

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017285.D
 Acq On : 01 Jul 2020 13:11
 Operator : SY/MD
 Sample : L3150-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ0

Quant Time: Jul 02 03:06:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 02 03:02:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	170887	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167669	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45138	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	40030	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.40%
11) 1,1-Dichloroethene-d2	2.13	63	70897	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.93	46	124620	47.67	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.34%
24) Chloroform-d	4.38	84	108513	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.06	65	60221	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.08	84	194872	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.10	67	58863	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.34	98	169410	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.64	79	22058	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
48) 2-Hexanone-d5	8.11	63	80853	39.12	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.24%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41982	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	70654	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

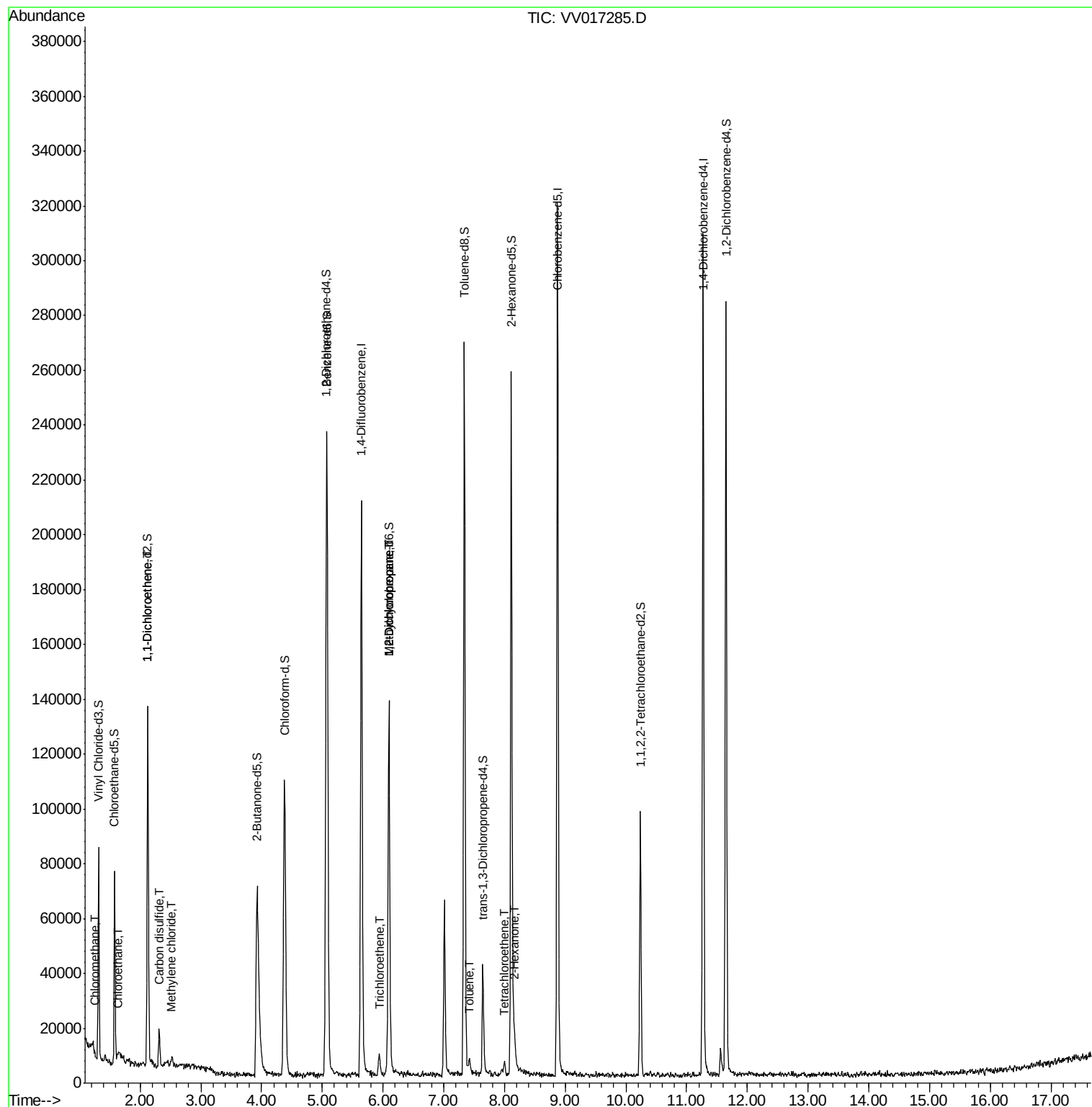
					Ovalue
3) Chloromethane	1.25	50	955	0.083 ug/L	95
8) Chloroethane	1.62	64	3963	0.639 ug/L #	42
12) 1,1-Dichloroethene	2.13	96	750	0.091 ug/L #	1
14) Carbon disulfide	2.31	76	15478	0.630 ug/L	96
16) Methylene chloride	2.52	84	1390	0.158 ug/L	93
34) Trichloroethene	5.94	95	1766	0.137 ug/L	98
35) Methylcyclohexane	6.10	83	16531	0.827 ug/L #	19
37) 1,2-Dichloropropane	6.10	63	8147	0.750 ug/L #	84
42) Toluene	7.42	91	3857	0.076 ug/L	94
49) Tetrachloroethene	8.00	164	1168	0.113 ug/L #	74
50) 2-Hexanone	8.17	43	5235	1.172 ug/L #	95

