

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112719\
 Data File : VV013825.D
 Acq On : 27 Nov 2019 15:37
 Operator : SY/MD
 Sample : K6003-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE8

Quant Time: Dec 06 07:23:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 29 12:41:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	339262	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	322619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	145331	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65503	3.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.40%
7) Chloroethane-d5	1.58	69	67560	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	2.13	63	118340	3.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.00%
20) 2-Butanone-d5	3.93	46	168084	38.51	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.02%
24) Chloroform-d	4.40	84	156493	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
26) 1,2-Dichloroethane-d4	5.08	65	83198	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
32) Benzene-d6	5.10	84	309343	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
36) 1,2-Dichloropropane-d6	6.11	67	97364	3.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.60%
41) Toluene-d8	7.36	98	251308	3.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.40%#
43) trans-1,3-Dichloropropene-	7.66	79	29298	3.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	60.60%
46) 2-Hexanone-d5	8.13	63	116349	32.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	72290	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	109373	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

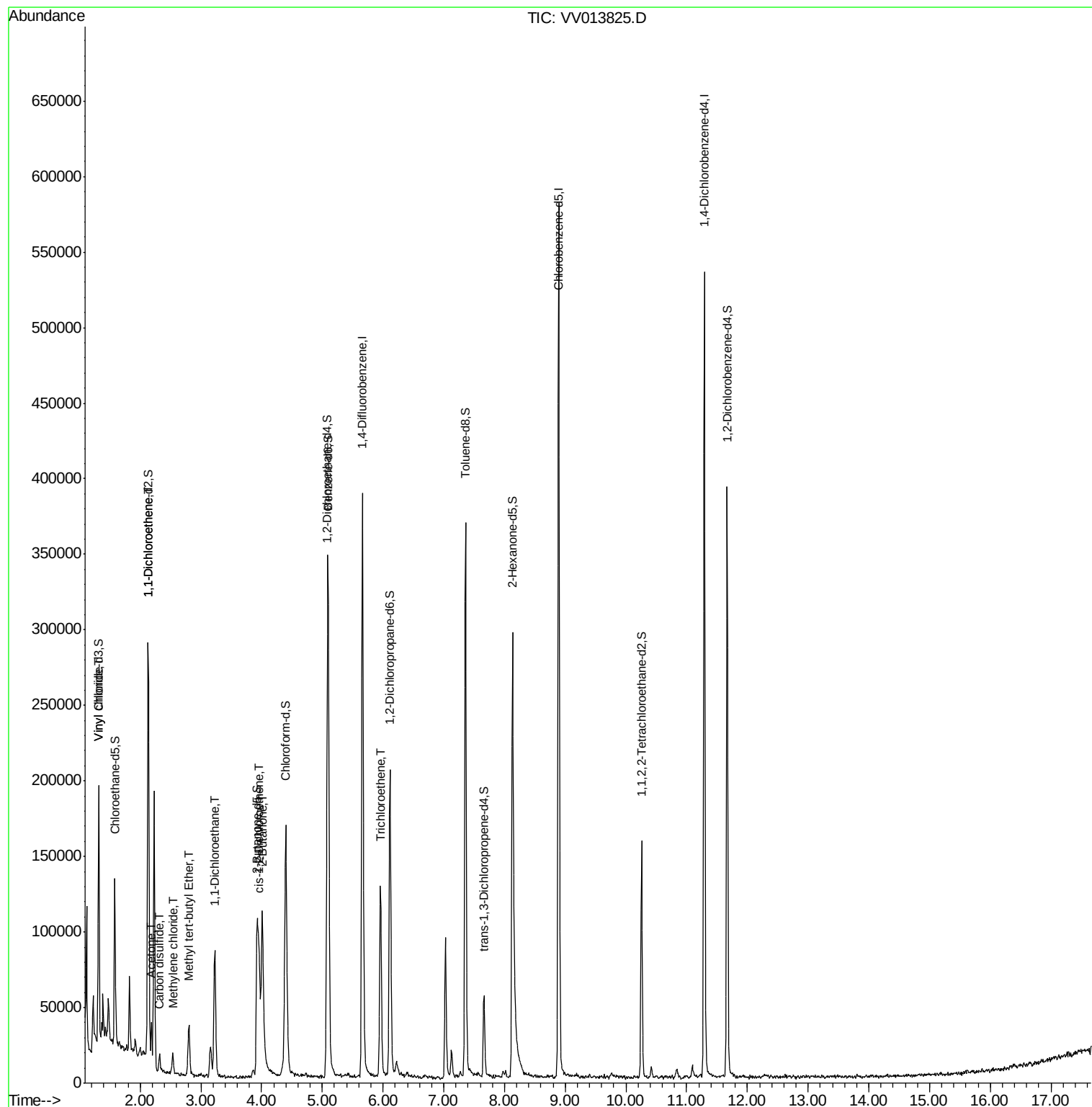
					Qvalue
5) Vinyl chloride	1.32	62	31174	1.538 ug/L #	70
12) 1,1-Dichloroethene	2.14	96	43317	2.656 ug/L	99
13) Acetone	2.19	43	30292	9.923 ug/L #	57
14) Carbon disulfide	2.32	76	17618	0.468 ug/L	98
16) Methylene chloride	2.54	84	5824	0.261 ug/L	88
17) Methyl tert-butyl Ether	2.80	73	30255	0.678 ug/L	98
19) 1,1-Dichloroethane	3.23	63	81725	2.223 ug/L	99
21) 2-Butanone	4.01	43	181407	39.316 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	31362	1.452 ug/L	97
34) Trichloroethene	5.96	95	45137	2.068 ug/L	97

