

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101920\
 Data File : VV018988.D
 Acq On : 20 Oct 2020 00:45
 Operator : SY/MD
 Sample : L4430-01 40X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AB0

Quant Time: Oct 20 03:25:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM101420WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 20 03:20:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290821	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	289898	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	134586	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	96544	40.33	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.66%
7) Chloroethane-d5	1.58	69	82956	43.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.48%
11) 1,1-Dichloroethene-d2	2.12	63	152046	33.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.28%
21) 2-Butanone-d5	3.91	46	168899	101.22	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.22%
24) Chloroform-d	4.37	84	203362	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.56%
26) 1,2-Dichloroethane-d4	5.06	65	142280	49.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.68%
32) Benzene-d6	5.07	84	391224	46.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.46%
36) 1,2-Dichloropropane-d6	6.09	67	120869	44.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.34%
41) Toluene-d8	7.34	98	314550	41.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.86%
43) trans-1,3-Dichloropropene-	7.64	79	55750	42.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.30%
47) 2-Hexanone-d5	8.11	63	82415	81.99	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.99%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	128883	40.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	132836	48.51	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.02%

Target Compounds

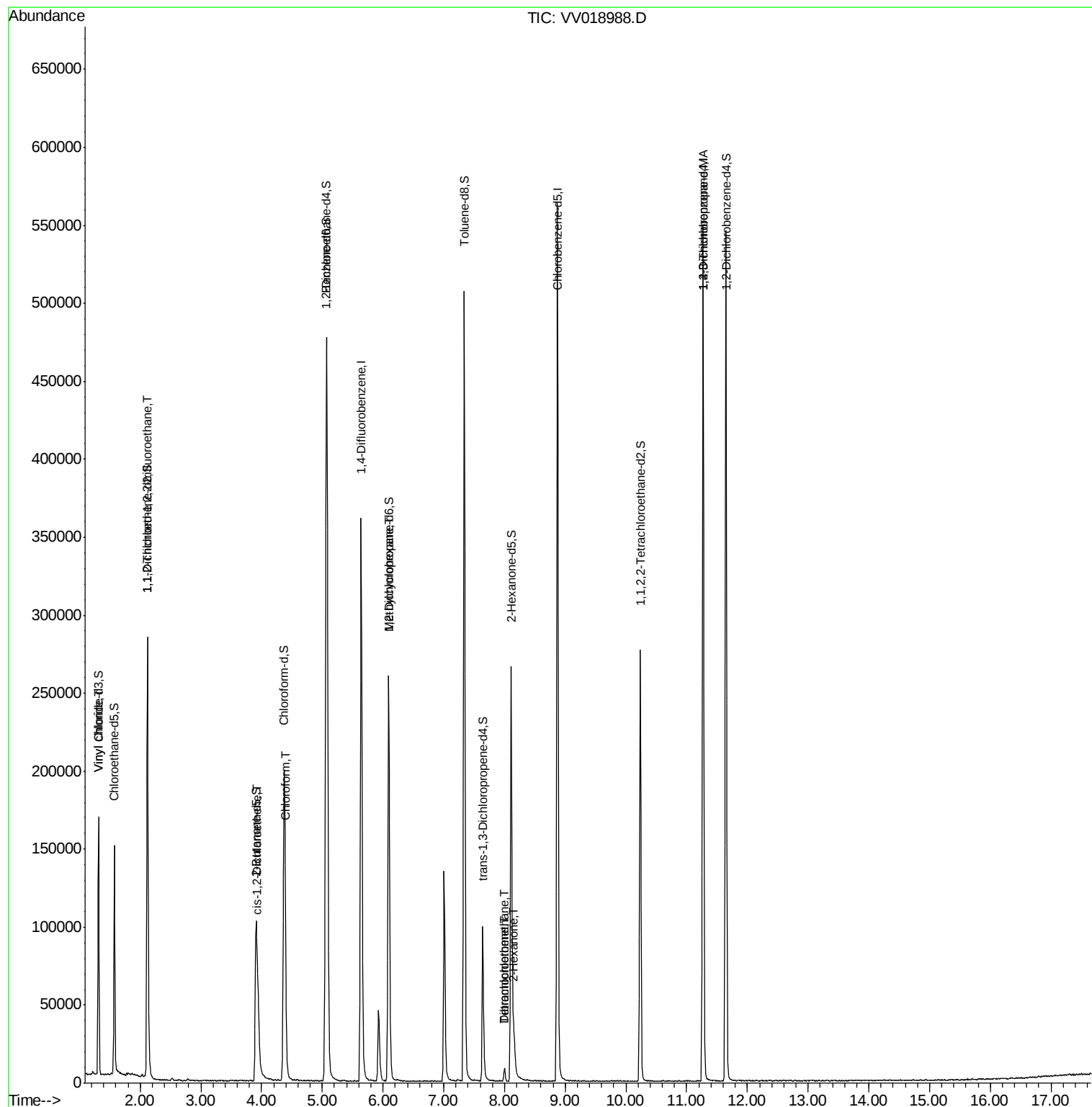
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	4823	1.757	ug/L #	76
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1405	0.745	ug/L #	20
20) cis-1,2-Dichloroethene	3.94	96	16397	7.289	ug/L	98
25) Chloroform	4.40	83	5852	1.409	ug/L	97
35) Methylcyclohexane	6.09	83	28721	9.254	ug/L #	16
46) Tetrachloroethene	8.00	164	2086	1.155	ug/L	85
48) 2-Hexanone	8.16	43	15760	6.059	ug/L #	81
49) Dibromochloromethane	8.00	129	1563	0.667	ug/L #	10
59) 1,2,3-Trichloropropane	11.27	75	15807	5.489	ug/L #	85

