

Data File : VV013668.D
 Acq On : 18 Nov 2019 19:48
 Operator : SY/MD
 Sample : K5910-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQH9

Quant Time: Nov 19 04:30:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 19 04:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333666	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	337615	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	150323	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92729	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	89328	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	128096	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	272499	57.17	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.34%
24) Chloroform-d	4.40	84	214292	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	5.08	65	112865	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.10	84	417714	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	132056	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	342932	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloropropene-	7.66	79	47086	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.13	63	197404	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	98833	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	148664	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

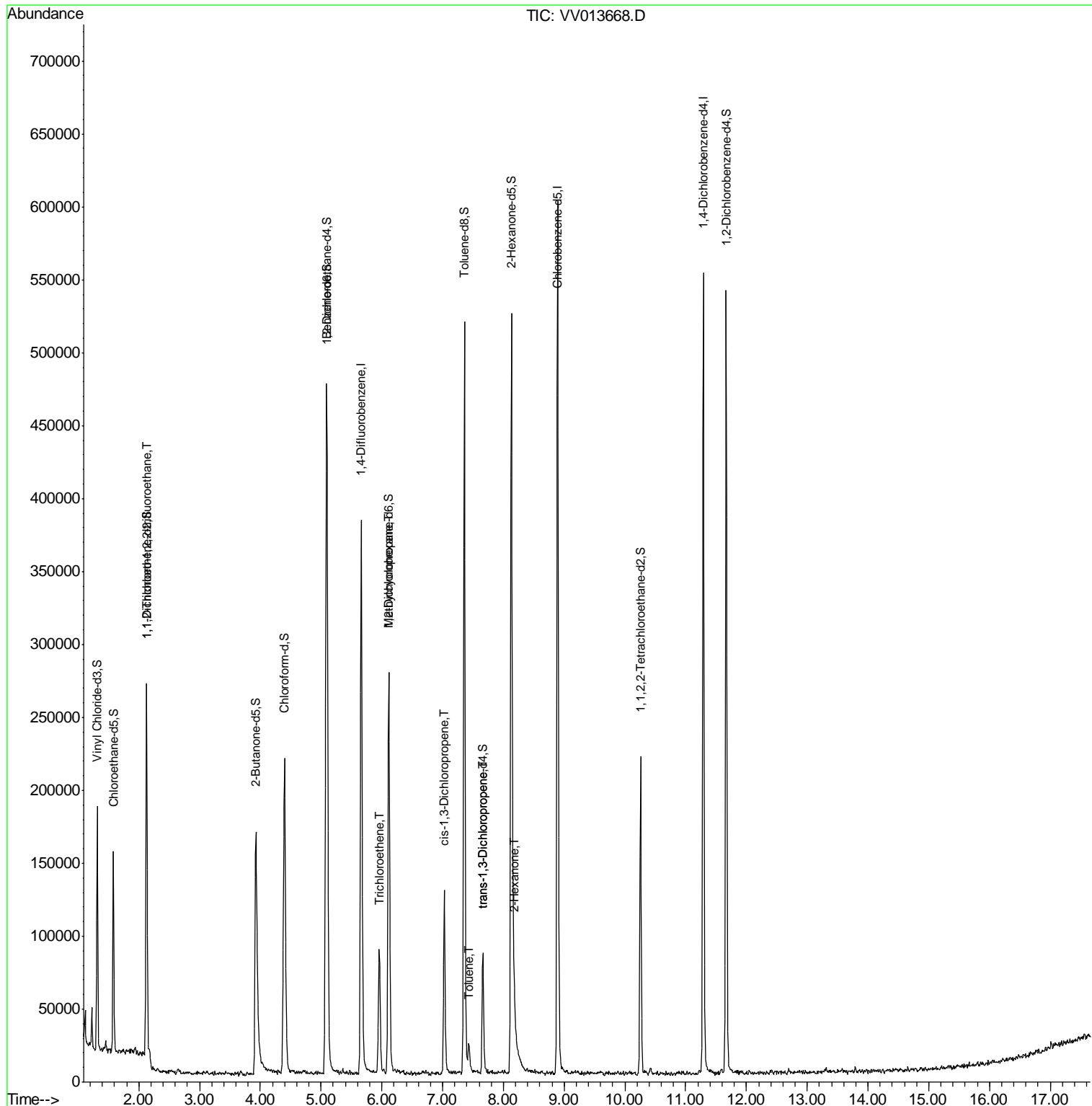
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1570	0.076	ug/L #	17
34) Trichloroethene	5.96	95	28629	1.047	ug/L	94
35) Methylcyclohexane	6.11	83	31589	0.757	ug/L #	18
39) cis-1,3-Dichloropropene	7.03	75	3606	0.103	ug/L #	68
42) Toluene	7.43	91	12820	0.117	ug/L	99
44) trans-1,3-Dichloropropene	7.66	75	2114	0.076	ug/L #	59
48) 2-Hexanone	8.18	43	12518	1.240	ug/L #	93

