

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013276.D
 Acq On : 22 Oct 2019 14:00
 Operator : SY/MD
 Sample : K5462-02
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:26:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	361781	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	395279	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	197108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	165409	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.58	69	141047	6.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	128.20%
11) 1,1-Dichloroethene-d2	2.13	63	200785	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.60%
20) 2-Butanone-d5	3.97	46	401622	78.41	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	156.82%#
24) Chloroform-d	4.40	84	358868	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.08	65	174490	6.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.00%
32) Benzene-d6	5.10	84	714802	5.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.60%
36) 1,2-Dichloropropane-d6	6.12	67	222031	5.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.40%
41) Toluene-d8	7.36	98	569583	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	71449	4.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.00%
46) 2-Hexanone-d5	8.14	63	243460	46.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	155041	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	231204	6.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.60%#

Target Compounds

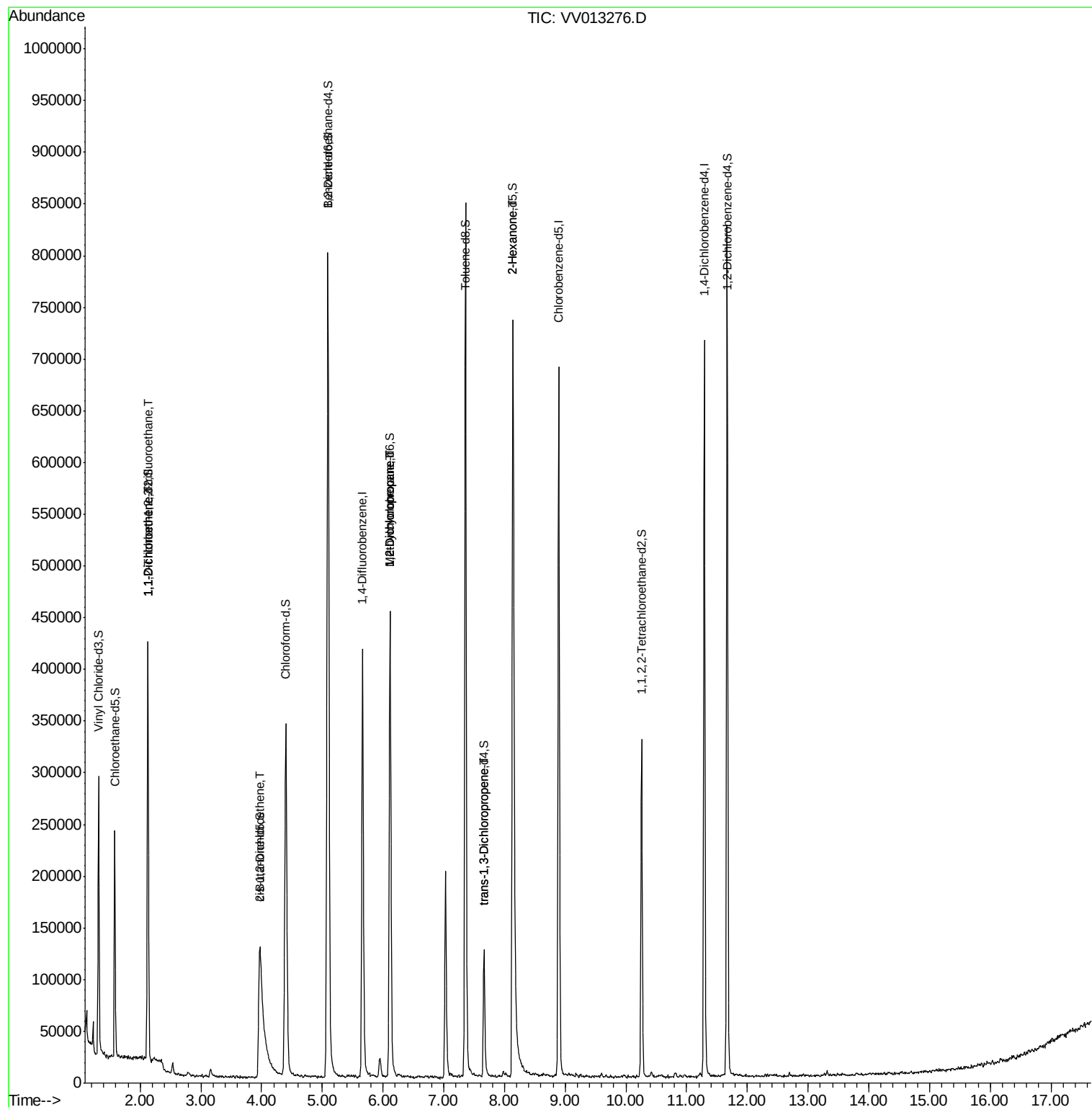
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2505	0.084 ug/L #	25
12) 1,1-Dichloroethene	2.13	96	2679	0.094 ug/L #	1
22) cis-1,2-Dichloroethene	3.96	96	4017	0.112 ug/L #	97
35) Methylcyclohexane	6.12	83	54373	0.873 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	24367	0.665 ug/L #	86
44) trans-1,3-Dichloropropene	7.67	75	2786	0.071 ug/L	91
48) 2-Hexanone	8.14	43	37056	2.770 ug/L #	83

