

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019297.D
 Acq On : 06 Nov 2020 14:59
 Operator : SY/MD
 Sample : L4615-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG497

Quant Time: Nov 07 01:25:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Nov 07 01:17:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	247271	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	241757	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	119309	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	84232	42.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.74%
7) Chloroethane-d5	1.58	69	73362	48.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.12%
11) 1,1-Dichloroethene-d2	2.12	63	128153	34.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.56%
21) 2-Butanone-d5	3.92	46	128255	106.56	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	4.38	84	167740	45.89	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.78%
26) 1,2-Dichloroethane-d4	5.06	65	121714	47.79	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.58%
32) Benzene-d6	5.07	84	316405	46.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.28%
36) 1,2-Dichloropropane-d6	6.09	67	102095	49.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.86%
41) Toluene-d8	7.34	98	284465	43.18	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.36%
43) trans-1,3-Dichloropropene-	7.64	79	50917	43.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.06%
47) 2-Hexanone-d5	8.11	63	75131	84.84	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	120759	43.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	123307	49.19	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.38%

Target Compounds

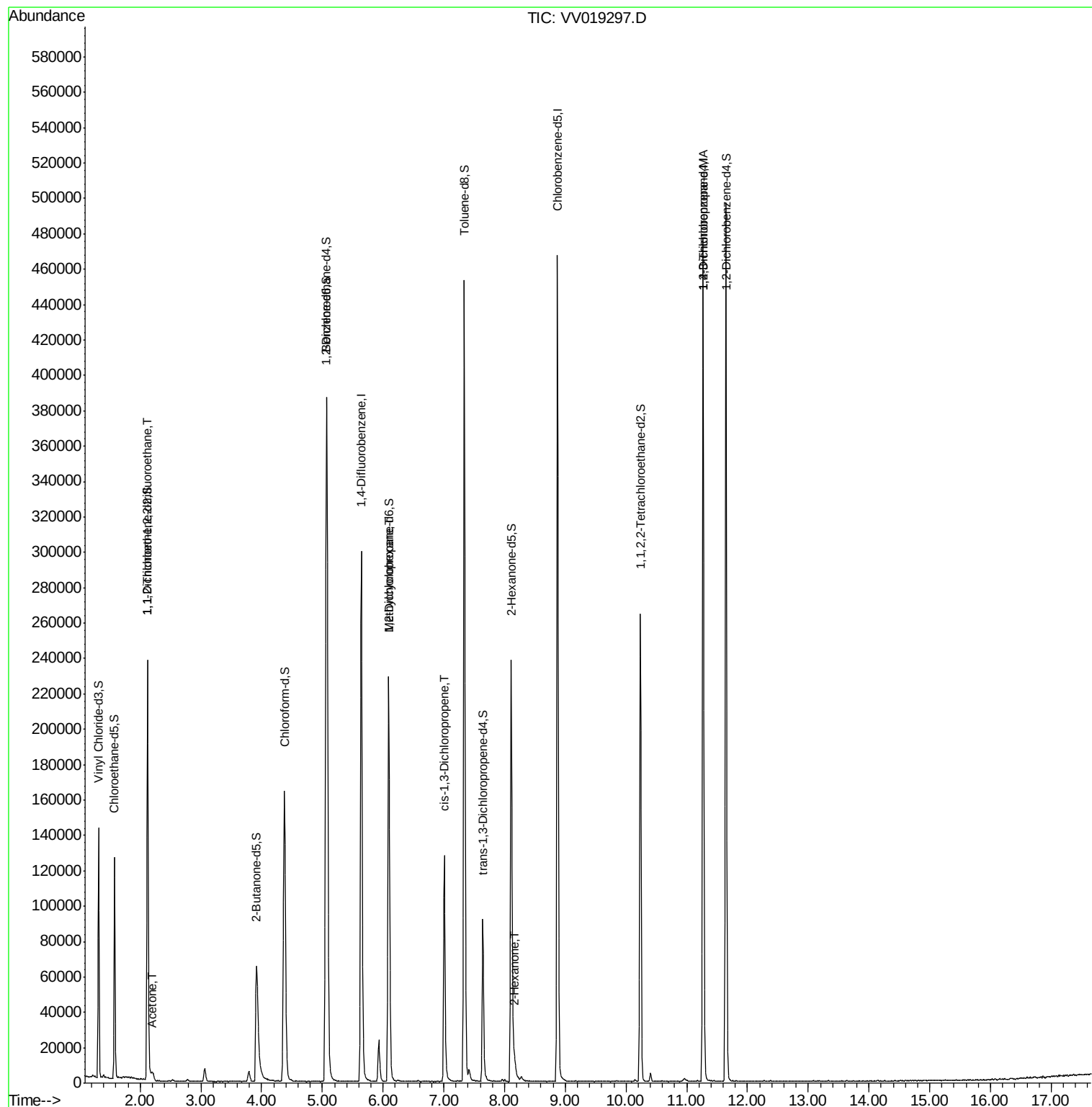
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1129	0.697 ug/L #	17
13) Acetone	2.20	43	7184	6.425 ug/L	78
35) Methylcyclohexane	6.09	83	26117	10.131 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3479	1.217 ug/L #	79
48) 2-Hexanone	8.17	43	6583	3.468 ug/L #	84
59) 1,2,3-Trichloropropane	11.27	75	13868	6.128 ug/L #	88

