

Data File : VV015947.D
Acq On : 07 May 2020 18:41
Operator : SY/MD
Sample : L2519-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Quant Time: May 08 05:16:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	144919	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142911	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67405	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	38238	4.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.20%
7) Chloroethane-d5	1.58	69	36675	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	2.12	63	60586	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.97	46	115835	51.65	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.30%
24) Chloroform-d	4.38	84	86507	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.06	65	51875	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.07	84	170944	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	52640	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.34	98	153911	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.65	79	18641	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
48) 2-Hexanone-d5	8.12	63	87925	49.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.26%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36857	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	56948	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

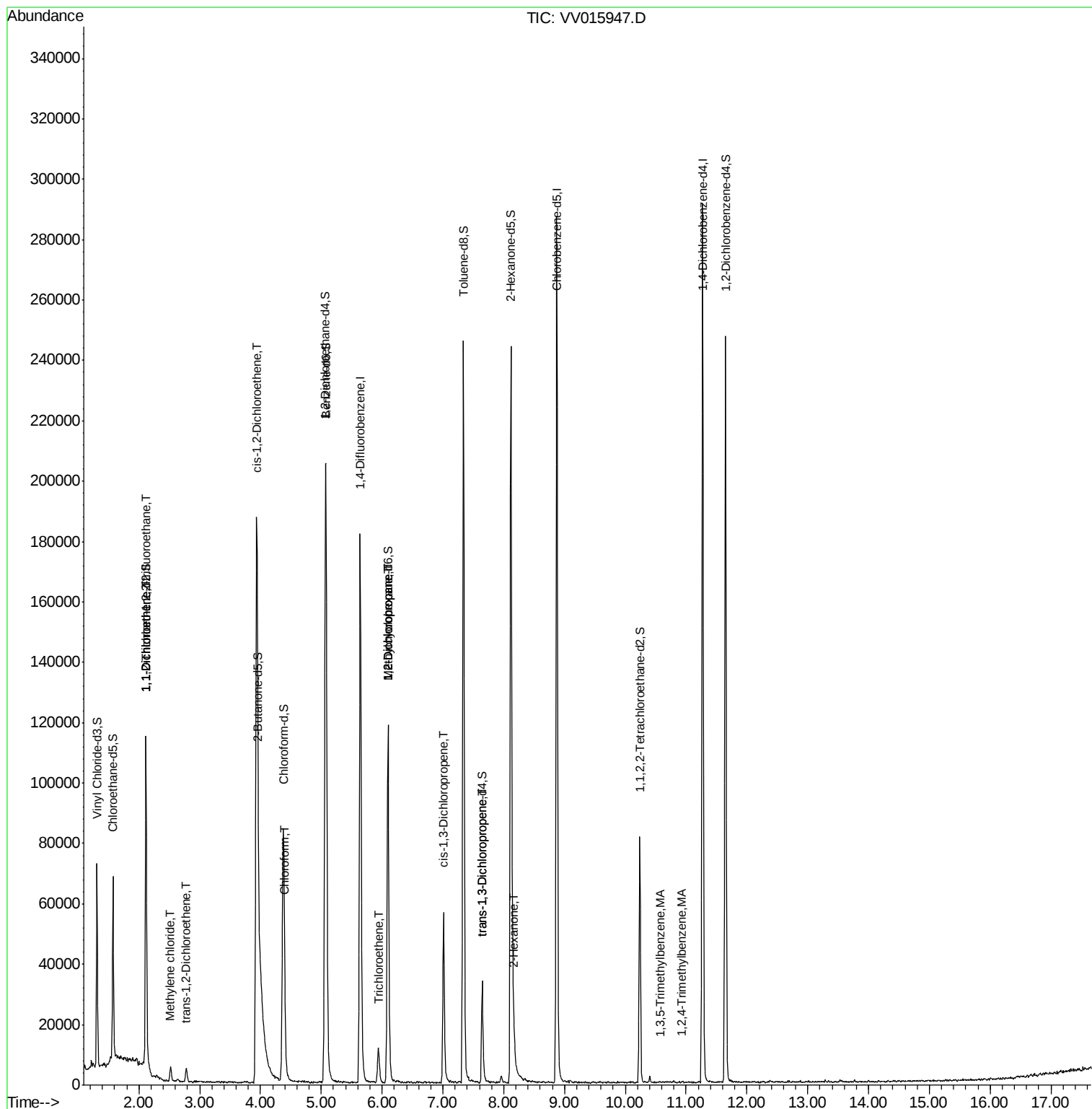
					Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	793	0.095 ug/L #	36
12) 1,1-Dichloroethene	2.12	96	638	0.080 ug/L #	1
16) Methylene chloride	2.52	84	2007	0.210 ug/L	89
18) trans-1,2-Dichloroethene	2.78	96	1625	0.184 ug/L	93
22) cis-1,2-Dichloroethene	3.94	96	89128	9.660 ug/L	100
25) Chloroform	4.41	83	4937	0.264 ug/L	96
34) Trichloroethene	5.94	95	3368	0.328 ug/L	91
35) Methylcyclohexane	6.09	83	13465	0.867 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6788	0.743 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1615	0.125 ug/L #	52
43) 1,3,5-Trimethylbenzene	10.58	105	43	0.001 ug/L #	100
44) 1,2,4-Trimethylbenzene	10.94	105	237	0.007 ug/L #	100
46) trans-1,3-Dichloropropene	7.65	75	1095	0.100 ug/L	100
50) 2-Hexanone	8.17	43	4610	1.145 ug/L #	84