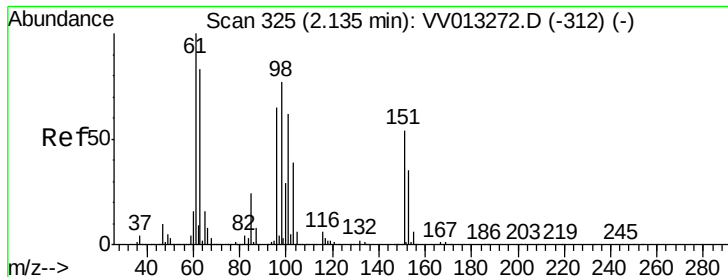
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013276.D

Acq: 22 Oct 2019 14:00

Instrument :

MSVOA_V

ClientSampleId :

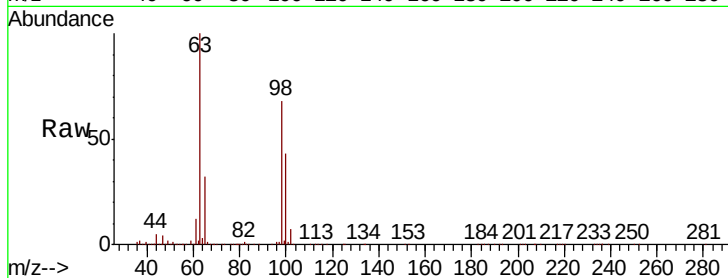
Tot Ion:101 Resp: 2505

Ion Ratio Lower Upper

101 100

85 7.8 31.8 47.8#

151 9.9 72.9 109.3#

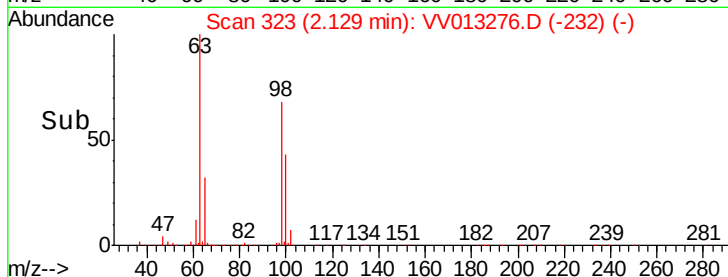


Abundance Ion 101.00 (100.70 to 101.70): VV013272.D (-312) (-)

