

Data File : VV013213.D
Acq On : 18 Oct 2019 20:00
Operator : SY/MD
Sample : K5404-05
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB4

Quant Time: Oct 19 04:28:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	438314	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	468037	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	241038	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	224396	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	183167	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	269033	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.95	46	443983	48.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.36%
24) Chloroform-d	4.40	84	427329	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	206202	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.10	84	865086	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	263112	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	7.36	98	707251	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	7.66	79	87141	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.13	63	306457	40.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	178472	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	274179	5.37	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

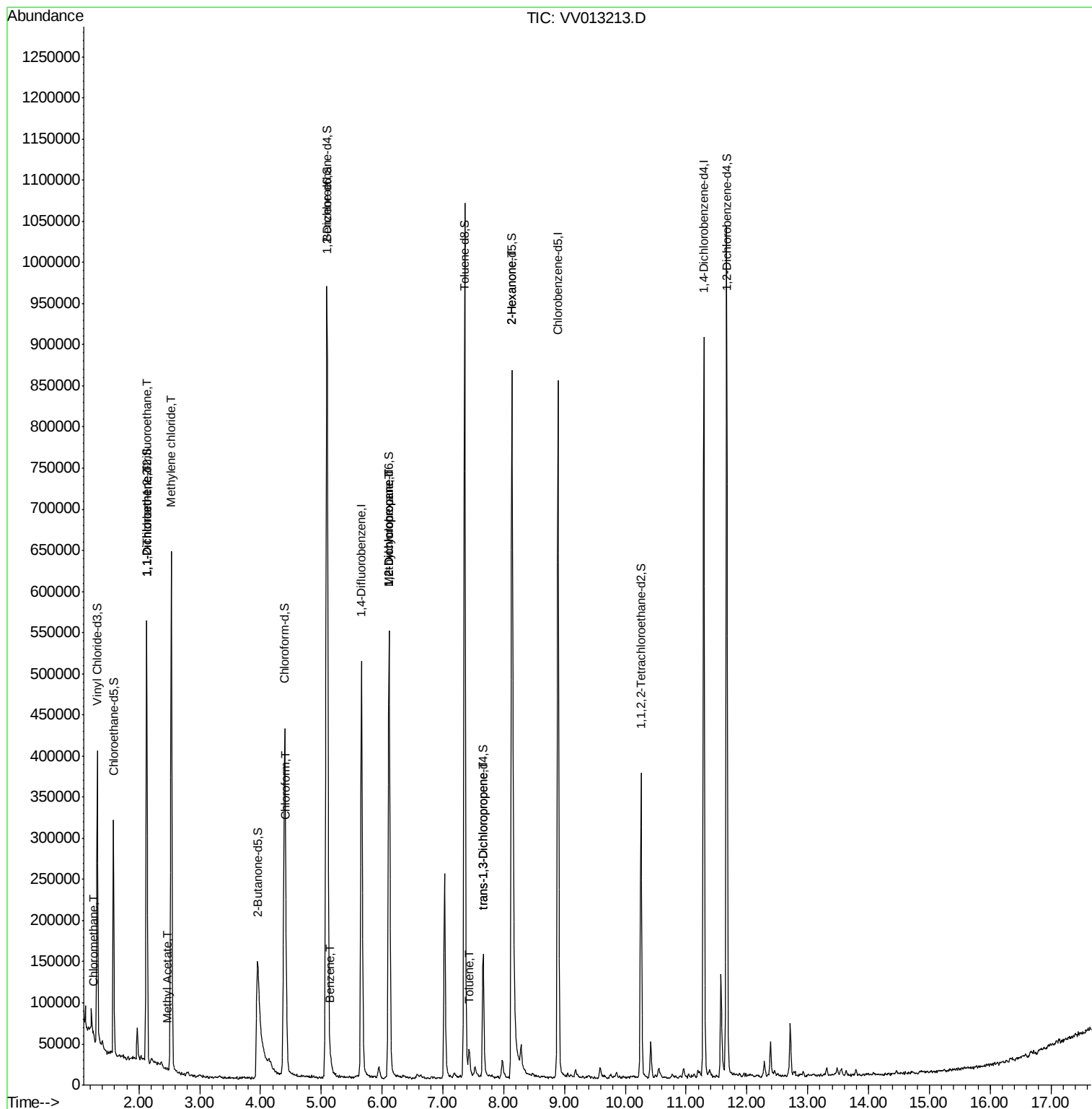
					Qvalue
3) Chloromethane	1.25	50	5602	0.106 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3499	0.095 ug/L #	16
12) 1,1-Dichloroethene	2.13	96	2667	0.076 ug/L #	1
15) Methyl Acetate	2.47	43	3120	0.300 ug/L	93
16) Methylene chloride	2.53	84	262534	5.954 ug/L	97
25) Chloroform	4.42	83	26736	0.303 ug/L	99
33) Benzene	5.15	78	12916	0.069 ug/L	100
35) Methylcyclohexane	6.12	83	64651	0.862 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	29115	0.626 ug/L #	86
42) Toluene	7.43	91	21134	0.109 ug/L	87
44) trans-1,3-Dichloropropene	7.66	75	3113	0.065 ug/L #	60
48) 2-Hexanone	8.13	43	51709	2.847 ug/L #	91

