

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070120\
 Data File : VV017287.D
 Acq On : 01 Jul 2020 13:58
 Operator : SY/MD
 Sample : L3150-07
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYJ2

Quant Time: Jul 02 03:06:33 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	180124	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	180298	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83173	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	47603	4.40	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.00%
7) Chloroethane-d5	1.58	69	40282	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.13	63	72017	3.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.00%
20) 2-Butanone-d5	3.93	46	131816	47.84	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.68%
24) Chloroform-d	4.38	84	113628	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	63214	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.08	84	202277	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.10	67	60348	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.34	98	176060	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
45) trans-1,3-Dichloropropene-	7.65	79	23276	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
48) 2-Hexanone-d5	8.11	63	86394	38.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.76%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	43335	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	74535	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

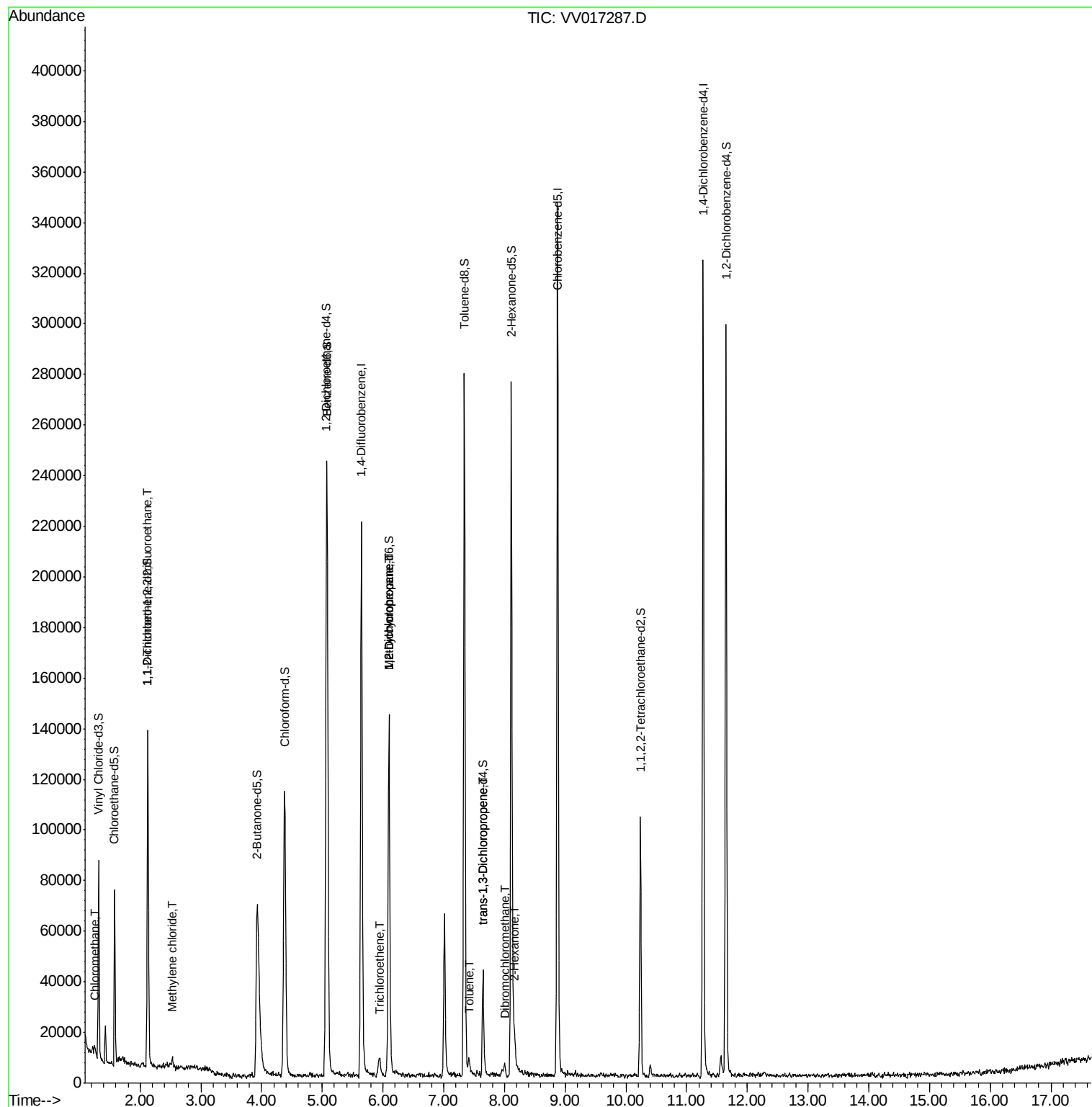
					Ovalue
3) Chloromethane	1.25	50	1826	0.150 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	703	0.074 ug/L #	21
16) Methylene chloride	2.52	84	1289	0.139 ug/L #	72
34) Trichloroethene	5.94	95	1685	0.122 ug/L	84
35) Methylcyclohexane	6.10	83	16222	0.755 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	8343	0.714 ug/L #	85
42) Toluene	7.42	91	3503	0.064 ug/L	91
46) trans-1,3-Dichloropropene	7.65	75	1397	0.093 ug/L	93
50) 2-Hexanone	8.17	43	5853	1.219 ug/L #	82
51) Dibromochloromethane	8.00	129	942	0.094 ug/L #	11