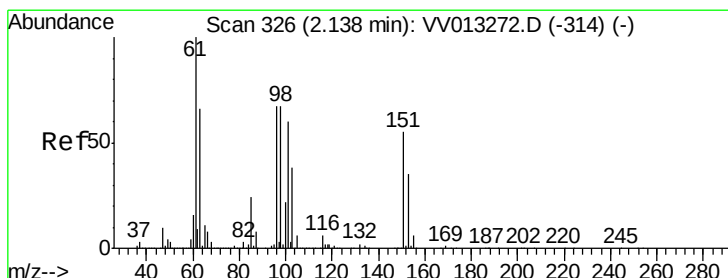
Ion 85.00 (84.70 to 85.70): VV013272.D (-312) (-)

Ion 151.00 (150.70 to 151.70): VV013272.D (-312) (-)

Time-->



Time-->



#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013276.D

Acq: 22 Oct 2019 14:00

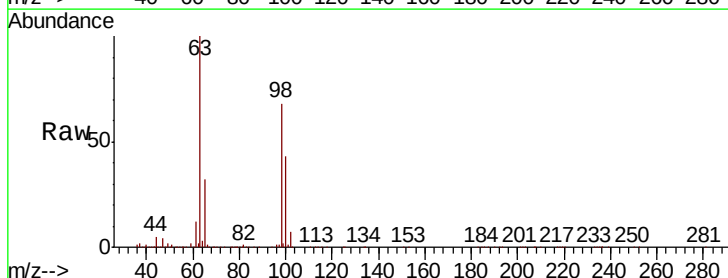
Tgt Ion: 96 Resp: 2679

Ion Ratio Lower Upper

96 100

61 1089.3 104.0 193.1#

63 8846.5 67.1 124.5#

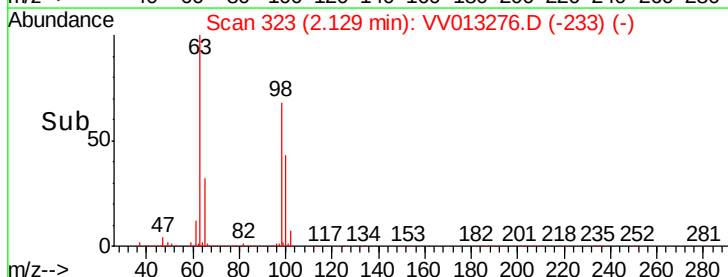


Abundance Ion 96.00 (95.70 to 96.70): VV013276.D (-233) (-)

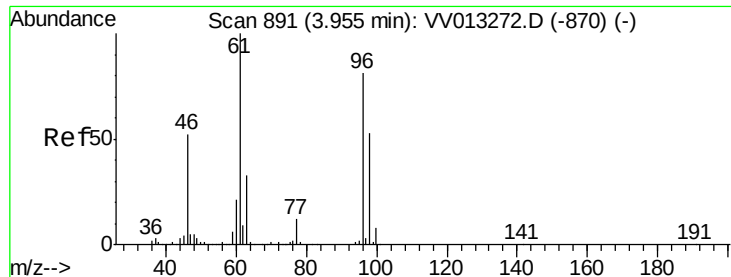
Ion 61.05 (60.75 to 61.75): VV013276.D (-233) (-)

Ion 63.00 (62.70 to 63.70): VV013276.D (-233) (-)

