

Data File : VV013364.D
Acq On : 25 Oct 2019 22:55
Operator : SY/MD
Sample : K5462-21DL 5X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G25DL

Quant Time: Oct 26 01:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399799	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	439719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	229672	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	186366	6.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	126.40%
7) Chloroethane-d5	1.58	69	146627	6.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.60%
11) 1,1-Dichloroethene-d2	2.13	63	230887	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	3.94	46	366880	64.81	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.62%
24) Chloroform-d	4.40	84	349907	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
26) 1,2-Dichloroethane-d4	5.08	65	168977	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.10	84	761072	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.12	67	220798	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	7.36	98	643752	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	7.66	79	69839	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	223714	38.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.44%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	142876	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	259204	5.80	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.00%

Target Compounds

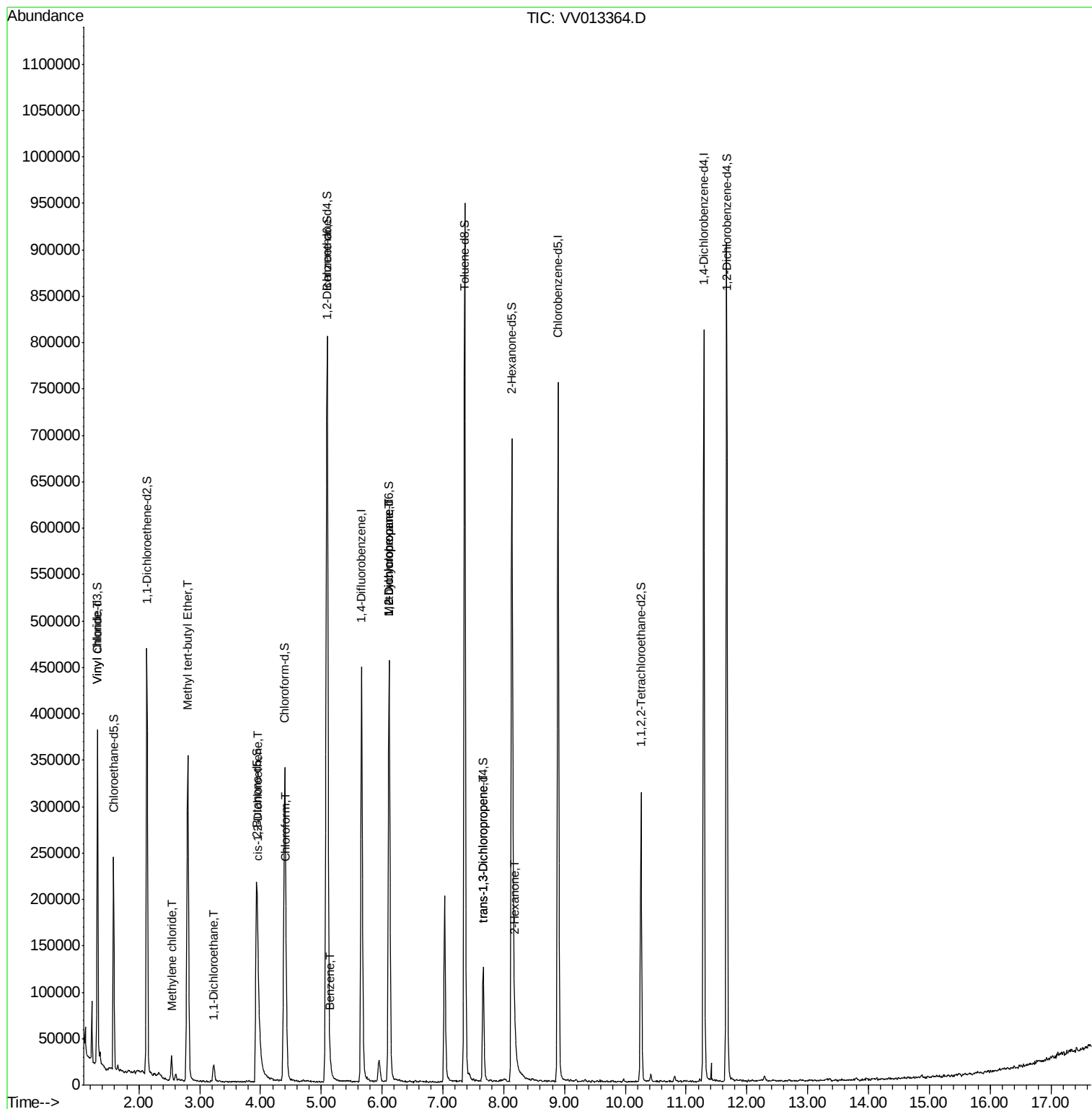
					Qvalue
5) Vinyl chloride	1.32	62	19383	0.502 ug/L #	75
16) Methylene chloride	2.54	84	11001	0.233 ug/L	88
17) Methyl tert-butyl Ether	2.80	73	346227	4.756 ug/L	97
19) 1,1-Dichloroethane	3.23	63	17995	0.299 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	5832	0.147 ug/L #	78
25) Chloroform	4.43	83	24922	0.317 ug/L	97
33) Benzene	5.15	78	10584	0.063 ug/L	100
35) Methylcyclohexane	6.12	83	55165	0.796 ug/L #	18
37) 1,2-Dichloropropane	6.11	63	23258	0.570 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	2953	0.068 ug/L	93
48) 2-Hexanone	8.18	43	24610	1.653 ug/L #	87