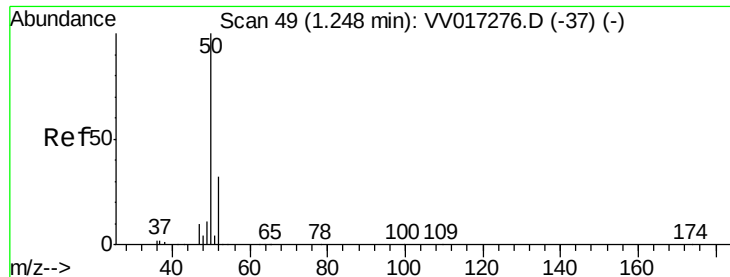
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jul 02 03:06:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.083 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV017285.D

Acq: 01 Jul 2020 13:11

Instrument :

MSVOA_V

ClientSampleId :

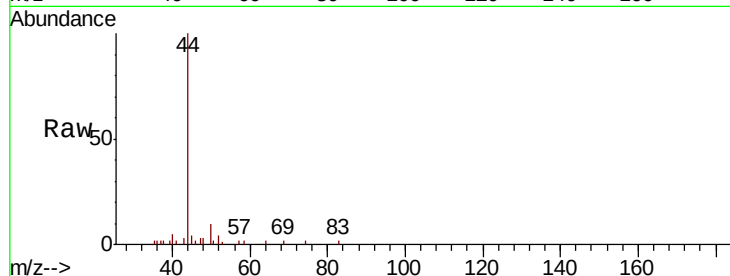
ETYJ0

Tot Ion: 50 Resp: 955

Ion Ratio Lower Upper

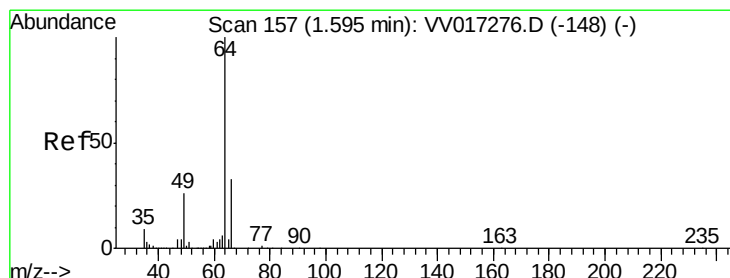
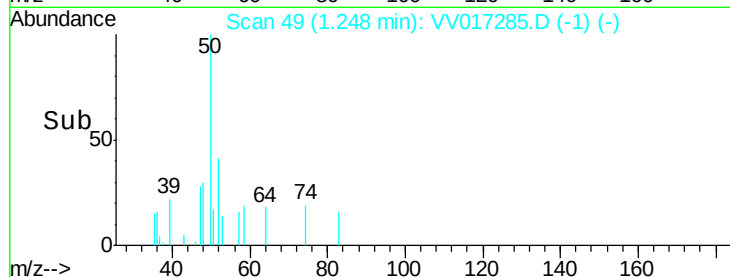
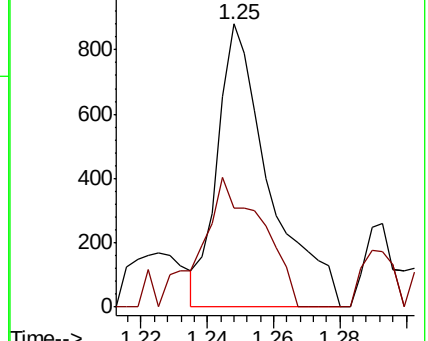
50 100

52 34.9 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV017285.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV017285.D (-1) (-)