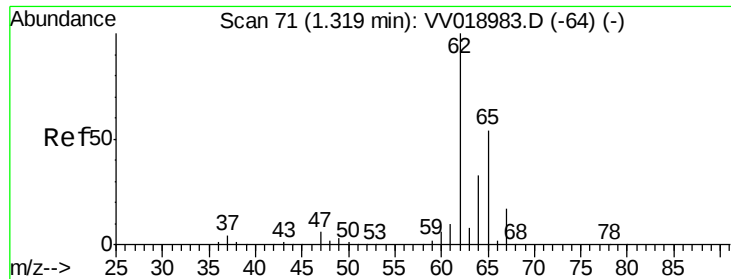
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Oct 20 03:20:26 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.757 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampled :

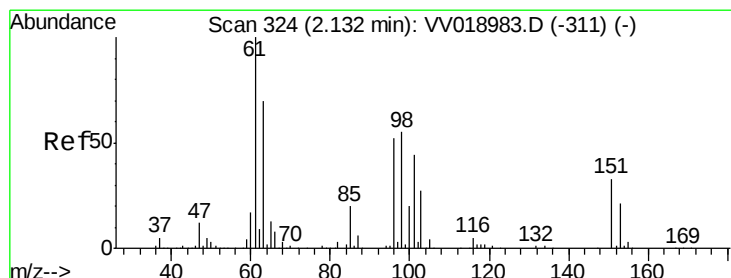
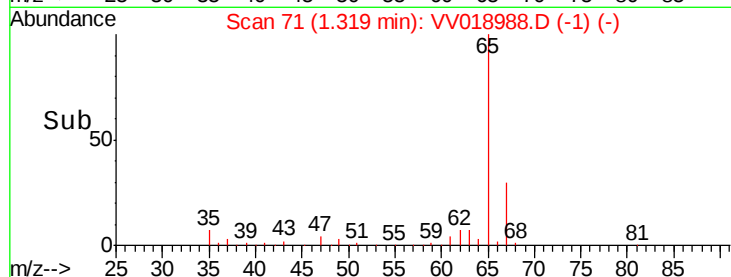
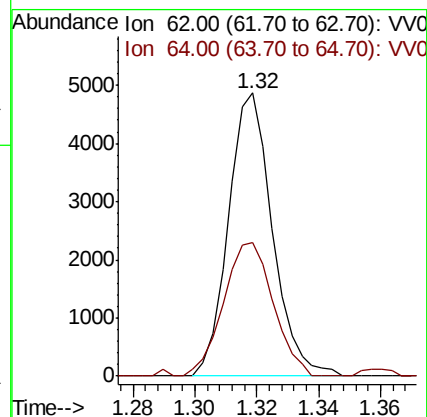
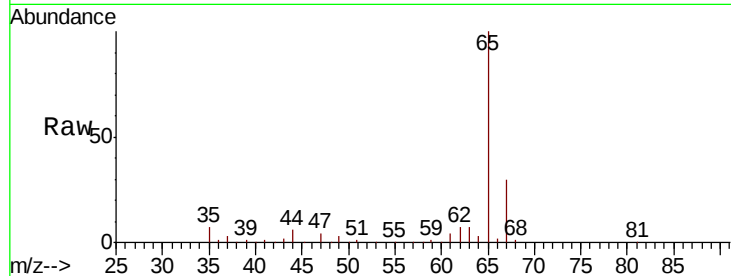
C0AB0

