

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111419\
 Data File : VV013618.D
 Acq On : 14 Nov 2019 11:49
 Operator : SY/MD
 Sample : K5815-02MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 15 02:43:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 15 02:40:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	289291	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	304835	5.00	ug/L	-0.02
60) 1,4-Dichlorobenzene-d4	11.29	152	123454	5.00	ug/L	0.00

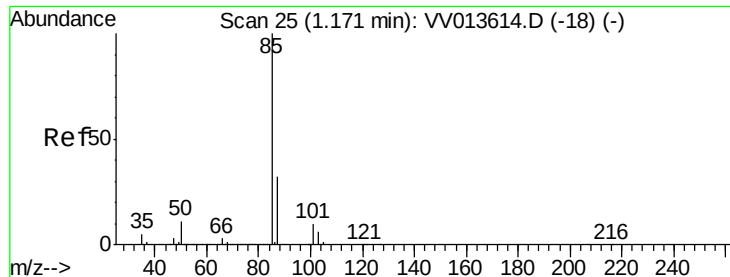
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104862	5.64	ug/L	-0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	112.80%
7) Chloroethane-d5	1.58	69	86443	5.84	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	187574	5.90	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.00%
20) 2-Butanone-d5	3.96	46	258819	77.78	ug/L	-0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	155.56%#
24) Chloroform-d	4.39	84	216409	6.79	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.80%#
26) 1,2-Dichloroethane-d4	5.08	65	112379	7.23	ug/L	-0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	144.60%#
32) Benzene-d6	5.09	84	395903	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	6.11	67	127056	5.04	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	310616	4.17	ug/L	-0.04
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.66	79	47234	5.04	ug/L	-0.04
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.14	63	183181	48.98	ug/L	-0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89829	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	129971	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.23	85	3499	0.130	ug/L	92
12) 1,1-Dichloroethene	2.14	96	107096	6.369	ug/L	87
17) Methyl tert-butyl Ether	2.81	73	23342	0.593	ug/L	94
33) Benzene	5.14	78	499178	5.605	ug/L	100
34) Trichloroethene	5.96	95	120766	4.831	ug/L	94
35) Methylcyclohexane	6.11	83	33062	0.910	ug/L #	17
39) cis-1,3-Dichloropropene	7.03	75	3235	0.102	ug/L	88
42) Toluene	7.43	91	483043	4.994	ug/L	99
48) 2-Hexanone	8.18	43	19558	2.162	ug/L #	89
51) Chlorobenzene	8.92	112	341387	5.386	ug/L	99
69) Naphthalene	13.56	128	3556	0.113	ug/L #	91

