

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102020\
 Data File : VV019032.D
 Acq On : 21 Oct 2020 00:17
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 21 08:05:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 21 07:57:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244385	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	254568	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	117234	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	67381	33.50	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.00%
7) Chloroethane-d5	1.58	69	72021	45.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.38%
11) 1,1-Dichloroethene-d2	2.12	63	117719	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.00%
21) 2-Butanone-d5	3.92	46	170577	121.65	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	121.65%
24) Chloroform-d	4.37	84	180418	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.84%
26) 1,2-Dichloroethane-d4	5.05	65	116230	48.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.90%
32) Benzene-d6	5.08	84	277969	37.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.80%
36) 1,2-Dichloropropane-d6	6.09	67	99688	41.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.90%
41) Toluene-d8	7.34	98	252128	37.82	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.64%#
43) trans-1,3-Dichloropropene-	7.64	79	46575	40.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.20%
47) 2-Hexanone-d5	8.11	63	77074	87.32	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.32%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	121527	43.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	112458	47.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.30%

Target Compounds

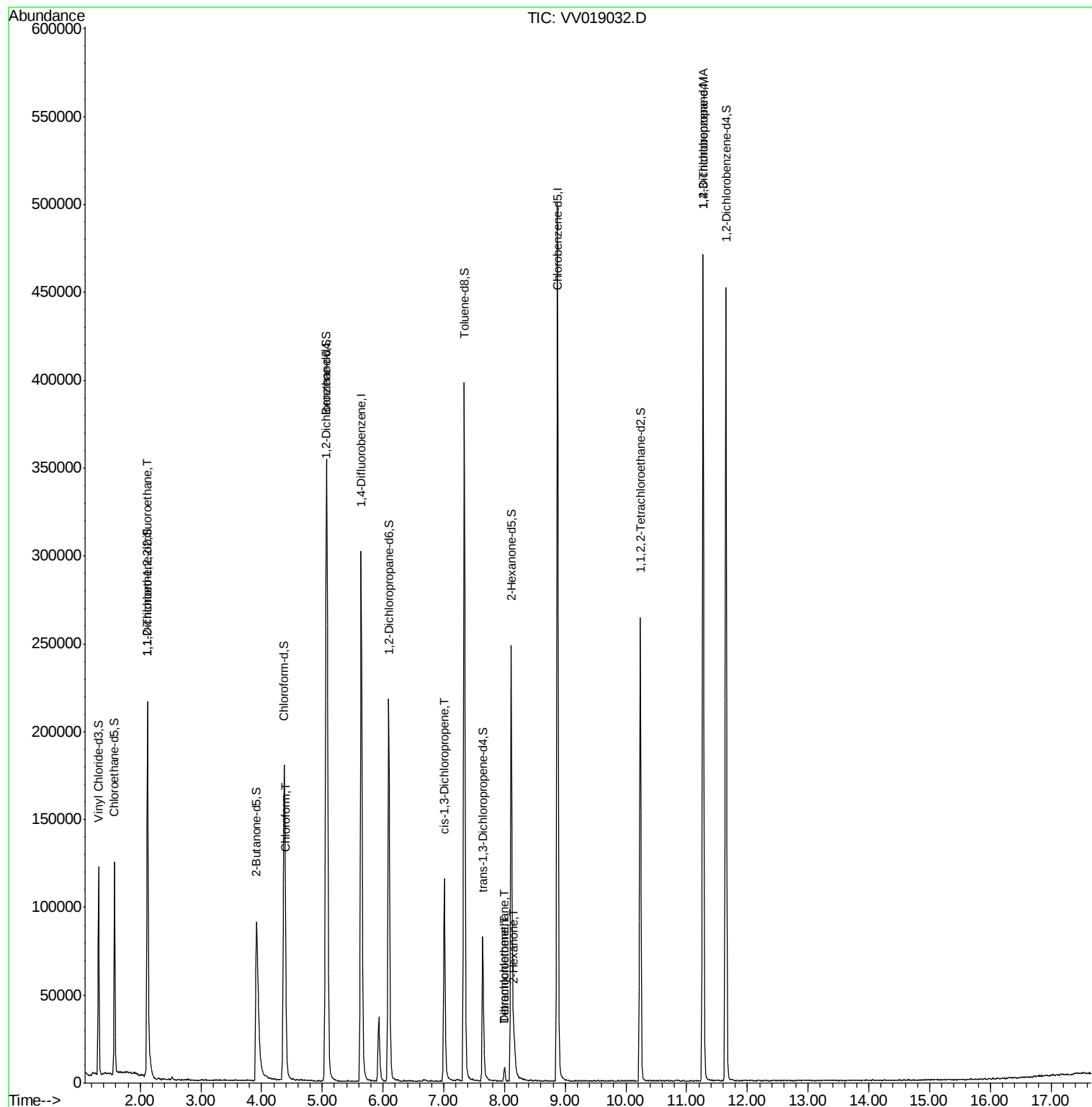
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1124	0.709 ug/L #	20
25) Chloroform	4.40	83	3922	1.124 ug/L	96
39) cis-1,3-Dichloropropene	7.01	75	3200	1.019 ug/L #	77
46) Tetrachloroethene	8.00	164	1739	1.097 ug/L	98
48) 2-Hexanone	8.16	43	12858	5.629 ug/L #	71
49) Dibromochloromethane	8.00	129	1657	0.805 ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	13517	5.345 ug/L #	85