Tot Ion: 62 Resp: 4823

Ion Ratio Lower Upper

62 100

64 47.0 23.2 43.2#



#10

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

Concen: 0.745 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

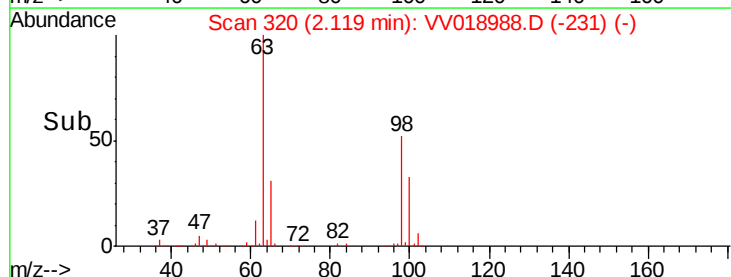
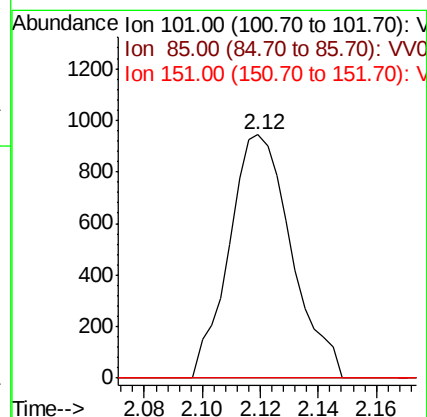
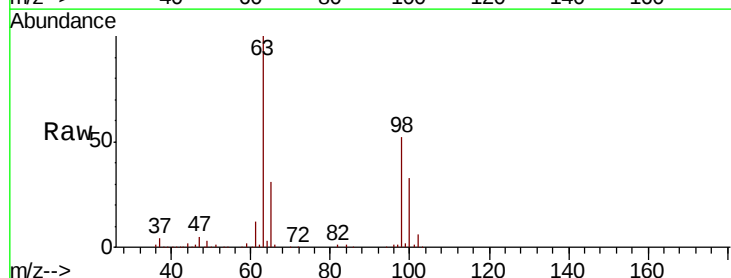
Tgt Ion:101 Resp: 1405

