

Data File : VV013426.D
Acq On : 30 Oct 2019 12:04
Operator : SY/MD
Sample : K5597-22
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQF1

Quant Time: Oct 31 02:44:58 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 31 02:41:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	362250	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	388458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	203268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108992	3.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.00%
7) Chloroethane-d5	1.58	69	94230	3.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.00%
11) 1,1-Dichloroethene-d2	2.13	63	143965	2.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.40%#
20) 2-Butanone-d5	3.92	46	267335	34.11	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.22%
24) Chloroform-d	4.40	84	226391	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	67.40%#
26) 1,2-Dichloroethane-d4	5.08	65	113540	3.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.40%#
32) Benzene-d6	5.09	84	446108	3.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	65.80%#
36) 1,2-Dichloropropane-d6	6.11	67	143578	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	68.20%
41) Toluene-d8	7.36	98	372992	3.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	60.00%#
43) trans-1,3-Dichloropropene-	7.66	79	47743	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.13	63	150893	30.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	89603	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	65.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	147811	3.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.40%#

Target Compounds

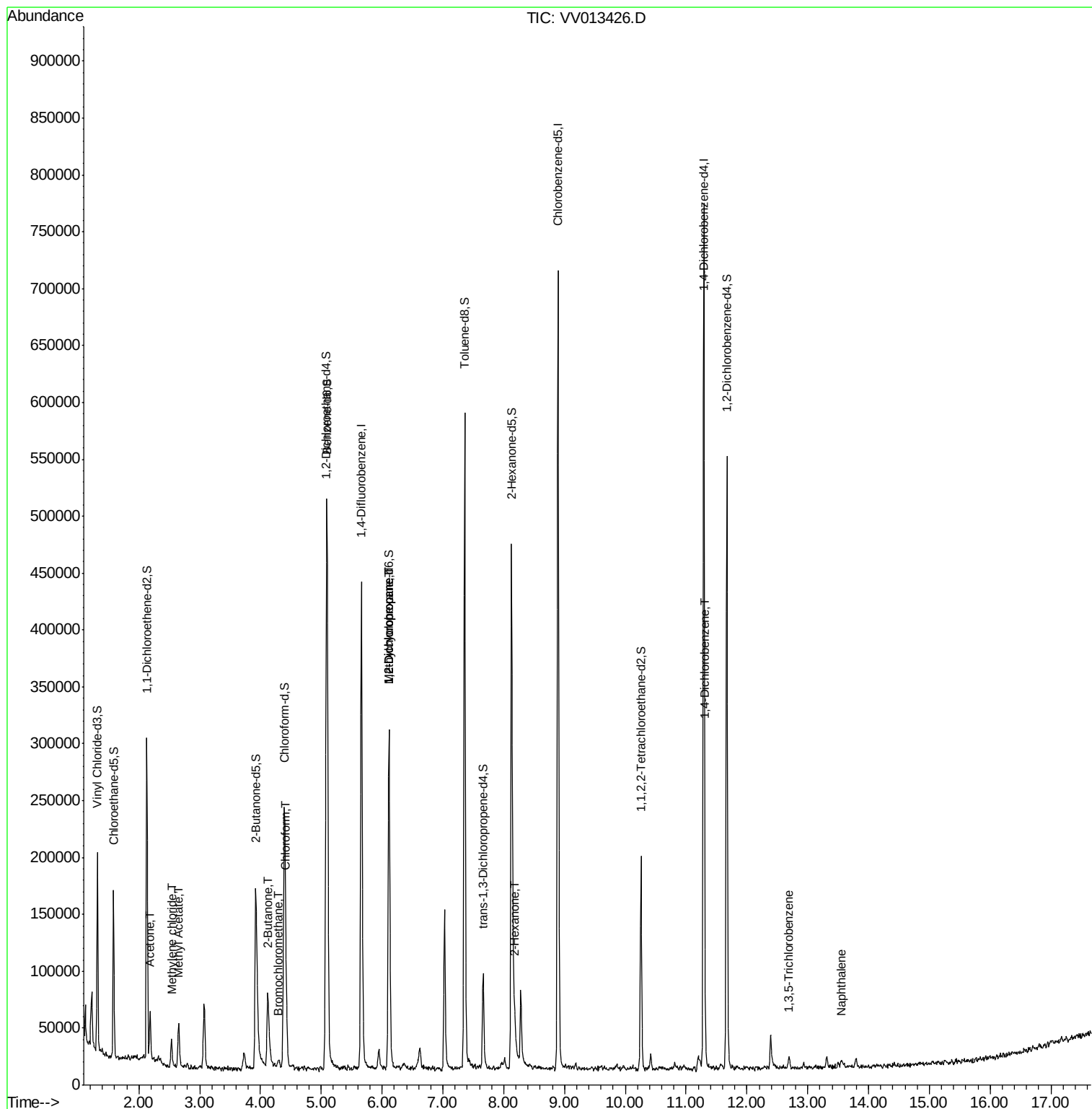
					Qvalue
13) Acetone	2.18	43	43122	11.261 ug/L	99
15) Methyl Acetate	2.66	43	5510	0.384 ug/L #	68
16) Methylene chloride	2.53	84	9768	0.243 ug/L	74
21) 2-Butanone	4.12	43	105016	12.588 ug/L #	54
23) Bromochloromethane	4.30	128	2470	0.148 ug/L	78
25) Chloroform	4.42	83	36058	0.503 ug/L	93
35) Methylcyclohexane	6.11	83	33532	0.564 ug/L #	17
37) 1,2-Dichloropropane	6.11	63	16061	0.438 ug/L #	90
48) 2-Hexanone	8.18	43	22053	1.509 ug/L #	88
63) 1,4-Dichlorobenzene	11.31	146	3865	0.056 ug/L	84
67) 1,3,5-Trichlorobenzene	12.70	180	2832	0.052 ug/L #	92
69) Naphthalene	13.56	128	6382	0.110 ug/L #	93