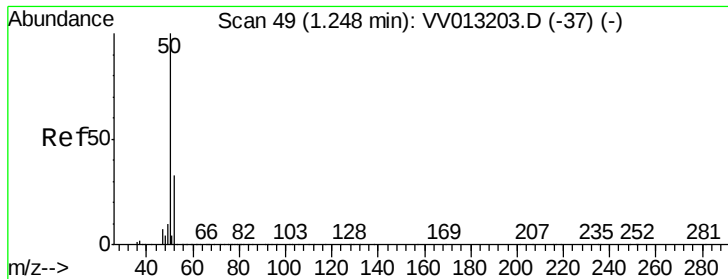
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013213.D
Acq On : 18 Oct 2019 20:00
Operator : SY/MD
Sample : K5404-05
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AB4

Quant Time: Oct 19 04:28:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 04:23:16 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.106 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

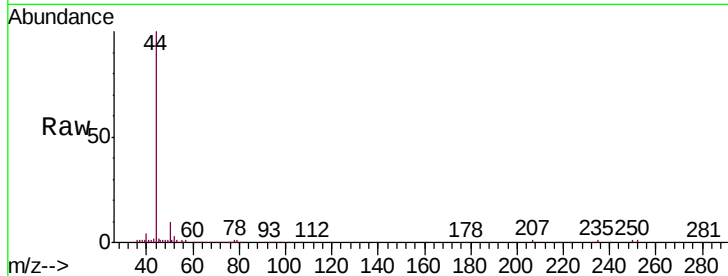
C0AB4

Tgt Ion: 50 Resp: 5602

Ion Ratio Lower Upper

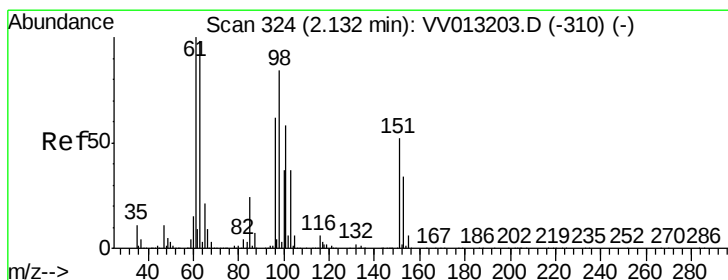
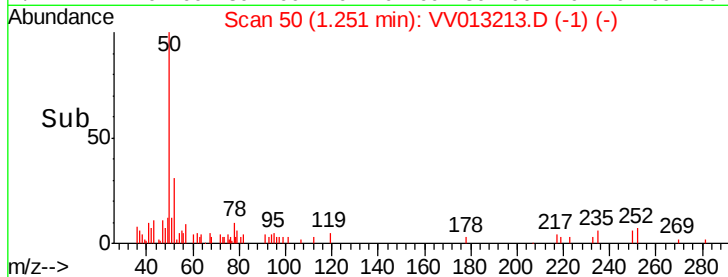
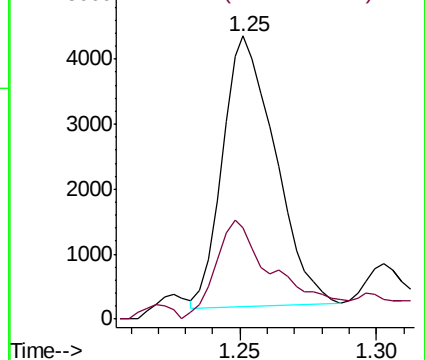
50 100

52 32.5 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VV013213.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV013213.D (-1) (-)



