

Data File : VV013482.D
Acq On : 04 Nov 2019 18:16
Operator : SY/MD
Sample : K5656-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5455

Quant Time: Nov 05 07:20:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 07:17:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	330847	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	357955	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	183628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	120297	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	106642	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.13	63	170142	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.95	46	381718	50.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.06%
24) Chloroform-d	4.40	84	304230	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.08	65	153387	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	587962	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	6.12	67	191128	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.36	98	494279	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
43) trans-1,3-Dichloropropene-	7.66	79	65235	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.13	63	233459	42.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	130573	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	204044	5.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.40%

Target Compounds

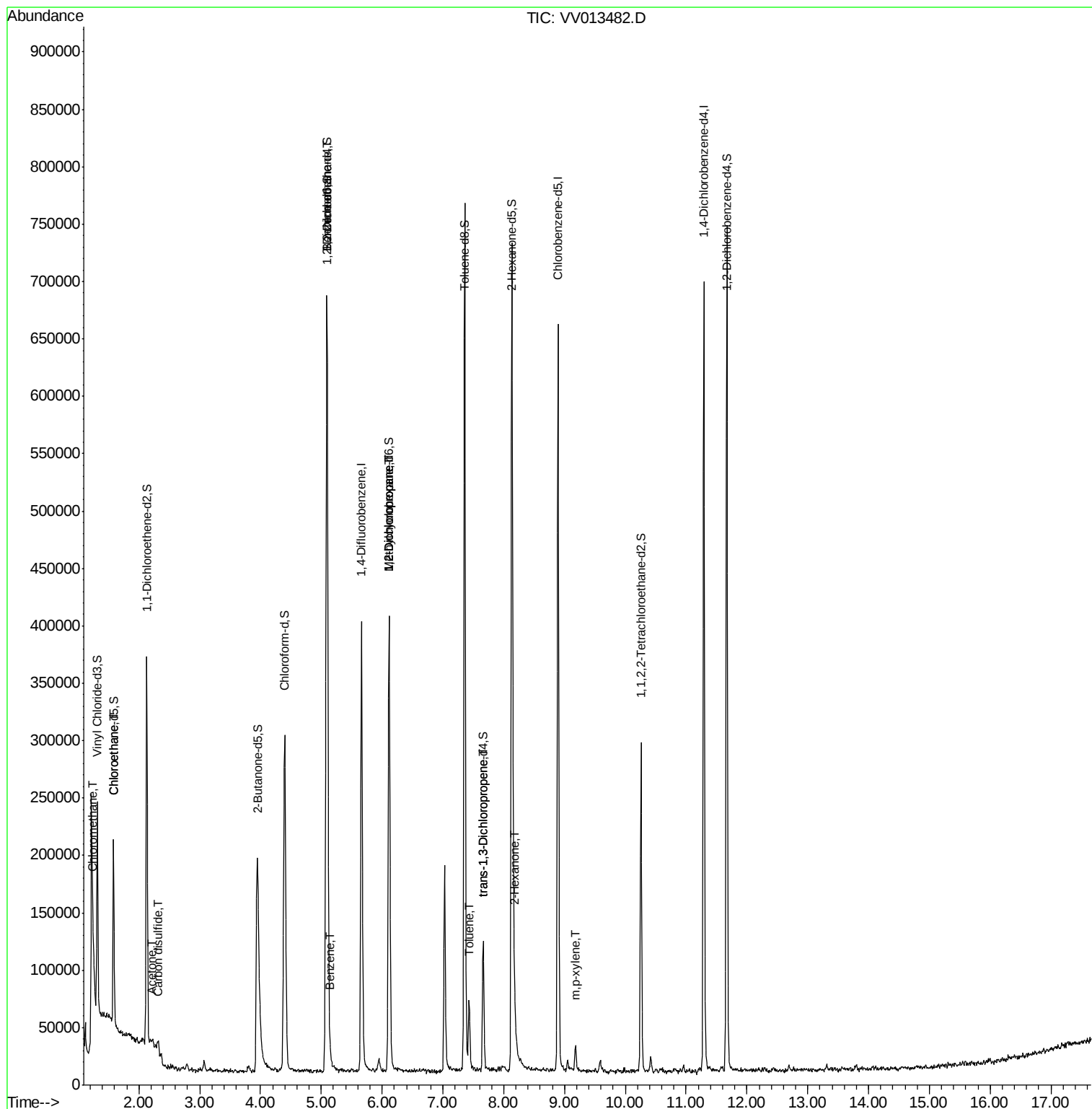
					Qvalue
3) Chloromethane	1.25	50	11157	0.343 ug/L	95
8) Chloroethane	1.59	64	1859	0.103 ug/L #	51
13) Acetone	2.21	43	8566	2.503 ug/L	84
14) Carbon disulfide	2.32	76	6427	0.089 ug/L #	76
27) 1,2-Dichloroethane	5.10	62	4451	0.127 ug/L	97
33) Benzene	5.15	78	9051	0.071 ug/L	100
35) Methylcyclohexane	6.12	83	45851	0.856 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	20791	0.652 ug/L #	87
42) Toluene	7.43	91	41437	0.313 ug/L	94
44) trans-1,3-Dichloropropene	7.66	75	3138	0.090 ug/L	94
48) 2-Hexanone	8.18	43	18481	1.257 ug/L #	40
53) m,p-xylene	9.18	106	6411	0.119 ug/L	98

