

Data File : VV014435.D
Acq On : 30 Jan 2020 14:52
Operator : SY/MD
Sample : L1324-23
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAT77

Quant Time: Jan 31 07:48:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR012920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	221192	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	207710	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	96152	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73502	5.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.00%
7) Chloroethane-d5	1.59	69	46321	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.80%
11) 1,1-Dichloroethene-d2	2.13	63	67426	3.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.40%
20) 2-Butanone-d5	3.93	46	137048	53.14	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.28%
24) Chloroform-d	4.40	84	114265	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.08	65	59394	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	272780	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	83414	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	253071	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
43) trans-1,3-Dichloropropene-	7.66	79	33642	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.15	63	120269	44.84	ug/L	0.02
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.68%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56743	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	83083	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

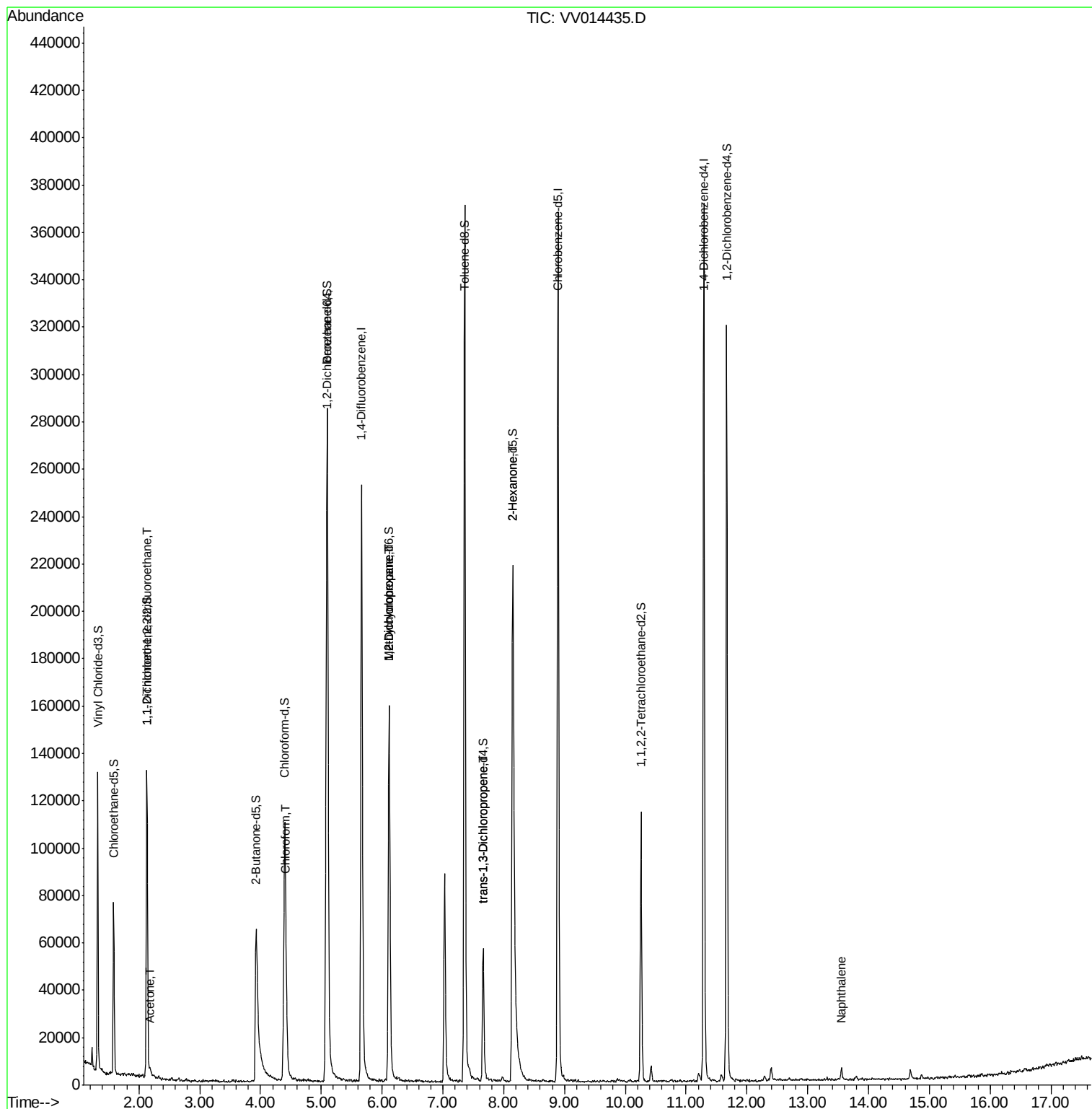
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	711	0.073	ug/L #	20
13) Acetone	2.19	43	3046	1.933	ug/L	85
25) Chloroform	4.43	83	11923	0.422	ug/L	94
35) Methylcyclohexane	6.12	83	19049	0.649	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	8964	0.559	ug/L #	87
44) trans-1,3-Dichloropropene	7.67	75	1509	0.082	ug/L #	65
48) 2-Hexanone	8.15	43	15883	2.594	ug/L #	70
69) Naphthalene	13.55	128	3889	0.114	ug/L	99