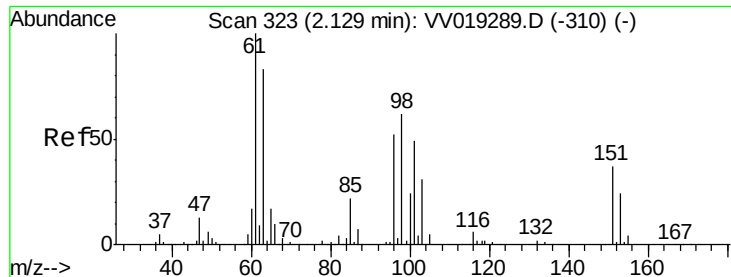
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.697 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019297.D

Acq: 06 Nov 2020 14:59

Instrument :

MSVOA_V

ClientSampled :

BG497

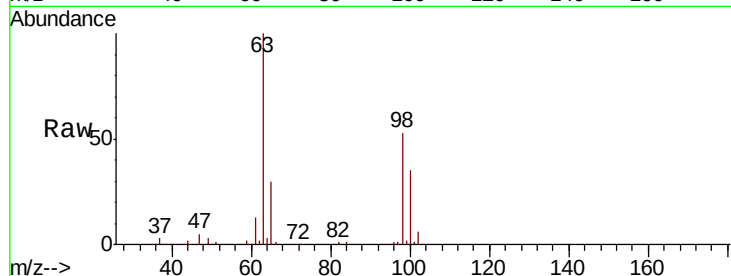
Tot Ion:101 Resp: 1129

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

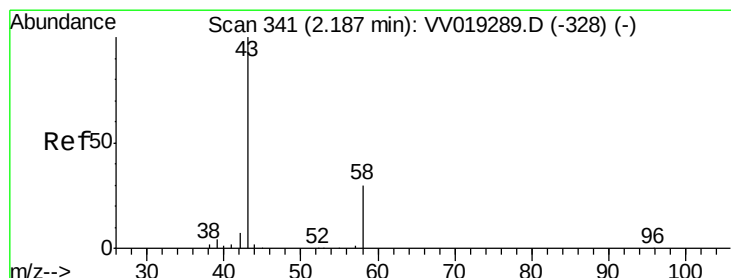
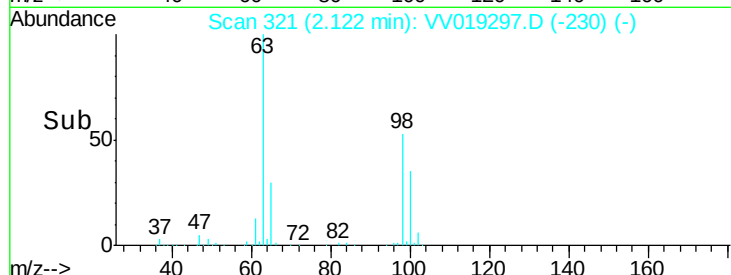
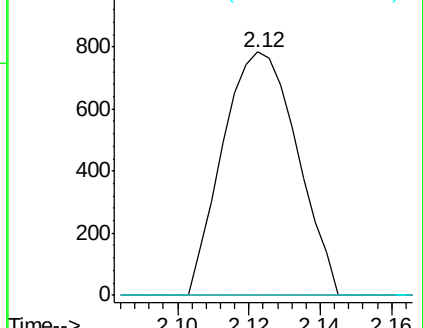
151 0.0 65.0 97.4#