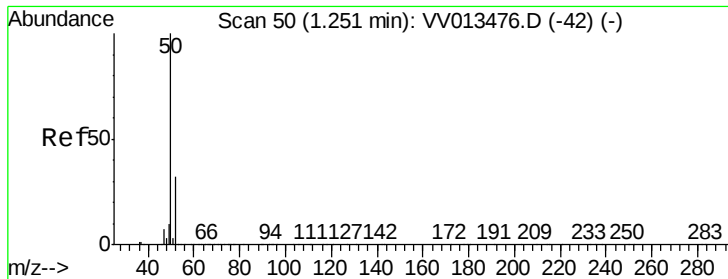
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013482.D
Acq On : 04 Nov 2019 18:16
Operator : SY/MD
Sample : K5656-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5455

Quant Time: Nov 05 07:20:54 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR103119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 05 07:17:32 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.343 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013482.D

Acq: 04 Nov 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

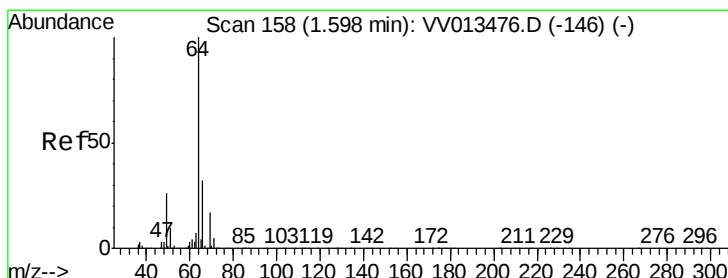
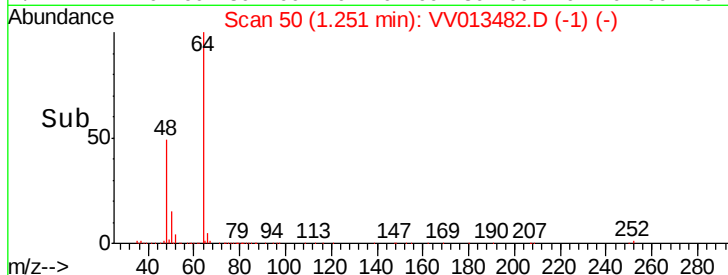
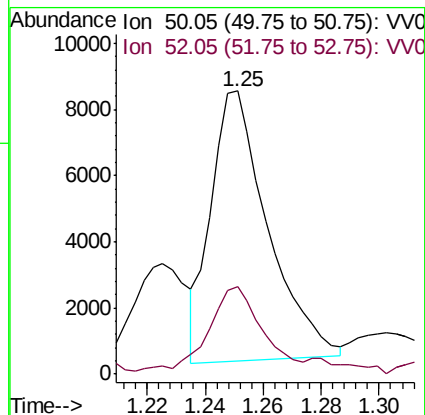
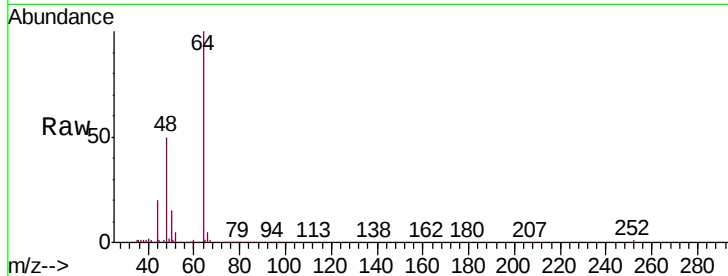
A5455