#10

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

Concen: 0.095 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

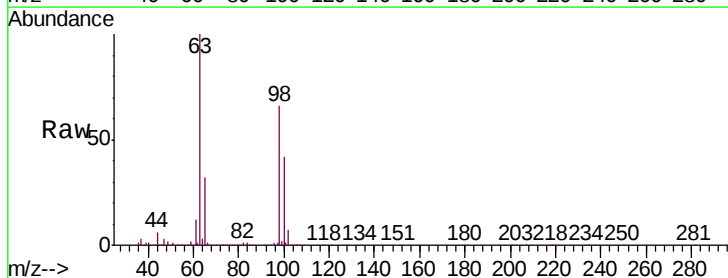
Tgt Ion: 101 Resp: 3499

Ion Ratio Lower Upper

101 100

85 4.1 32.4 48.6#

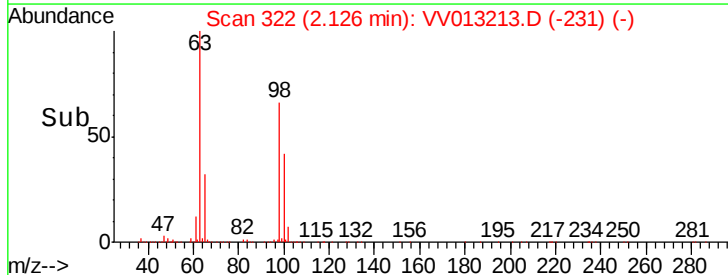
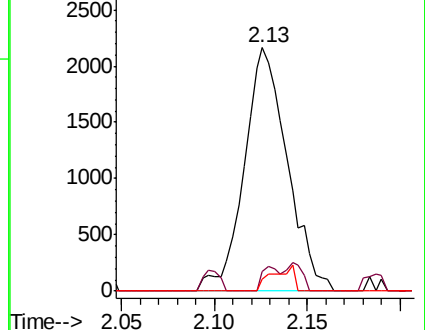
151 0.0 71.9 107.9#

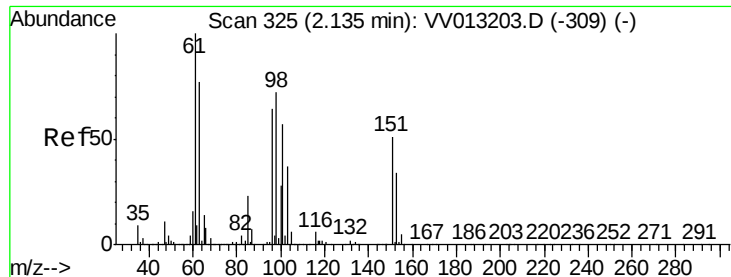


Abundance Ion 101.00 (100.70 to 101.70): VV013213.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV013213.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV013213.D (-231) (-)





#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

C0AB4

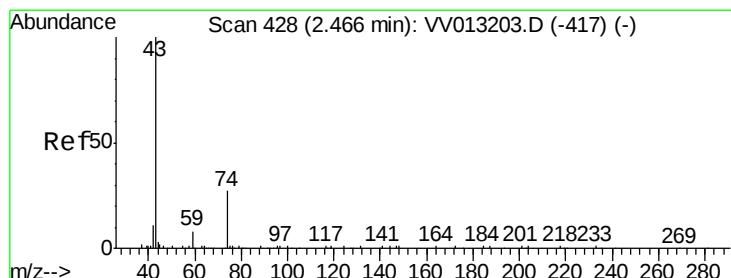
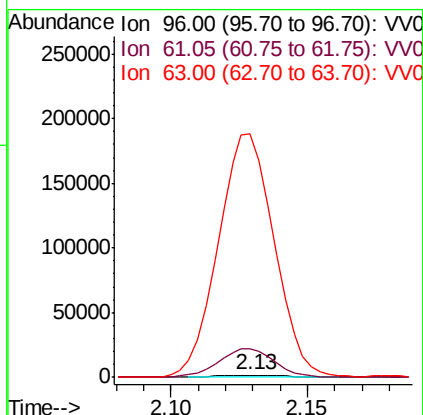
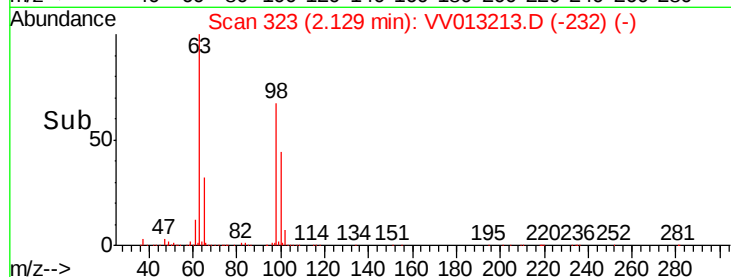
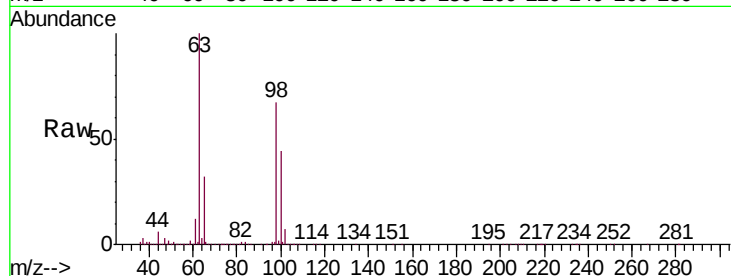
Tgt Ion: 96 Resp: 2667

