

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102919\
 Data File : VV013411.D
 Acq On : 29 Oct 2019 22:18
 Operator : SY/MD
 Sample : K5597-12
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE1

Manual Integrations
 APPROVED

MMDadoda
 10/30/2019 9:25:14 AM

Quant Time: Oct 30 03:52:37 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	360526	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	382820	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	199383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151067	4.39	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.80%
7) Chloroethane-d5	1.58	69	131872	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	201680	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.96	46	418989	53.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.44%
24) Chloroform-d	4.40	84	317919	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.08	65	168120	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.10	84	663506	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	208645	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	557649	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.66	79	69533	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	248482	50.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.64%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	139798	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	209935	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
14) Carbon disulfide	2.32	76	14883	0.179	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	5694	0.155	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	29350	0.793	ug/L #	95
30) Cyclohexane	4.73	56	6751	0.113	ug/L #	93
33) Benzene	5.15	78	76762m	0.537	ug/L	
34) Trichloroethene	5.96	95	23924	0.609	ug/L	98
35) Methylcyclohexane	6.17	83	6066	0.104	ug/L	89
42) Toluene	7.43	91	17405	0.117	ug/L	94
47) Tetrachloroethene	8.02	164	80609	2.423	ug/L	97
53) m,p-xylene	9.18	106	4668	0.080	ug/L	81

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

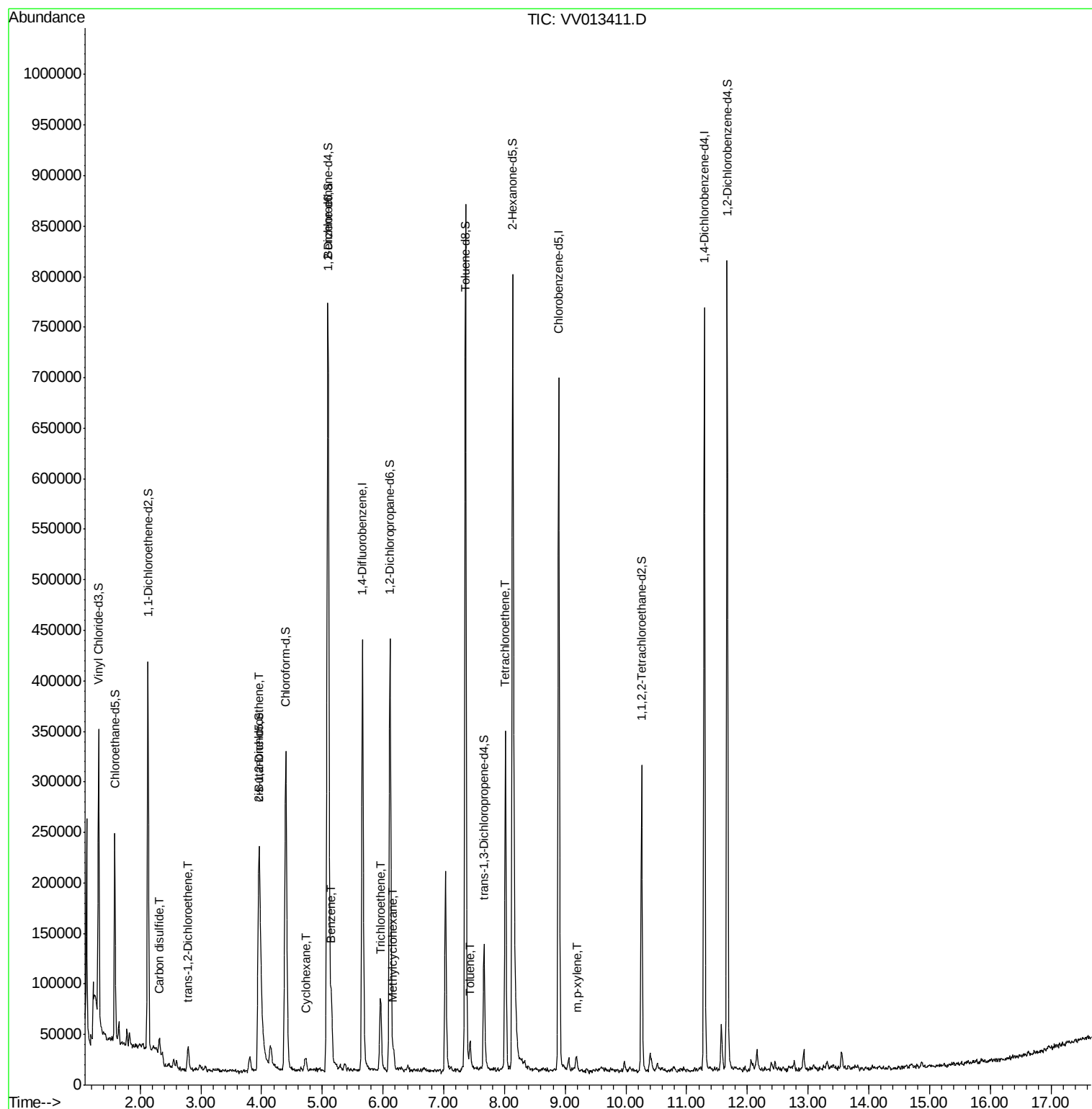
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV102919\
Data File : VV013411.D
Acq On : 29 Oct 2019 22:18
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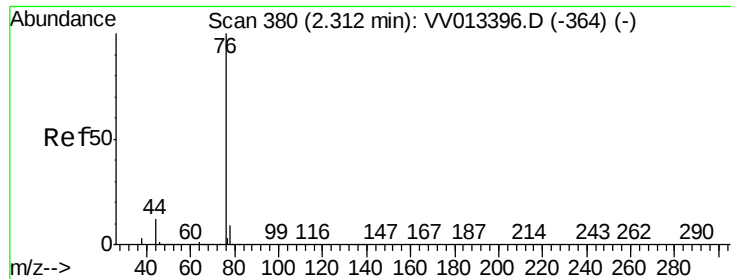
Instrument :
MSVOA_V
ClientSampleId :
GAQE1