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



#2

Dichlorodifluoromethane

Concen: 0.130 ug/L

RT: 1.23 min Scan# 43

Delta R.T. 0.06 min

Lab File: VV013618.D

Acq: 14 Nov 2019 11:49

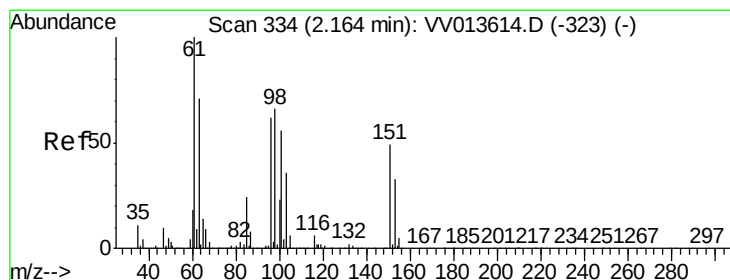
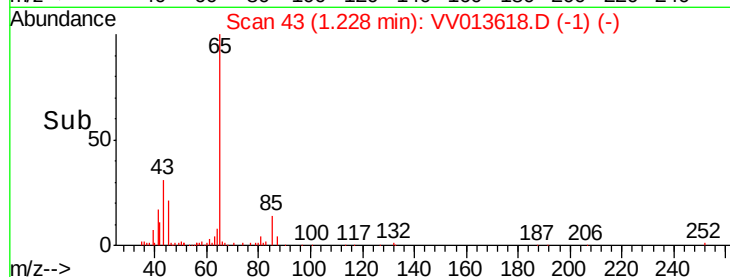
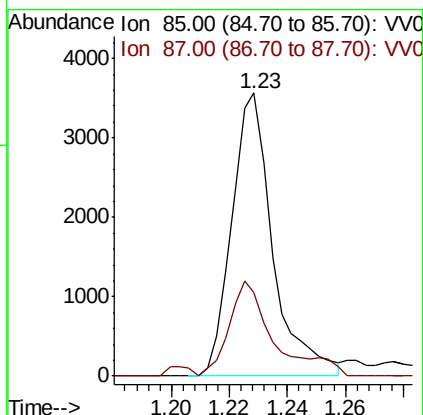
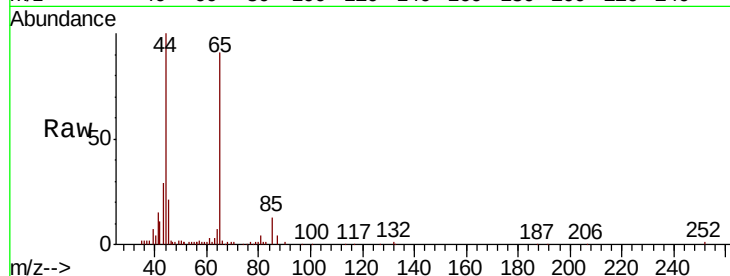
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 85 Resp: 3499

Ion Ratio Lower Upper

85 100

87 36.5 25.5 38.3



#12

1,1-Dichloroethene

Concen: 6.369 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.03 min

Lab File: VV013618.D

Acq: 14 Nov 2019 11:49

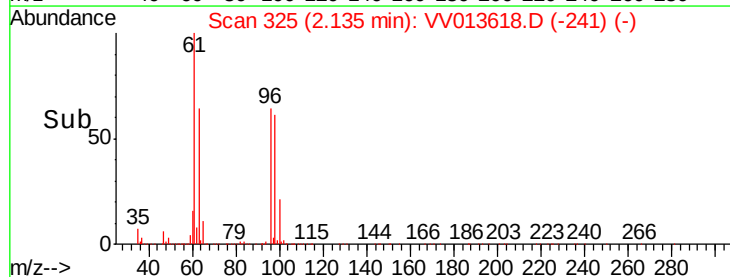
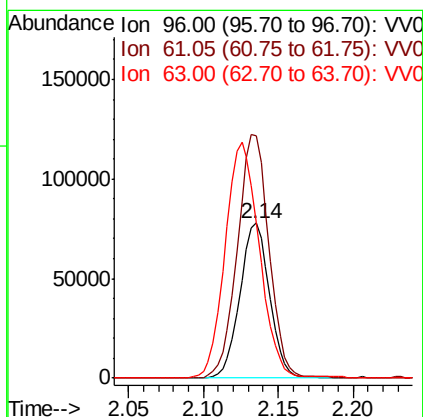
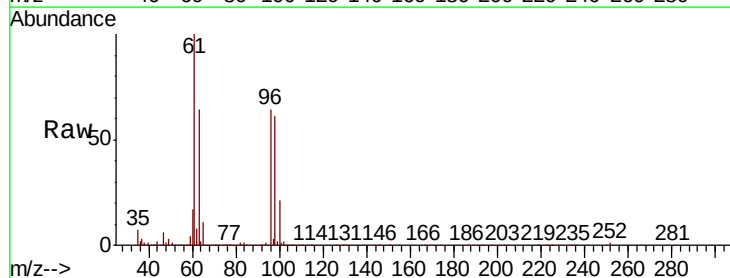
Tgt Ion: 96 Resp: 107096

