

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110720\
 Data File : VV0192273.D
 Acq On : 05 Nov 2020 13:08
 Operator : SY/MD
 Sample : L4543-16ME
 Misc : 5.70µ/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 22:40:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 22:32:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.63	114	336261	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332557	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	161805	60.55	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	121.10%
7) Chloroethane-d5	1.57	69	136929	65.96	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.92%#
11) 1,1-Dichloroethene-d2	2.10	63	250800	49.34	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.68%
21) 2-Butanone-d5	3.91	46	200728	122.64	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	122.64%
24) Chloroform-d	4.36	84	305378	61.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	122.86%
26) 1,2-Dichloroethane-d4	5.05	65	219967	63.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	127.02%#
32) Benzene-d6	5.06	84	592139	62.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	125.54%#
36) 1,2-Dichloropropane-d6	6.09	67	186038	66.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	132.28%#
41) Toluene-d8	7.33	98	557803	61.55	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	123.10%#
43) trans-1,3-Dichloropropene-	7.64	79	100900	61.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	123.98%
47) 2-Hexanone-d5	8.13	63	153809	126.26	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	126.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	226367	59.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	119.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	229769	65.61	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	131.22%#

Target Compounds

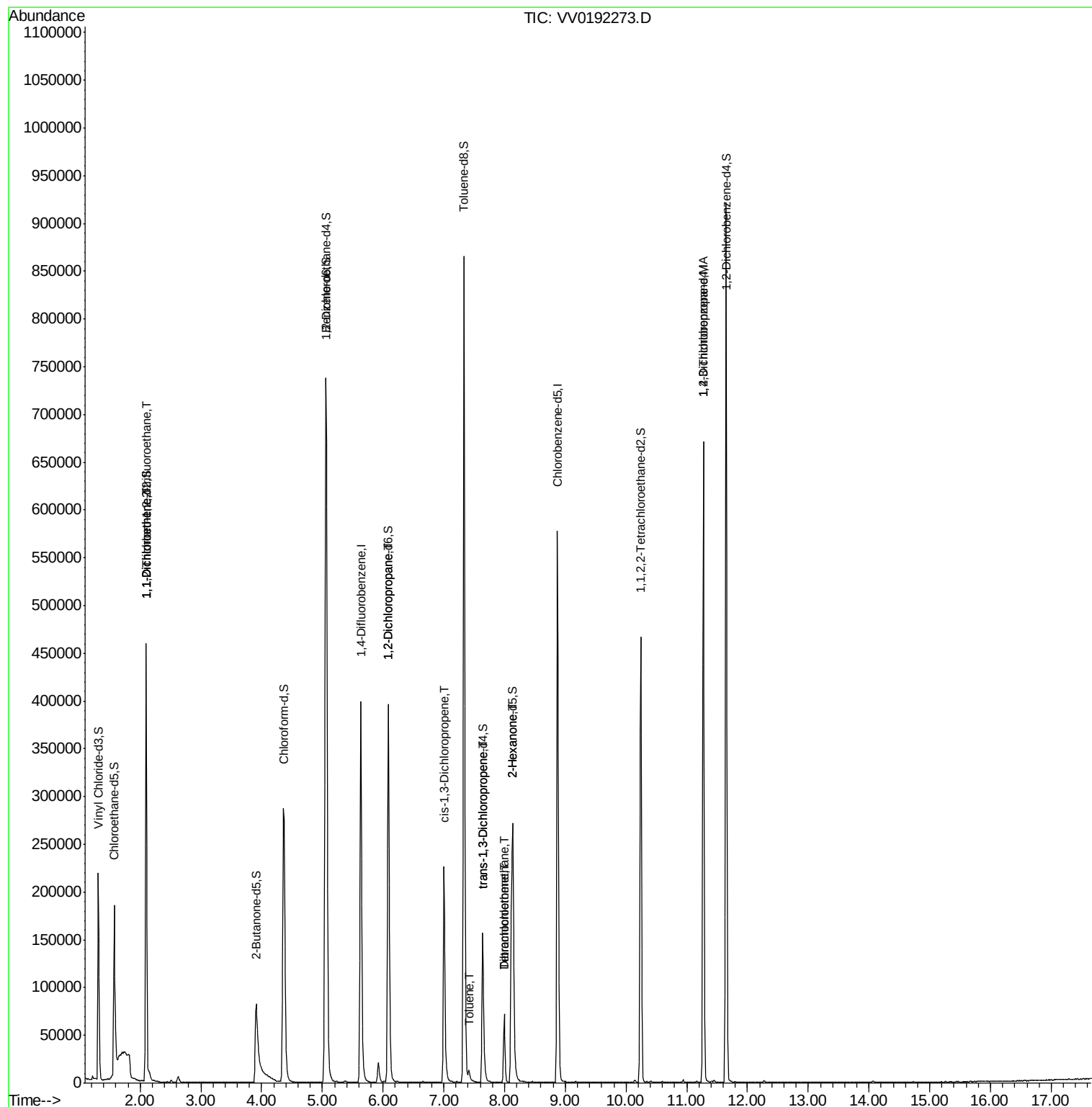
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.10	101	2217	1.007	ug/L #	17
12) 1,1-Dichloroethene	2.10	96	2030	0.941	ug/L #	1
37) 1,2-Dichloropropane	6.09	63	23003	9.660	ug/L #	85
39) cis-1,3-Dichloropropene	7.00	75	6551	1.666	ug/L #	68
42) Toluene	7.41	91	7975	0.759	ug/L	98
44) trans-1,3-Dichloropropene	7.64	75	5014	1.225	ug/L	91
46) Tetrachloroethene	7.99	164	16193	7.219	ug/L	98
48) 2-Hexanone	8.14	43	22586	8.650	ug/L #	50
49) Dibromochloromethane	7.99	129	14411	4.984	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	18794	6.038	ug/L	89