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration





#14

Carbon disulfide

Concen: 0.179 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013411.D

Acq: 29 Oct 2019 22:18

Instrument :

MSVOA_V

ClientSampled :

GAQE1

Tot Ion: 76 Resp: 14883

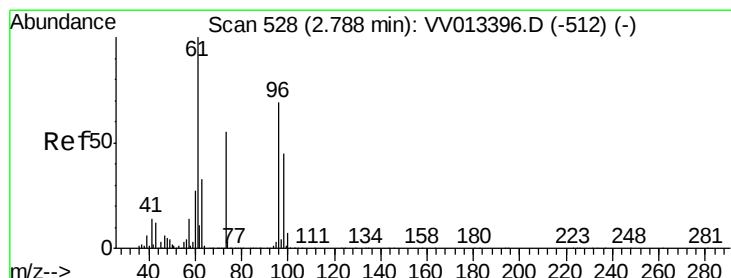
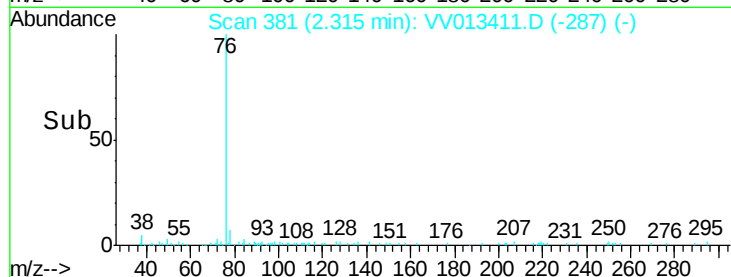
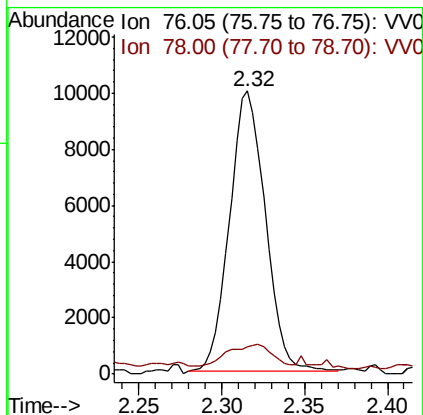
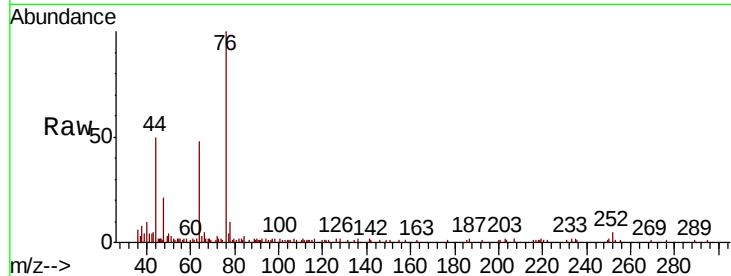
Ion Ratio Lower Upper

