

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060620\
 Data File : VV016628.D
 Acq On : 07 Jun 2020 08:33
 Operator : SY/MD
 Sample : L2861-17DL 4X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F9E62DL

Quant Time: Jun 08 05:44:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 08 05:42:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	347375	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	324693	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154536	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	107385	43.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.28%
7) Chloroethane-d5	1.56	69	76065	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.64%
11) 1,1-Dichloroethene-d2	2.12	63	145556	33.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.74%
21) 2-Butanone-d5	3.89	46	173107	110.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	110.03%
24) Chloroform-d	4.37	84	225338	48.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	5.05	65	160840	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.07	84	453430	52.13	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.26%
36) 1,2-Dichloropropane-d6	6.09	67	142151	52.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.90%
41) Toluene-d8	7.34	98	407554	51.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.64	79	60500	45.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.62%
47) 2-Hexanone-d5	8.11	63	123167	106.12	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.12%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	183820	50.01	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	164708	56.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	113.44%

Target Compounds

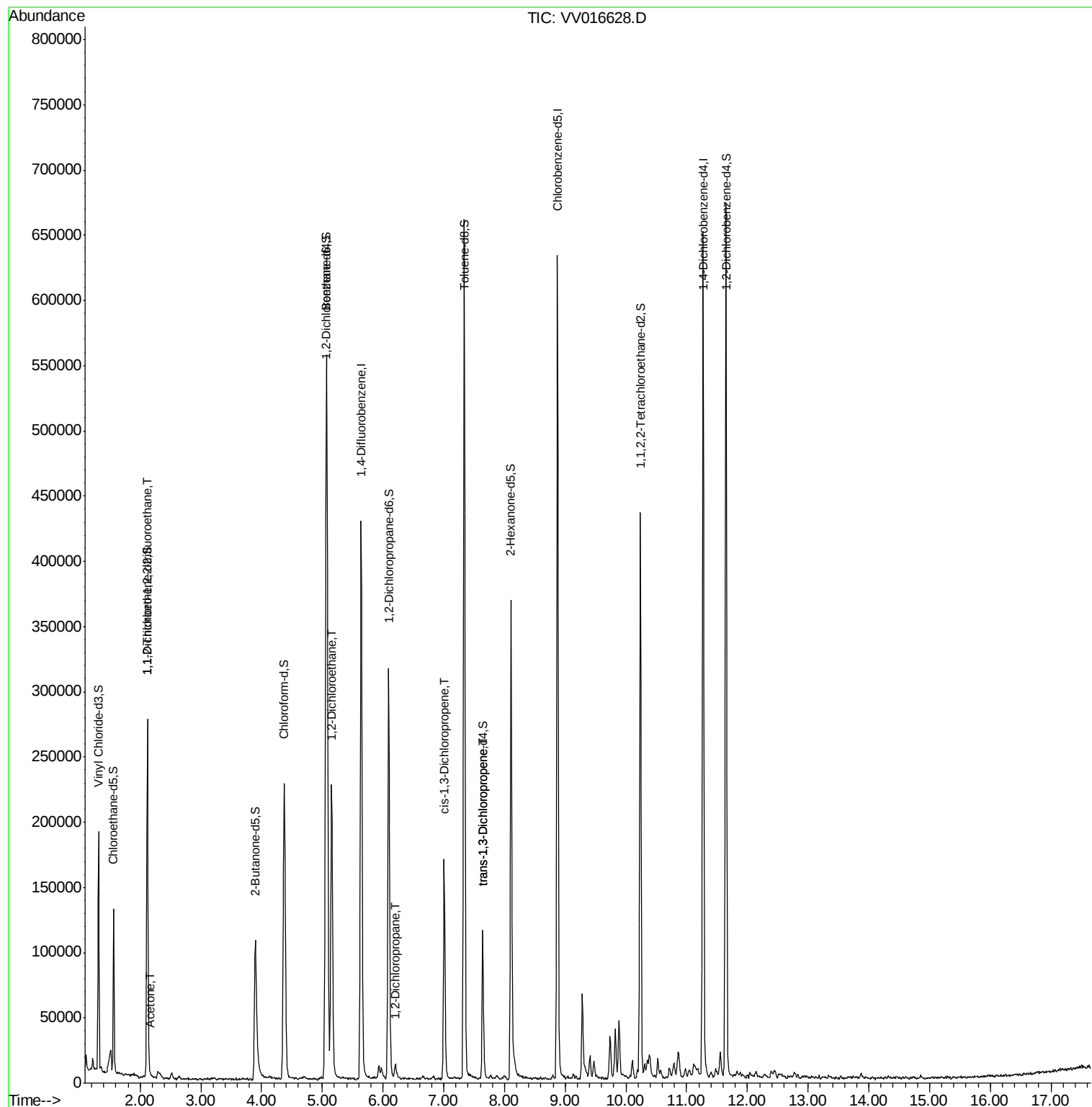
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1562	0.779 ug/L #	22
13) Acetone	2.17	43	1824	1.241 ug/L	78
27) 1,2-Dichloroethane	5.15	62	204434	53.339 ug/L	98
37) 1,2-Dichloropropane	6.20	63	4431	1.780 ug/L #	92
39) cis-1,3-Dichloropropene	7.01	75	4670	1.287 ug/L #	70
44) trans-1,3-Dichloropropene	7.64	75	3349	0.941 ug/L	95

