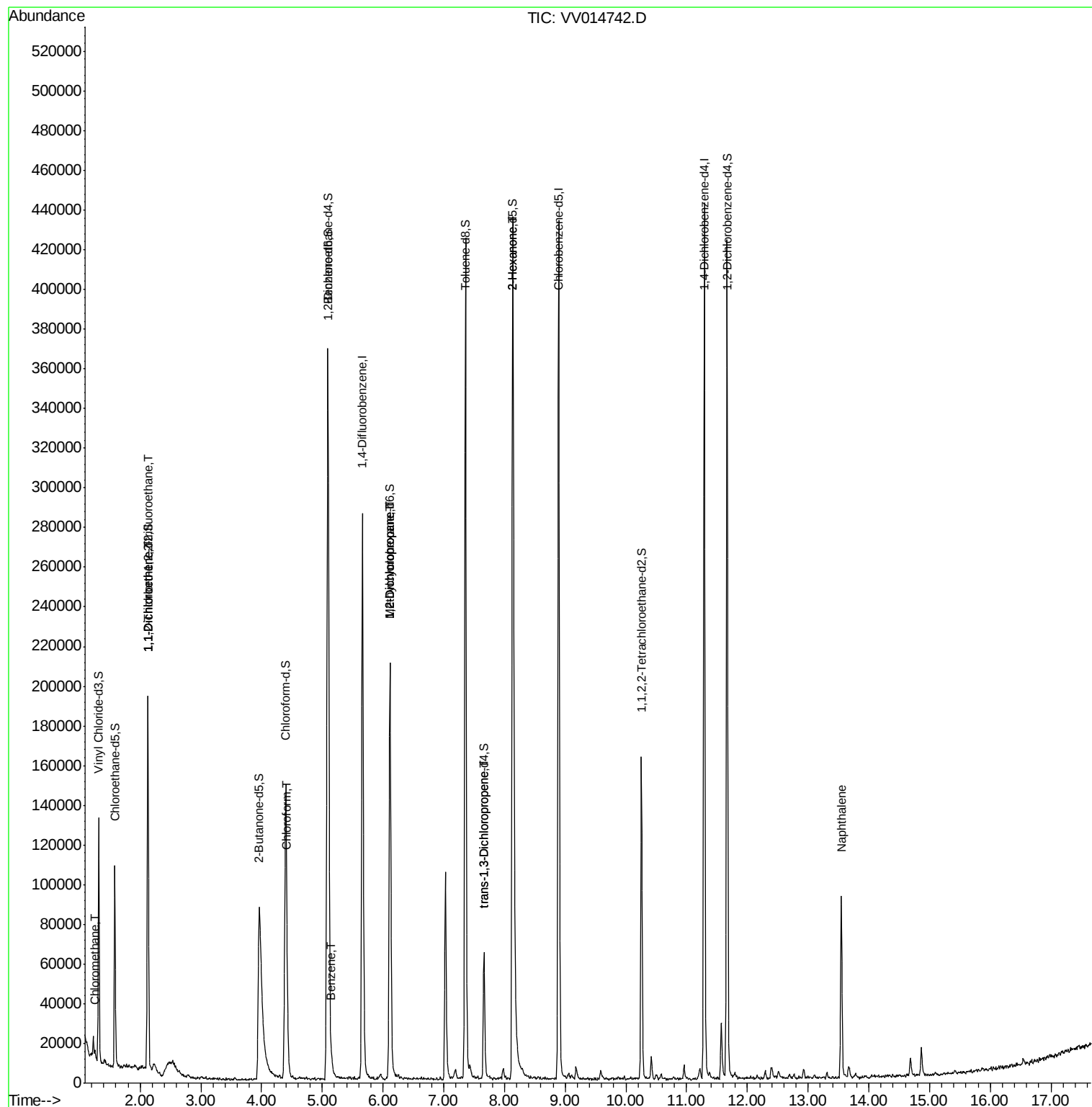
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	2677	0.111	ug/L	87
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1126	0.071	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1094	0.073	ug/L #	1
25) Chloroform	4.42	83	8791	0.252	ug/L	90
33) Benzene	5.15	78	5961	0.078	ug/L	100
35) Methylcyclohexane	6.12	83	23446	0.691	ug/L #	18
37) 1,2-Dichloropropane	6.11	63	11509	0.591	ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	1598	0.073	ug/L	91
48) 2-Hexanone	8.14	43	28175	3.393	ug/L #	89
69) Naphthalene	13.55	128	70935	1.627	ug/L	99

