

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017281.D
 Acq On : 01 Jul 2020 11:35
 Operator : SY/MD
 Sample : L3150-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYH6

Quant Time: Jul 02 03:05:29 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	167320	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	163375	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	76696	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44720	4.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.00%
7) Chloroethane-d5	1.58	69	39418	5.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.00%
11) 1,1-Dichloroethene-d2	2.13	63	70809	3.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.00%
20) 2-Butanone-d5	3.94	46	131794	51.49	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	4.38	84	110671	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.06	65	61633	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.20%
32) Benzene-d6	5.07	84	201252	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.10	67	60747	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.34	98	174089	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
45) trans-1,3-Dichloropropene-	7.64	79	21689	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.11	63	86387	42.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.80%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	42919	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	72794	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

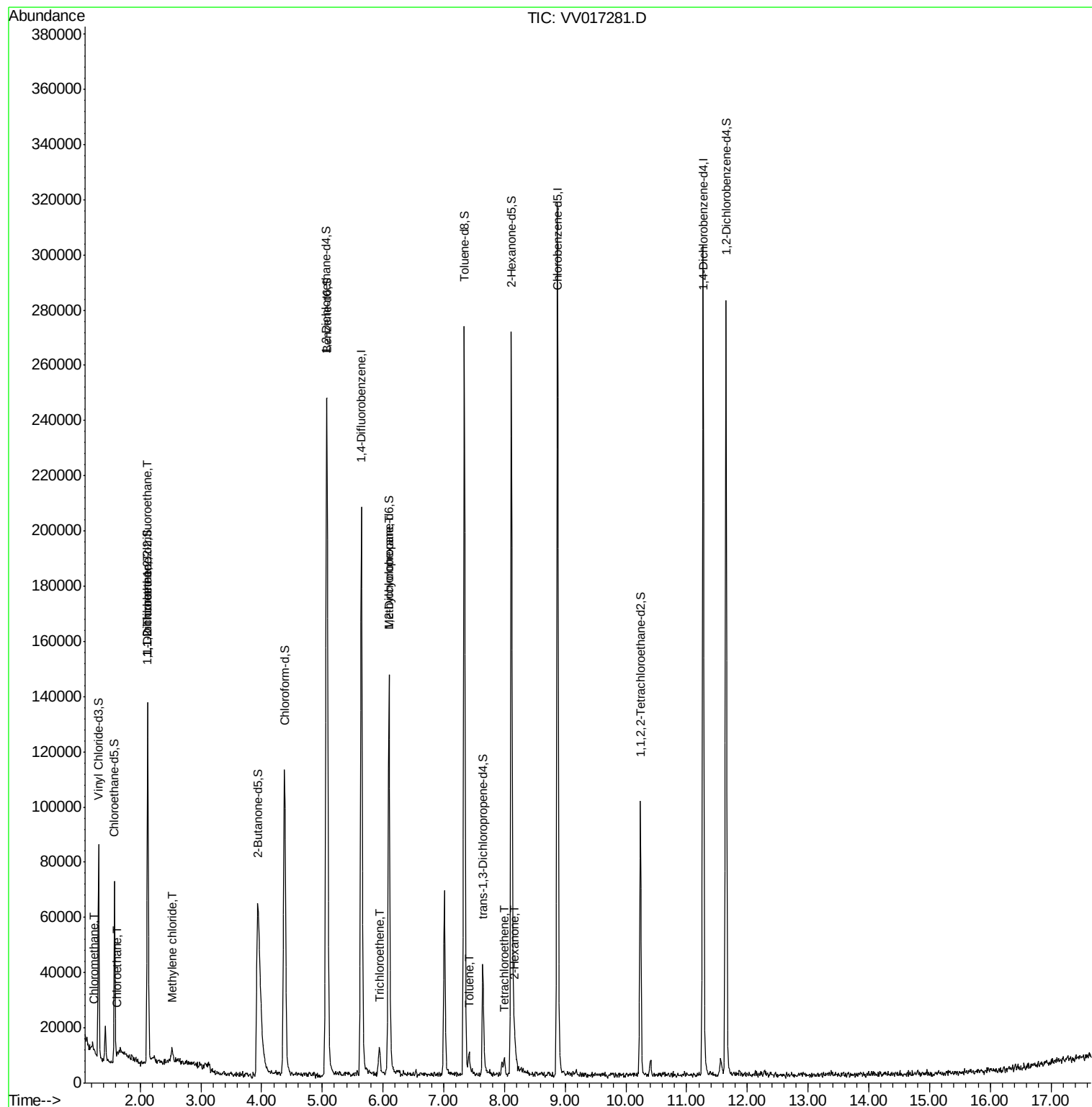
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1187	0.105	ug/L #	78
8) Chloroethane	1.63	64	4536	0.748	ug/L #	56
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	664	0.075	ug/L #	19
12) 1,1-Dichloroethene	2.11	96	789	0.098	ug/L #	1
16) Methylene chloride	2.53	84	1820	0.212	ug/L	74
34) Trichloroethene	5.94	95	2317	0.185	ug/L	93
35) Methylcyclohexane	6.10	83	16187	0.831	ug/L #	17
42) Toluene	7.42	91	5454	0.110	ug/L	96
49) Tetrachloroethene	8.00	164	1490	0.148	ug/L	79
50) 2-Hexanone	8.17	43	6105	1.403	ug/L #	51