Tgt Ion: 50 Resp: 11157

Ion Ratio Lower Upper

50 100

52 30.8 23.4 43.6



#8

Chloroethane

Concen: 0.103 ug/L

RT: 1.59 min Scan# 156

Delta R.T. -0.01 min

Lab File: VV013482.D

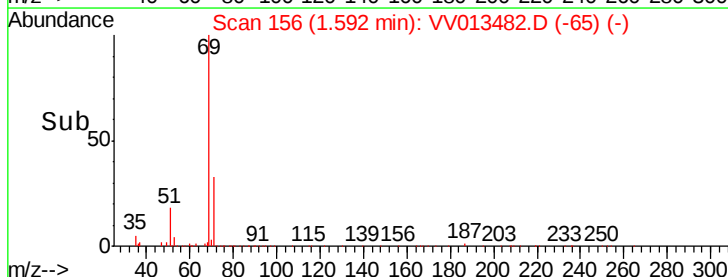
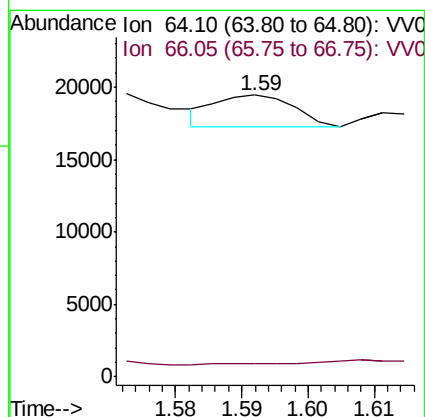
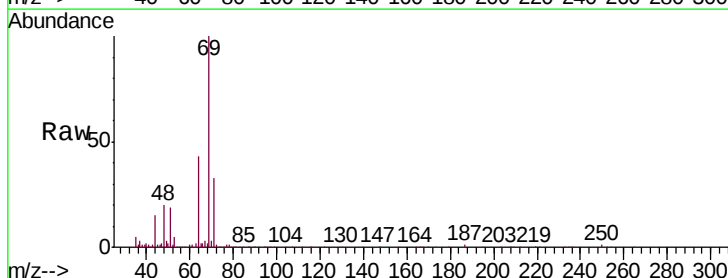
Acq: 04 Nov 2019 18:16

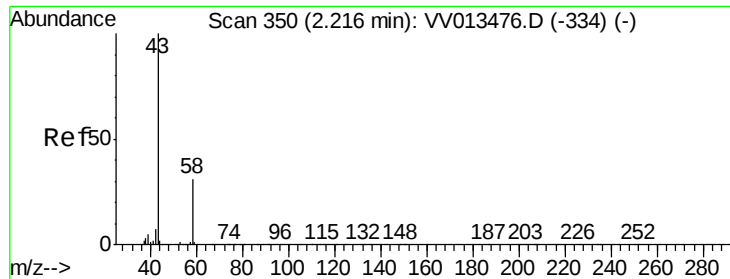
Tgt Ion: 64 Resp: 1859

Ion Ratio Lower Upper

64 100

66 4.9 22.8 42.4#





#13

Acetone

Concen: 2.503 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV013482.D

Acq: 04 Nov 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

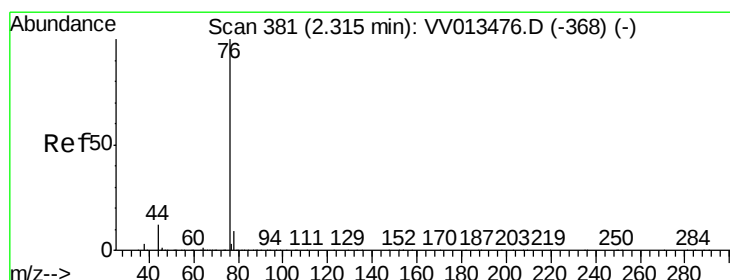
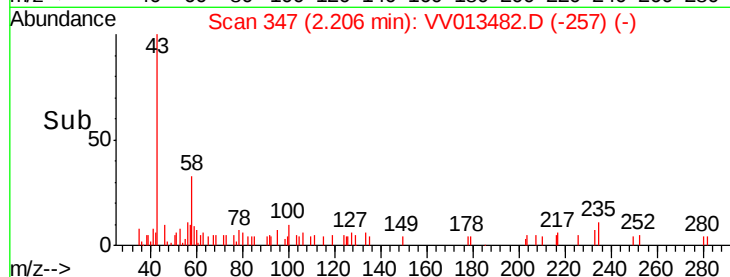
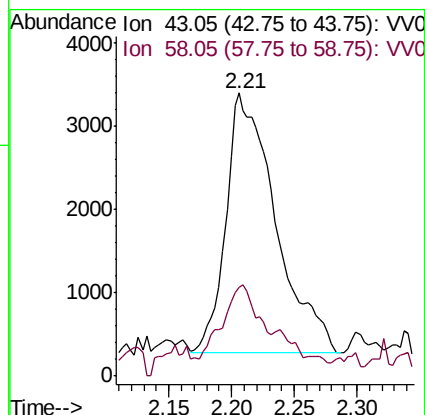
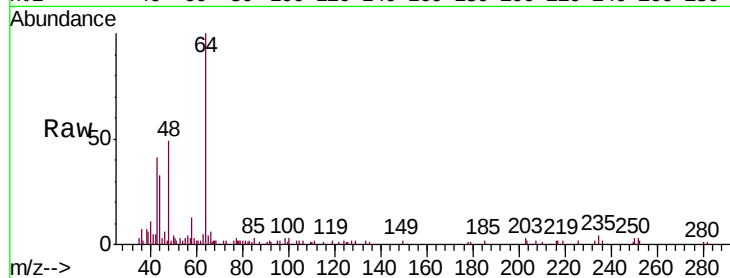
A5455