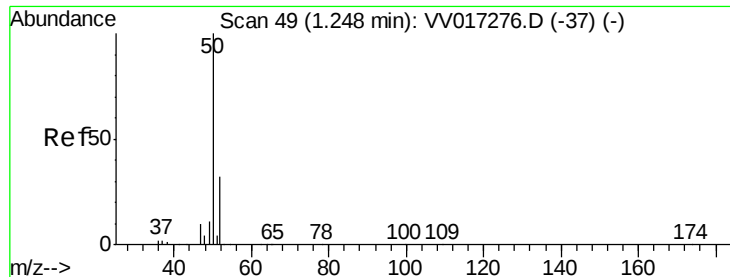
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070120\
Data File : VV017287.D
Acq On : 01 Jul 2020 13:58
Operator : SY/MD
Sample : L3150-07
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETYJ2

Quant Time: Jul 02 03:06:33 2020
Quant Method : Z:\V0ASRV\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: 0.150 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017287.D

Acq: 01 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

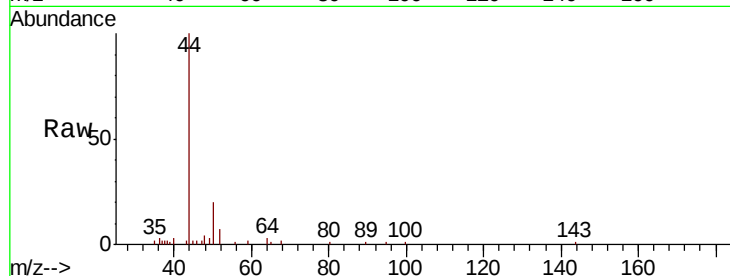
ETYJ2

Tot Ion: 50 Resp: 1826

Ion Ratio Lower Upper

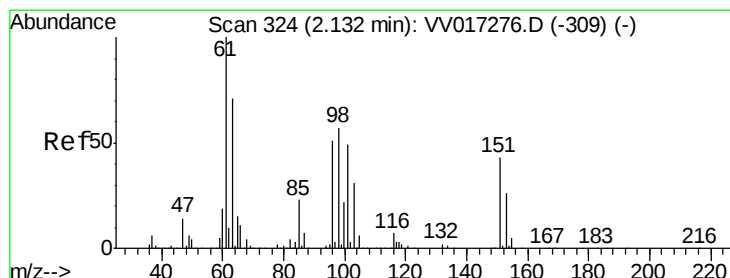
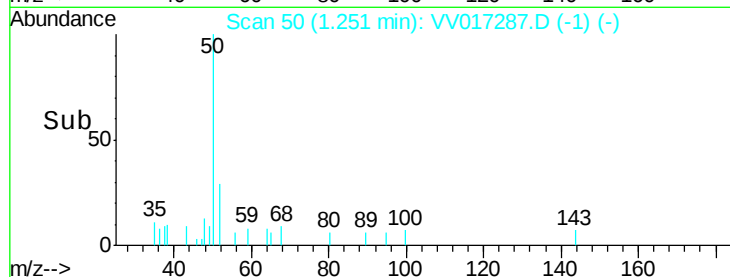
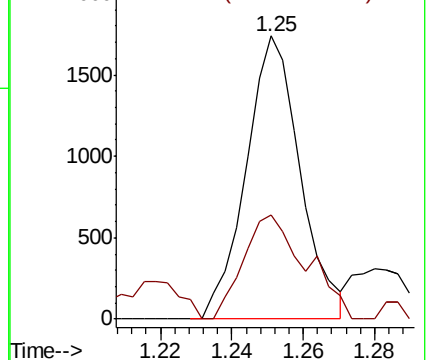
50 100