#8

Chloroethane

Concen: 0.639 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.03 min

Lab File: VV017285.D

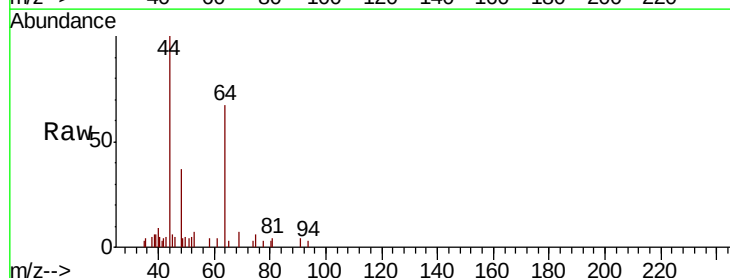
Acq: 01 Jul 2020 13:11

Tgt Ion: 64 Resp: 3963

Ion Ratio Lower Upper

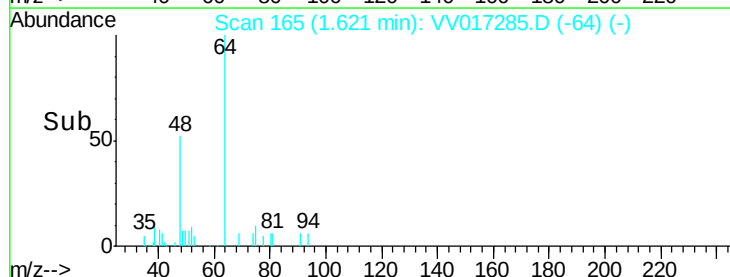
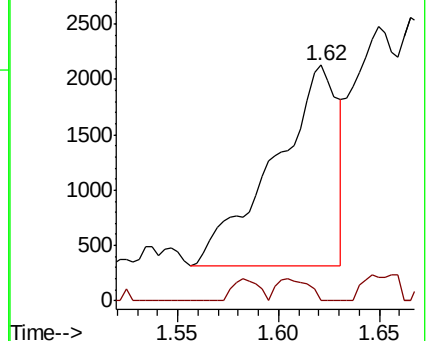
64 100

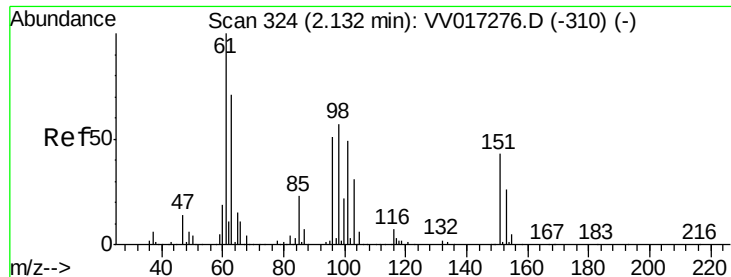
66 0.0 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV017285.D (-64) (-)

Ion 66.05 (65.75 to 66.75): VV017285.D (-64) (-)





#12

1,1-Dichloroethene

Concen: 0.091 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017285.D

Acq: 01 Jul 2020 13:11

Instrument :

MSVOA_V

ClientSampled :

