

Data File : VV012469.D
Acq On : 30 Aug 2019 21:48
Operator : SY/MD
Sample : K4501-06
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GANM1

Quant Time: Aug 31 01:42:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 31 01:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	213971	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	220639	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66565	3.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.80%
7) Chloroethane-d5	1.58	69	50361	3.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.00%
11) 1,1-Dichloroethene-d2	2.13	63	81403	2.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.00%#
20) 2-Butanone-d5	3.95	46	158342	40.74	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.48%
24) Chloroform-d	4.40	84	125637	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.80%
26) 1,2-Dichloroethane-d4	5.08	65	65165	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	243995	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.00%
36) 1,2-Dichloropropane-d6	6.12	67	80527	3.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.00%
41) Toluene-d8	7.36	98	194201	3.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.40%#
43) trans-1,3-Dichloropropene-	7.67	79	25302	3.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.40%
46) 2-Hexanone-d5	8.14	63	119476	41.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56437	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	72061	4.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.00%

Target Compounds

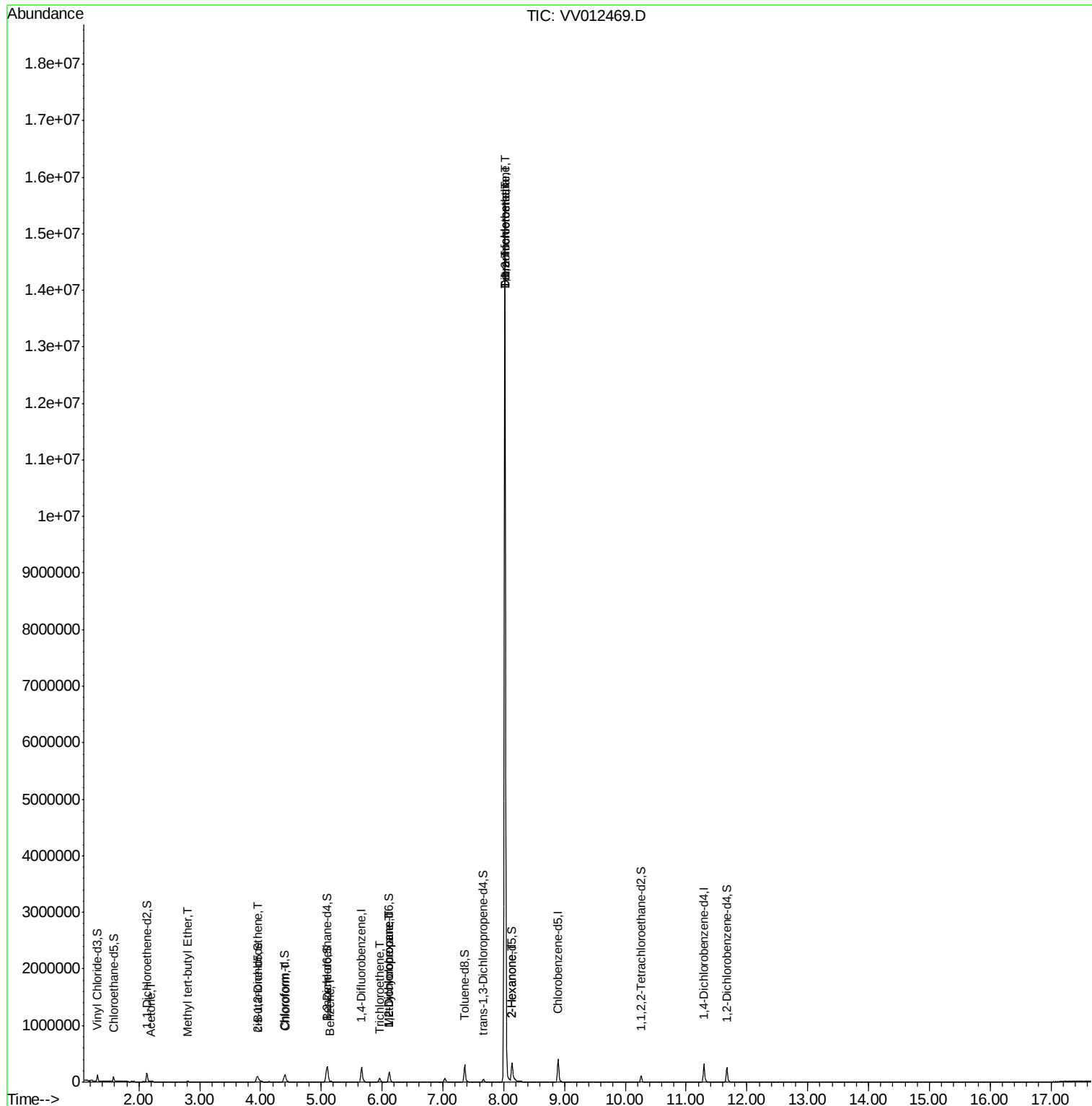
						Qvalue
13) Acetone	2.20	43	7232	2.546	ug/L	91
17) Methyl tert-butyl Ether	2.81	73	4518	0.101	ug/L #	88
22) cis-1,2-Dichloroethene	3.96	96	6722	0.309	ug/L	86
25) Chloroform	4.42	83	5109	0.120	ug/L	86
33) Benzene	5.15	78	5503	0.060	ug/L	100
34) Trichloroethene	5.96	95	20988	0.902	ug/L	91
35) Methylcyclohexane	6.12	83	18766	0.530	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	8930	0.375	ug/L #	87
45) 1,1,2-Trichloroethane	8.02	97	29016	1.836	ug/L #	1
47) Tetrachloroethene	8.02	164	3388013	181.863	ug/L	99
48) 2-Hexanone	8.14	43	15011	1.633	ug/L #	75
49) Dibromochloromethane	8.02	129	3047826	167.516	ug/L #	11