Tgt Ion: 43 Resp: 8566

Ion Ratio Lower Upper

43 100

58 20.5 0.0 58.0



#14

Carbon disulfide

Concen: 0.089 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VV013482.D

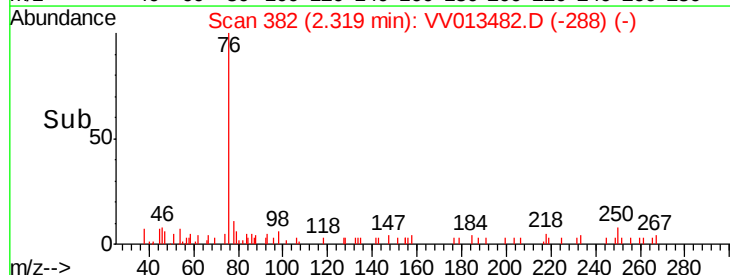
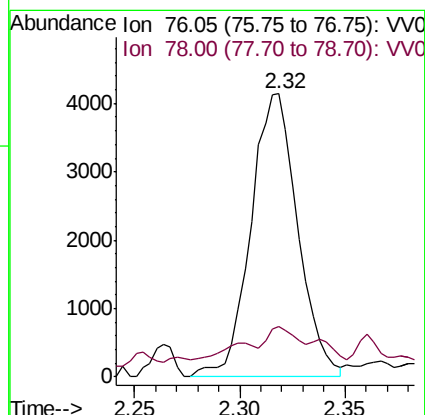
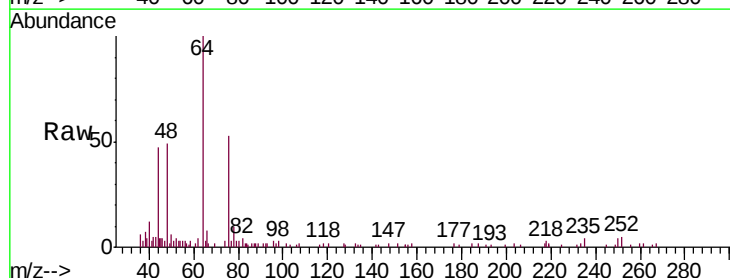
Acq: 04 Nov 2019 18:16

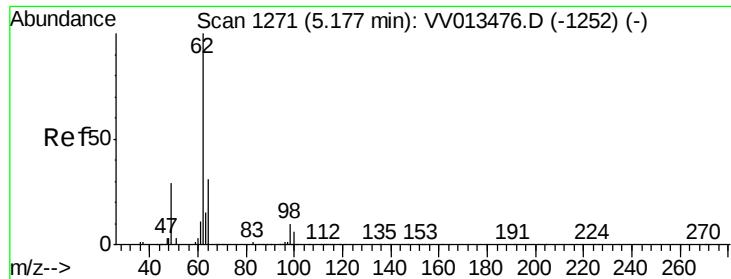
Tgt Ion: 76 Resp: 6427

Ion Ratio Lower Upper

76 100

78 17.9 7.4 11.0#

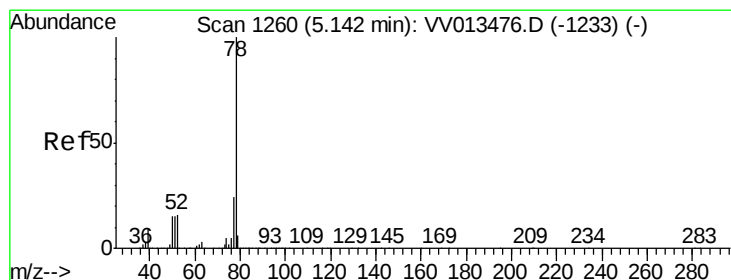
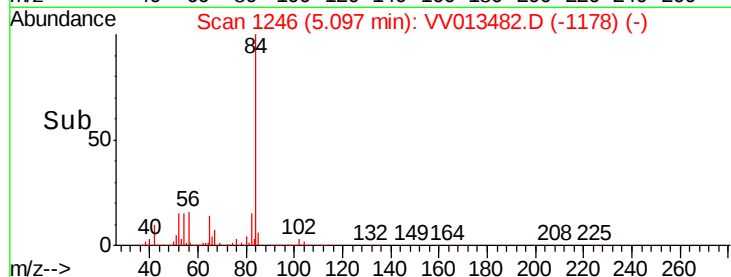
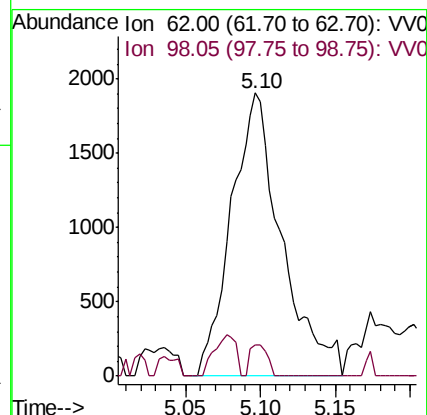
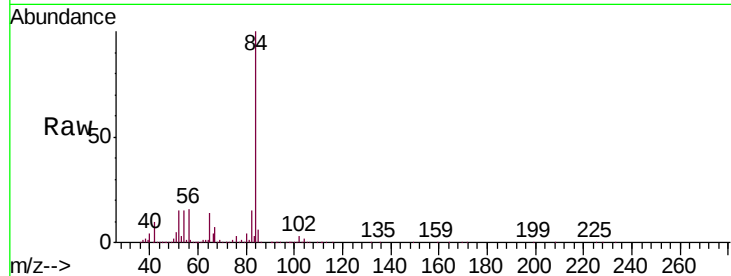