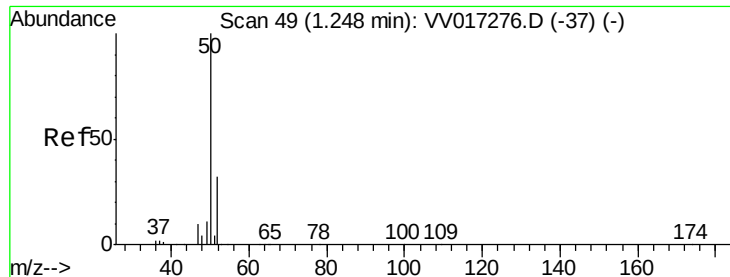
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 02 03:02:49 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.105 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017281.D

Acq: 01 Jul 2020 11:35

Instrument :

MSVOA_V

ClientSampled :

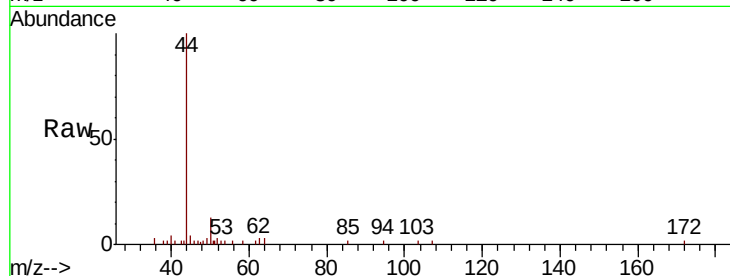
ET6H6

Tot Ion: 50 Resp: 1187

Ion Ratio Lower Upper

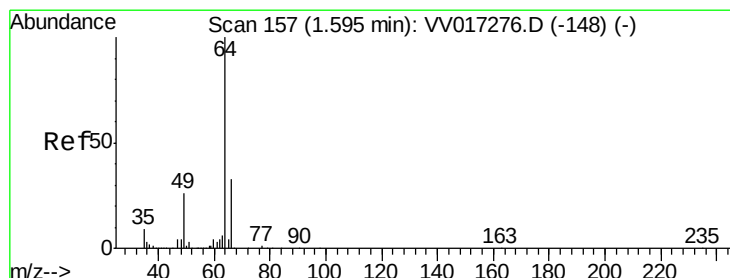
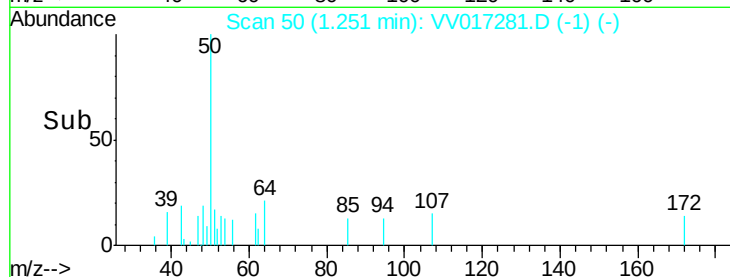
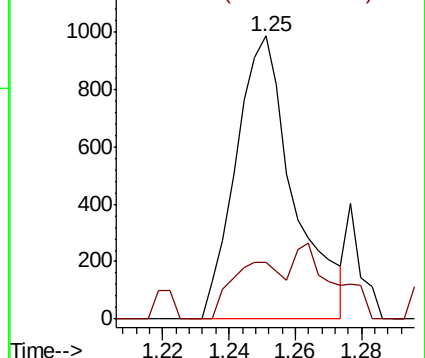
50 100