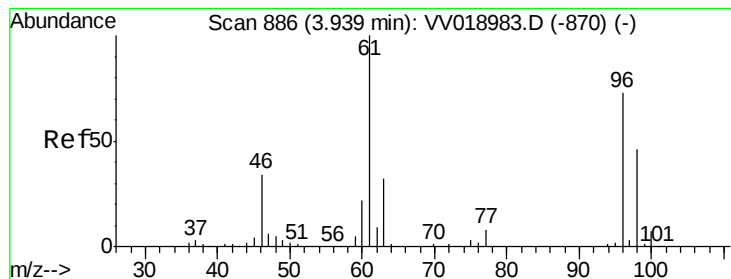
Ion Ratio Lower Upper

101 100

85 0.0 35.0 52.4#

151 0.0 59.7 89.5#





#20

cis-1,2-Dichloroethene

Concen: 7.289 ug/L

RT: 3.94 min Scan# 886

Delta R.T. -0.00 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

C0AB0

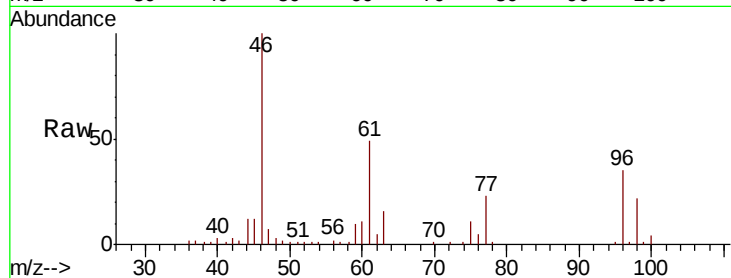
Tot Ion: 96 Resp: 16397

Ion Ratio Lower Upper

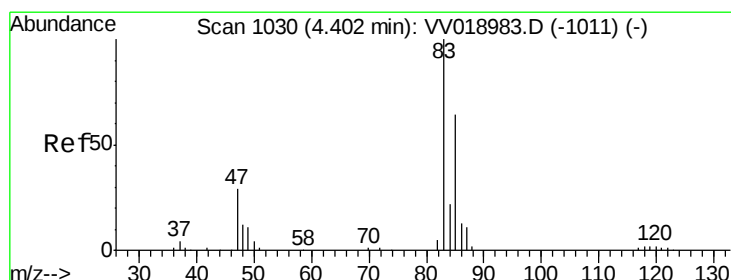
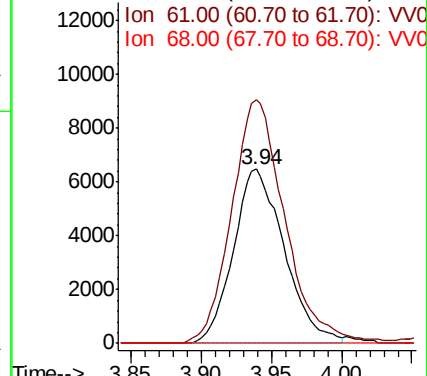
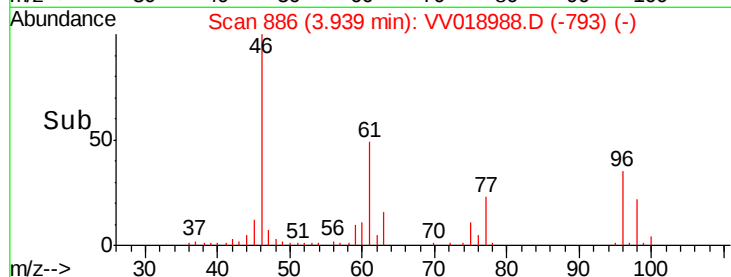
96 100

61 139.6 96.1 178.5

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV018988.D (-937) (-)



#25

Chloroform

Concen: 1.409 ug/L

RT: 4.40 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VV018988.D

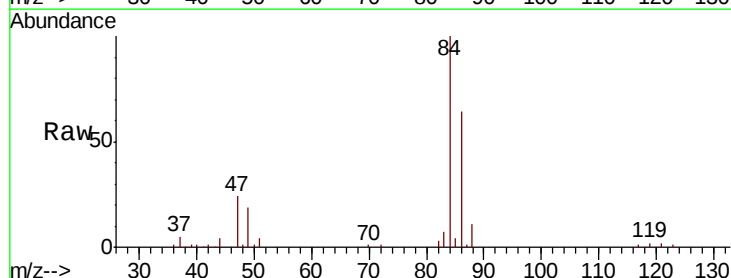
Acq: 20 Oct 2020 00:45

Tgt Ion: 83 Resp: 5852

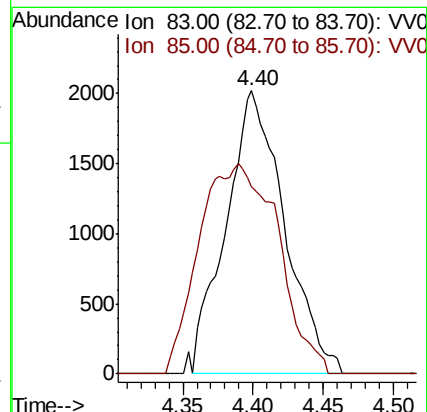
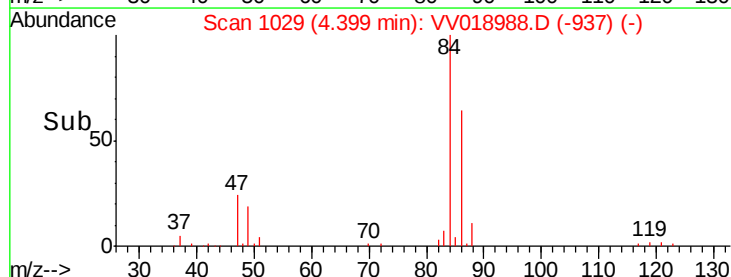
Ion Ratio Lower Upper

