

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121920\
 Data File : VV019748.D
 Acq On : 19 Dec 2020 19:24
 Operator : SY/MD
 Sample : L5131-01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H00

Quant Time: Dec 21 03:42:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 21 03:36:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	706691	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	657265	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	296434	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	243578	48.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.14%
7) Chloroethane-d5	1.57	69	193477	48.41	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.82%
11) 1,1-Dichloroethene-d2	2.11	63	355100	37.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.52%
21) 2-Butanone-d5	3.88	46	328712	119.34	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.34%
24) Chloroform-d	4.35	84	444254	48.64	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.28%
26) 1,2-Dichloroethane-d4	5.04	65	310440	52.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.02%
32) Benzene-d6	5.05	84	900197	51.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.70%
36) 1,2-Dichloropropane-d6	6.07	67	291240	53.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.08%
41) Toluene-d8	7.32	98	791781	50.17	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.34%
43) trans-1,3-Dichloropropene-	7.62	79	135944	43.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.04%
47) 2-Hexanone-d5	8.09	63	209821	97.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.36%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	350213	47.15	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.30%
64) 1,2-Dichlorobenzene-d4	11.63	152	287700	51.92	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.84%

Target Compounds

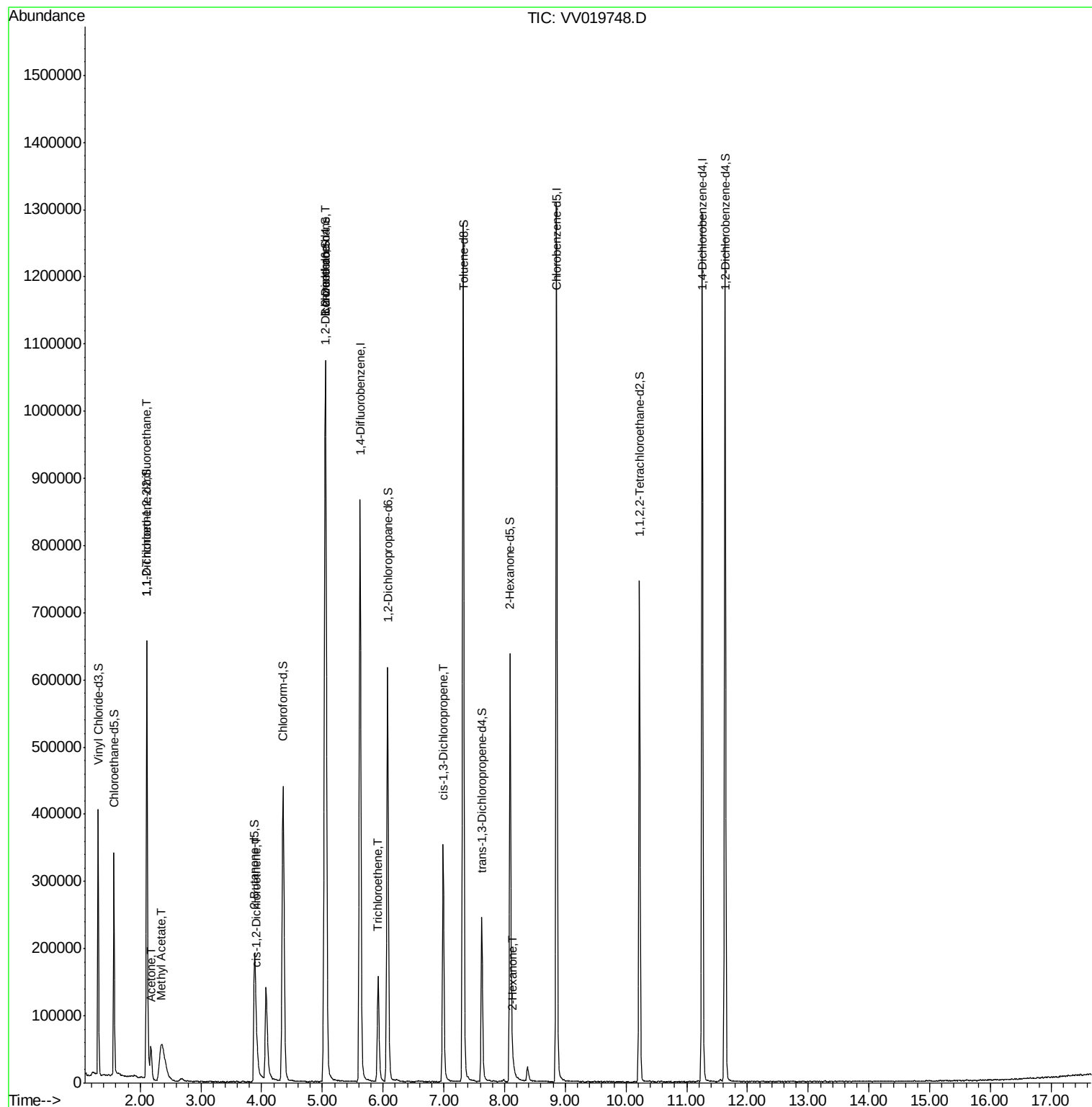
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	3190	0.778 ug/L #	22
13) Acetone	2.18	43	59940	25.545 ug/L	98
15) Methyl Acetate	2.34	43	15499	3.032 ug/L #	53
20) cis-1,2-Dichloroethene	3.92	96	8077	1.592 ug/L #	94
27) 1,2-Dichloroethane	5.05	62	5775	0.780 ug/L	98
34) Trichloroethene	5.92	95	51957	10.239 ug/L	99
39) cis-1,3-Dichloropropene	6.99	75	9473	1.137 ug/L #	75
48) 2-Hexanone	8.14	43	9716	1.769 ug/L #	82