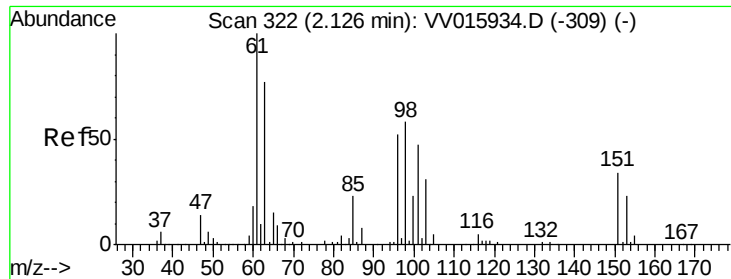
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV015947.D
Acq On : 07 May 2020 18:41
Operator : SY/MD
Sample : L2519-02DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Quant Time: May 08 05:16:52 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 08 05:09:03 2020
Response via : Initial Calibration





#10

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

Concen: 0.095 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015947.D

Acq: 07 May 2020 18:41

Instrument :

MSVOA_V

ClientSampleId :

BFRR9DL

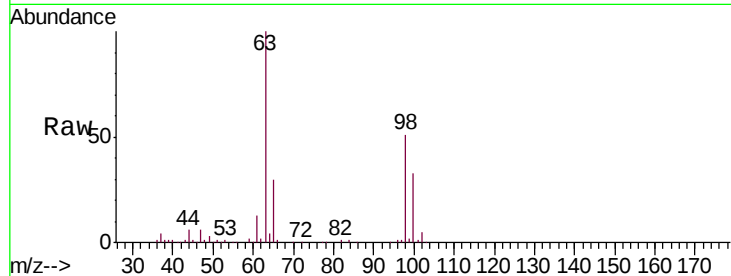
Tgt Ion: 101 Resp: 793

Ion Ratio Lower Upper

101 100

85 2.9 35.7 53.5#

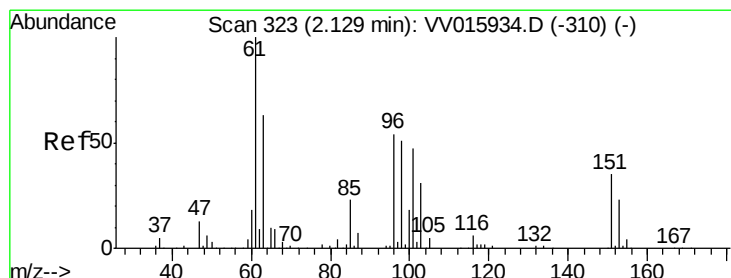
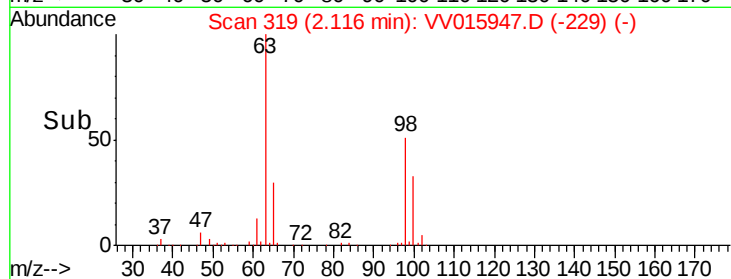
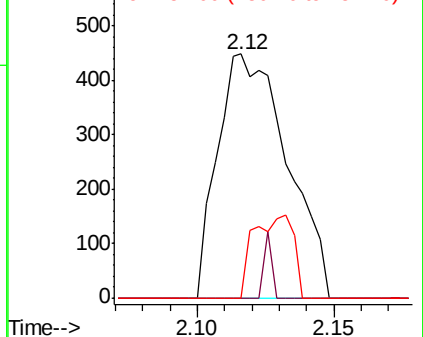
151 19.2 58.0 87.0#



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: 0.080 ug/L

RT: 2.12 min Scan# 319

Delta R.T. -0.01 min

Lab File: VV015947.D

Acq: 07 May 2020 18:41

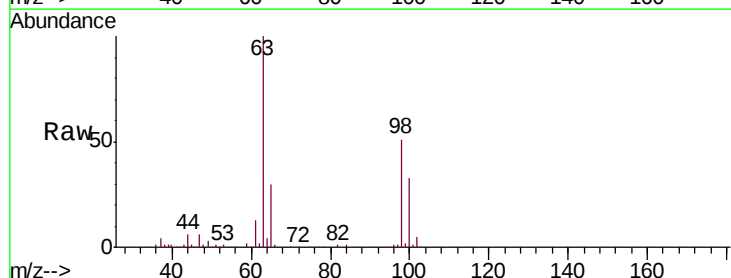
Tgt Ion: 96 Resp: 638

Ion Ratio Lower Upper

96 100

61 1382.7 139.9 259.7#

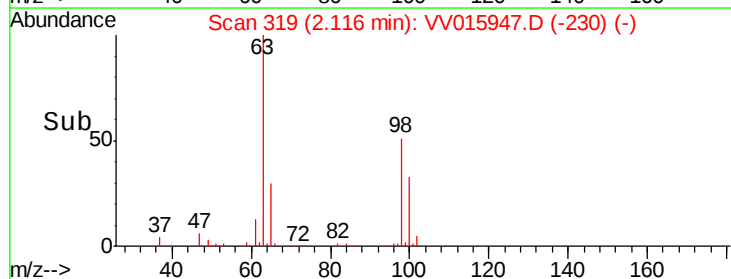
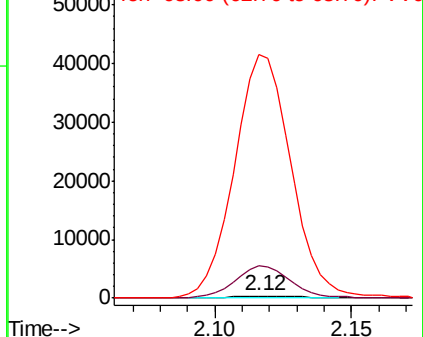
63 10593.9 106.4 197.6#