76 100

78 9.6 7.5 11.3

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#18

trans-1,2-Dichloroethene

Concen: 0.155 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV013411.D

Acq: 29 Oct 2019 22:18

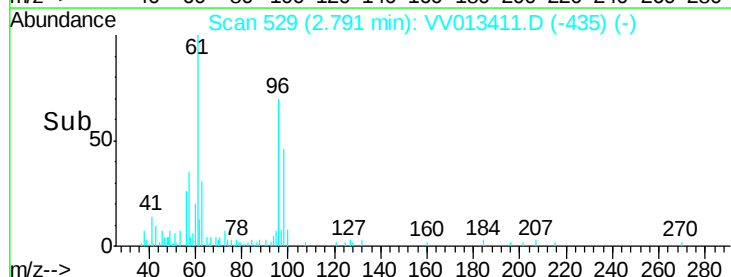
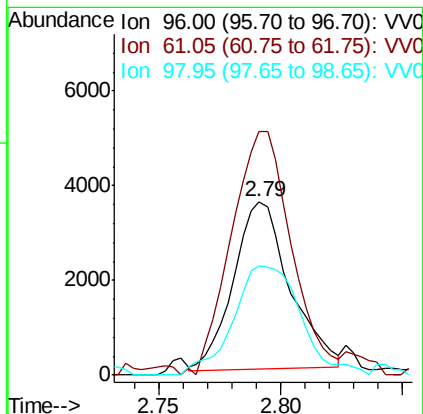
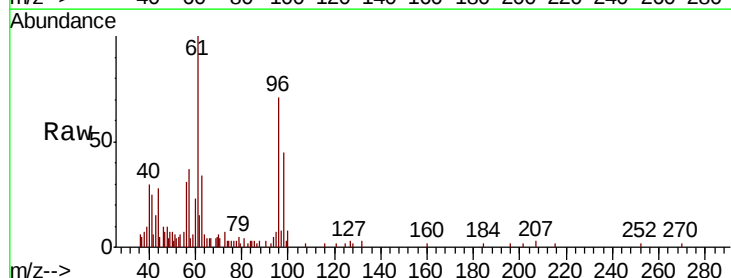
Tgt Ion: 96 Resp: 5694

