

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061120\
 Data File : VV016815.D
 Acq On : 11 Jun 2020 10:36
 Operator : SY/MD
 Sample : L2929-01DL 2000X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 12 01:30:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 12 01:27:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	351417	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	166368	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	94142	37.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.94%
7) Chloroethane-d5	1.56	69	68185	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.66%
11) 1,1-Dichloroethene-d2	2.12	63	135613	32.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.14%
21) 2-Butanone-d5	3.89	46	165401	90.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.12%
24) Chloroform-d	4.37	84	215514	42.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.48%
26) 1,2-Dichloroethane-d4	5.05	65	155451	45.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.66%
32) Benzene-d6	5.07	84	413440	43.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.09	67	128630	43.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.24%
41) Toluene-d8	7.34	98	370044	42.14	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.28%
43) trans-1,3-Dichloropropene-	7.64	79	65419	42.10	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.20%
47) 2-Hexanone-d5	8.11	63	98766	75.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.94%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	170860	43.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.52%
64) 1,2-Dichlorobenzene-d4	11.65	152	162244	45.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

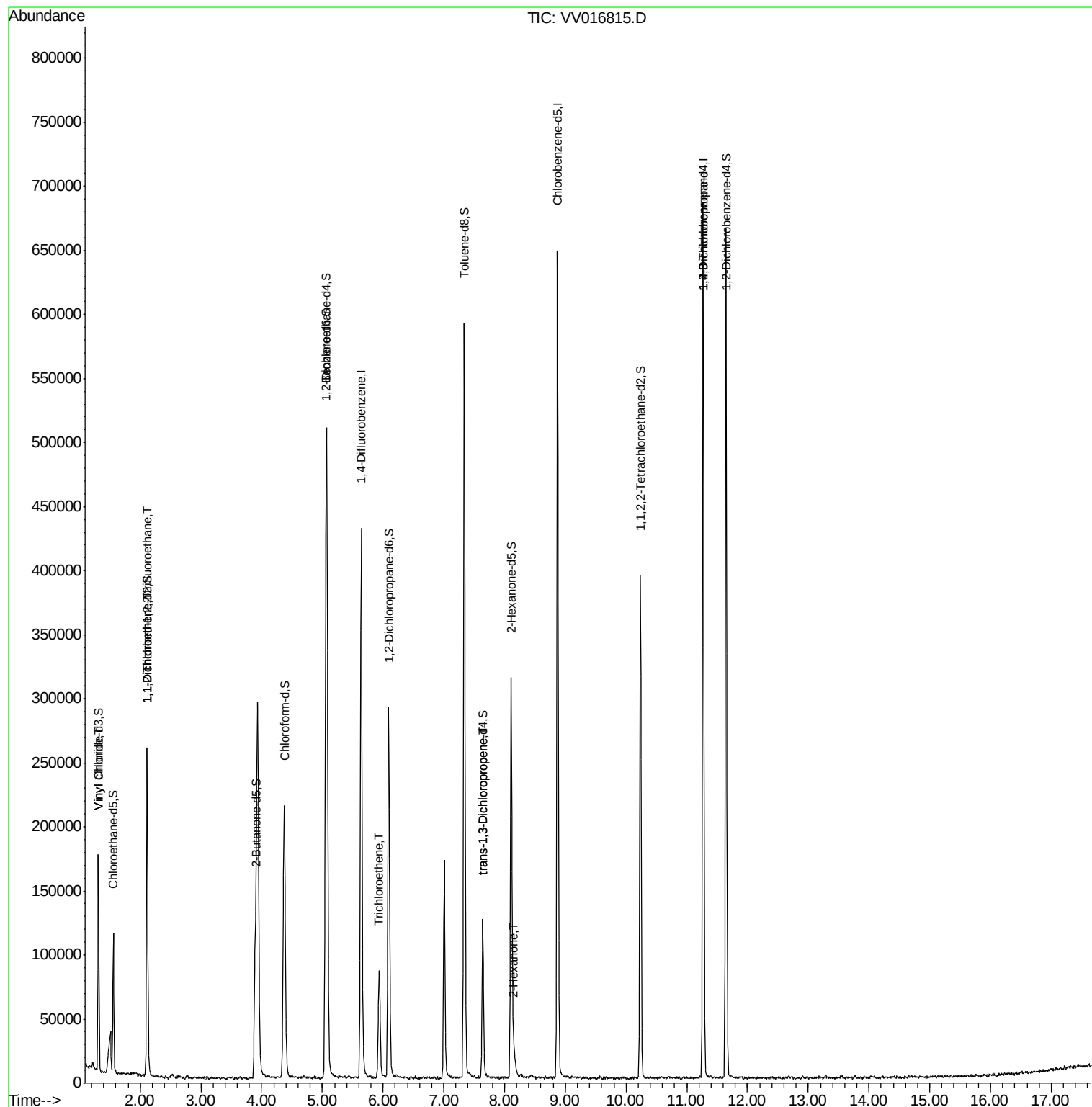
					Ovalue
5) Vinyl chloride	1.32	62	10315	4.117 ug/L #	80
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1352	0.724 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	1481	0.849 ug/L #	1
34) Trichloroethene	5.94	95	24328	9.234 ug/L	95
44) trans-1,3-Dichloropropene	7.64	75	3620	0.938 ug/L	92
48) 2-Hexanone	8.16	43	10315	3.675 ug/L #	82
59) 1,2,3-Trichloropropane	11.27	75	19687	6.211 ug/L	93