52 19.9 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.748 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.03 min

Lab File: VV017281.D

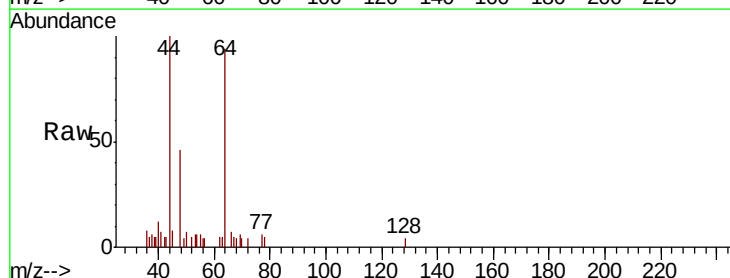
Acq: 01 Jul 2020 11:35

Tgt Ion: 64 Resp: 4536

Ion Ratio Lower Upper

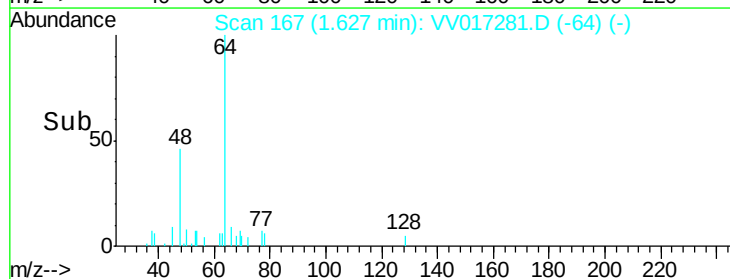
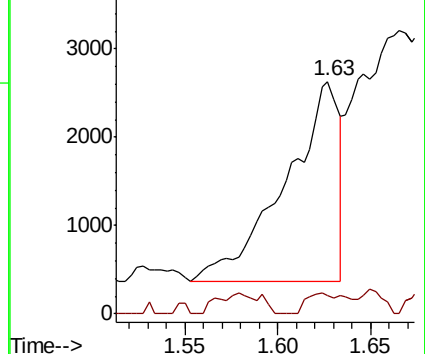
64 100

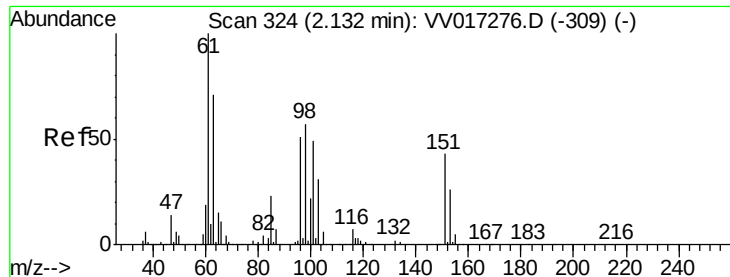
66 7.7 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.075 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV017281.D

Acq: 01 Jul 2020 11:35

Instrument :

MSVOA_V

ClientSampleId :