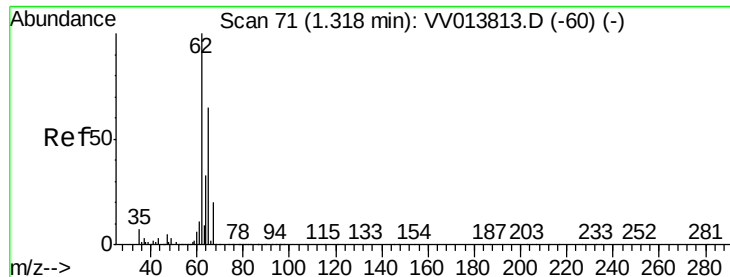
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 29 12:41:22 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.538 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013825.D

Acq: 27 Nov 2019 15:37

Instrument :

MSVOA_V

ClientSampleId :

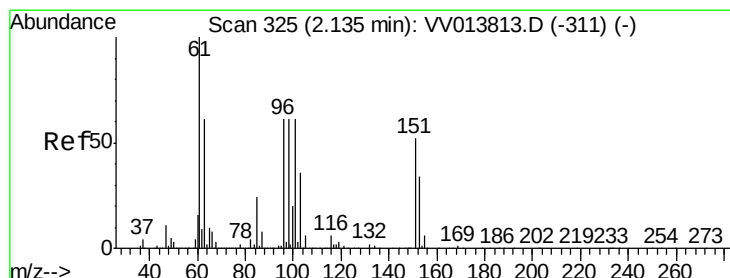
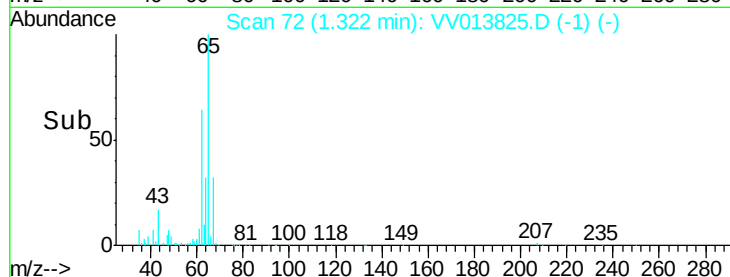
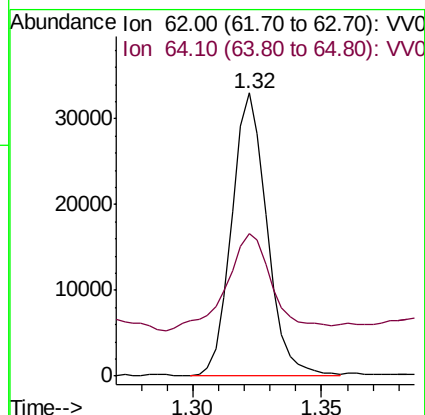
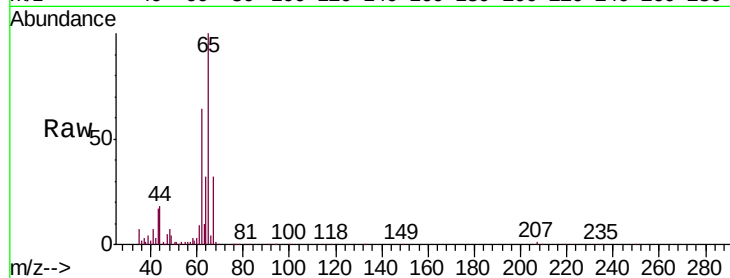
B0AE8