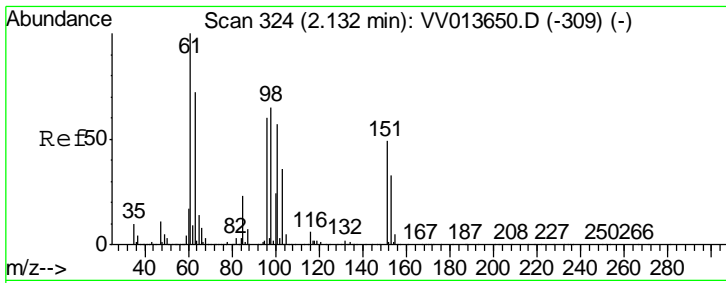
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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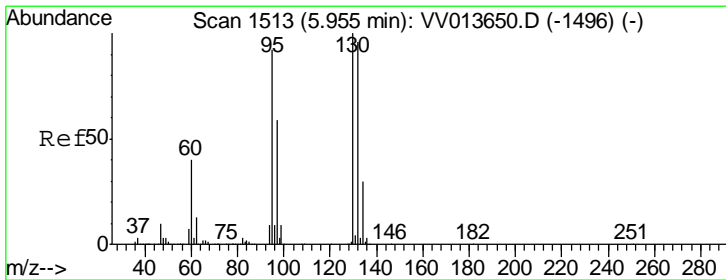
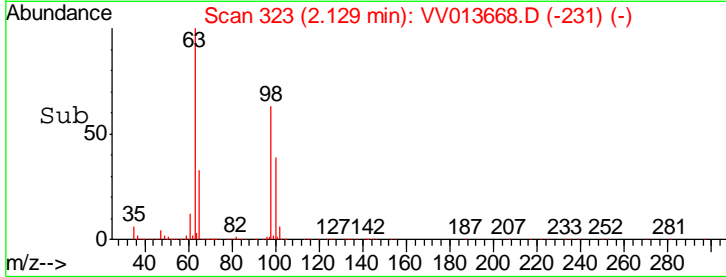
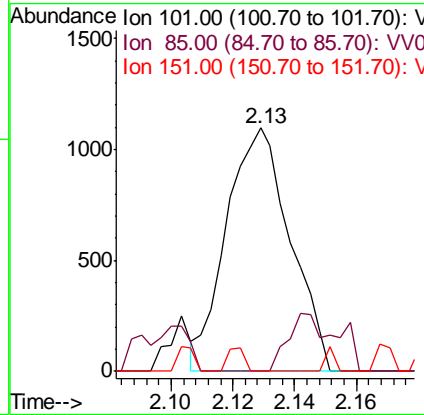
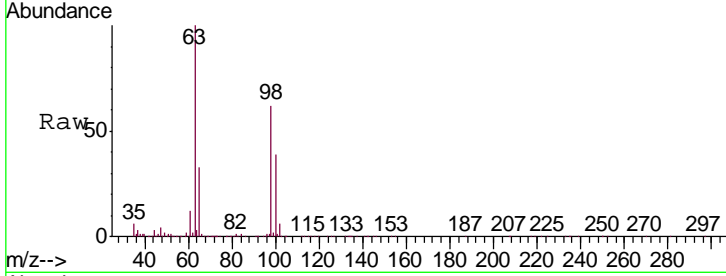




