

Data File : VV008577.D
Acq On : 16 Nov 2018 11:06
Operator : SY/MD
Sample : J5945-16ME
Misc : 4.17g/5.0mL/100uL/5.0 mL/MSVOA_V/MEOH
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
ETOA7ME

Quant Time: Nov 16 23:21:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM111518WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:18:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	273895	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	248579	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	115300	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88912	49.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.76%
7) Chloroethane-d5	1.55	69	24531	20.04	ug/L	-0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	40.08%#
11) 1,1-Dichloroethene-d2	2.11	63	102743	32.73	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.46%
21) 2-Butanone-d5	3.95	46	146260	94.51	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.51%
24) Chloroform-d	4.41	84	178422	44.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.66%
26) 1,2-Dichloroethane-d4	5.09	65	122565	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
32) Benzene-d6	5.10	84	371250	45.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.84%
36) 1,2-Dichloropropane-d6	6.12	67	125075	48.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.22%
41) Toluene-d8	7.36	98	327560	45.01	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.02%
43) trans-1,3-Dichloropropene-	7.67	79	55750	44.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.86%
47) 2-Hexanone-d5	8.14	63	118238	106.52	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	166425	50.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	126241	47.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.96%

Target Compounds

						Qvalue
9) Trichlorofluoromethane	2.11	101	1035	0.406	ug/L #	36
10) 1,1,2-Trichloro-1,2,2-trif	2.11	101	1035	0.710	ug/L #	19
12) 1,1-Dichloroethene	2.11	96	1067	0.820	ug/L #	1
16) Methylene chloride	2.53	84	1641	0.786	ug/L	90
29) Cyclohexane	4.72	56	4519	1.270	ug/L #	88
33) Benzene	5.15	78	6737	0.844	ug/L	100
35) Methylcyclohexane	6.18	83	52106	14.629	ug/L	97
37) 1,2-Dichloropropane	6.12	63	13042	6.040	ug/L #	87
40) 4-Methyl-2-pentanone	7.31	43	7799	2.691	ug/L #	56
44) trans-1,3-Dichloropropene	7.67	75	2529	0.835	ug/L	85
53) m,p-Xylene	9.18	106	3560	1.065	ug/L	87
56) Isopropylbenzene	9.98	105	8005	0.918	ug/L	95
58) 1,1,2,2-Tetrachloroethane	10.29	83	11601	3.703	ug/L #	47
59) 1,2,3-Trichloropropane	11.30	75	14589	5.682	ug/L	91
69) Naphthalene	13.56	128	5944	0.977	ug/L #	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV111618\
Quantitation Report (Not Reviewed)

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Quant Title : VOC Analysis
QLast Update : Fri Nov 16 23:18:19 2018
Response via : Initial Calibration

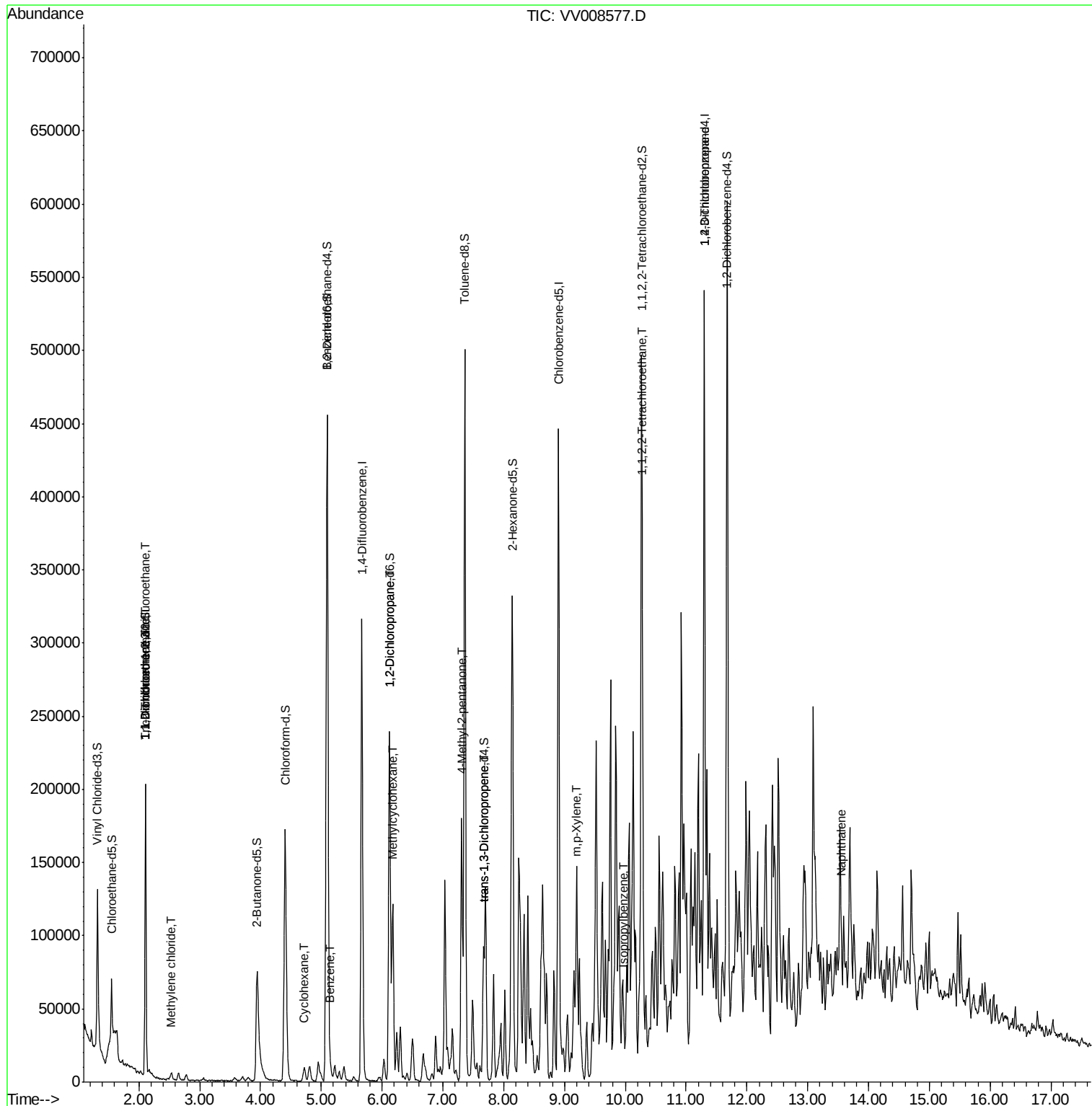
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