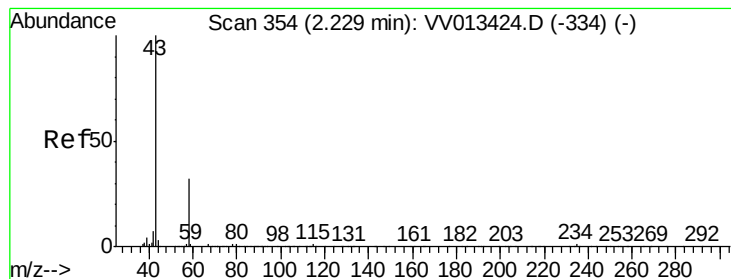
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.261 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.05 min

Lab File: VV013426.D

Acq: 30 Oct 2019 12:04

Instrument :

MSVOA_V

ClientSampleId :

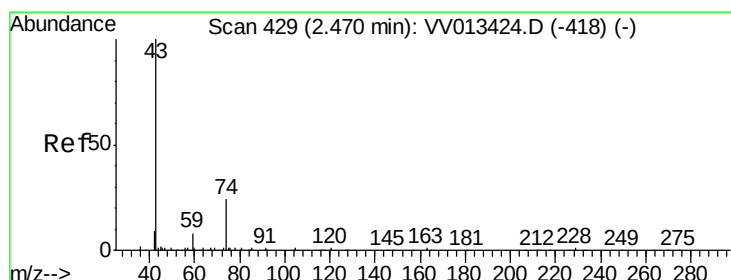
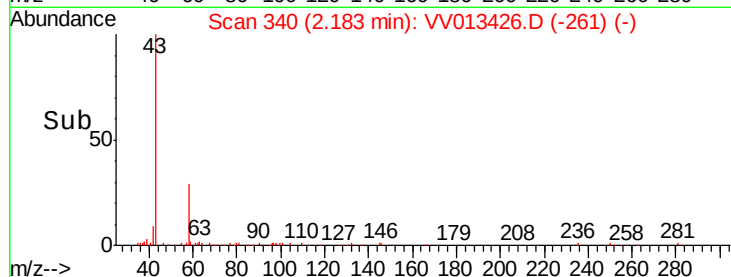
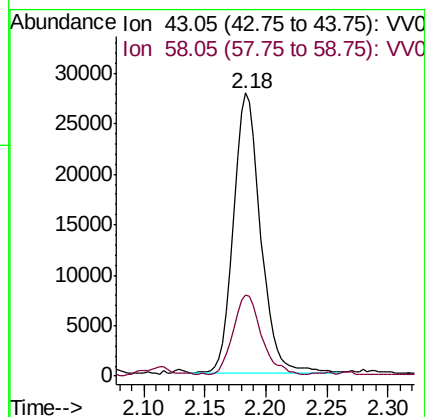
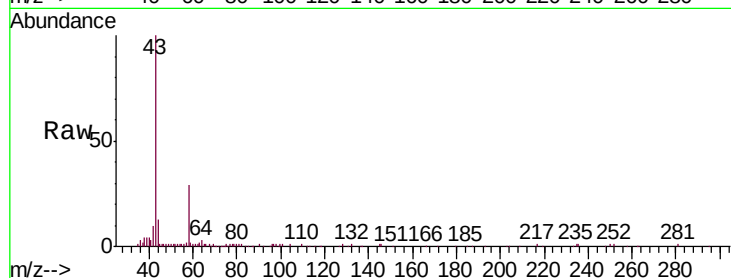
GAQF1

