

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013419.D
 Acq On : 30 Oct 2019 01:29
 Operator : SY/MD
 Sample : K5597-20
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE9

Quant Time: Oct 30 04:52:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 30 02:50:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	349342	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	374322	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	194676	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	149416	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.58	69	121176	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.00%
11) 1,1-Dichloroethene-d2	2.13	63	195817	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.94	46	392033	51.87	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.74%
24) Chloroform-d	4.40	84	307195	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
26) 1,2-Dichloroethane-d4	5.08	65	164614	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.10	84	631539	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	196246	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.36	98	527978	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.66	79	65515	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	8.13	63	229457	47.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	129438	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	201836	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

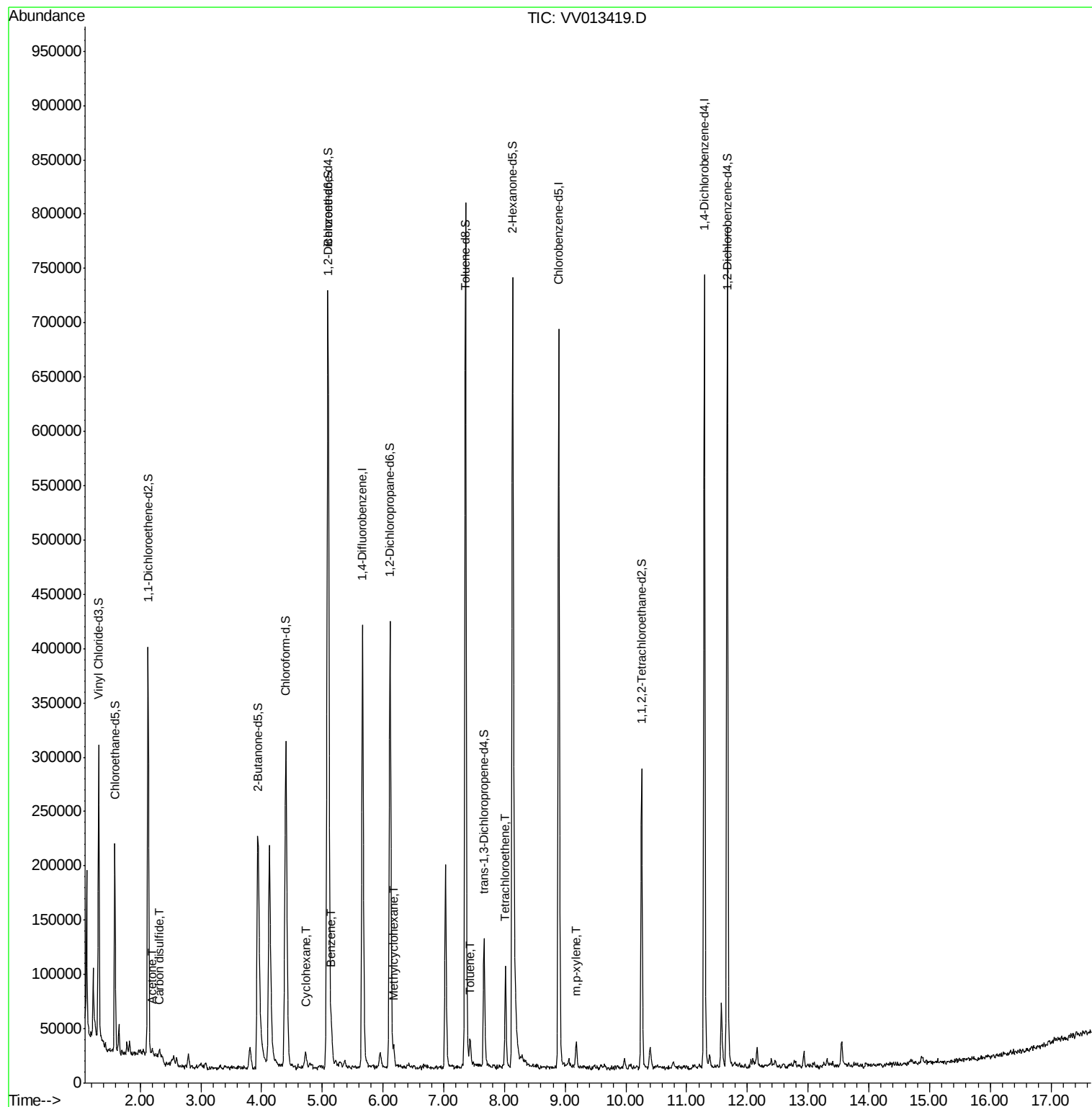
					Ovalue
13) Acetone	2.20	43	8620	2.334 ug/L	84
14) Carbon disulfide	2.32	76	6391	0.079 ug/L #	86
30) Cyclohexane	4.73	56	6837	0.117 ug/L #	89
33) Benzene	5.15	78	31963	0.229 ug/L	100
35) Methylcyclohexane	6.17	83	5247	0.092 ug/L #	79
42) Toluene	7.43	91	17369	0.119 ug/L	95
47) Tetrachloroethene	8.02	164	21888	0.673 ug/L	92
53) m,p-xylene	9.18	106	7631	0.134 ug/L	88