Tgt Ion: 62 Resp: 31174

Ion Ratio Lower Upper

62 100

64 50.6 23.3 43.3#



#12

1,1-Dichloroethene

Concen: 2.656 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.01 min

Lab File: VV013825.D

Acq: 27 Nov 2019 15:37

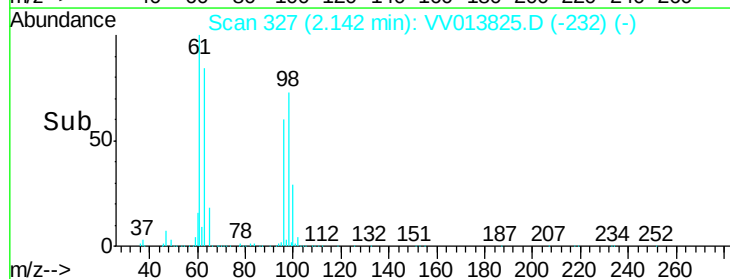
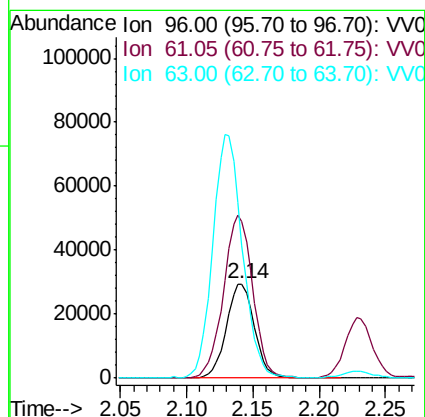
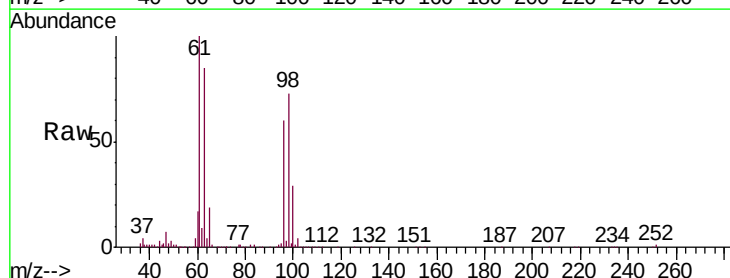
Tgt Ion: 96 Resp: 43317

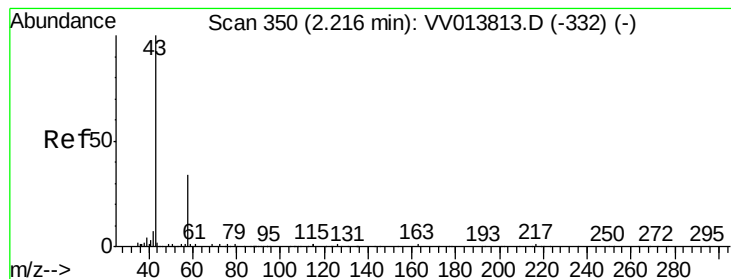
Ion Ratio Lower Upper

96 100

61 165.7 116.3 215.9

63 140.5 96.7 179.7





#13

Acetone

Concen: 9.923 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.03 min

Lab File: VV013825.D

Acq: 27 Nov 2019 15:37

Instrument :

MSVOA_V

ClientSampleId :

