

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013285.D
 Acq On : 22 Oct 2019 18:20
 Operator : SY/MD
 Sample : K5457-19
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:27:28 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	466006	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	508456	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	271910	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	175119	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	157834	5.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.40%
11) 1,1-Dichloroethene-d2	2.13	63	228621	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.93	46	394507	59.79	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.58%
24) Chloroform-d	4.40	84	372176	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.08	65	177692	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.10	84	739257	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.12	67	229789	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.36	98	615227	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.66	79	71508	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.13	63	240103	35.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.88%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	161652	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	255905	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

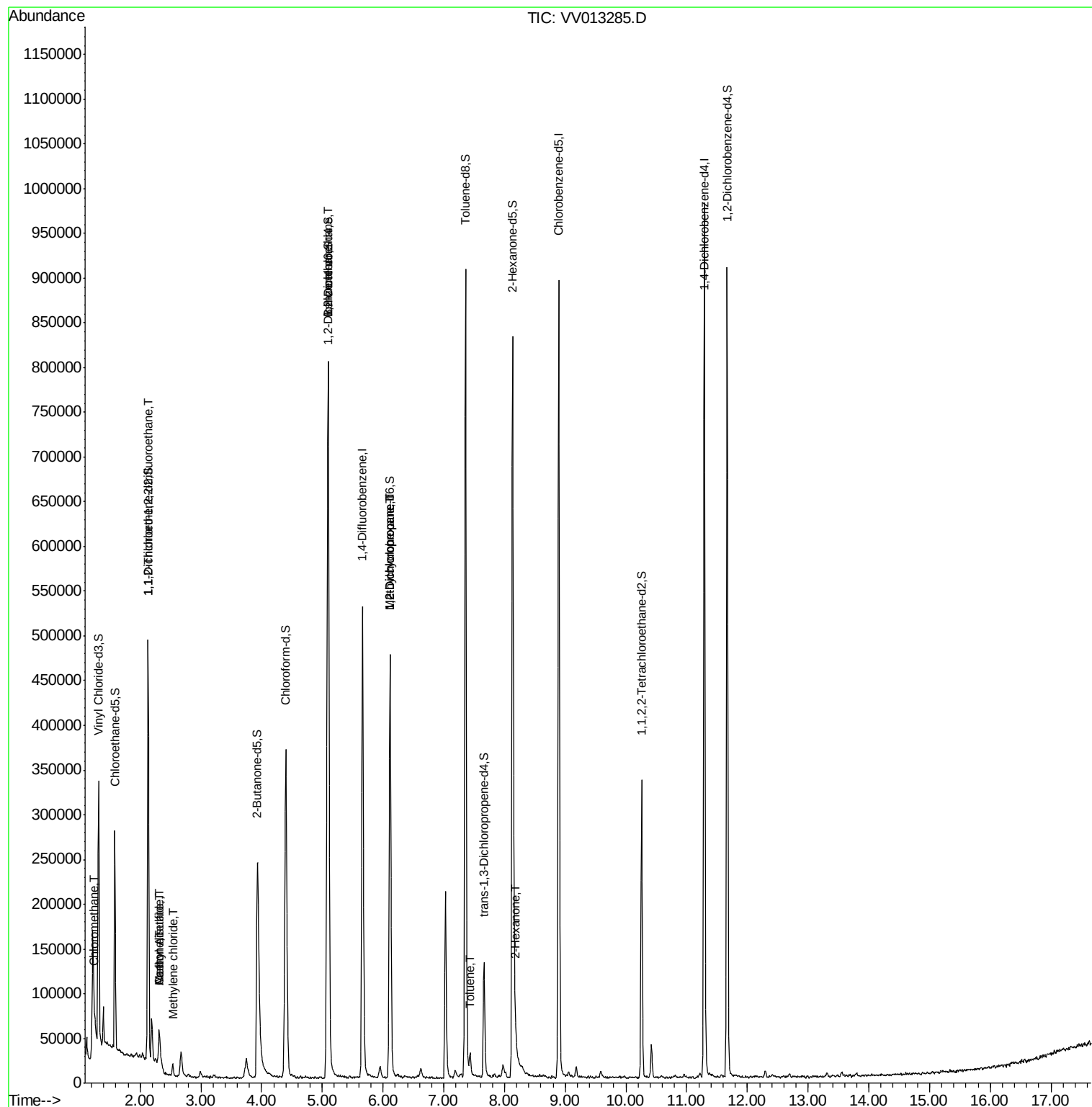
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	6107	0.137	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2941	0.076	ug/L #	16
13) Acetone	2.32	43	8977	2.632	ug/L	82
14) Carbon disulfide	2.32	76	7513	0.071	ug/L #	65
15) Methyl Acetate	2.32	43	8977	0.778	ug/L #	51
16) Methylene chloride	2.53	84	5649	0.103	ug/L	95
27) 1,2-Dichloroethane	5.10	62	3875	0.079	ug/L	99
35) Methylcyclohexane	6.12	83	55114	0.688	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	24557	0.521	ug/L #	86
42) Toluene	7.43	91	16915	0.083	ug/L	96
48) 2-Hexanone	8.18	43	12154	0.706	ug/L #	83