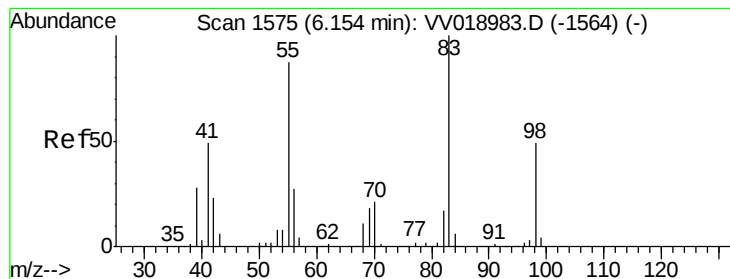
83 100

85 66.2 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV018988.D (-937) (-)





#35

Methylcyclohexane

Concen: 9.254 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.06 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

C0AB0

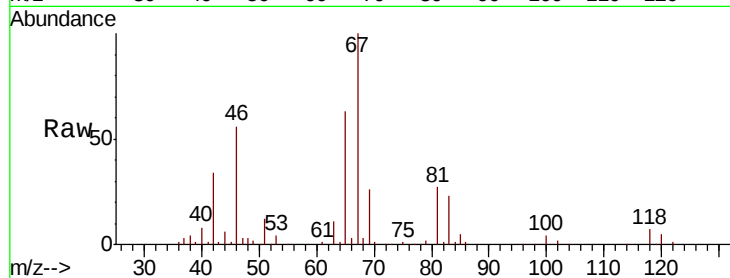
Tot Ion: 83 Resp: 28721

Ion Ratio Lower Upper

83 100

55 0.7 67.3 100.9#

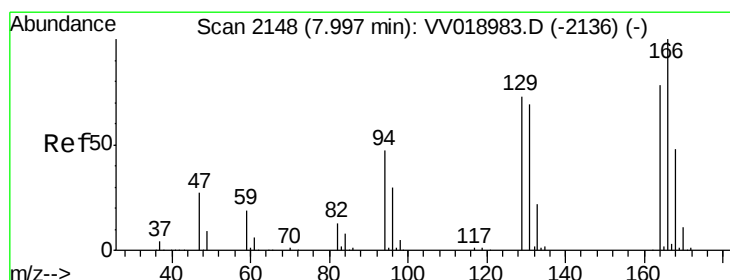
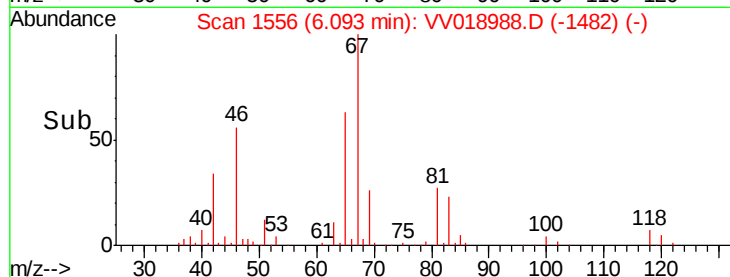
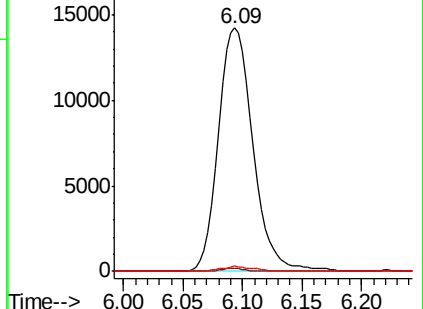
98 1.3 37.9 56.9#



Abundance Ion 83.00 (82.70 to 83.70): VV018988.D (-1564) (-)

Ion 55.00 (54.70 to 55.70): VV018988.D (-1564) (-)

Ion 98.00 (97.70 to 98.70): VV018988.D (-1564) (-)