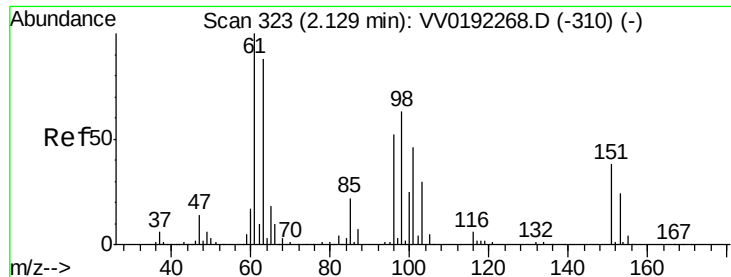
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 05 22:40:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 05 22:32:19 2020
Response via : Initial Calibration





#10

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

Concen: 1.007 ug/L

RT: 2.10 min Scan# 313

Delta R.T. -0.03 min

Lab File: VV0192273.D

Acq: 05 Nov 2020 13:08

Instrument :

MSVOA_V

ClientSampleId :

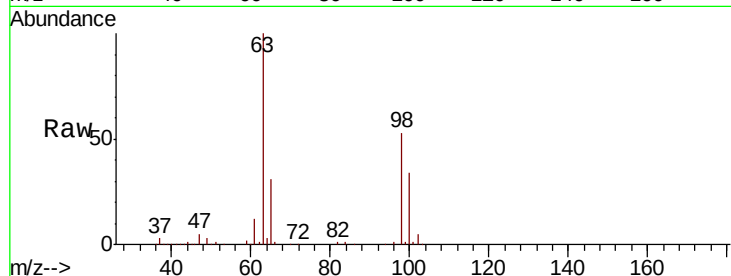
Tot Ion:101 Resp: 2217

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

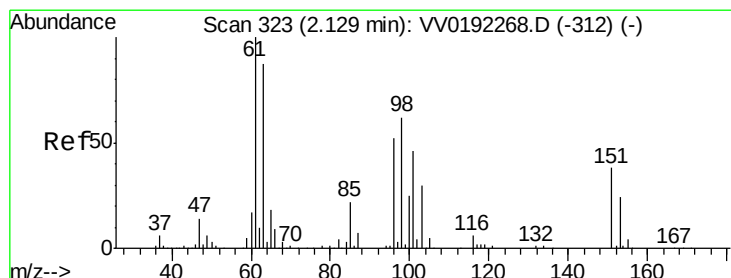
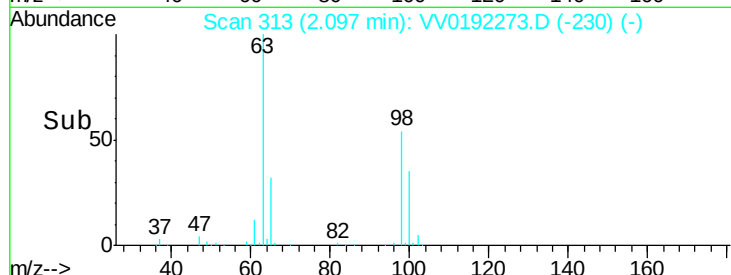
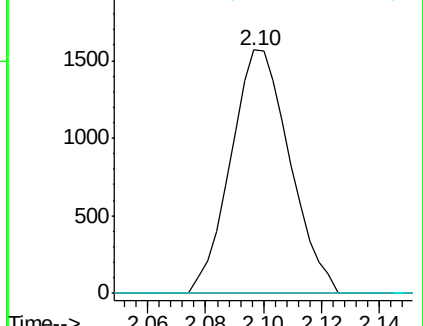
151 0.0 65.0 97.4#



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: 0.941 ug/L

RT: 2.10 min Scan# 314

Delta R.T. -0.03 min

Lab File: VV0192273.D

Acq: 05 Nov 2020 13:08

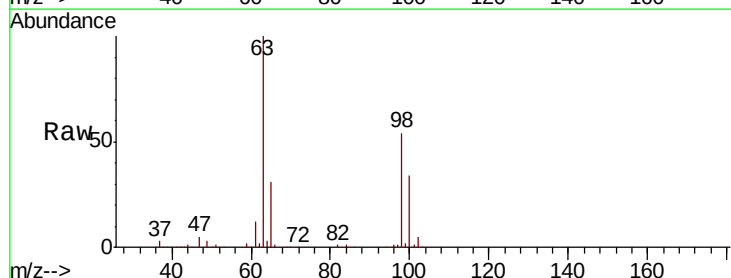
Tgt Ion: 96 Resp: 2030

Ion Ratio Lower Upper

96 100

61 1555.9 132.6 246.2#

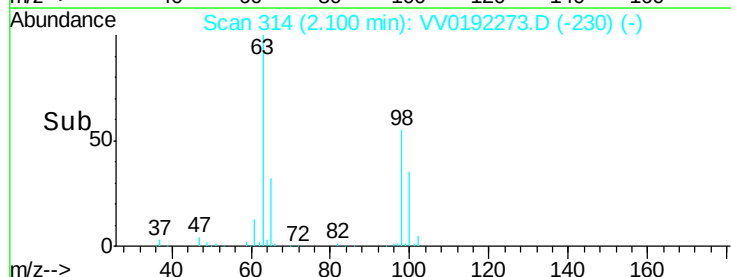
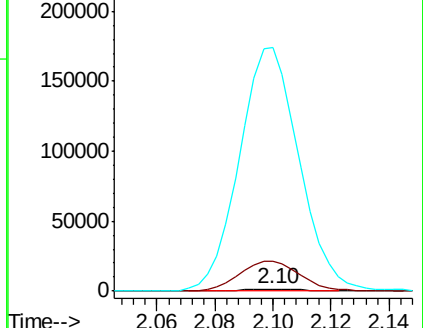
63 12465.3 108.4 201.4#