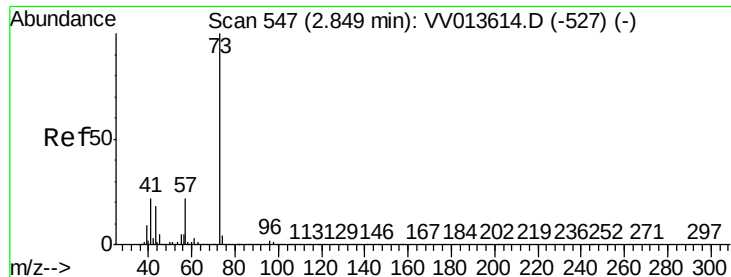
Ion Ratio Lower Upper

96 100

61 156.6 115.6 214.6

63 99.8 87.2 162.0

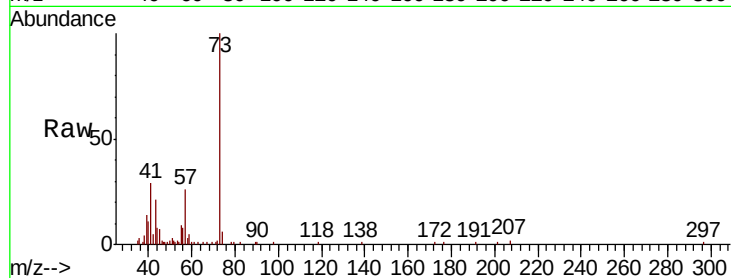




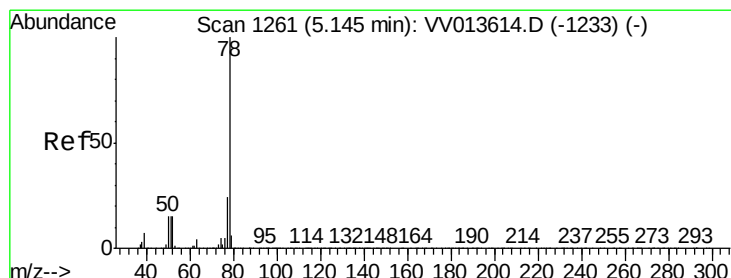
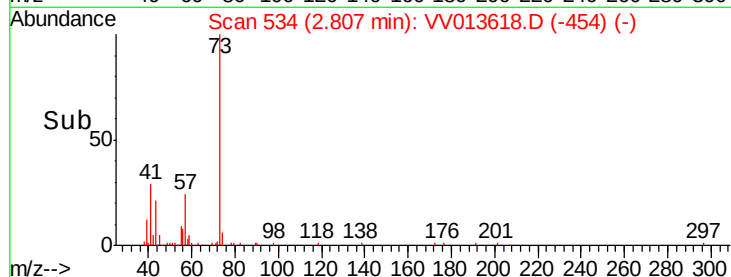
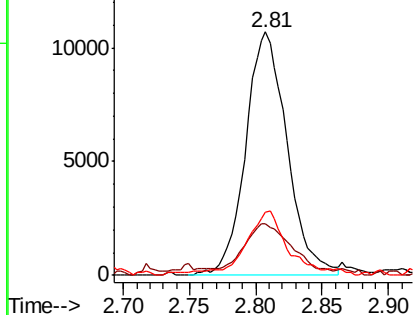
#17
Methvl tert-butyl Ether
Concen: 0.593 ug/L
RT: 2.81 min Scan# 534
Delta R.T. -0.04 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49

Instrument :
MSVOA_V
ClientSampleId :

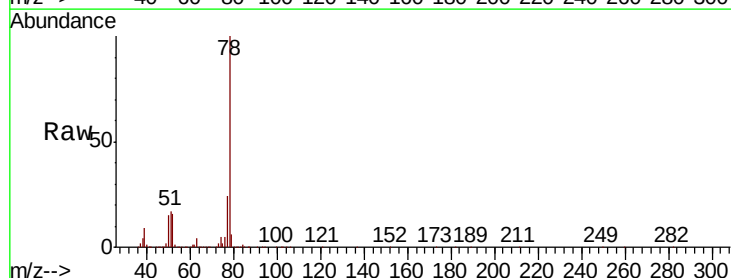
Tot Ion: 73 Resp: 23342
Ion Ratio Lower Upper
73 100
43 22.2 14.8 22.2
57 22.6 16.3 24.5