ETYJ0

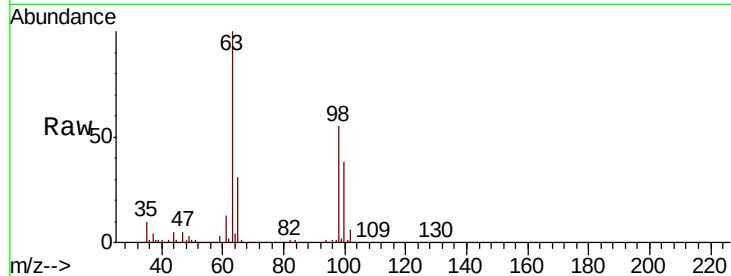
Tot Ion: 96 Resp: 750

Ion Ratio Lower Upper

96 100

61 1202.6 125.0 232.2#

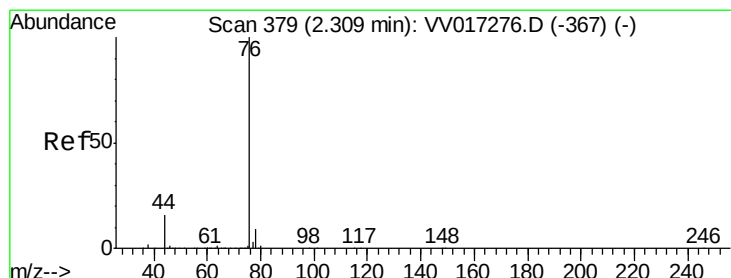
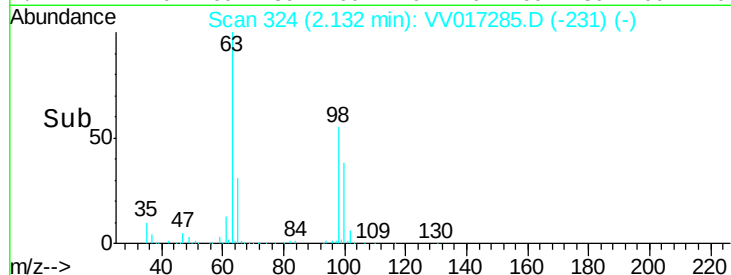
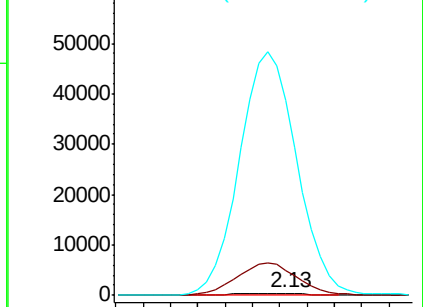
63 9236.4 109.8 203.8#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#14

Carbon disulfide

Concen: 0.630 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017285.D

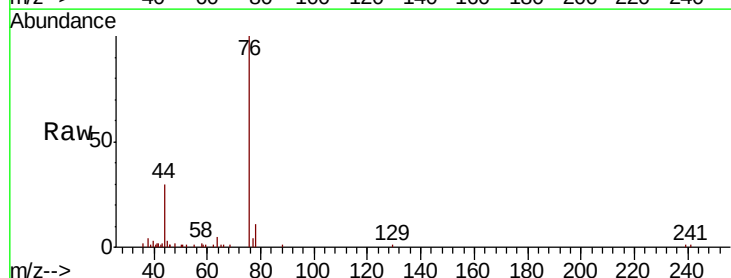
Acq: 01 Jul 2020 13:11

Tgt Ion: 76 Resp: 15478

Ion Ratio Lower Upper

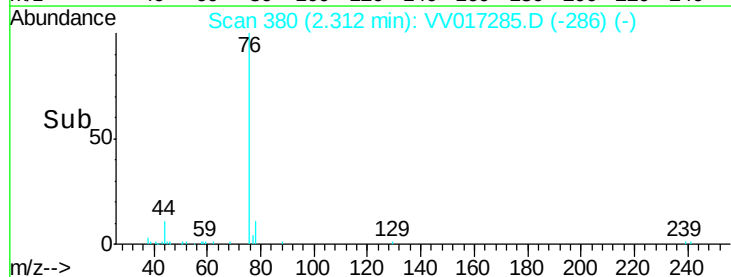
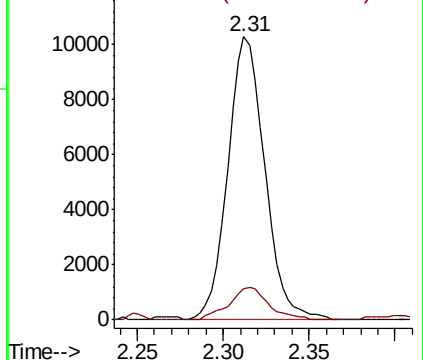
76 100