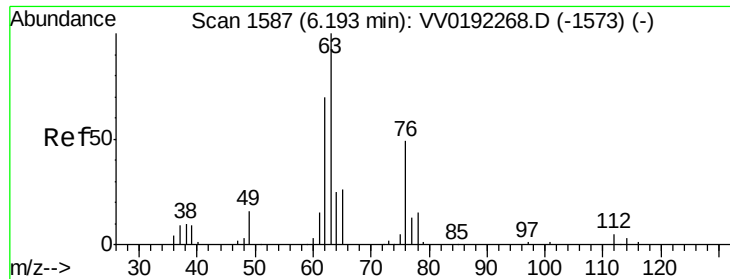


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

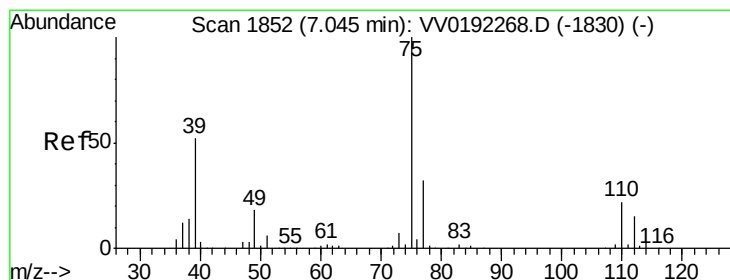
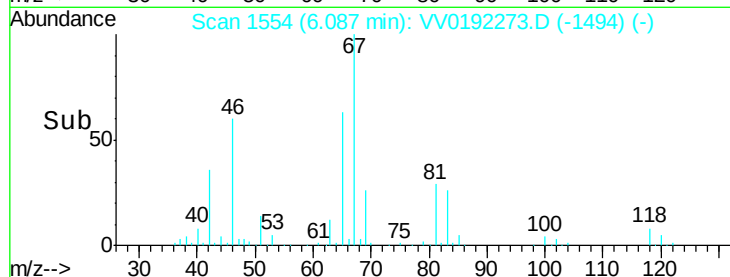
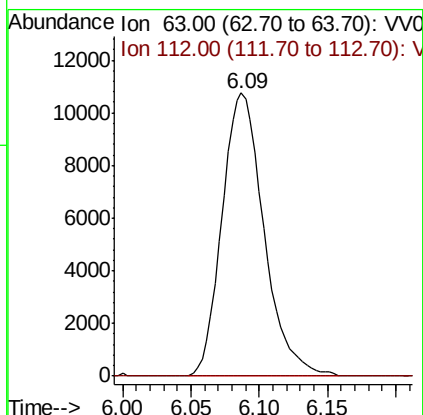
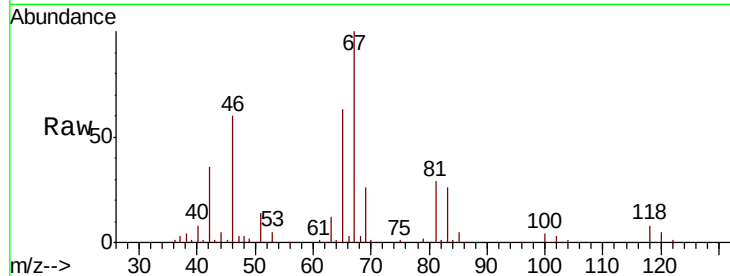




#37
 1,2-Dichloropropane
 Concen: 9.660 ug/L
 RT: 6.09 min Scan# 1554
 Delta R.T. -0.11 min
 Lab File: VV0192273.D
 Acq: 05 Nov 2020 13:08

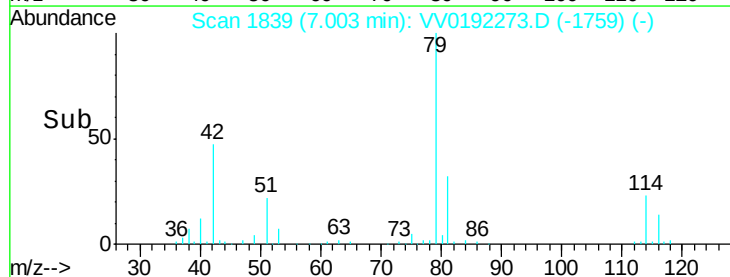
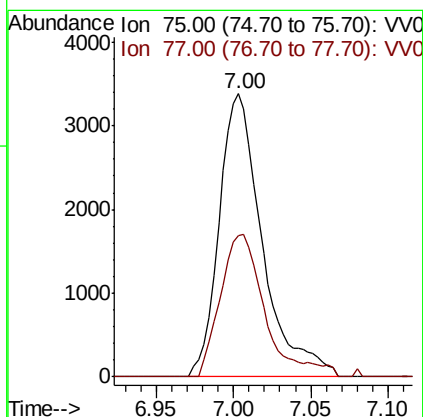
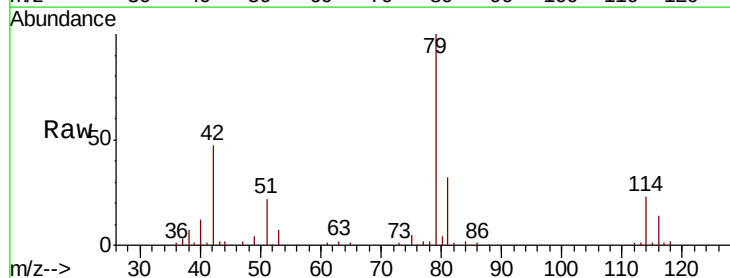
Instrument :
 MSVOA_V
 ClientSampled :