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.076 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
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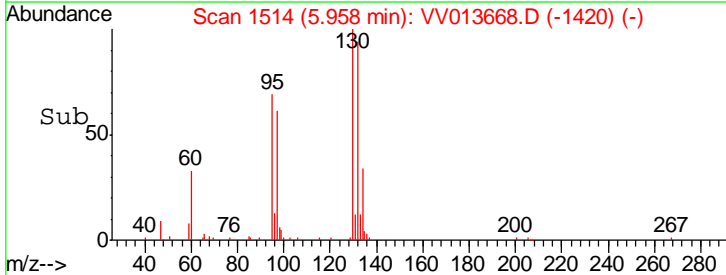
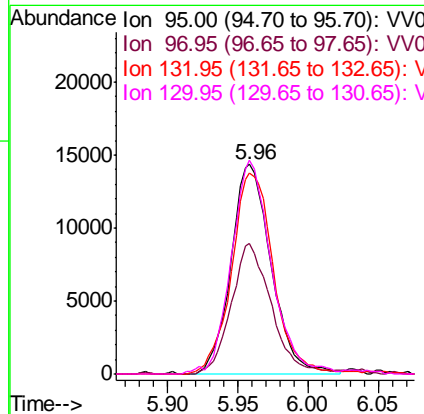
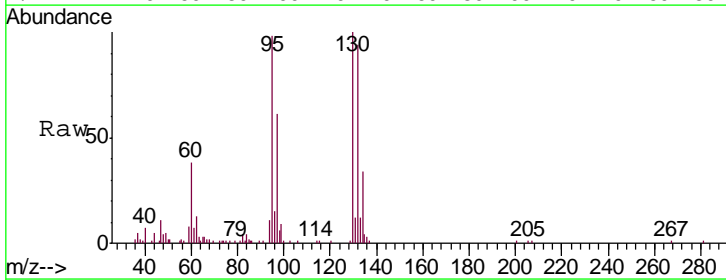
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 MSVOA_V
 ClientSampled :
 GAQH9

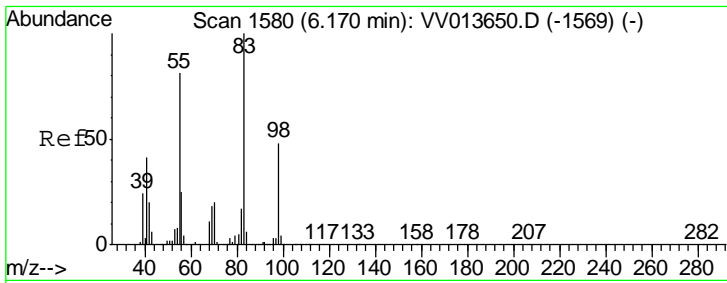
Tgt Ion	Resp	Lower	Upper
101	1570		
101	100		
85	0.0	32.0	48.0#
151	2.5	69.0	103.6#



#34
 Trichloroethene
 Concen: 1.047 ug/L
 RT: 5.96 min Scan# 1514
 Delta R.T. 0.00 min
 Lab File: VV013668.D
 Acq: 18 Nov 2019 19:48

Tgt Ion	Resp	Lower	Upper
95	28629		
95	100		
97	62.4	44.8	83.2
132	95.6	72.9	135.3
130	101.9	75.1	139.5