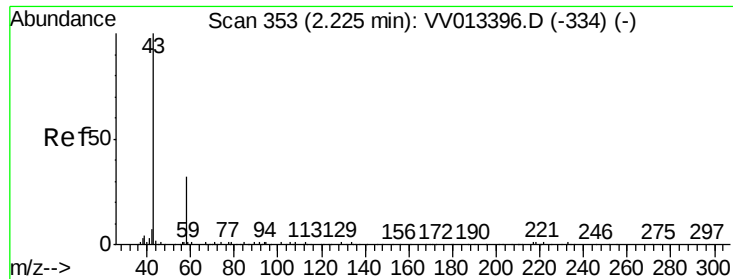
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013419.D
Acq On : 30 Oct 2019 01:29
Operator : SY/MD
Sample : K5597-20
Misc : 25.0ML/MSVOA V/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQE9

Quant Time: Oct 30 04:52:18 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.334 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

Lab File: VV013419.D

Acq: 30 Oct 2019 01:29

Instrument :

MSVOA_V

ClientSampled :

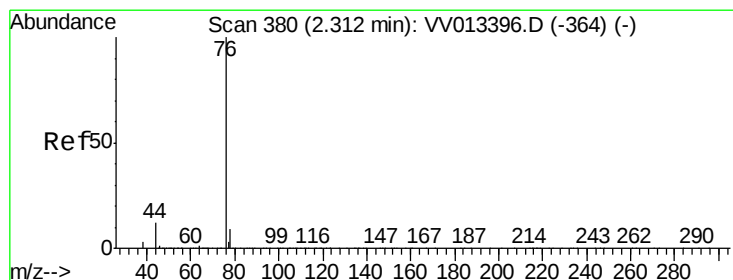
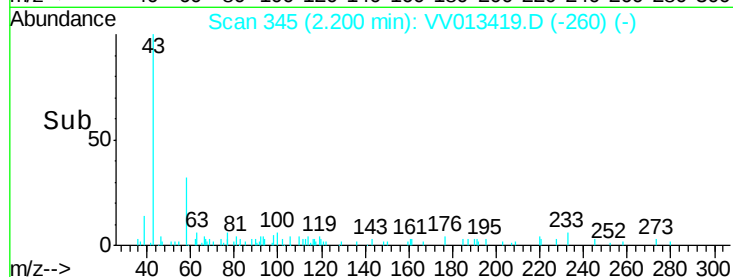
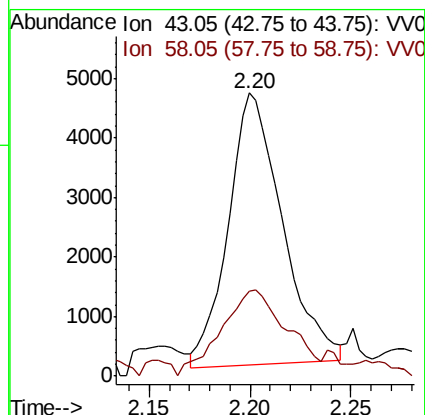
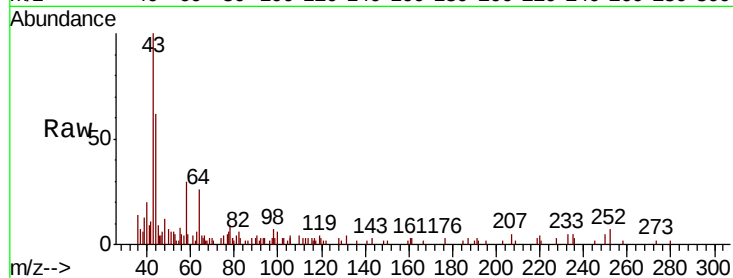
GAQE9