Time-->



Time-->



#22

cis-1,2-Dichloroethene

Concen: 0.112 ug/L

RT: 3.96 min Scan# 893

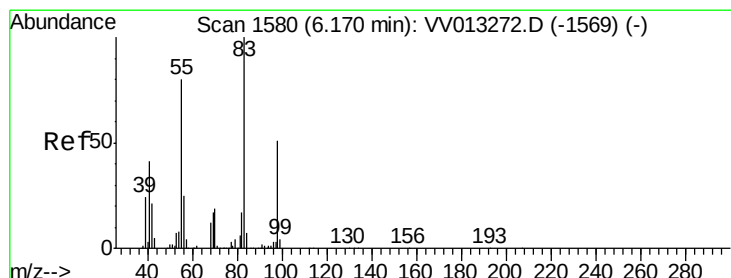
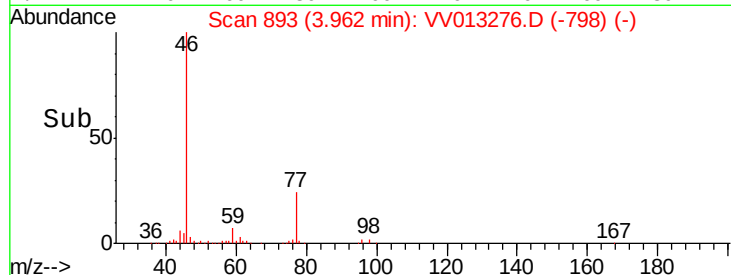
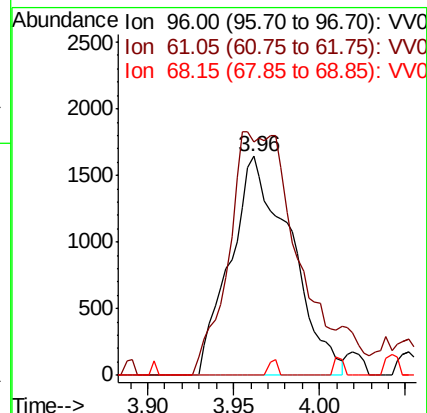
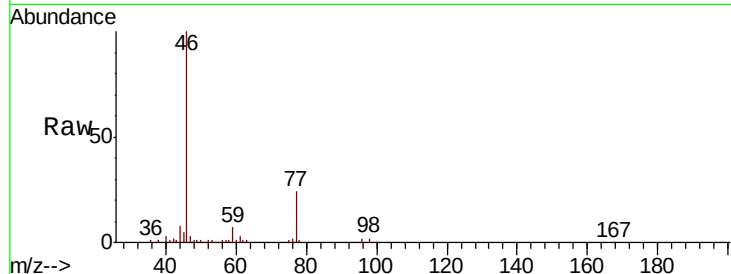
Delta R.T. 0.01 min

Lab File: VV013276.D

Acq: 22 Oct 2019 14:00

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	96	Resp:	4017
Ion	Ratio	Lower	Upper
96	100		
61	106.9	77.3	143.7
68	0.0	0.1	0.1#



#35

Methylcyclohexane

Concen: 0.873 ug/L

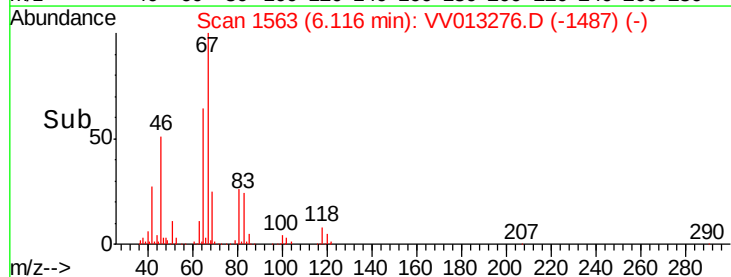
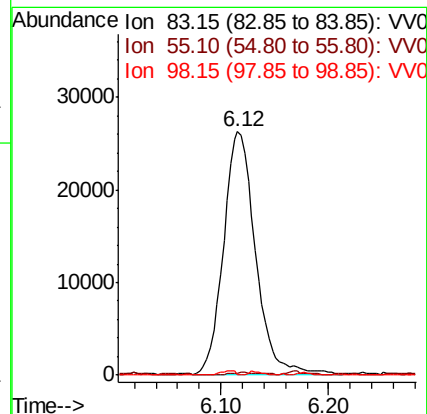
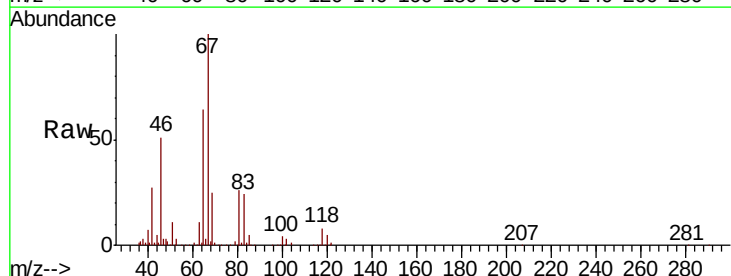
RT: 6.12 min Scan# 1563

