

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110520\
 Data File : VV019249.D
 Acq On : 04 Nov 2020 15:13
 Operator : SY/MD
 Sample : L4615-03ME 10X
 Misc : 6.02g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 02:29:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 02:20:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171397	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	168221	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84098	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	65685	48.22	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.44%
7) Chloroethane-d5	1.58	69	60117	56.81	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	113.62%
11) 1,1-Dichloroethene-d2	2.12	63	112201	43.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.60%
21) 2-Butanone-d5	3.90	46	103136	123.63	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	123.63%
24) Chloroform-d	4.37	84	148600	58.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.30%
26) 1,2-Dichloroethane-d4	5.05	65	107659	60.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.96%
32) Benzene-d6	5.07	84	285344	59.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.60%
36) 1,2-Dichloropropane-d6	6.09	67	87931	61.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	123.60%#
41) Toluene-d8	7.33	98	262276	57.22	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.44%
43) trans-1,3-Dichloropropene-	7.64	79	46970	57.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	114.10%
47) 2-Hexanone-d5	8.11	63	70222	113.96	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.96%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	111248	57.99	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.98%
64) 1,2-Dichlorobenzene-d4	11.65	152	113573	64.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	128.56%#

Target Compounds

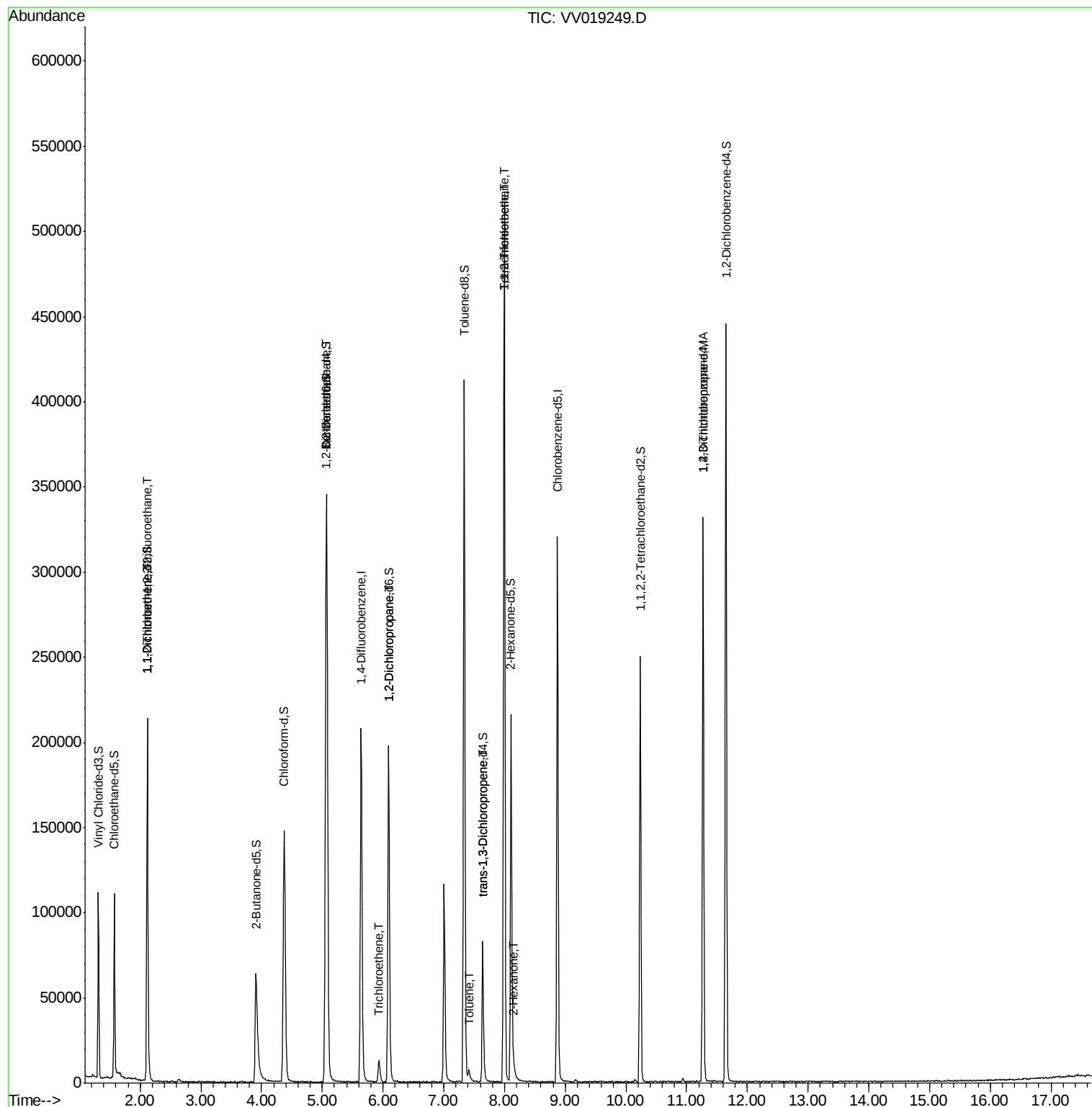
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	973	0.867	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	970	0.883	ug/L #	1
27) 1,2-Dichloroethane	5.07	62	2329	1.151	ug/L #	76
34) Trichloroethene	5.94	95	1712	1.288	ug/L	95
37) 1,2-Dichloropropane	6.09	63	11134	9.244	ug/L #	85
42) Toluene	7.41	91	5197	0.977	ug/L	94
44) trans-1,3-Dichloropropene	7.64	75	2217	1.071	ug/L	92
45) 1,1,2-Trichloroethane	7.99	97	986	0.816	ug/L #	15
46) Tetrachloroethene	8.00	164	115025	101.381	ug/L	98
48) 2-Hexanone	8.16	43	2174	1.646	ug/L #	42
59) 1,2,3-Trichloropropane	11.27	75	8964	5.693	ug/L	89