52 36.7 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV017287.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VV017287.D (-1) (-)



#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV017287.D

Acq: 01 Jul 2020 13:58

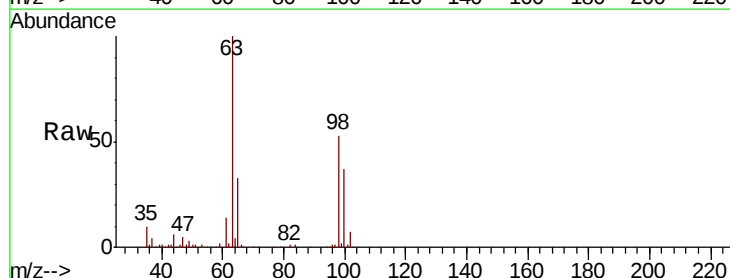
Tgt Ion: 101 Resp: 703

Ion Ratio Lower Upper

101 100

85 5.8 35.4 53.2#

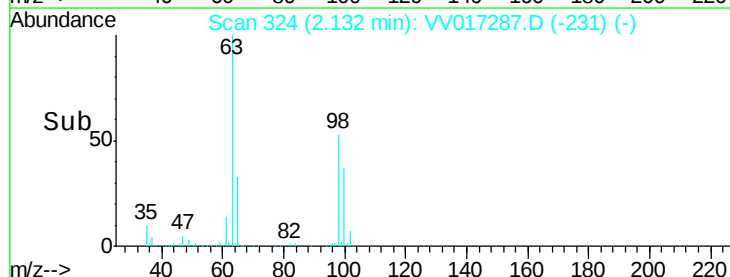
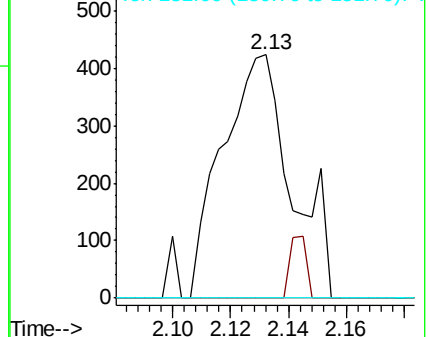
151 0.0 63.9 95.9#

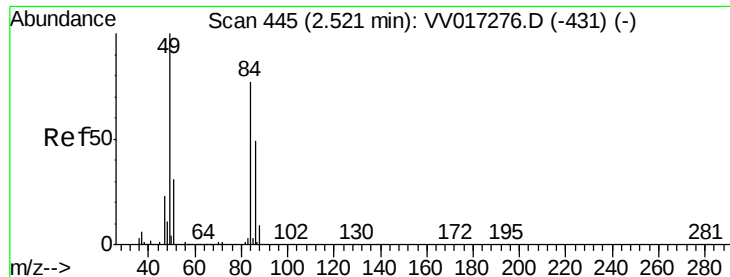


Abundance Ion 101.00 (100.70 to 101.70): VV017287.D (-231) (-)

Ion 85.00 (84.70 to 85.70): VV017287.D (-231) (-)

Ion 151.00 (150.70 to 151.70): VV017287.D (-231) (-)