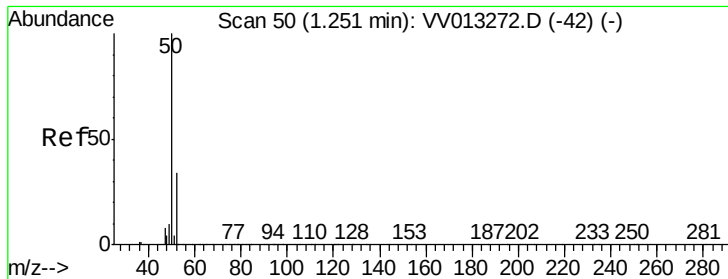
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.137 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV013285.D

Acq: 22 Oct 2019 18:20

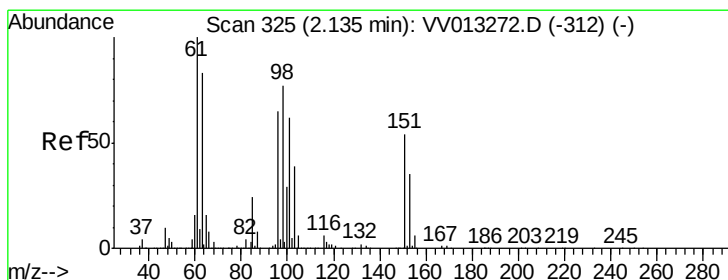
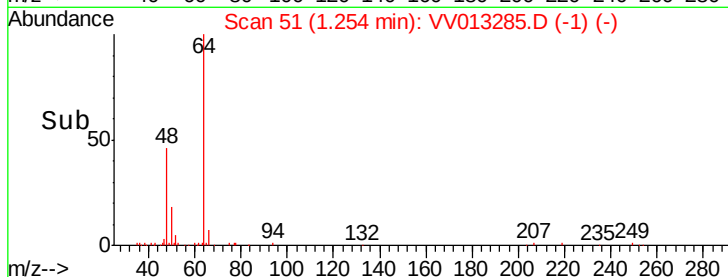
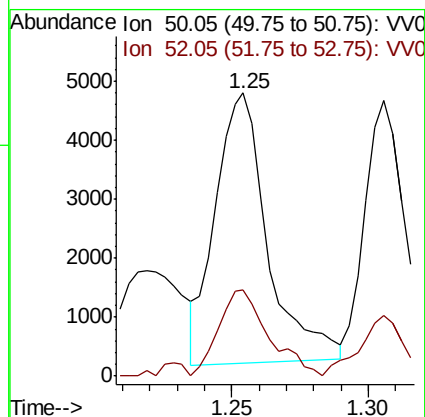
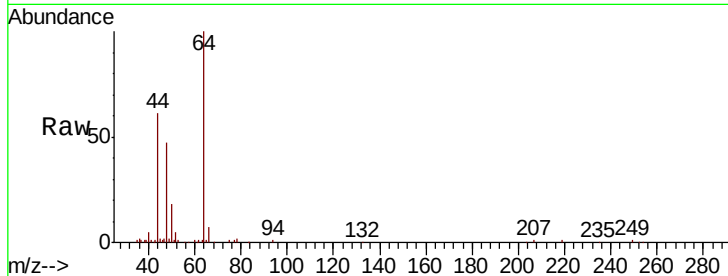
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 6107