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: 6.425 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

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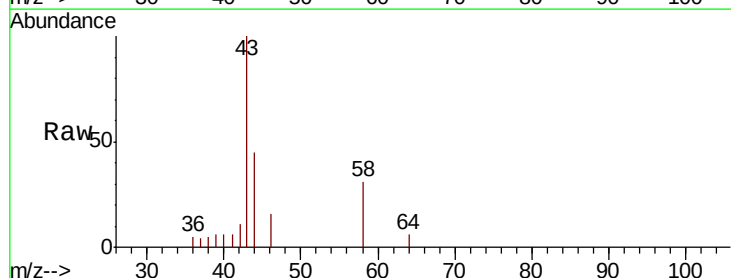
Acq: 06 Nov 2020 14:59

Tgt Ion: 43 Resp: 7184

Ion Ratio Lower Upper

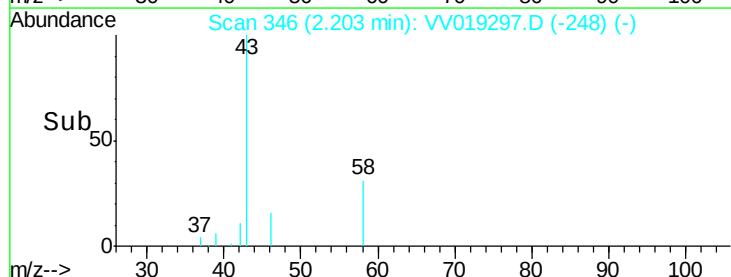
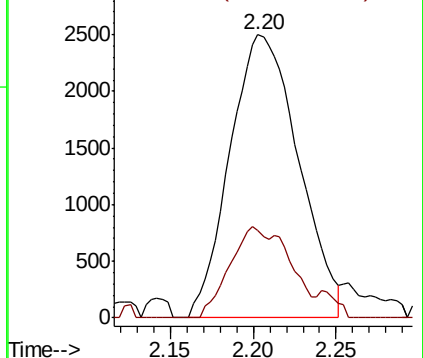
43 100

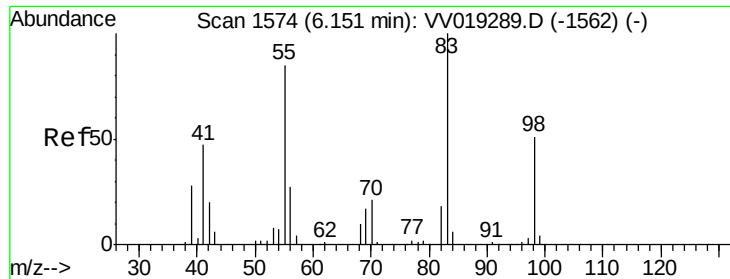
58 17.8 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