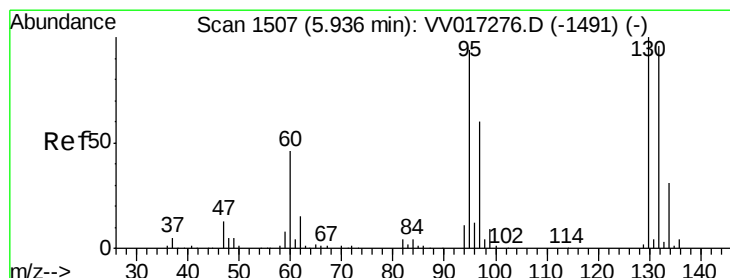
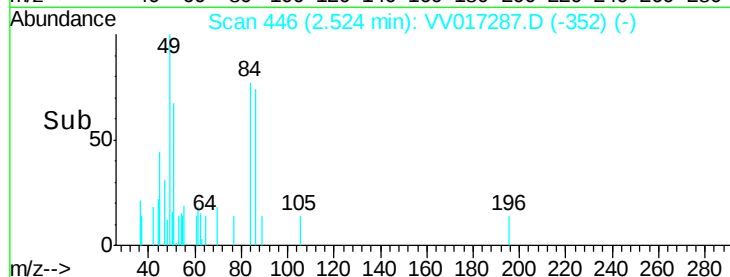
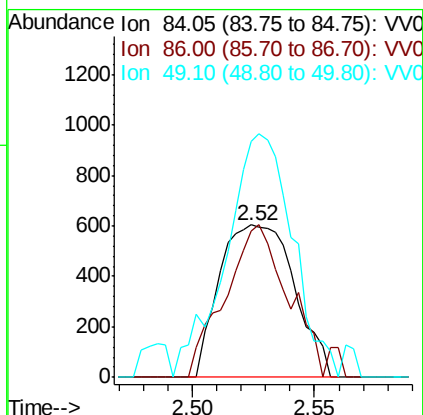
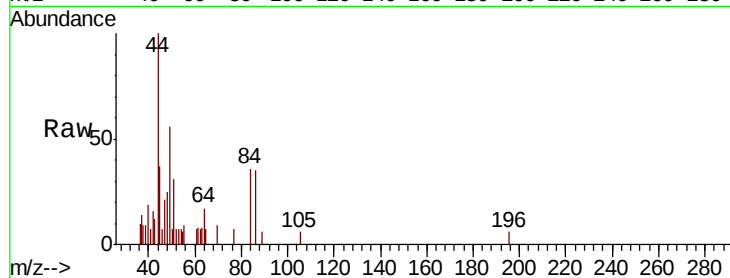




#16
Methvlene chloride
Concen: 0.139 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

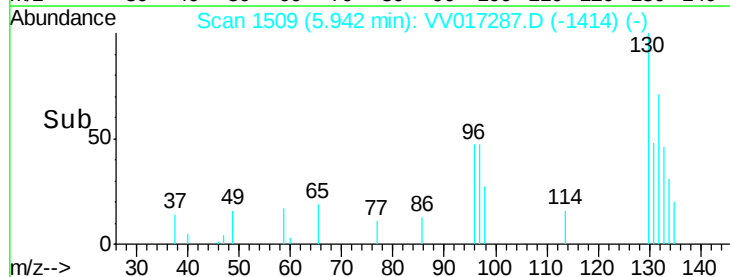
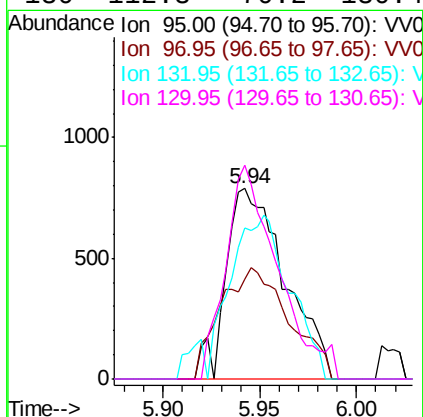
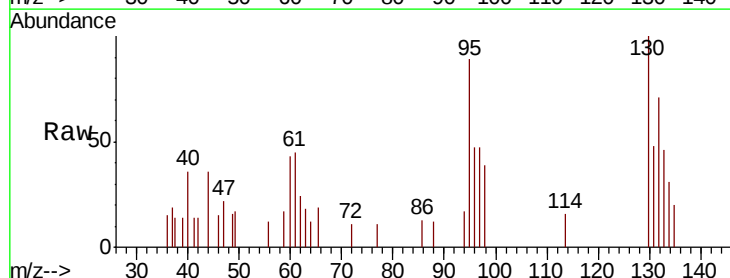
Instrument :
MSVOA_V
ClientSampleId :
ETYJ2