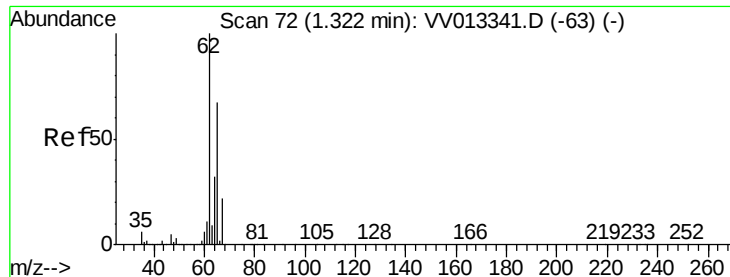
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV013364.D
Acq On : 25 Oct 2019 22:55
Operator : SY/MD
Sample : K5462-21DL 5X
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H0G25DL

Quant Time: Oct 26 01:04:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 26 00:57:59 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.502 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

Instrument :

MSVOA_V

ClientSampleId :

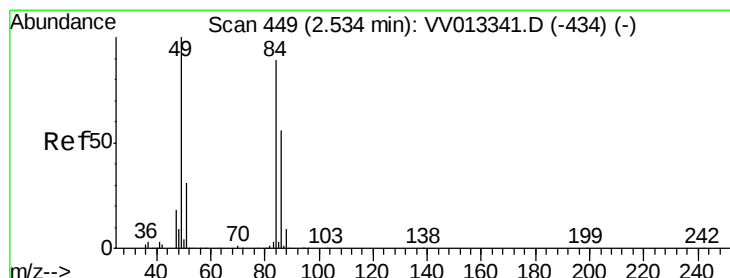
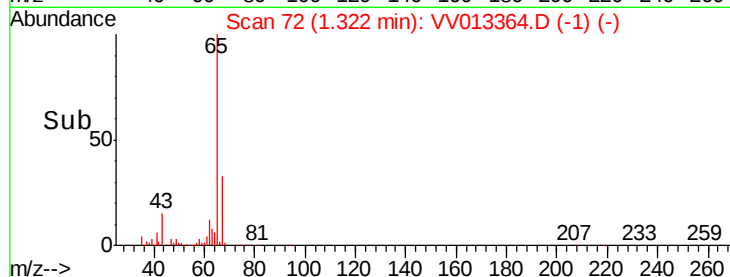
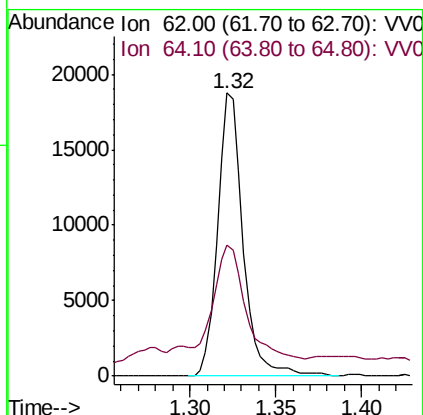
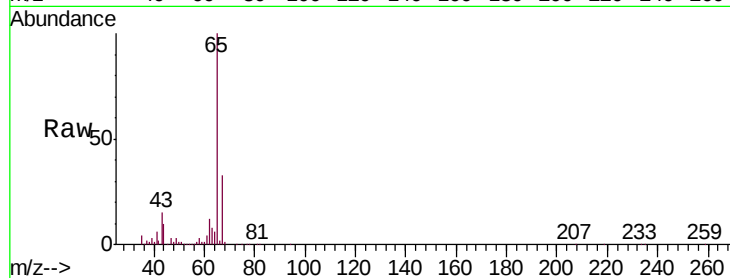
H0G25DL