Tgt Ion: 43 Resp: 43122

Ion Ratio Lower Upper

43 100

58 29.9 0.0 59.0



#15

Methyl Acetate

Concen: 0.384 ug/L

RT: 2.66 min Scan# 487

Delta R.T. 0.19 min

Lab File: VV013426.D

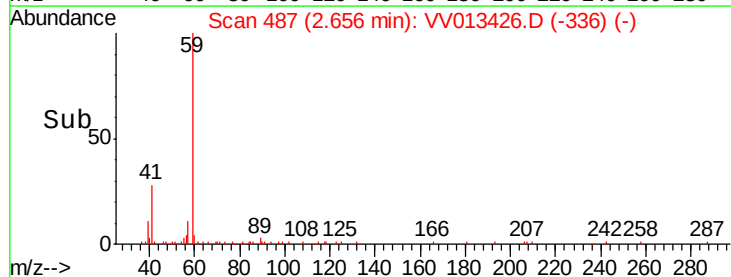
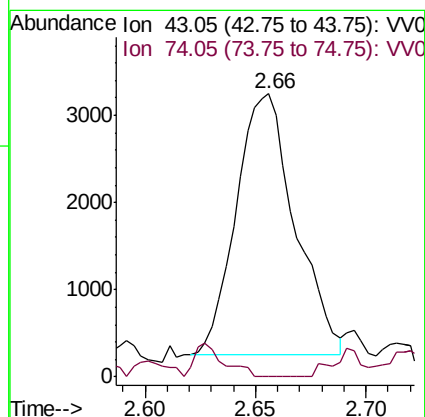
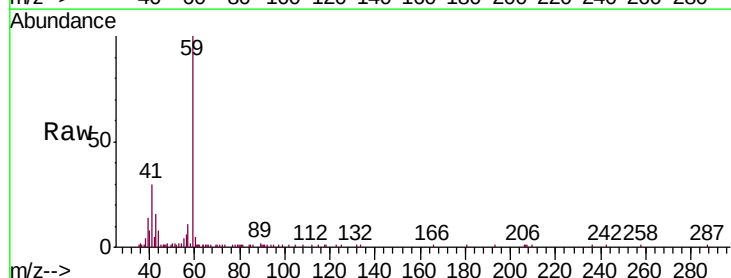
Acq: 30 Oct 2019 12:04

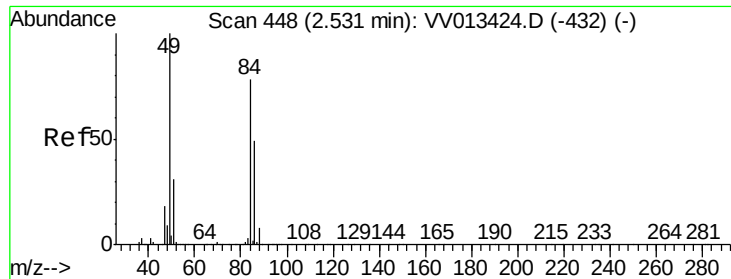
Tgt Ion: 43 Resp: 5510

Ion Ratio Lower Upper

43 100

74 6.4 17.0 25.6#

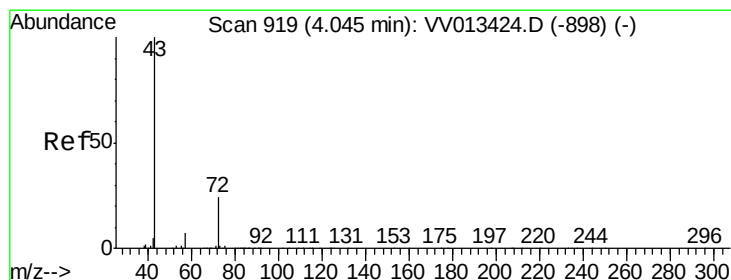
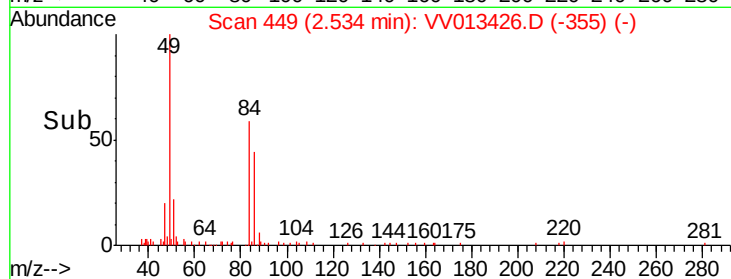
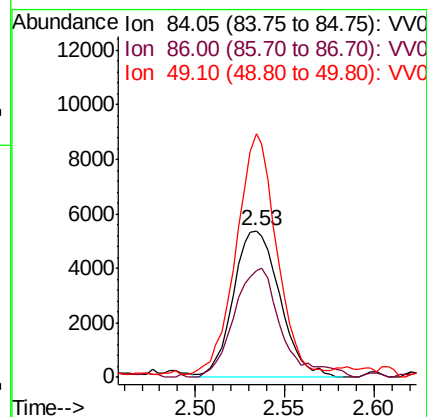
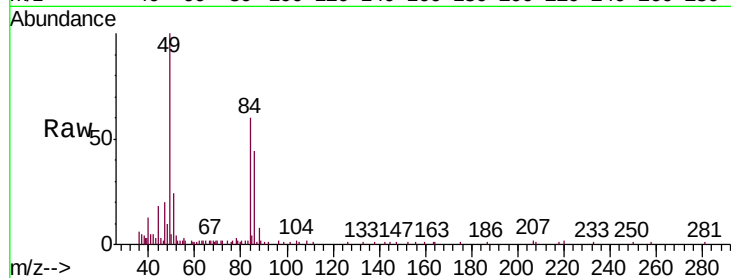