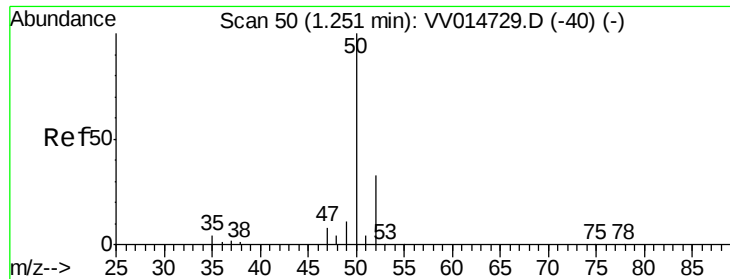
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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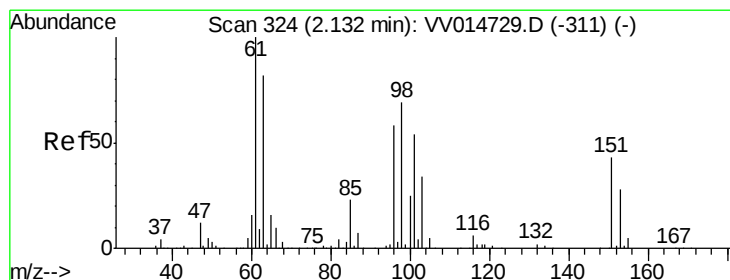
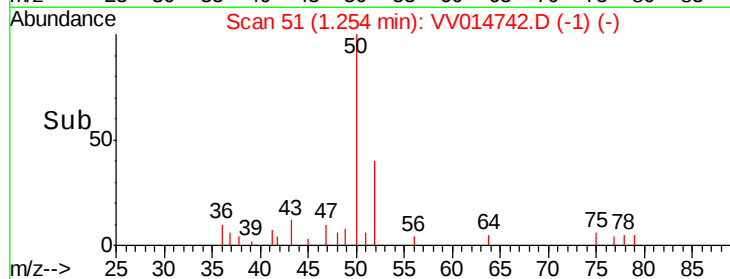
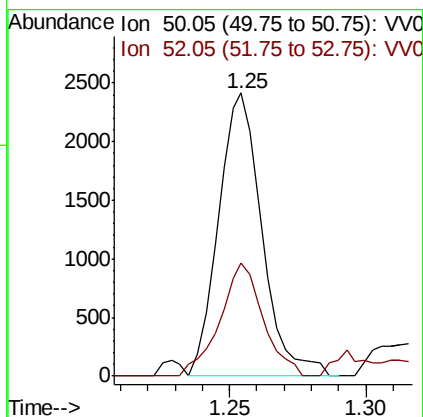
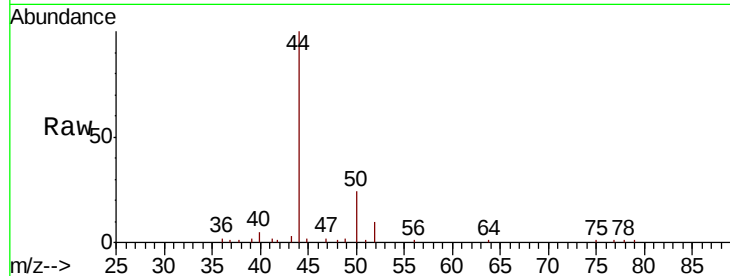