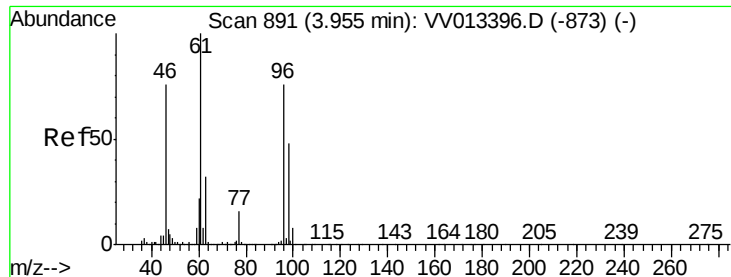
Ion Ratio Lower Upper

96 100

61 140.0 100.1 185.9

98 63.1 44.2 82.0





#22

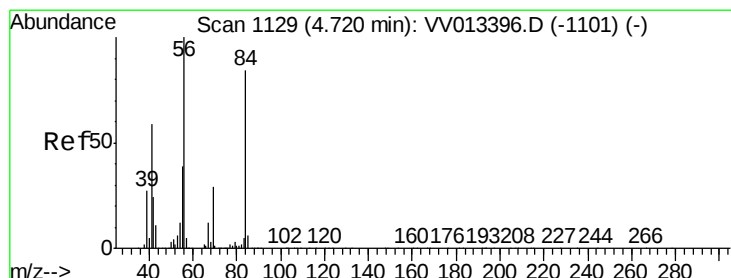
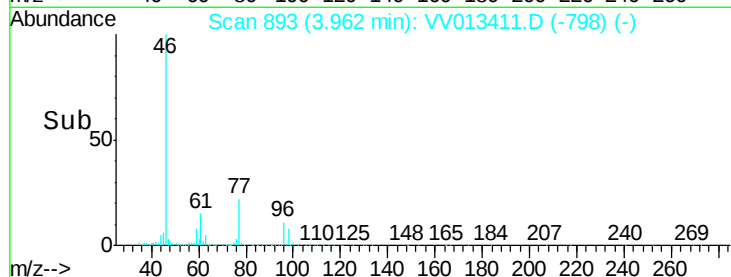
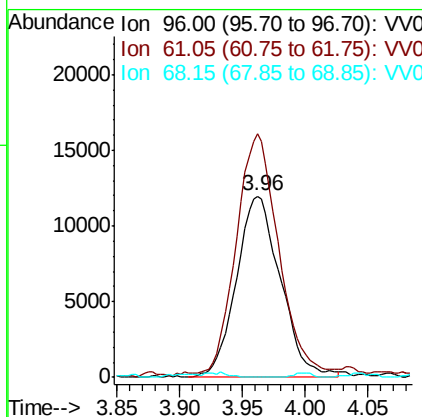
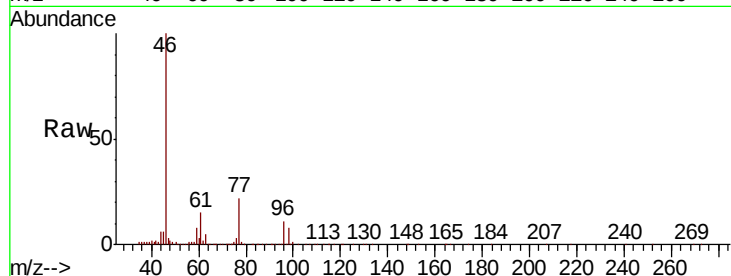
cis-1,2-Dichloroethene
 Concen: 0.793 ug/L
 RT: 3.96 min Scan# 893
 Delta R.T. 0.01 min
 Lab File: VV013411.D
 Acq: 29 Oct 2019 22:18

Instrument :
 MSVOA_V
 ClientSampleId :
 GAQE1

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.2	89.9	167.0
68	0.0	0.1	0.3