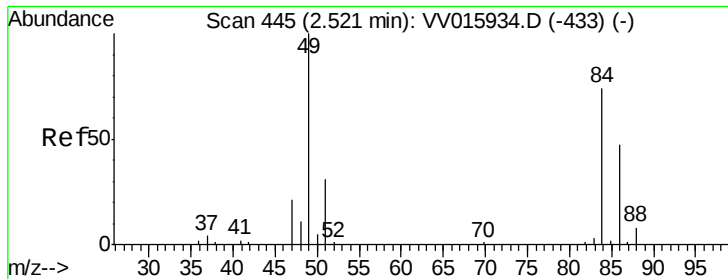


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

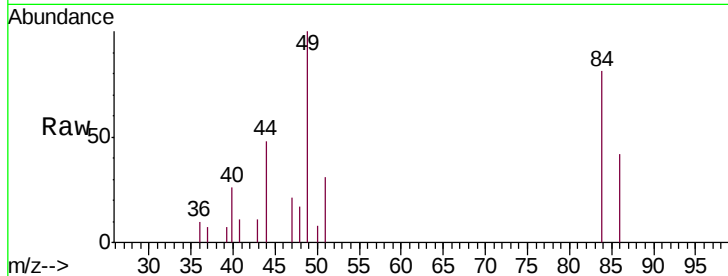




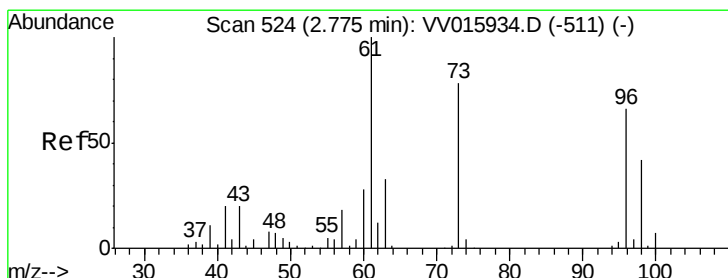
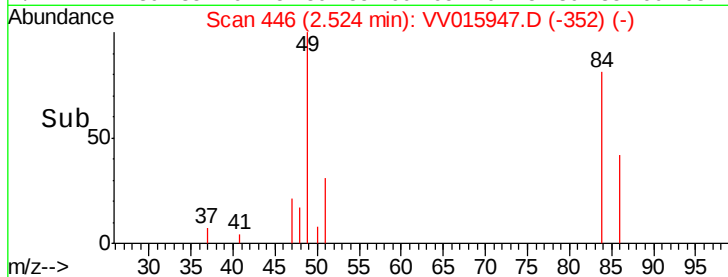
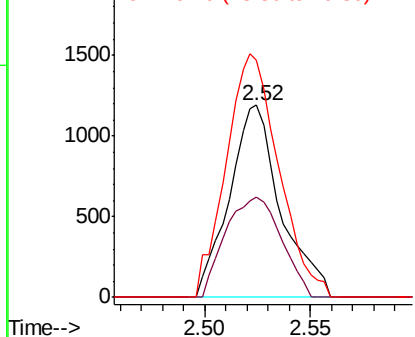
#16
Methylene chloride
Concen: 0.210 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Tgt Ion: 84 Resp: 2007
Ion Ratio Lower Upper
84 100
86 52.0 45.6 84.8
49 123.3 93.6 173.8

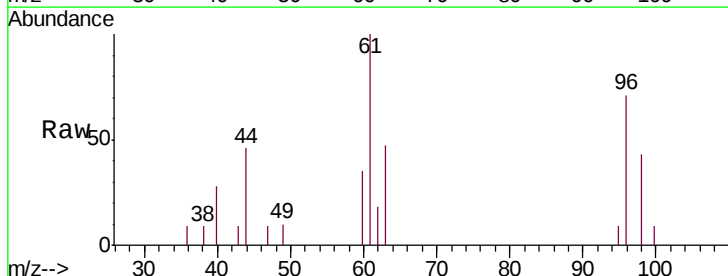


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

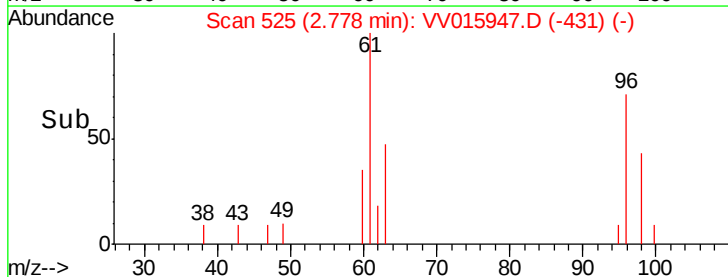
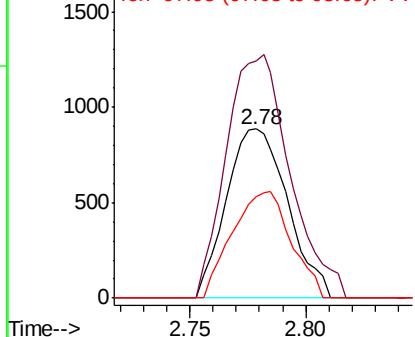