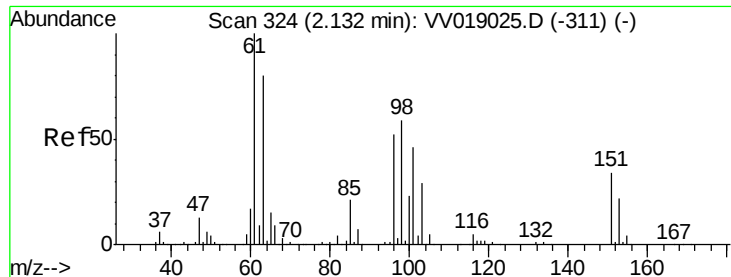
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 21 07:57:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.709 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV019032.D

Acq: 21 Oct 2020 00:17

Instrument :

MSVOA_V

ClientSampled :

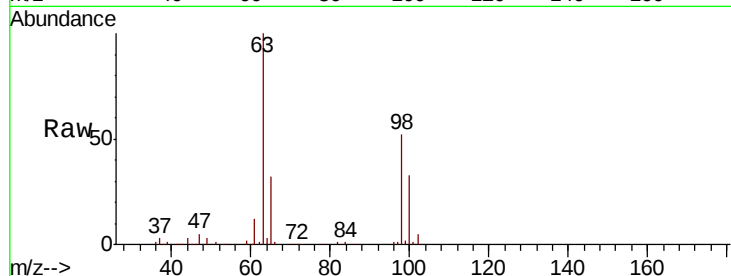
Tot Ion:101 Resp: 1124

Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#

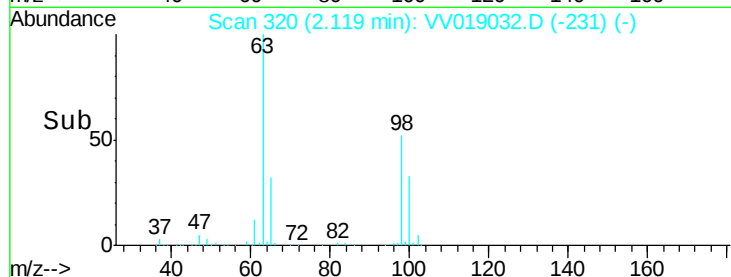


Abundance Ion 101.00 (100.70 to 101.70): VV019032.D (-937) (-)