ETYH6

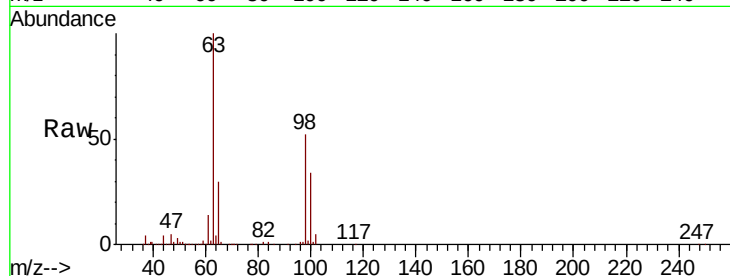
Tot Ion:101 Resp: 664

Ion Ratio Lower Upper

101 100

85 2.9 35.4 53.2#

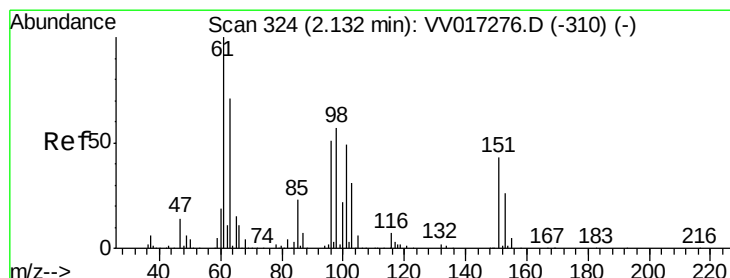
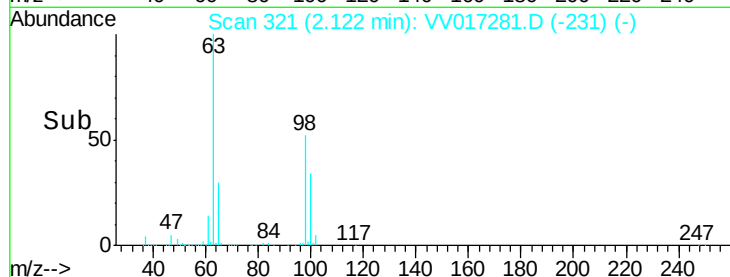
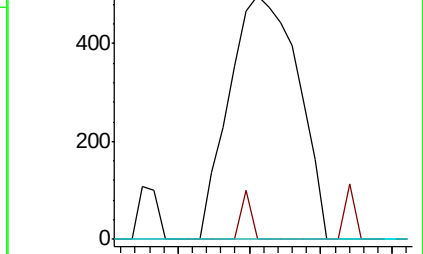
151 0.0 63.9 95.9#



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



#12

1,1-Dichloroethene

Concen: 0.098 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.02 min

Lab File: VV017281.D

Acq: 01 Jul 2020 11:35

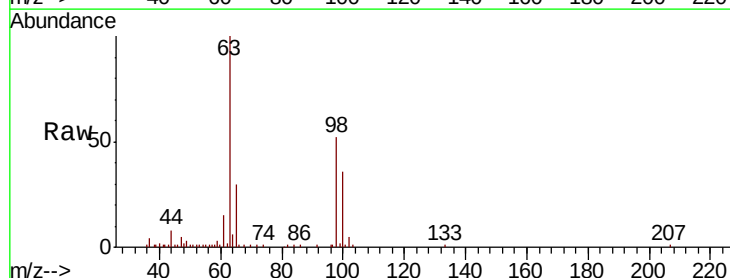
Tgt Ion: 96 Resp: 789

Ion Ratio Lower Upper

96 100

61 765.9 125.0 232.2#

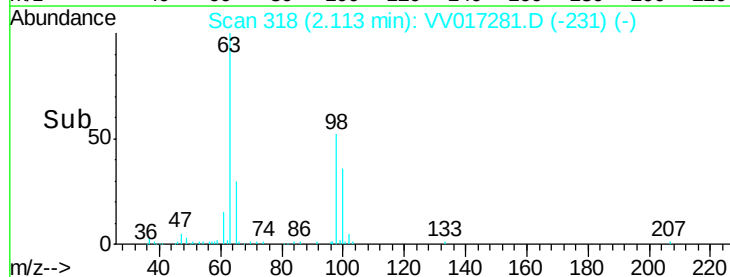
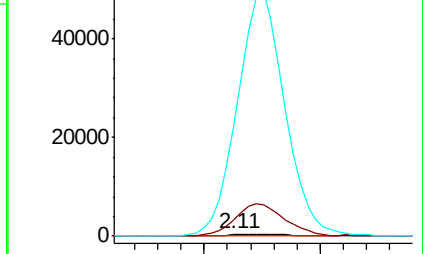
63 5152.0 109.8 203.8#