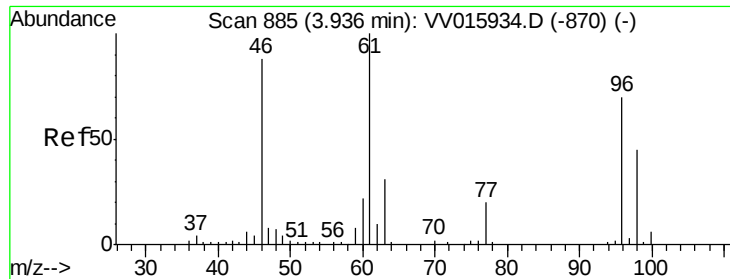
#18
trans-1,2-Dichloroethene
Concen: 0.184 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Tgt Ion: 96 Resp: 1625
Ion Ratio Lower Upper
96 100
61 140.5 105.3 195.5
98 60.0 44.0 81.6



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 97.95 (97.65 to 98.65): VV0

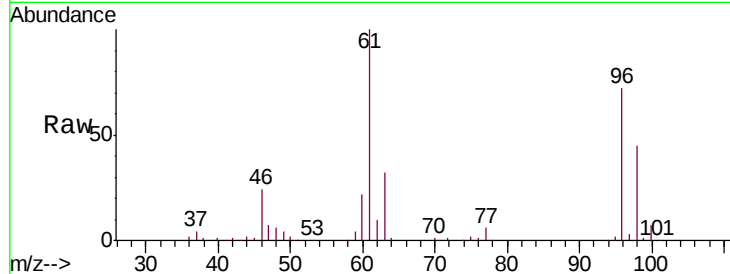




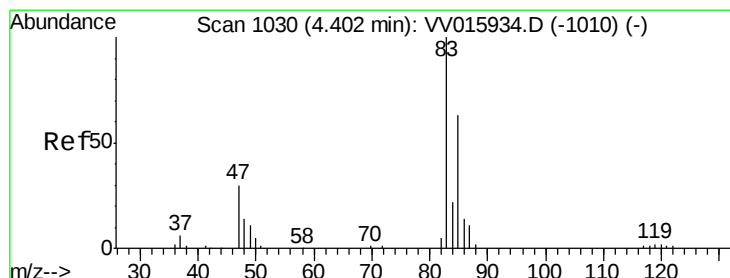
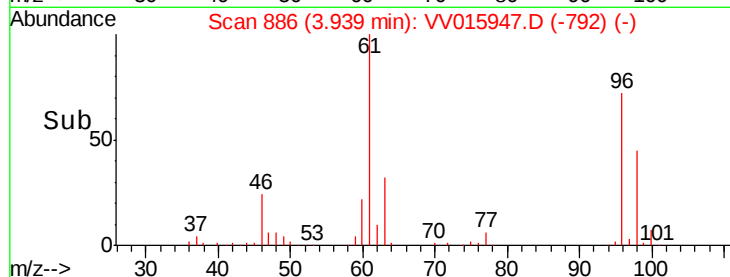
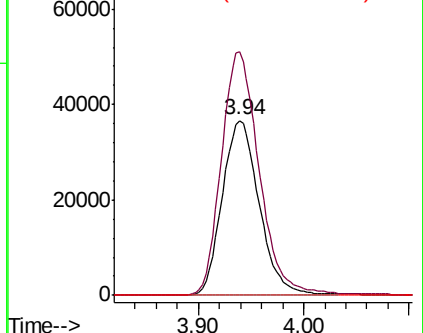
#22
 cis-1,2-Dichloroethene
 Concen: 9.660 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

Instrument :
 MSVOA_V
 ClientSampleID :
 BFRR9DL

Tgt Ion: 96 Resp: 89128
 Ion Ratio Lower Upper
 96 100
 61 139.0 97.2 180.6
 68 0.0 0.0 0.0

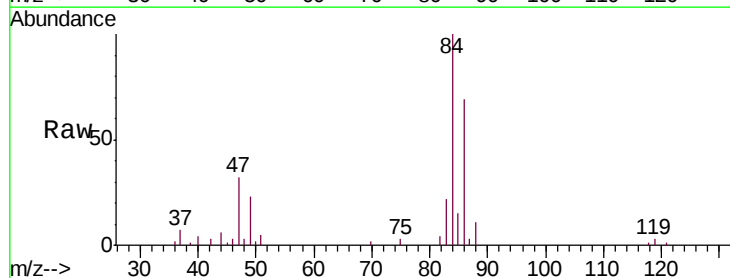


Abundance Ion 96.00 (95.70 to 96.70): VV0
 Ion 61.05 (60.75 to 61.75): VV0
 Ion 68.15 (67.85 to 68.85): VV0

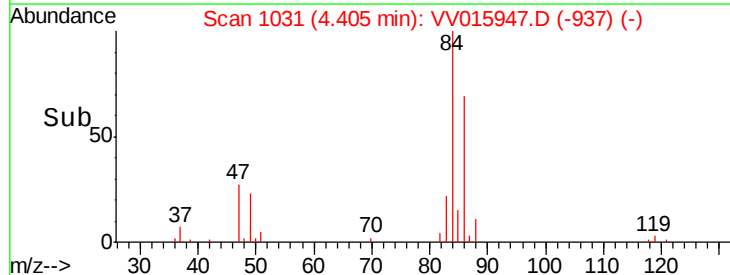
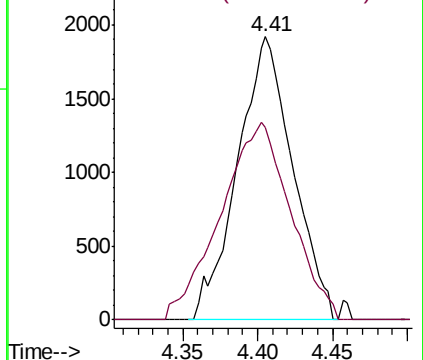