#3
Chloromethane
Concen: 0.111 ug/L
RT: 1.25 min Scan# 51
Delta R.T. 0.00 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

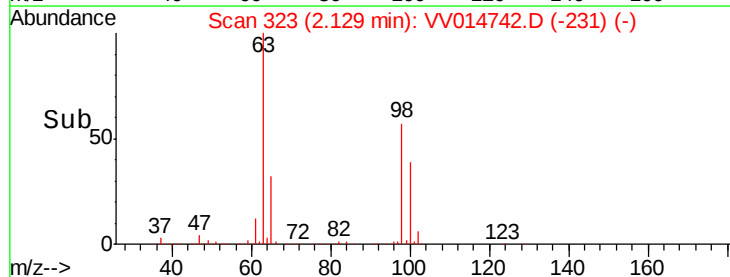
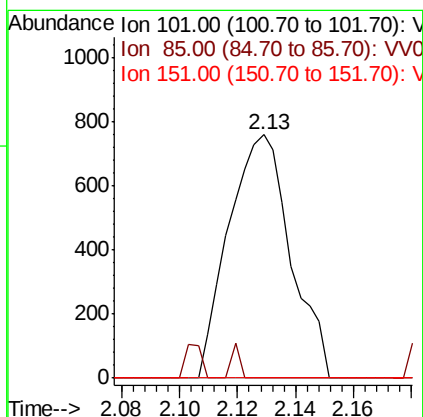
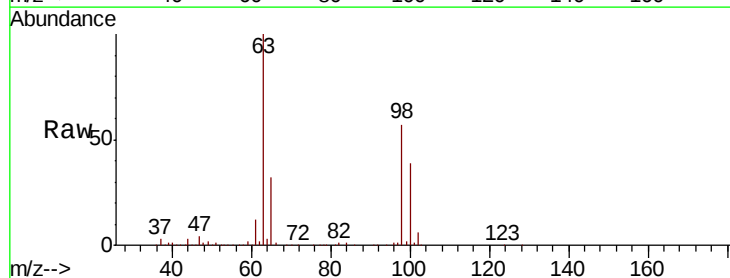
Instrument :
MSVOA_V
ClientSampled :

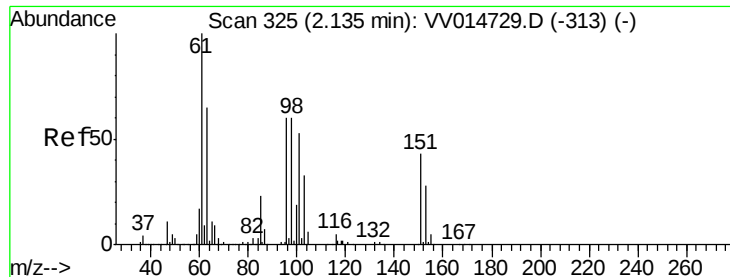
Tot Ion: 50 Resp: 2677
Ion Ratio Lower Upper
50 100
52 40.1 22.9 42.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.071 ug/L
RT: 2.13 min Scan# 323
Delta R.T. -0.00 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

Tgt Ion:101 Resp: 1126
Ion Ratio Lower Upper
101 100
85 1.9 35.3 52.9#
151 0.0 65.3 97.9#





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV014742.D

Acq: 04 Mar 2020 18:35

Instrument :

MSVOA_V

ClientSampleId :