Ion Ratio Lower Upper

50 100

52 30.3 23.3 43.3



#10

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

Concen: 0.076 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013285.D

Acq: 22 Oct 2019 18:20

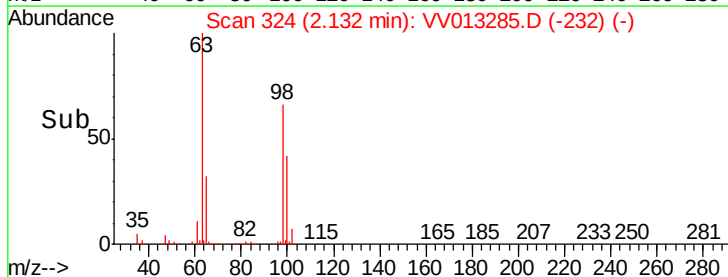
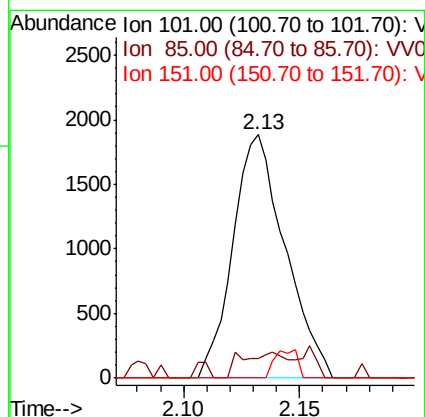
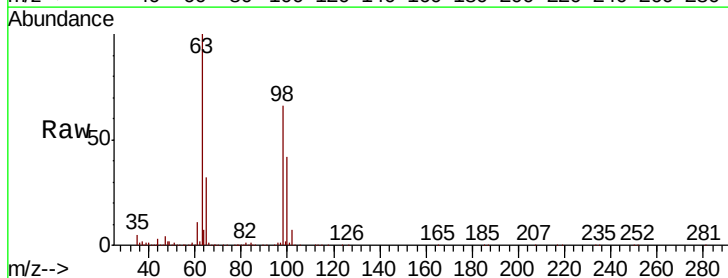
Tgt Ion: 101 Resp: 2941

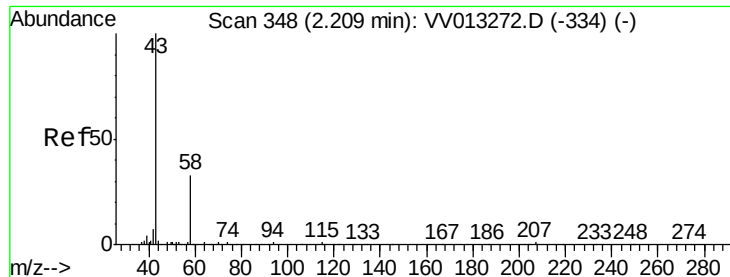
Ion Ratio Lower Upper

101 100

85 5.6 31.8 47.8#

151 0.0 72.9 109.3#





#13

Acetone

Concen: 2.632 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.11 min

Lab File: VV013285.D

Acq: 22 Oct 2019 18:20

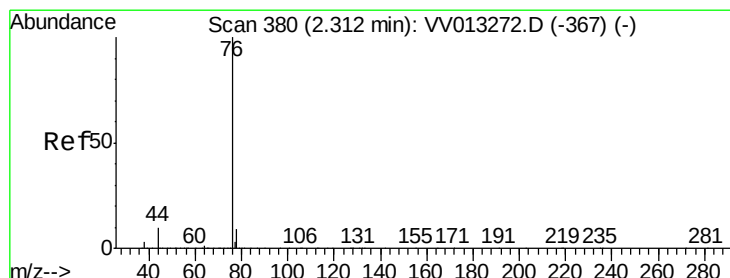
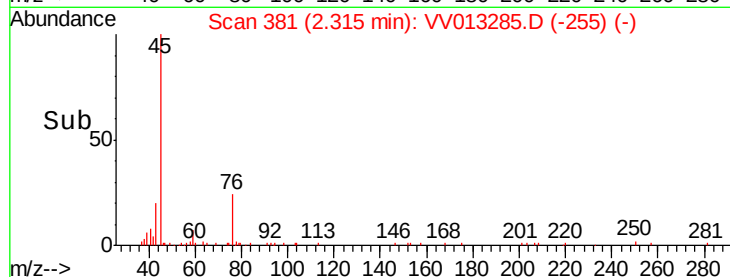
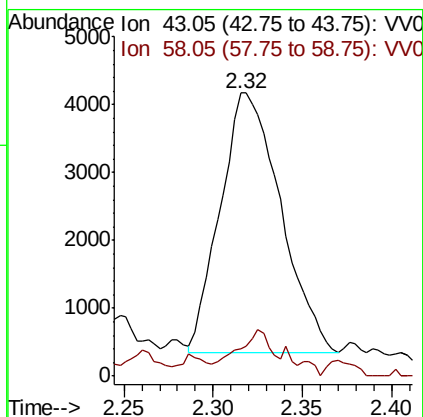
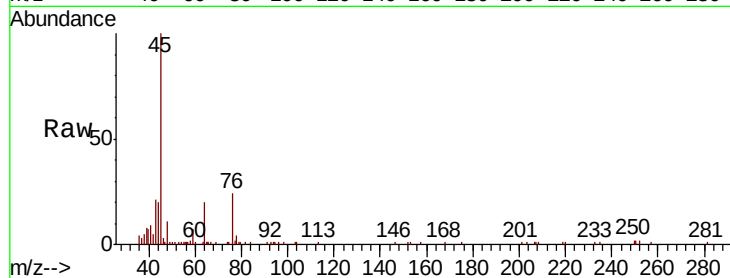
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 8977