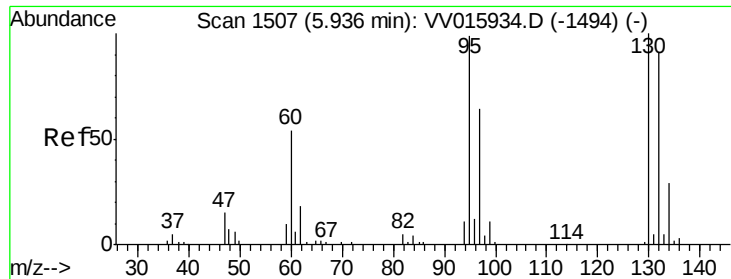
#25
 Chloroform
 Concen: 0.264 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

Tgt Ion: 83 Resp: 4937
 Ion Ratio Lower Upper
 83 100
 85 68.2 45.7 84.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
 Ion 85.00 (84.70 to 85.70): VV0

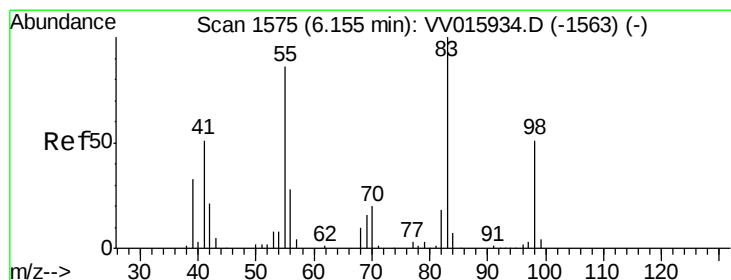
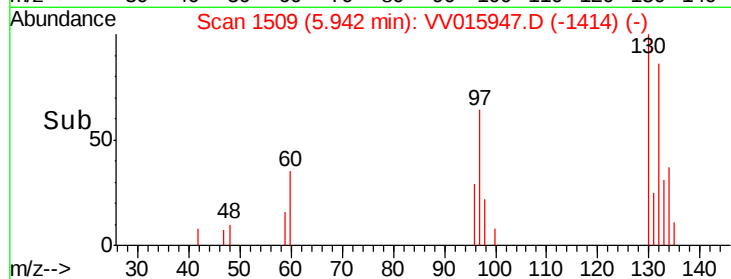
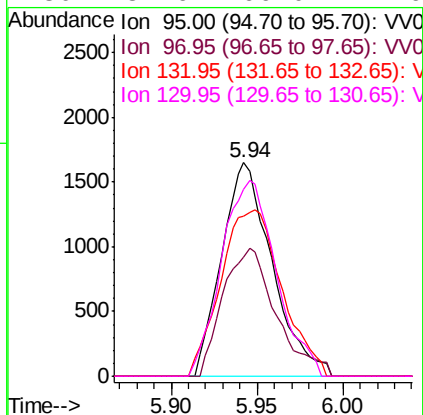
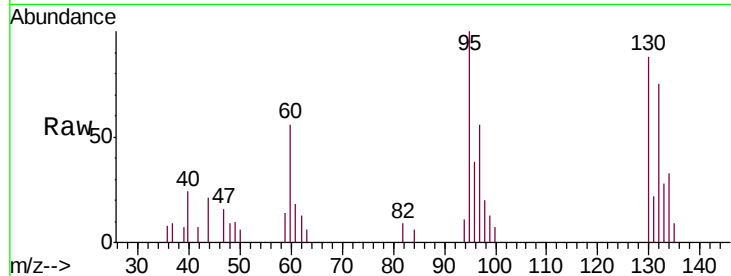




#34
 Trichloroethene
 Concen: 0.328 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

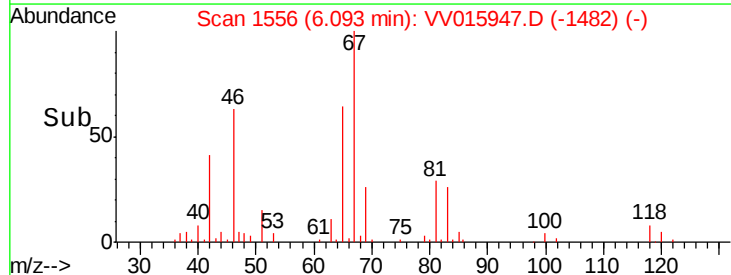
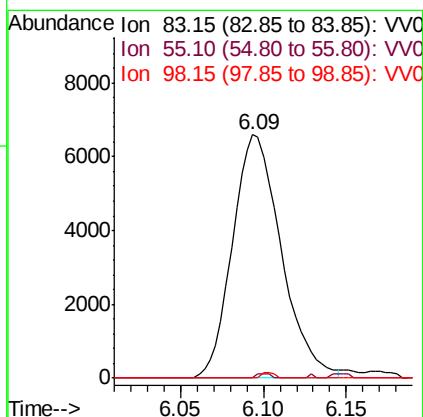
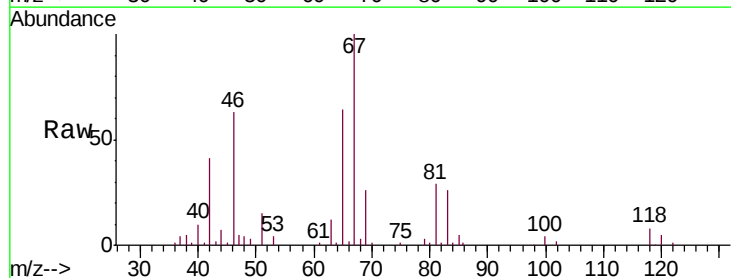
Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR9DL