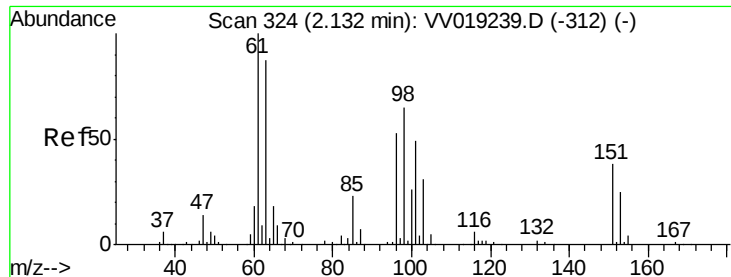
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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MSVOA_V
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Quant Time: Nov 05 02:29:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 05 02:20:23 2020
Response via : Initial Calibration





#10

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

Concen: 0.867 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV019249.D

Acq: 04 Nov 2020 15:13

Instrument :

MSVOA_V

ClientSampleId :

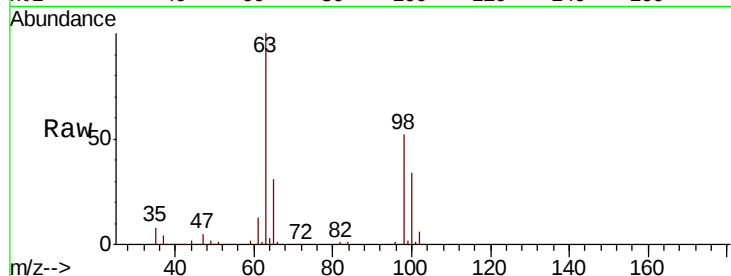
Tot Ion:101 Resp: 973

Ion Ratio Lower Upper

101 100

85 0.0 36.1 54.1#

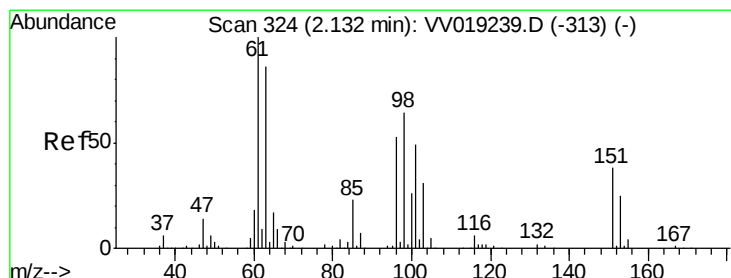
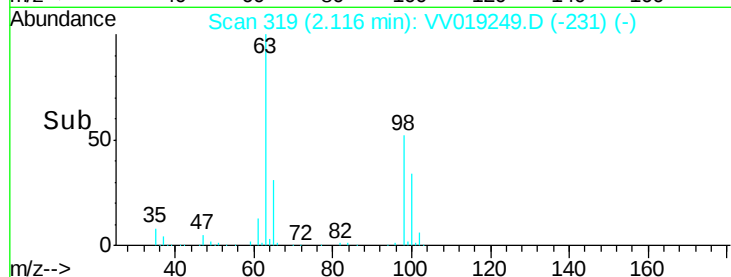
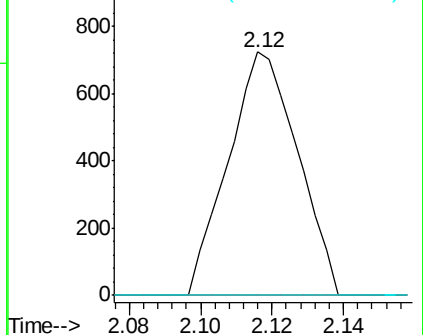
151 0.0 65.0 97.4#