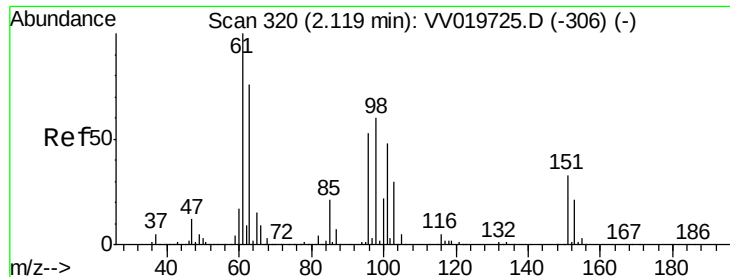
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.778 ug/L

RT: 2.11 min Scan# 317

Delta R.T. -0.01 min

Lab File: VV019748.D

Acq: 19 Dec 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

F4H00

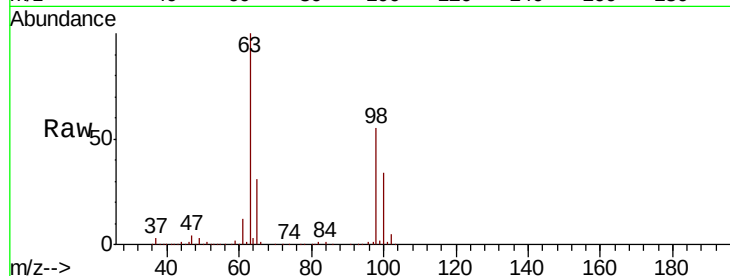
Tot Ion:101 Resp: 3190

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

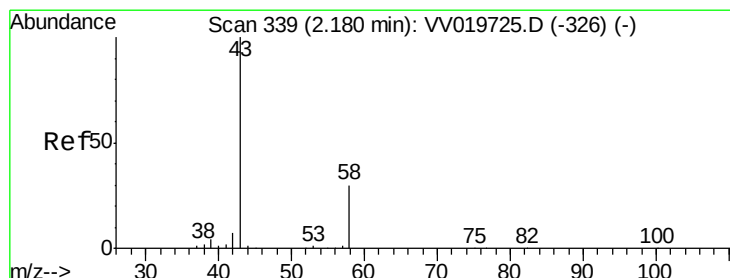
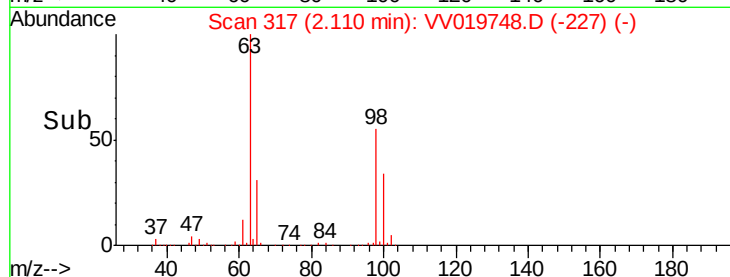
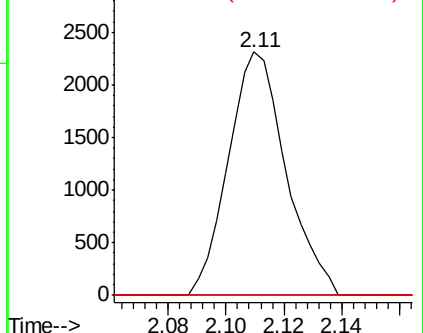
151 0.0 55.8 83.8#



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: 25.545 ug/L

RT: 2.18 min Scan# 338

Delta R.T. -0.00 min

Lab File: VV019748.D

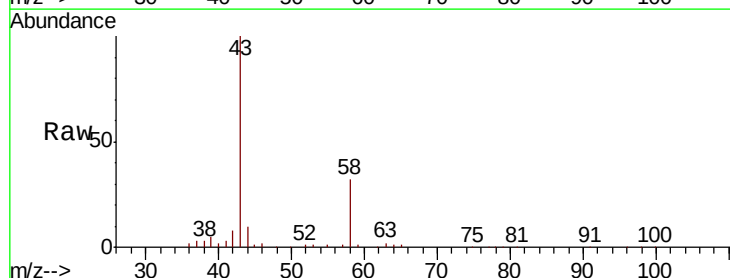
Acq: 19 Dec 2020 19:24

Tgt Ion: 43 Resp: 59940

Ion Ratio Lower Upper

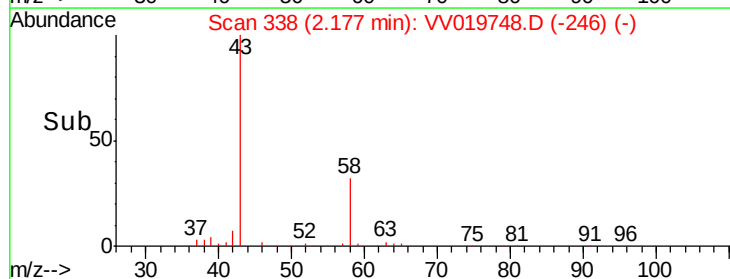
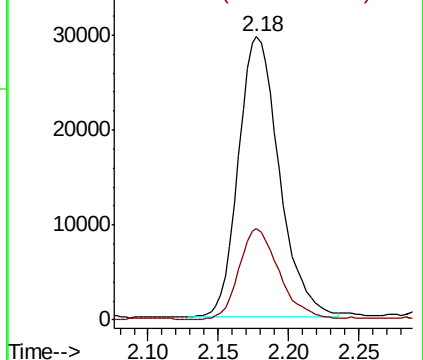
43 100