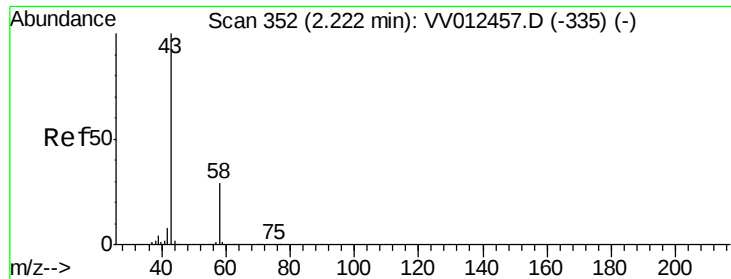
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 31 01:38:02 2019
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#13

Acetone

Concen: 2.546 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.02 min

Lab File: VV012469.D

Acq: 30 Aug 2019 21:48

Instrument :

MSVOA_V

ClientSampleId :

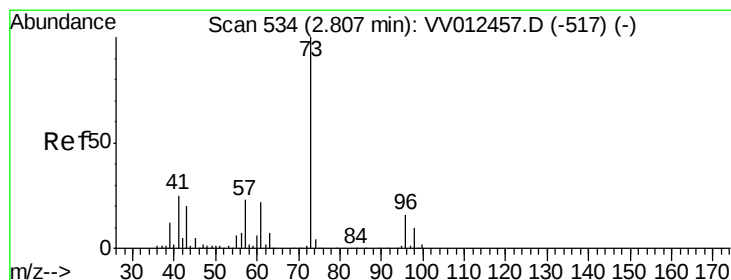
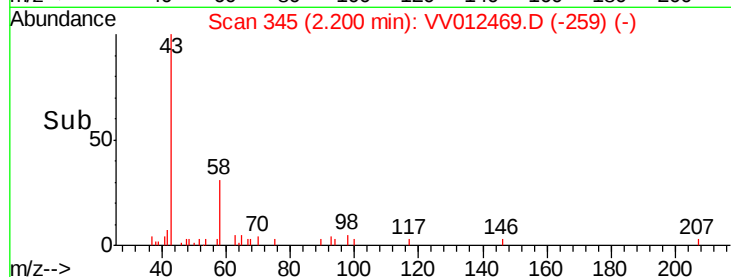
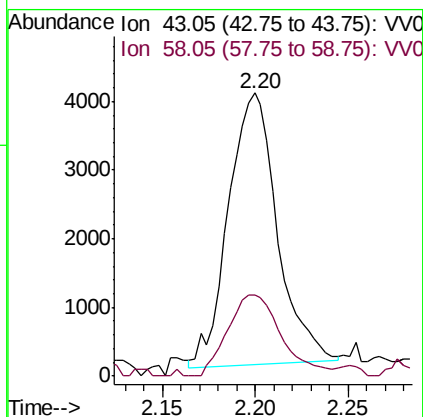
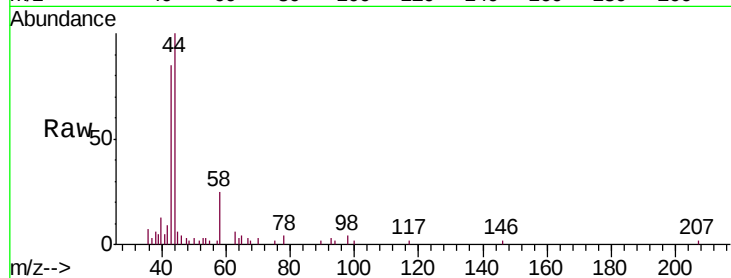
GANM1