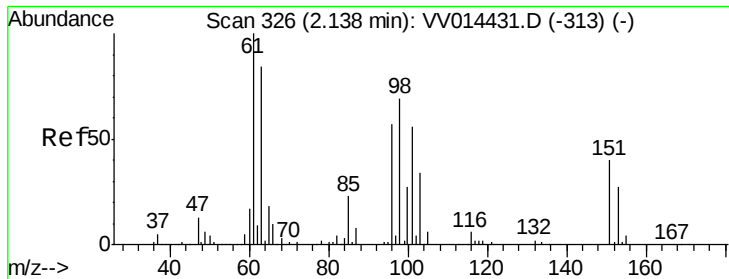
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 31 07:45:41 2020
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.01 min

Lab File: VV014435.D

Acq: 30 Jan 2020 14:52

Instrument :

MSVOA_V

ClientSampled :

GAT77

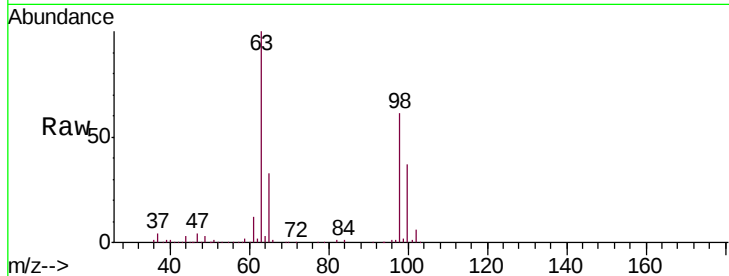
Tgt Ion: 101 Resp: 711

Ion Ratio Lower Upper

101 100

85 0.0 33.2 49.8#

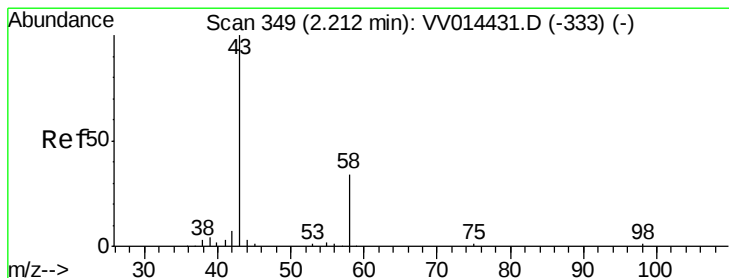
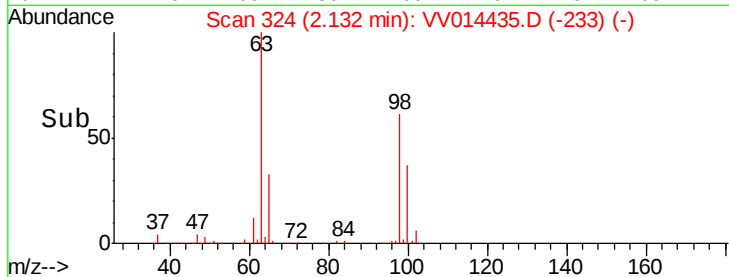
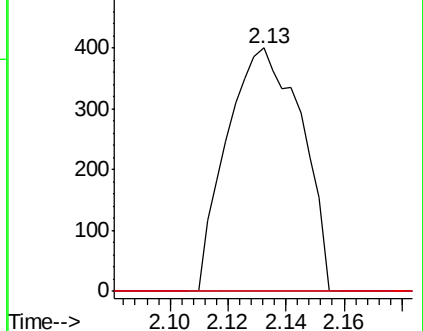
151 0.0 59.6 89.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 1.933 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