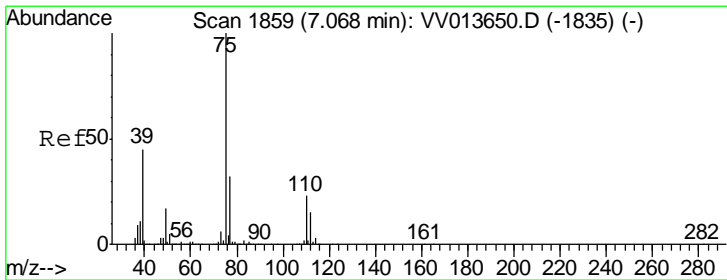
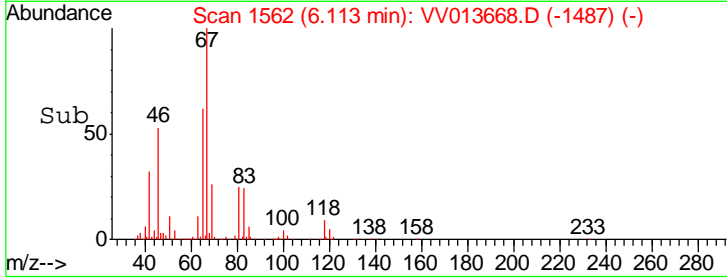
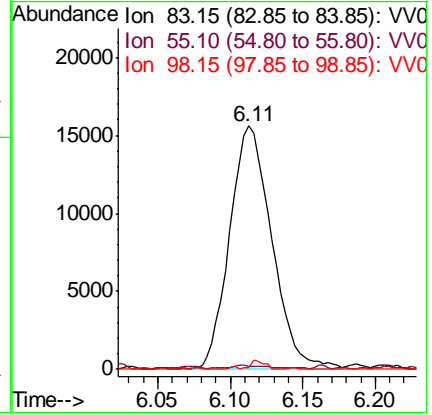
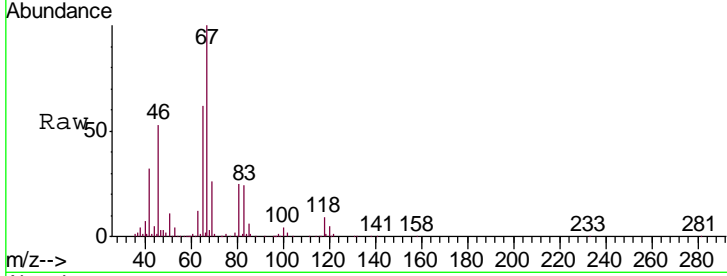




#35
 Methylcyclohexane
 Concen: 0.757 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV013668.D
 Acq: 18 Nov 2019 19:48

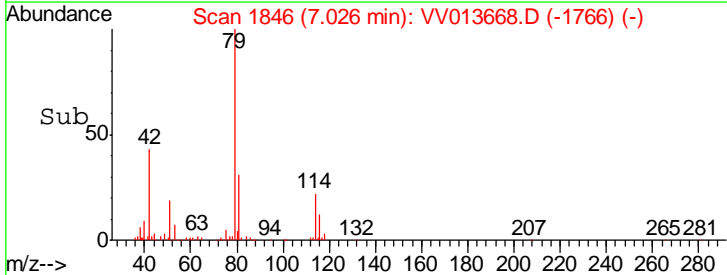
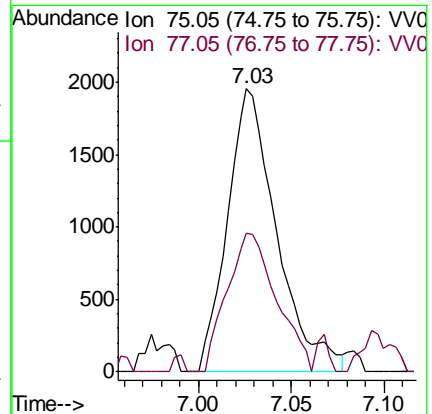
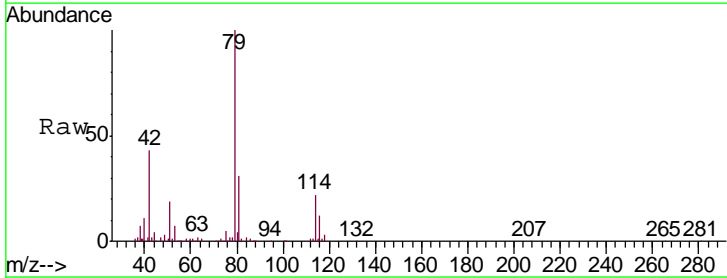
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 MSVOA_V
 ClientSampled :
 GAQH9