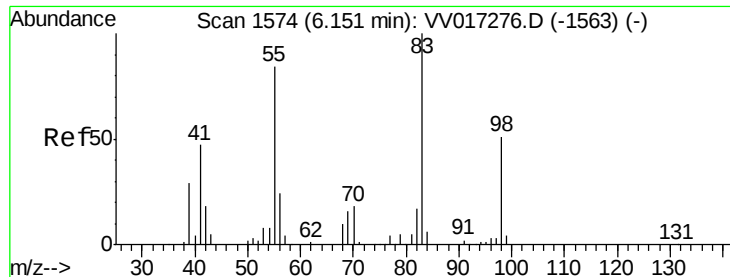
Tot Ion: 84 Resp: 1289
Ion Ratio Lower Upper
84 100
86 96.0 45.8 85.0#
49 154.4 89.6 166.4



#34
Trichloroethene
Concen: 0.122 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

Tgt Ion: 95 Resp: 1685
Ion Ratio Lower Upper
95 100
97 52.3 45.3 84.1
132 79.3 68.8 127.8
130 112.3 70.2 130.4

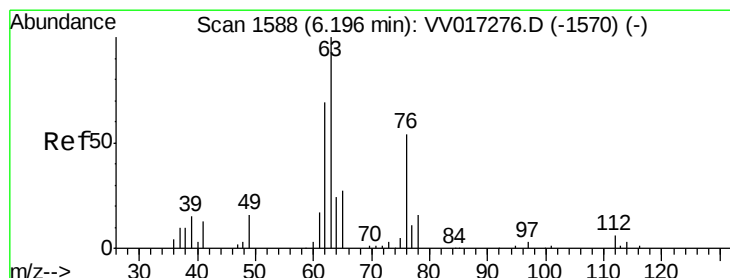
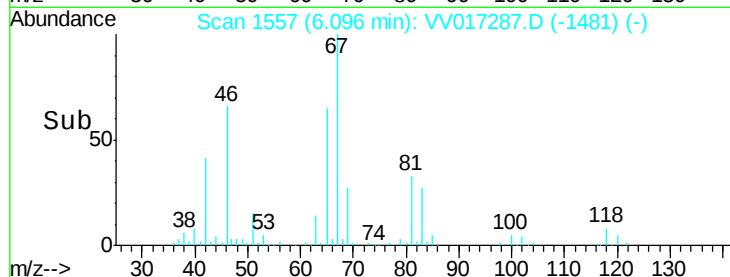
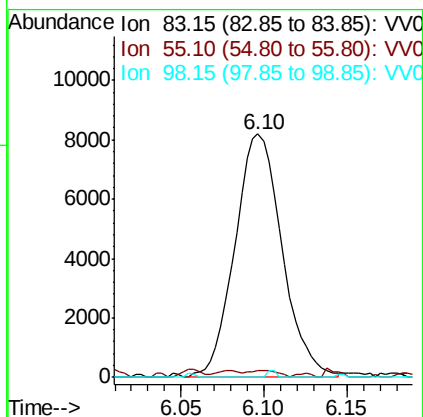
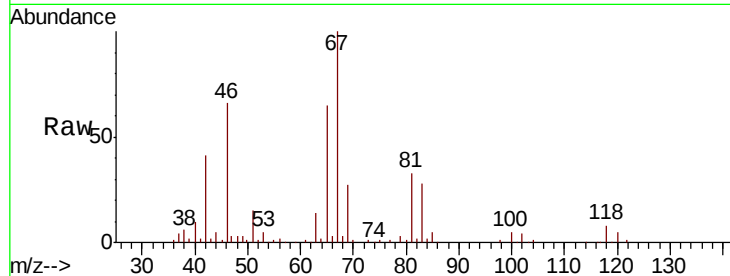