Tgt Ion: 62 Resp: 19383

Ion Ratio Lower Upper

62 100

64 46.5 22.9 42.5#



#16

Methylene chloride

Concen: 0.233 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

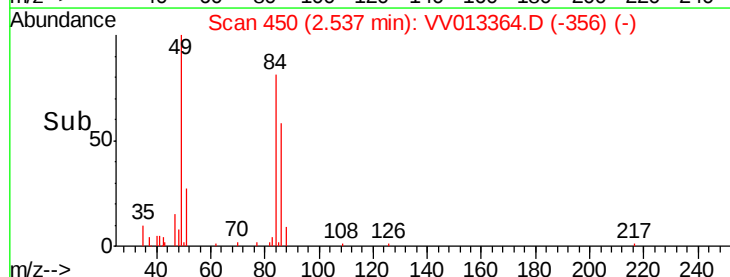
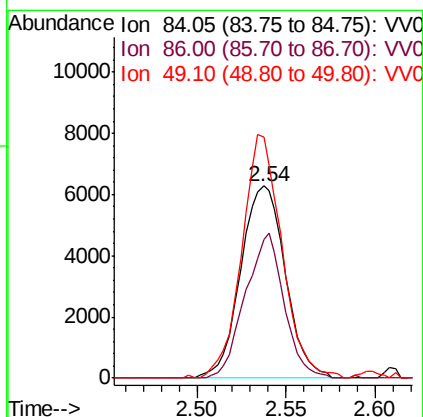
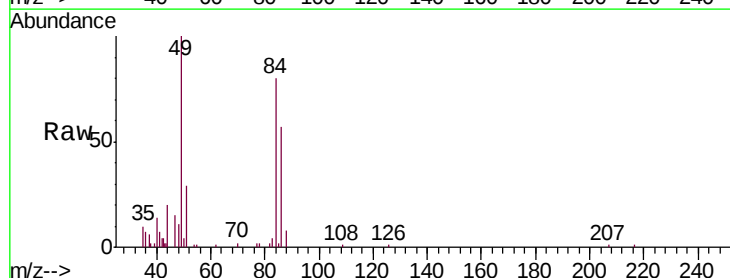
Tgt Ion: 84 Resp: 11001

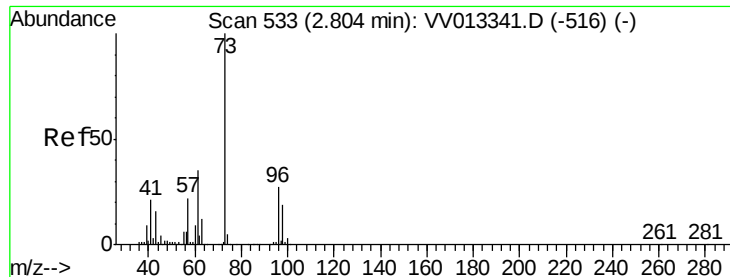
Ion Ratio Lower Upper

84 100

86 71.9 46.2 85.8

49 125.4 76.4 141.8

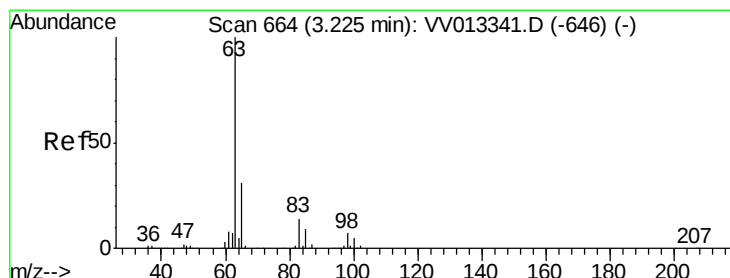
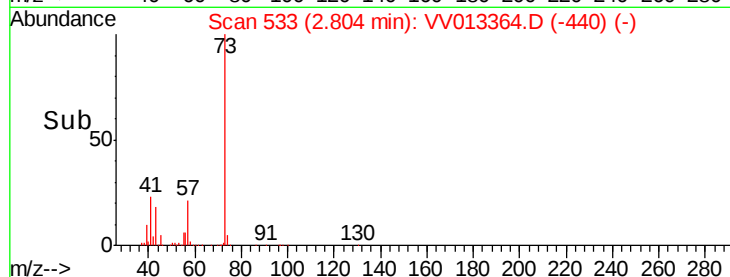
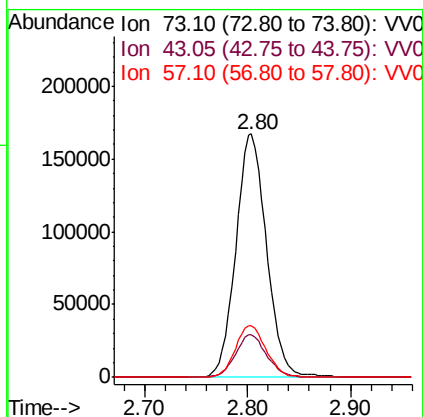
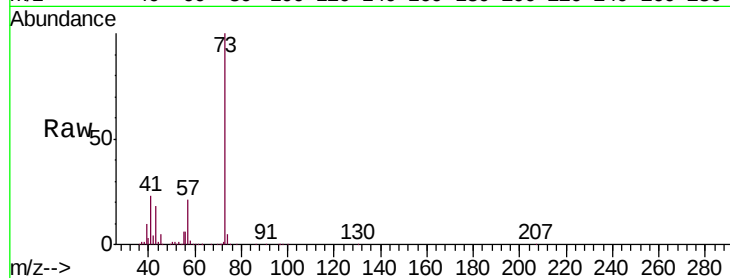