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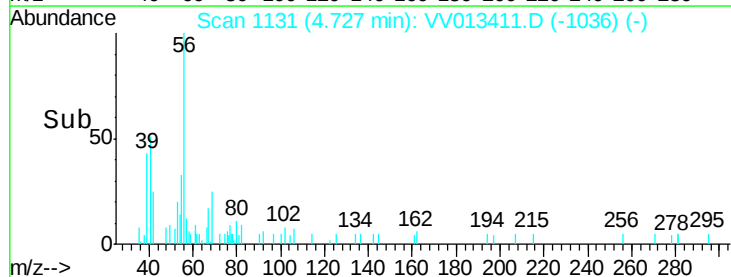
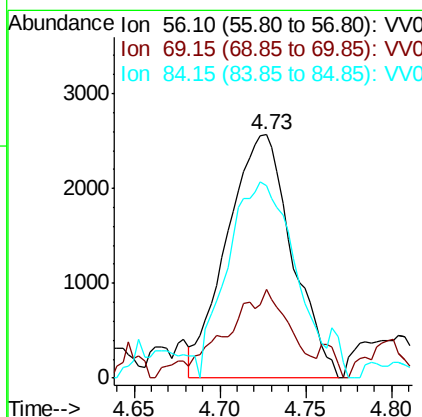
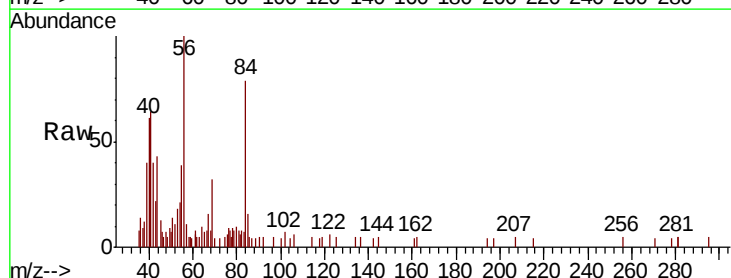
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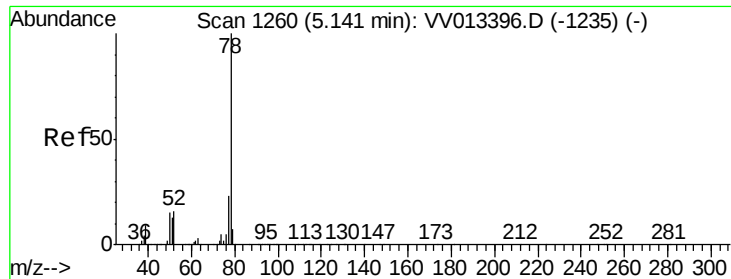


#30

Cyclohexane
 Concen: 0.113 ug/L
 RT: 4.73 min Scan# 1131
 Delta R.T. 0.01 min
 Lab File: VV013411.D
 Acq: 29 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
56	100		
69	16.0	22.7	34.1
84	83.3	65.5	98.3





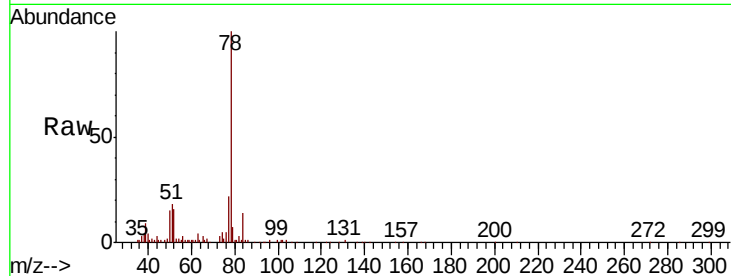
#33
Benzene
Concen: 0.537 ug/L m
RT: 5.15 min Scan# 1262
Delta R.T. 0.01 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

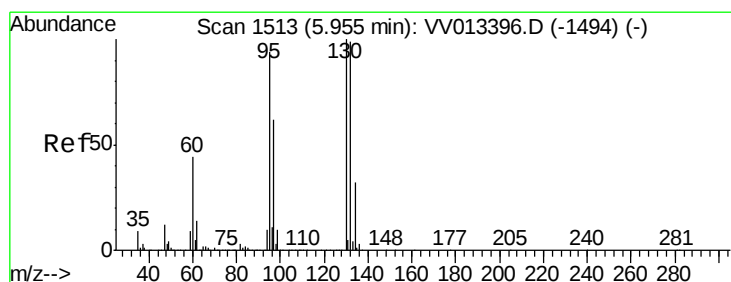
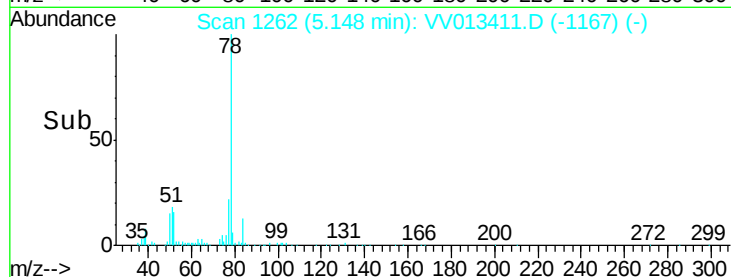
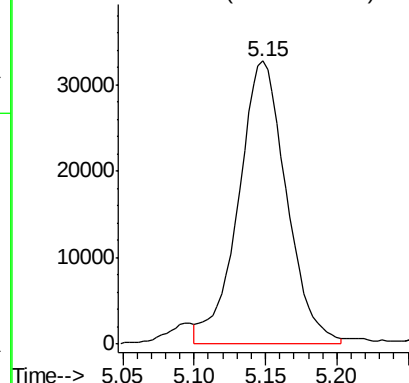
Tgt Ion: 78 Resp: 76762