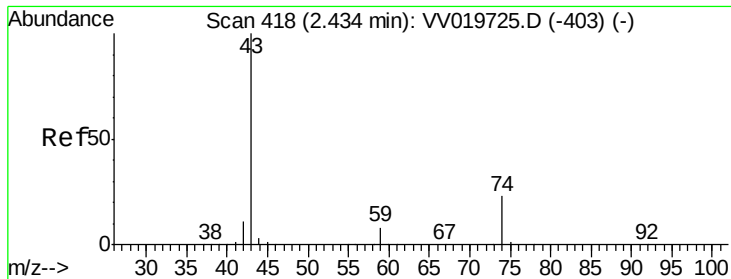
58 31.9 0.0 61.6



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

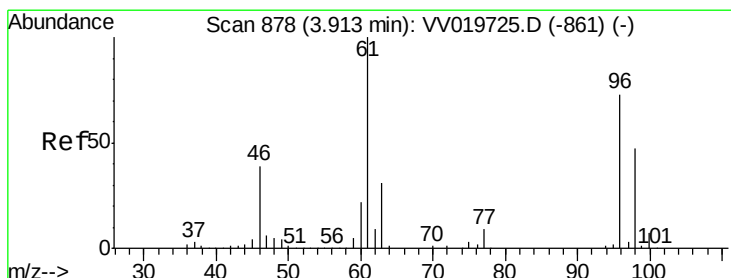
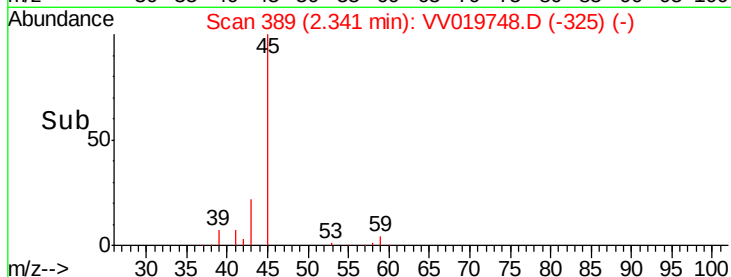
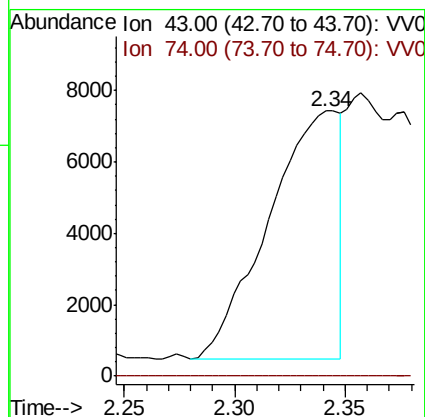
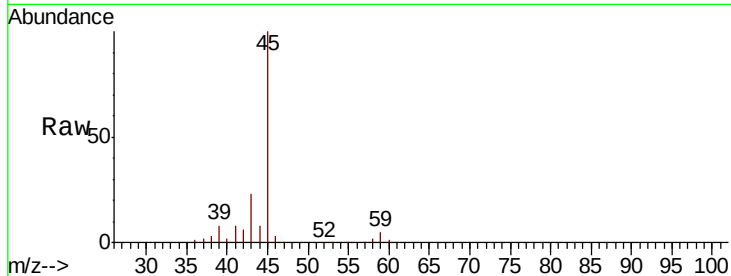




#15
Methvl Acetate
Concen: 3.032 ug/L
RT: 2.34 min Scan# 389
Delta R.T. -0.09 min
Lab File: VV019748.D
Acq: 19 Dec 2020 19:24