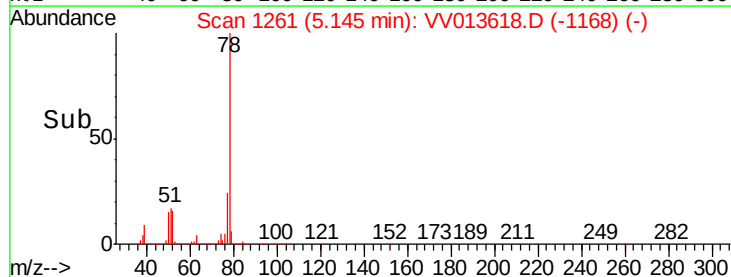
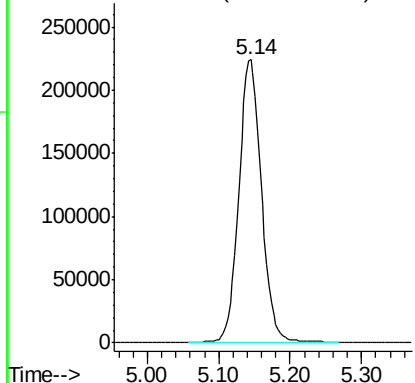
Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

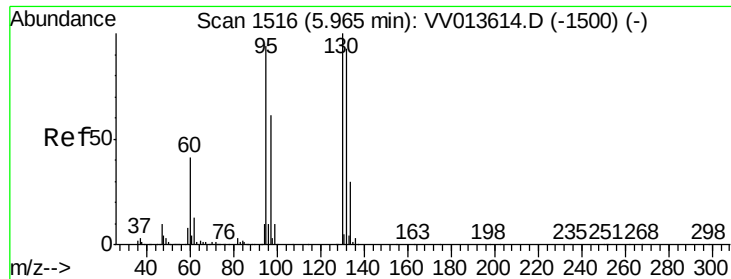


#33
Benzene
Concen: 5.605 ug/L
RT: 5.14 min Scan# 1261
Delta R.T. -0.00 min
Lab File: VV013618.D
Acq: 14 Nov 2019 11:49
Tgt Ion: 78 Resp: 499178



Abundance Ion 78.10 (77.80 to 78.80): VV0

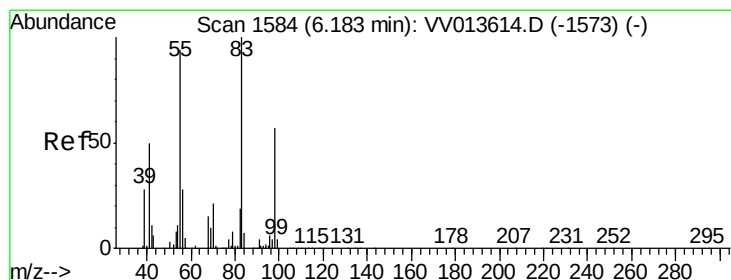
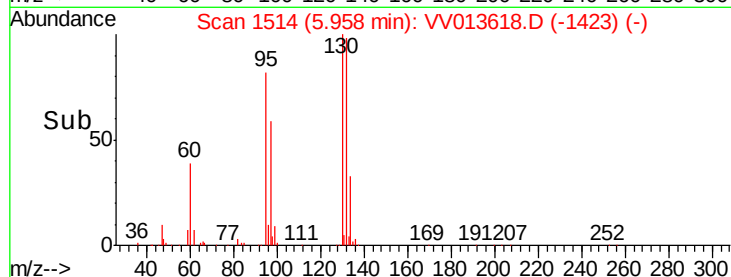
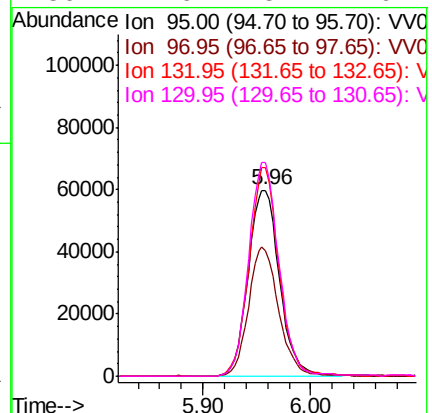
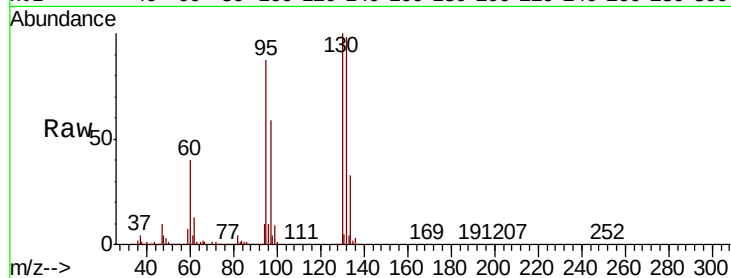