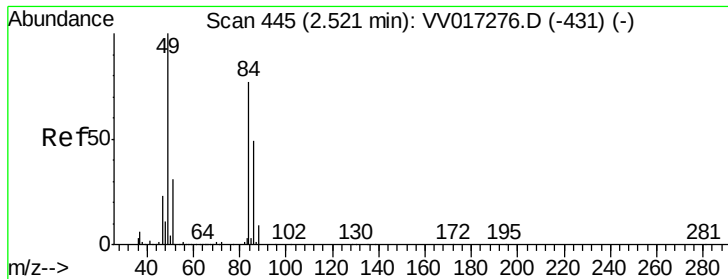
78 11.0 7.7 11.5



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

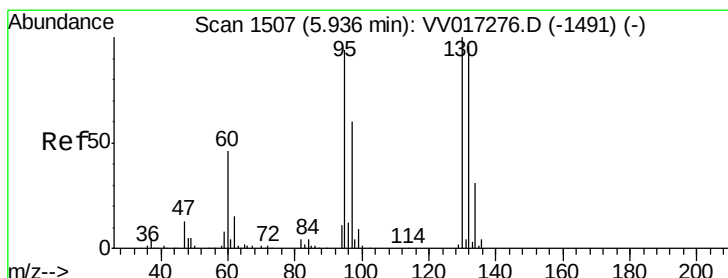
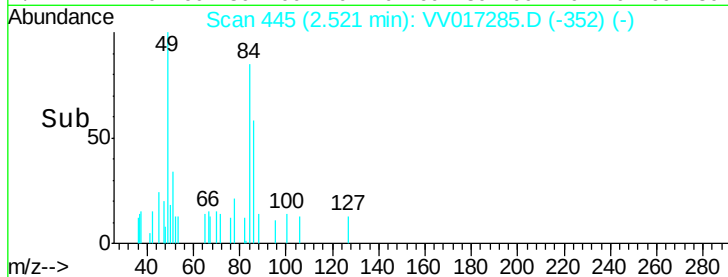
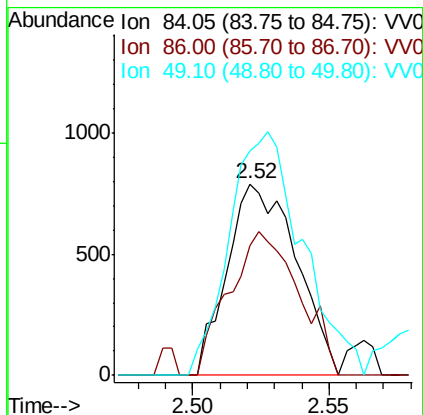
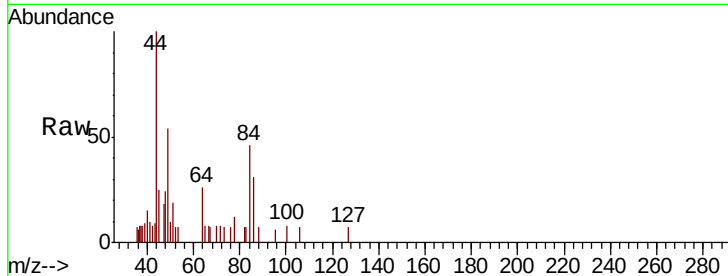




#16
Methvlene chloride
Concen: 0.158 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV017285.D
Acq: 01 Jul 2020 13:11

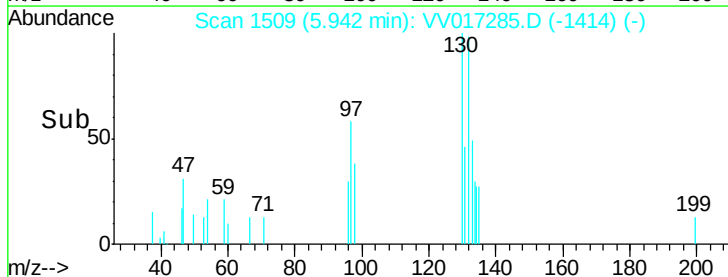
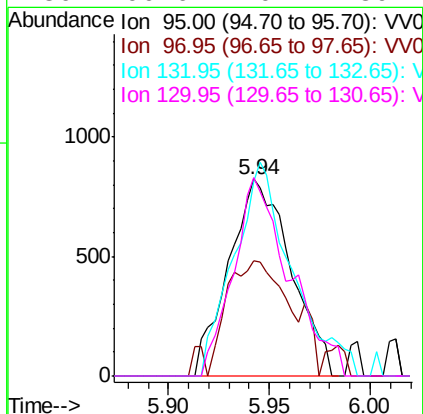
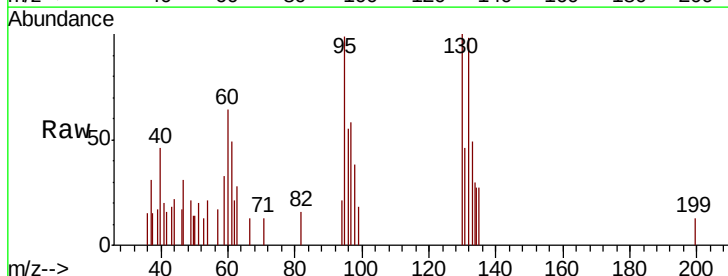
Instrument :
MSVOA_V
ClientSampled :
ETYJ0

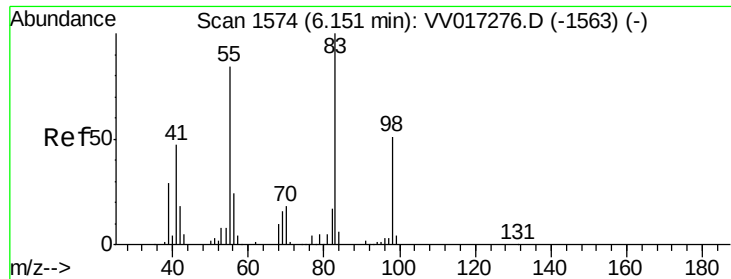
Tot Ion: 84 Resp: 1390
Ion Ratio Lower Upper
84 100
86 67.8 45.8 85.0
49 117.1 89.6 166.4