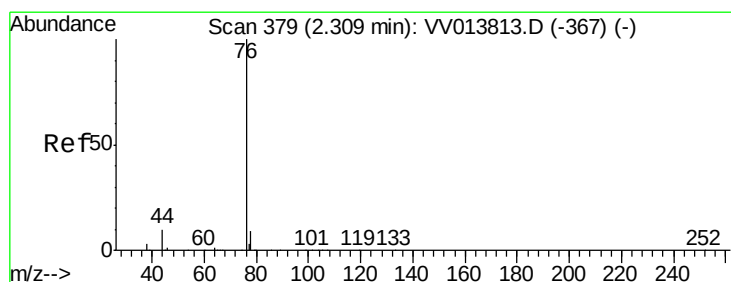
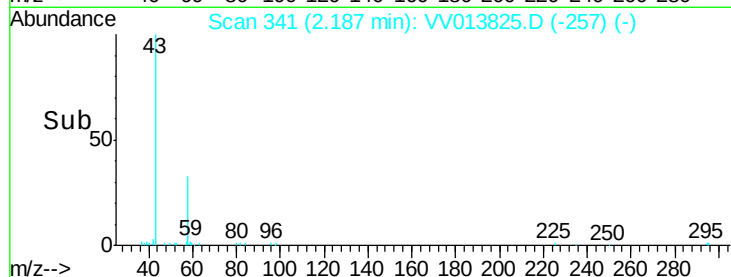
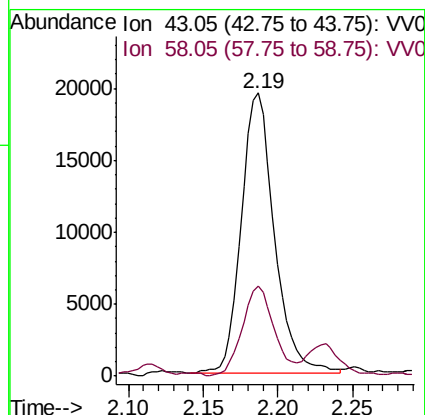
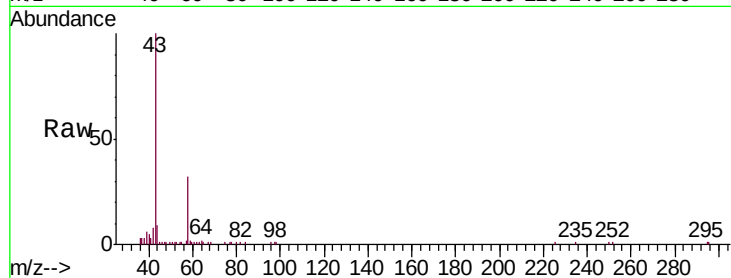
B0AE8

Tgt Ion: 43 Resp: 30292

Ion Ratio Lower Upper

43 100

58 31.0 0.0 27.2#



#14

Carbon disulfide

Concen: 0.468 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.01 min

Lab File: VV013825.D

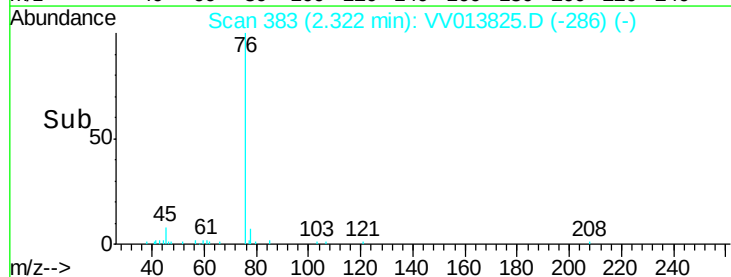
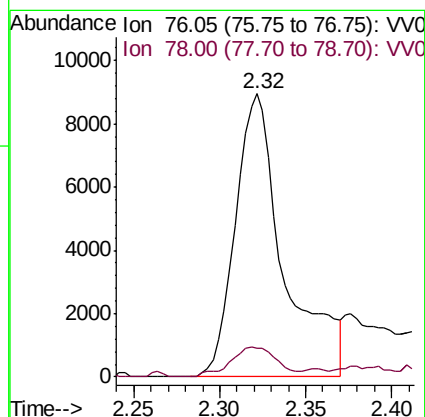
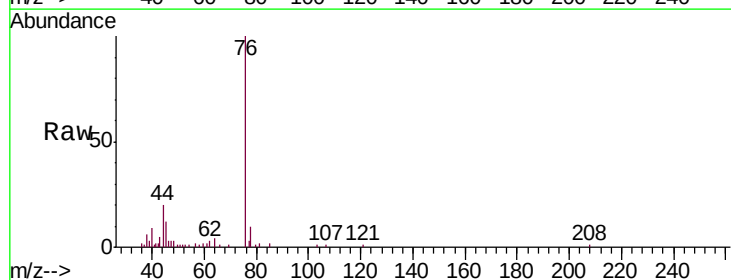
Acq: 27 Nov 2019 15:37