#16
Methylene chloride
Concen: 0.243 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

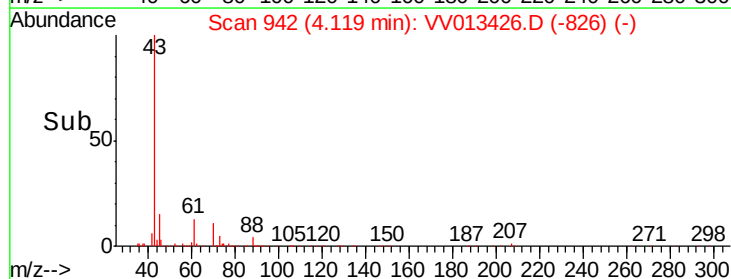
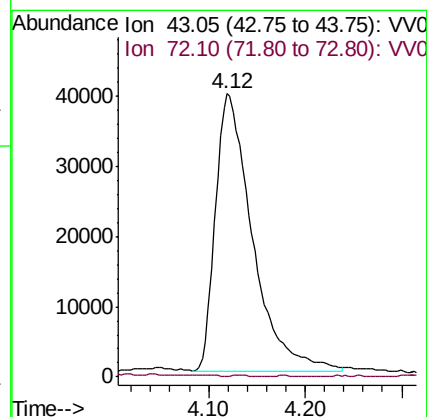
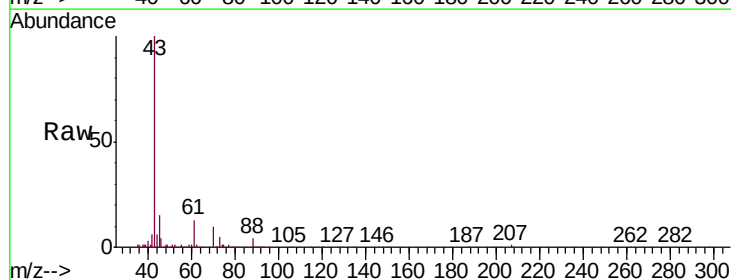
Instrument :
MSVOA_V
ClientSampleId :
GAQF1

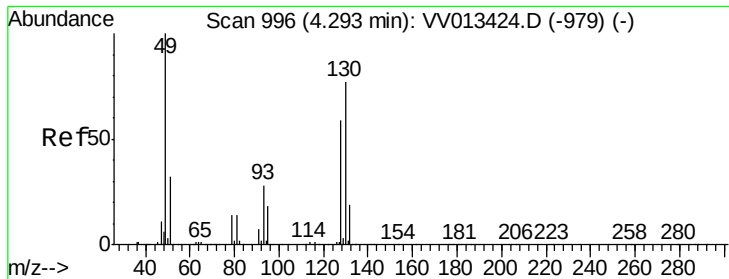
Tgt Ion: 84 Resp: 9768
Ion Ratio Lower Upper
84 100
86 72.6 43.8 81.4
49 166.4 90.4 168.0



#21
2-Butanone
Concen: 12.588 ug/L
RT: 4.12 min Scan# 942
Delta R.T. 0.07 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

Tgt Ion: 43 Resp: 105016
Ion Ratio Lower Upper
43 100
72 0.2 11.3 33.9#





#23

Bromochloromethane

Concen: 0.148 ug/L

RT: 4.30 min Scan# 997

Delta R.T. 0.00 min

Lab File: VV013426.D

Acq: 30 Oct 2019 12:04

Instrument :

MSVOA_V

ClientSampleId :