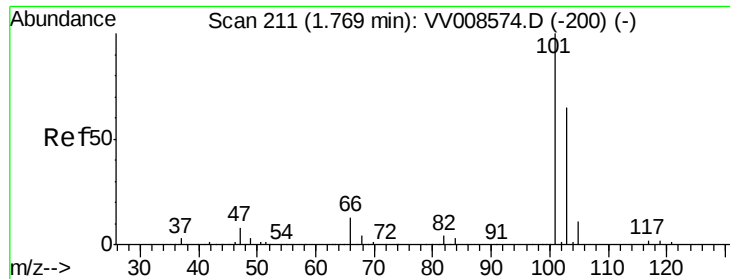
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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#9

Trichlorofluoromethane

Concen: 0.406 ug/L

RT: 2.11 min Scan# 316

Delta R.T. 0.34 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

Instrument :

MSVOA_V

ClientSampleId :

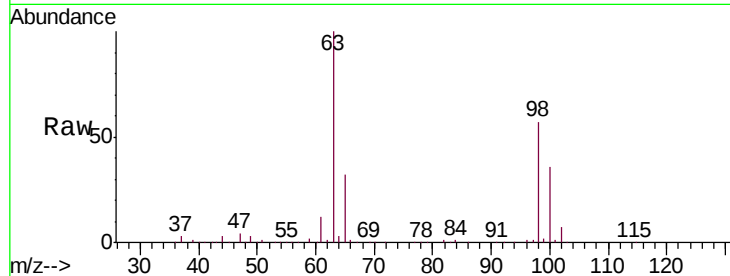
ETOA7ME

Tgt Ion:101 Resp: 1035

Ion Ratio Lower Upper

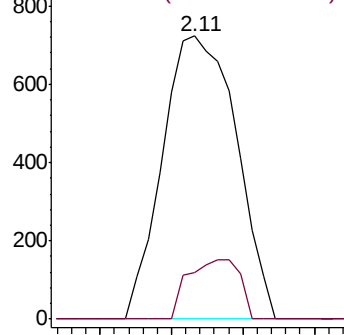
101 100

103 14.7 52.5 78.7#

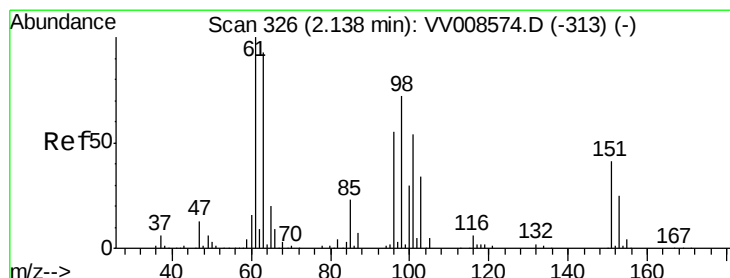
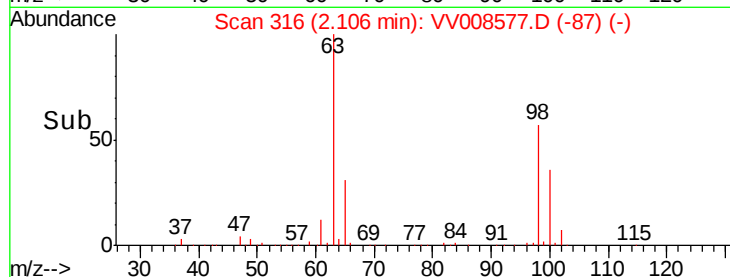


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



Time-->



#10

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

Concen: 0.710 ug/L

RT: 2.11 min Scan# 316

Delta R.T. -0.03 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

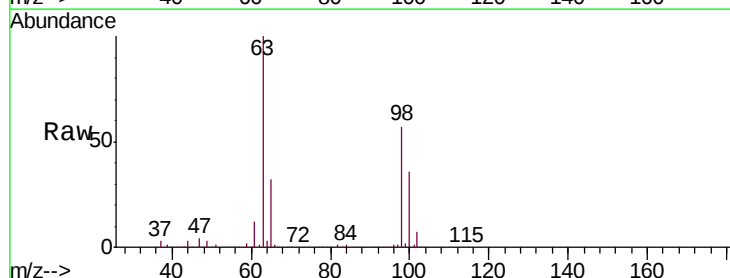
Tgt Ion:101 Resp: 1035

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

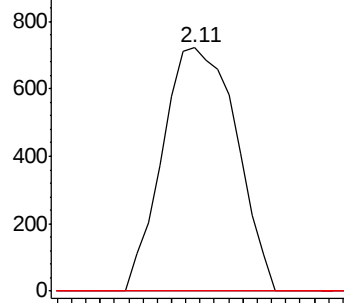
151 0.0 60.9 91.3#



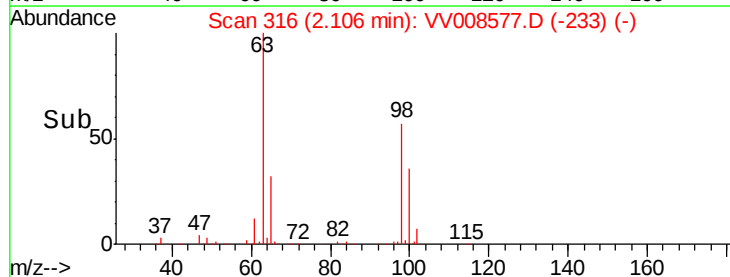
Abundance Ion 101.00 (100.70 to 101.70): V