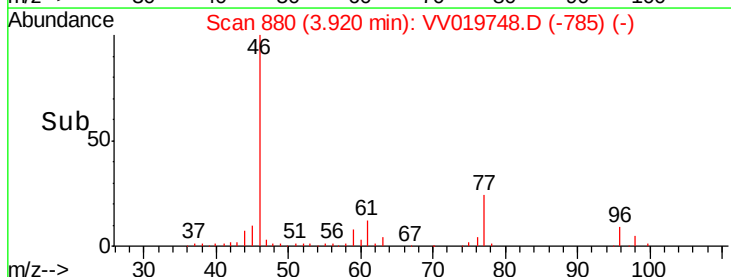
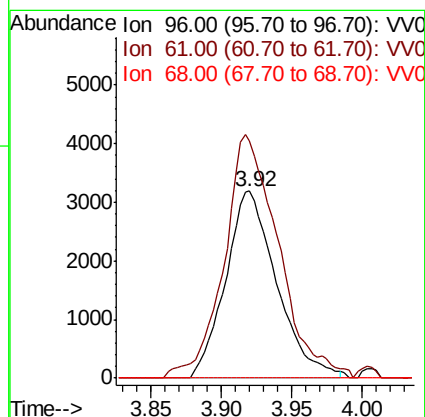
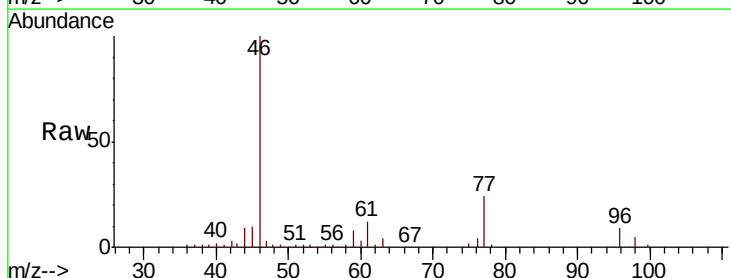
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MSVOA_V
ClientSampleId :
F4H00

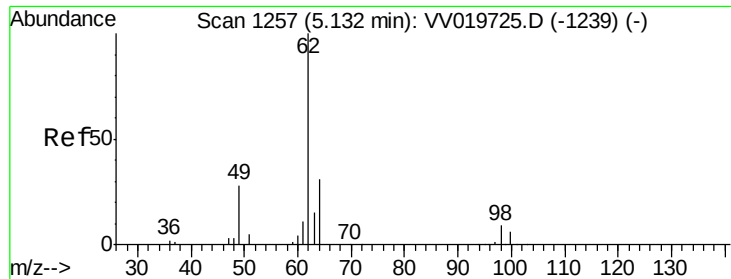
Tot Ion: 43 Resp: 15499
Ion Ratio Lower Upper
43 100
74 0.0 18.2 27.4#



#20
cis-1,2-Dichloroethene
Concen: 1.592 ug/L
RT: 3.92 min Scan# 880
Delta R.T. 0.01 min
Lab File: VV019748.D
Acq: 19 Dec 2020 19:24

Tgt Ion: 96 Resp: 8077
Ion Ratio Lower Upper
96 100
61 126.8 94.1 174.8
68 0.0 0.1 0.1#





#27

1,2-Dichloroethane

Concen: 0.780 ug/L

RT: 5.05 min Scan# 1232

Delta R.T. -0.08 min

Lab File: VV019748.D

Acq: 19 Dec 2020 19:24

Instrument :

MSVOA_V

ClientSampleId :

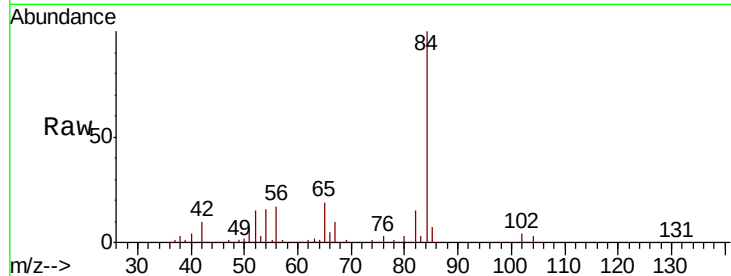
F4H00

Tot Ion: 62 Resp: 5775

Ion Ratio Lower Upper

62 100

98 8.7 7.4 11.0



Abundance Ion 62.00 (61.70 to 62.70): VV019725.D (-1239) (-)

Ion 98.00 (97.70 to 98.70): VV019725.D (-1239) (-)