Tot Ion: 43 Resp: 8620

Ion Ratio Lower Upper

43 100

58 38.2 0.0 59.0



#14

Carbon disulfide

Concen: 0.079 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013419.D

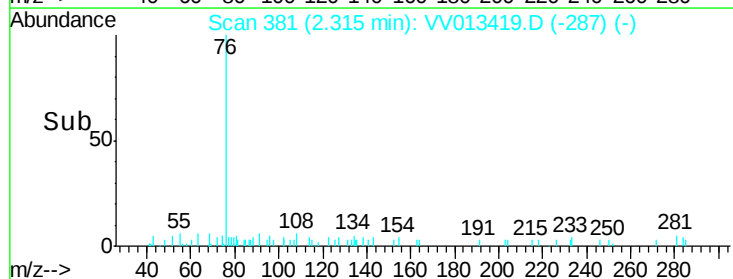
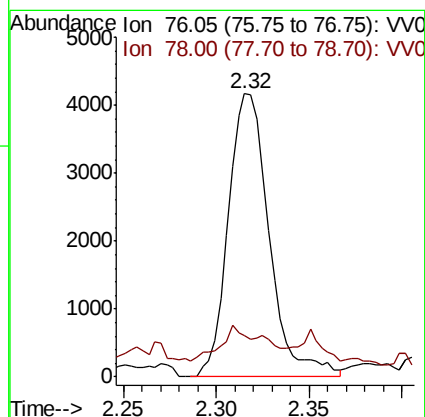
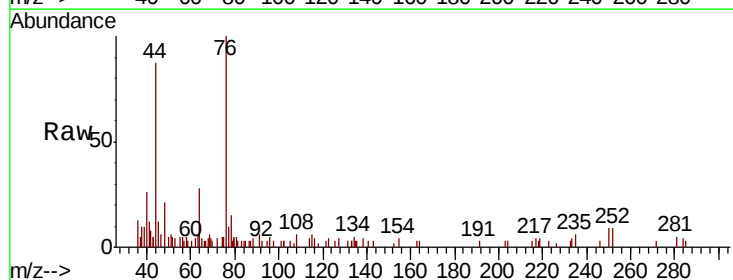
Acq: 30 Oct 2019 01:29