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: 0.883 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.02 min

Lab File: VV019249.D

Acq: 04 Nov 2020 15:13

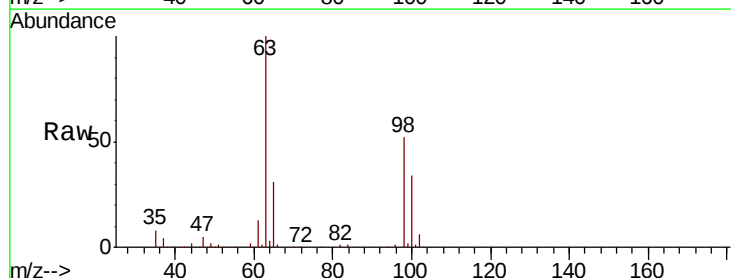
Tgt Ion: 96 Resp: 970

Ion Ratio Lower Upper

96 100

61 1386.4 132.6 246.2#

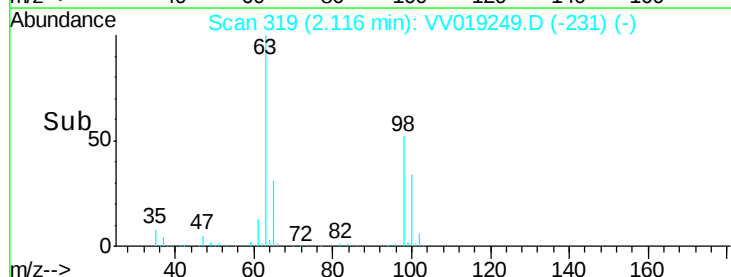
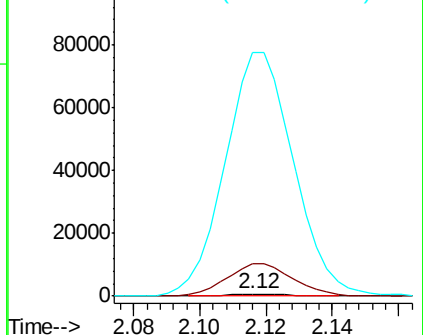
63 10499.7 108.4 201.4#

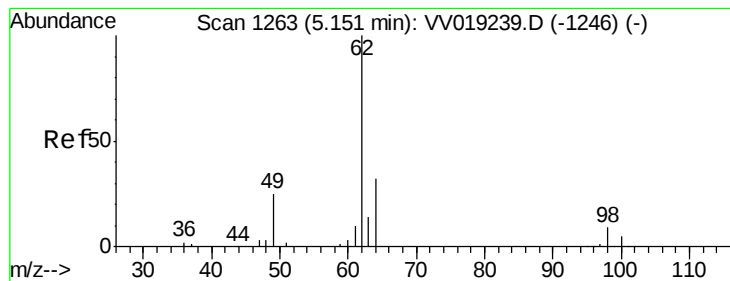


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#27

1,2-Dichloroethane

Concen: 1.151 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV019249.D

Acq: 04 Nov 2020 15:13

Instrument :

MSVOA_V

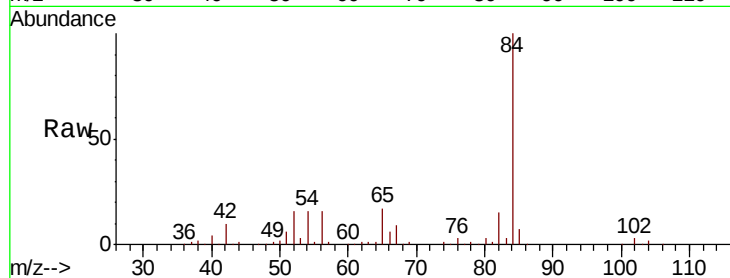
ClientSampleId :

Tot Ion: 62 Resp: 2329

Ion Ratio Lower Upper

62 100

98 0.0 6.8 10.2#



Abundance Ion 62.00 (61.70 to 62.70): VV019239.D (-1246) (-)

Ion 98.00 (97.70 to 98.70): VV019239.D (-1246) (-)