#46

Tetrachloroethene

Concen: 1.155 ug/L

RT: 8.00 min Scan# 2150

Delta R.T. 0.01 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

Tgt Ion: 164 Resp: 2086

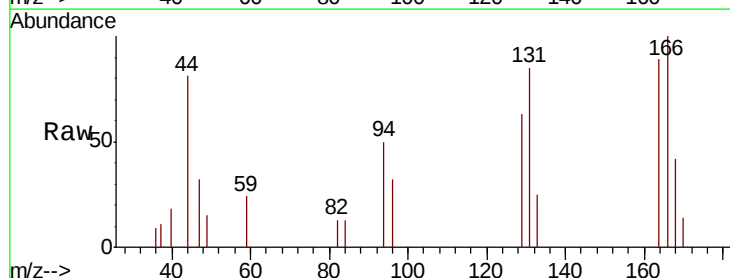
Ion Ratio Lower Upper

164 100

129 71.0 65.0 120.8

131 96.0 62.9 116.7

166 112.6 91.1 169.3

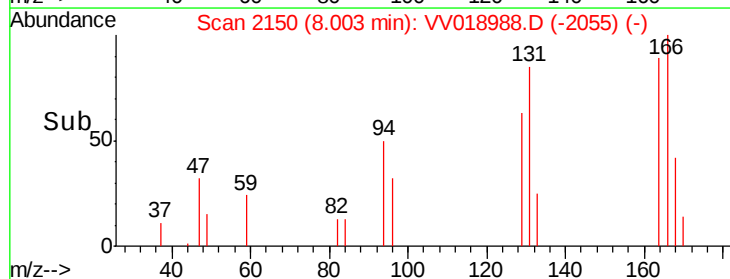
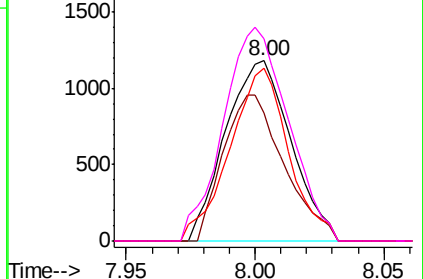


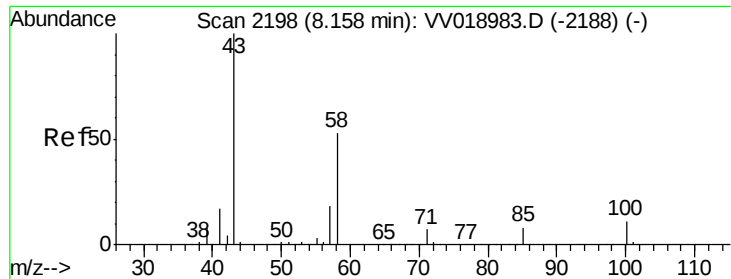
Abundance Ion 164.00 (163.70 to 164.70): VV018988.D (-2055) (-)

Ion 129.00 (128.70 to 129.70): VV018988.D (-2055) (-)

Ion 131.00 (130.70 to 131.70): VV018988.D (-2055) (-)

Ion 166.00 (165.70 to 166.70): VV018988.D (-2055) (-)

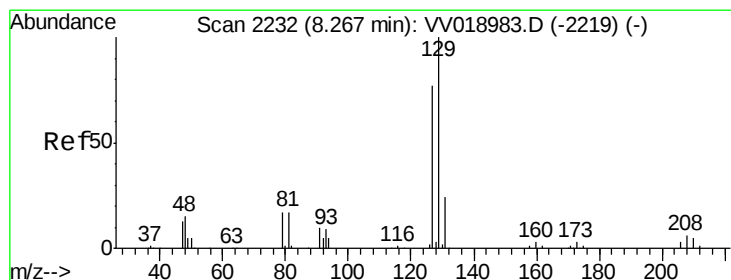
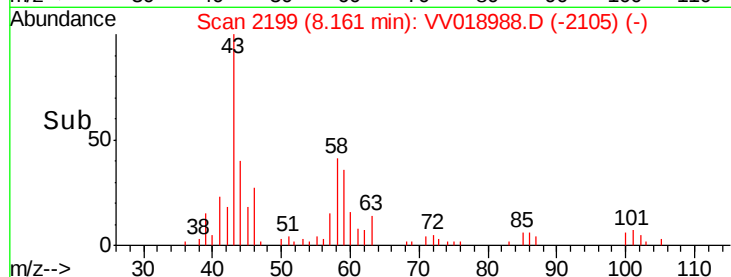
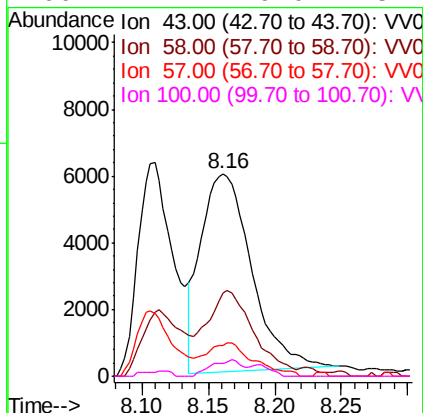
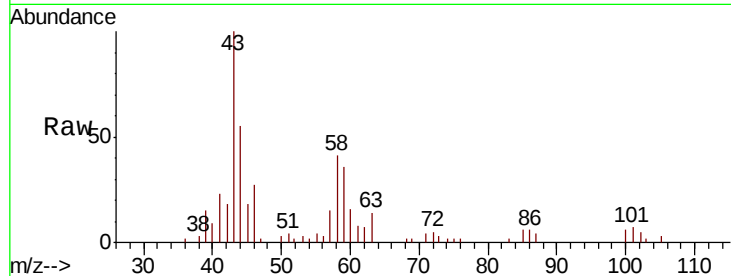