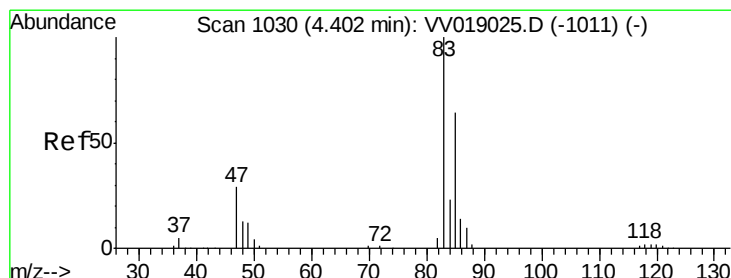
Ion 85.00 (84.70 to 85.70): VV019032.D (-937) (-)

Ion 151.00 (150.70 to 151.70): VV019032.D (-937) (-)

Time-->



Time-->



#25

Chloroform

Concen: 1.124 ug/L

RT: 4.40 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VV019032.D

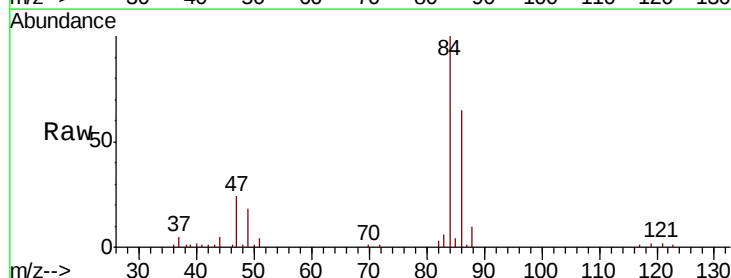
Acq: 21 Oct 2020 00:17

Tgt Ion: 83 Resp: 3922

Ion Ratio Lower Upper

83 100

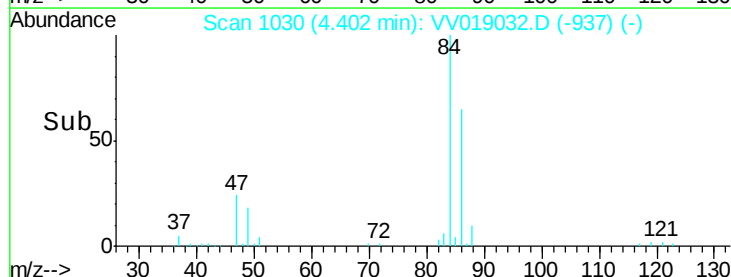
85 66.8 44.6 82.8



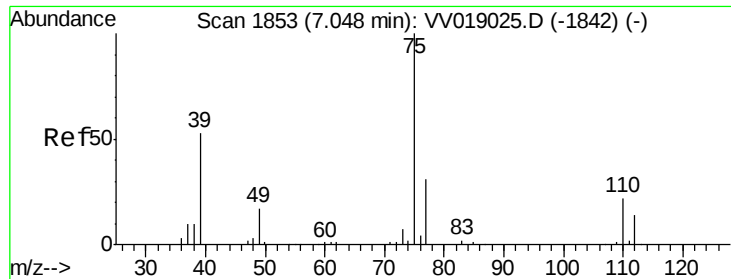
Abundance Ion 83.00 (82.70 to 83.70): VV019032.D (-937) (-)

Ion 85.00 (84.70 to 85.70): VV019032.D (-937) (-)