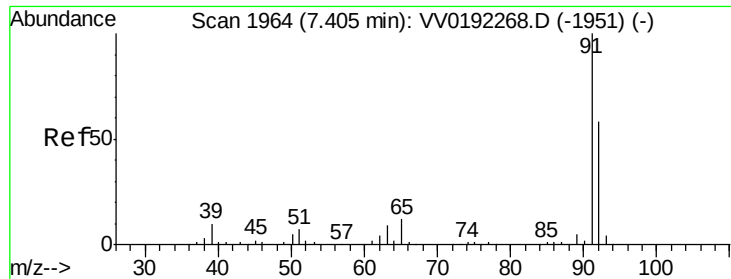
Tot Ion: 63 Resp: 23003
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#39
 cis-1,3-Dichloropropene
 Concen: 1.666 ug/L
 RT: 7.00 min Scan# 1839
 Delta R.T. -0.04 min
 Lab File: VV0192273.D
 Acq: 05 Nov 2020 13:08

Tgt Ion: 75 Resp: 6551
 Ion Ratio Lower Upper
 75 100
 77 50.1 22.7 42.1#





#42

Toluene

Concen: 0.759 ug/L

RT: 7.41 min Scan# 1966

Delta R.T. 0.01 min

Lab File: VV0192273.D

Acq: 05 Nov 2020 13:08

Instrument :

MSVOA_V

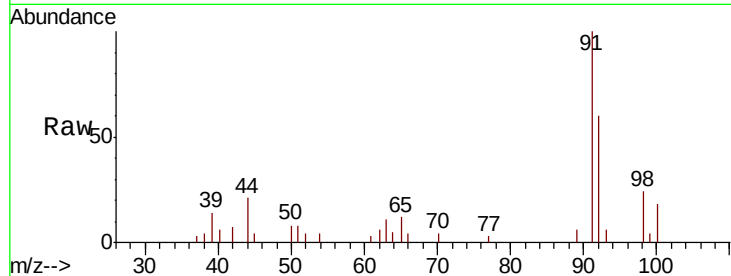
ClientSampleId :

Tot Ion: 91 Resp: 7975

Ion Ratio Lower Upper

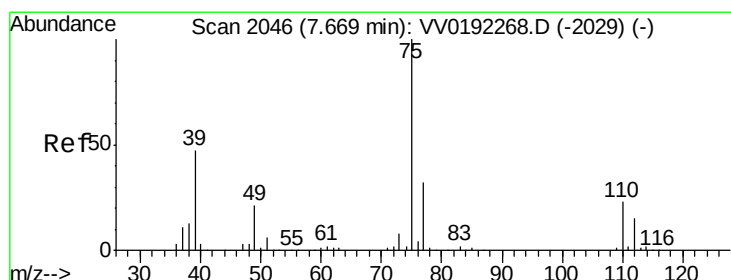
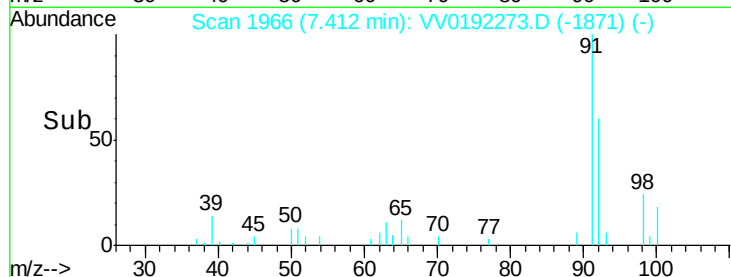
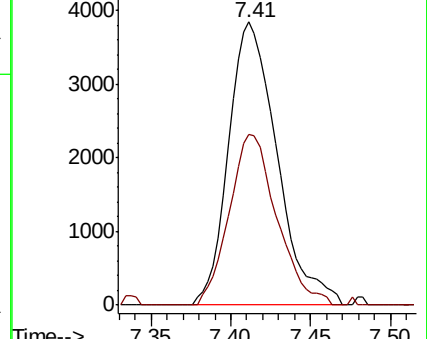
91 100