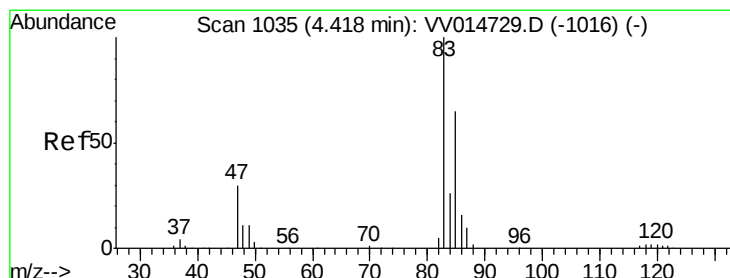
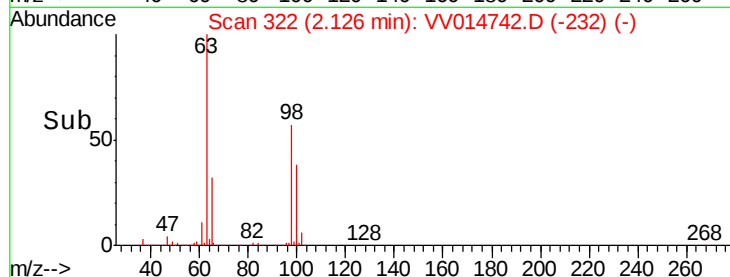
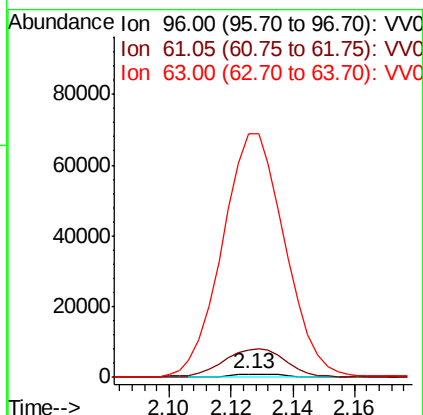
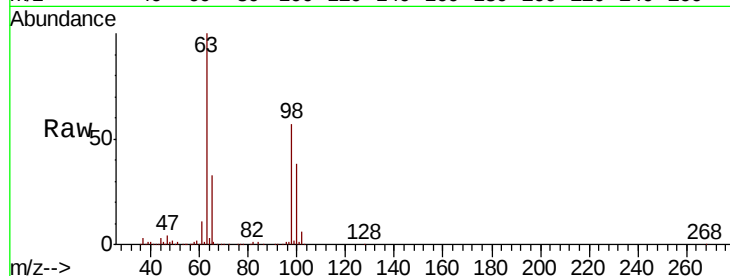
Tot Ion: 96 Resp: 1094

Ion Ratio Lower Upper

96 100

61 922.0 121.3 225.3#

63 8082.8 81.6 151.6#



#25

Chloroform

Concen: 0.252 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VV014742.D

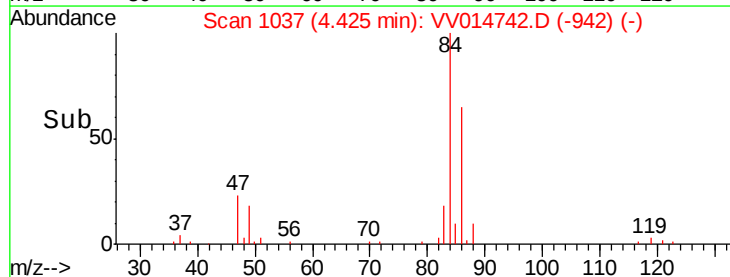
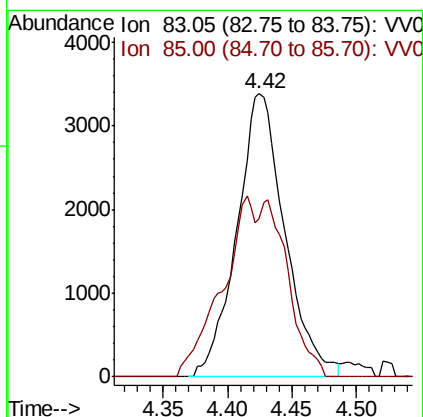
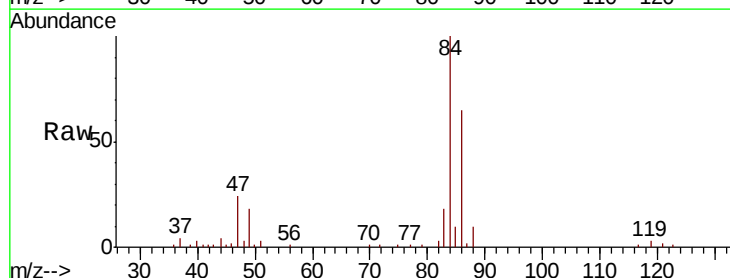
Acq: 04 Mar 2020 18:35