Tgt Ion: 43 Resp: 7232

Ion Ratio Lower Upper

43 100

58 33.1 0.0 56.8



#17

Methyl tert-butyl Ether

Concen: 0.101 ug/L

RT: 2.81 min Scan# 535

Delta R.T. 0.00 min

Lab File: VV012469.D

Acq: 30 Aug 2019 21:48

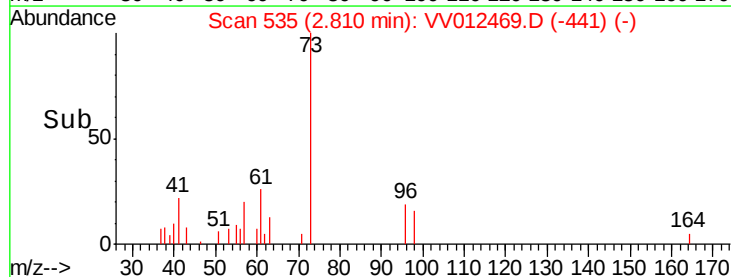
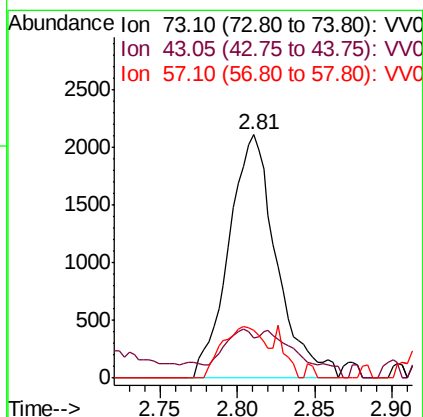
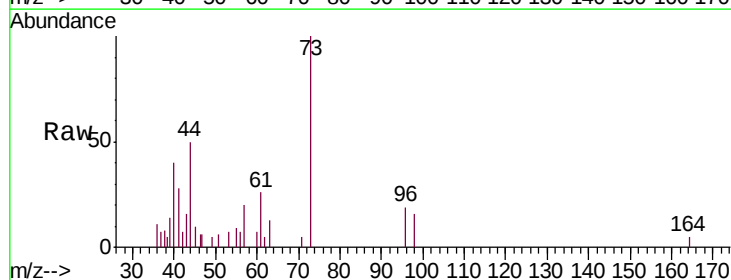
Tgt Ion: 73 Resp: 4518

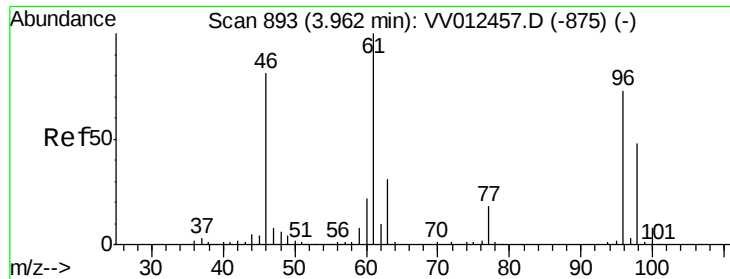
Ion Ratio Lower Upper

73 100

43 12.9 16.1 24.1#

57 19.4 18.8 28.2



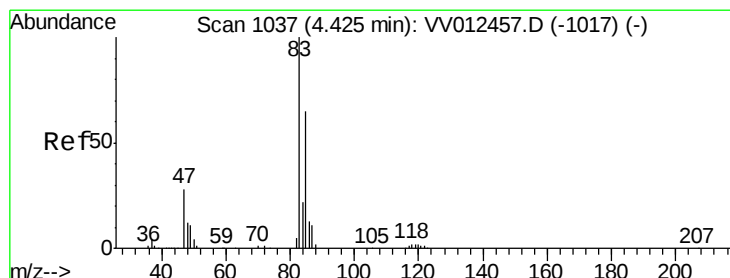
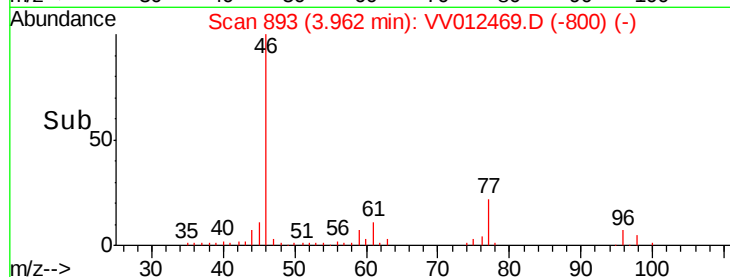
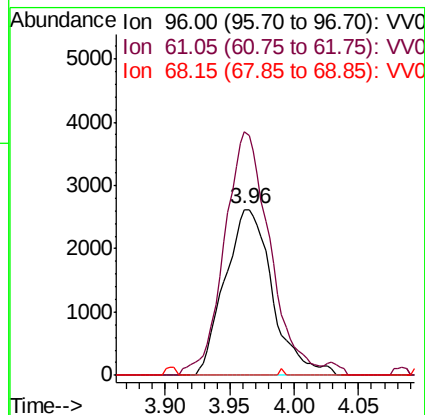
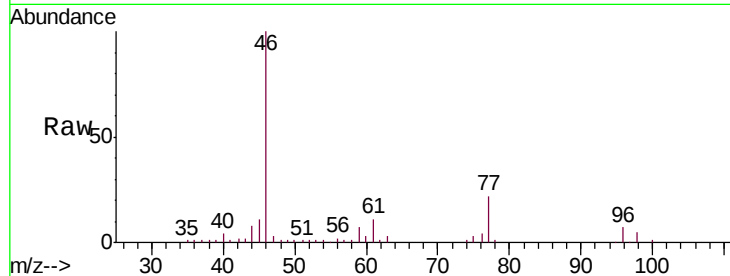