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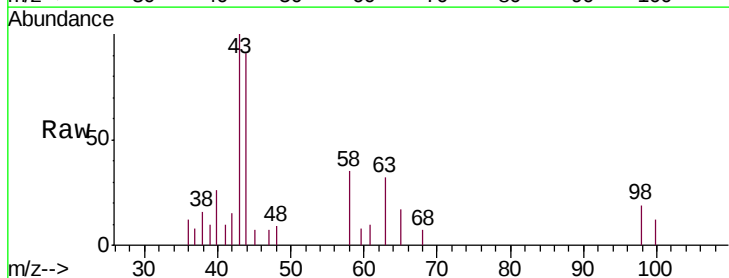
Acq: 30 Jan 2020 14:52

Tgt Ion: 43 Resp: 3046

Ion Ratio Lower Upper

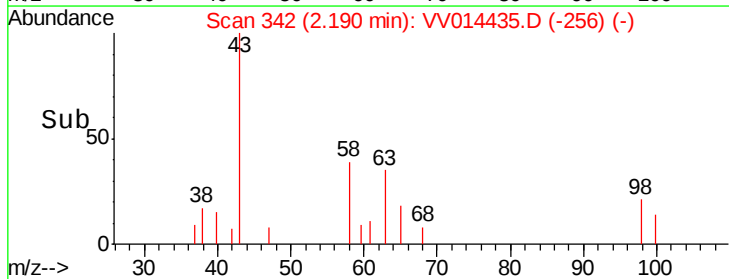
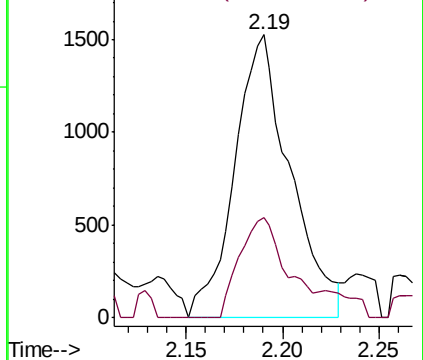
43 100

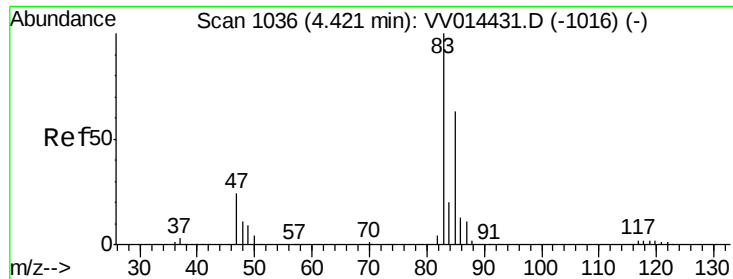
58 30.8 0.0 47.0



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

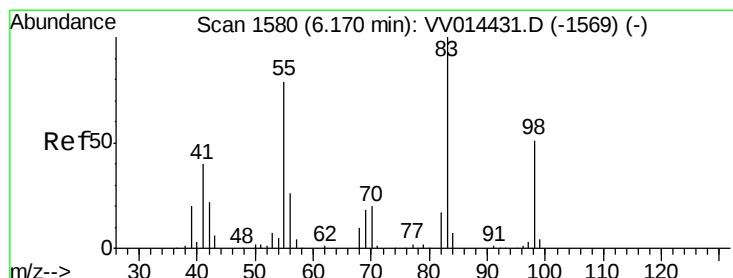
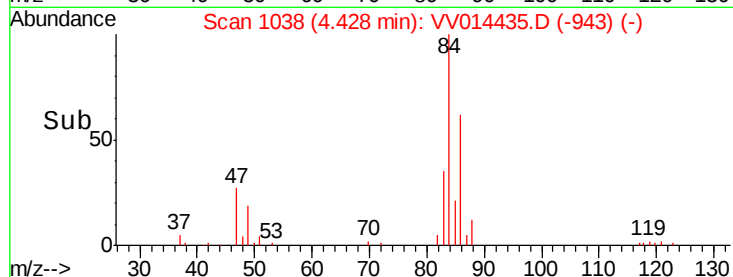
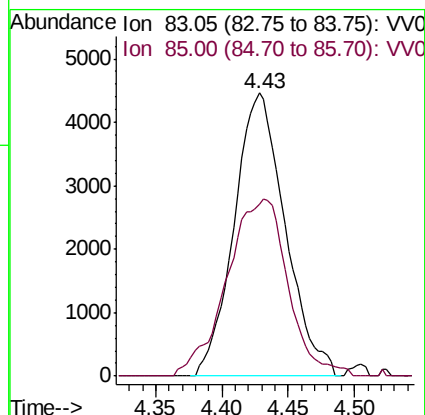
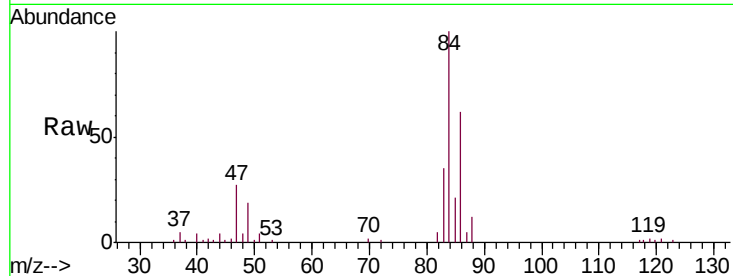