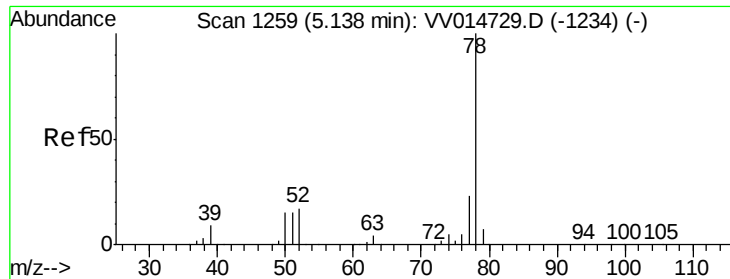
Tgt Ion: 83 Resp: 8791

Ion Ratio Lower Upper

83 100

85 55.8 44.7 83.1

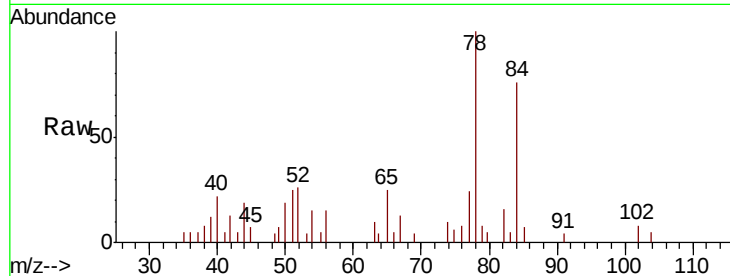




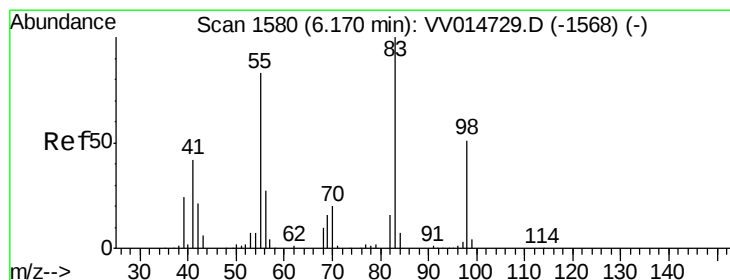
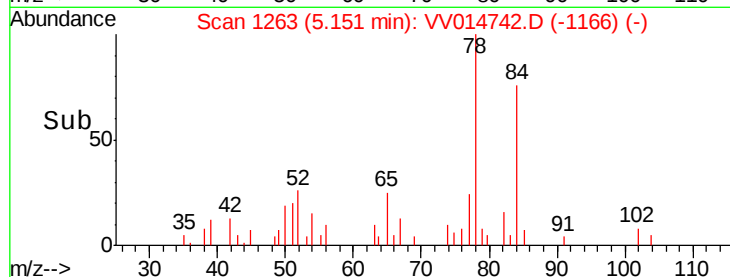
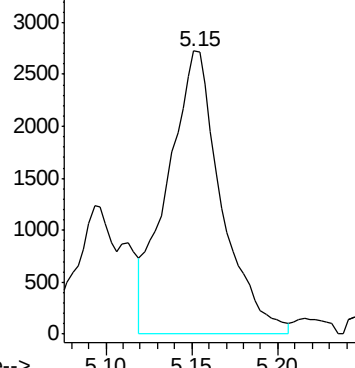
#33
Benzene
Concen: 0.078 ug/L
RT: 5.15 min Scan# 1263
Delta R.T. 0.01 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