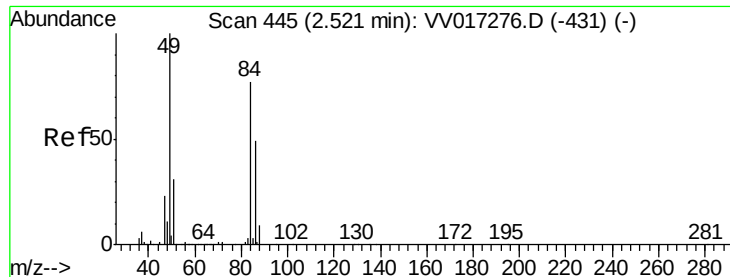


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

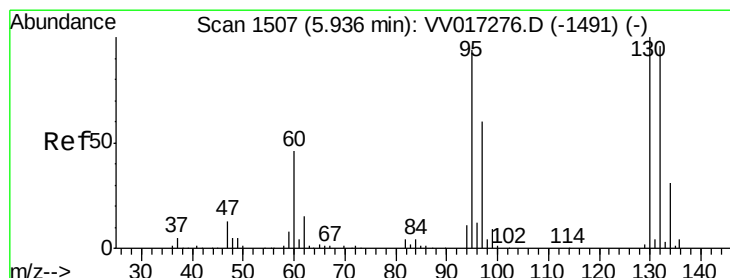
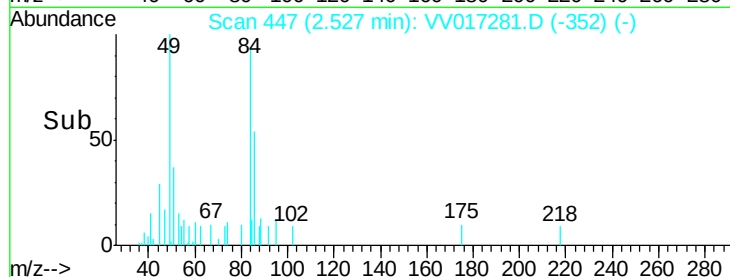
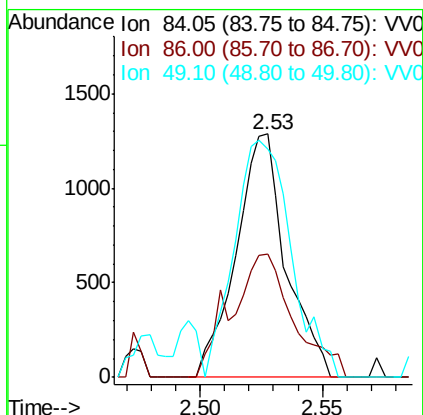
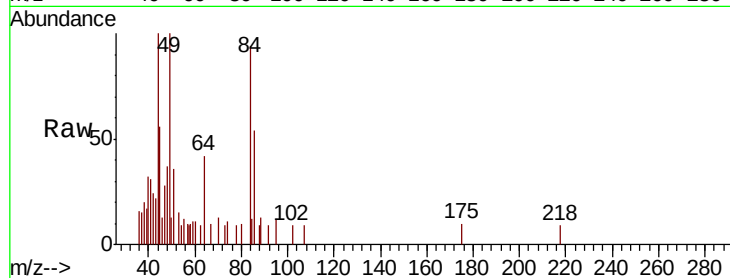