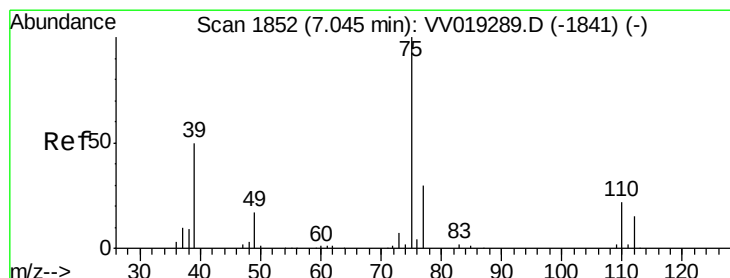
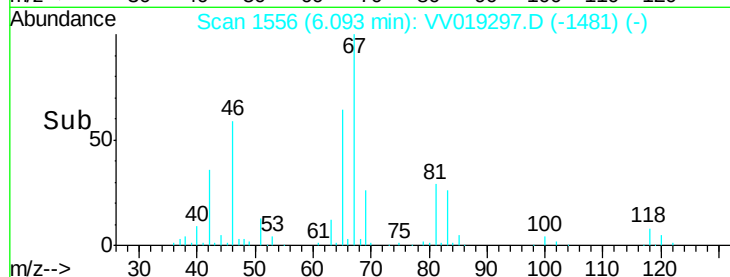
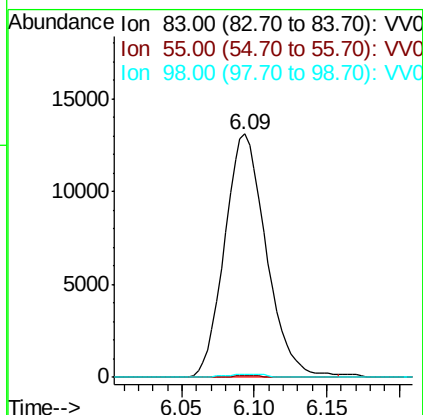
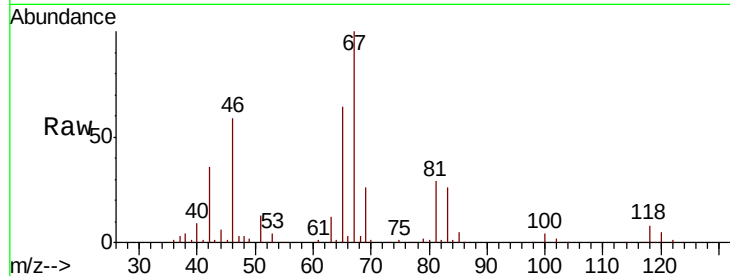




#35
Methylvlcyclohexane
Concen: 10.131 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019297.D
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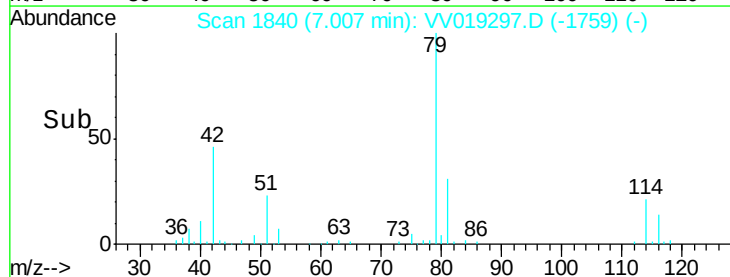
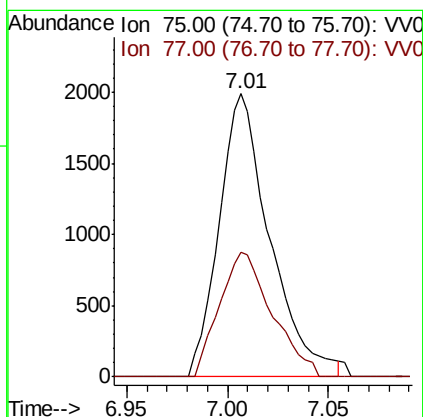
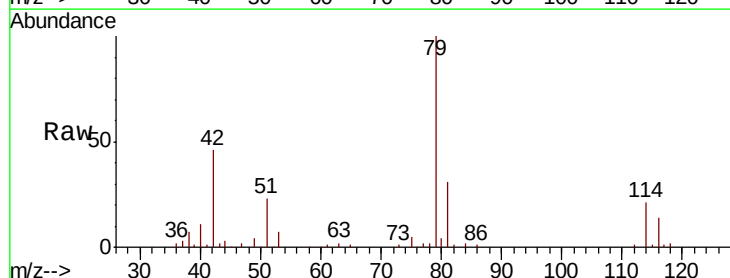
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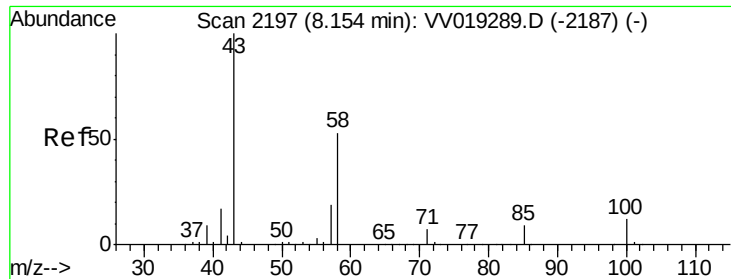
Tot Ion: 83 Resp: 26117
Ion Ratio Lower Upper
83 100
55 0.3 62.2 93.4#
98 1.0 39.4 59.2#