Ion Ratio Lower Upper

43 100

58 5.9 0.0 26.2



#14

Carbon disulfide

Concen: 0.071 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013285.D

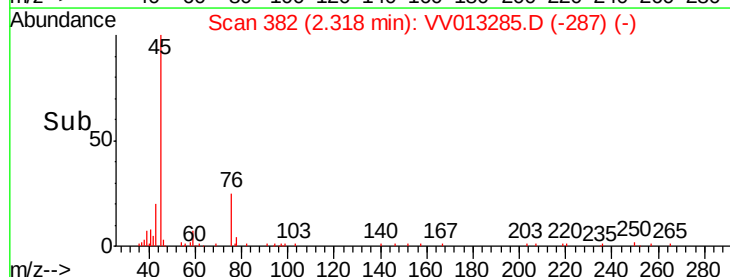
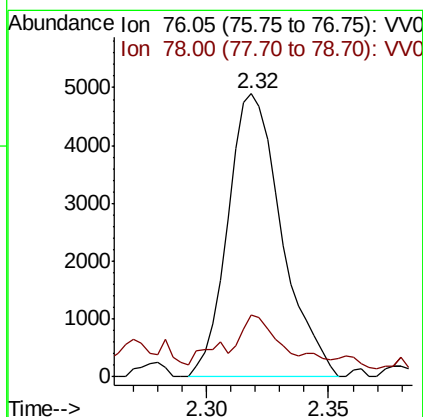
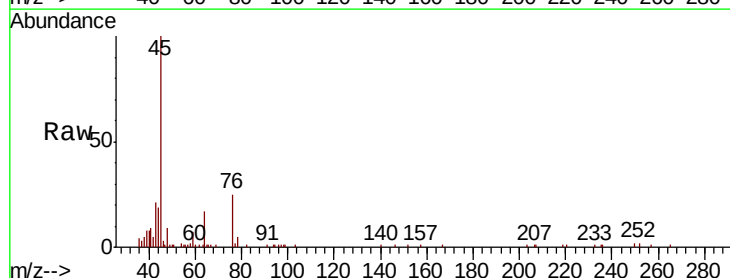
Acq: 22 Oct 2019 18:20