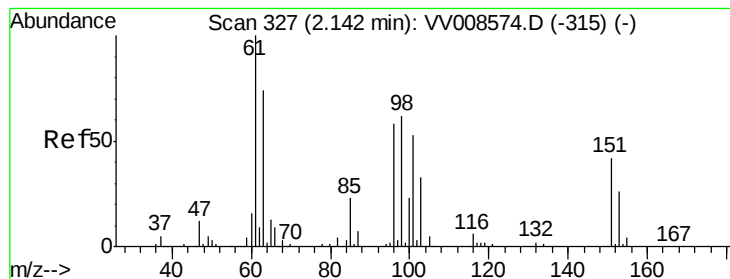
Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



Time-->





#12

1,1-Dichloroethene

Concen: 0.820 ug/L

RT: 2.11 min Scan# 318

Delta R.T. -0.03 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

Instrument :

MSVOA_V

ClientSampleId :

ETOA7ME

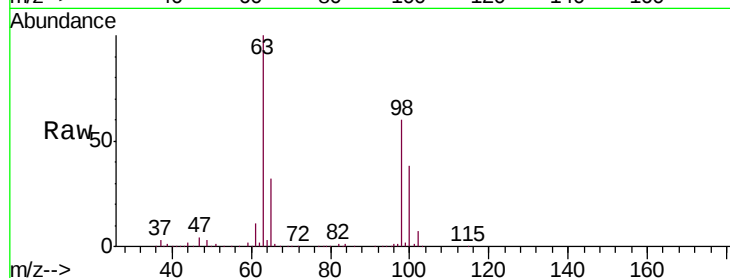
Tgt Ion: 96 Resp: 1067

Ion Ratio Lower Upper

96 100

61 1176.4 125.6 233.2#

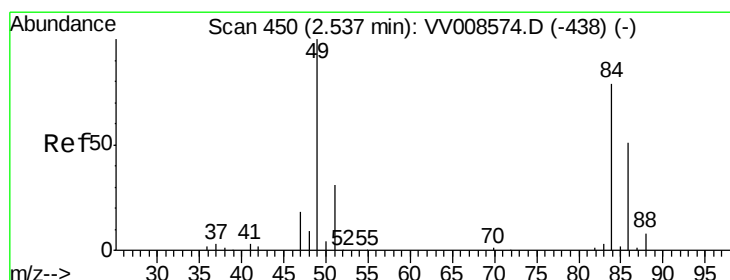
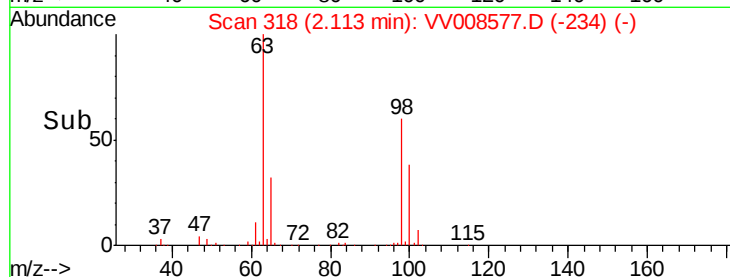
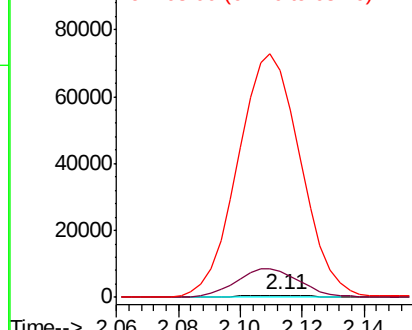
63 10455.6 108.3 201.1#



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



#16

Methylene chloride

Concen: 0.786 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.01 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

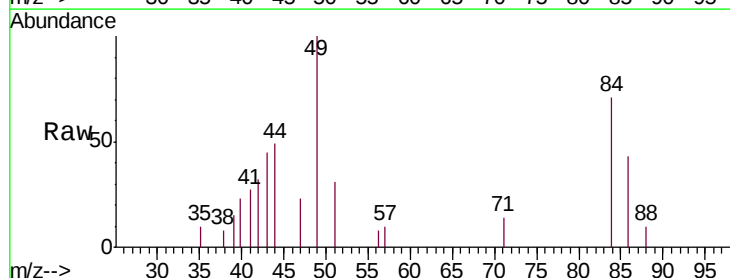
Tgt Ion: 84 Resp: 1641

Ion Ratio Lower Upper

84 100

86 60.2 44.8 83.2

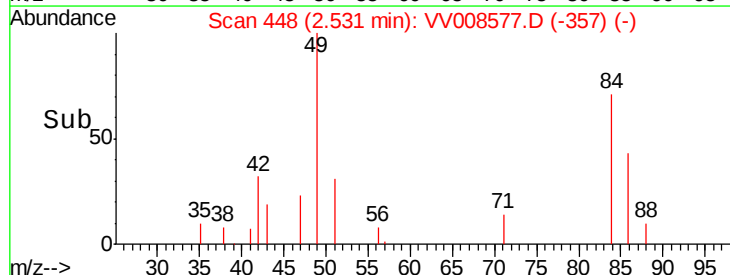
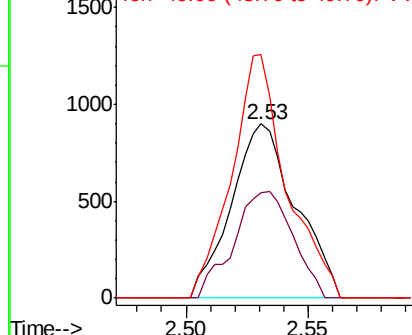
49 140.0 88.1 163.7