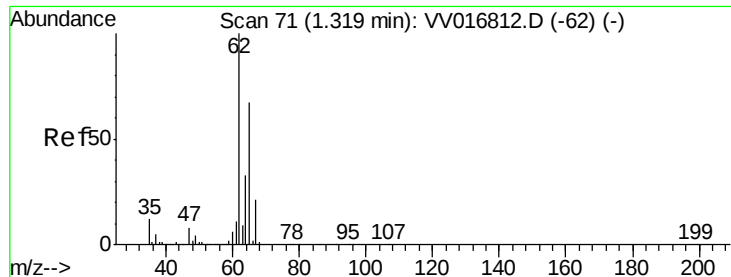
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 12 01:27:40 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 4.117 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016815.D

Acq: 11 Jun 2020 10:36

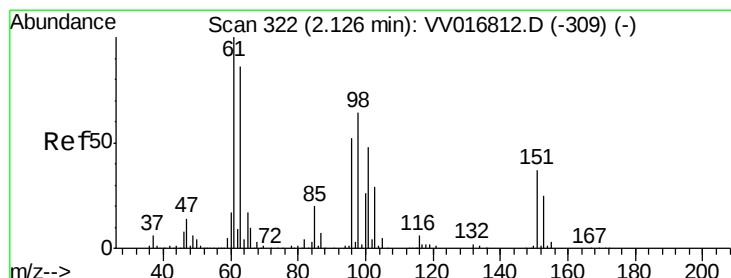
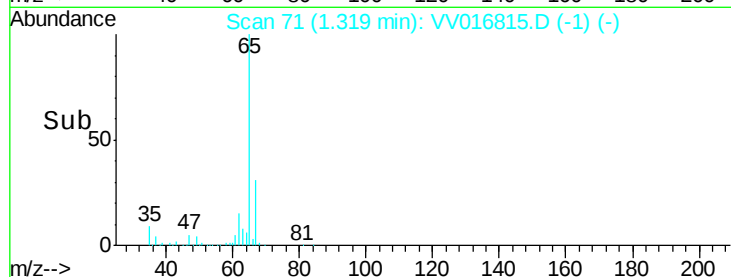
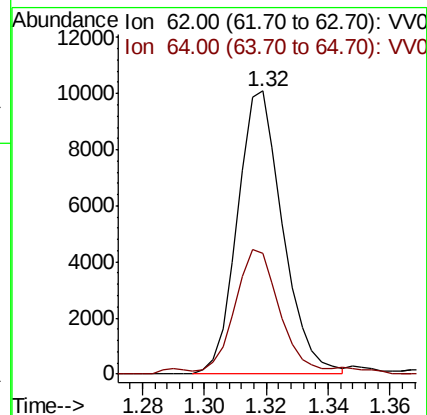
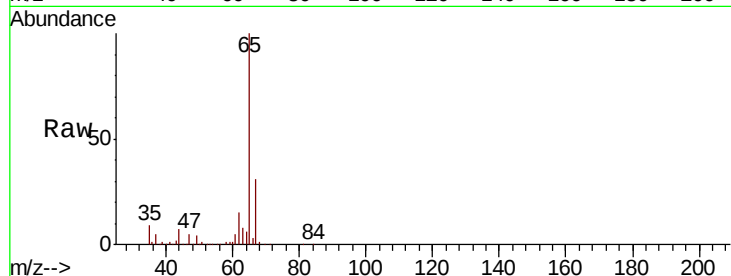
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 10315