5.07

1000

800

600

400

200

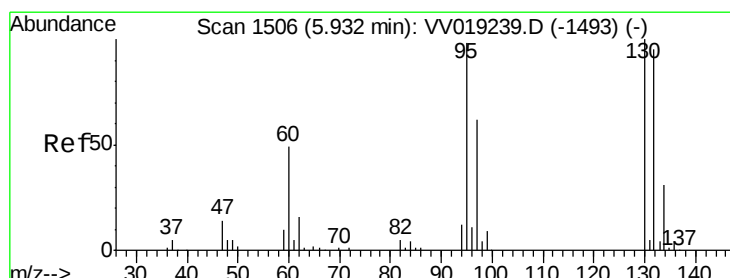
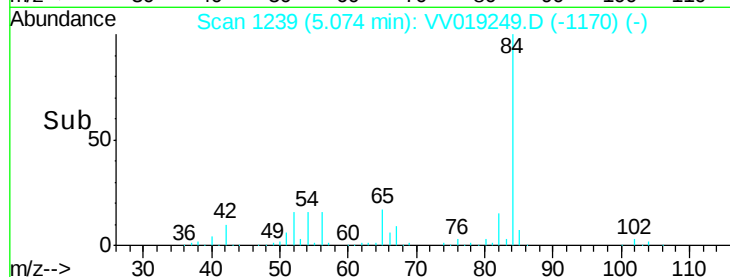
0

Time-->

5.00

5.05

5.10



#34

Trichloroethene

Concen: 1.288 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.01 min

Lab File: VV019249.D

Acq: 04 Nov 2020 15:13

Tgt Ion: 95 Resp: 1712

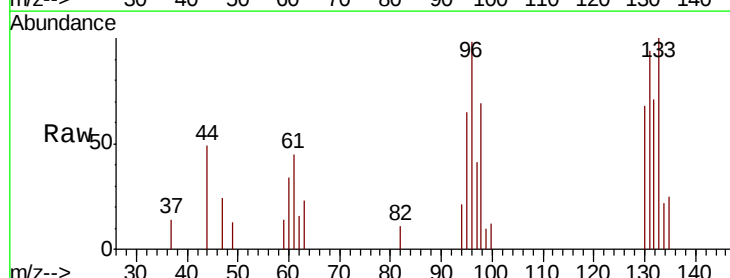
Ion Ratio Lower Upper

95 100

97 63.6 43.4 80.6

132 110.5 69.7 129.4

130 105.7 72.4 134.5



Abundance Ion 95.00 (94.70 to 95.70): VV019239.D (-1493) (-)

Ion 97.00 (96.70 to 97.70): VV019239.D (-1493) (-)

Ion 132.00 (131.70 to 132.70): VV019239.D (-1493) (-)

Ion 130.00 (129.70 to 130.70): VV019239.D (-1493) (-)

1200

1000

800

600

400

200

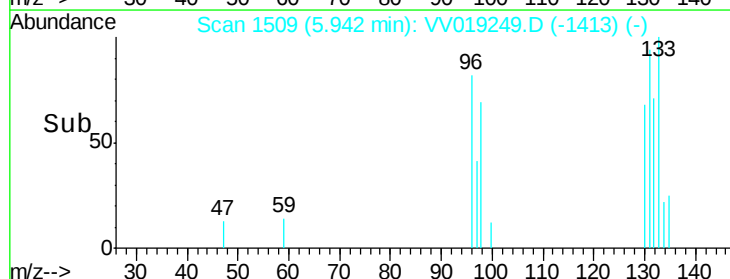
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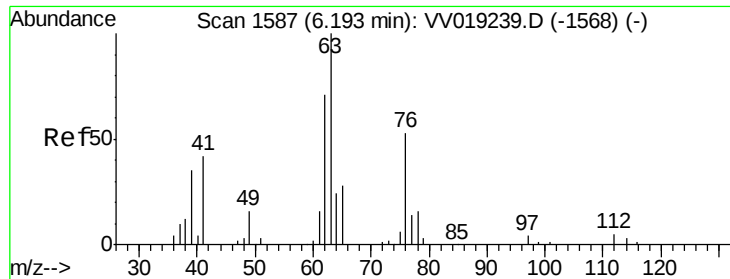
Time-->