#22

cis-1,2-Dichloroethene
Concen: 0.309 ug/L
RT: 3.96 min Scan# 893
Delta R.T. -0.00 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
GANM1

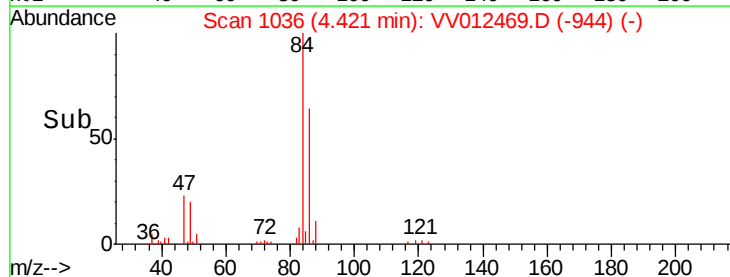
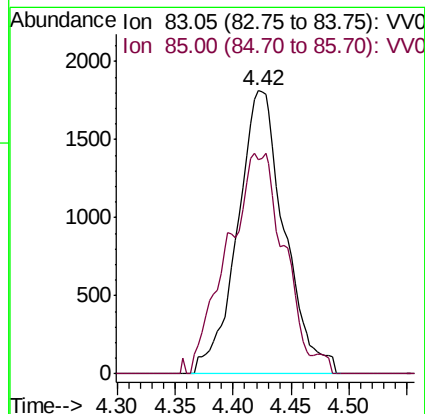
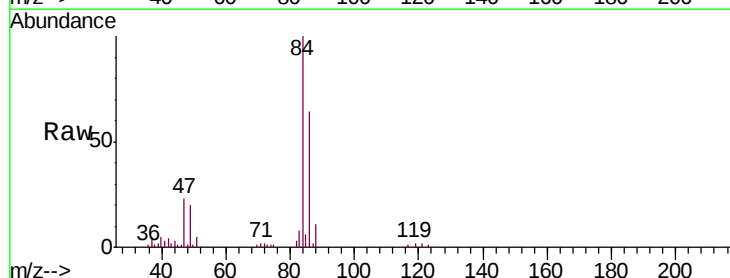
Tgt Ion: 96 Resp: 6722
Ion Ratio Lower Upper
96 100
61 146.8 91.5 169.9
68 0.0 0.0 0.0

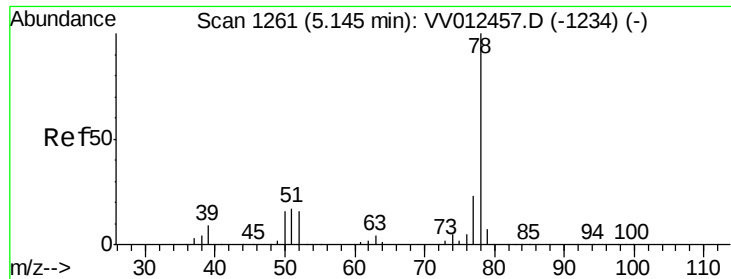


#25

Chloroform
Concen: 0.120 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Tgt Ion: 83 Resp: 5109
Ion Ratio Lower Upper
83 100
85 75.6 45.4 84.4