Ion Ratio Lower Upper

62 100

64 42.9 22.3 41.5#



#10

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

Concen: 0.724 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016815.D

Acq: 11 Jun 2020 10:36

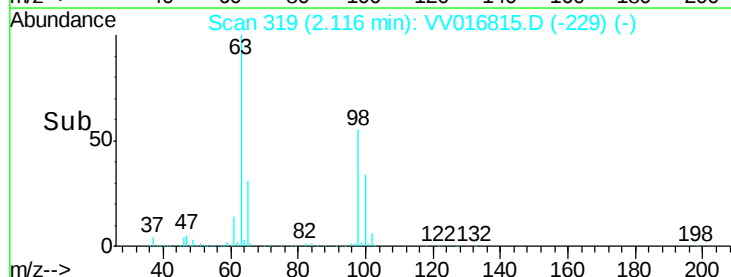
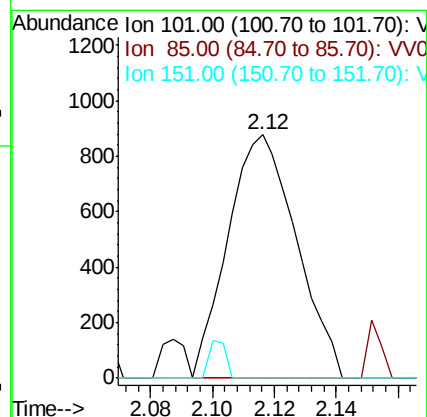
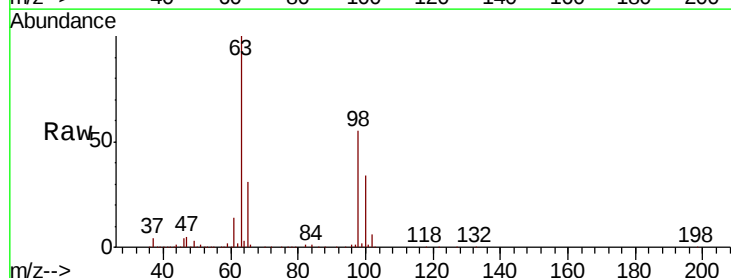
Tgt Ion: 101 Resp: 1352

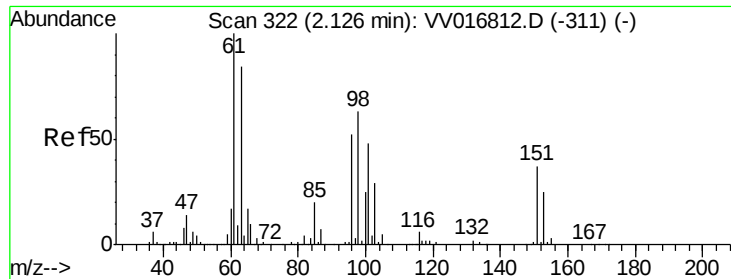
Ion Ratio Lower Upper

101 100

85 4.5 35.5 53.3#

151 0.0 63.9 95.9#





#12

1,1-Dichloroethene

Concen: 0.849 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV016815.D

Acq: 11 Jun 2020 10:36

Instrument :
MSVOA_V
ClientSampleId :