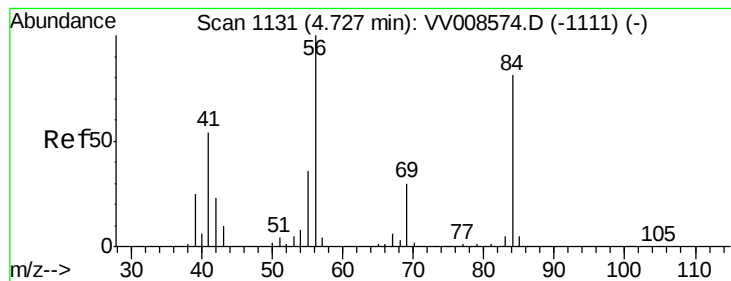


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.00 (48.70 to 49.70): VV0





#29

Cyclohexane

Concen: 1.270 ug/L

RT: 4.72 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VV008577.D

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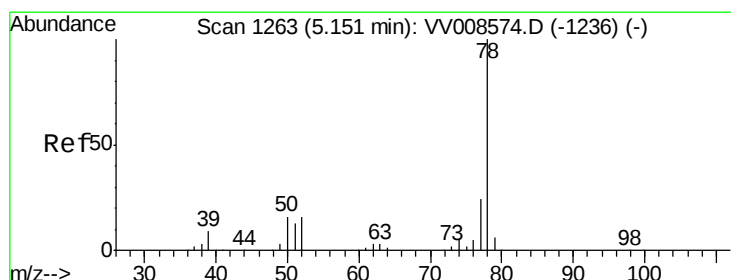
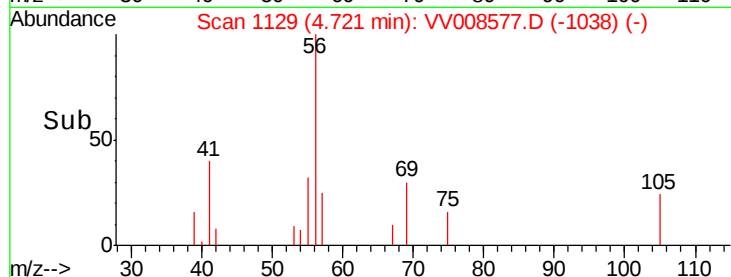
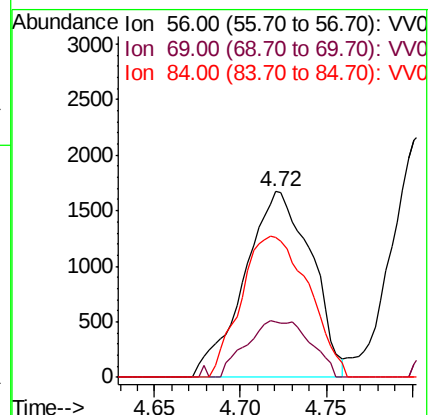
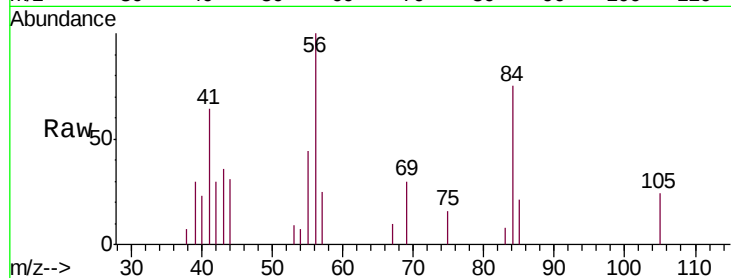
Tgt Ion: 56 Resp: 4519

Ion Ratio Lower Upper

56 100

69 16.4 24.2 36.2#

84 76.7 66.0 99.0



#33

Benzene

Concen: 0.844 ug/L

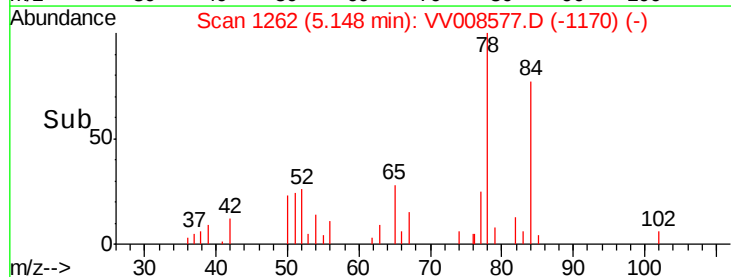
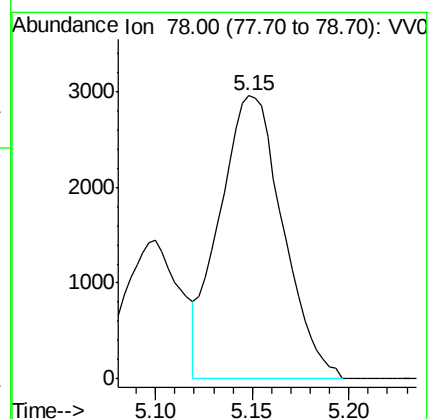
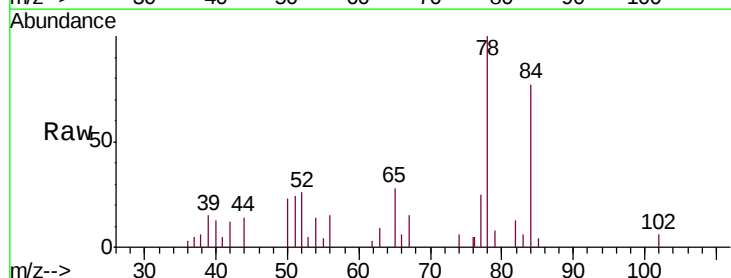
RT: 5.15 min Scan# 1262

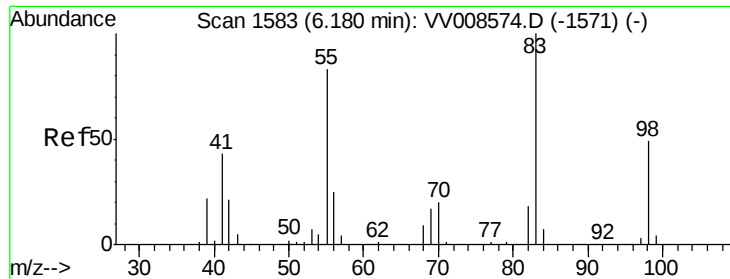
Delta R.T. -0.00 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