5.90

5.95

6.00

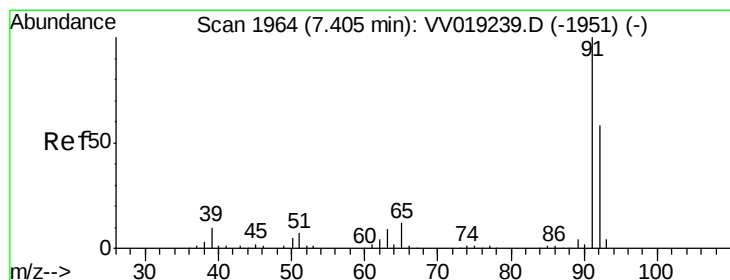
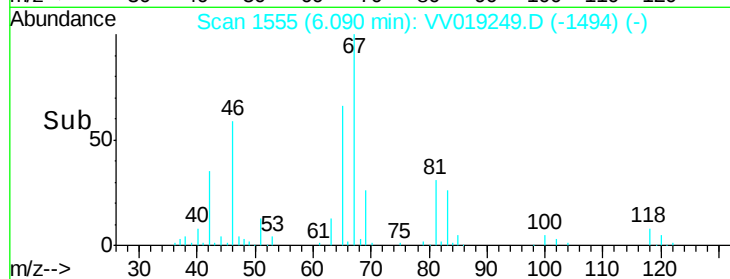
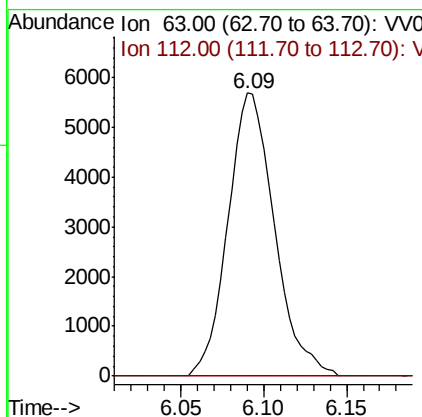
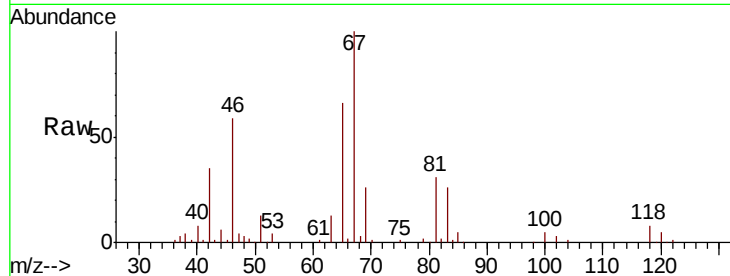




#37
 1,2-Dichloropropane
 Concen: 9.244 ug/L
 RT: 6.09 min Scan# 1555
 Delta R.T. -0.10 min
 Lab File: VV019249.D
 Acq: 04 Nov 2020 15:13

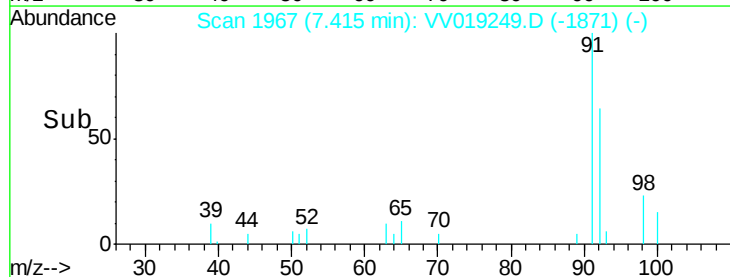
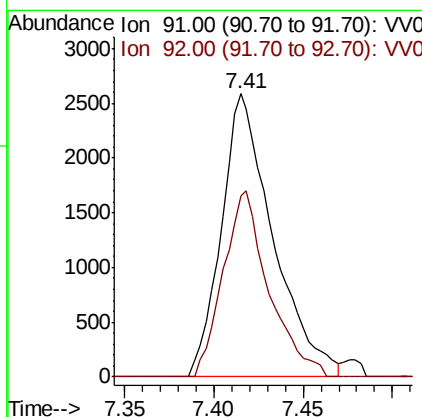
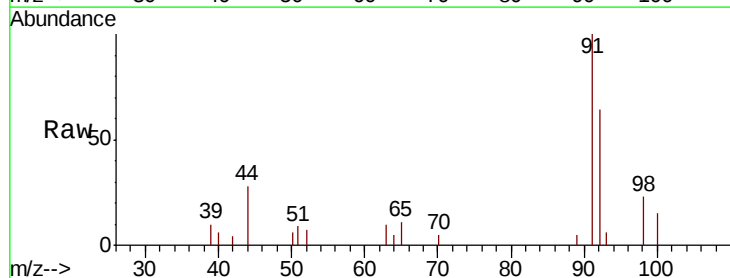
Instrument :
 MSVOA_V
 ClientSampled :