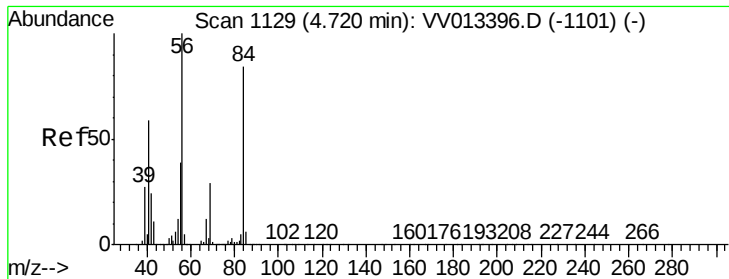
Tgt Ion: 76 Resp: 6391

Ion Ratio Lower Upper

76 100

78 14.7 7.5 11.3#

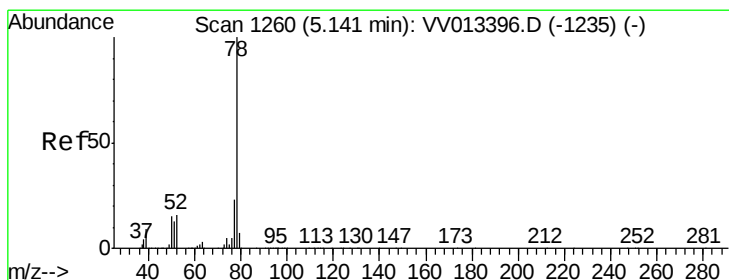
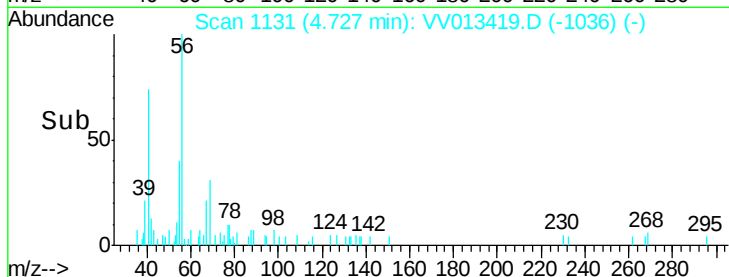
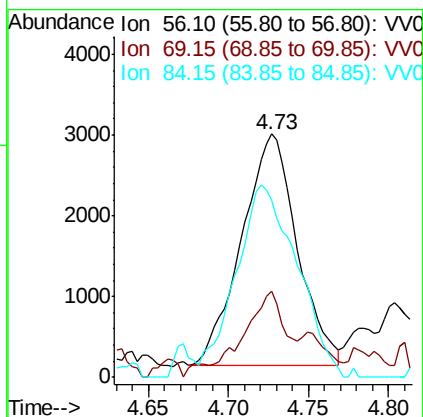
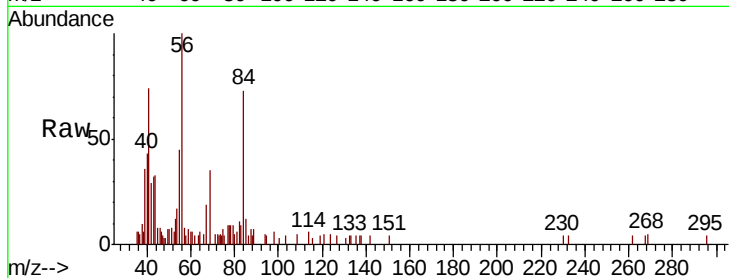




#30
Cyclohexane
Concen: 0.117 ug/L
RT: 4.73 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