#17
Methyl tert-butyl Ether
Concen: 4.756 ug/L
RT: 2.80 min Scan# 533
Delta R.T. -0.00 min
Lab File: VV013364.D
Acq: 25 Oct 2019 22:55

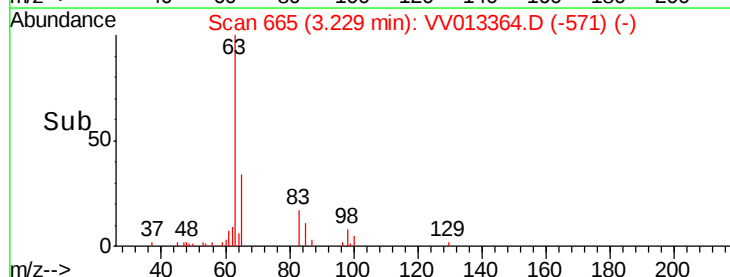
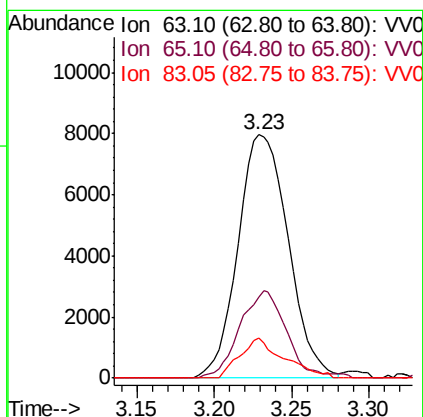
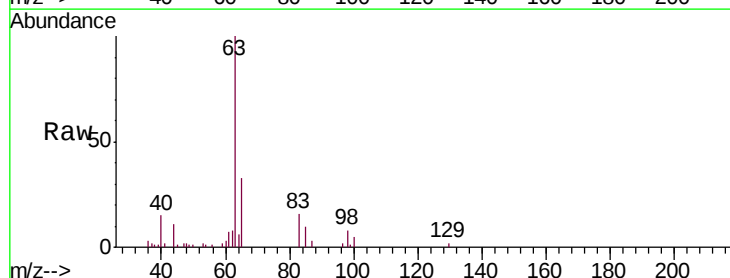
Instrument :
MSVOA_V
ClientSampleId :
H0G25DL

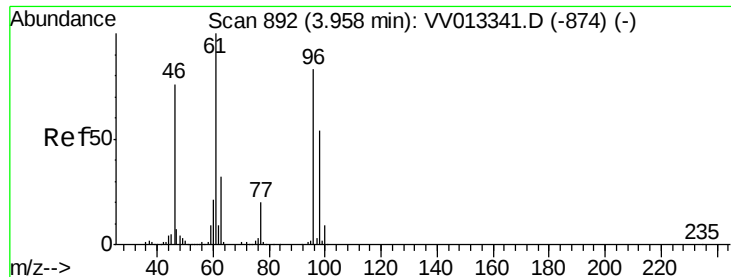
Tgt Ion	Ratio	Lower	Upper
73	100		
43	18.0	13.1	19.7
57	21.4	16.4	24.6