Ion Ratio Lower Upper

96 100

61 1375.2 109.8 204.0#

63 11676.4 72.6 134.8#



#15

Methyl Acetate

Concen: 0.300 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV013213.D

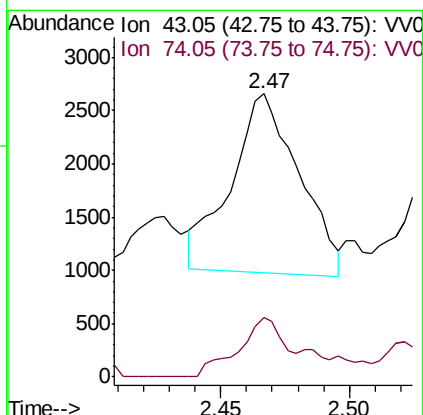
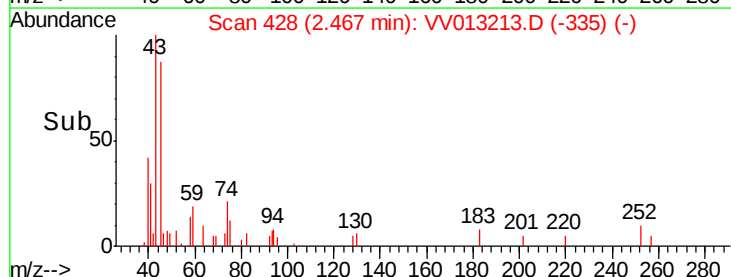
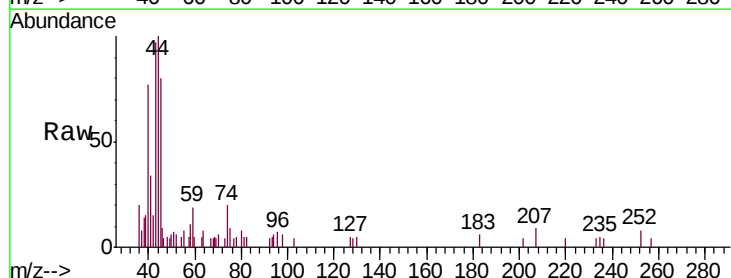
Acq: 18 Oct 2019 20:00

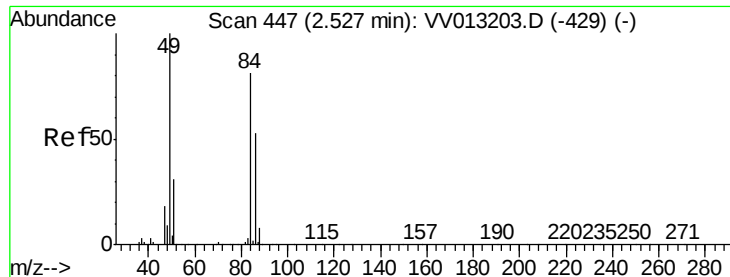
Tgt Ion: 43 Resp: 3120

Ion Ratio Lower Upper

43 100

74 22.1 20.7 31.1

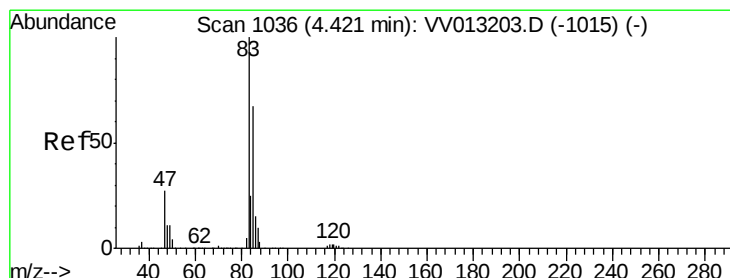
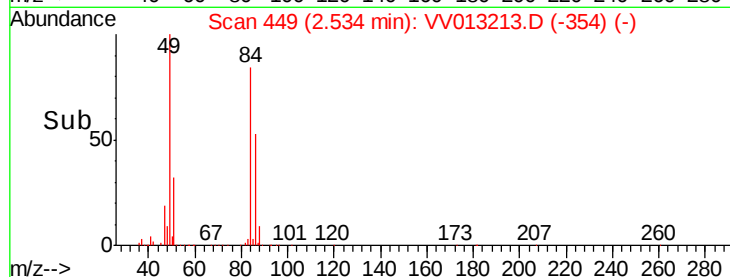
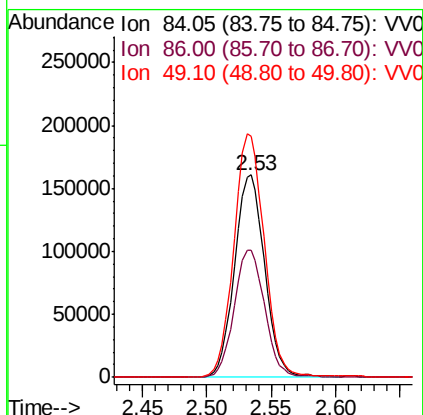
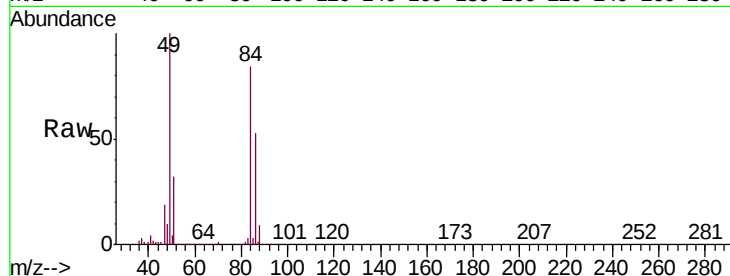