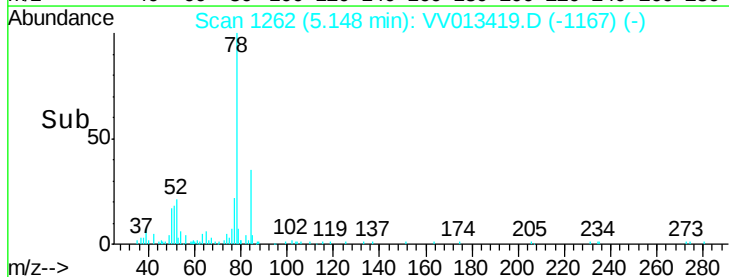
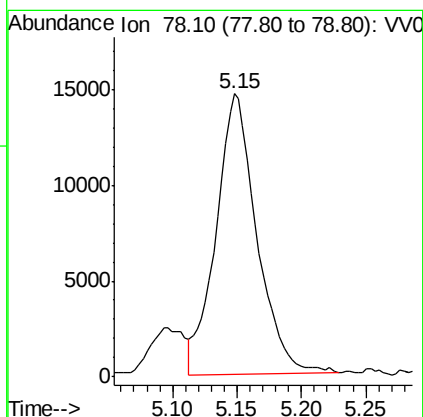
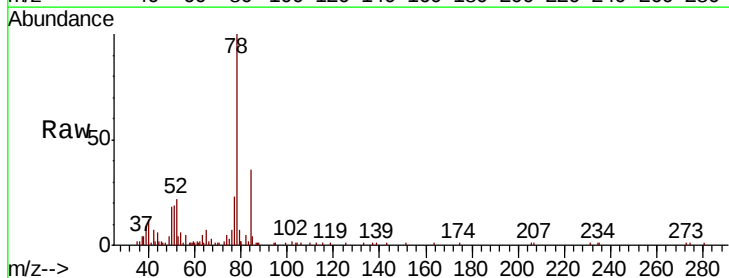
Instrument :
MSVOA_V
ClientSampleId :
GAQE9

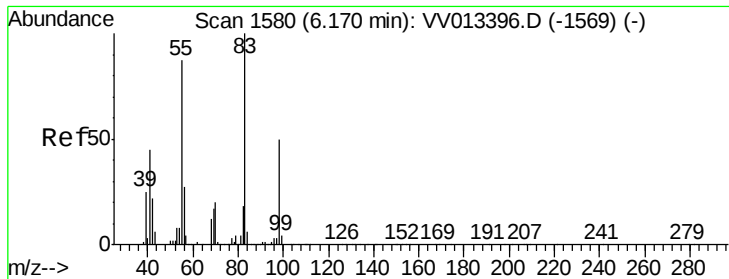
Tot Ion: 56 Resp: 6837
Ion Ratio Lower Upper
56 100
69 22.4 22.7 34.1#
84 91.5 65.5 98.3



#33
Benzene
Concen: 0.229 ug/L
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

Tgt Ion: 78 Resp: 31963

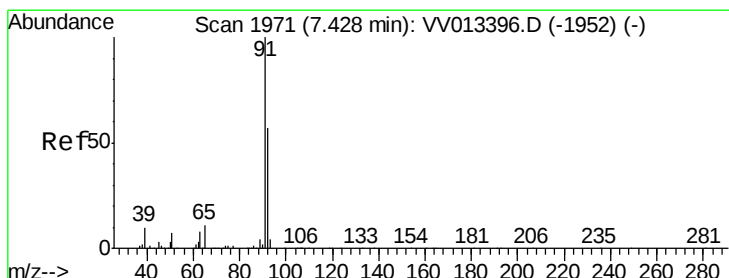
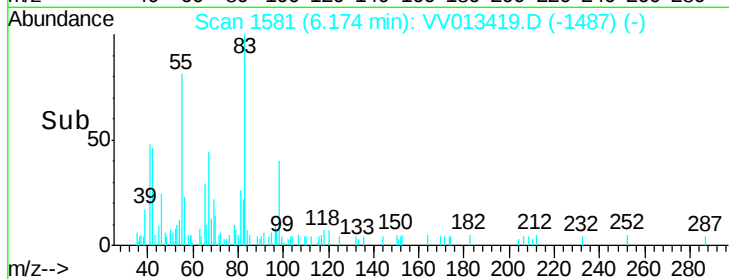
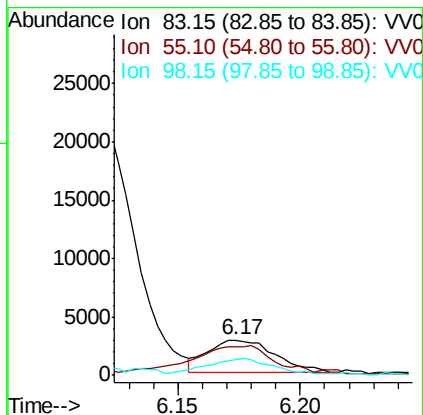
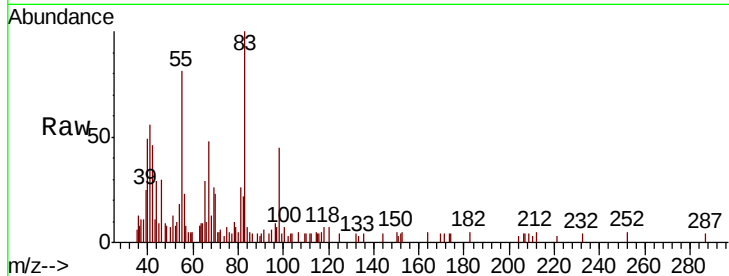