#27
 1,2-Dichloroethane
 Concen: 0.127 ug/L
 RT: 5.10 min Scan# 1246
 Delta R.T. -0.08 min
 Lab File: VV013482.D
 Acq: 04 Nov 2019 18:16

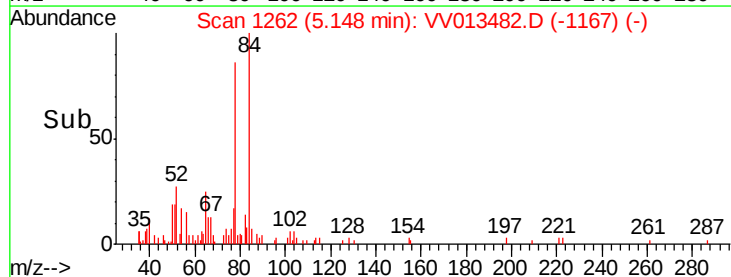
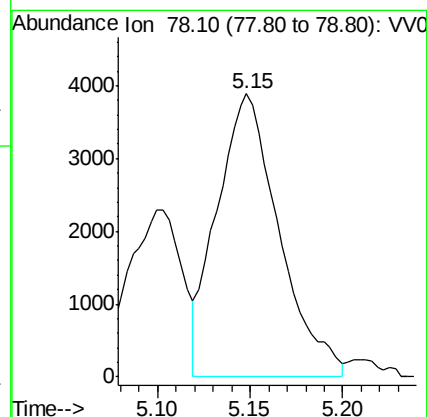
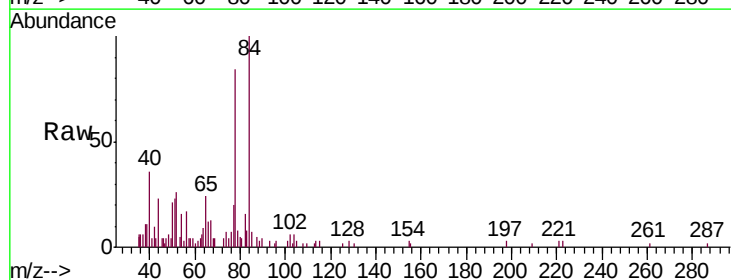
Instrument :
 MSVOA_V
 ClientSampleId :
 A5455

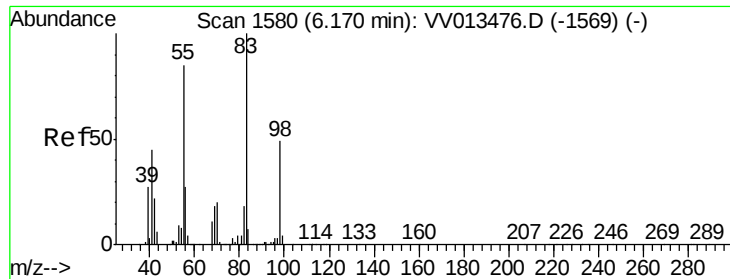
Tgt Ion: 62 Resp: 4451
 Ion Ratio Lower Upper
 62 100
 98 10.9 7.7 11.5



#33
 Benzene
 Concen: 0.071 ug/L
 RT: 5.15 min Scan# 1262
 Delta R.T. 0.01 min
 Lab File: VV013482.D
 Acq: 04 Nov 2019 18:16