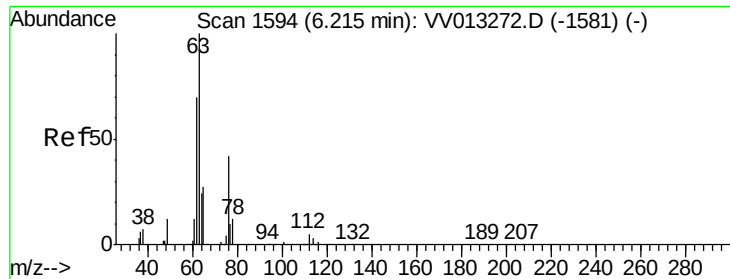
Delta R.T. -0.05 min

Lab File: VV013276.D

Acq: 22 Oct 2019 14:00

Tgt Ion:	83	Resp:	54373
Ion	Ratio	Lower	Upper
83	100		
55	0.1	62.4	93.6#
98	0.8	39.2	58.8#

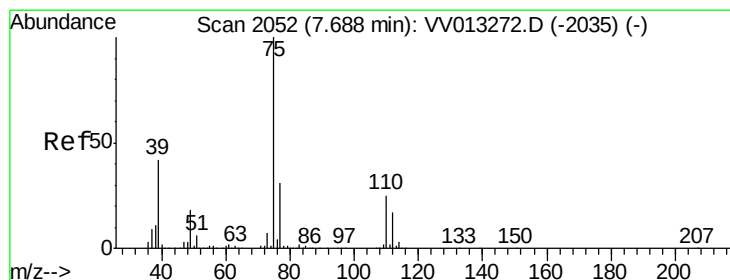
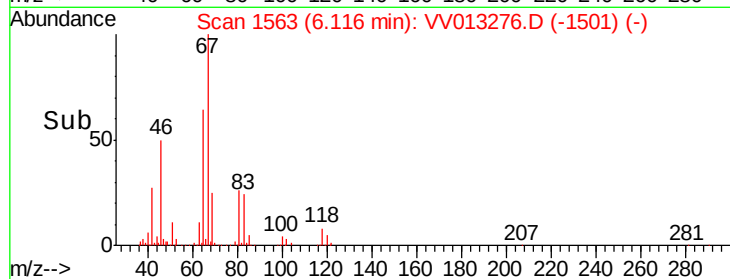
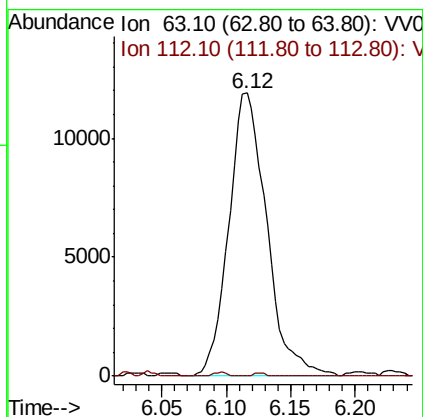
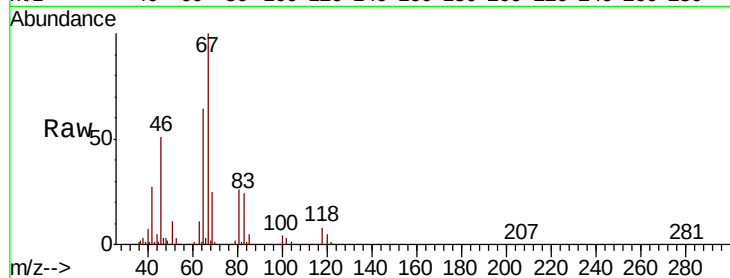