Tgt Ion: 78 Resp: 6737

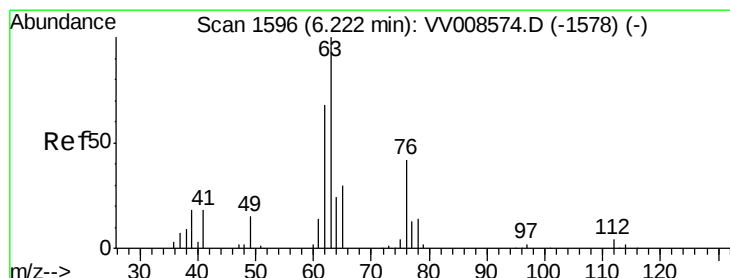
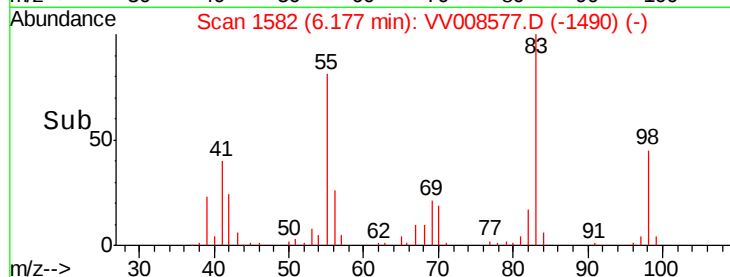
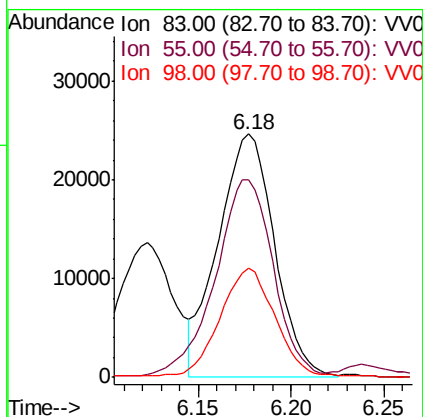
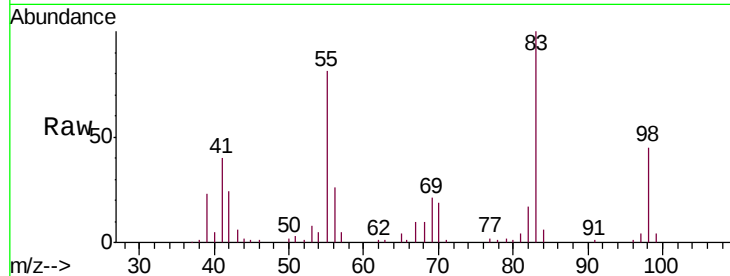




#35
Methylcyclohexane
Concen: 14.629 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.00 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

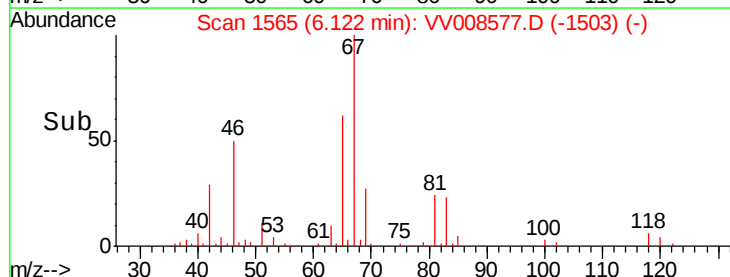
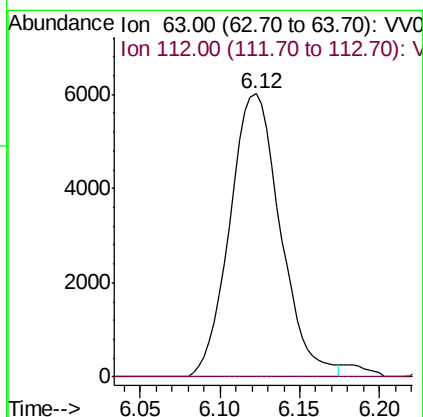
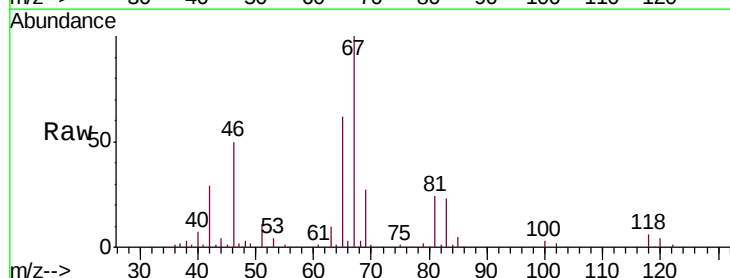
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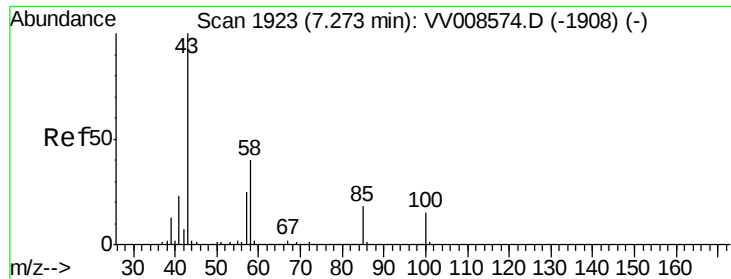
Tgt Ion: 83 Resp: 52106
Ion Ratio Lower Upper
83 100
55 83.2 65.5 98.3
98 43.9 37.9 56.9



#37
1,2-Dichloropropane
Concen: 6.040 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.10 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