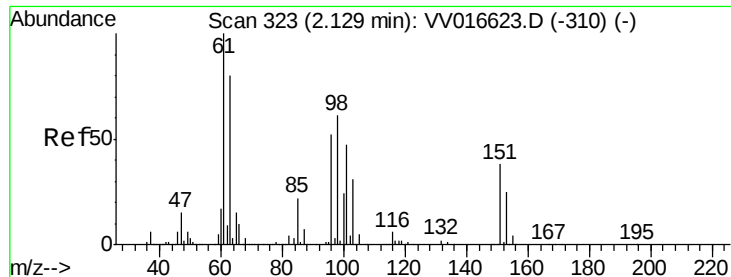
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#10

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

Concen: 0.779 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV016628.D

Acq: 07 Jun 2020 08:33

Instrument :

MSVOA_V

ClientSampled :

F9E62DL

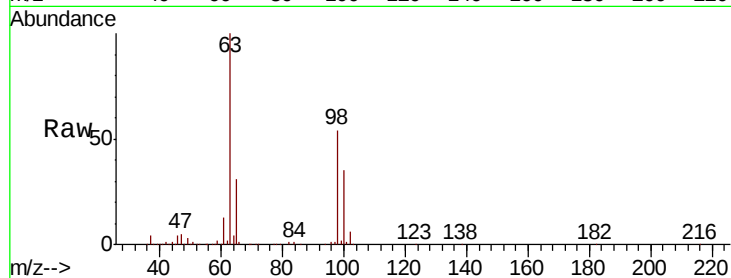
Tot Ion:101 Resp: 1562

Ion Ratio Lower Upper

101 100

85 3.0 35.6 53.4#

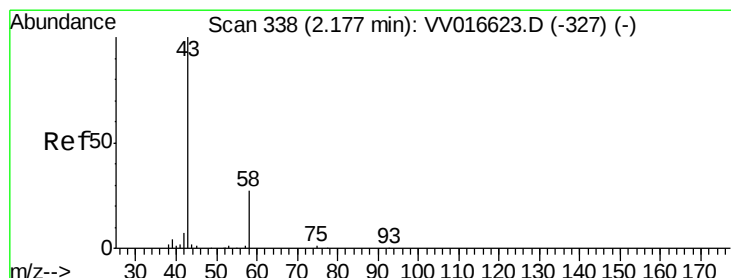
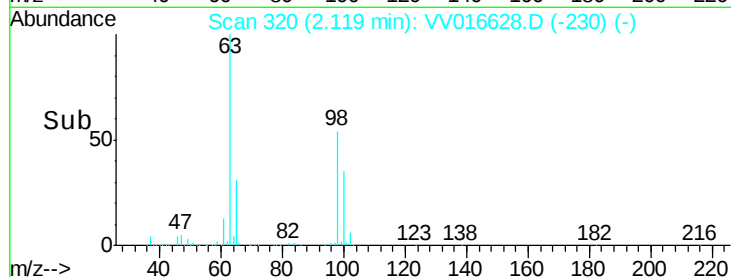
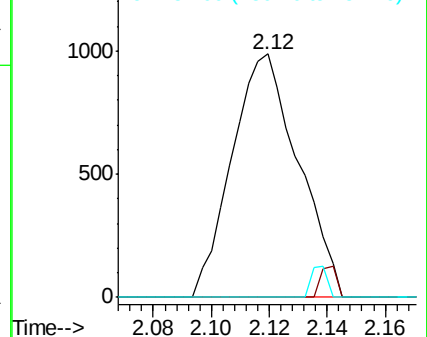
151 3.0 61.8 92.8#