5.05

2500

2000

1500

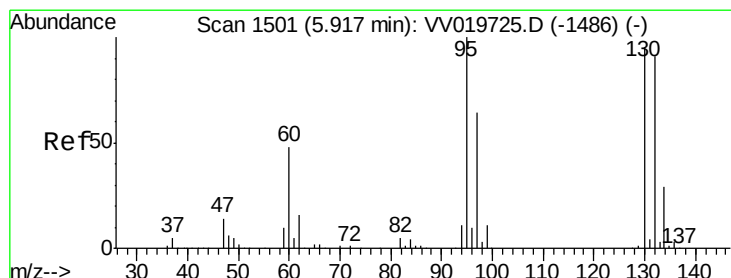
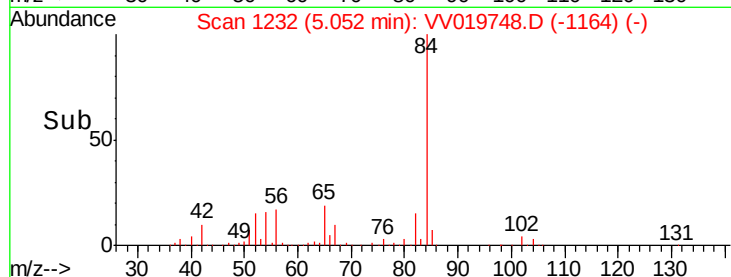
1000

500

0

Time-->

5.00 5.05 5.10



#34

Trichloroethene

Concen: 10.239 ug/L

RT: 5.92 min Scan# 1502

Delta R.T. 0.00 min

Lab File: VV019748.D

Acq: 19 Dec 2020 19:24

Tgt Ion: 95 Resp: 51957

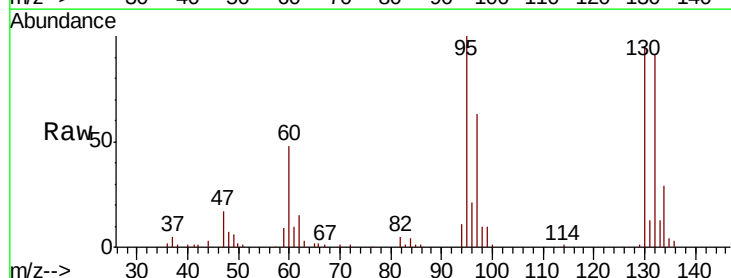
Ion Ratio Lower Upper

95 100

97 63.5 44.4 82.4

132 91.4 64.3 119.3

130 94.9 67.8 125.8



Abundance Ion 95.00 (94.70 to 95.70): VV019725.D (-1486) (-)

Ion 97.00 (96.70 to 97.70): VV019725.D (-1486) (-)

Ion 132.00 (131.70 to 132.70): VV019725.D (-1486) (-)

Ion 130.00 (129.70 to 130.70): VV019725.D (-1486) (-)