#34
Trichloroethene
Concen: 0.137 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017285.D
Acq: 01 Jul 2020 13:11

Tgt Ion: 95 Resp: 1766
Ion Ratio Lower Upper
95 100
97 58.4 45.3 84.1
132 98.5 68.8 127.8
130 100.6 70.2 130.4

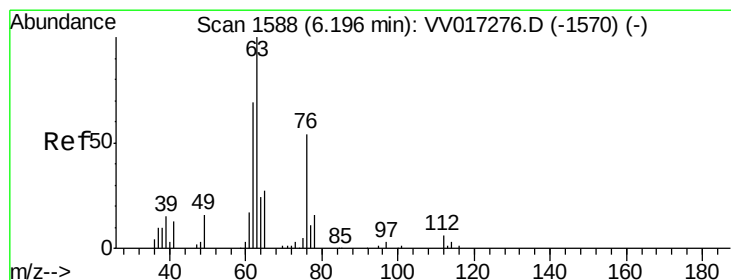
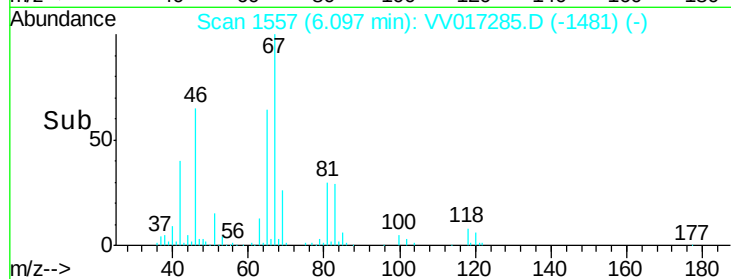
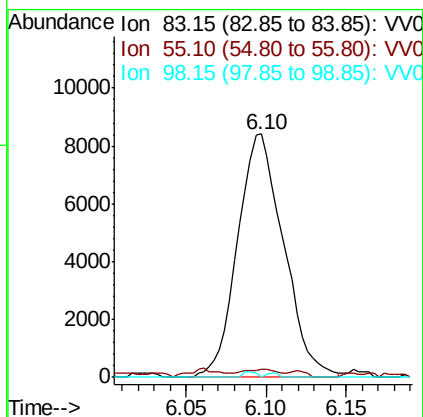
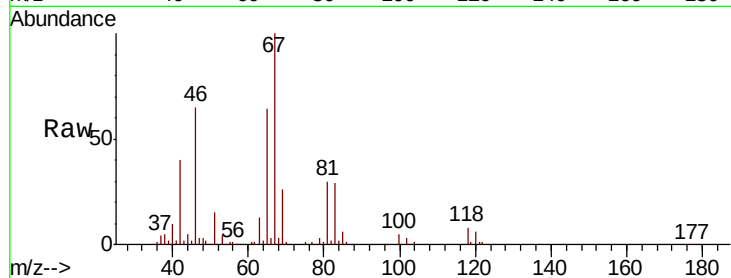




#35
Methvlcvclohexane
Concen: 0.827 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017285.D
Acq: 01 Jul 2020 13:11

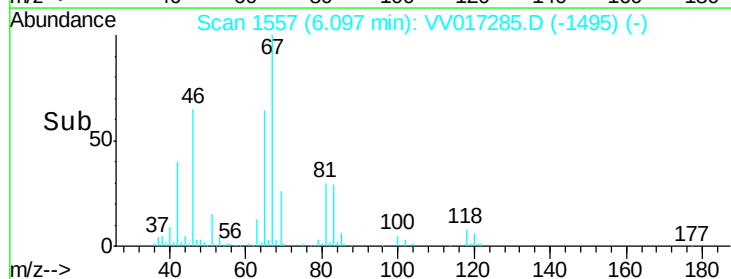
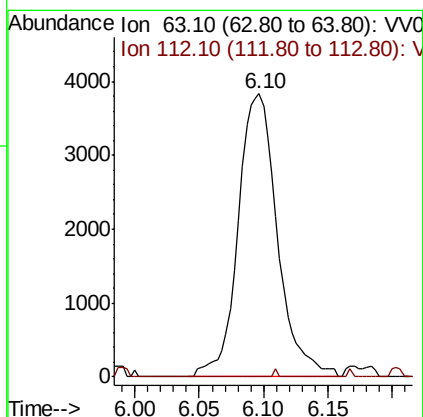
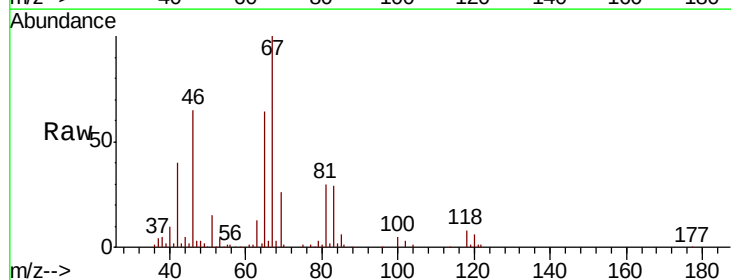
Instrument :
MSVOA_V
ClientSampled :
ETYJ0