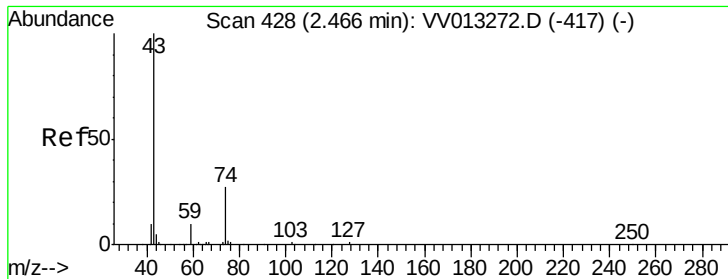
Tgt Ion: 76 Resp: 7513

Ion Ratio Lower Upper

76 100

78 21.9 7.3 10.9#

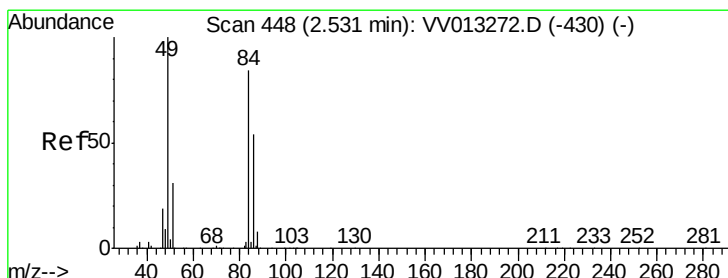
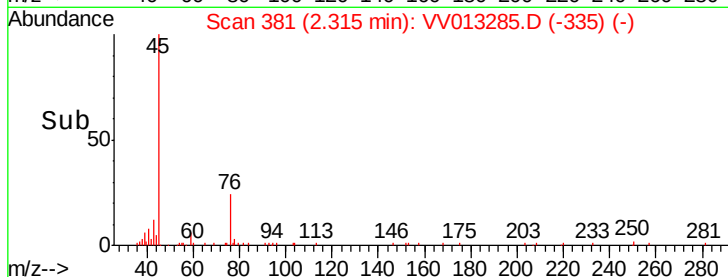
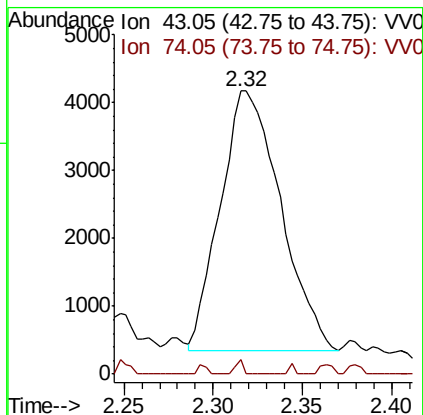
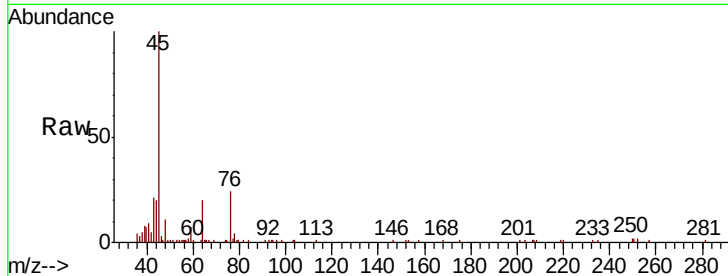




#15
Methvl Acetate
Concen: 0.778 ug/L
RT: 2.32 min Scan# 381
Delta R.T. -0.15 min
Lab File: VV013285.D
Acq: 22 Oct 2019 18:20

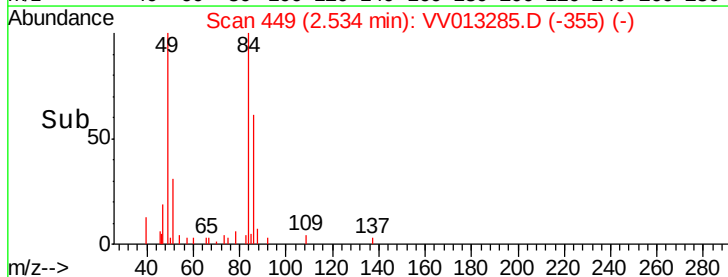
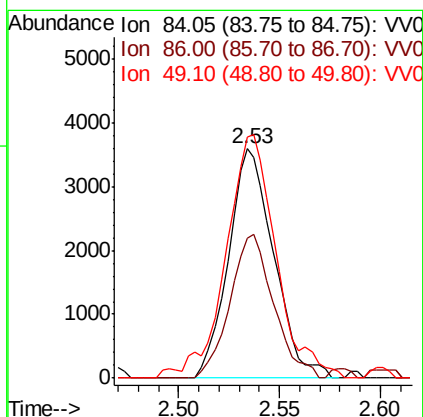
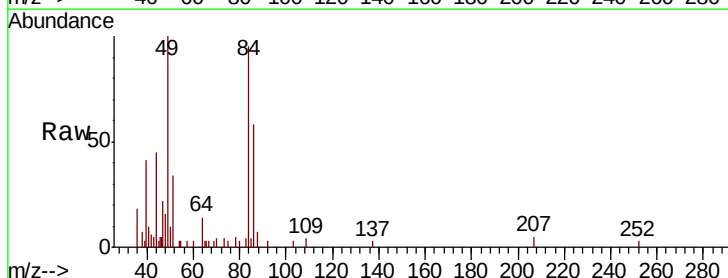
Instrument :
MSVOA_V
ClientSampleId :