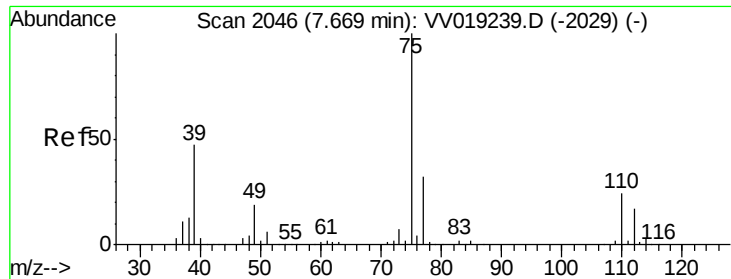
Tot Ion: 63 Resp: 11134
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 Toluene
 Concen: 0.977 ug/L
 RT: 7.41 min Scan# 1967
 Delta R.T. 0.01 min
 Lab File: VV019249.D
 Acq: 04 Nov 2020 15:13

Tgt Ion: 91 Resp: 5197
 Ion Ratio Lower Upper
 91 100
 92 63.9 41.5 77.1

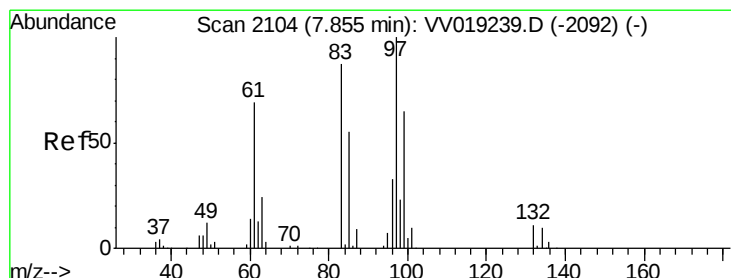
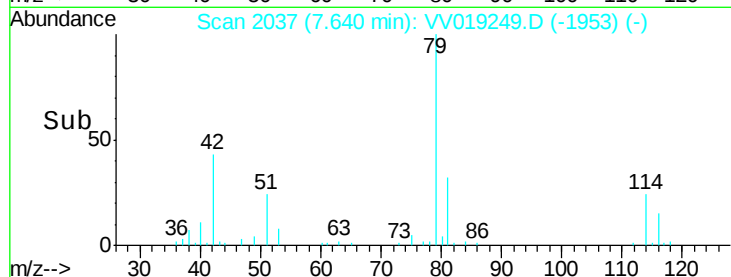
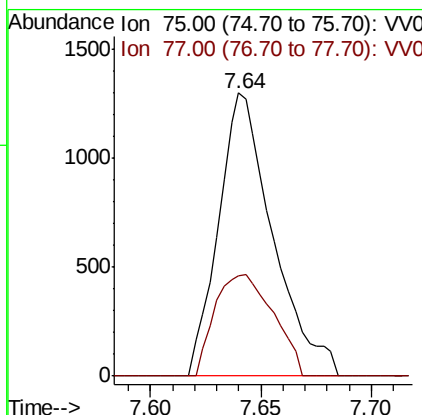
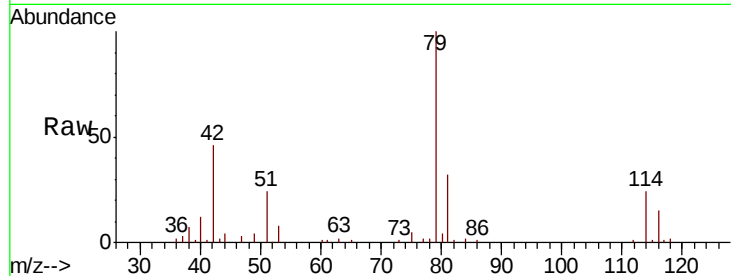




#44
trans-1,3-Dichloropropene
Concen: 1.071 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019249.D
Acq: 04 Nov 2020 15:13