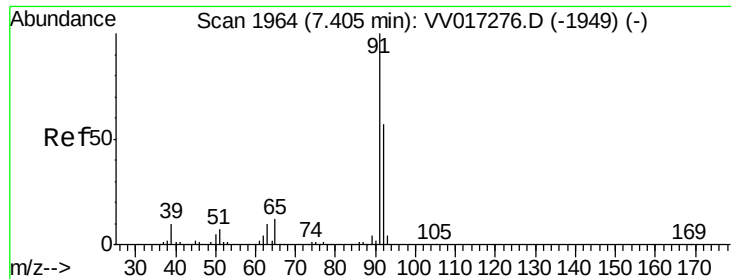
Tot Ion	83	Resp	16531
Ion Ratio	Lower	Upper	
83	100		
55	2.5	63.6	95.4#
98	0.5	38.8	58.2#



#37
1,2-Dichloropropane
Concen: 0.750 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017285.D
Acq: 01 Jul 2020 13:11

Tgt Ion	63	Resp	8147
Ion Ratio	Lower	Upper	
63	100		
112	0.2	4.4	6.6#





#42

Toluene

Concen: 0.076 ug/L

RT: 7.42 min Scan# 1969

Delta R.T. 0.02 min

Lab File: VV017285.D

Acq: 01 Jul 2020 13:11

Instrument :

MSVOA_V

ClientSampleId :

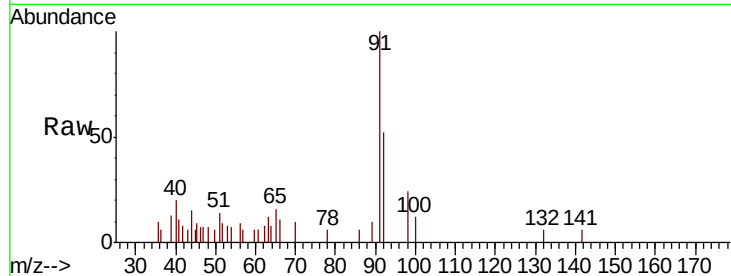
ETYJ0

Tot Ion: 91 Resp: 3857

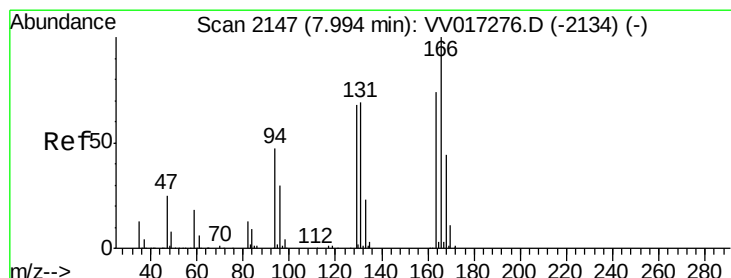
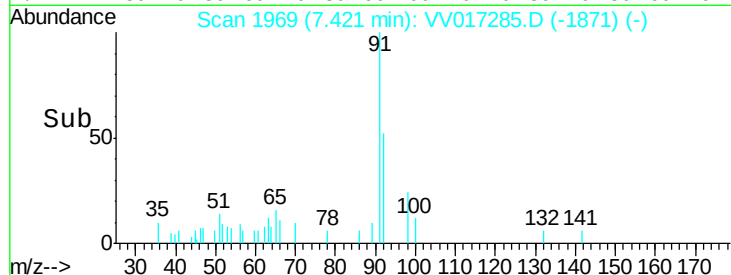
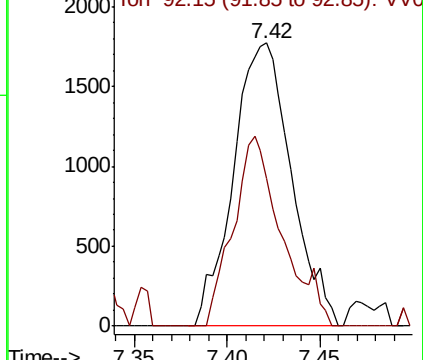
Ion Ratio Lower Upper