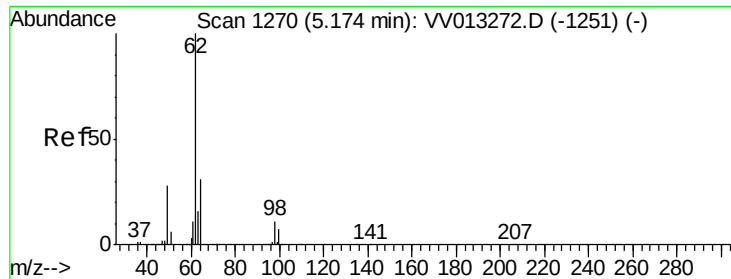
Tot Ion: 43 Resp: 8977
Ion Ratio Lower Upper
43 100
74 0.7 20.4 30.6#



#16
Methylene chloride
Concen: 0.103 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013285.D
Acq: 22 Oct 2019 18:20

Tgt Ion: 84 Resp: 5649
Ion Ratio Lower Upper
84 100
86 60.8 46.2 85.8
49 105.1 76.4 141.8

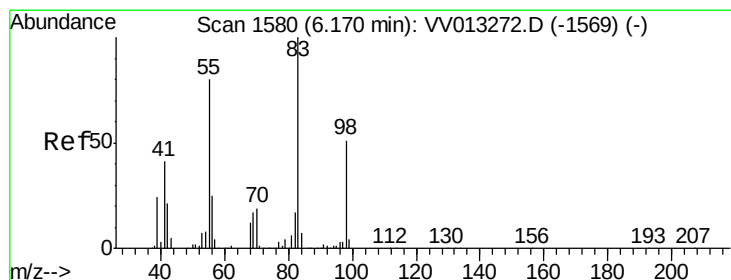
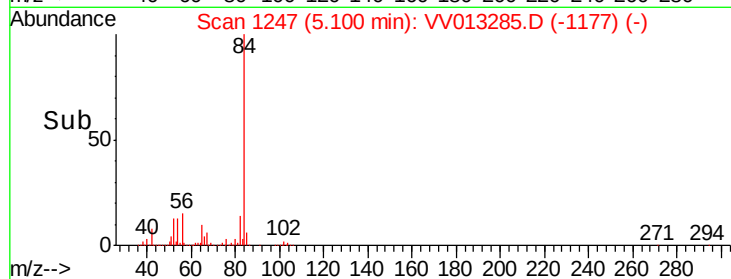
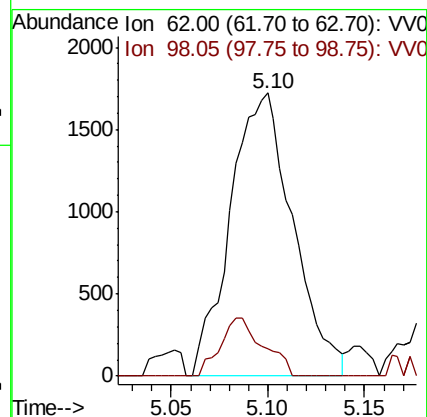
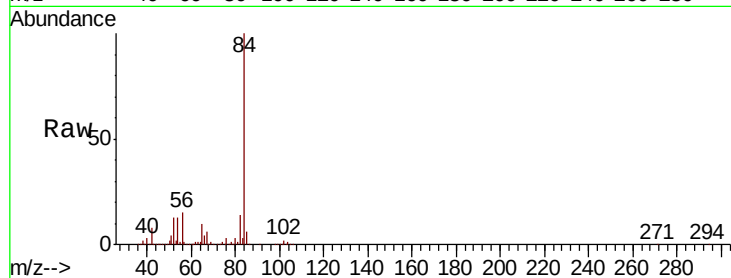




#27
 1,2-Dichloroethane
 Concen: 0.079 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.07 min
 Lab File: VV013285.D
 Acq: 22 Oct 2019 18:20