40000

30000

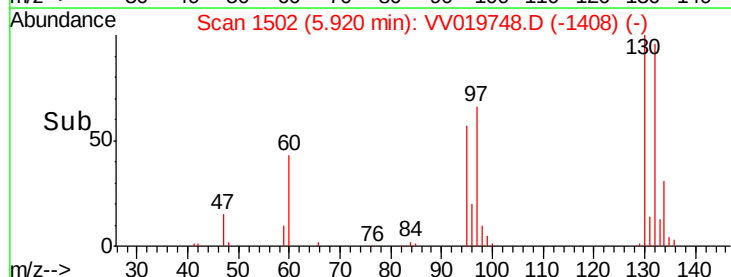
20000

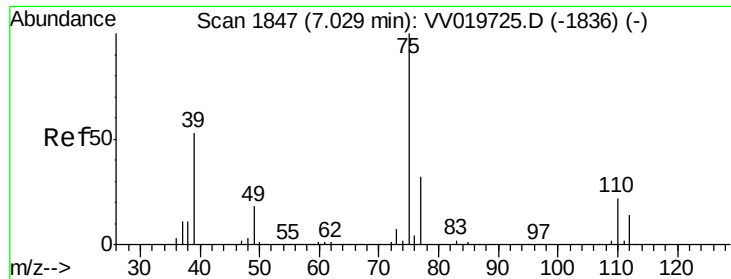
10000

0

Time-->

5.85 5.90 5.95 6.00



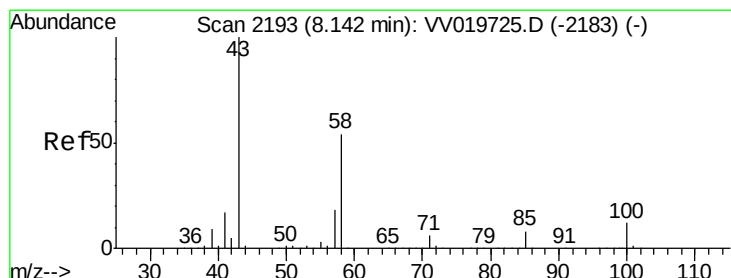
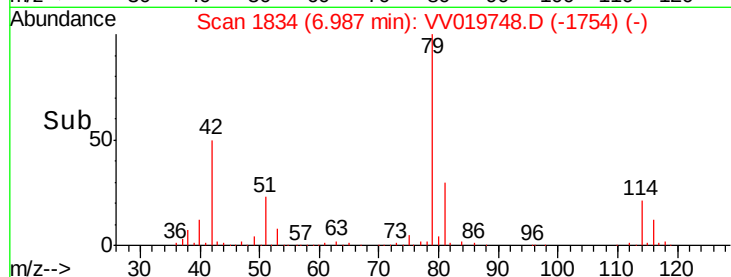
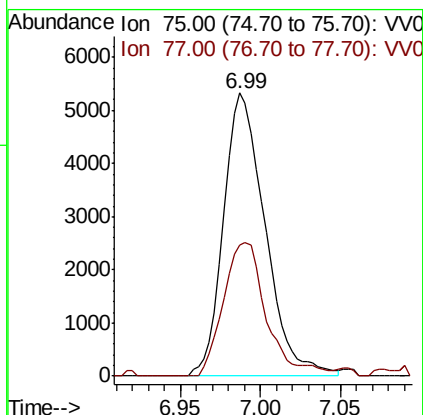
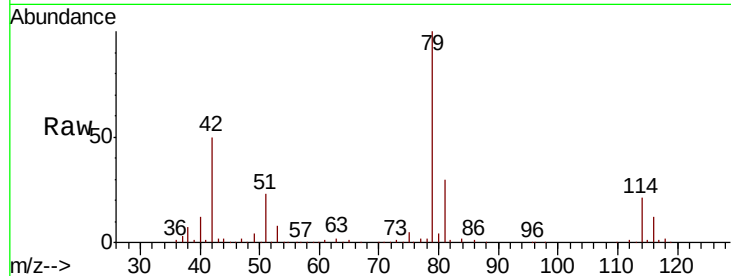


#39

cis-1,3-Dichloropropene
 Concen: 1.137 ug/L
 RT: 6.99 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: VV019748.D
 Acq: 19 Dec 2020 19:24

Instrument :
 MSVOA_V
 ClientSampleId :
 F4H00

Tot Ion: 75 Resp: 9473
 Ion Ratio Lower Upper
 75 100
 77 46.1 22.4 41.6#



#48

2-Hexanone
 Concen: 1.769 ug/L
 RT: 8.14 min Scan# 2194
 Delta R.T. 0.00 min
 Lab File: VV019748.D
 Acq: 19 Dec 2020 19:24

Tgt Ion: 43 Resp: 9716
 Ion Ratio Lower Upper
 43 100
 58 46.1 44.4 66.6
 57 5.3 15.7 23.5#
 100 5.1 9.9 14.9#