#19
1,1-Dichloroethane
Concen: 0.299 ug/L
RT: 3.23 min Scan# 665
Delta R.T. 0.00 min
Lab File: VV013364.D
Acq: 25 Oct 2019 22:55

Tgt Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.0	42.8
83	16.4	10.2	19.0



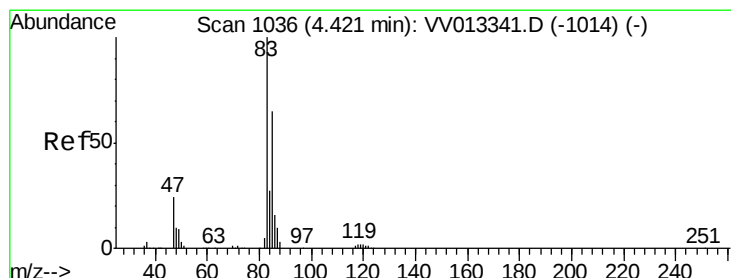
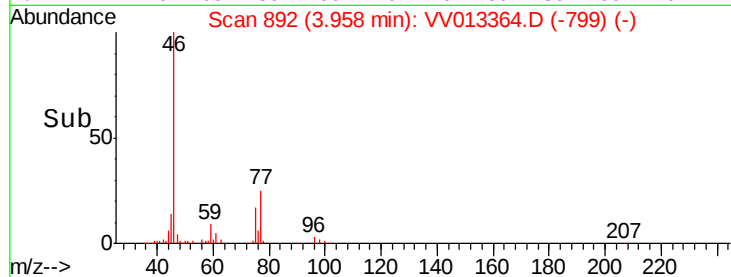
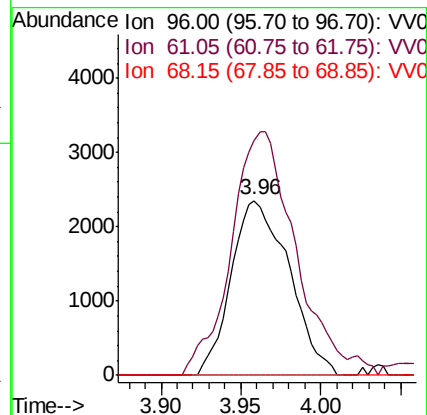
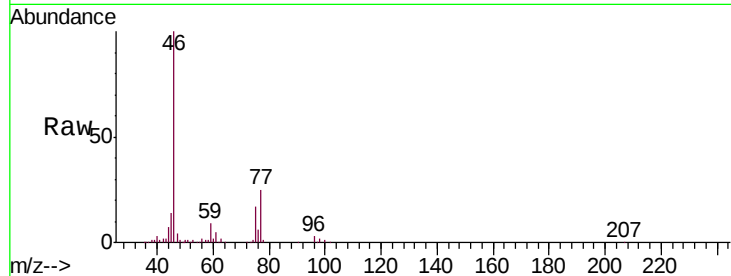


#22

cis-1,2-Dichloroethene
 Concen: 0.147 ug/L
 RT: 3.96 min Scan# 892
 Delta R.T. -0.00 min
 Lab File: VV013364.D
 Acq: 25 Oct 2019 22:55

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25DL

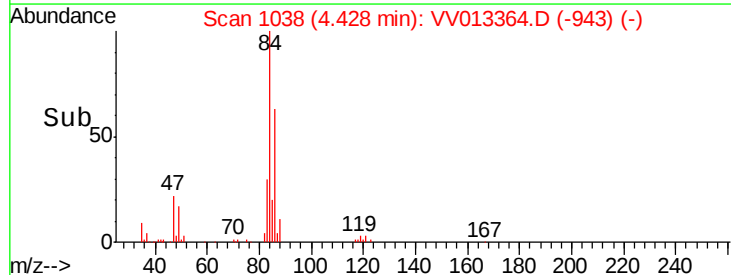
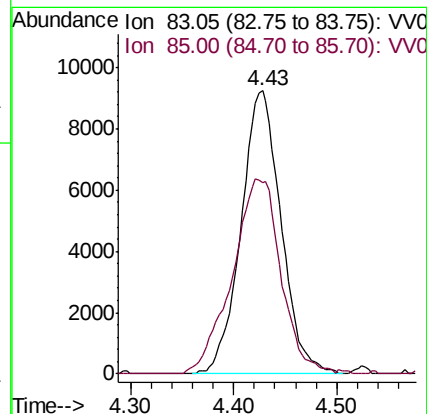
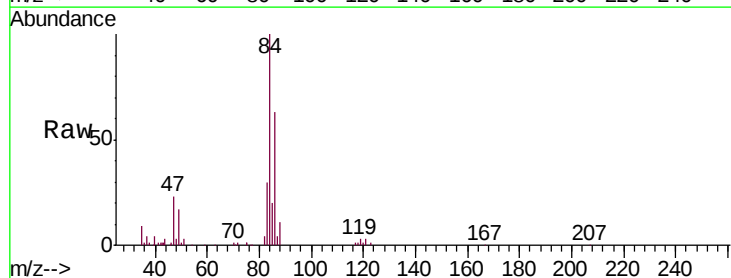
Tgt Ion: 96 Resp: 5832
 Ion Ratio Lower Upper
 96 100
 61 134.2 77.3 143.7
 68 0.0 0.1 0.1#