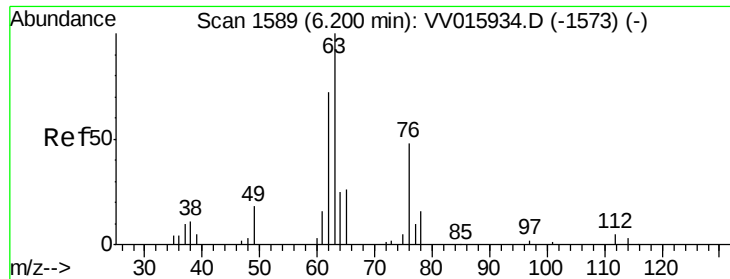
Tgt Ion:	95	Resp:	3368
Ion	Ratio	Lower	Upper
95	100		
97	55.9	43.3	80.5
132	74.9	60.3	112.1
130	87.6	66.0	122.6



#35
 Methylcyclohexane
 Concen: 0.867 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

Tgt Ion:	83	Resp:	13465
Ion	Ratio	Lower	Upper
83	100		
55	0.5	66.2	99.2#
98	0.6	37.9	56.9#

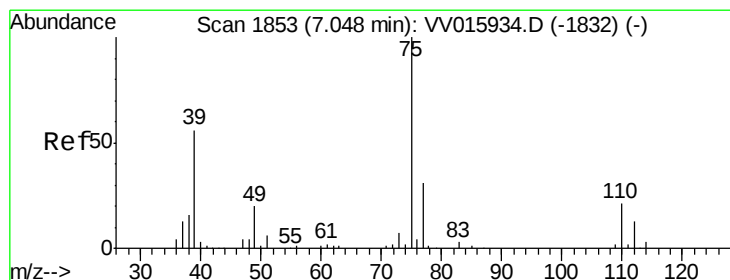
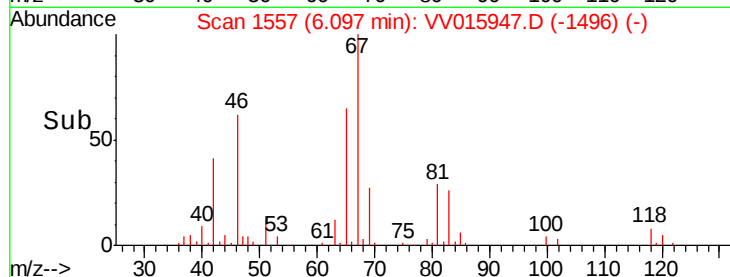
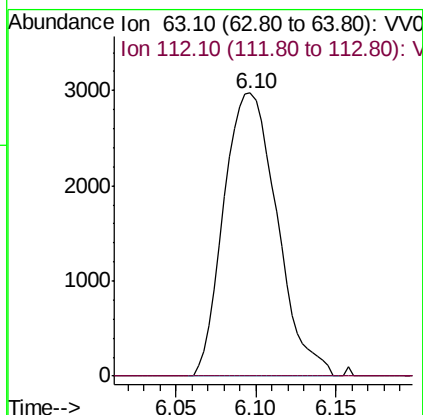
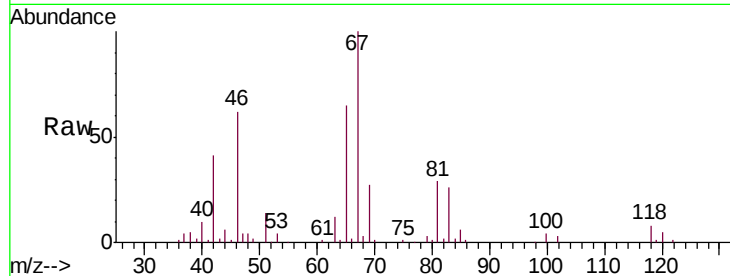




#37
 1,2-Dichloropropane
 Concen: 0.743 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

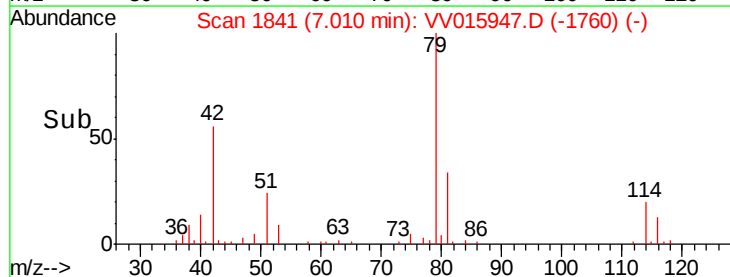
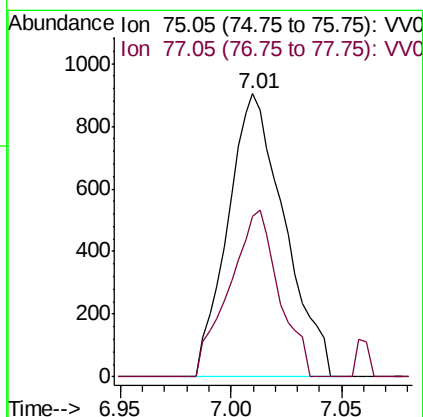
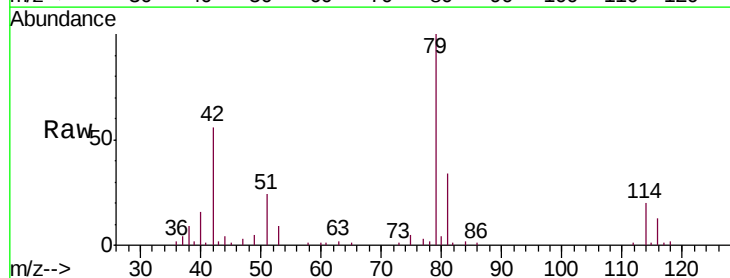
Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR9DL