#25
Chloroform
Concen: 0.422 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
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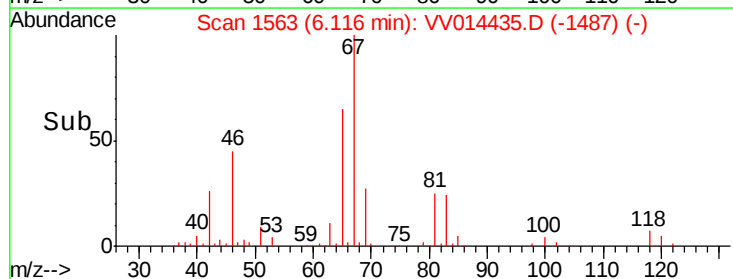
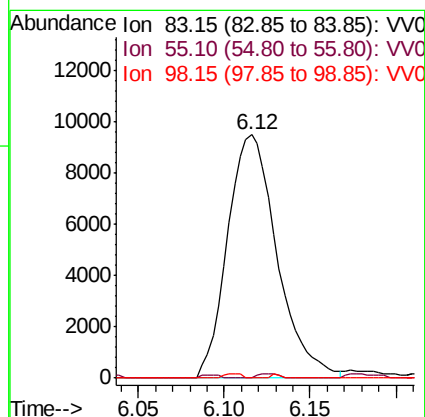
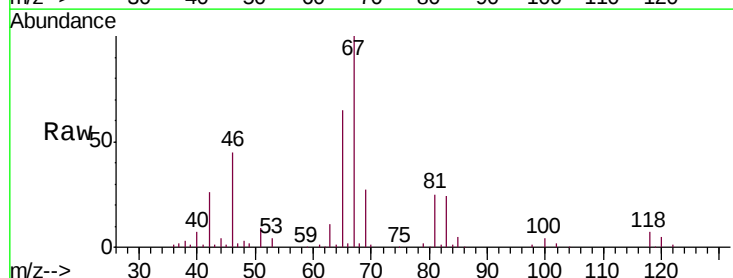
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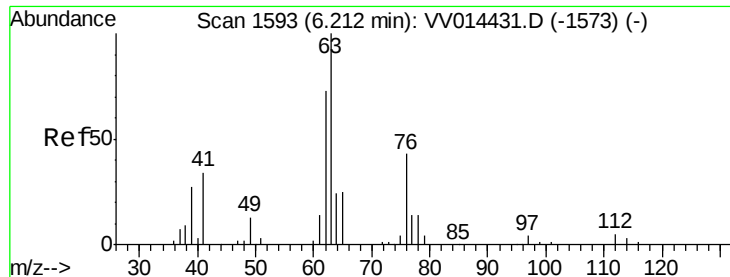
Tgt Ion: 83 Resp: 11923
Ion Ratio Lower Upper
83 100
85 61.0 45.9 85.3



#35
Methylcyclohexane
Concen: 0.649 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV014435.D
Acq: 30 Jan 2020 14:52

Tgt Ion: 83 Resp: 19049
Ion Ratio Lower Upper
83 100
55 0.5 61.3 91.9#
98 0.6 37.5 56.3#