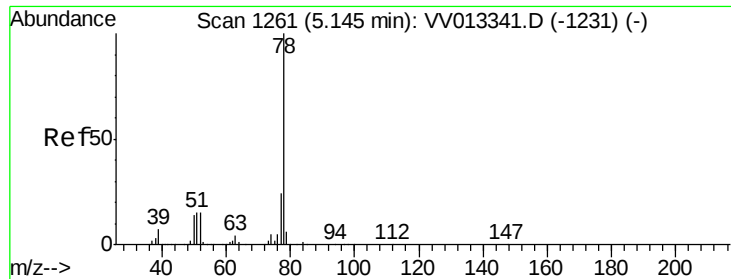


#25

Chloroform
 Concen: 0.317 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV013364.D
 Acq: 25 Oct 2019 22:55

Tgt Ion: 83 Resp: 24922
 Ion Ratio Lower Upper
 83 100
 85 67.6 45.7 84.9





#33

Benzene

Concen: 0.063 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.01 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

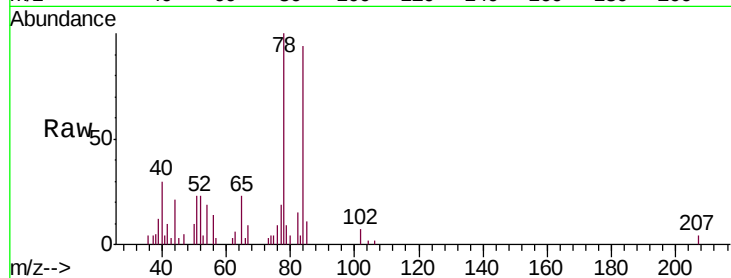
Instrument :

MSVOA_V

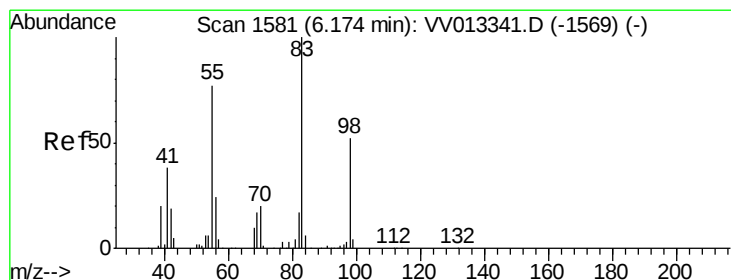
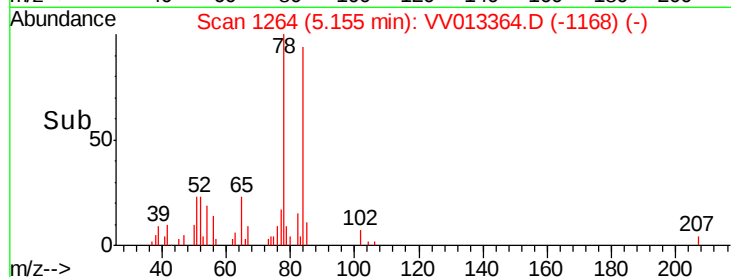
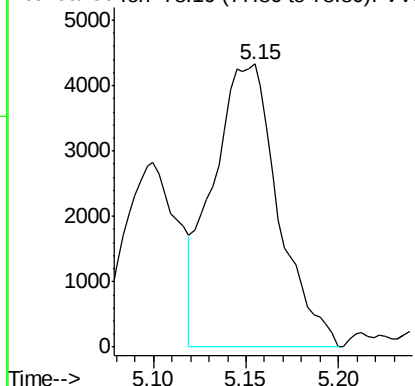
ClientSampleId :