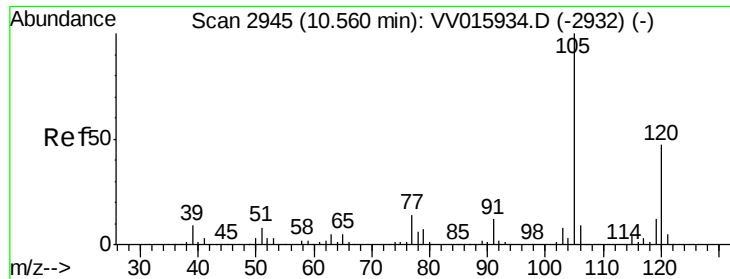
Tgt Ion: 63 Resp: 6788
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

Tgt Ion: 75 Resp: 1615
 Ion Ratio Lower Upper
 75 100
 77 56.6 21.3 39.5#

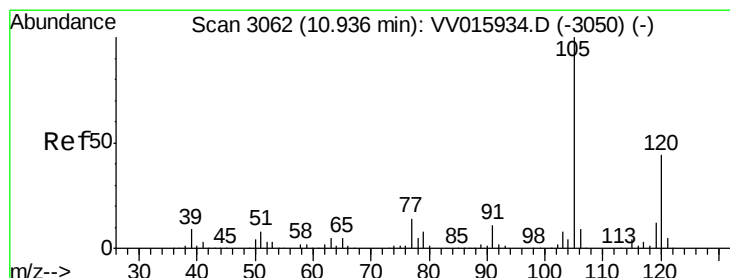
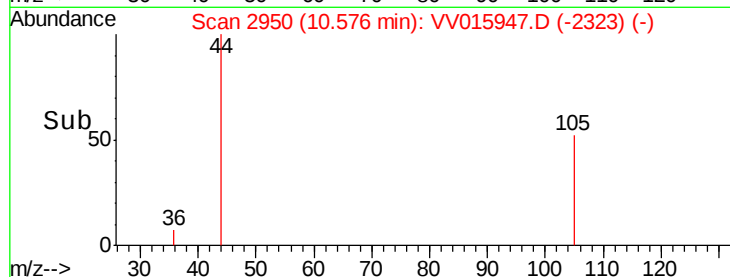
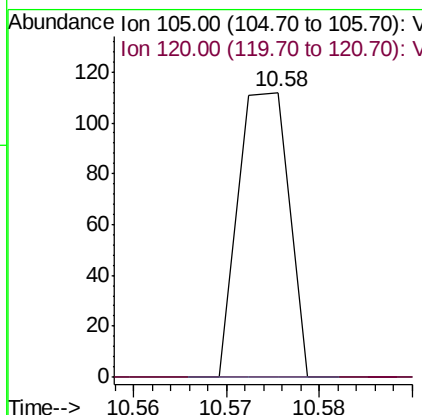
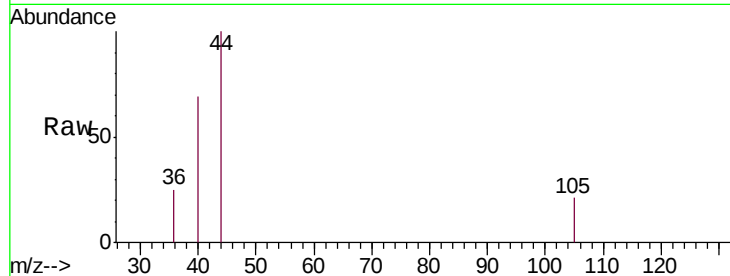




#43
 1,3,5-Trimethylbenzene
 Concen: 0.001 ug/L
 RT: 10.58 min Scan# 2950
 Delta R.T. 0.02 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

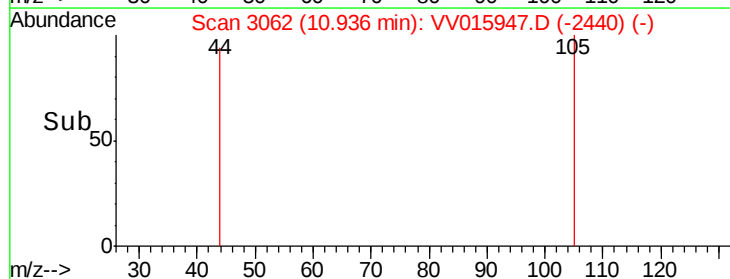
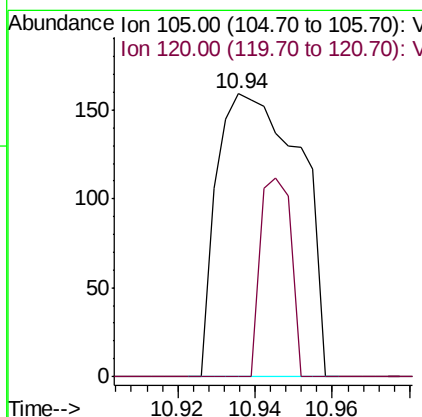
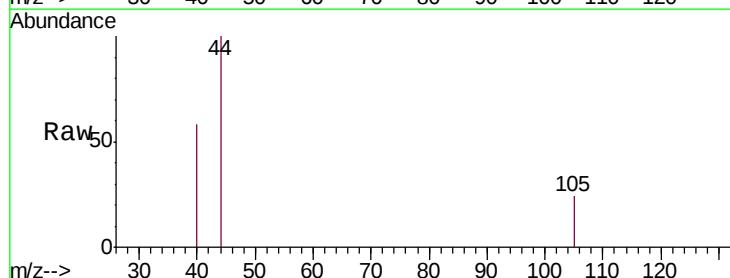
Instrument :
 MSVOA_V
 ClientSampleId :
 BFRR9DL