Instrument :
MSVOA_V
ClientSampled :

Tgt Ion: 78 Resp: 5961

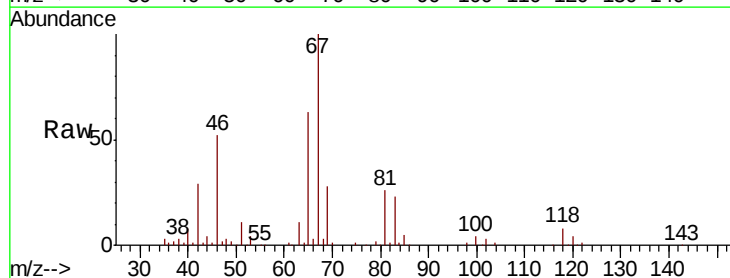


Abundance Ion 78.10 (77.80 to 78.80): VV0



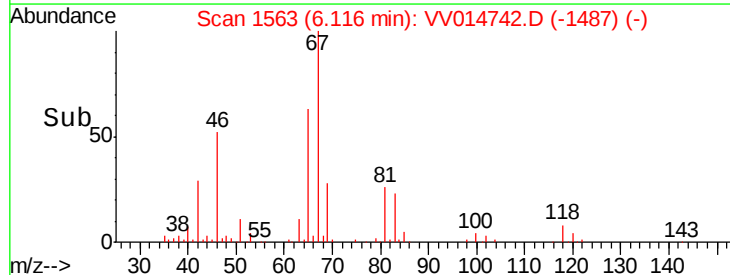
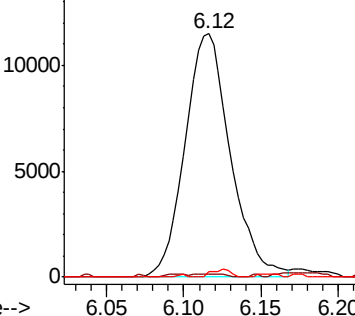
#35
Methylcyclohexane
Concen: 0.691 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

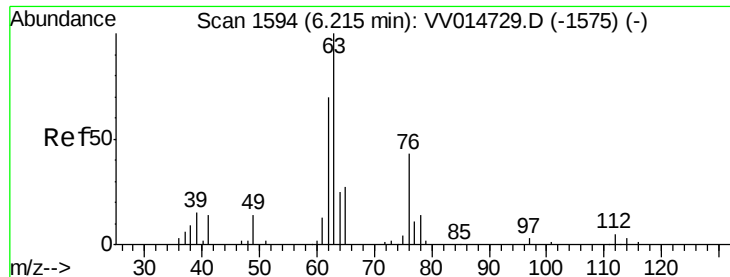
Tgt Ion: 83 Resp: 23446
Ion Ratio Lower Upper
83 100
55 0.9 64.6 96.8#
98 1.3 37.8 56.8#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.591 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV014742.D

Acq: 04 Mar 2020 18:35

Instrument :

MSVOA_V

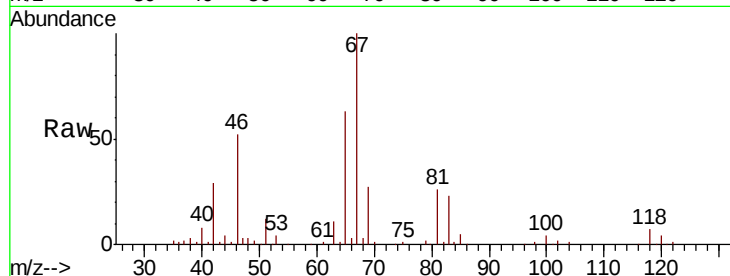
ClientSampleId :