GAQF1

Tgt Ion:128 Resp: 2470

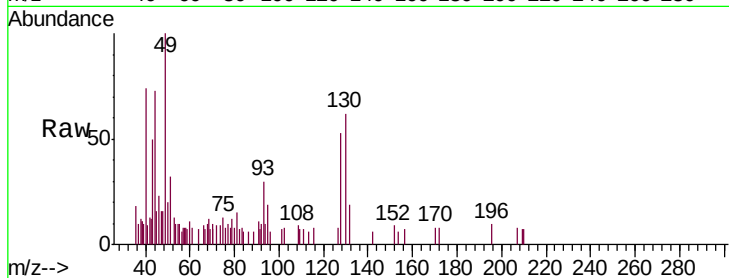
Ion Ratio Lower Upper

128 100

49 226.4 123.6 229.6

130 116.8 88.3 164.1

51 60.1 42.2 63.2

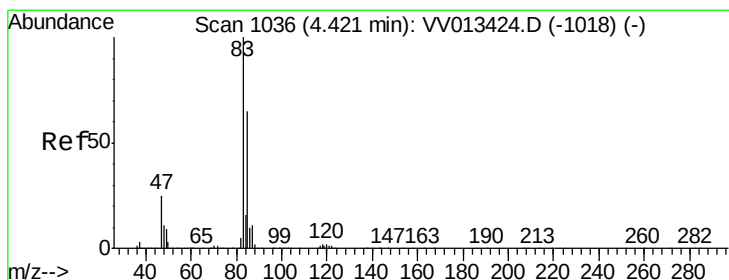
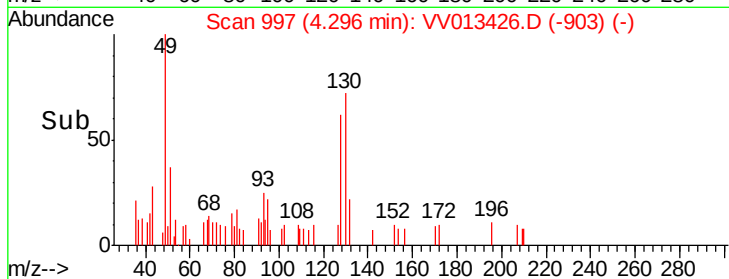
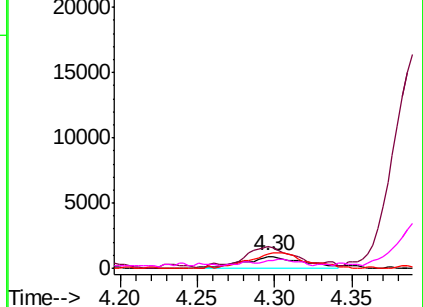


Abundance Ion 127.90 (127.60 to 128.60): V

Ion 49.10 (48.80 to 49.80): VV0

Ion 129.95 (129.65 to 130.65): V

Ion 51.05 (50.75 to 51.75): VV0



#25

Chloroform

Concen: 0.503 ug/L

RT: 4.42 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VV013426.D

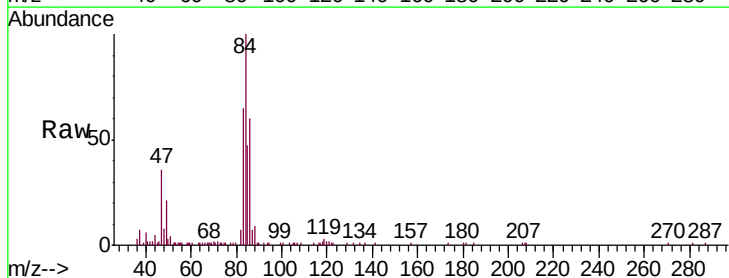
Acq: 30 Oct 2019 12:04

Tgt Ion: 83 Resp: 36058

Ion Ratio Lower Upper

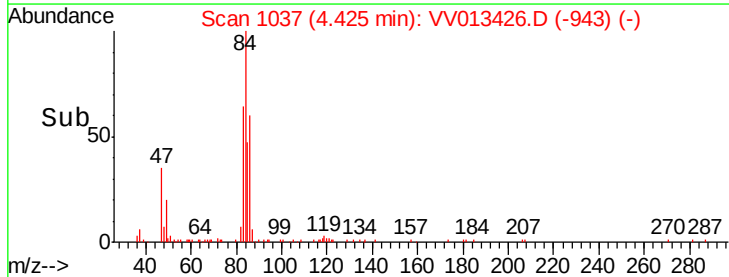
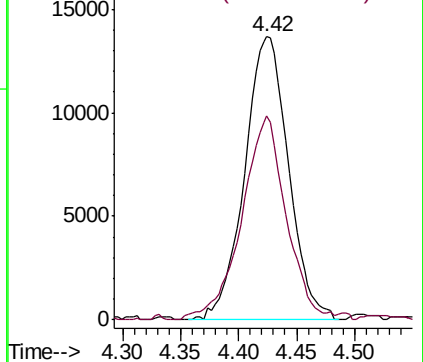
83 100