#34
 Trichloroethene
 Concen: 4.831 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. -0.01 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

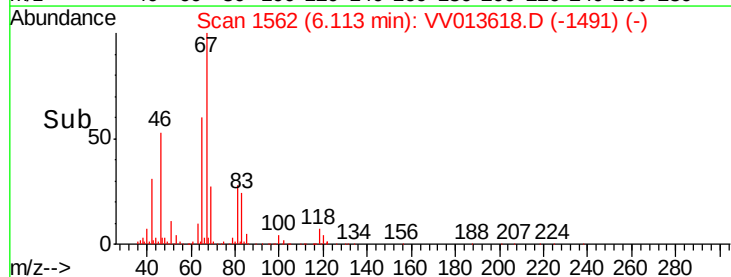
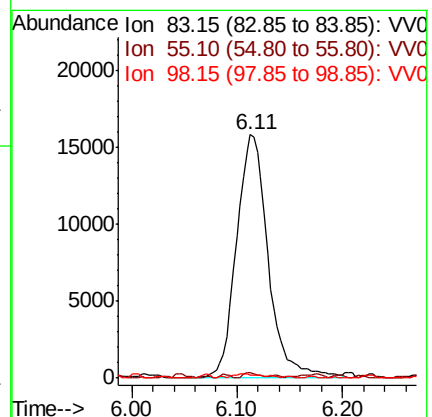
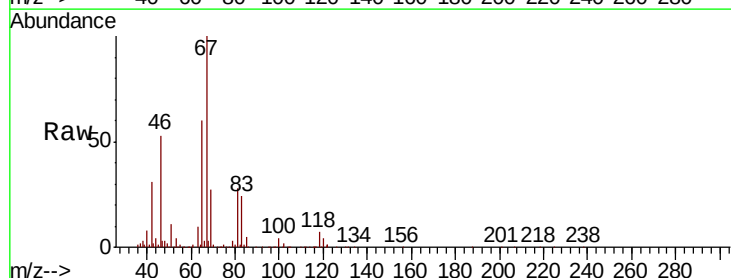
Instrument :
 MSVOA_V
 ClientSampled :

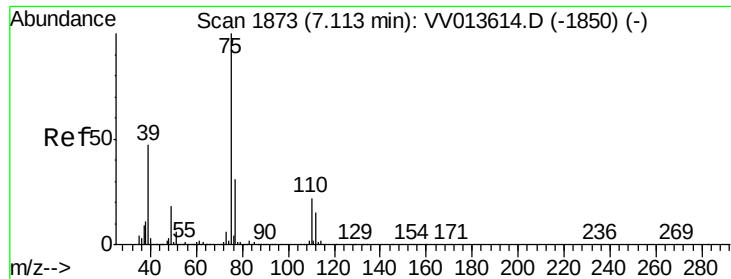
Tot Ion:	95	Resp:	120766
Ion	Ratio	Lower	Upper
95	100		
97	67.6	47.0	87.4
132	112.4	72.2	134.0
130	114.6	75.7	140.7



#35
 Methylcyclohexane
 Concen: 0.910 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.07 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Tgt Ion:	83	Resp:	33062
Ion	Ratio	Lower	Upper
83	100		
55	1.1	67.0	100.4#
98	1.3	38.5	57.7#