#16
Methylene chloride
Concen: 5.954 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.01 min
Lab File: VV013213.D
Acq: 18 Oct 2019 20:00

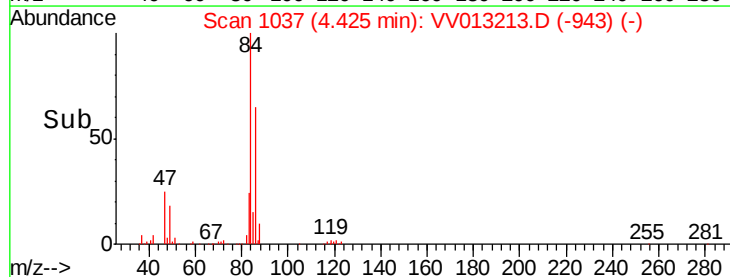
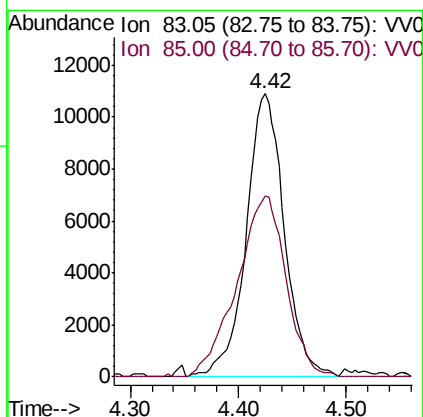
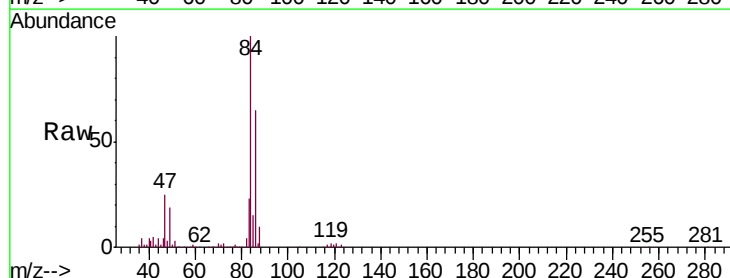
Instrument :
MSVOA_V
ClientSampleId :
C0AB4

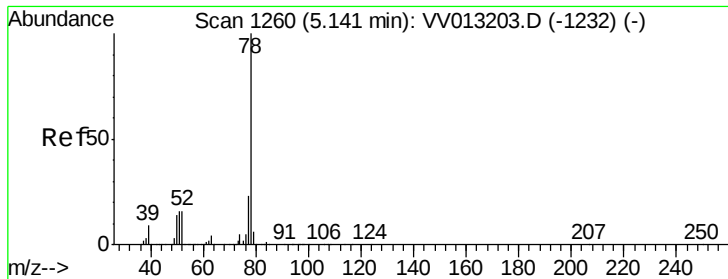
Tgt Ion: 84 Resp: 262534
Ion Ratio Lower Upper
84 100
86 63.2 44.5 82.7
49 119.5 87.3 162.1



#25
Chloroform
Concen: 0.303 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013213.D
Acq: 18 Oct 2019 20:00