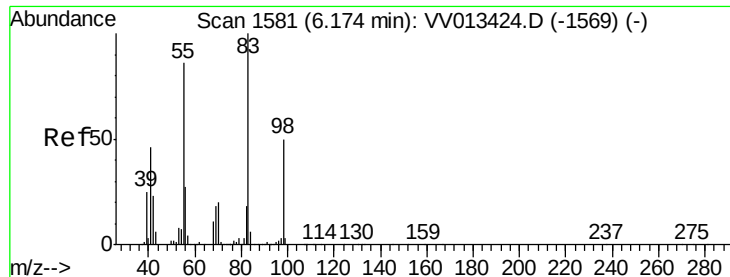
85 72.1 46.5 86.5



Abundance Ion 83.05 (82.75 to 83.75): VV0

Ion 85.00 (84.70 to 85.70): VV0

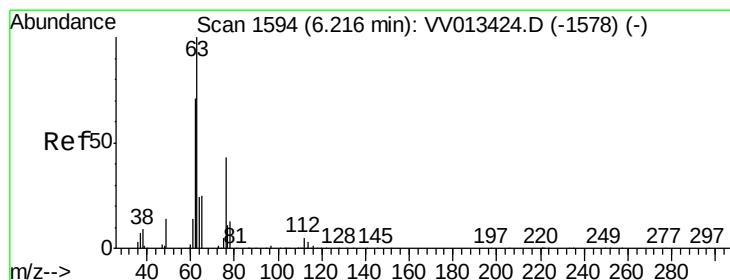
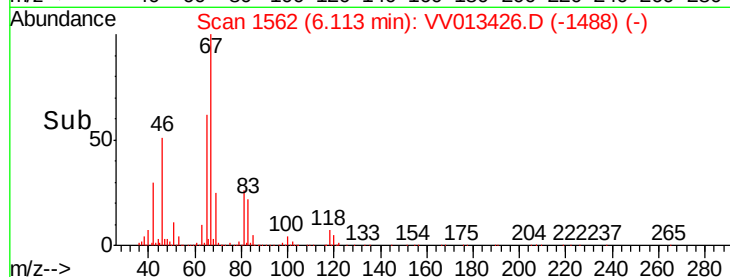
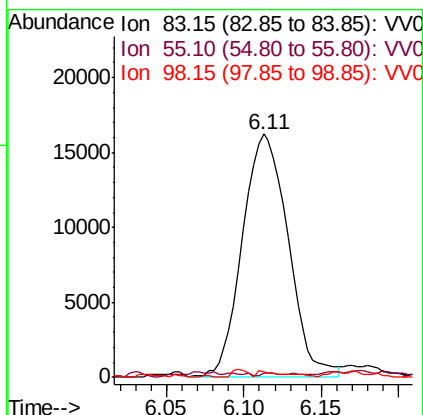
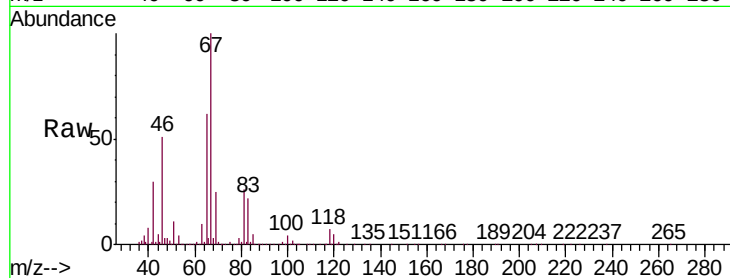




#35
Methylcyclohexane
Concen: 0.564 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.06 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

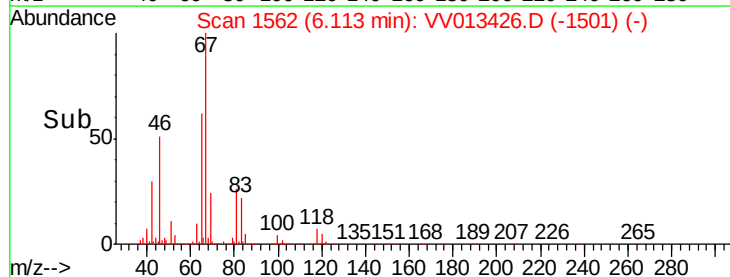
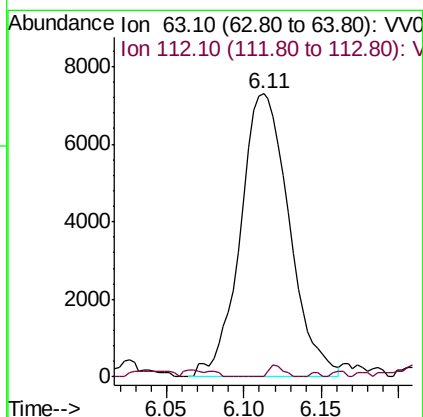
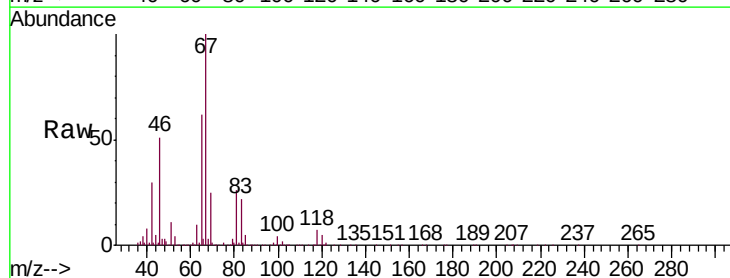
Instrument :
MSVOA_V
ClientSampleId :
GAQF1