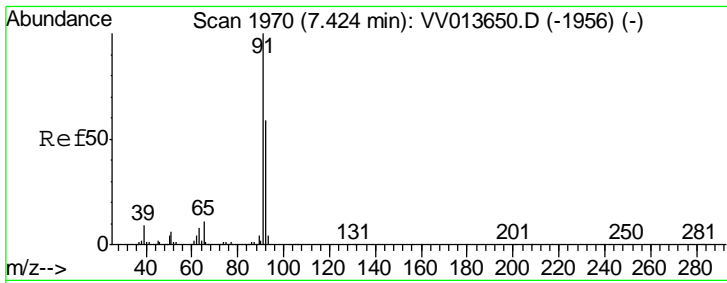
Tgt Ion	Resp	Lower	Upper
83	31589		
55	1.5	64.1	96.1#
98	1.3	38.2	57.2#



#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.03 min Scan# 1846
 Delta R.T. -0.04 min
 Lab File: VV013668.D
 Acq: 18 Nov 2019 19:48

Tgt Ion	Resp	Lower	Upper
75	3606		
77	49.1	22.0	40.8#

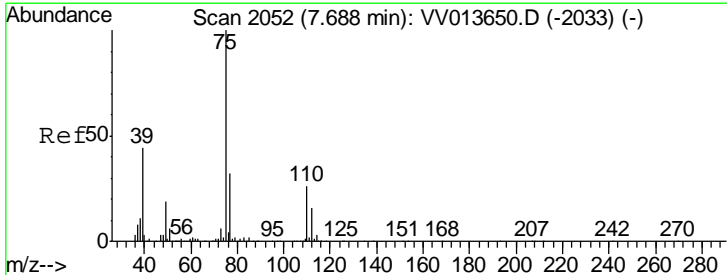
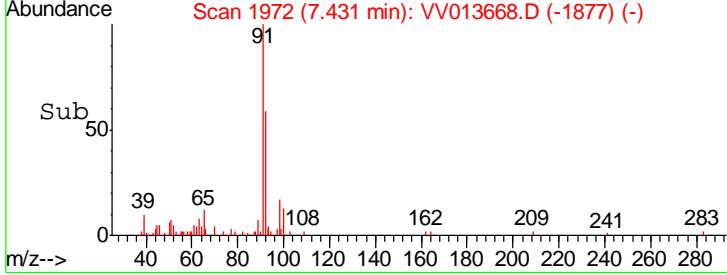
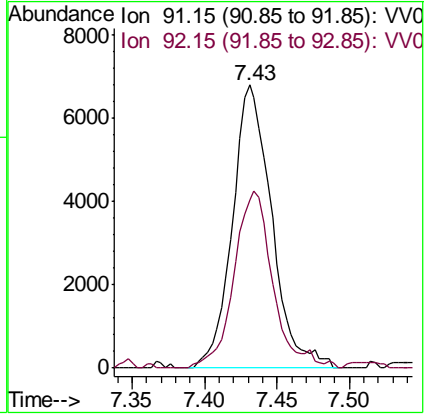
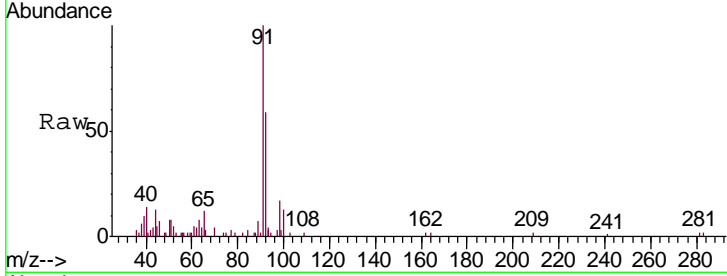