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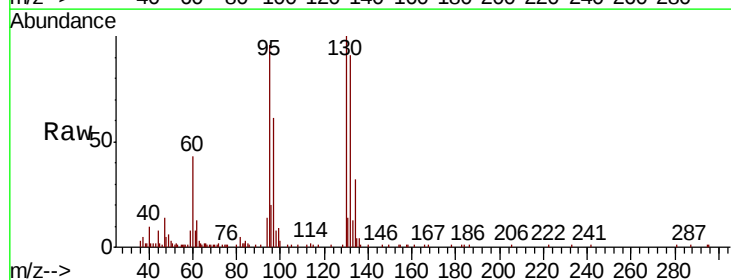


Abundance Ion 78.10 (77.80 to 78.80): VV0

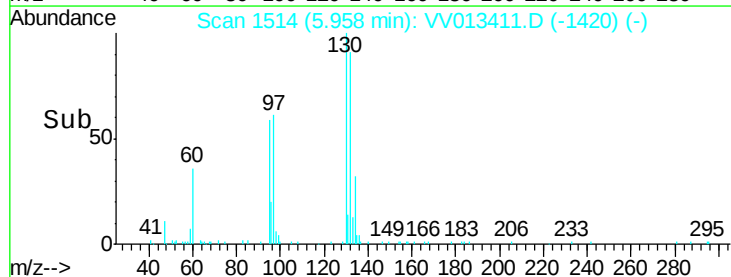
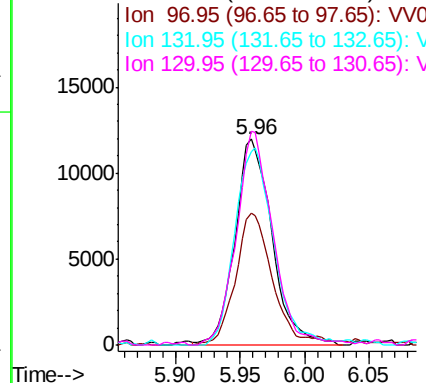


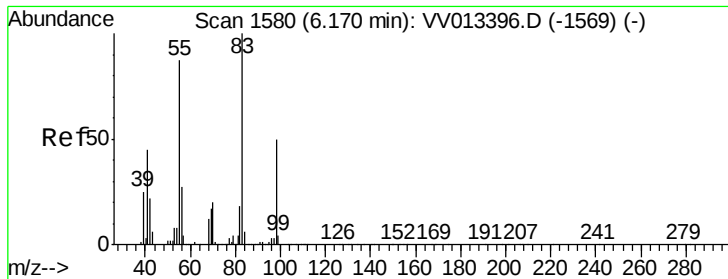
#34
Trichloroethene
Concen: 0.609 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Tgt Ion: 95 Resp: 23924
Ion Ratio Lower Upper
95 100
97 63.7 43.9 81.5
132 94.0 68.7 127.7
130 103.7 72.1 133.9