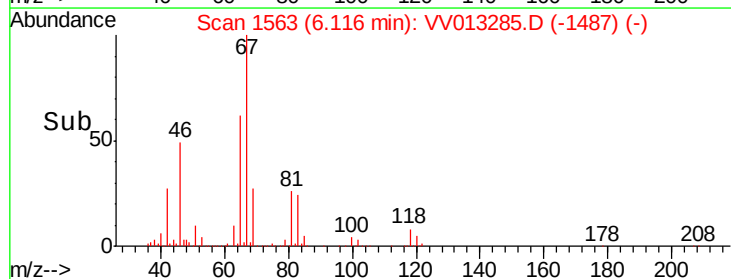
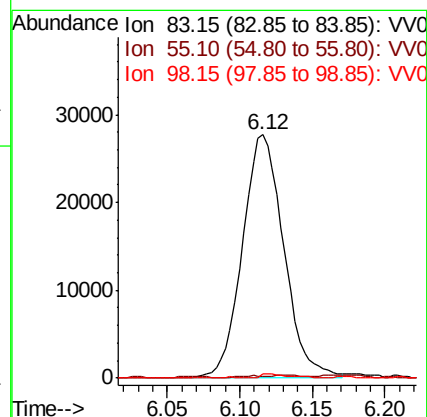
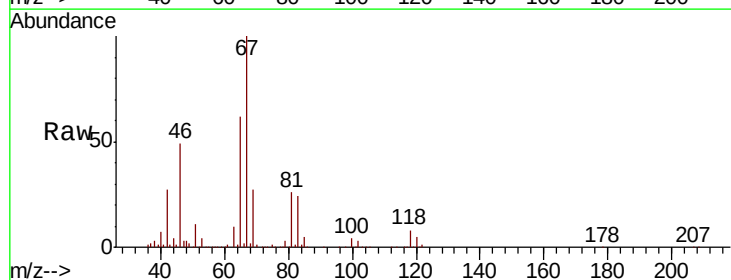
Instrument :
 MSVOA_V
 ClientSampleId :

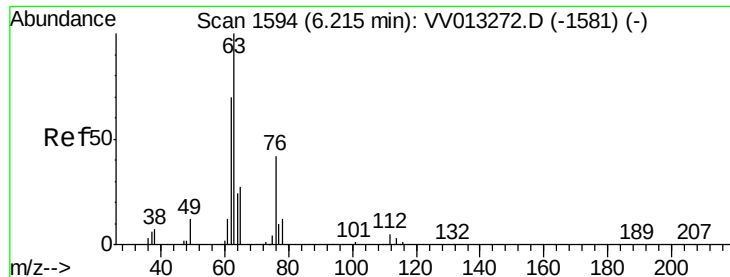
Tot Ion: 62 Resp: 3875
 Ion Ratio Lower Upper
 62 100
 98 9.9 8.3 12.5



#35
 Methylcyclohexane
 Concen: 0.688 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.05 min
 Lab File: VV013285.D
 Acq: 22 Oct 2019 18:20

Tgt Ion: 83 Resp: 55114
 Ion Ratio Lower Upper
 83 100
 55 0.6 62.4 93.6#
 98 1.0 39.2 58.8#

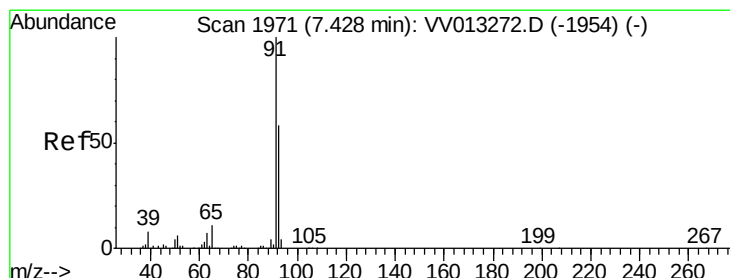
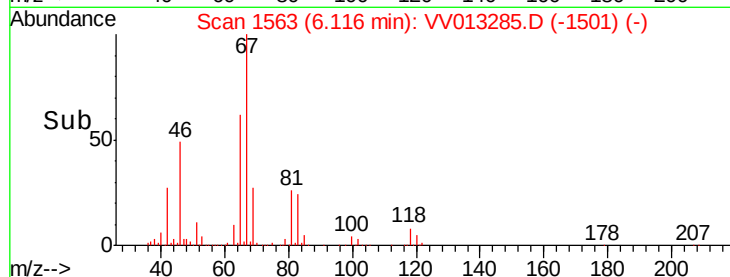
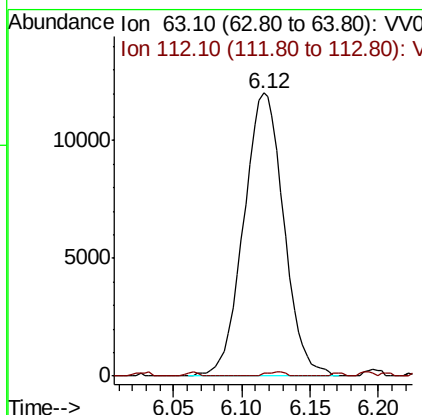
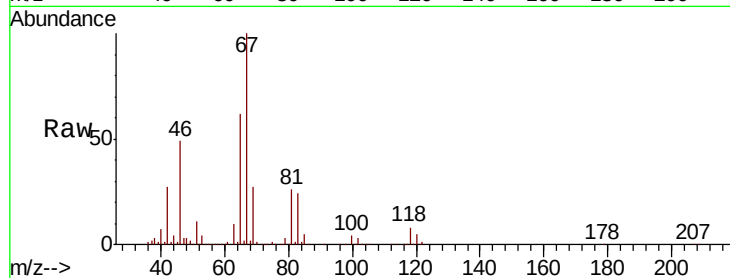