Tgt Ion: 63 Resp: 13042
Ion Ratio Lower Upper
63 100
112 8.2 3.1 4.7#

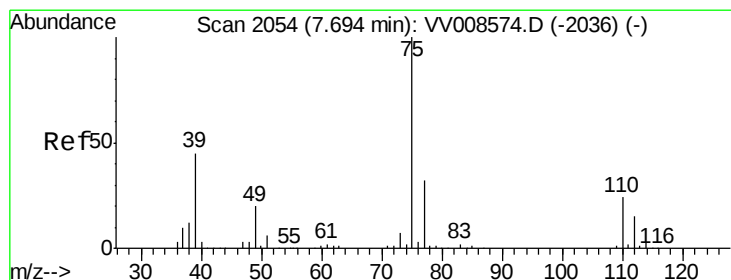
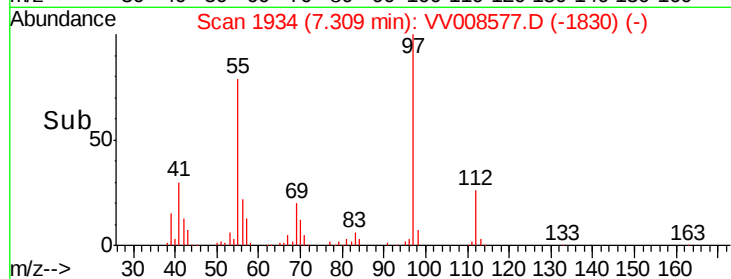
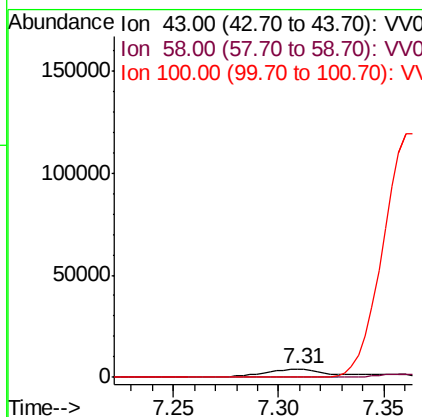
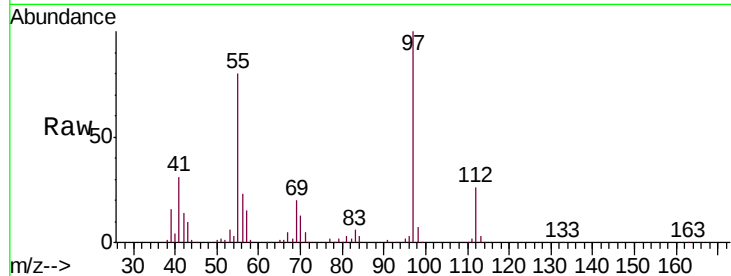




#40
4-Methyl-2-pentanone
Concen: 2.691 ug/L
RT: 7.31 min Scan# 1934
Delta R.T. 0.04 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

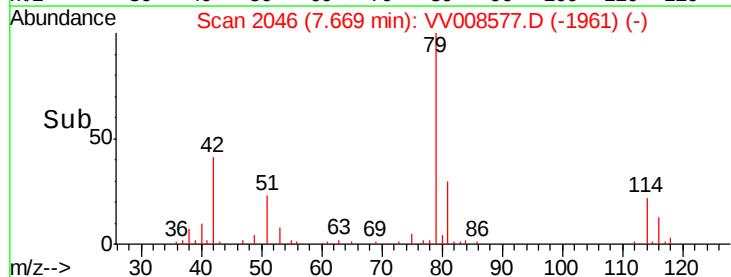
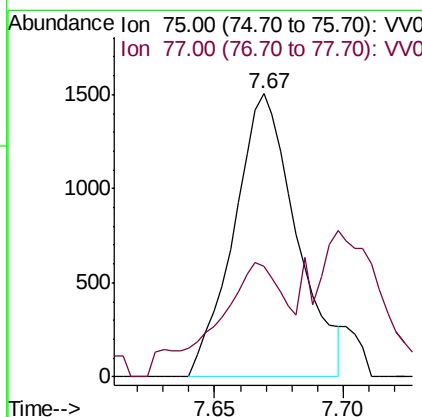
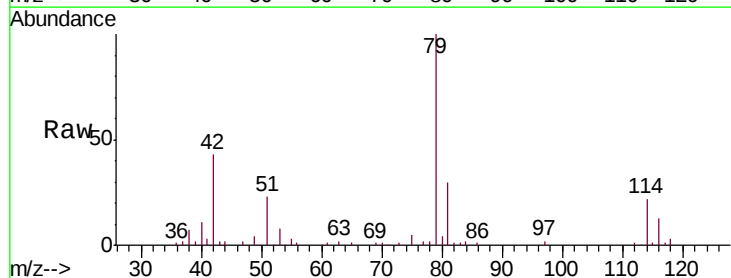
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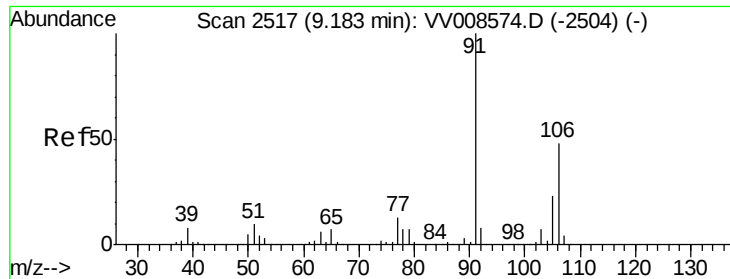
Tgt Ion: 43 Resp: 7799
Ion Ratio Lower Upper
43 100
58 9.8 30.9 46.3#
100 0.0 11.5 17.3#



#44
trans-1,3-Dichloropropene
Concen: 0.835 ug/L
RT: 7.67 min Scan# 2046
Delta R.T. -0.03 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