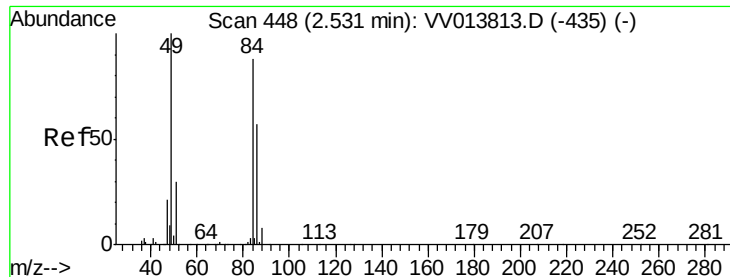
Tgt Ion: 76 Resp: 17618

Ion Ratio Lower Upper

76 100

78 10.3 7.5 11.3

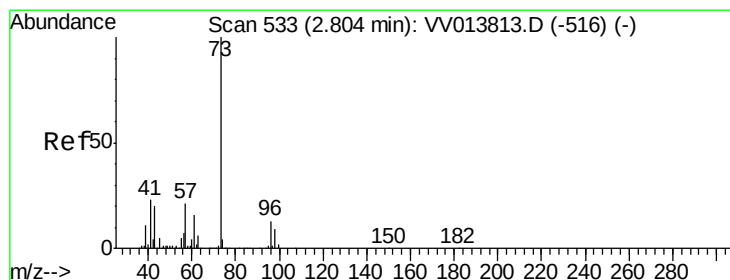
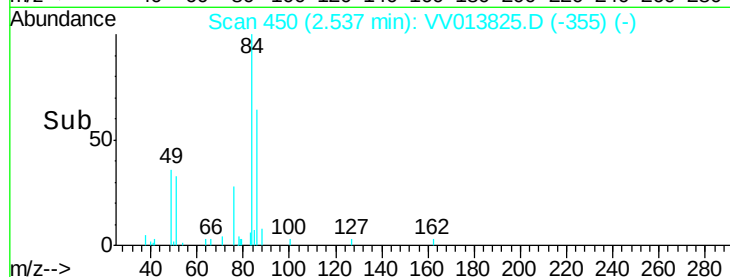
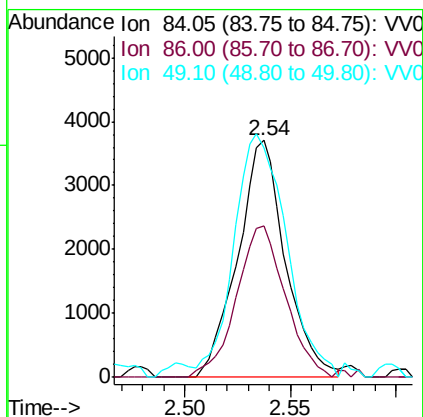
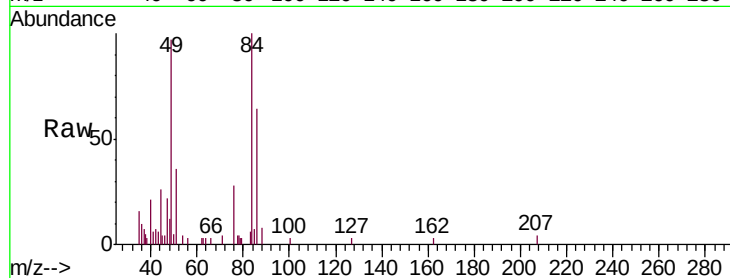




#16
Methylene chloride
Concen: 0.261 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.01 min
Lab File: VV013825.D
Acq: 27 Nov 2019 15:37