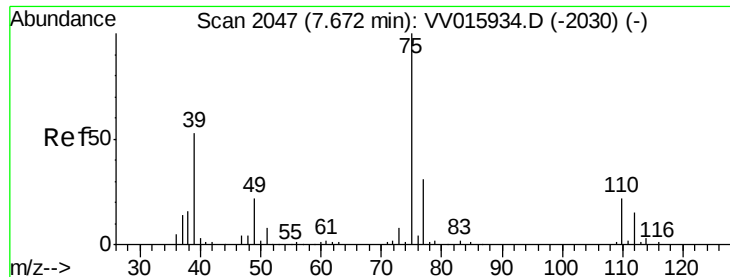
Tgt Ion:105 Resp: 43
 Ion Ratio Lower Upper
 105 100
 120 0.0 0.0 0.0



#44
 1,2,4-Trimethylbenzene
 Concen: 0.007 ug/L
 RT: 10.94 min Scan# 3062
 Delta R.T. 0.00 min
 Lab File: VV015947.D
 Acq: 07 May 2020 18:41

Tgt Ion:105 Resp: 237
 Ion Ratio Lower Upper
 105 100
 120 26.2 0.0 0.0#

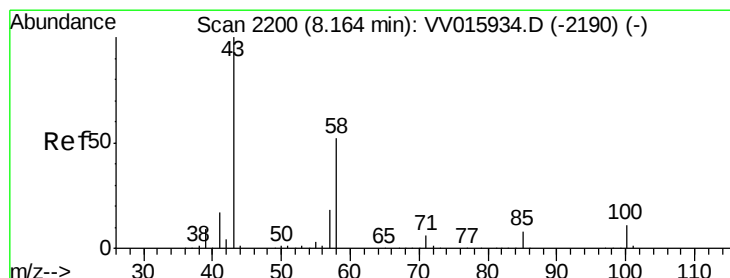
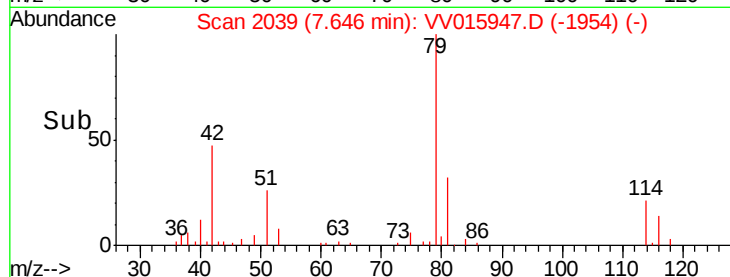
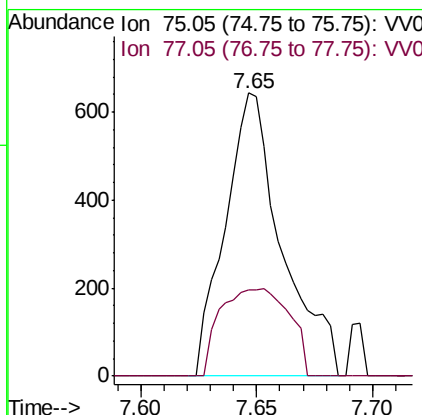
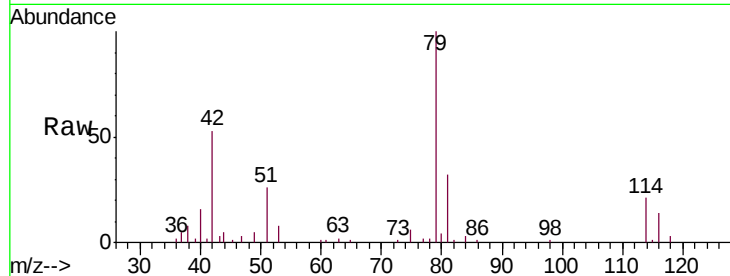




#46
trans-1,3-Dichloropropene
Concen: 0.100 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Instrument :
MSVOA_V
ClientSampleId :
BFRR9DL

Tgt Ion: 75 Resp: 1095
Ion Ratio Lower Upper
75 100
77 30.6 21.3 39.6



#50
2-Hexanone
Concen: 1.145 ug/L
RT: 8.17 min Scan# 2203
Delta R.T. 0.01 min
Lab File: VV015947.D
Acq: 07 May 2020 18:41

Tgt Ion: 43 Resp: 4610
Ion Ratio Lower Upper
43 100
58 63.8 40.8 61.2#
57 26.1 14.7 22.1#
100 9.3 9.0 13.6