Tgt Ion: 75 Resp: 2529
Ion Ratio Lower Upper
75 100
77 39.2 21.8 40.6

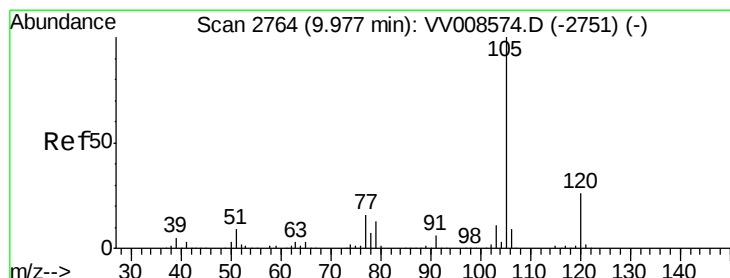
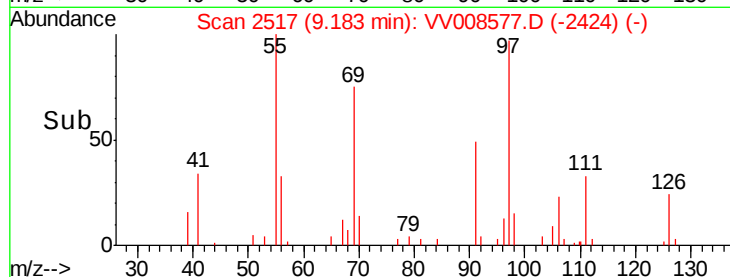
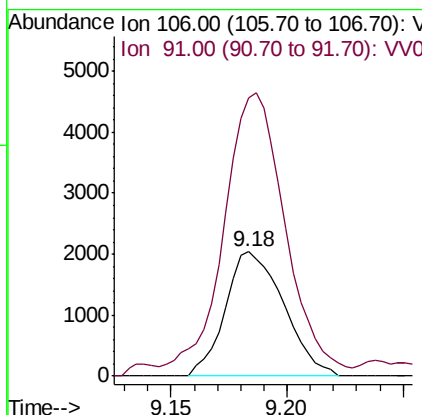
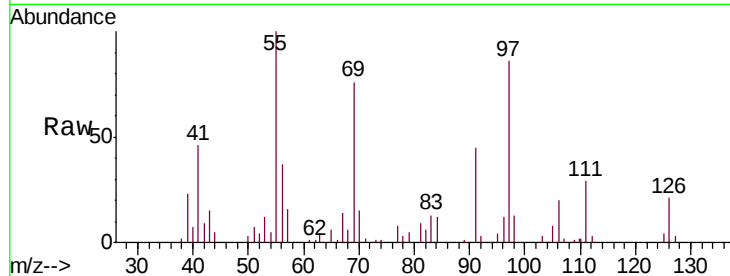




#53
m,p-Xylene
Concen: 1.065 ug/L
RT: 9.18 min Scan# 2517
Delta R.T. 0.00 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

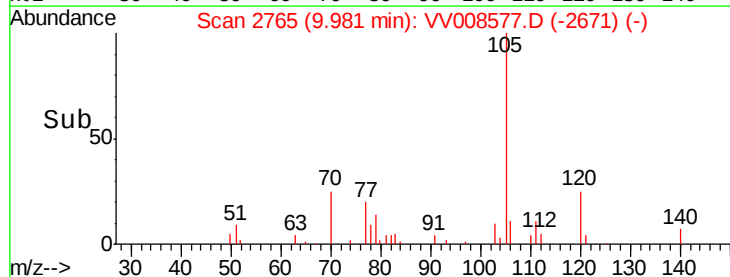
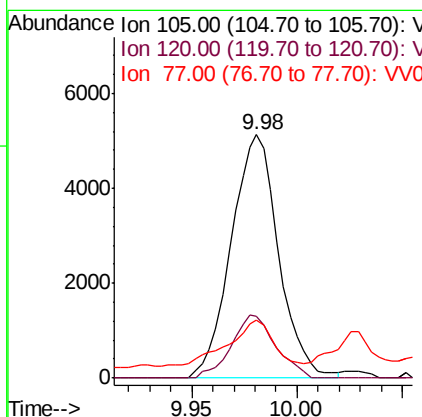
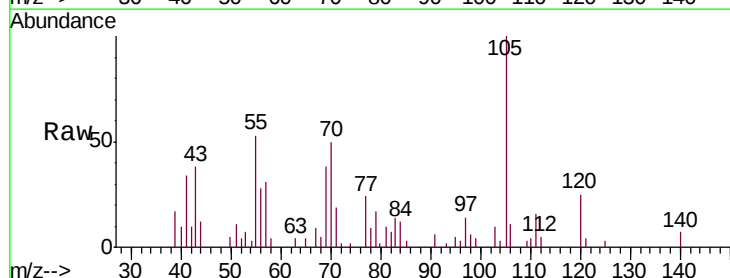
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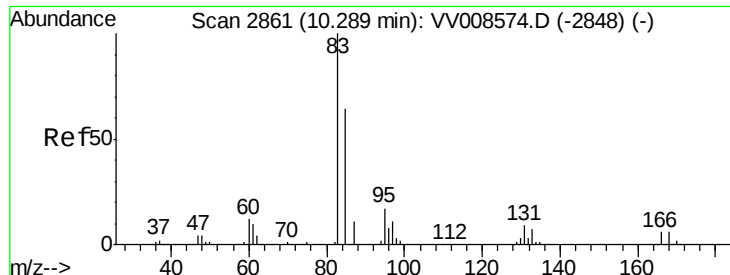
Tgt Ion:106 Resp: 3560
Ion Ratio Lower Upper
106 100
91 224.2 142.5 264.7



#56
Isopropylbenzene
Concen: 0.918 ug/L
RT: 9.98 min Scan# 2765
Delta R.T. 0.00 min
Lab File: VV008577.D
Acq: 16 Nov 2018 11:06

Tgt Ion:105 Resp: 8005
Ion Ratio Lower Upper
105 100
120 24.0 20.8 31.2
77 18.9 12.9 19.3