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



#13

Acetone

Concen: 1.241 ug/L

RT: 2.17 min Scan# 337

Delta R.T. -0.00 min

Lab File: VV016628.D

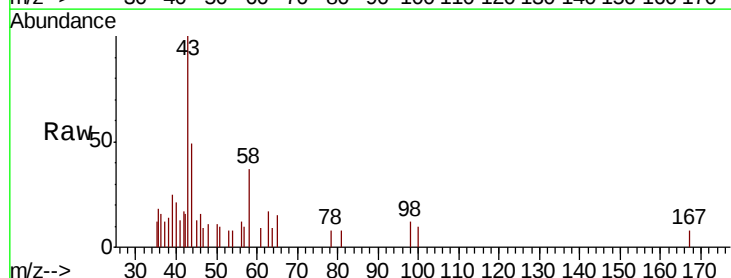
Acq: 07 Jun 2020 08:33

Tgt Ion: 43 Resp: 1824

Ion Ratio Lower Upper

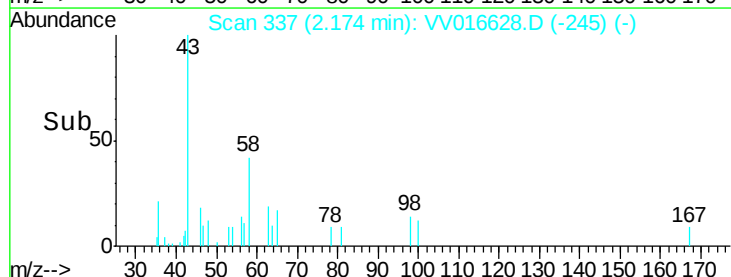
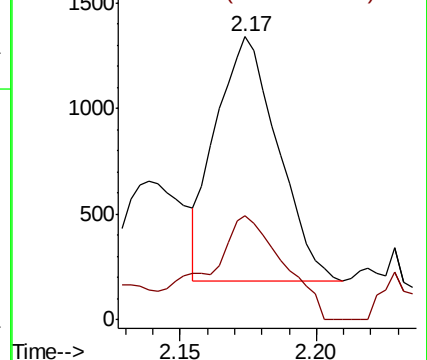
43 100

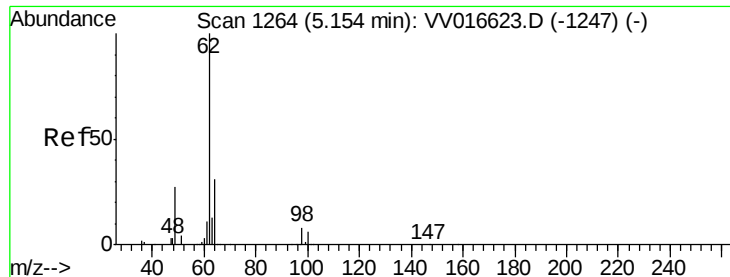
58 40.1 0.0 57.2



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0





#27

1,2-Dichloroethane

Concen: 53.339 ug/L

RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

Lab File: VV016628.D

Acq: 07 Jun 2020 08:33

Instrument :

MSVOA_V

ClientSampleId :