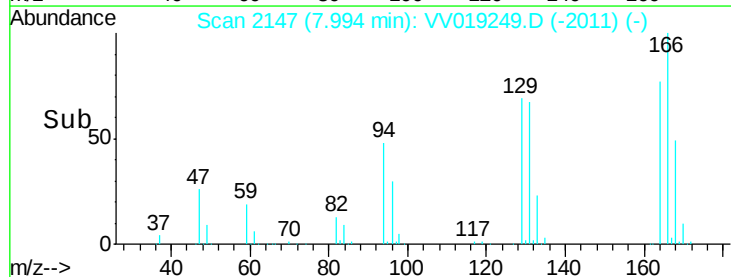
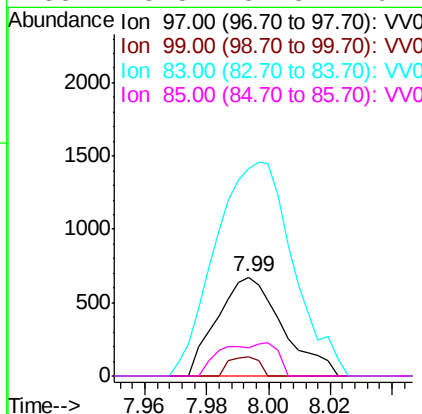
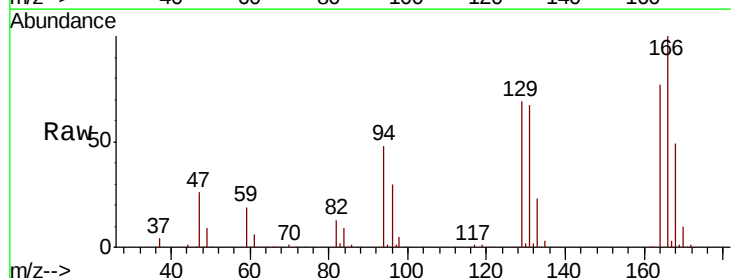
Instrument :
MSVOA_V
ClientSampled :

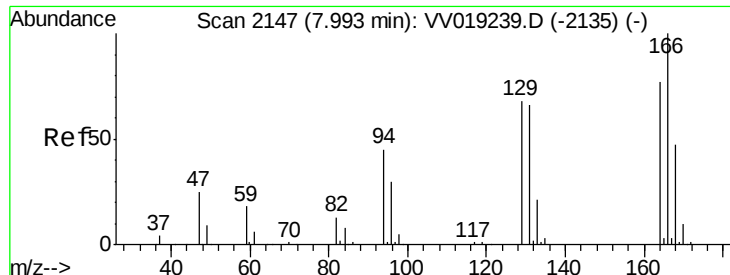
Tot Ion: 75 Resp: 2217
Ion Ratio Lower Upper
75 100
77 35.6 21.8 40.4



#45
1,1,2-Trichloroethane
Concen: 0.816 ug/L
RT: 7.99 min Scan# 2147
Delta R.T. 0.14 min
Lab File: VV019249.D
Acq: 04 Nov 2020 15:13

Tgt Ion: 97 Resp: 986
Ion Ratio Lower Upper
97 100
99 19.0 43.1 80.1#
83 209.8 58.3 108.3#
85 28.8 37.8 70.2#

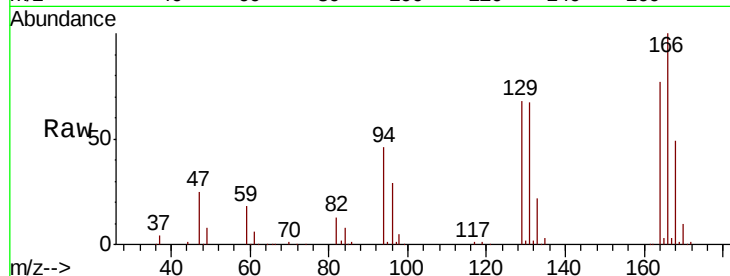




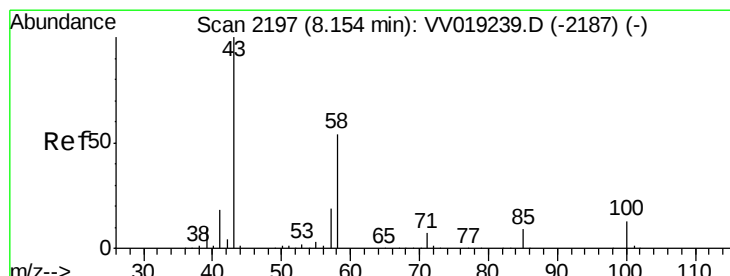
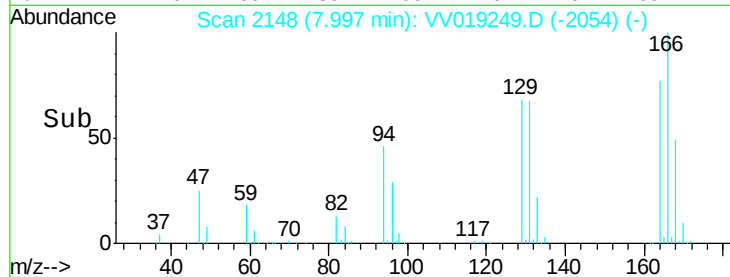
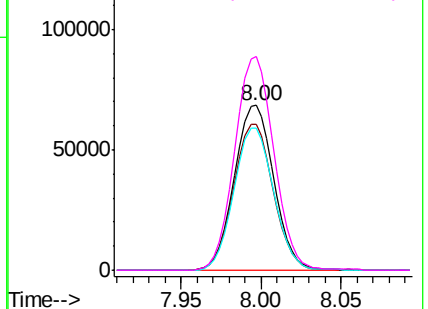
#46
Tetrachloroethene
Concen: 101.381 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV019249.D
Acq: 04 Nov 2020 15:13