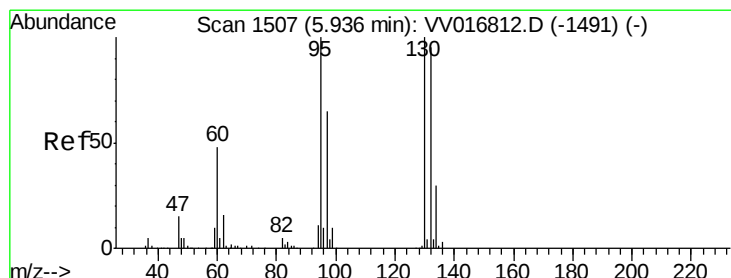
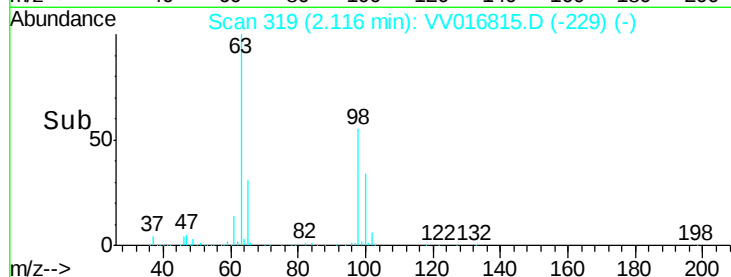
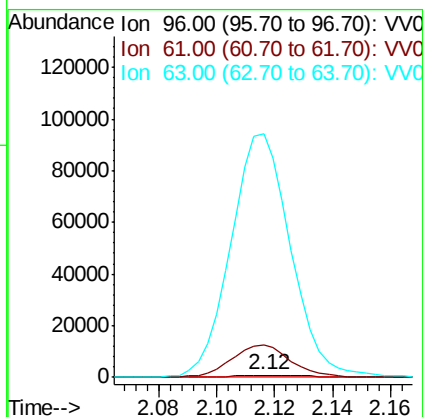
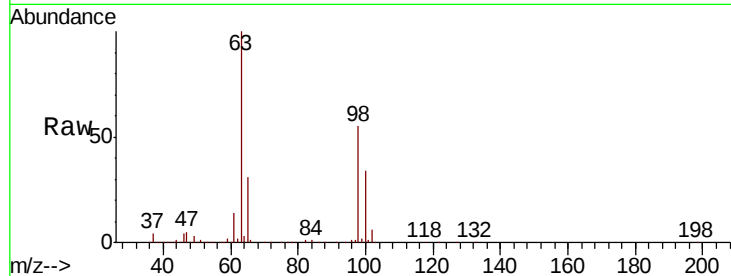
Tot Ion: 96 Resp: 1481

Ion Ratio Lower Upper

96 100

61 1520.1 130.4 242.2#

63 11208.6 103.3 191.9#



#34

Trichloroethene

Concen: 9.234 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV016815.D

Acq: 11 Jun 2020 10:36

Tgt Ion: 95 Resp: 24328

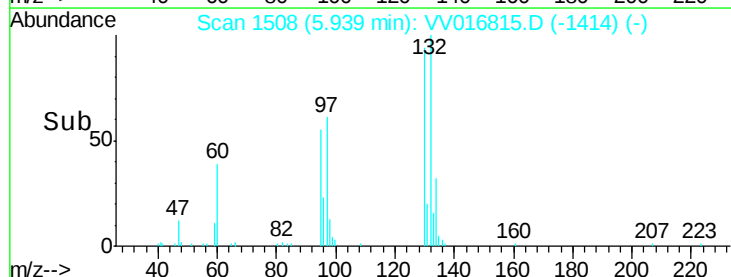
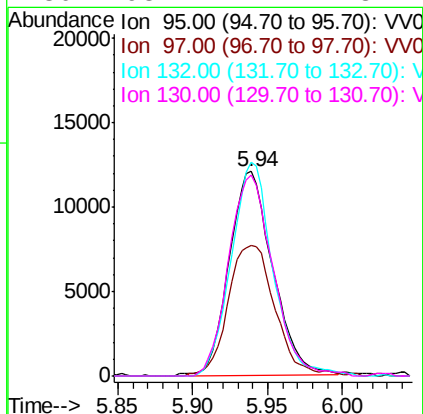
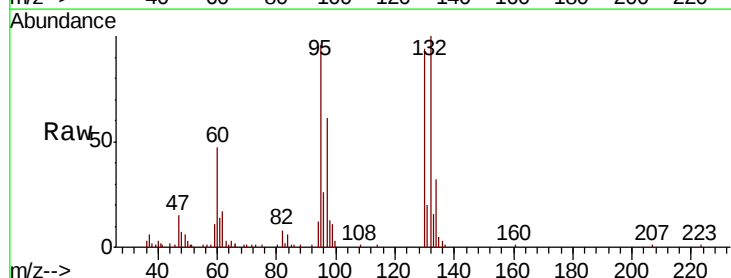
Ion Ratio Lower Upper