#37
 1,2-Dichloropropane
 Concen: 0.665 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013276.D
 Acq: 22 Oct 2019 14:00

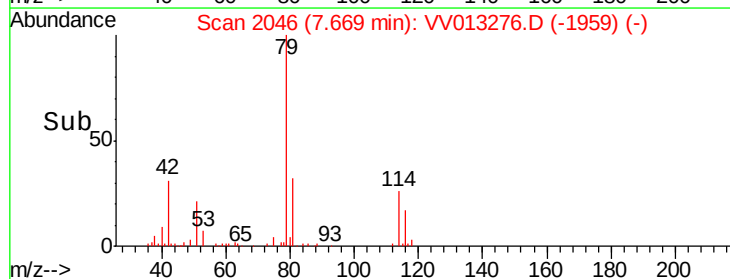
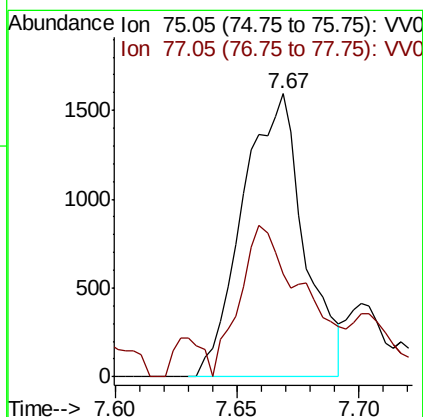
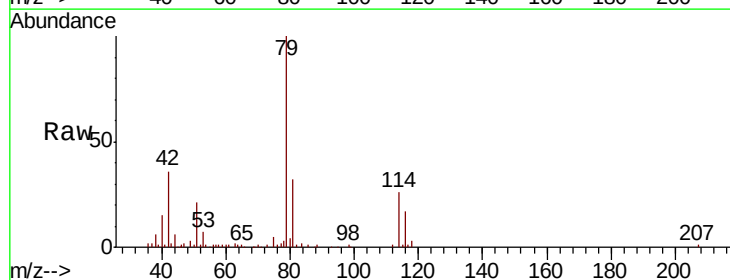
Instrument :
 MSVOA_V
 ClientSampleId :

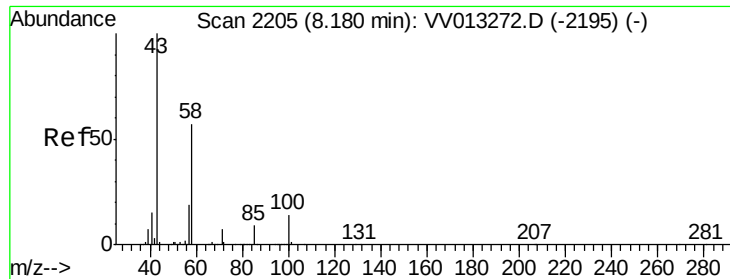
Tot Ion: 63 Resp: 24367
 Ion Ratio Lower Upper
 63 100
 112 0.3 4.1 6.1#



#44
 trans-1,3-Dichloropropene
 Concen: 0.071 ug/L
 RT: 7.67 min Scan# 2046
 Delta R.T. -0.02 min
 Lab File: VV013276.D
 Acq: 22 Oct 2019 14:00

Tgt Ion: 75 Resp: 2786
 Ion Ratio Lower Upper
 75 100
 77 36.3 21.8 40.6





#48
 2-Hexanone
 Concen: 2.770 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.04 min
 Lab File: VV013276.D
 Acq: 22 Oct 2019 14:00

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	37056
Ion	Ratio	Lower	Upper
43	100		
58	56.3	45.1	67.7
57	48.5	15.5	23.3#
100	3.8	10.2	15.2#