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 115025
Ion Ratio Lower Upper
164 100
129 88.6 63.2 117.4
131 86.2 60.3 112.1
166 129.4 88.3 163.9

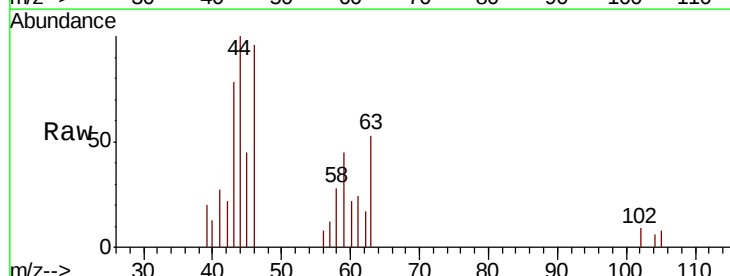


Abundance Ion 164.00 (163.70 to 164.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 131.00 (130.70 to 131.70): V
Ion 166.00 (165.70 to 166.70): V

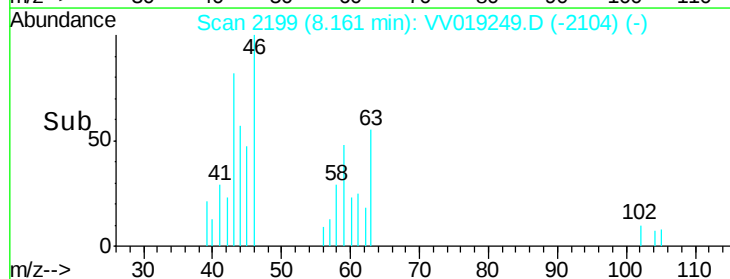
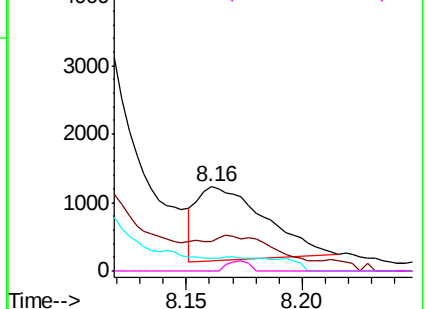


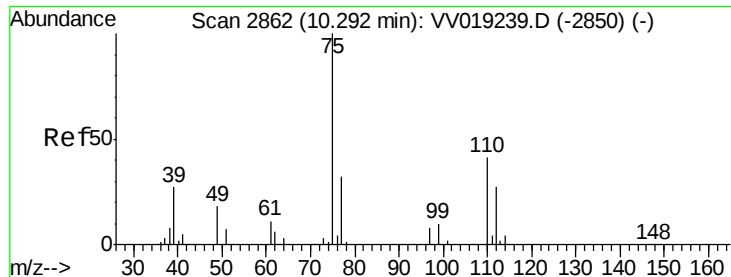
#48
2-Hexanone
Concen: 1.646 ug/L
RT: 8.16 min Scan# 2199
Delta R.T. 0.01 min
Lab File: VV019249.D
Acq: 04 Nov 2020 15:13

Tgt Ion: 43 Resp: 2174
Ion Ratio Lower Upper
43 100
58 2.6 43.6 65.4#
57 0.0 16.0 24.0#
100 4.5 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





#59

1,2,3-Trichloropropane

Concen: 5.693 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019249.D

Acq: 04 Nov 2020 15:13

Instrument :

MSVOA_V

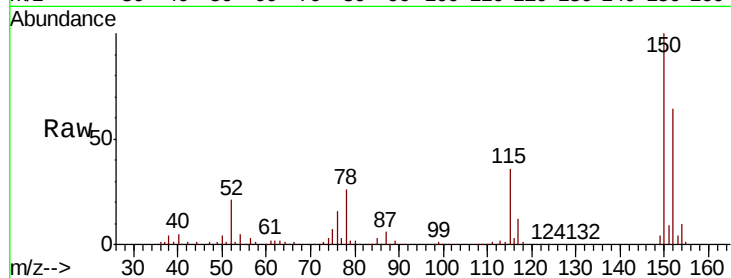
ClientSampleId :

Tot Ion: 75 Resp: 8964

Ion Ratio Lower Upper

75 100

77 38.7 26.2 39.4



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