#48
2-Hexanone
Concen: 6.059 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.00 min
Lab File: VV018988.D
Acq: 20 Oct 2020 00:45

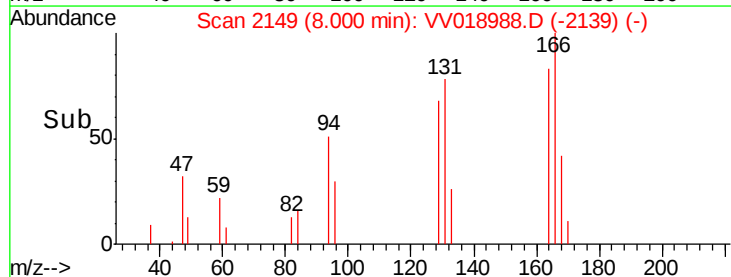
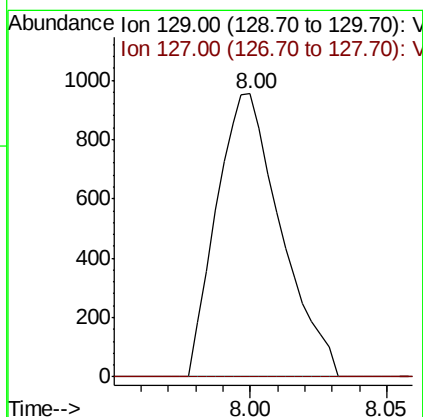
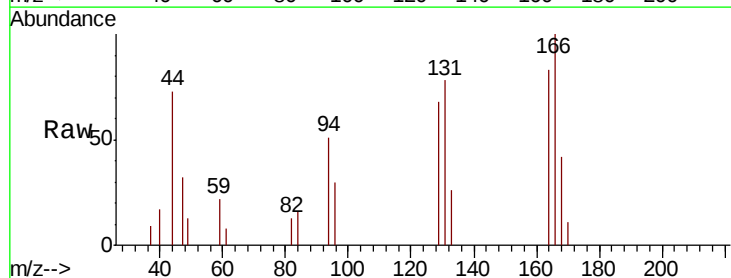
Instrument :
MSVOA_V
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C0AB0

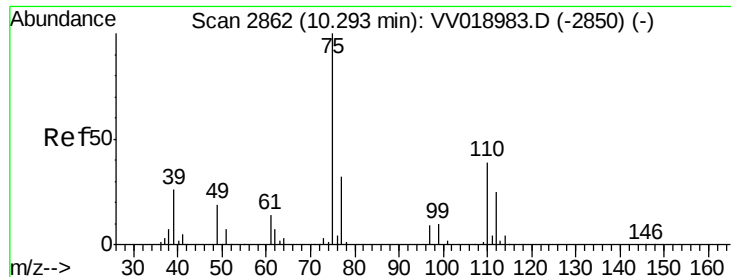
Tot Ion: 43 Resp: 15760
Ion Ratio Lower Upper
43 100
58 38.0 42.5 63.7#
57 14.5 14.5 21.7
100 2.4 9.0 13.4#



#49
Dibromochloromethane
Concen: 0.667 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV018988.D
Acq: 20 Oct 2020 00:45

Tgt Ion: 129 Resp: 1563
Ion Ratio Lower Upper
129 100
127 0.0 55.2 102.6#





#59

1,2,3-Trichloropropane

Concen: 5.489 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018988.D

Acq: 20 Oct 2020 00:45

Instrument :

MSVOA_V

ClientSampleId :

C0AB0

Tot Ion: 75 Resp: 15807

Ion Ratio Lower Upper

75 100

77 39.9 25.4 38.2#