Tot Ion: 63 Resp: 11509

Ion Ratio Lower Upper

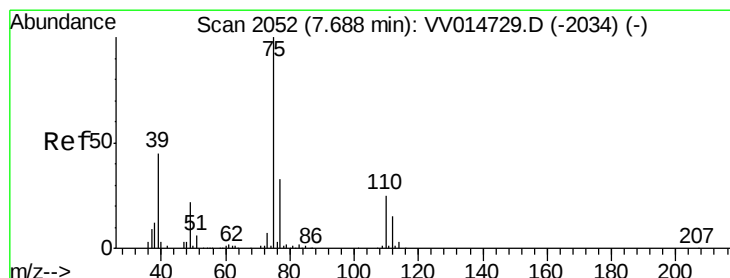
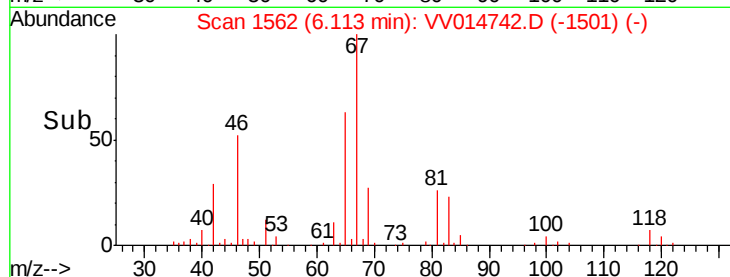
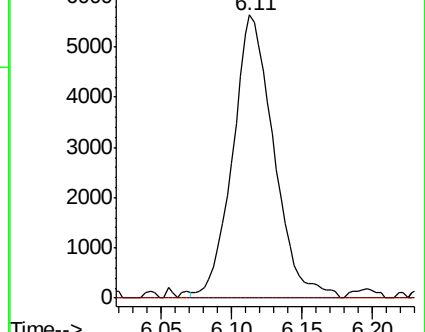
63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV014729.D (-1575) (-)

Ion 112.10 (111.80 to 112.80): VV014729.D (-1575) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.073 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014742.D

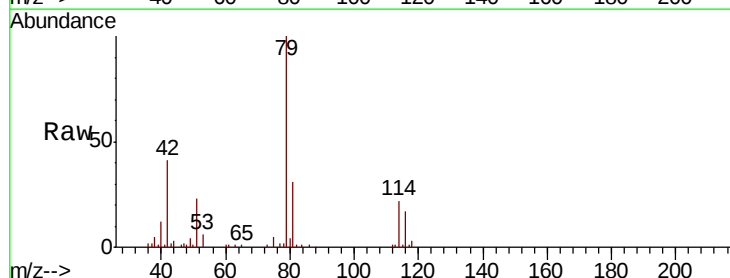
Acq: 04 Mar 2020 18:35

Tgt Ion: 75 Resp: 1598

Ion Ratio Lower Upper

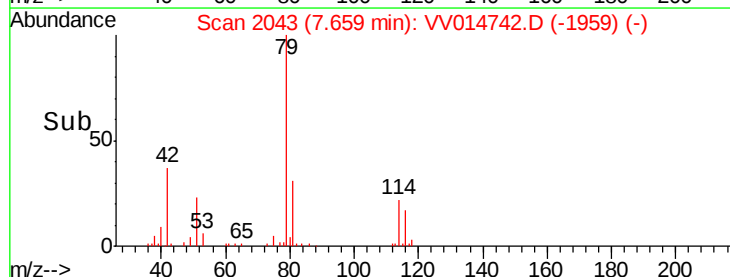
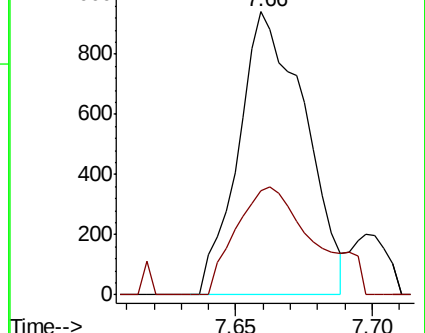
75 100