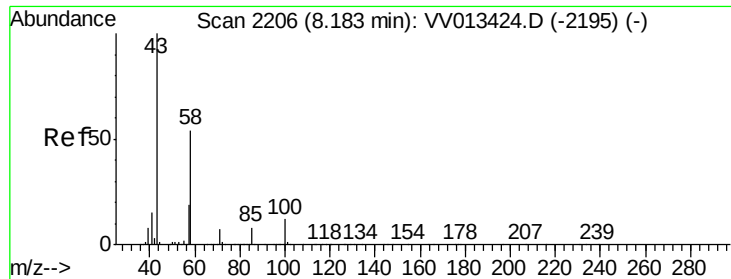
Tgt Ion: 83 Resp: 33532
Ion Ratio Lower Upper
83 100
55 0.4 66.0 99.0#
98 1.0 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.438 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.10 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

Tgt Ion: 63 Resp: 16061
Ion Ratio Lower Upper
63 100
112 1.2 3.6 5.4#

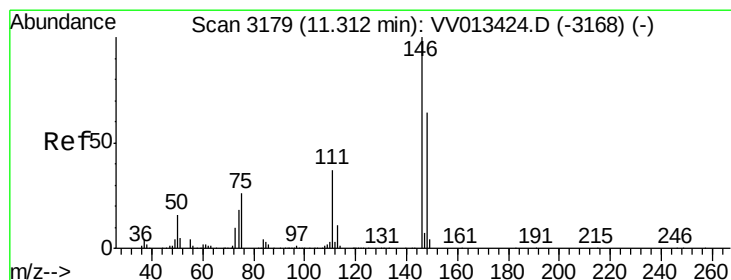
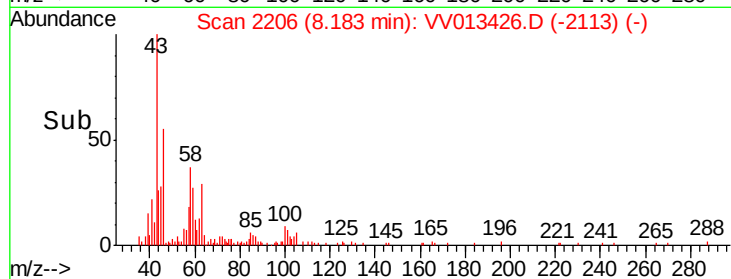
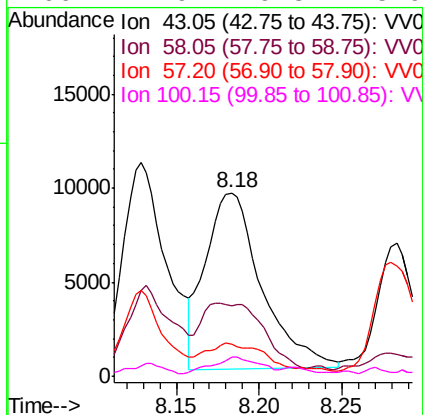
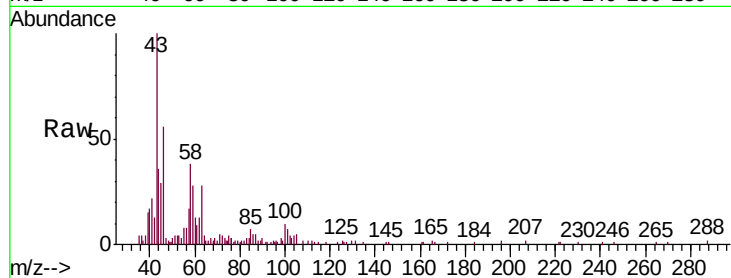




#48
2-Hexanone
Concen: 1.509 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

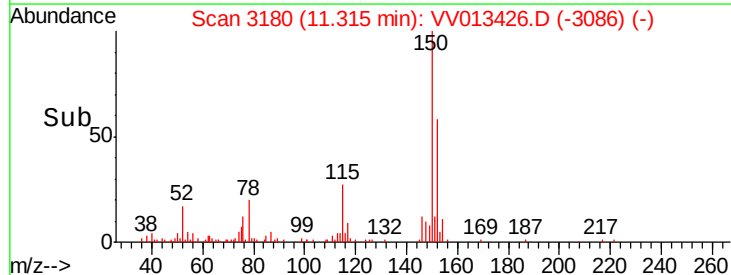
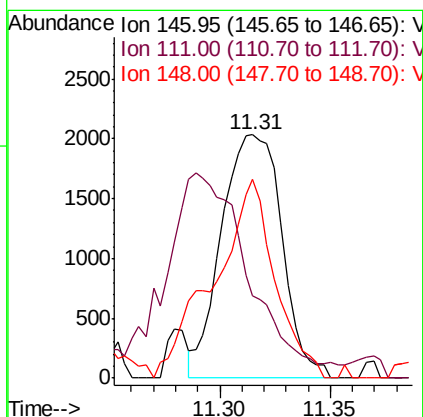
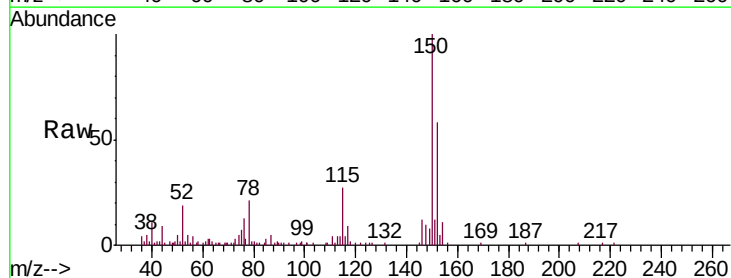
Instrument :
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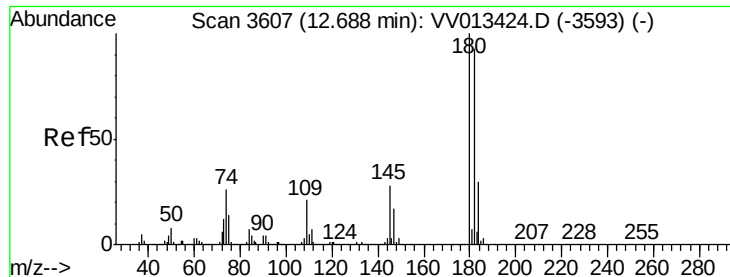
Tgt Ion: 43 Resp: 22053
Ion Ratio Lower Upper
43 100
58 42.5 43.5 65.3#
57 17.5 14.3 21.5
100 7.9 9.3 13.9#