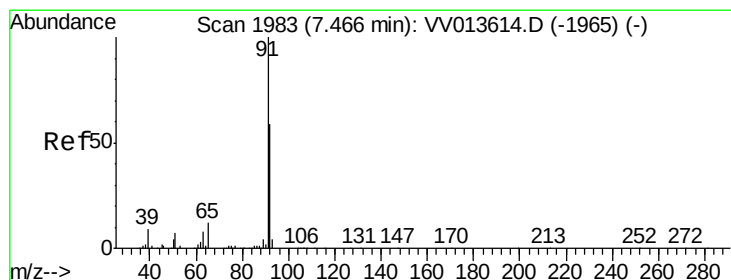
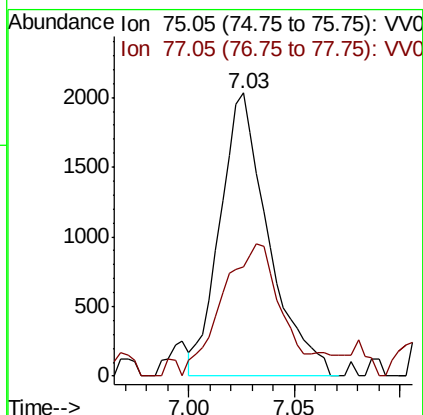
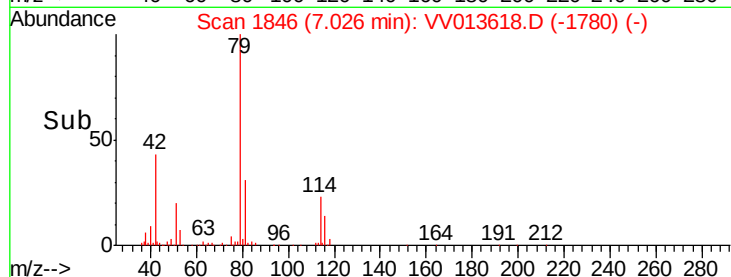
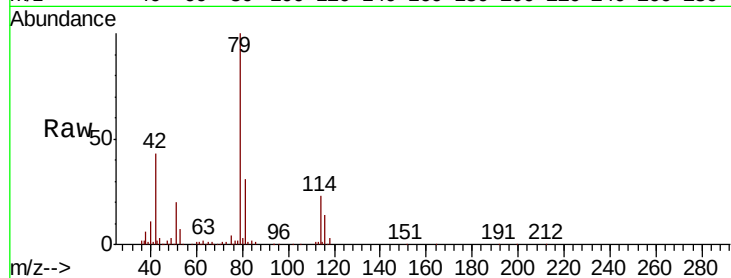




#39
 cis-1,3-Dichloropropene
 Concen: 0.102 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.09 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

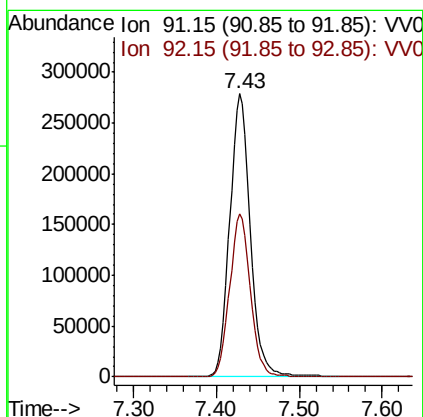
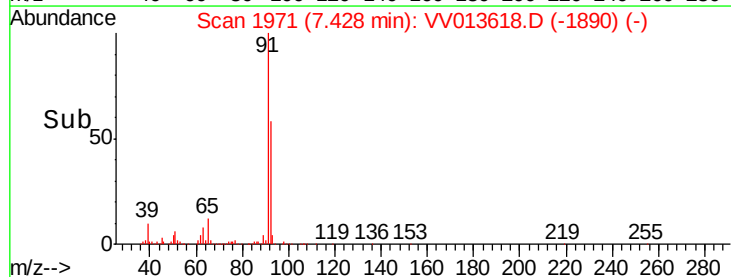
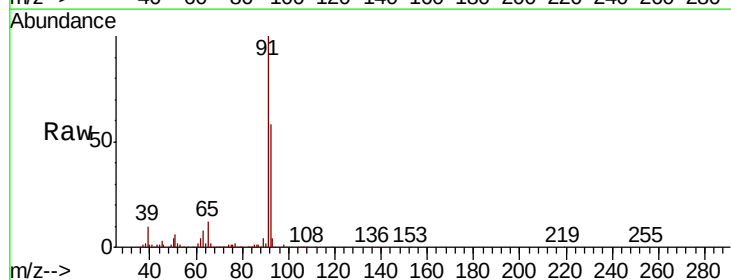
Instrument :
 MSVOA_V
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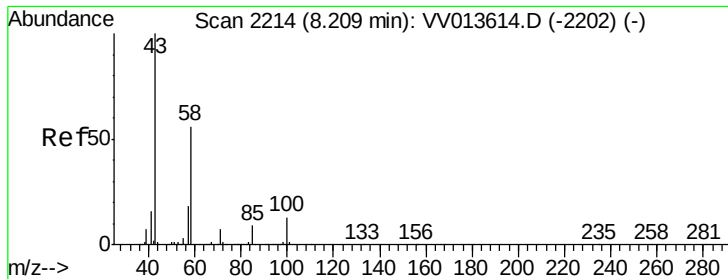
Tot Ion: 75 Resp: 3235
 Ion Ratio Lower Upper
 75 100
 77 38.7 22.3 41.3