Tgt Ion: 78 Resp: 9051

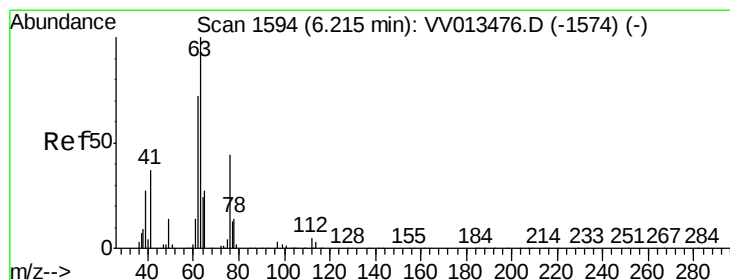
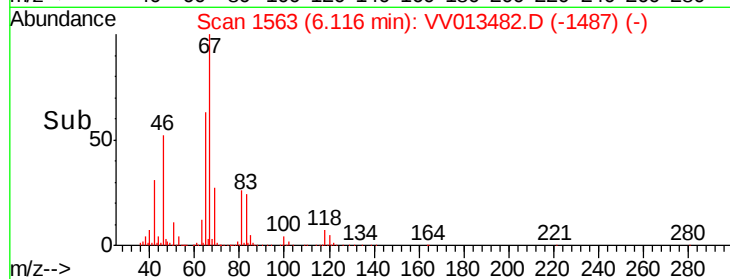
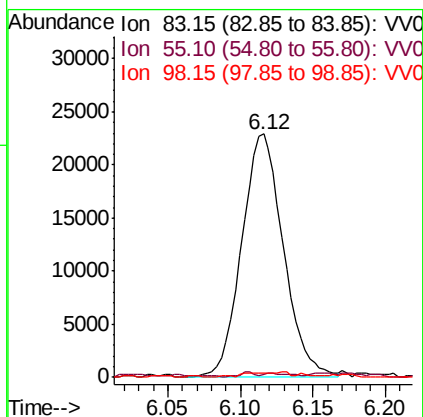
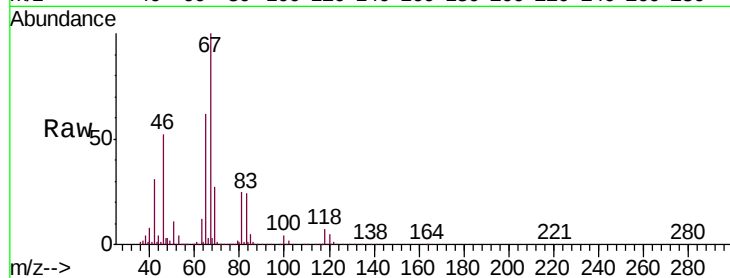




#35
Methylcyclohexane
Concen: 0.856 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013482.D
Acq: 04 Nov 2019 18:16

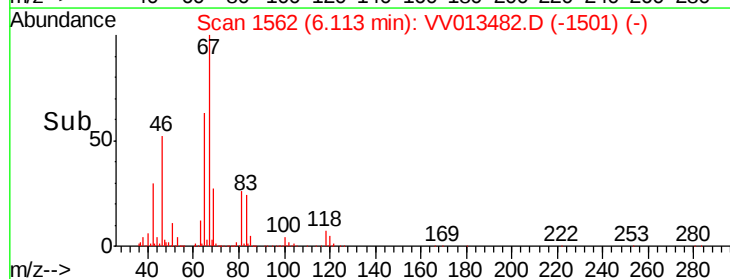
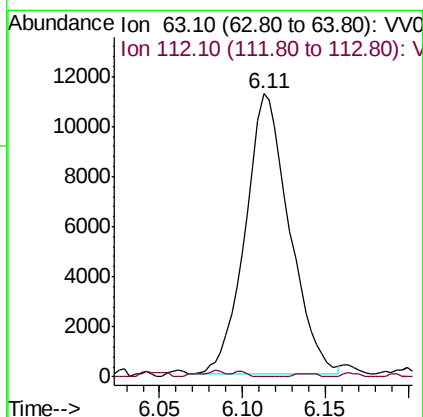
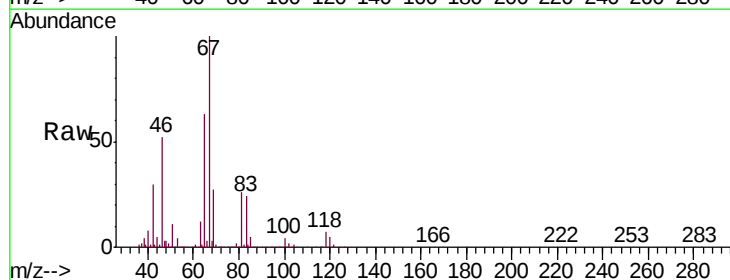
Instrument :
MSVOA_V
ClientSampleId :
A5455