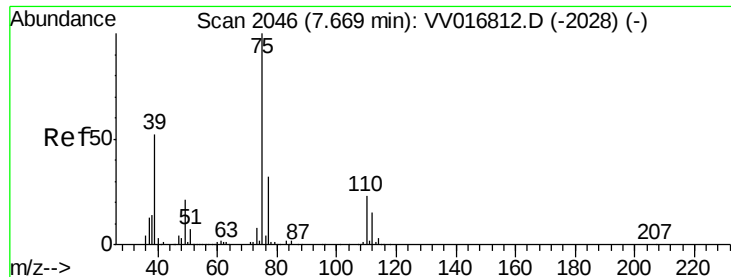
95 100

97 63.8 44.3 82.3

132 104.6 67.9 126.1

130 98.1 72.2 134.2

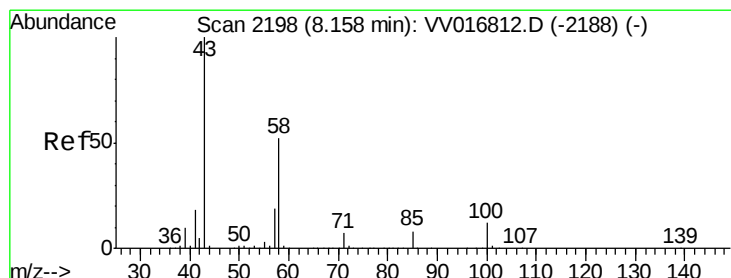
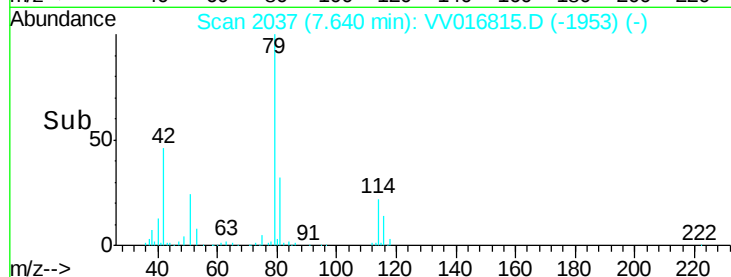
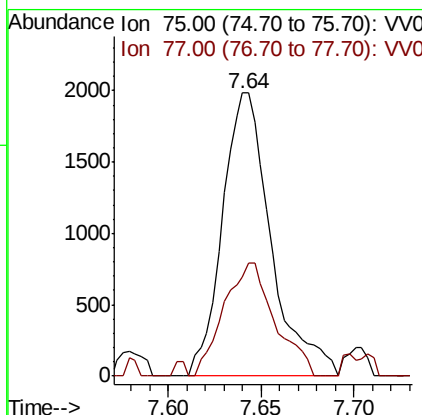
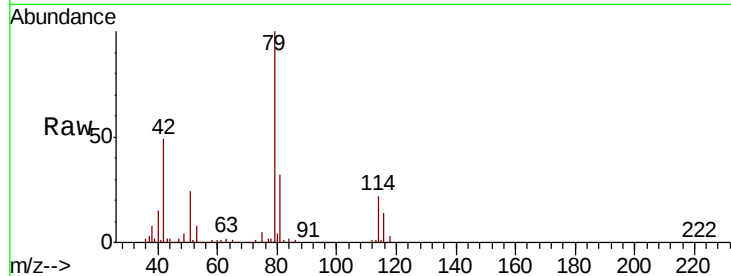




#44
trans-1,3-Dichloropropene
Concen: 0.938 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV016815.D
Acq: 11 Jun 2020 10:36