#42
 Toluene
 Concen: 0.117 ug/L
 RT: 7.43 min Scan# 1972
 Delta R.T. 0.01 min
 Lab File: VV013668.D
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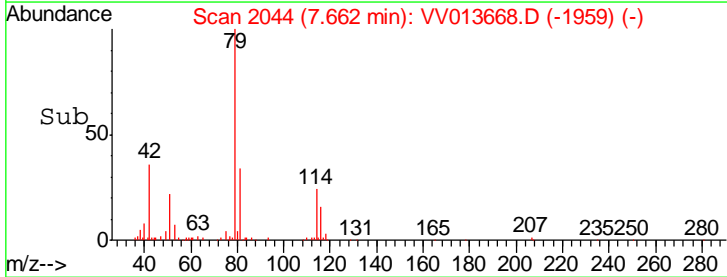
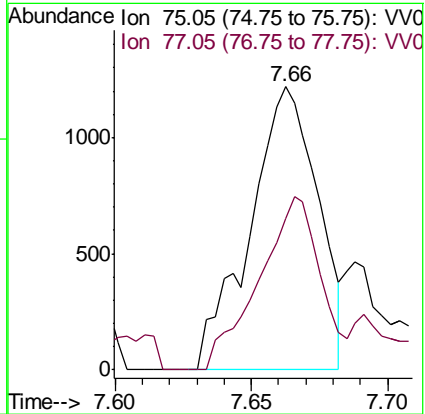
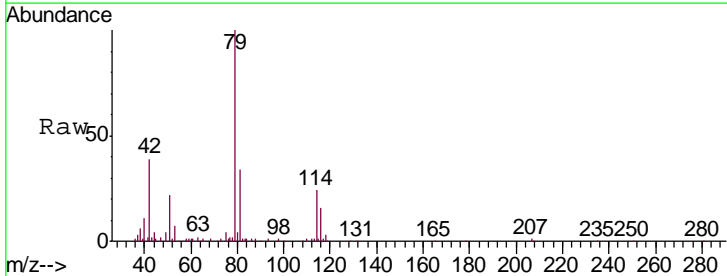
Instrument : MSVOA_V
 ClientSampled : GAQH9

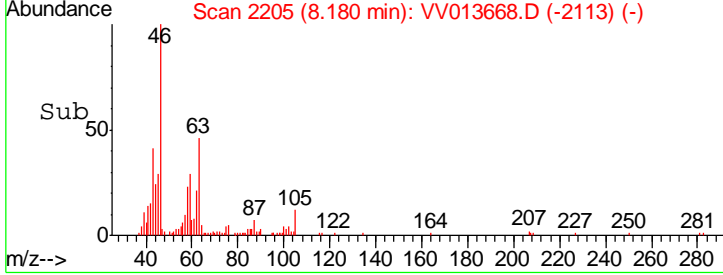
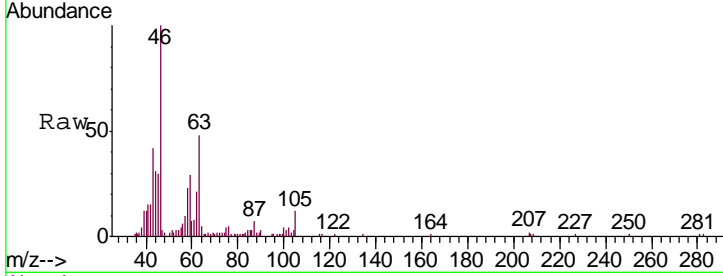
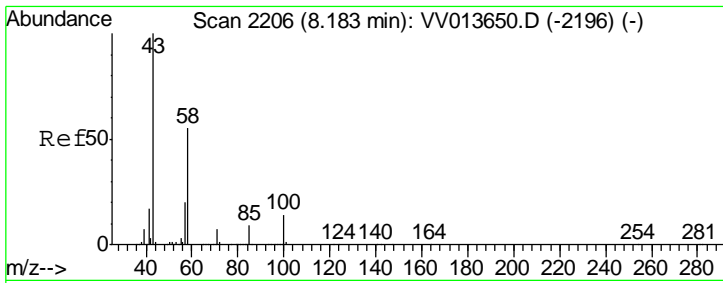
Tgt Ion	Resp	Lower	Upper
91	12820		
92	59.3	41.2	76.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.076 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV013668.D
 Acq: 18 Nov 2019 19:48

Tgt Ion	Resp	Lower	Upper
75	2114		
77	53.6	21.6	40.2#





#48
 2-Hexanone
 Concen: 1.240 ug/L
 RT: 8.18 min Scan# 2205
 Delta R.T. -0.00 min
 Lab File: VV013668.D
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Instrument : MSVOA_V
 ClientSampled : GAQH9

Tgt Ion: 43 Resp: 12518

Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.0	64.6
57	14.1	15.4	23.2#
100	4.2	10.1	15.1#