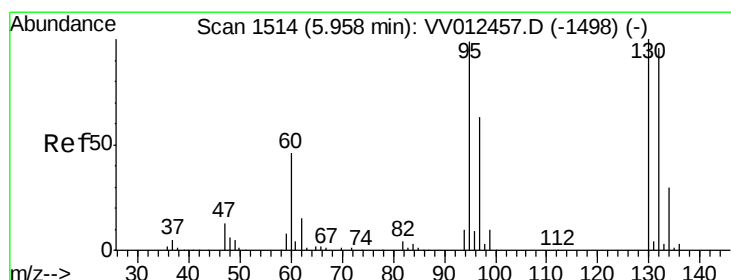
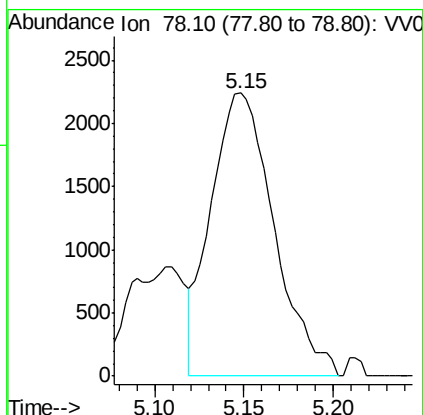
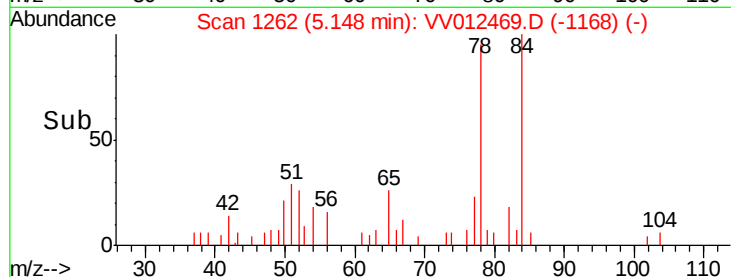
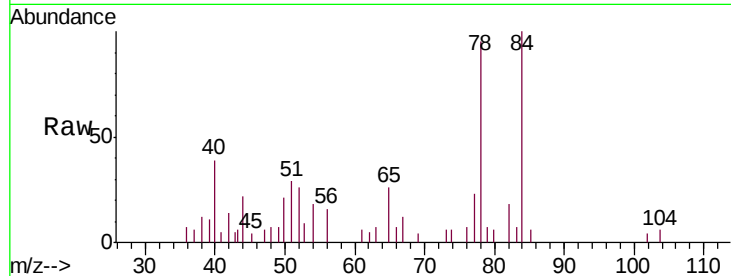




#33
Benzene
Concen: 0.060 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.00 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
GANM1

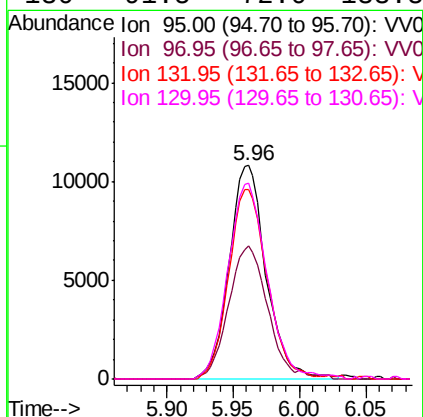
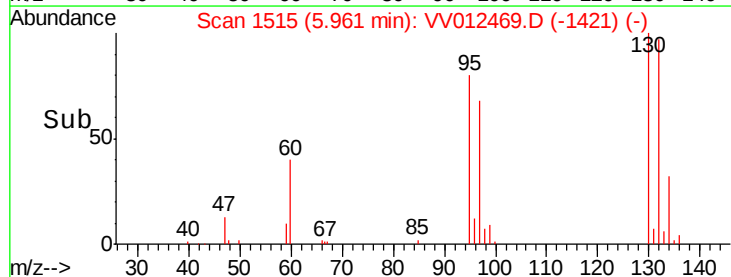
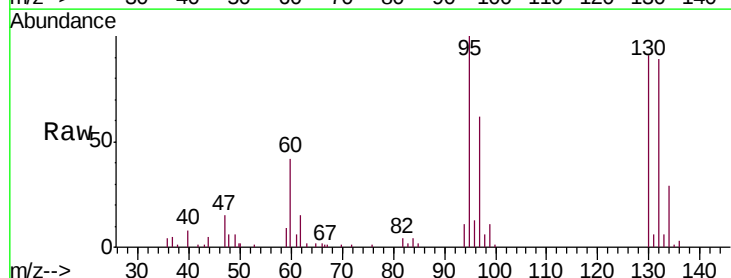
Tgt Ion: 78 Resp: 5503

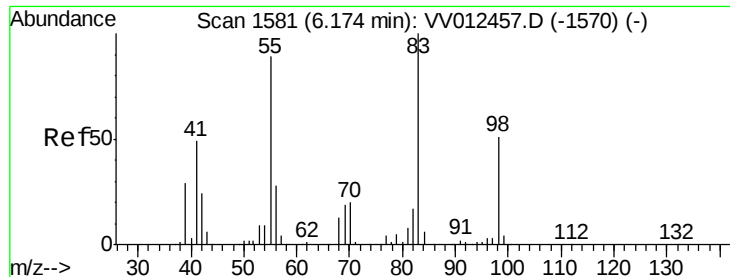


#34
Trichloroethene
Concen: 0.902 ug/L
RT: 5.96 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Tgt Ion: 95 Resp: 20988

Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.8	85.2
132	88.7	68.3	126.9
130	91.5	72.0	133.8