Time-->



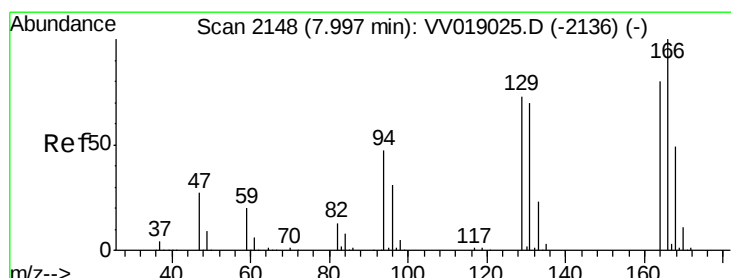
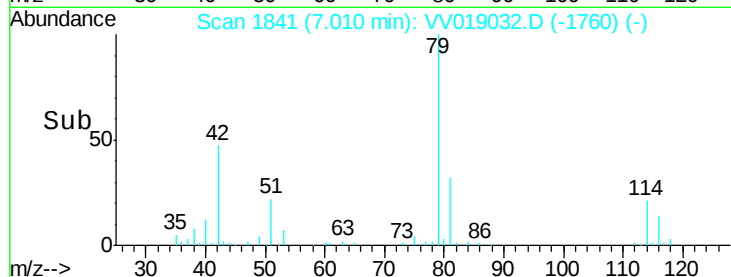
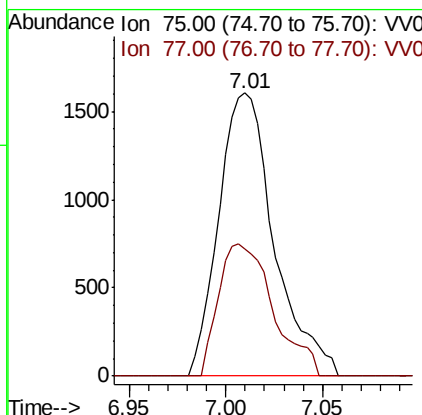
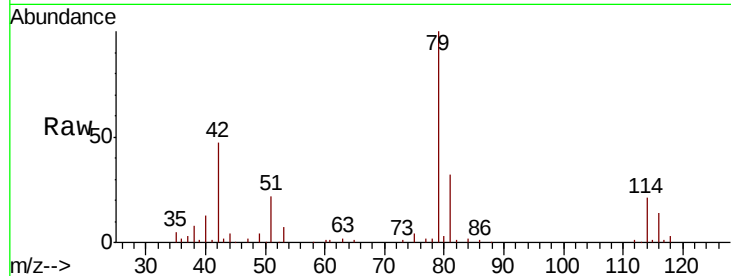
Time-->



#39
 cis-1,3-Dichloropropene
 Concen: 1.019 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019032.D
 Acq: 21 Oct 2020 00:17

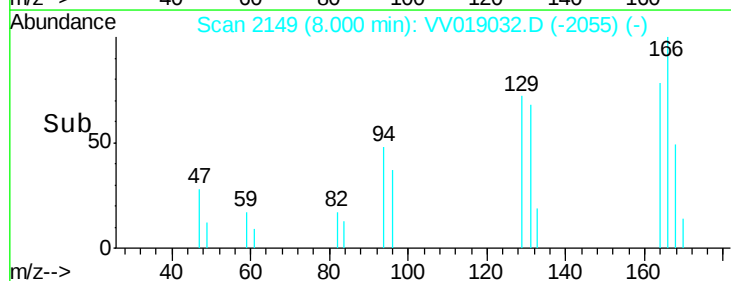
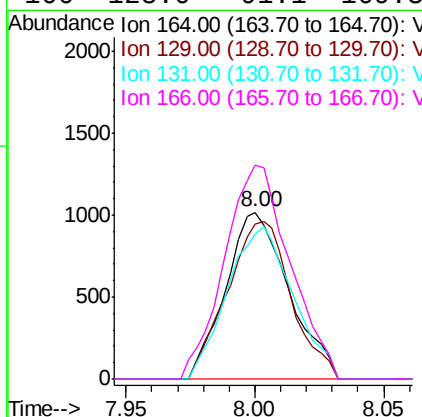
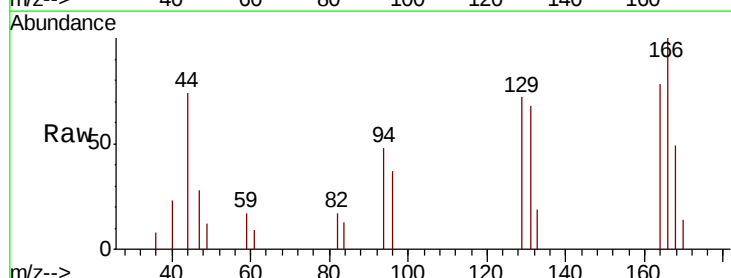
Instrument :
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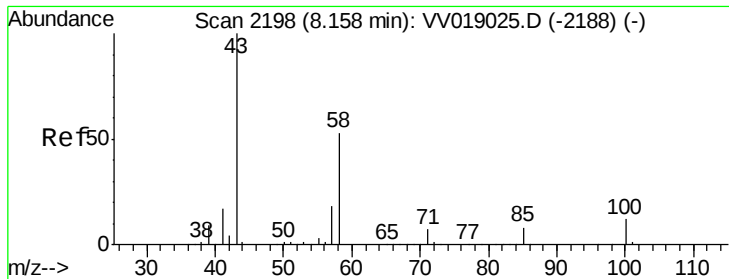
Tot Ion: 75 Resp: 3200
 Ion Ratio Lower Upper
 75 100
 77 45.1 22.5 41.9#