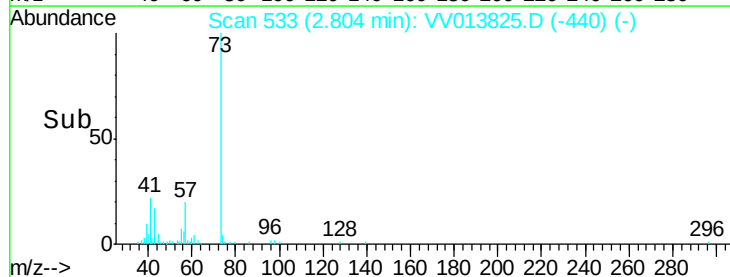
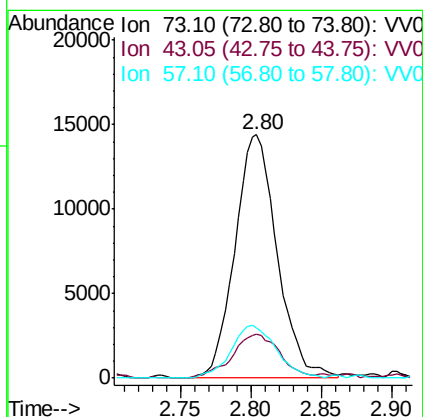
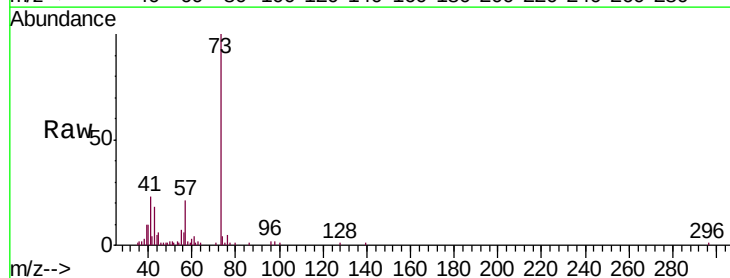
Instrument :
MSVOA_V
ClientSampleId :
B0AE8

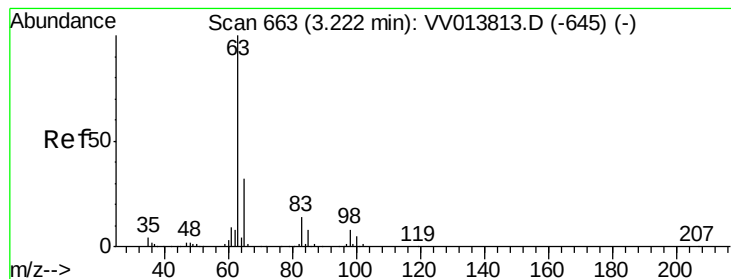
Tgt Ion: 84 Resp: 5824
Ion Ratio Lower Upper
84 100
86 63.8 44.0 81.6
49 96.7 81.5 151.5



#17
Methyl tert-butyl Ether
Concen: 0.678 ug/L
RT: 2.80 min Scan# 533
Delta R.T. 0.00 min
Lab File: VV013825.D
Acq: 27 Nov 2019 15:37

Tgt Ion: 73 Resp: 30255
Ion Ratio Lower Upper
73 100
43 20.3 15.5 23.3
57 23.2 17.5 26.3





#19

1,1-Dichloroethane

Concen: 2.223 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.01 min

Lab File: VV013825.D

Acq: 27 Nov 2019 15:37

Instrument :

MSVOA_V

ClientSampleId :