#63
1,4-Dichlorobenzene
Concen: 0.056 ug/L
RT: 11.31 min Scan# 3180
Delta R.T. 0.00 min
Lab File: VV013426.D
Acq: 30 Oct 2019 12:04

Tgt Ion: 146 Resp: 3865
Ion Ratio Lower Upper
146 100
111 33.8 25.4 47.2
148 81.9 44.9 83.5

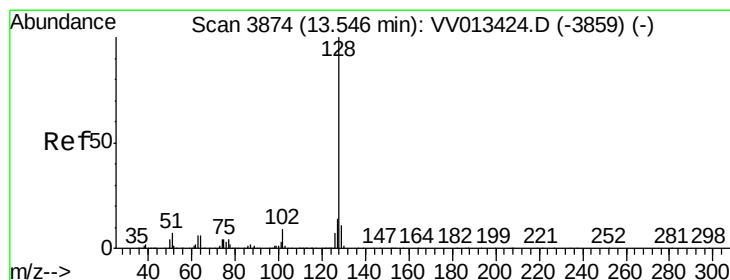
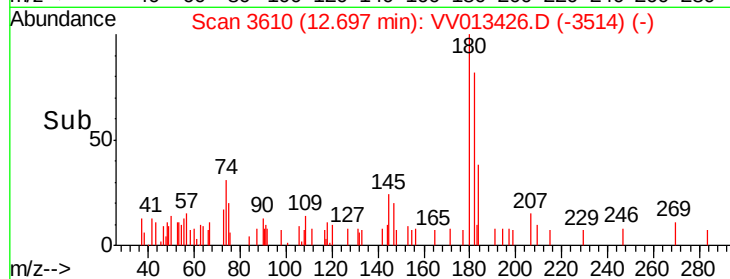
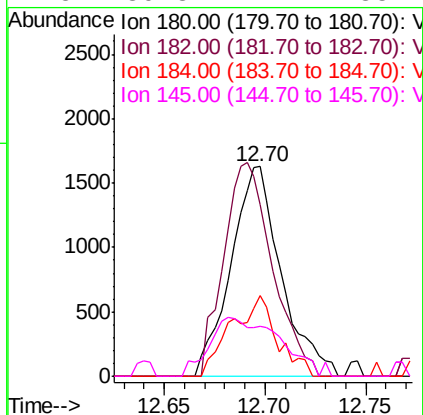
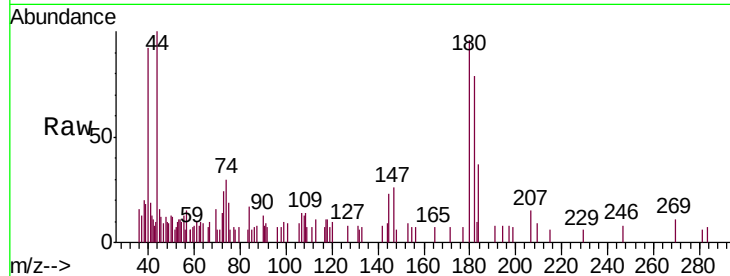




#67
 1,3,5-Trichlorobenzene
 Concen: 0.052 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.01 min
 Lab File: VV013426.D
 Acq: 30 Oct 2019 12:04

Instrument :
 MSVOA_V
 ClientSampleId :
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Tgt Ion:	180	Resp:	2832
Ion	Ratio	Lower	Upper
180	100		
182	98.7	76.4	114.6
184	35.0	24.6	36.8
145	39.3	22.2	33.2#



#69
 Naphthalene
 Concen: 0.110 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV013426.D
 Acq: 30 Oct 2019 12:04

Tgt Ion:	128	Resp:	6382
Ion	Ratio	Lower	Upper
128	100		
129	13.3	8.7	13.1#
127	16.0	10.6	16.0#