92 60.5 41.5 77.1



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0



#44

trans-1,3-Dichloropropene

Concen: 1.225 ug/L

RT: 7.64 min Scan# 2036

Delta R.T. -0.03 min

Lab File: VV0192273.D

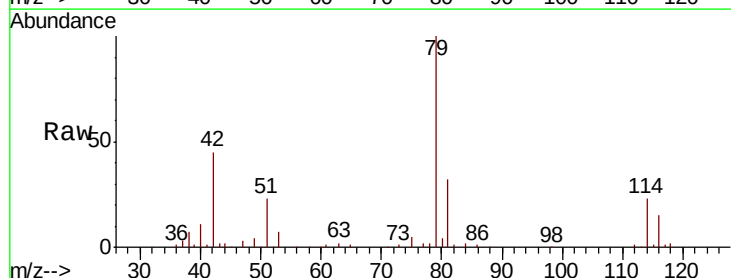
Acq: 05 Nov 2020 13:08

Tgt Ion: 75 Resp: 5014

Ion Ratio Lower Upper

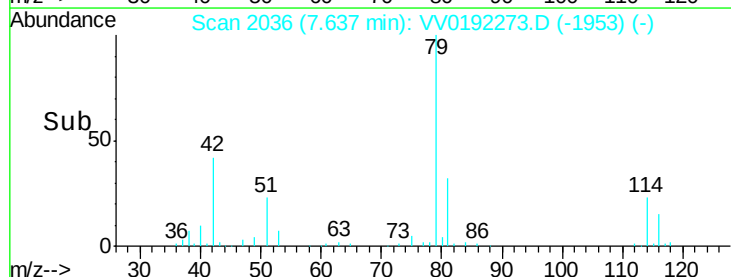
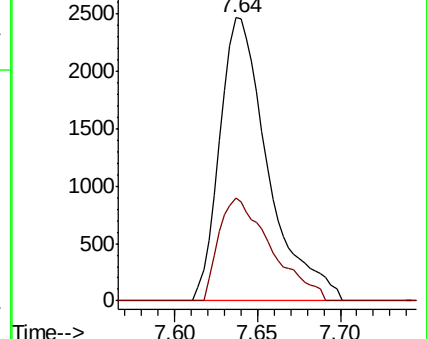
75 100

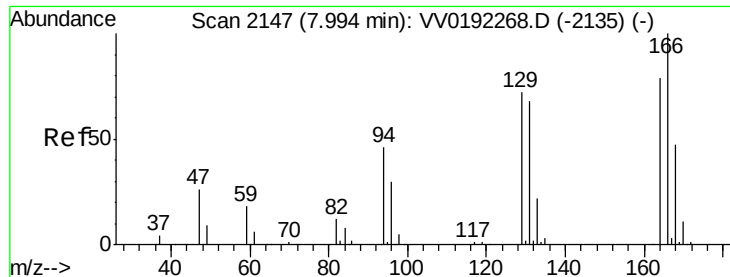
77 36.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