Tgt Ion: 83 Resp: 26736
Ion Ratio Lower Upper
83 100
85 63.9 45.5 84.5





#33

Benzene

Concen: 0.069 ug/L

RT: 5.15 min Scan# 1263

Delta R.T. 0.01 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

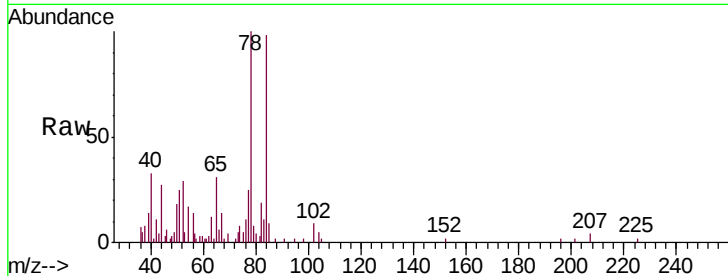
Instrument :

MSVOA_V

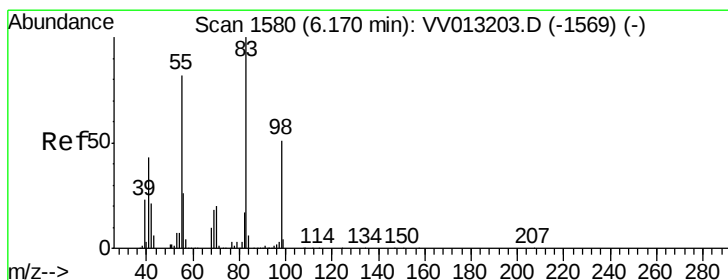
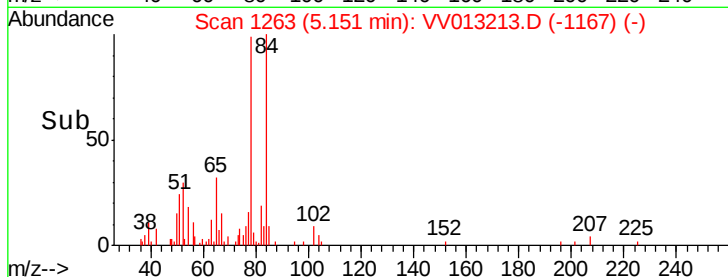
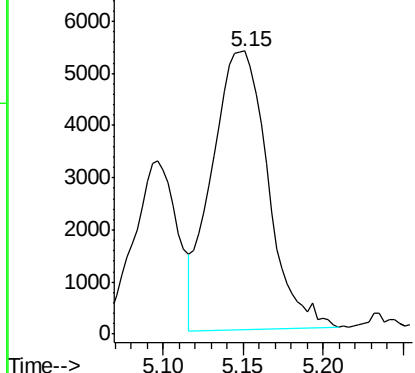
ClientSampleId :

C0AB4

Tgt Ion: 78 Resp: 12916



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.862 ug/L

RT: 6.12 min Scan# 1563

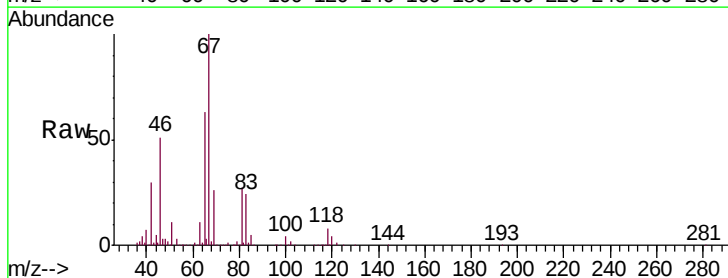
Delta R.T. -0.05 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

Tgt Ion: 83 Resp: 64651

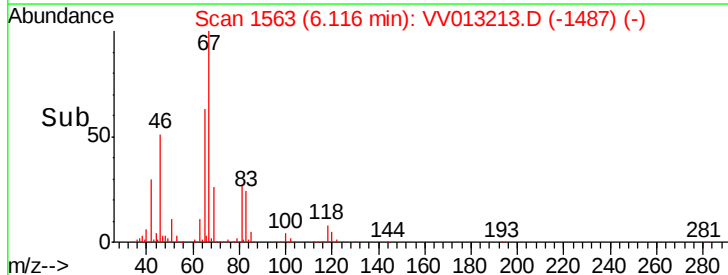
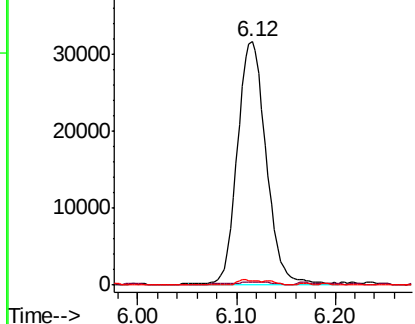
Ion	Ratio	Lower	Upper
83	100		
55	1.3	64.0	96.0#
98	0.8	38.6	57.8#