H0G25DL

Tgt Ion: 78 Resp: 10584



Abundance Ion 78.10 (77.80 to 78.80): VV0



#35

Methylcyclohexane

Concen: 0.796 ug/L

RT: 6.12 min Scan# 1563

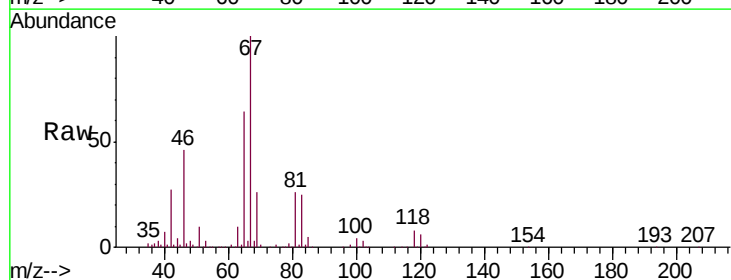
Delta R.T. -0.06 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

Tgt Ion: 83 Resp: 55165

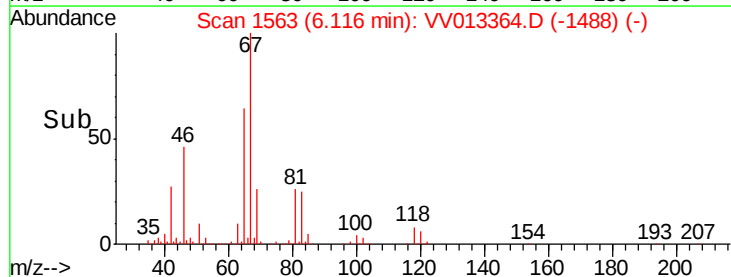
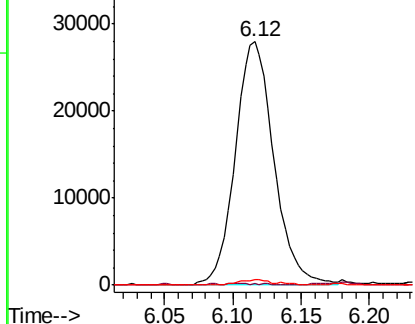
Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.4	93.6#
98	1.7	39.2	58.8#

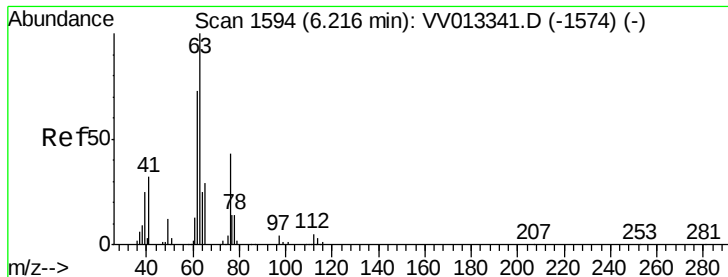


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.570 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.10 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

Instrument :

MSVOA_V

ClientSampleId :

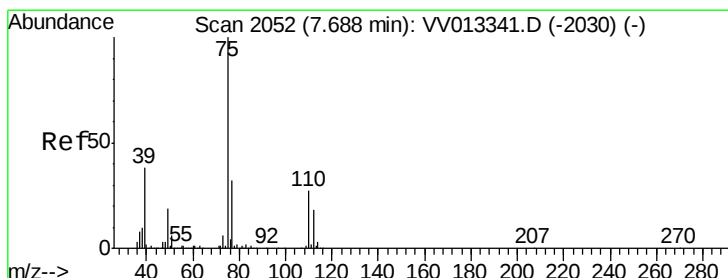
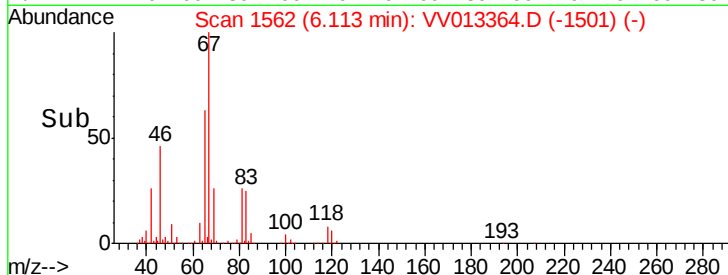
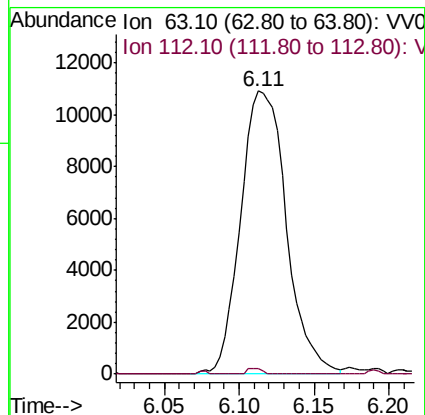
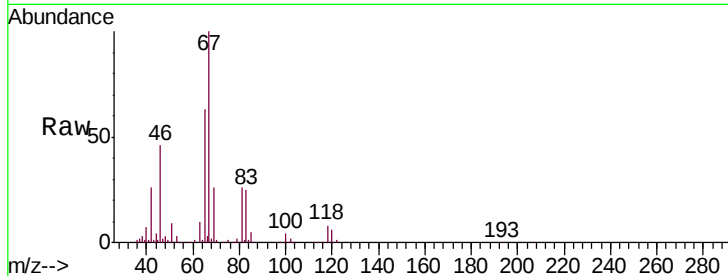
H0G25DL