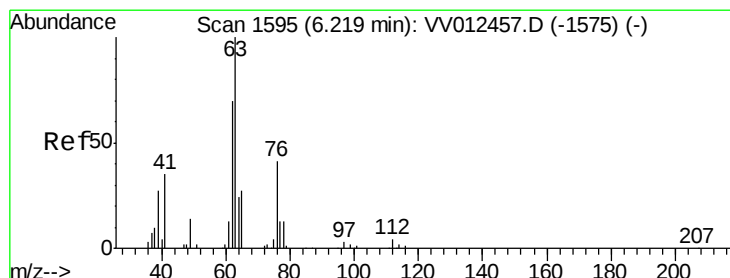
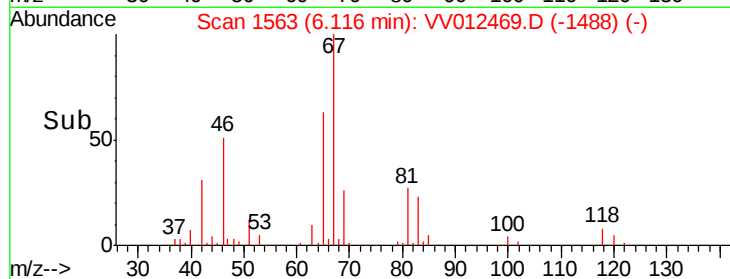
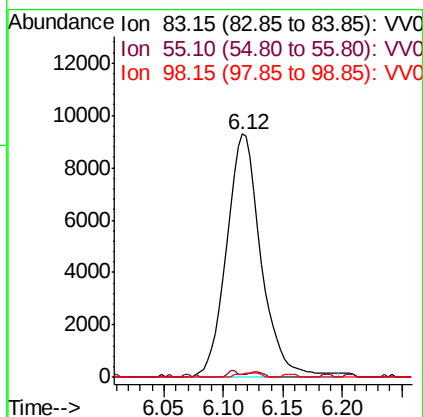
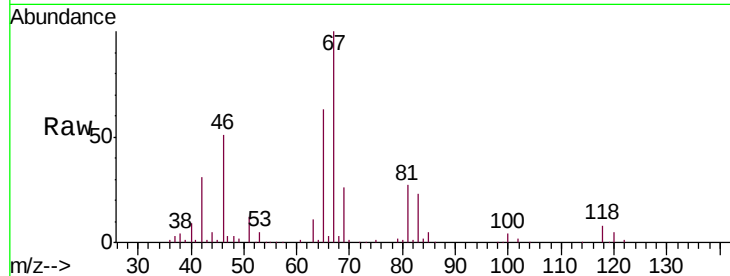




#35
Methylcyclohexane
Concen: 0.530 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

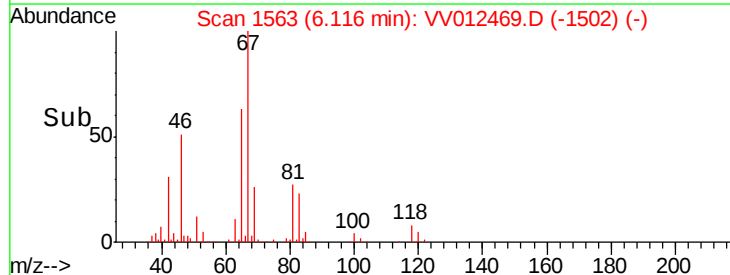
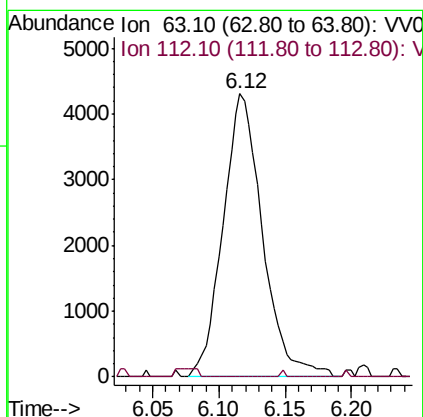
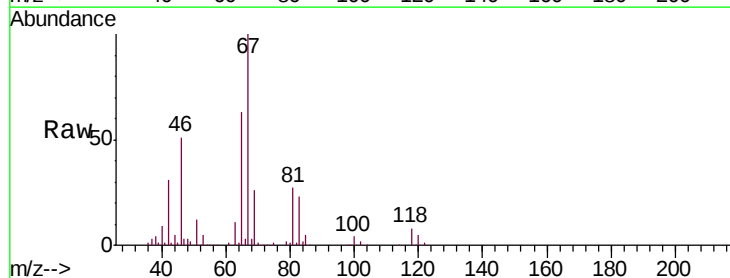
Instrument :
MSVOA_V
ClientSampled :
GANM1

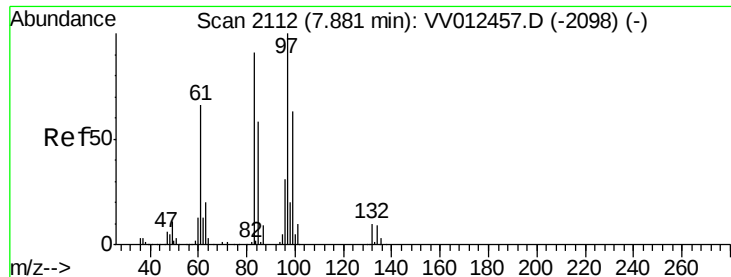
Tgt Ion: 83 Resp: 18766
Ion Ratio Lower Upper
83 100
55 1.0 67.8 101.6#
98 1.2 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.375 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Tgt Ion: 63 Resp: 8930
Ion Ratio Lower Upper
63 100
112 0.2 3.7 5.5#