#46
 Tetrachloroethene
 Concen: 1.097 ug/L
 RT: 8.00 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: VV019032.D
 Acq: 21 Oct 2020 00:17

Tgt Ion: 164 Resp: 1739
 Ion Ratio Lower Upper
 164 100
 129 92.6 65.0 120.8
 131 86.6 62.9 116.7
 166 128.0 91.1 169.3

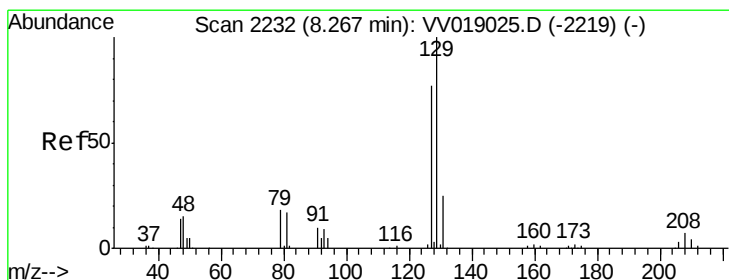
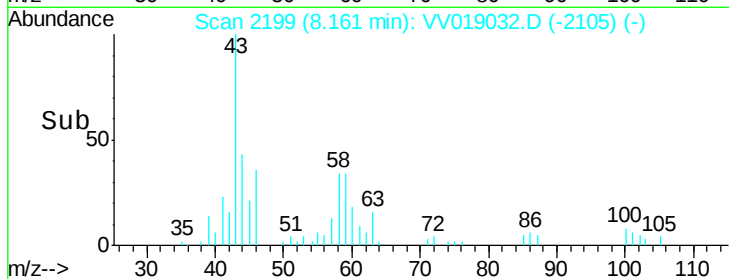
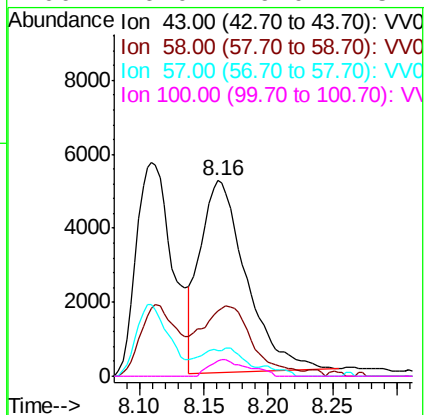
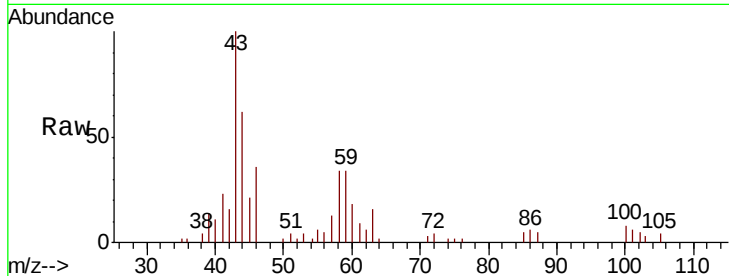