Tgt Ion: 63 Resp: 23258

Ion Ratio Lower Upper

63 100

112 0.6 4.1 6.1#



#44

trans-1,3-Dichloropropene

Concen: 0.068 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV013364.D

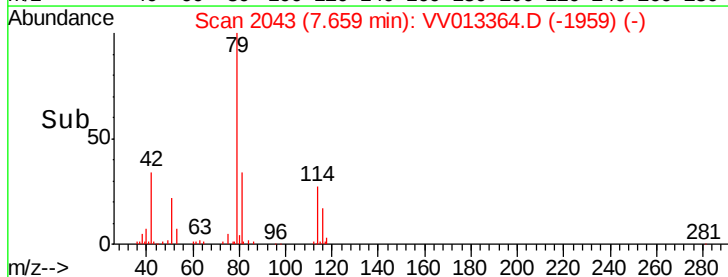
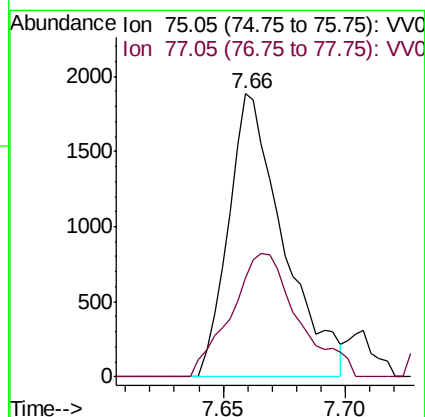
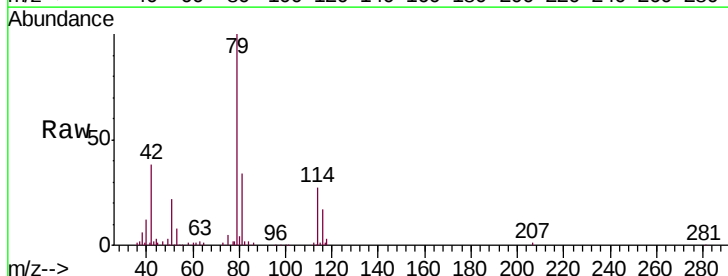
Acq: 25 Oct 2019 22:55

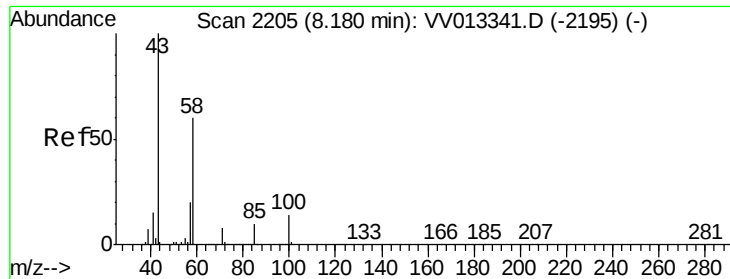
Tgt Ion: 75 Resp: 2953

Ion Ratio Lower Upper

75 100

77 34.9 21.8 40.6





#48

2-Hexanone

Concen: 1.653 ug/L

RT: 8.18 min Scan# 2205

Delta R.T. -0.00 min

Lab File: VV013364.D

Acq: 25 Oct 2019 22:55

Instrument :

MSVOA_V

ClientSampleId :

H0G25DL

Tgt Ion: 43 Resp: 24610

Ion Ratio Lower Upper

43 100

58 42.8 45.1 67.7#

57 16.7 15.5 23.3

100 12.6 10.2 15.2