#16
Methvlene chloride
Concen: 0.212 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017281.D
Acq: 01 Jul 2020 11:35

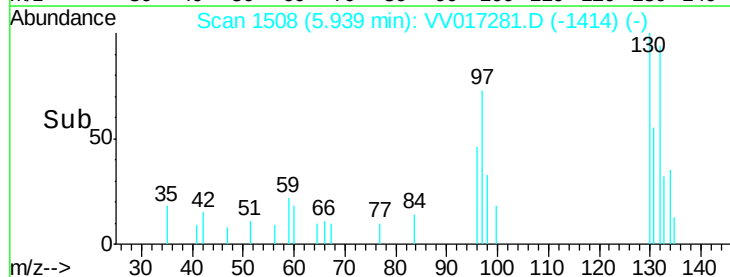
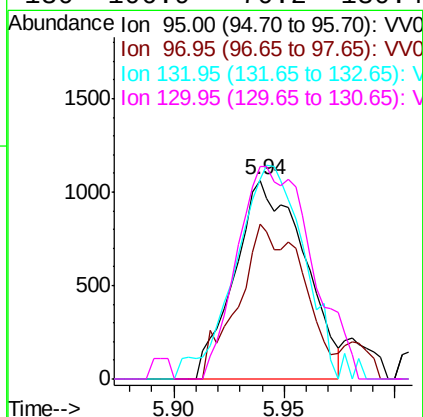
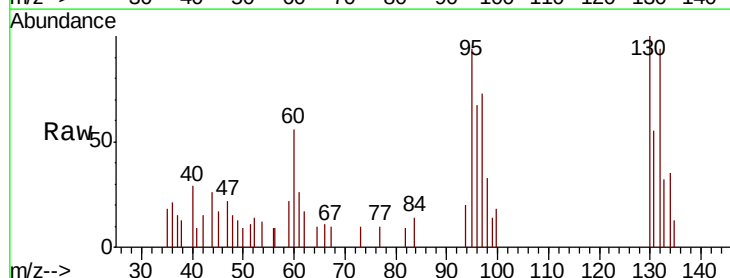
Instrument :
MSVOA_V
ClientSampleId :
ETYH6

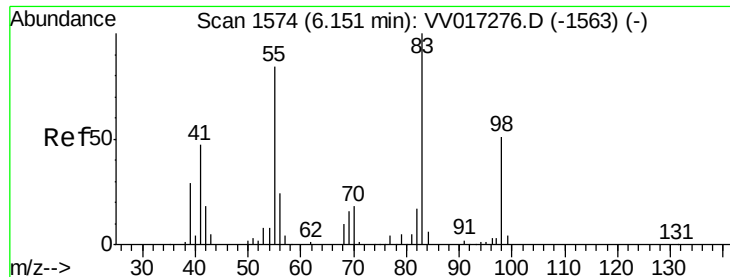
Tot Ion: 84 Resp: 1820
Ion Ratio Lower Upper
84 100
86 50.6 45.8 85.0
49 93.6 89.6 166.4



#34
Trichloroethene
Concen: 0.185 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017281.D
Acq: 01 Jul 2020 11:35

Tgt Ion: 95 Resp: 2317
Ion Ratio Lower Upper
95 100
97 77.8 45.3 84.1
132 100.1 68.8 127.8
130 106.9 70.2 130.4