#39
cis-1,3-Dichloropropene
Concen: 1.217 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019297.D
Acq: 06 Nov 2020 14:59

Tgt Ion: 75 Resp: 3479
Ion Ratio Lower Upper
75 100
77 44.2 22.7 42.1#

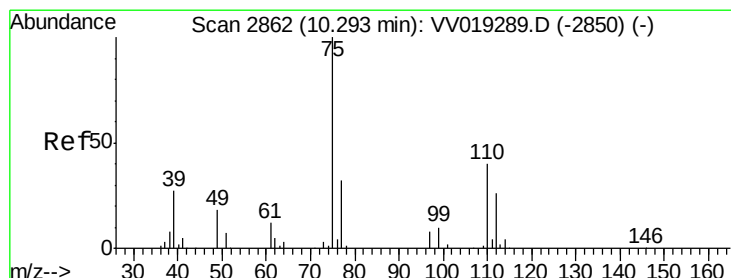
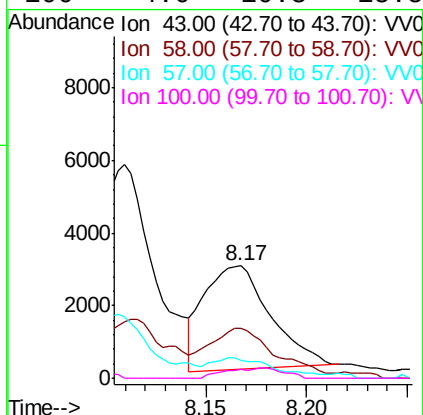
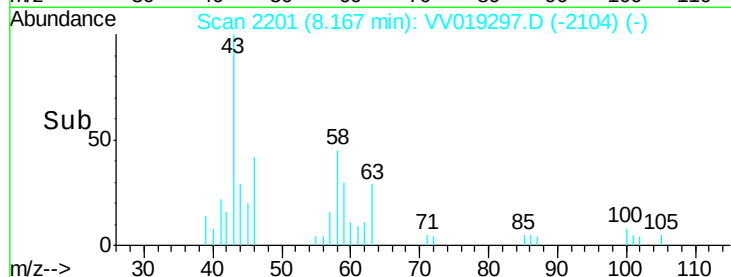
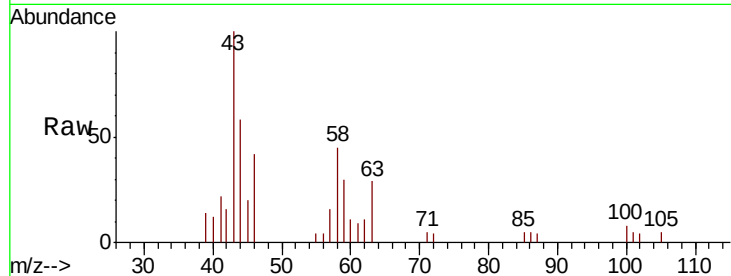




#48
2-Hexanone
Concen: 3.468 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV019297.D
Acq: 06 Nov 2020 14:59

Instrument :
MSVOA_V
ClientSampleId :
BG497

Tot Ion: 43 Resp: 6583
Ion Ratio Lower Upper
43 100
58 49.6 43.6 65.4
57 3.3 16.0 24.0#
100 4.0 10.3 15.5#



#59
1,2,3-Trichloropropane
Concen: 6.128 ug/L
RT: 11.27 min Scan# 3165
Delta R.T. 0.97 min
Lab File: VV019297.D
Acq: 06 Nov 2020 14:59

Tgt Ion: 75 Resp: 13868
Ion Ratio Lower Upper
75 100
77 39.6 26.2 39.4#