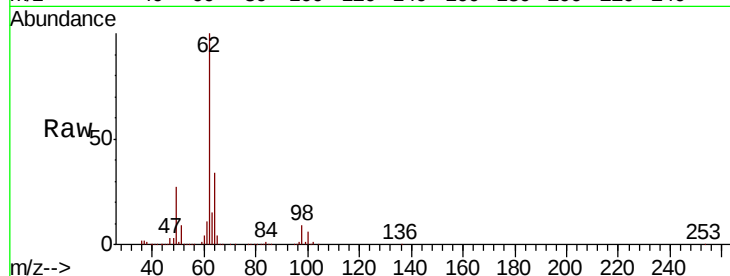
F9E62DL

Tot Ion: 62 Resp: 204434

Ion Ratio Lower Upper

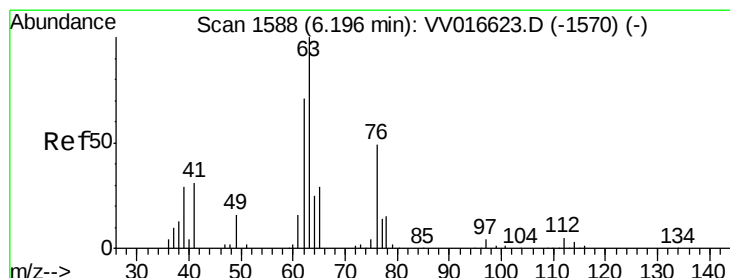
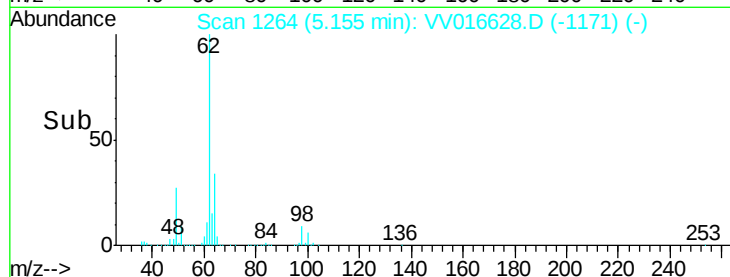
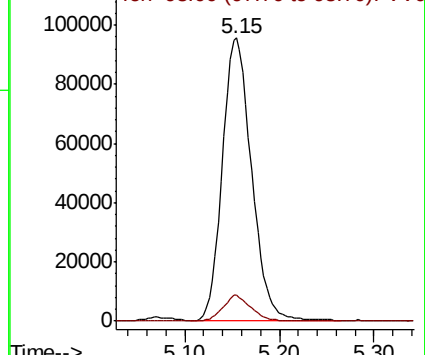
62 100

98 9.2 6.9 10.3



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#37

1,2-Dichloropropane

Concen: 1.780 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.01 min

Lab File: VV016628.D

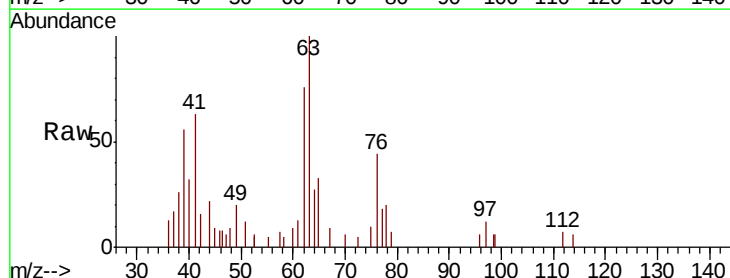
Acq: 07 Jun 2020 08:33

Tgt Ion: 63 Resp: 4431

Ion Ratio Lower Upper

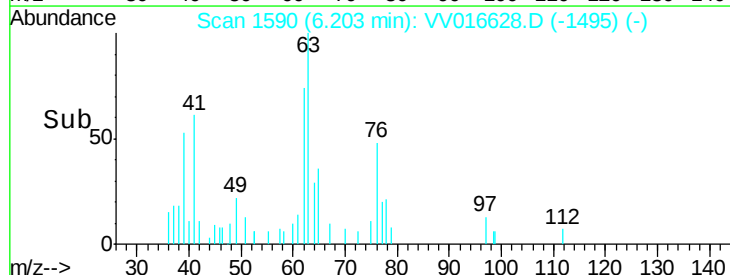
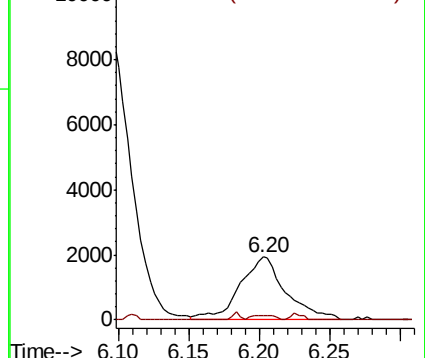
63 100