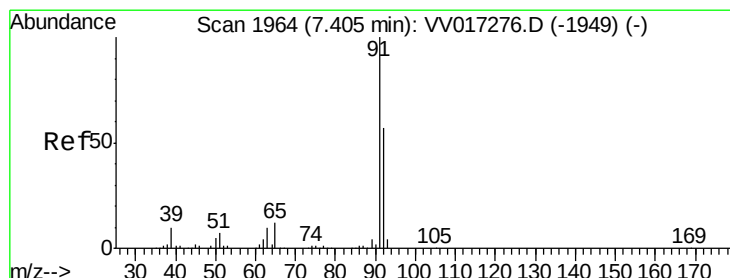
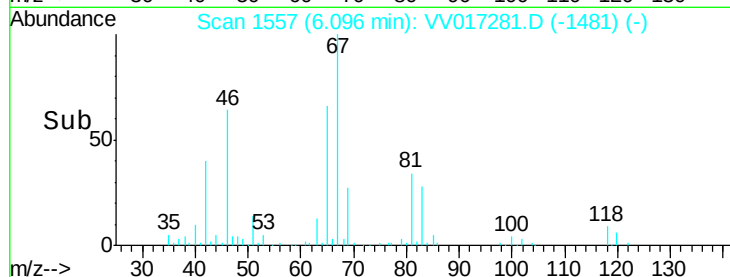
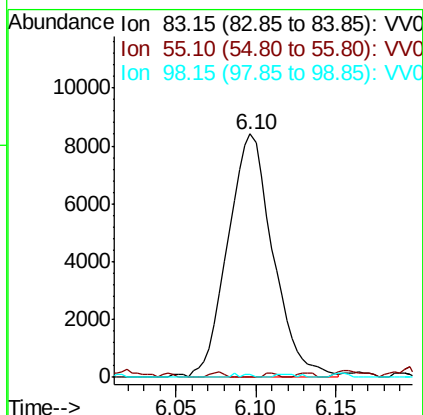
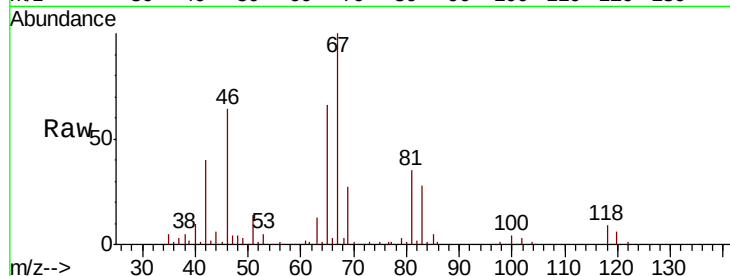




#35
Methylvlcyclohexane
Concen: 0.831 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017281.D
Acq: 01 Jul 2020 11:35

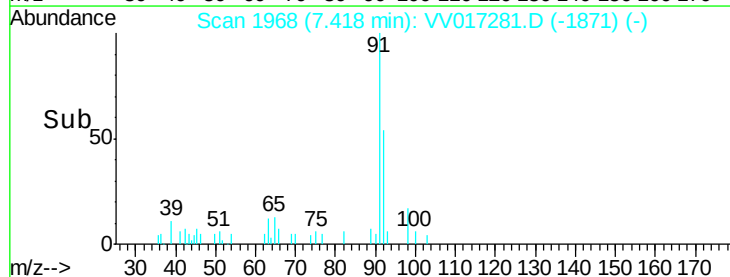
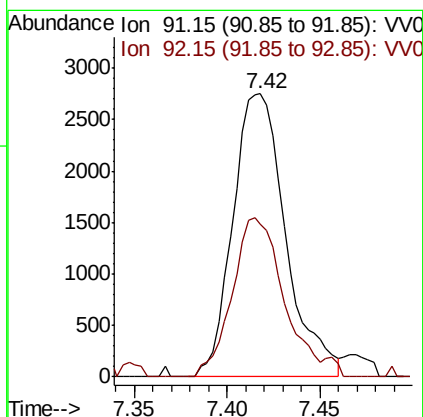
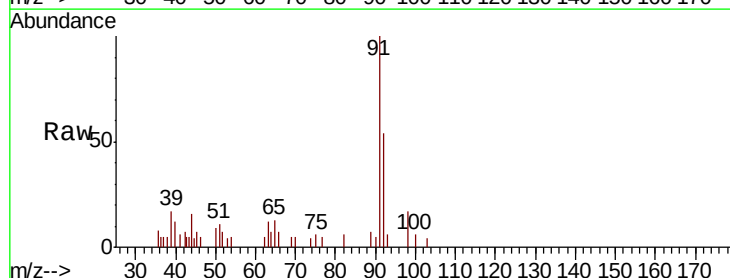
Instrument :
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ETYH6