Abundance Ion 95.00 (94.70 to 95.70): VV0





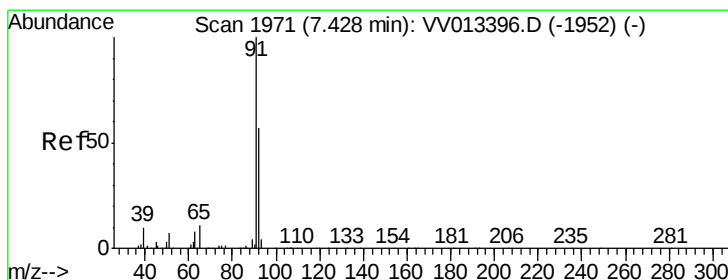
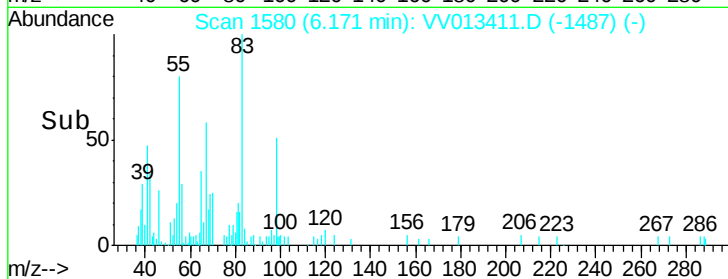
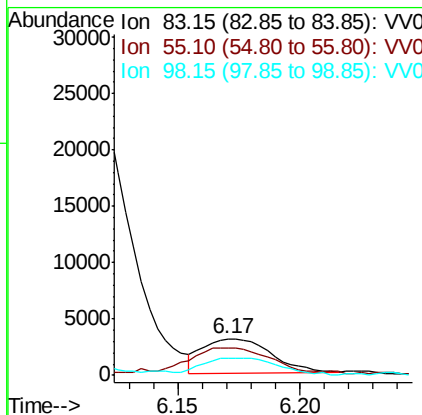
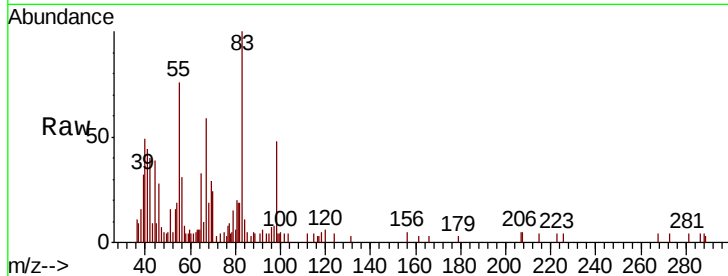
#35
Methvlcvclohexane
Concen: 0.104 ug/L
RT: 6.17 min Scan# 1580
Delta R.T. 0.00 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tot Ion	Ratio	Lower	Upper
83	100		
55	91.4	66.0	99.0
98	55.6	38.2	57.4

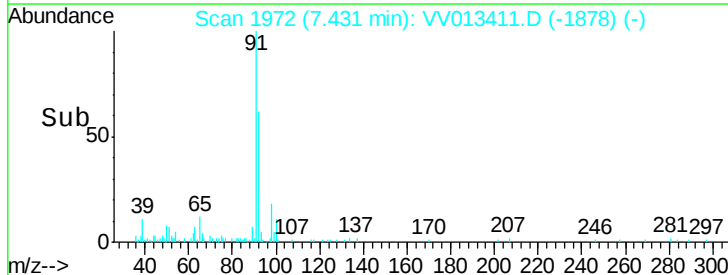
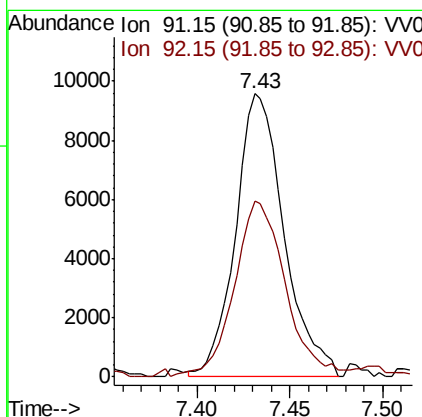
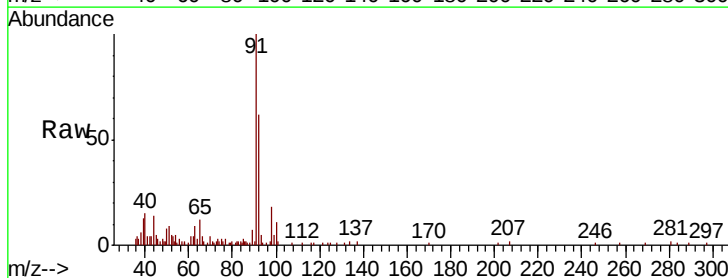
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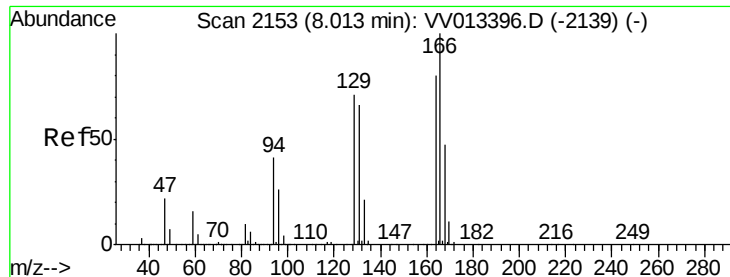
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#42
Toluene
Concen: 0.117 ug/L
RT: 7.43 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
91	100		
92	61.9	40.3	74.8