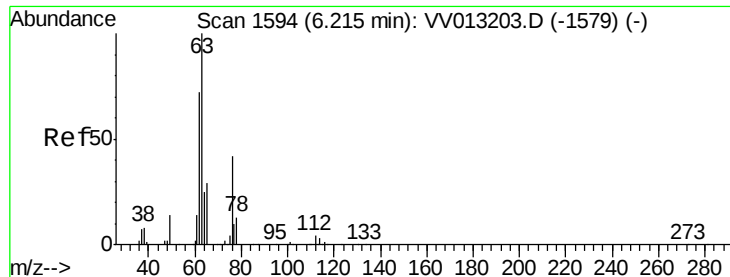


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

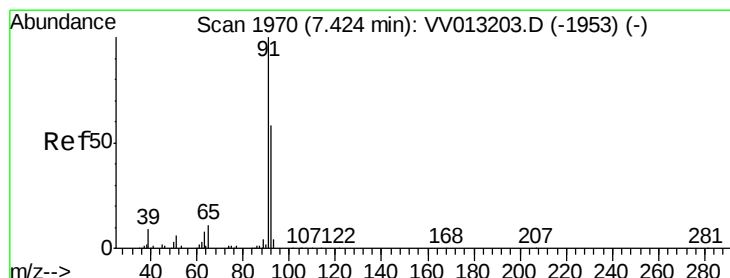
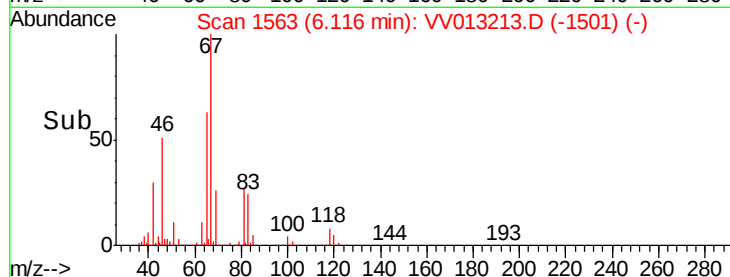
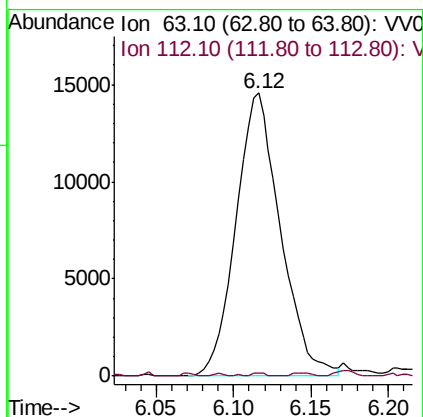
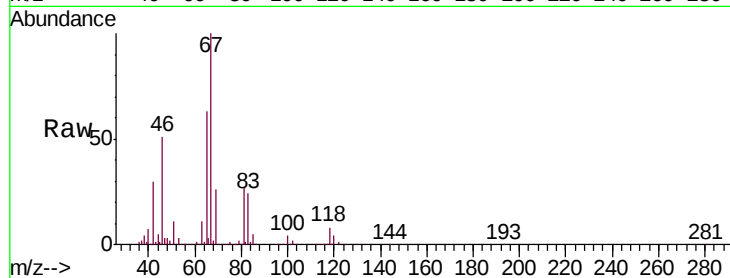




#37
 1,2-Dichloropropane
 Concen: 0.626 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV013213.D
 Acq: 18 Oct 2019 20:00

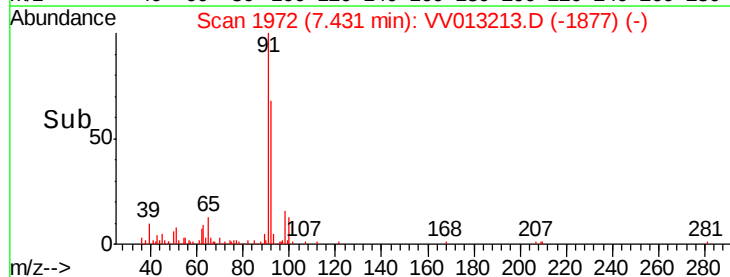
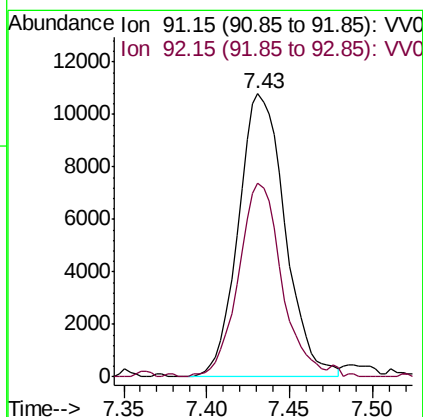
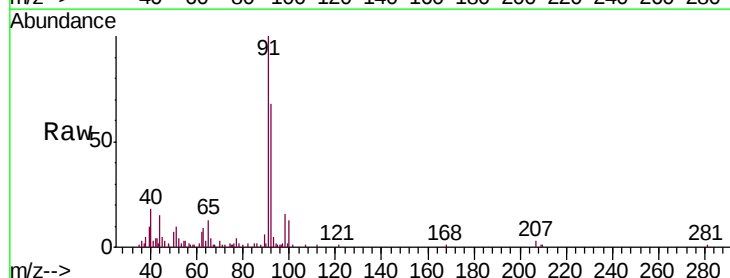
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB4