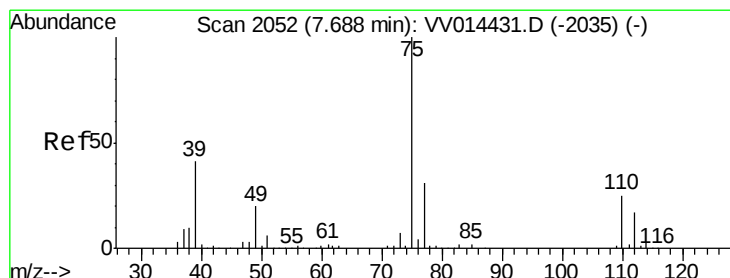
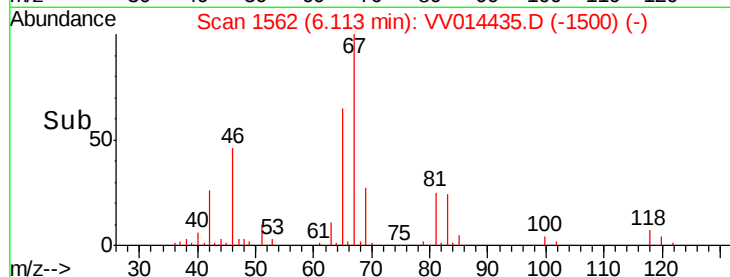
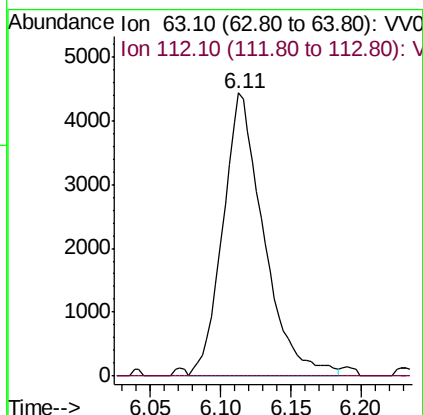
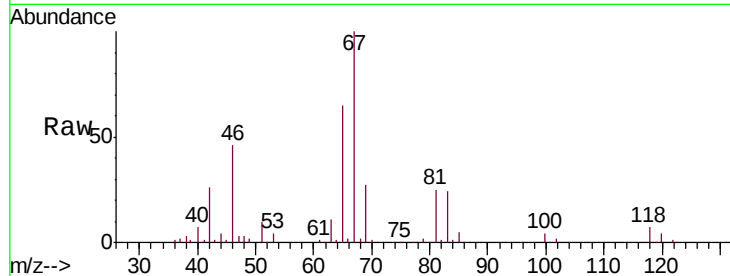




#37
 1,2-Dichloropropane
 Concen: 0.559 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.10 min
 Lab File: VV014435.D
 Acq: 30 Jan 2020 14:52

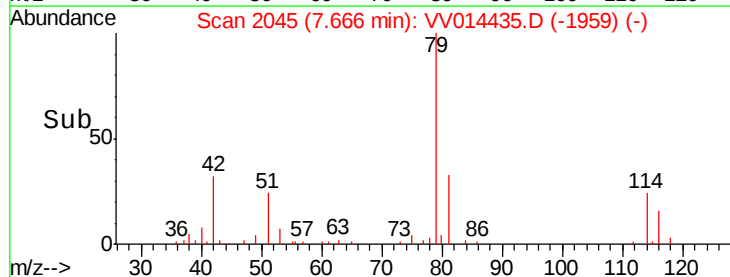
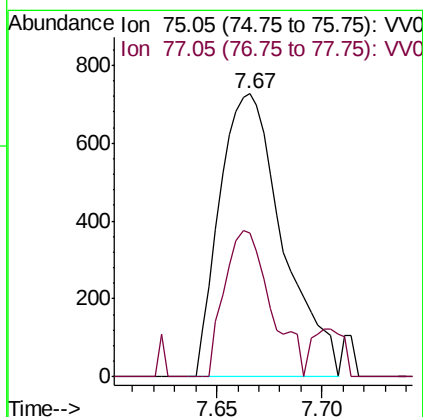
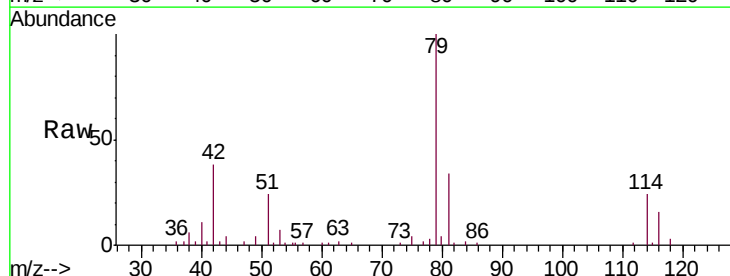
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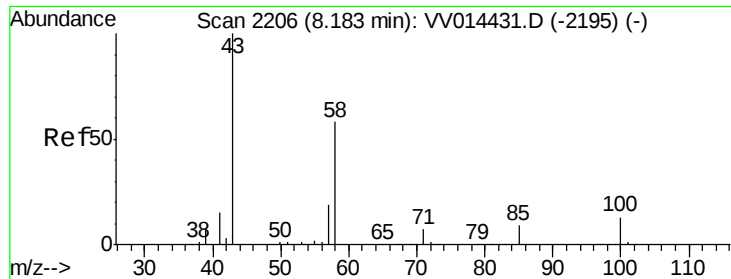
Tgt Ion: 63 Resp: 8964
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#44
 trans-1,3-Dichloropropene
 Concen: 0.082 ug/L
 RT: 7.67 min Scan# 2045
 Delta R.T. -0.02 min
 Lab File: VV014435.D
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Tgt Ion: 75 Resp: 1509
 Ion Ratio Lower Upper
 75 100
 77 50.6 22.0 41.0#