#37
 1,2-Dichloropropane
 Concen: 0.521 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013285.D
 Acq: 22 Oct 2019 18:20

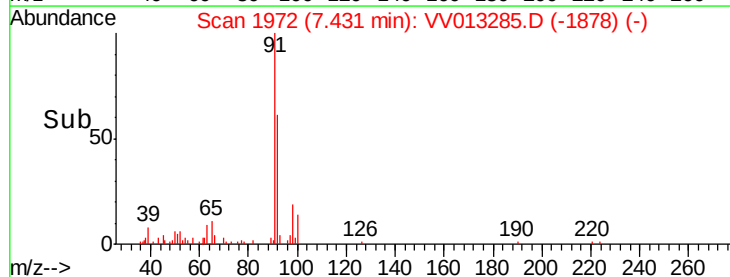
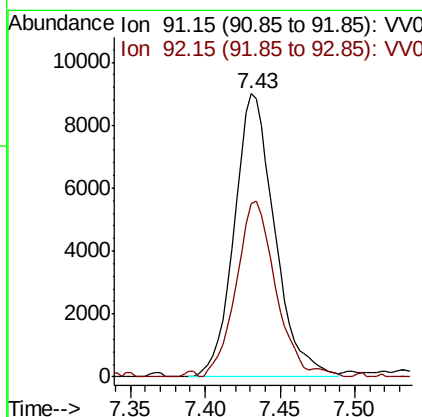
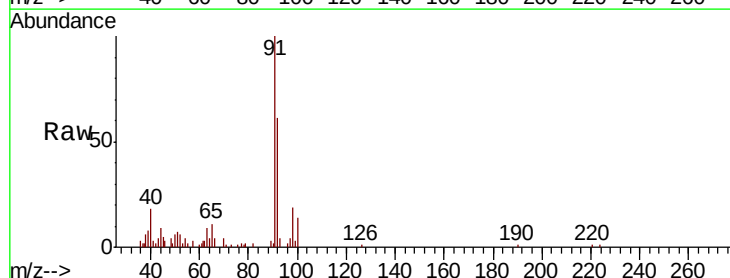
Instrument :
 MSVOA_V
 ClientSampled :

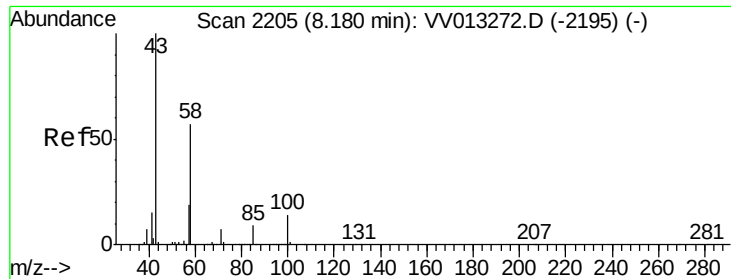
Tot Ion: 63 Resp: 24557
 Ion Ratio Lower Upper
 63 100
 112 0.6 4.1 6.1#



#42
 Toluene
 Concen: 0.083 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VV013285.D
 Acq: 22 Oct 2019 18:20

Tgt Ion: 91 Resp: 16915
 Ion Ratio Lower Upper
 91 100
 92 61.1 40.5 75.1





#48

2-Hexanone

Concen: 0.706 ug/L

RT: 8.18 min Scan# 2206

Delta R.T. 0.00 min

Lab File: VV013285.D

Acq: 22 Oct 2019 18:20

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12154

Ion Ratio Lower Upper

43 100

58 42.5 45.1 67.7#

57 28.5 15.5 23.3#

100 10.8 10.2 15.2