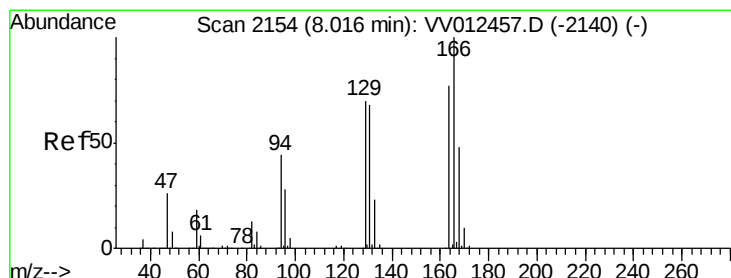
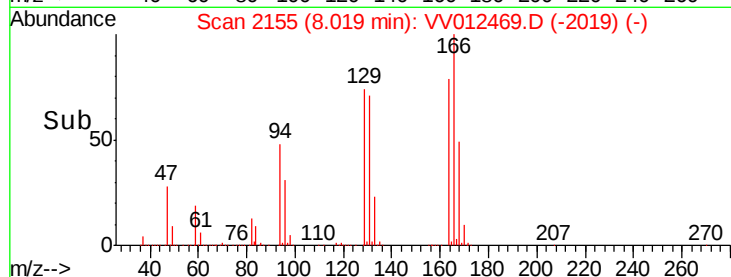
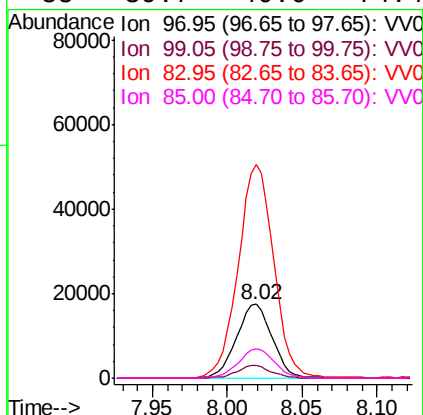
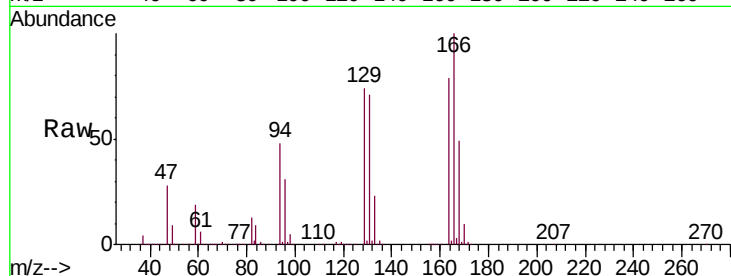




#45
 1,1,2-Trichloroethane
 Concen: 1.836 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.14 min
 Lab File: VV012469.D
 Acq: 30 Aug 2019 21:48

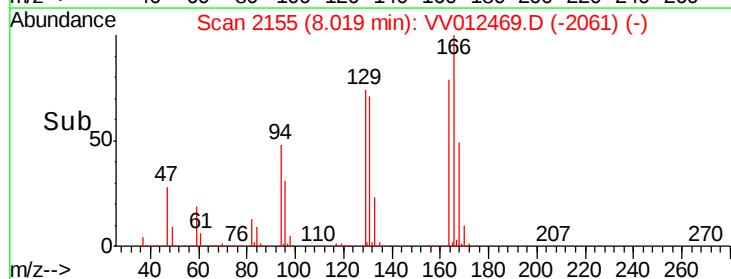
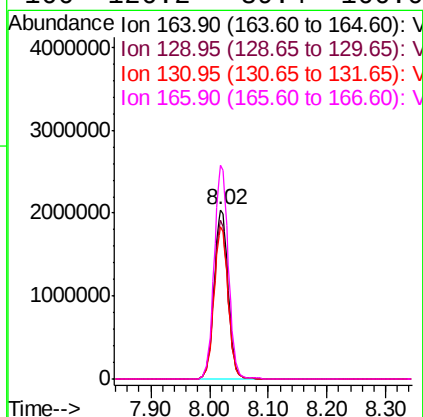
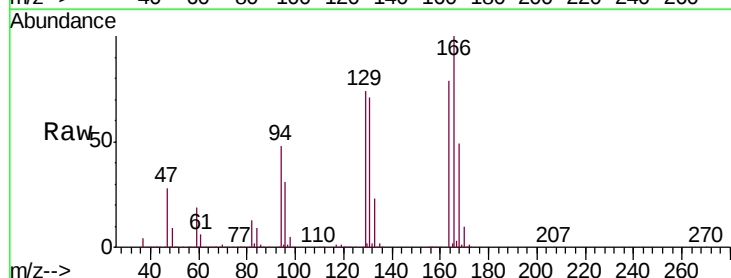
Instrument :
 MSVOA_V
 ClientSampleId :
 GANM1