B0AE8

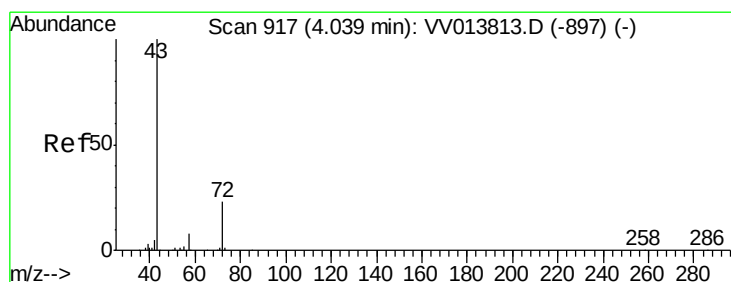
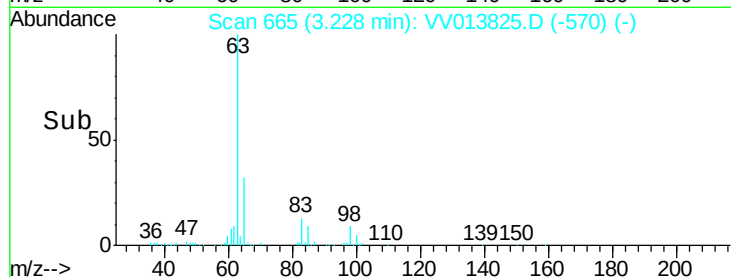
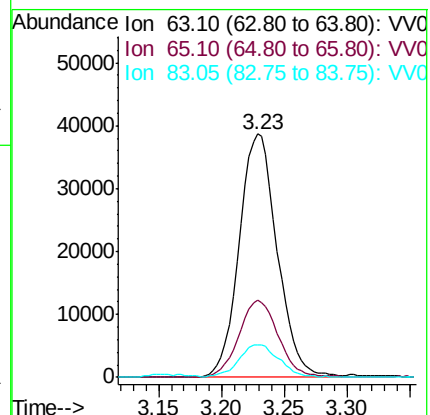
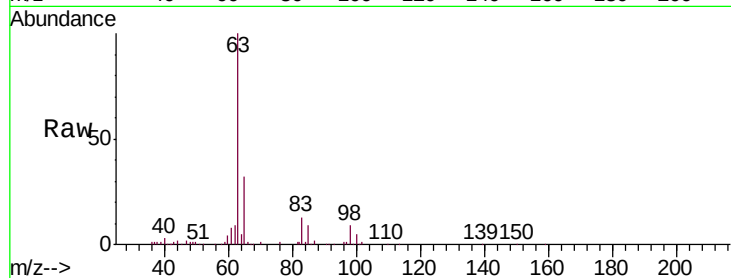
Tgt Ion: 63 Resp: 81725

Ion Ratio Lower Upper

63 100

65 31.6 22.7 42.1

83 13.4 9.2 17.2



#21

2-Butanone

Concen: 39.316 ug/L

RT: 4.01 min Scan# 908

Delta R.T. -0.03 min

Lab File: VV013825.D

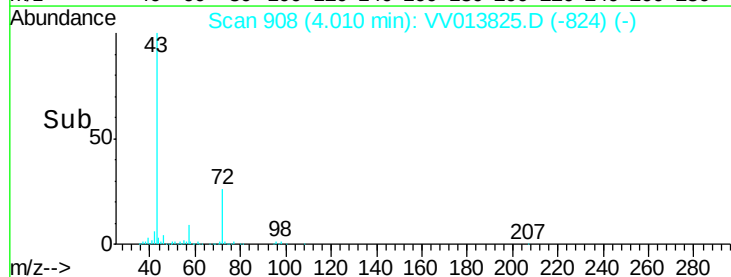
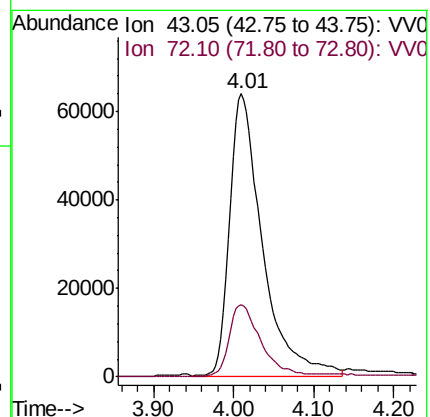
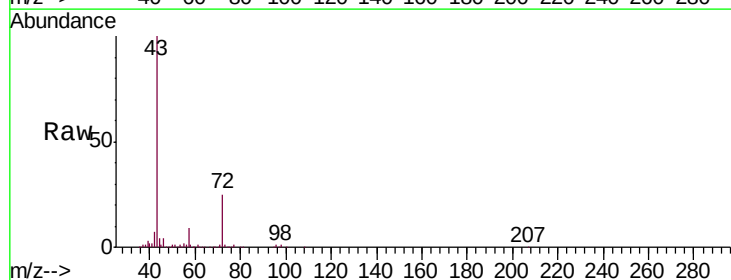
Acq: 27 Nov 2019 15:37