#35
Methvlcvclohexane
Concen: 0.755 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

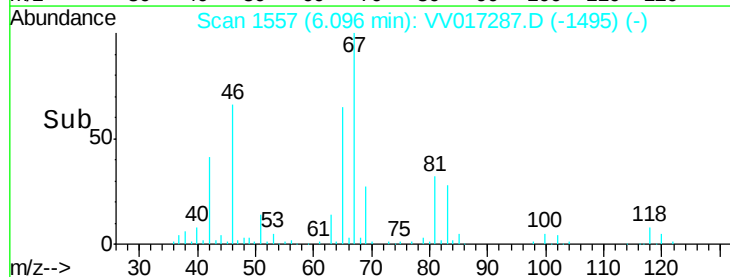
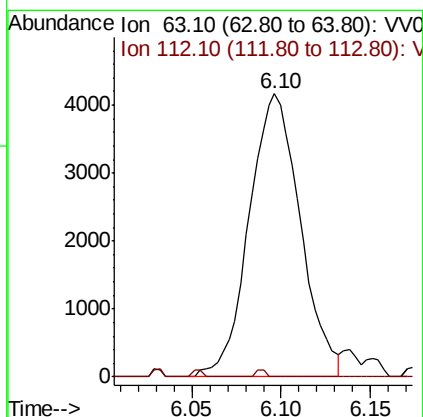
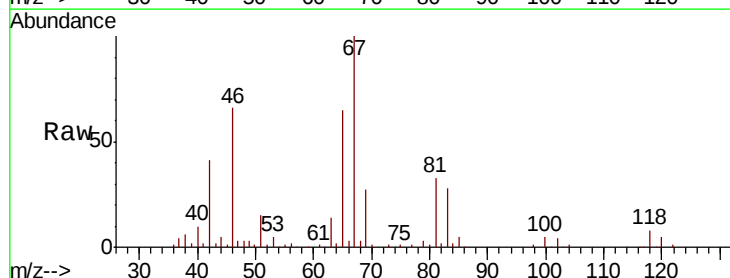
Instrument :
MSVOA_V
ClientSampled :
ETYJ2

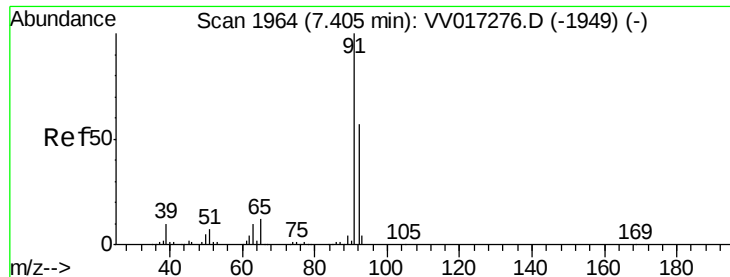
Tot Ion: 83 Resp: 16222
Ion Ratio Lower Upper
83 100
55 1.8 63.6 95.4#
98 0.5 38.8 58.2#



#37
1,2-Dichloropropane
Concen: 0.714 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

Tgt Ion: 63 Resp: 8343
Ion Ratio Lower Upper
63 100
112 0.5 4.4 6.6#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.42 min Scan# 1968

Delta R.T. 0.01 min

Lab File: VV017287.D

Acq: 01 Jul 2020 13:58

Instrument :

MSVOA_V

ClientSampleId :