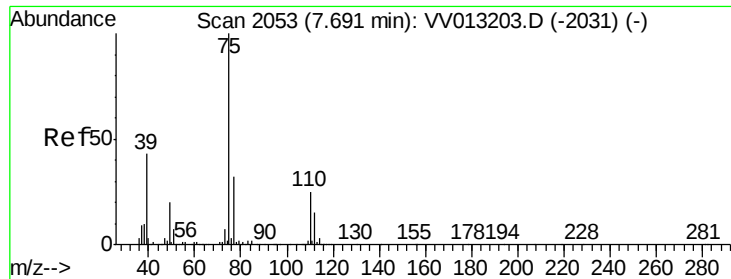
Tgt Ion: 63 Resp: 29115
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#42
 Toluene
 Concen: 0.109 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VV013213.D
 Acq: 18 Oct 2019 20:00

Tgt Ion: 91 Resp: 21134
 Ion Ratio Lower Upper
 91 100
 92 68.3 41.2 76.4





#44

trans-1,3-Dichloropropene

Concen: 0.065 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

Instrument :

MSVOA_V

ClientSampleId :

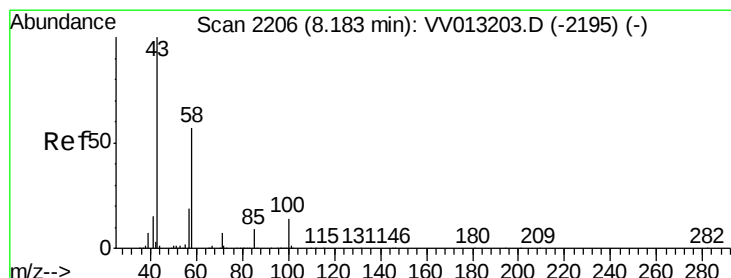
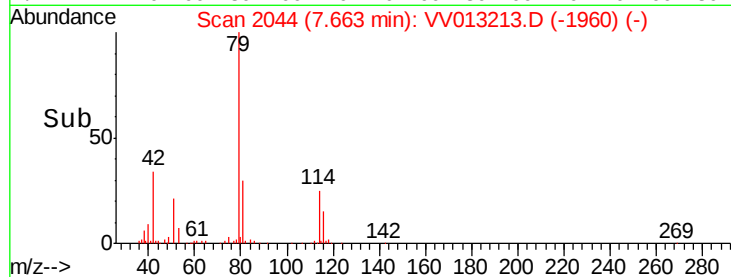
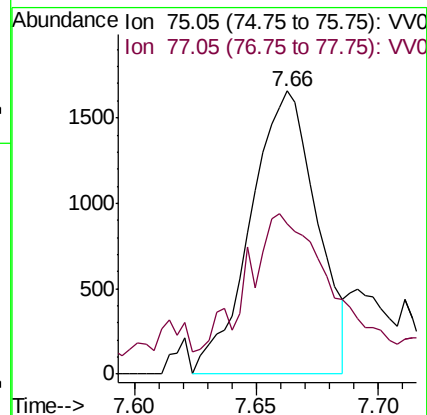
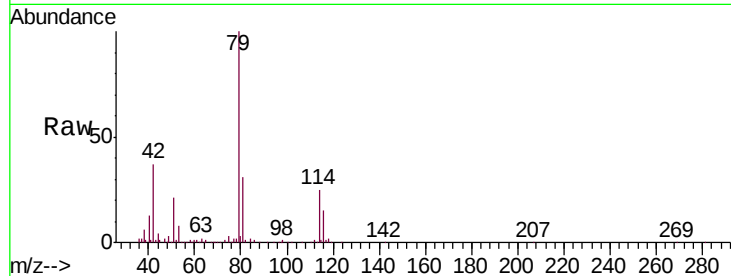
C0AB4

Tgt Ion: 75 Resp: 3113

Ion Ratio Lower Upper

75 100

77 52.9 21.8 40.4#



#48

2-Hexanone

Concen: 2.847 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV013213.D

Acq: 18 Oct 2019 20:00

Tgt Ion: 43 Resp: 51709

Ion Ratio Lower Upper

43 100

58 54.8 44.2 66.2

57 29.0 14.5 21.7#

100 3.1 9.5 14.3#