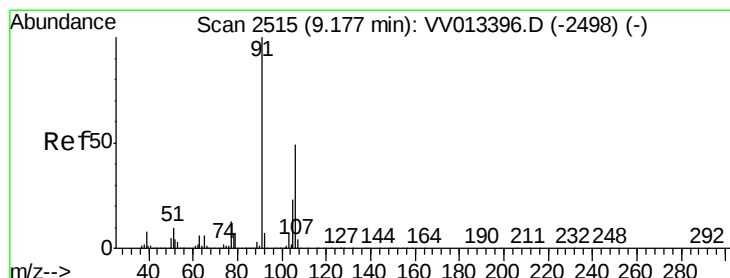
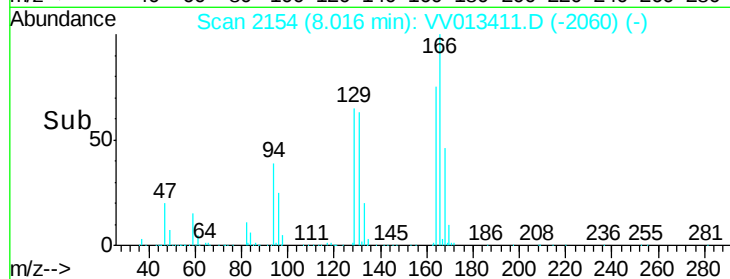
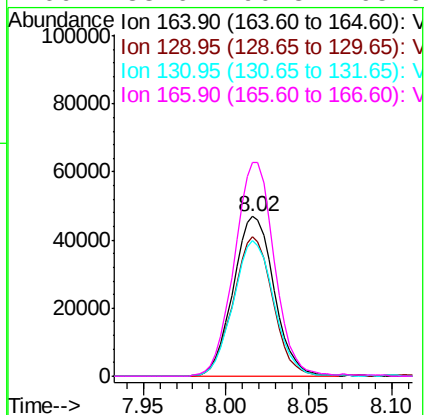
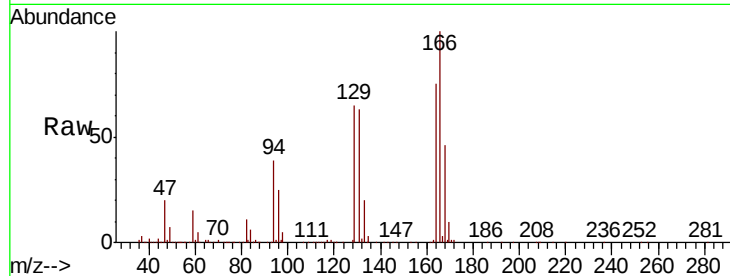
#47
Tetrachloroethene
Concen: 2.423 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. 0.00 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Instrument :
MSVOA_V
ClientSampleId :
GAQE1

Tot Ion	Ratio	Lower	Upper
164	100		
129	87.2	63.4	117.8
131	84.5	60.3	112.1
166	133.6	90.8	168.6

Manual Integrations
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#53
m,p-xylene
Concen: 0.080 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.01 min
Lab File: VV013411.D
Acq: 29 Oct 2019 22:18

Tgt Ion	Ratio	Lower	Upper
106	100		
91	176.6	144.3	267.9