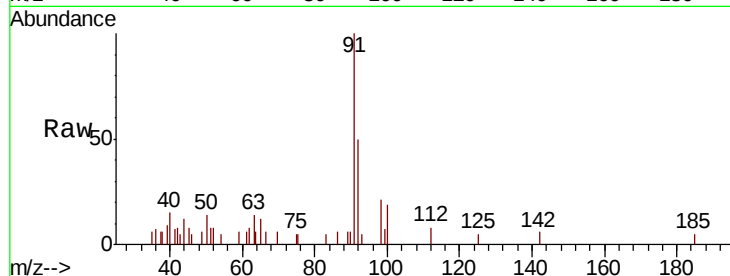
ETYJ2

Tot Ion: 91 Resp: 3503

Ion Ratio Lower Upper

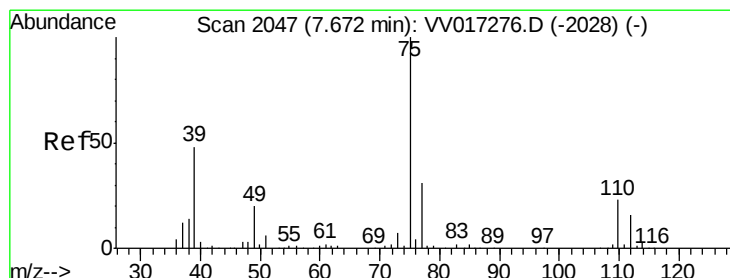
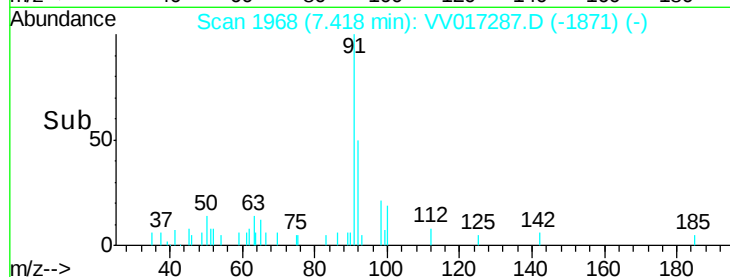
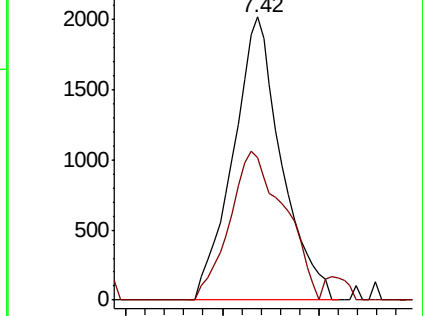
91 100

92 50.2 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#46

trans-1,3-Dichloropropene

Concen: 0.093 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV017287.D

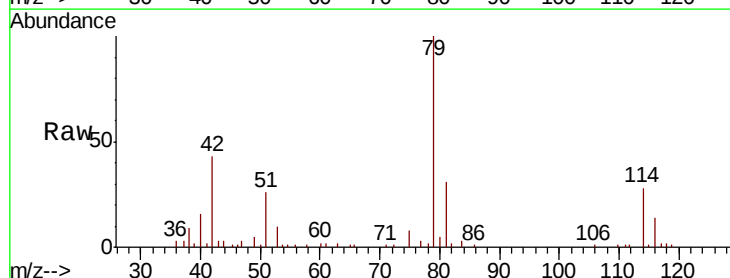
Acq: 01 Jul 2020 13:58

Tgt Ion: 75 Resp: 1397

Ion Ratio Lower Upper

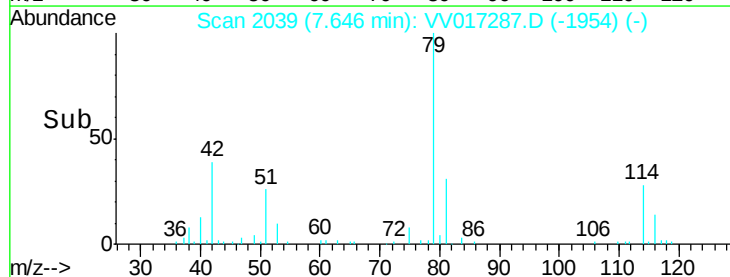
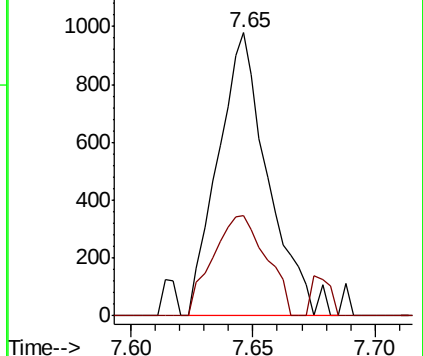
75 100