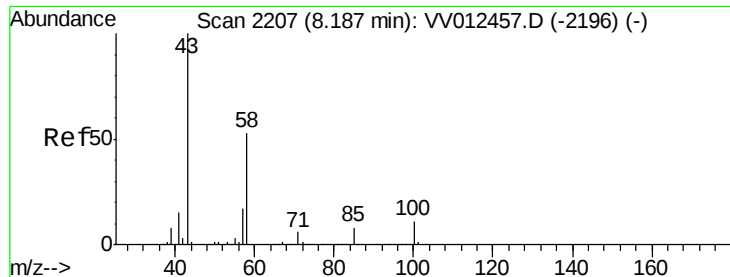
Tgt Ion: 97 Resp: 29016
 Ion Ratio Lower Upper
 97 100
 99 18.0 43.3 80.3#
 83 288.6 61.2 113.6#
 85 39.7 40.0 74.4#



#47
 Tetrachloroethene
 Concen: 181.863 ug/L
 RT: 8.02 min Scan# 2155
 Delta R.T. 0.00 min
 Lab File: VV012469.D
 Acq: 30 Aug 2019 21:48

Tgt Ion: 164 Resp: 3388013
 Ion Ratio Lower Upper
 164 100
 129 93.5 65.6 121.8
 131 89.6 63.3 117.5
 166 126.2 89.4 166.0

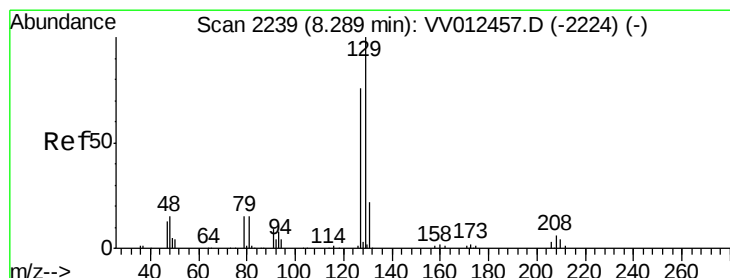
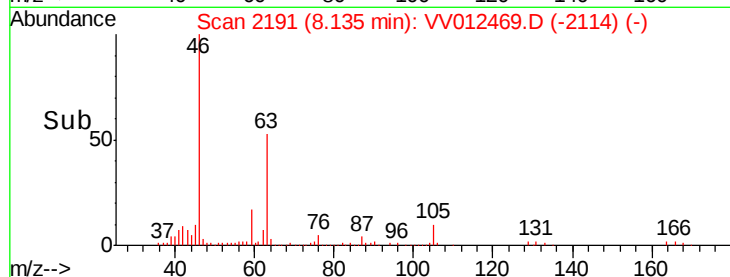
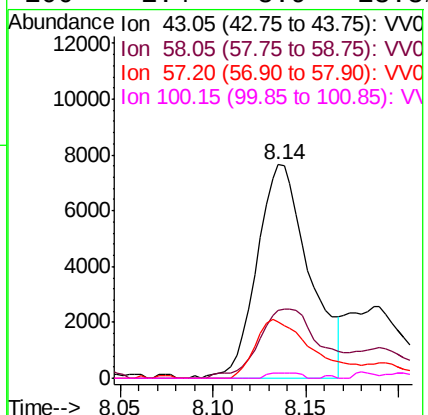
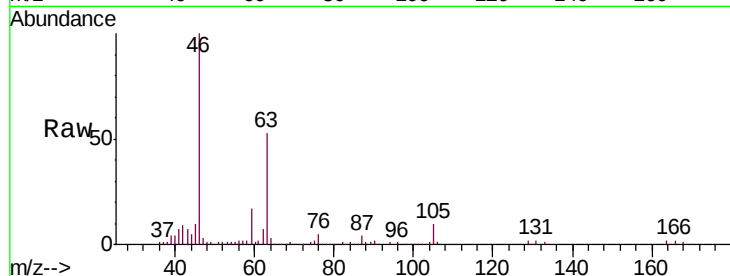




#48
2-Hexanone
Concen: 1.633 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Instrument :
MSVOA_V
ClientSampleId :
GANM1

Tgt Ion: 43 Resp: 15011
Ion Ratio Lower Upper
43 100
58 37.4 43.6 65.4#
57 30.7 14.2 21.2#
100 1.4 8.9 13.3#



#49
Dibromochloromethane
Concen: 167.516 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012469.D
Acq: 30 Aug 2019 21:48

Tgt Ion: 129 Resp: 3047826
Ion Ratio Lower Upper
129 100
127 0.0 53.6 99.6#