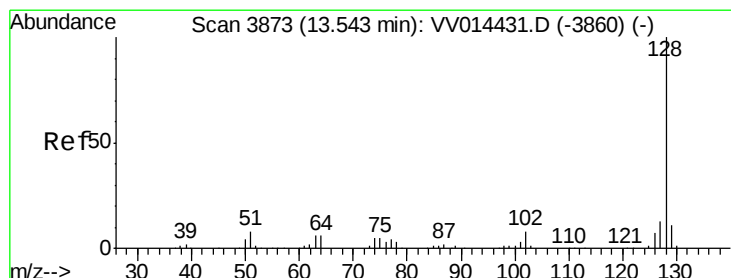
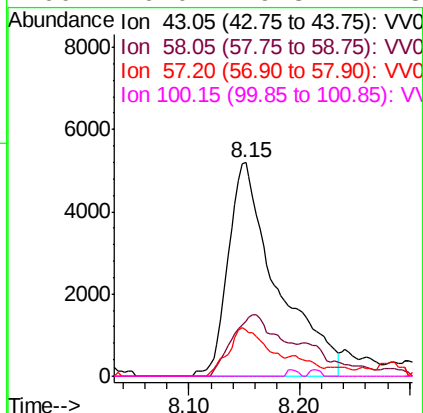
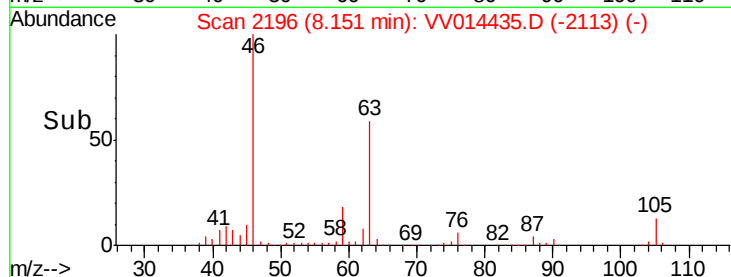
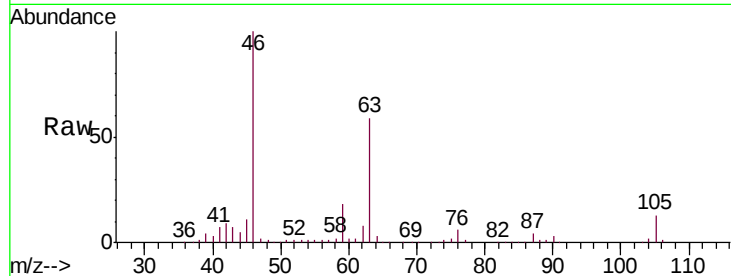




#48
2-Hexanone
Concen: 2.594 ug/L
RT: 8.15 min Scan# 2196
Delta R.T. -0.03 min
Lab File: VV014435.D
Acq: 30 Jan 2020 14:52

Instrument :
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Tgt Ion:	43	Resp:	15883
Ion	Ratio	Lower	Upper
43	100		
58	28.1	45.8	68.6#
57	18.3	15.4	23.0
100	0.0	9.8	14.8#



#69
Naphthalene
Concen: 0.114 ug/L
RT: 13.55 min Scan# 3876
Delta R.T. 0.01 min
Lab File: VV014435.D
Acq: 30 Jan 2020 14:52

Tgt Ion:	128	Resp:	3889
Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	12.4	10.3	15.5