#42
 Toluene
 Concen: 4.994 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.04 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Tgt Ion: 91 Resp: 483043
 Ion Ratio Lower Upper
 91 100
 92 57.6 40.7 75.7

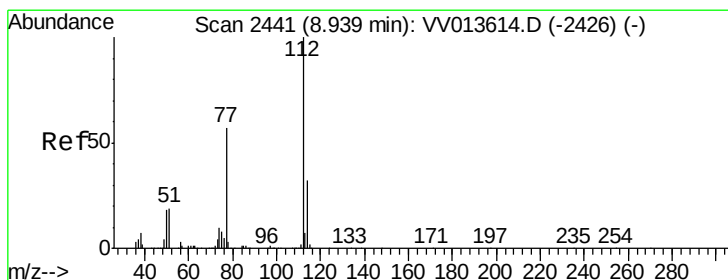
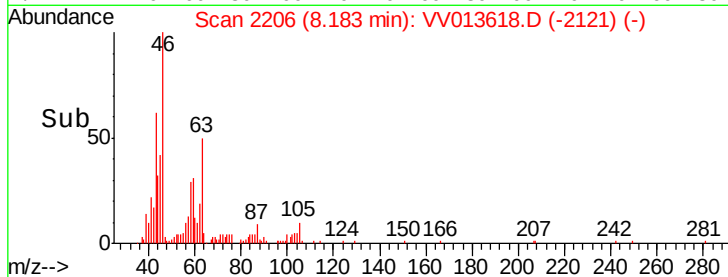
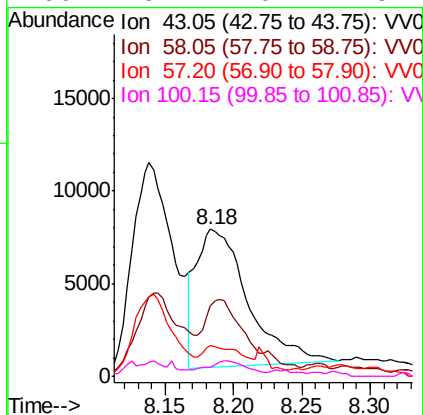
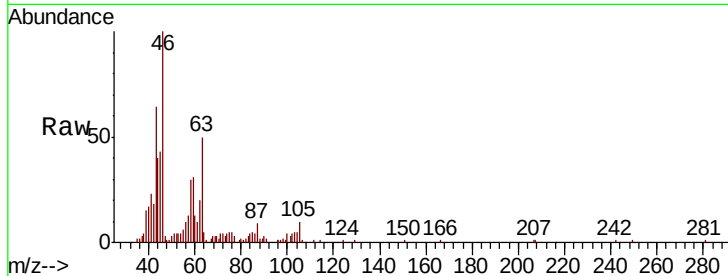




#48
 2-Hexanone
 Concen: 2.162 ug/L
 RT: 8.18 min Scan# 2206
 Delta R.T. -0.03 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