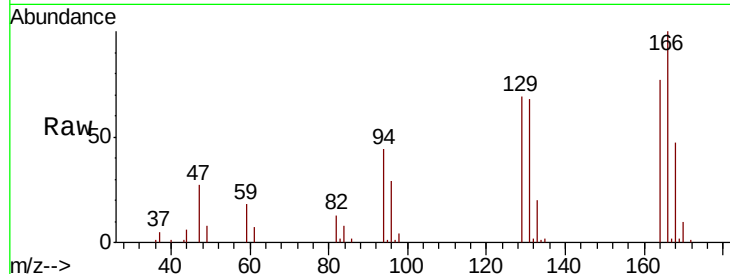




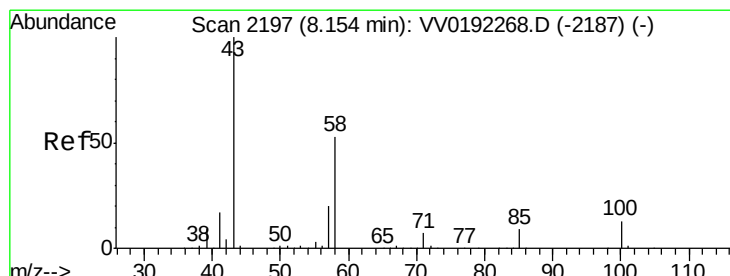
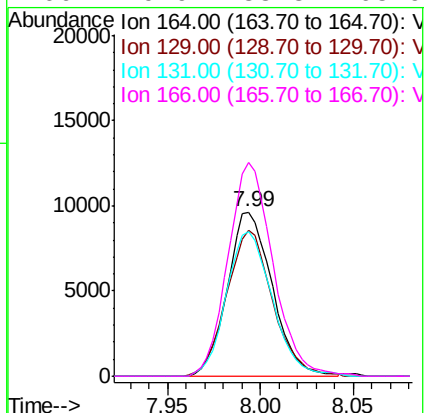
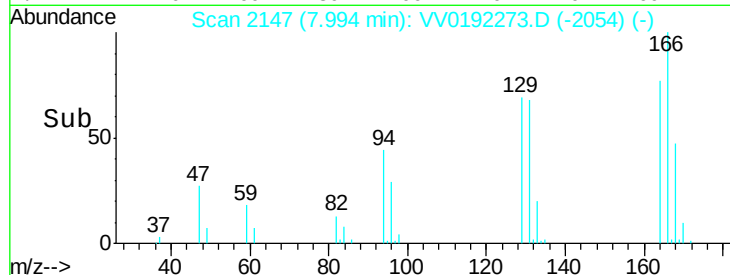
#46
Tetrachloroethene
Concen: 7.219 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.00 min
Lab File: VV0192273.D
Acq: 05 Nov 2020 13:08

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 16193
Ion Ratio Lower Upper
164 100
129 89.0 63.2 117.4
131 88.0 60.3 112.1
166 129.9 88.3 163.9

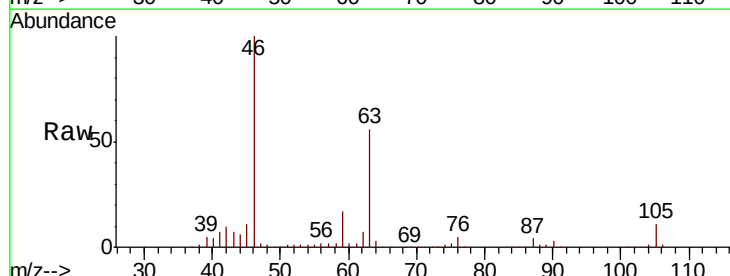


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

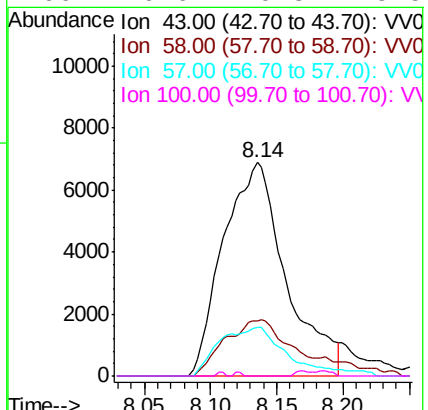
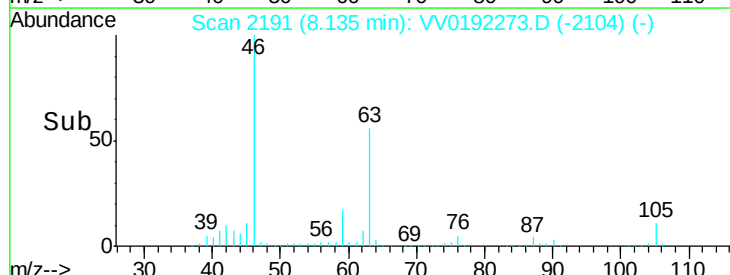