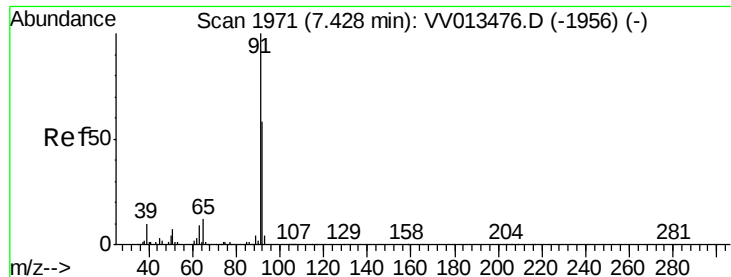
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.8	64.6	96.8#
98	1.1	39.1	58.7#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013482.D
Acq: 04 Nov 2019 18:16

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.6	3.8	5.8#





#42

Toluene

Concen: 0.313 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV013482.D

Acq: 04 Nov 2019 18:16

Instrument :

MSVOA_V

ClientSampleId :

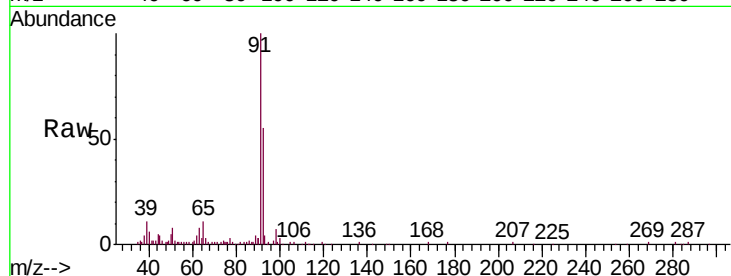
A5455

Tgt Ion: 91 Resp: 41437

Ion Ratio Lower Upper

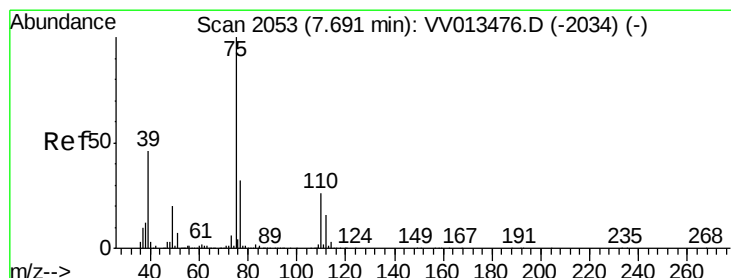
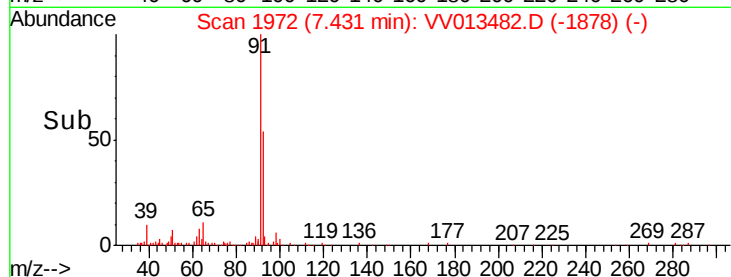
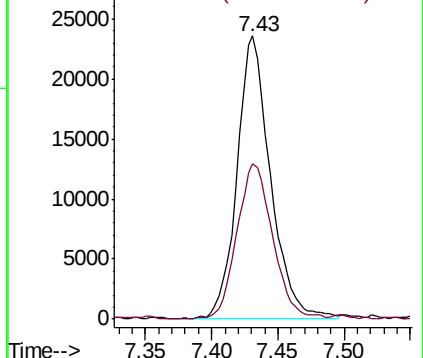
91 100

92 55.0 41.5 77.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#44

trans-1,3-Dichloropropene

Concen: 0.090 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013482.D

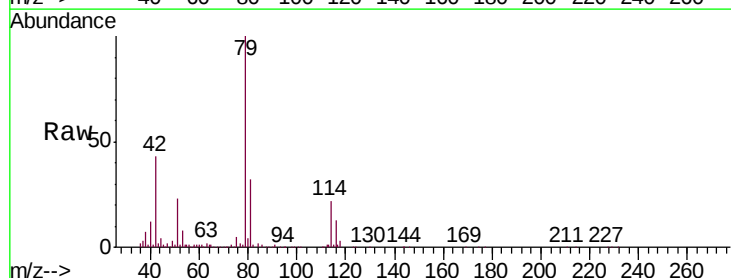
Acq: 04 Nov 2019 18:16

Tgt Ion: 75 Resp: 3138

Ion Ratio Lower Upper

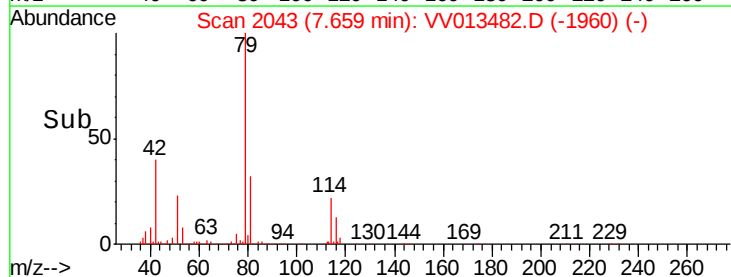
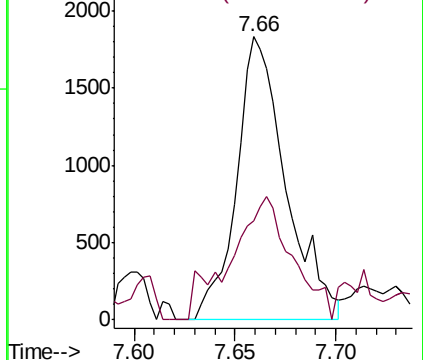
75 100