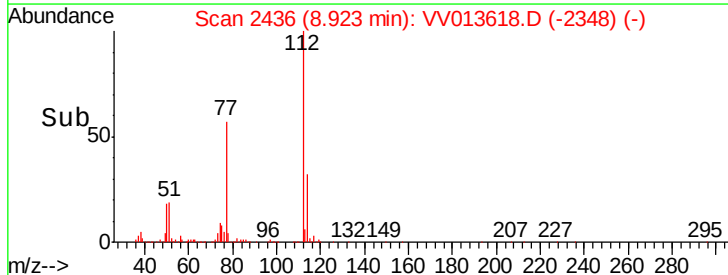
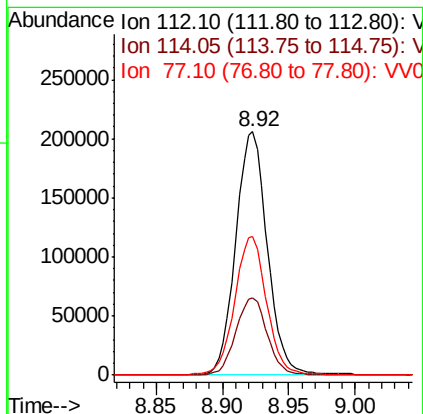
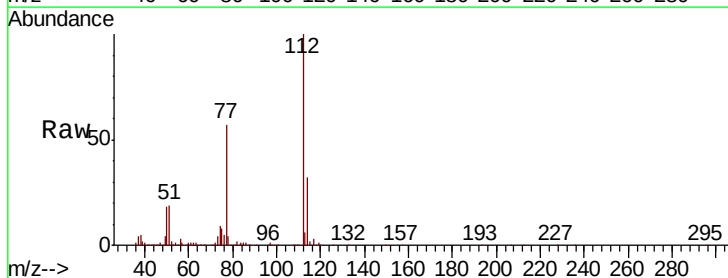
Instrument :
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 ClientSampleId :

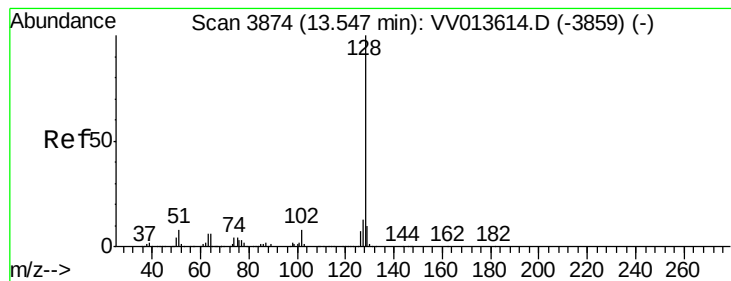
Tot Ion: 43 Resp: 19558
 Ion Ratio Lower Upper
 43 100
 58 48.2 45.1 67.7
 57 16.4 14.6 21.8
 100 5.7 10.2 15.2#



#51
 Chlorobenzene
 Concen: 5.386 ug/L
 RT: 8.92 min Scan# 2436
 Delta R.T. -0.02 min
 Lab File: VV013618.D
 Acq: 14 Nov 2019 11:49

Tgt Ion: 112 Resp: 341387
 Ion Ratio Lower Upper
 112 100
 114 32.0 22.3 41.5
 77 56.8 46.0 69.0





#69

Naphthalene

Concen: 0.113 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

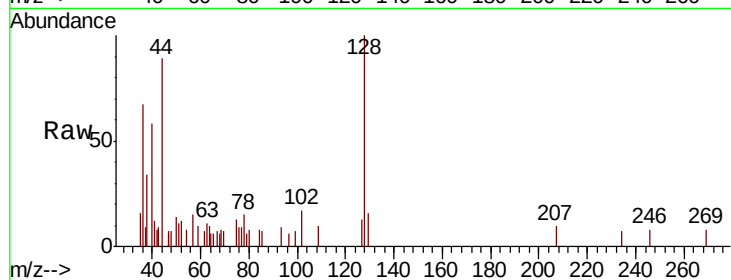
Lab File: VV013618.D

Acq: 14 Nov 2019 11:49

Instrument :

MSVOA_V

ClientSampleId :



Tot Ion:	128	Resp:	3556
Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.2	12.4
127	8.0	11.2	16.8