91 100

92 52.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV017276.D (-1949) (-)



#49

Tetrachloroethene

Concen: 0.113 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV017285.D

Acq: 01 Jul 2020 13:11

Tgt Ion: 164 Resp: 1168

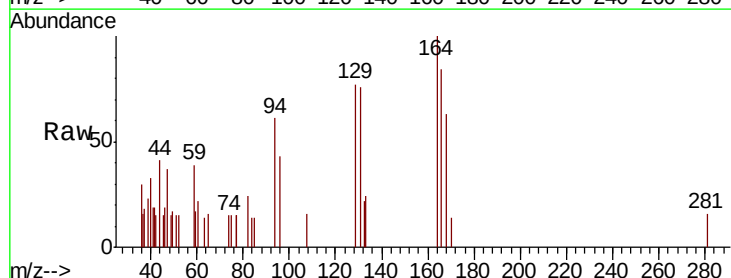
Ion Ratio Lower Upper

164 100

129 76.9 65.2 121.0

131 76.4 64.1 119.1

166 83.7 90.2 167.4#

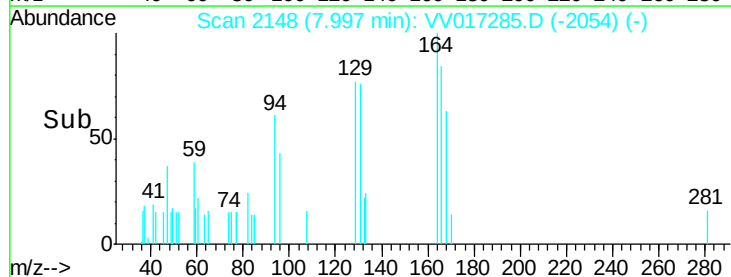
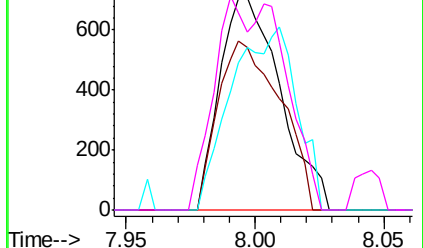


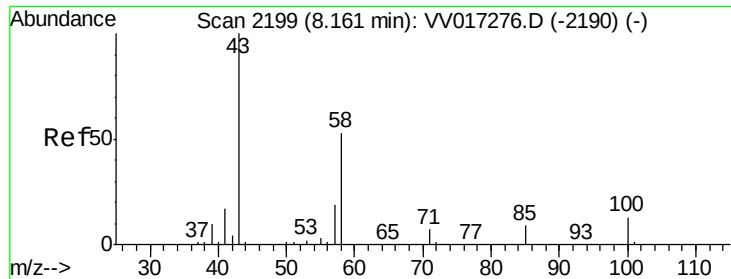
Abundance Ion 163.90 (163.60 to 164.60): VV017276.D (-2134) (-)

Ion 128.95 (128.65 to 129.65): VV017276.D (-2134) (-)

Ion 130.95 (130.65 to 131.65): VV017276.D (-2134) (-)

Ion 165.90 (165.60 to 166.60): VV017276.D (-2134) (-)

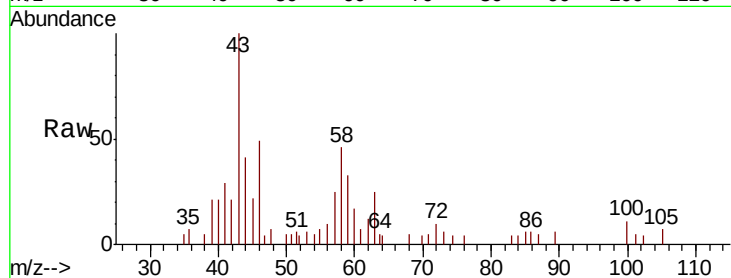




#50
 2-Hexanone
 Concen: 1.172 ug/L
 RT: 8.17 min Scan# 2201
 Delta R.T. 0.01 min
 Lab File: VV017285.D
 Acq: 01 Jul 2020 13:11

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ0

Tot Ion:	43	Resp:	5235
Ion	Ratio	Lower	Upper
43	100		
58	54.2	41.6	62.4
57	15.0	15.4	23.0#
100	10.5	10.1	15.1



Abundance Ion 43.05 (42.75 to 43.75): VV0
 Ion 58.05 (57.75 to 58.75): VV0
 Ion 57.20 (56.90 to 57.90): VV0
 Ion 100.15 (99.85 to 100.85): VV0