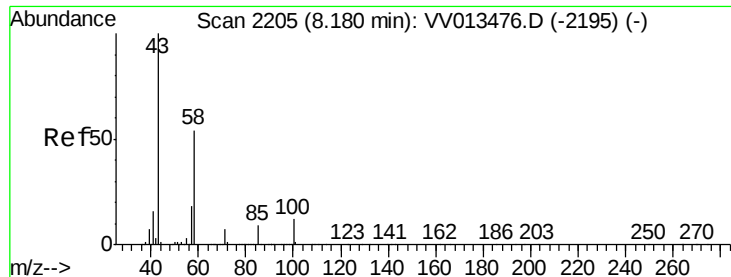
77 34.8 21.9 40.7



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

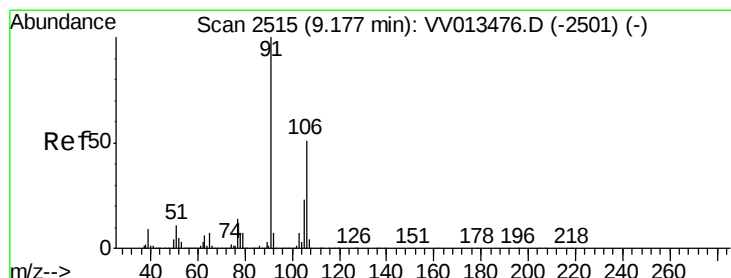
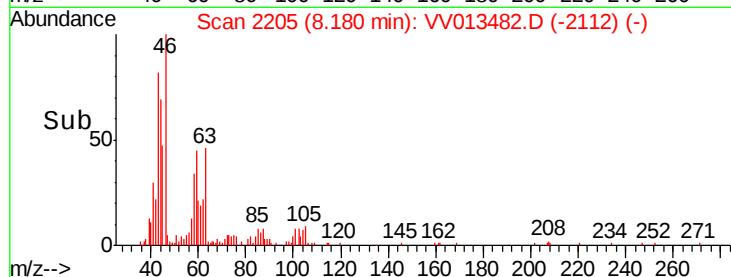
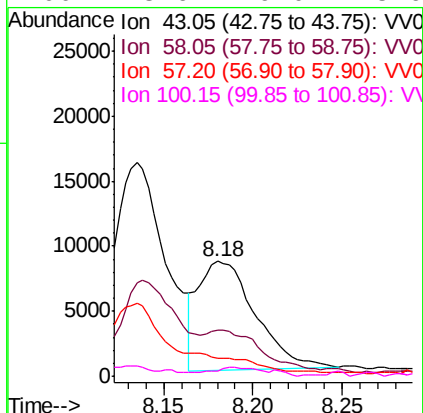
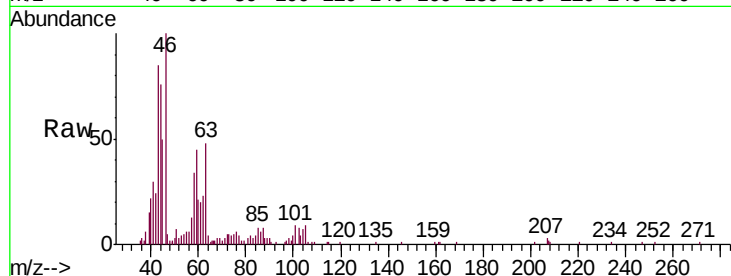




#48
2-Hexanone
Concen: 1.257 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. 0.00 min
Lab File: VV013482.D
Acq: 04 Nov 2019 18:16

Instrument :
MSVOA_V
ClientSampleId :
A5455

Tgt Ion:	43	Resp:	18481
Ion	Ratio	Lower	Upper
43	100		
58	0.0	42.2	63.4#
57	0.0	14.9	22.3#
100	3.6	9.0	13.6#



#53
m,p-xylene
Concen: 0.119 ug/L
RT: 9.18 min Scan# 2515
Delta R.T. 0.00 min
Lab File: VV013482.D
Acq: 04 Nov 2019 18:16

Tgt Ion:	106	Resp:	6411
Ion	Ratio	Lower	Upper
106	100		
91	199.0	141.5	262.7