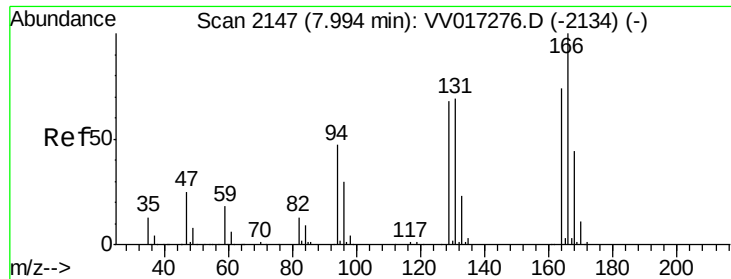
Tot Ion: 83 Resp: 16187
Ion Ratio Lower Upper
83 100
55 0.0 63.6 95.4#
98 0.3 38.8 58.2#



#42
Toluene
Concen: 0.110 ug/L
RT: 7.42 min Scan# 1968
Delta R.T. 0.01 min
Lab File: VV017281.D
Acq: 01 Jul 2020 11:35

Tgt Ion: 91 Resp: 5454
Ion Ratio Lower Upper
91 100
92 54.0 39.9 74.1





#49

Tetrachloroethene

Concen: 0.148 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV017281.D

Acq: 01 Jul 2020 11:35

Instrument :
MSVOA_V
ClientSampleId :
ETYH6

Tot Ion:164 Resp: 1490

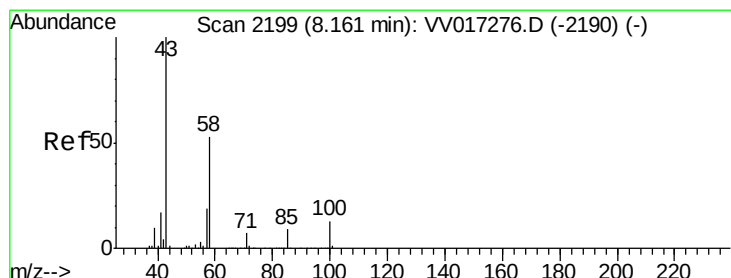
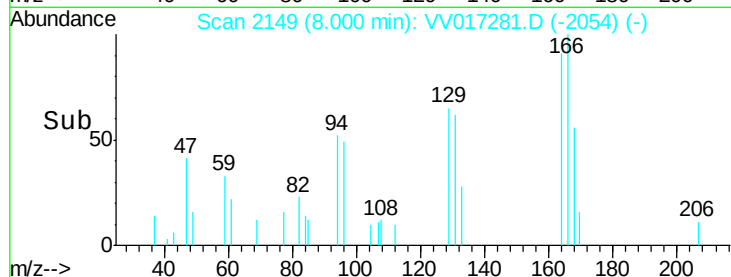
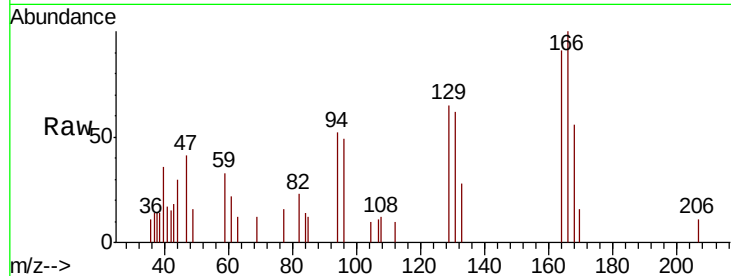
Ion Ratio Lower Upper

164 100

129 71.1 65.2 121.0

131 68.4 64.1 119.1

166 109.9 90.2 167.4



#50

2-Hexanone

Concen: 1.403 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV017281.D

Acq: 01 Jul 2020 11:35

Tgt Ion: 43 Resp: 6105

Ion Ratio Lower Upper

43 100

58 0.0 41.6 62.4#

57 17.2 15.4 23.0

100 8.2 10.1 15.1#