#48
2-Hexanone
Concen: 5.629 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV019032.D
Acq: 21 Oct 2020 00:17

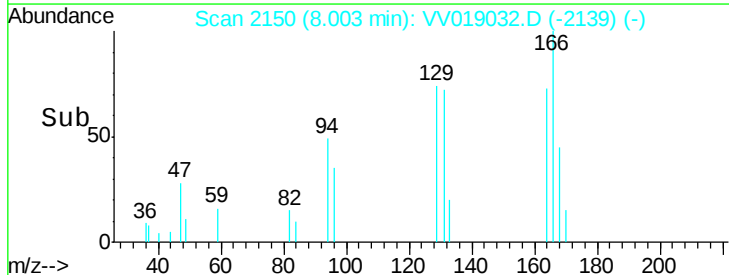
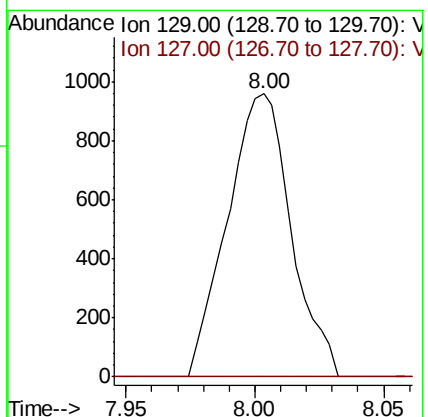
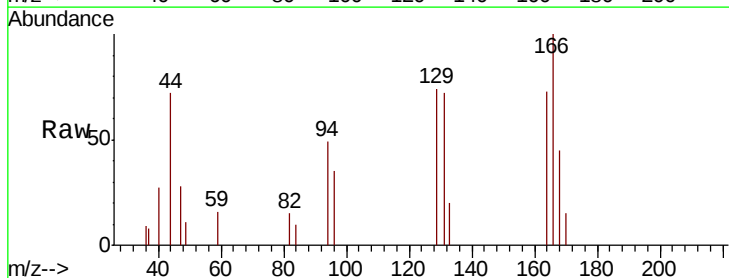
Instrument :
MSVOA_V
ClientSampleId :

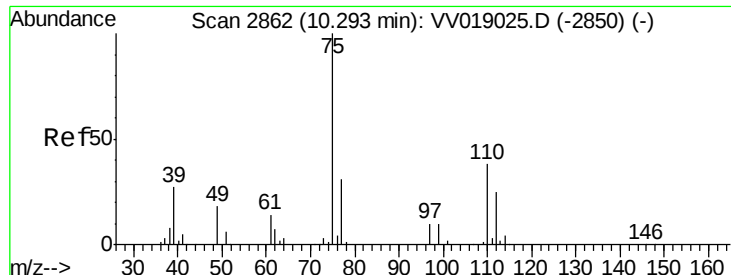
Tot Ion: 43 Resp: 12858
Ion Ratio Lower Upper
43 100
58 32.2 42.5 63.7#
57 1.1 14.5 21.7#
100 6.0 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.805 ug/L
RT: 8.00 min Scan# 2150
Delta R.T. -0.26 min
Lab File: VV019032.D
Acq: 21 Oct 2020 00:17

Tgt Ion: 129 Resp: 1657
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.345 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019032.D

Acq: 21 Oct 2020 00:17

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 75 Resp: 13517

Ion Ratio Lower Upper

75 100

77 40.4 25.4 38.2#