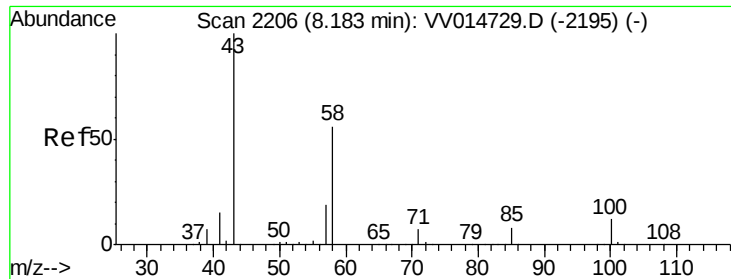
77 37.0 22.5 41.9



Abundance Ion 75.05 (74.75 to 75.75): VV014729.D (-2034) (-)

Ion 77.05 (76.75 to 77.75): VV014729.D (-2034) (-)

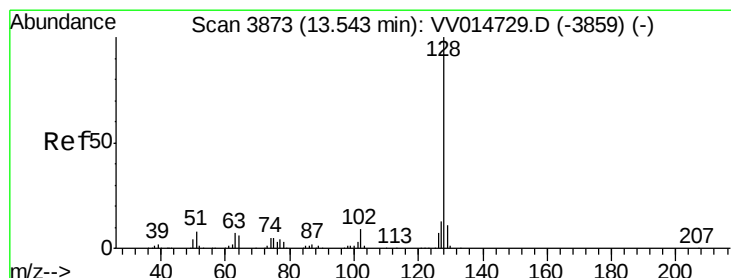
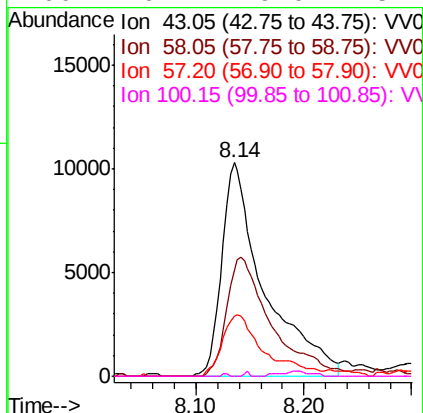
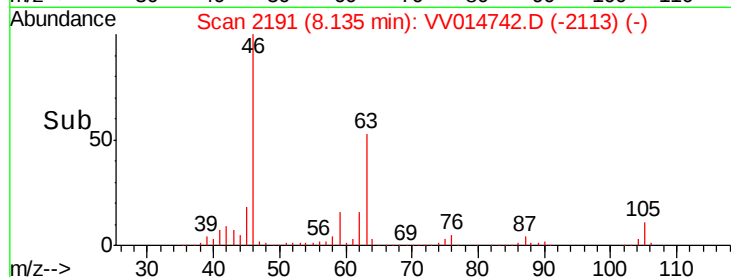
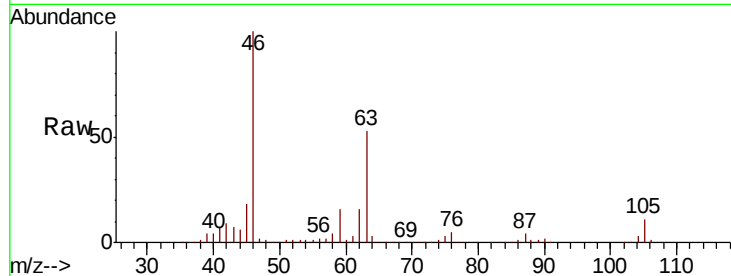




#48
2-Hexanone
Concen: 3.393 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 28175
Ion Ratio Lower Upper
43 100
58 58.5 43.1 64.7
57 24.4 14.6 21.8#
100 0.2 9.0 13.4#



#69
Naphthalene
Concen: 1.627 ug/L
RT: 13.55 min Scan# 3874
Delta R.T. 0.00 min
Lab File: VV014742.D
Acq: 04 Mar 2020 18:35

Tgt Ion:128 Resp: 70935
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.7 16.1