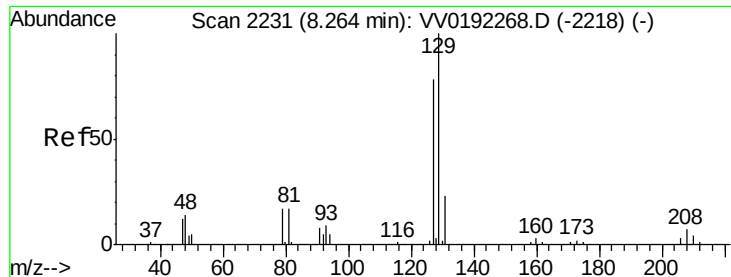
#48
2-Hexanone
Concen: 8.650 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.02 min
Lab File: VV0192273.D
Acq: 05 Nov 2020 13:08

Tgt Ion: 43 Resp: 22586
Ion Ratio Lower Upper
43 100
58 13.9 43.6 65.4#
57 0.0 16.0 24.0#
100 0.6 10.3 15.5#



Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

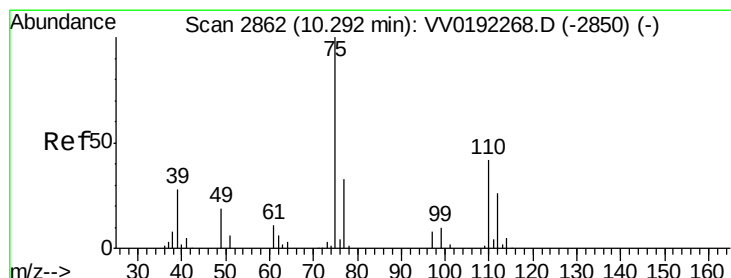
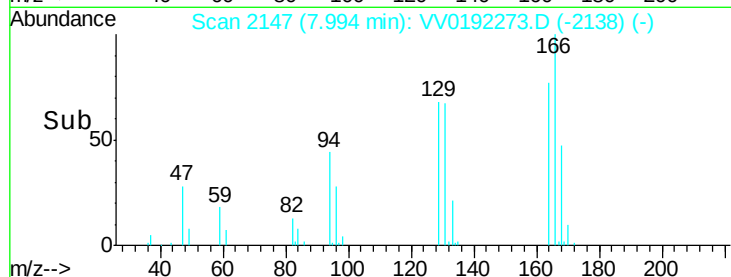
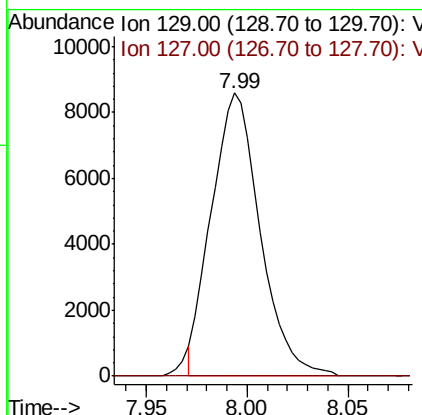
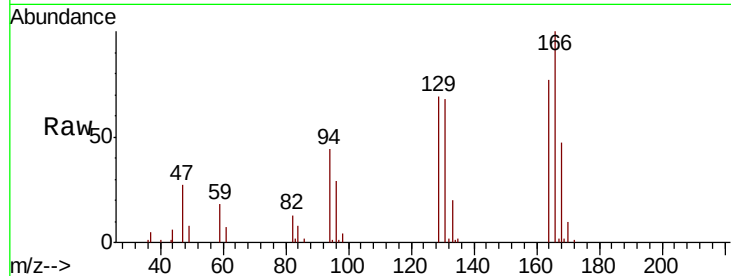




#49
 Dibromochloromethane
 Concen: 4.984 ug/L
 RT: 7.99 min Scan# 2147
 Delta R.T. -0.27 min
 Lab File: VV0192273.D
 Acq: 05 Nov 2020 13:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 14411
 Ion Ratio Lower Upper
 129 100
 127 0.0 54.7 101.5#



#59
 1,2,3-Trichloropropane
 Concen: 6.038 ug/L
 RT: 11.27 min Scan# 3167
 Delta R.T. 0.98 min
 Lab File: VV0192273.D
 Acq: 05 Nov 2020 13:08

Tgt Ion: 75 Resp: 18794
 Ion Ratio Lower Upper
 75 100
 77 39.0 26.2 39.4