#35
Methvlcvclohexane
Concen: 0.092 ug/L
RT: 6.17 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

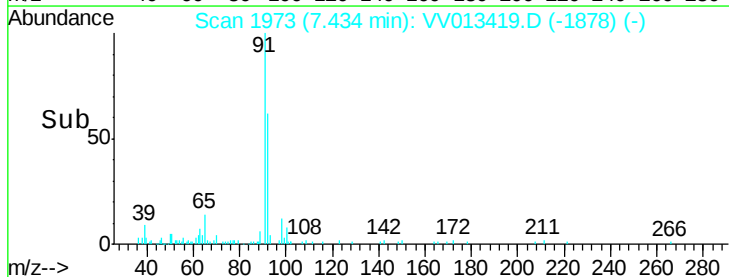
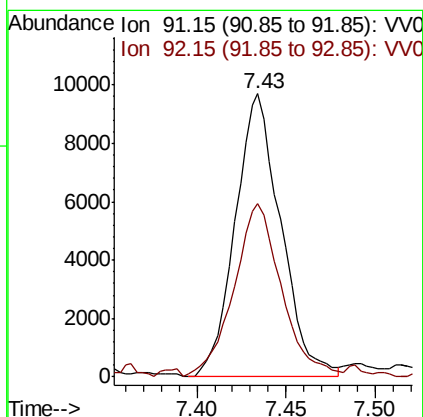
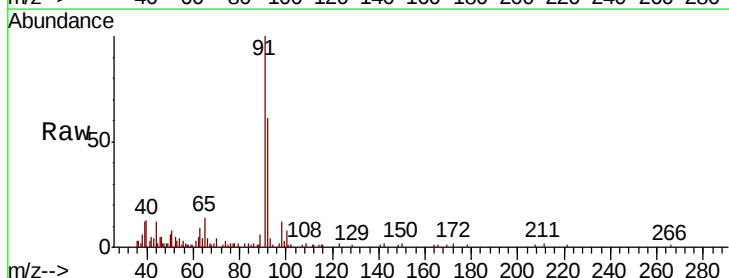
Instrument :
MSVOA_V
ClientSampled :
GAQE9

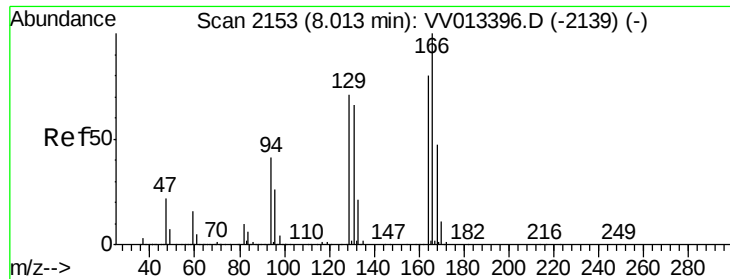
Tot Ion: 83 Resp: 5247
Ion Ratio Lower Upper
83 100
55 107.1 66.0 99.0#
98 54.4 38.2 57.4



#42
Toluene
Concen: 0.119 ug/L
RT: 7.43 min Scan# 1973
Delta R.T. 0.01 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