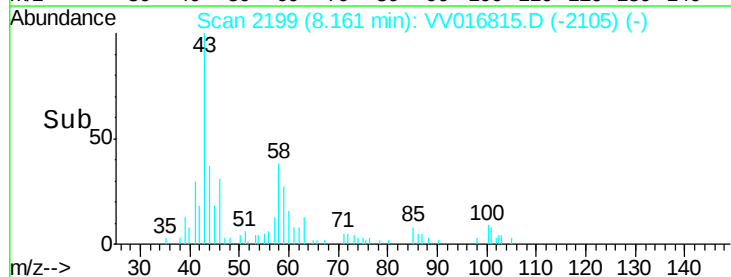
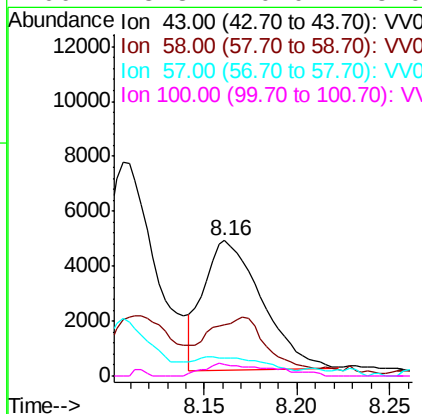
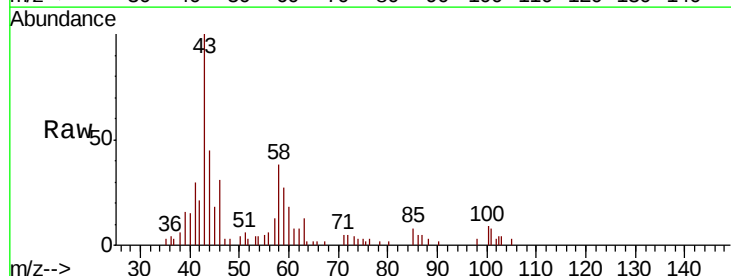
Instrument :
MSVOA_V
ClientSampleId :

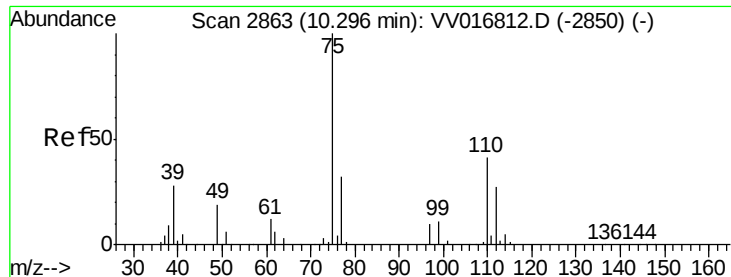
Tot Ion: 75 Resp: 3620
Ion Ratio Lower Upper
75 100
77 35.1 21.7 40.3



#48
2-Hexanone
Concen: 3.675 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV016815.D
Acq: 11 Jun 2020 10:36

Tgt Ion: 43 Resp: 10315
Ion Ratio Lower Upper
43 100
58 46.3 43.1 64.7
57 1.6 15.3 22.9#
100 5.8 10.0 15.0#





#59

1,2,3-Trichloropropane

Concen: 6.211 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.97 min

Lab File: VV016815.D

Acq: 11 Jun 2020 10:36

Instrument :

MSVOA_V

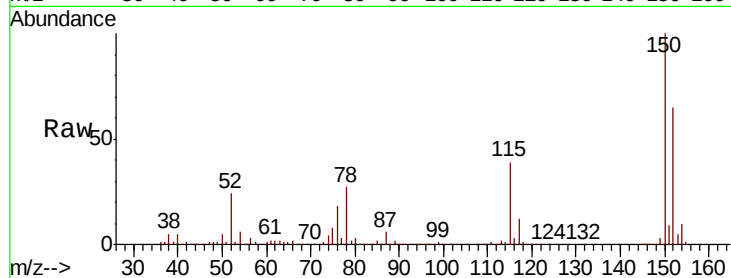
ClientSampleId :

Tot Ion: 75 Resp: 19687

Ion Ratio Lower Upper

75 100

77 36.6 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