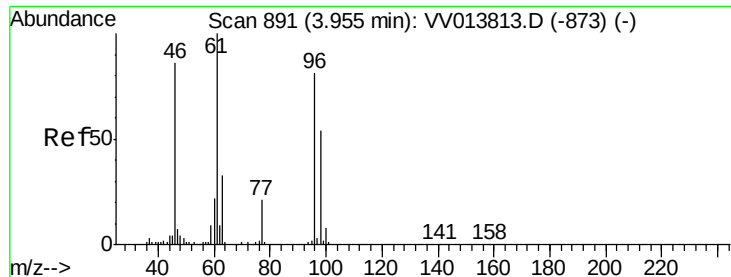
Tgt Ion: 43 Resp: 181407

Ion Ratio Lower Upper

43 100

72 24.9 12.3 36.9



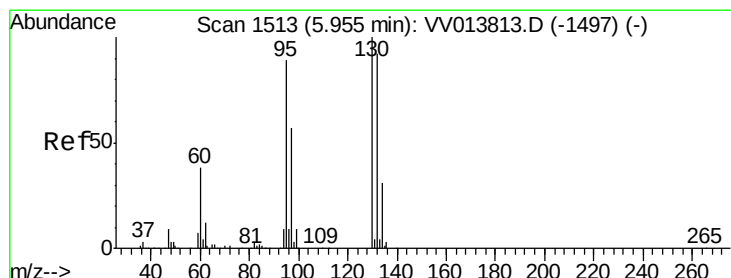
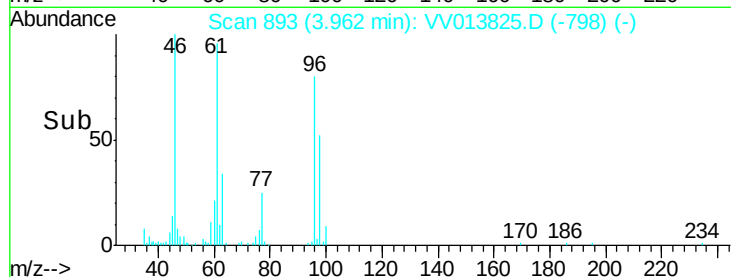
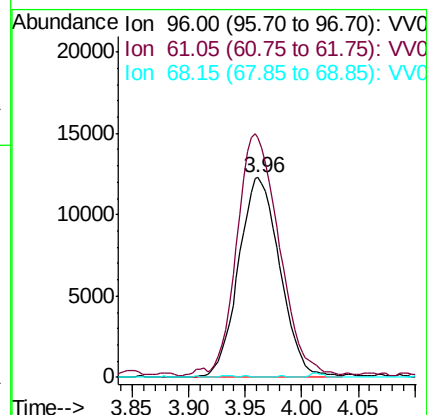
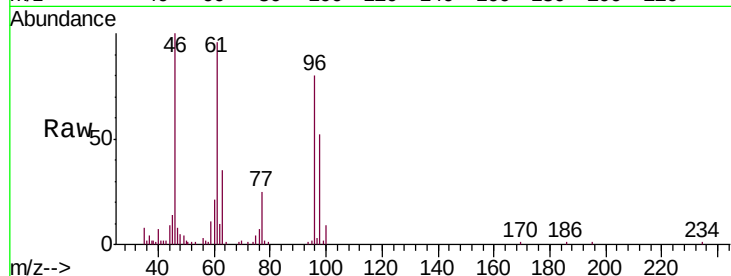


#22

cis-1,2-Dichloroethene
Concen: 1.452 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013825.D
Acq: 27 Nov 2019 15:37

Instrument :
MSVOA_V
ClientSampleId :
B0AE8

Tgt Ion: 96 Resp: 31362
Ion Ratio Lower Upper
96 100
61 120.0 86.1 159.9
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 2.068 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013825.D
Acq: 27 Nov 2019 15:37

Tgt Ion: 95 Resp: 45137
Ion Ratio Lower Upper
95 100
97 63.0 45.6 84.8
132 106.1 70.5 130.9
130 109.8 75.9 140.9