Tgt Ion: 91 Resp: 17369
Ion Ratio Lower Upper
91 100
92 61.1 40.3 74.8

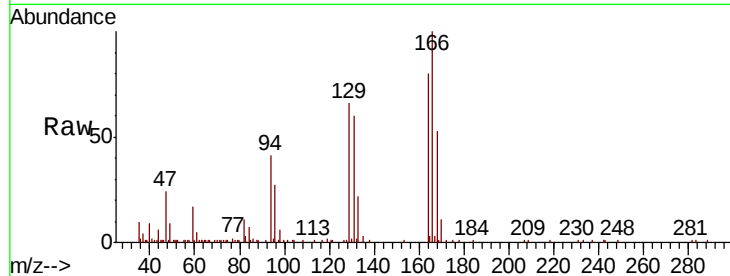




#47
Tetrachloroethene
Concen: 0.673 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

Instrument :
MSVOA_V
ClientSampleId :
GAQE9

Tot Ion	Ratio	Lower	Upper
164	100		
129	81.7	63.4	117.8
131	74.3	60.3	112.1
166	124.4	90.8	168.6

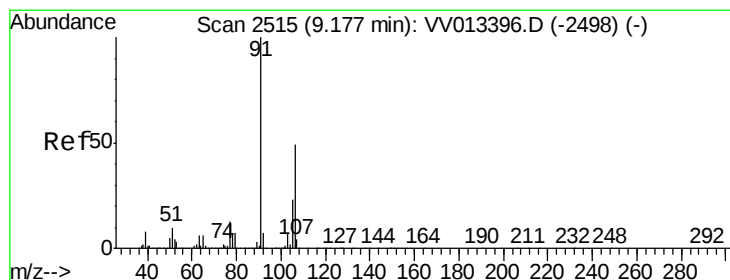
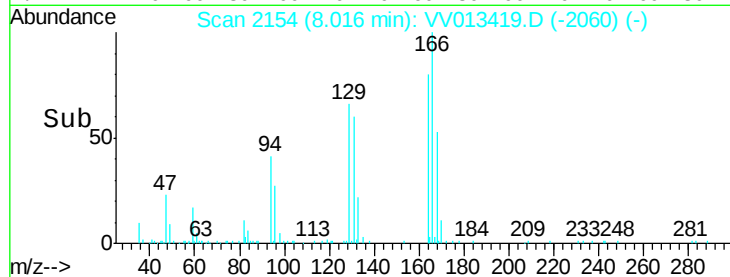
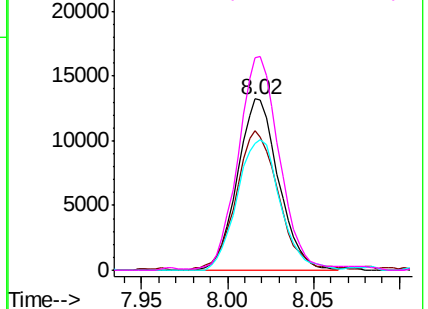


Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

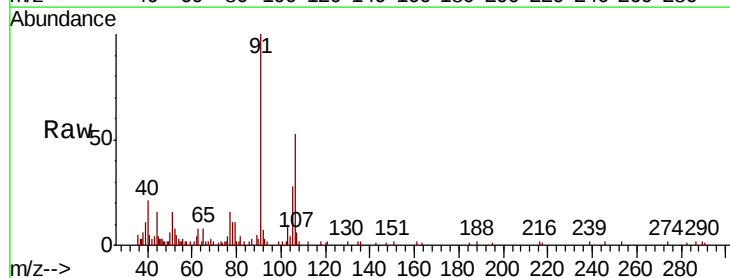
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V



#53
m,p-xylene
Concen: 0.134 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV013419.D
Acq: 30 Oct 2019 01:29

Tgt Ion	Ratio	Lower	Upper
106	100		
91	187.8	144.3	267.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