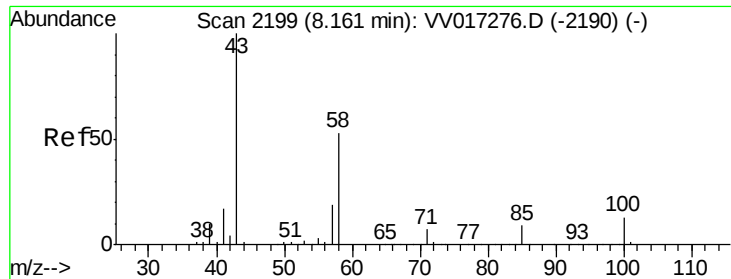
77 35.5 22.3 41.3



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

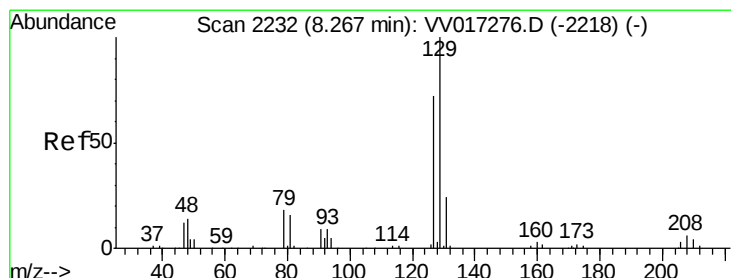
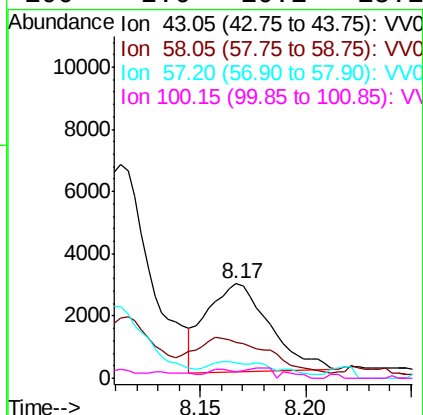
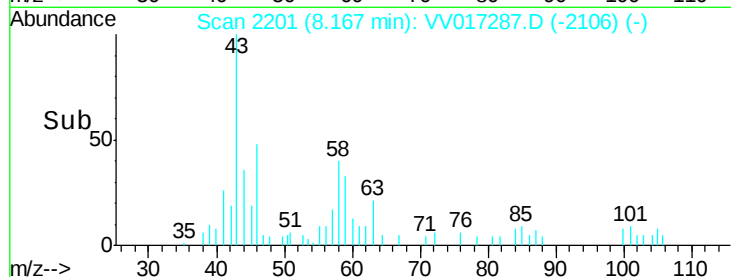
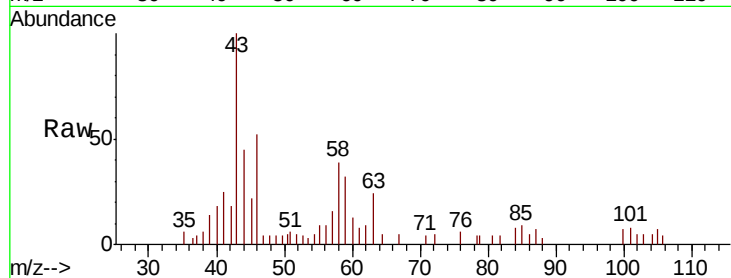




#50
2-Hexanone
Concen: 1.219 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

Instrument :
MSVOA_V
ClientSampleId :
ETYJ2

Tot Ion: 43 Resp: 5853
Ion Ratio Lower Upper
43 100
58 59.5 41.6 62.4
57 4.5 15.4 23.0#
100 2.6 10.1 15.1#



#51
Dibromochloromethane
Concen: 0.094 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.27 min
Lab File: VV017287.D
Acq: 01 Jul 2020 13:58

Tgt Ion: 129 Resp: 942
Ion Ratio Lower Upper
129 100
127 0.0 54.1 100.5#