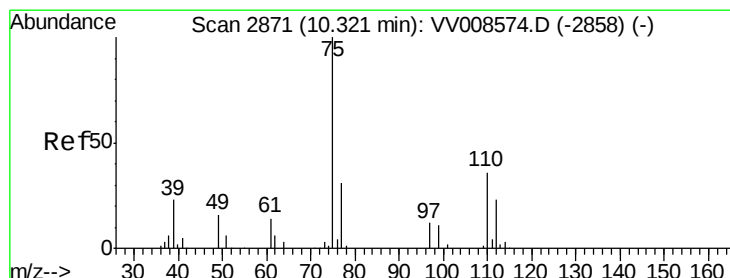
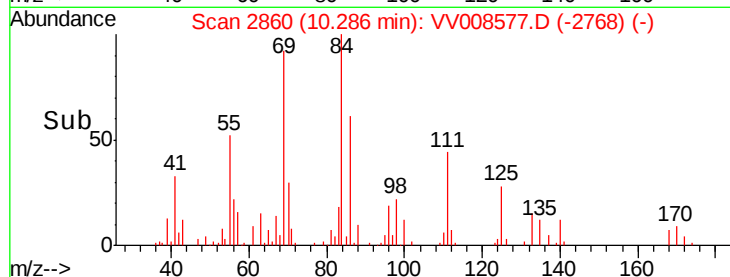
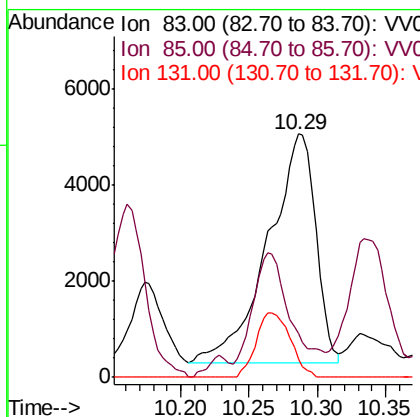
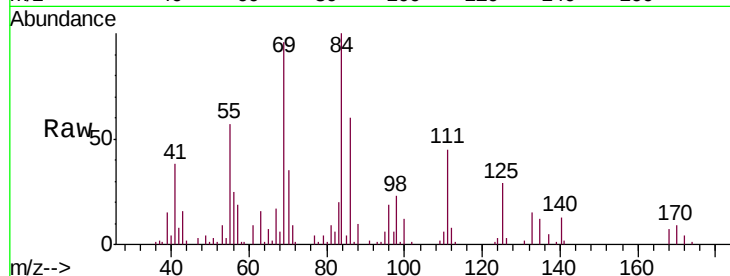




#58
 1,1,2,2-Tetrachloroethane
 Concen: 3.703 ug/L
 RT: 10.29 min Scan# 2860
 Delta R.T. -0.00 min
 Lab File: VV008577.D
 Acq: 16 Nov 2018 11:06

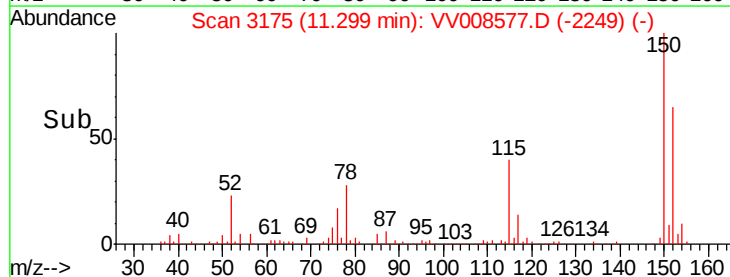
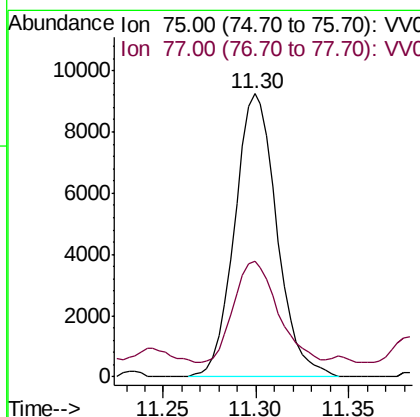
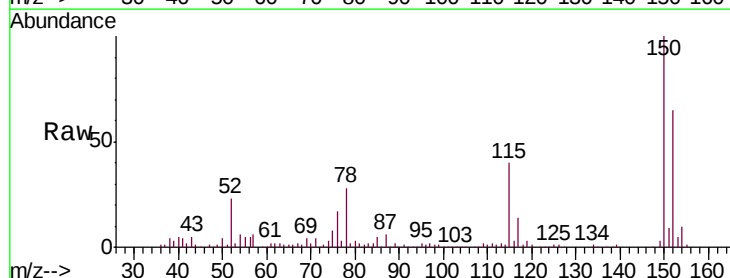
Instrument :
 MSVOA_V
 ClientSampleId :
 ETOA7ME

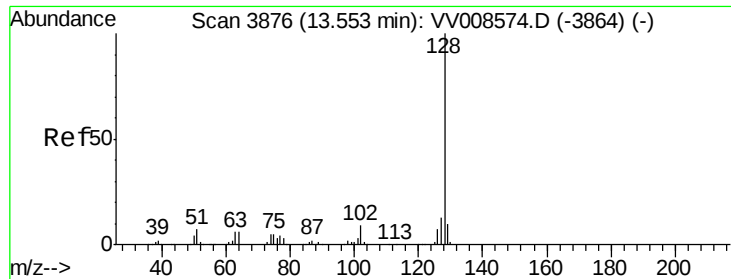
Tgt Ion: 83 Resp: 11601
 Ion Ratio Lower Upper
 83 100
 85 18.0 45.8 85.0#
 131 7.8 8.2 12.4#



#59
 1,2,3-Trichloropropane
 Concen: 5.682 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008577.D
 Acq: 16 Nov 2018 11:06

Tgt Ion: 75 Resp: 14589
 Ion Ratio Lower Upper
 75 100
 77 36.9 25.4 38.2





#69

Naphthalene

Concen: 0.977 ug/L

RT: 13.56 min Scan# 3878

Delta R.T. 0.01 min

Lab File: VV008577.D

Acq: 16 Nov 2018 11:06

Instrument :

MSVOA_V

ClientSampleId :

ETOA7ME

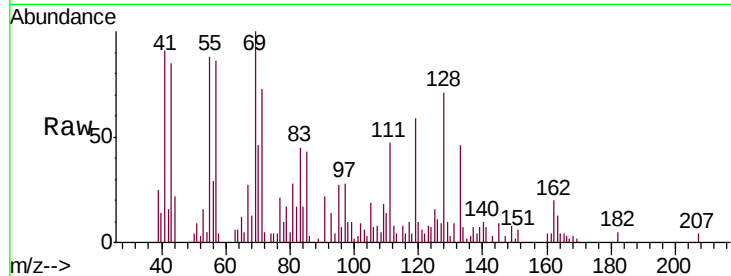
Tgt Ion:128 Resp: 5944

Ion Ratio Lower Upper

128 100

127 11.9 10.2 15.4

129 16.3 8.8 13.2#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