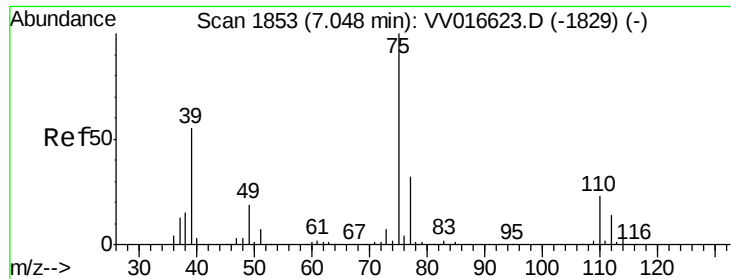
112 2.3 3.9 5.9#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 1.287 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV016628.D

Acq: 07 Jun 2020 08:33

Instrument :

MSVOA_V

ClientSampleId :

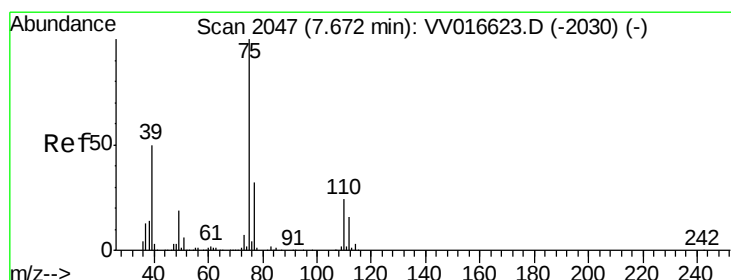
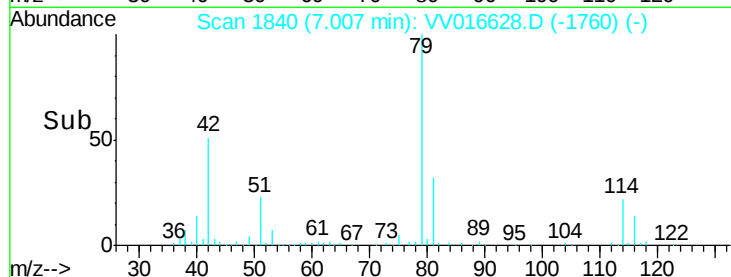
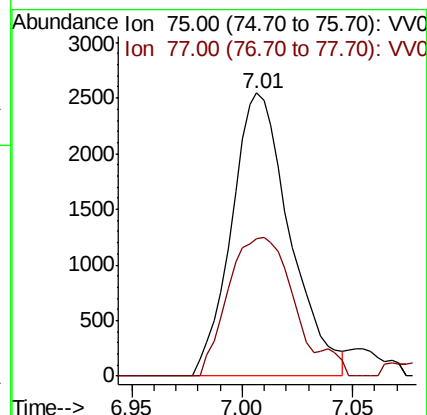
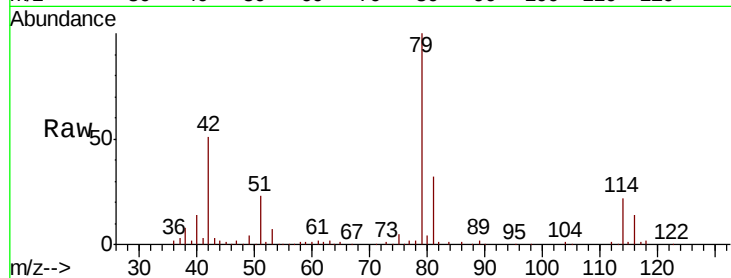
F9E62DL

Tot Ion: 75 Resp: 4670

Ion Ratio Lower Upper

75 100

77 48.4 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.941 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV016628.D

Acq: 07 Jun 2020 08:33

Tgt Ion: 75 Resp: 3349

Ion Ratio Lower Upper

75 100

77 34.3 22.2 41.2

