

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV083118\
 Data File : VV007298.D
 Acq On : 31 Aug 2018 14:09
 Operator : SY/MD
 Sample : J4665-11
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA5

Quant Time: Sep 01 00:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM083118WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 31 23:57:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	575582	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	554383	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	220168	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	203045	58.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	116.74%
7) Chloroethane-d5	1.58	69	144010	65.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	131.50%#
11) 1,1-Dichloroethene-d2	2.13	63	284453	44.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.10%
21) 2-Butanone-d5	3.96	46	332917	118.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.35%
24) Chloroform-d	4.40	84	422623	56.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.64%
26) 1,2-Dichloroethane-d4	5.09	65	264621	58.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.38%
32) Benzene-d6	5.10	84	872651	58.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	117.16%
36) 1,2-Dichloropropane-d6	6.12	67	293096	59.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	118.66%
41) Toluene-d8	7.36	98	744275	55.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.74%
43) trans-1,3-Dichloropropene-	7.67	79	122857	55.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	111.52%
47) 2-Hexanone-d5	8.15	63	210730	114.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.50%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	381789	56.74	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.48%
64) 1,2-Dichlorobenzene-d4	11.68	152	293597	66.37	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	132.74%#

Target Compounds

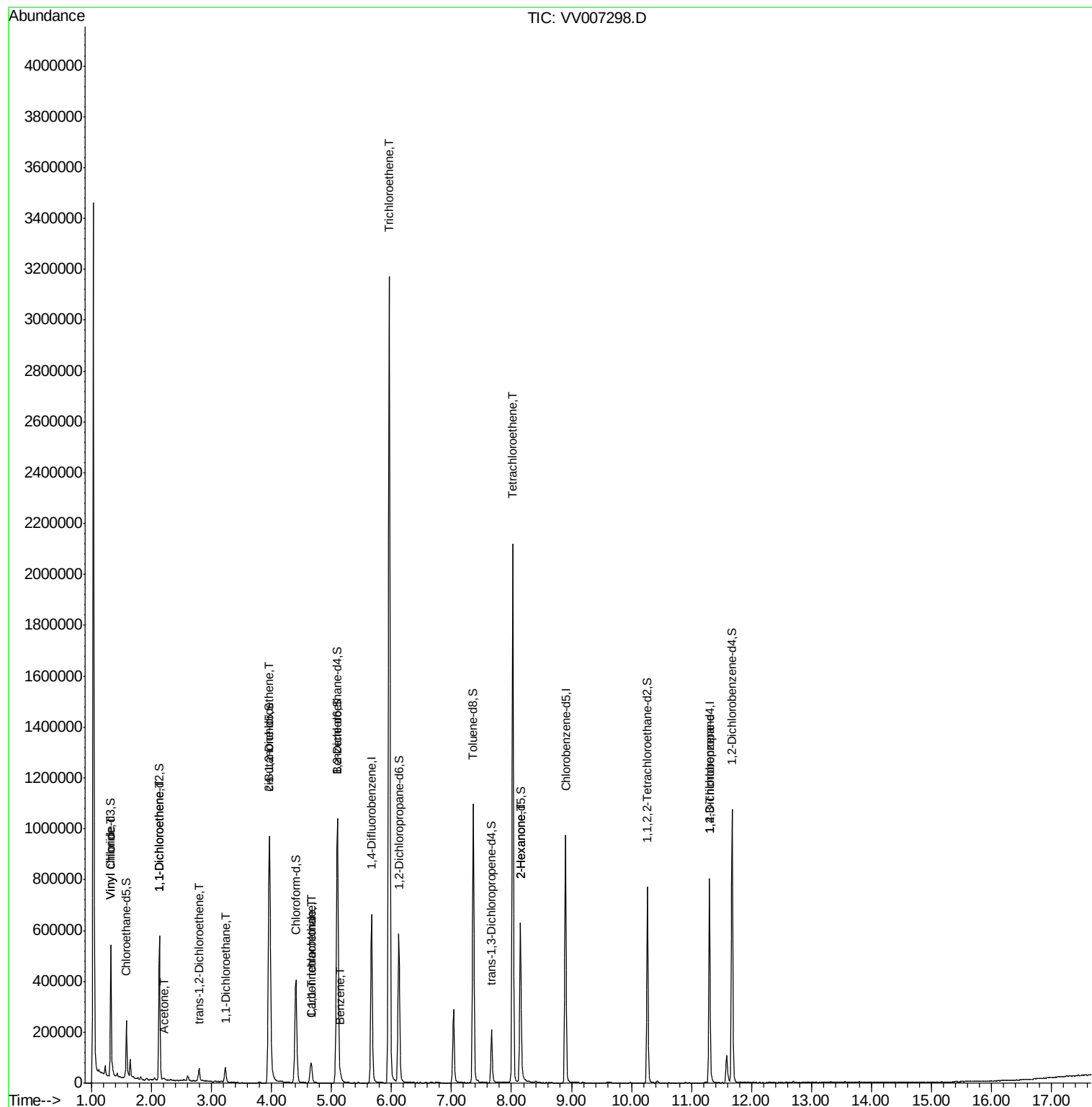
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Vinyl chloride	1.32	62	75522	16.189	ug/L	95
12) 1,1-Dichloroethene	2.14	96	6924	1.999	ug/L #	1
13) Acetone	2.21	43	4532	1.869	ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	18177	4.832	ug/L	98
19) 1,1-Dichloroethane	3.23	63	59032	7.760	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	463528	107.024	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	64384	10.204	ug/L	100
31) Carbon tetrachloride	4.66	117	8729	1.603	ug/L	100
33) Benzene	5.15	78	24353	1.450	ug/L	100
34) Trichloroethene	5.96	95	1107280	272.160	ug/L	99
46) Tetrachloroethene	8.02	164	502129	147.221	ug/L	99
48) 2-Hexanone	8.15	43	27535	6.580	ug/L #	82
59) 1,2,3-Trichloropropane	11.30	75	25206	4.685	ug/L	95

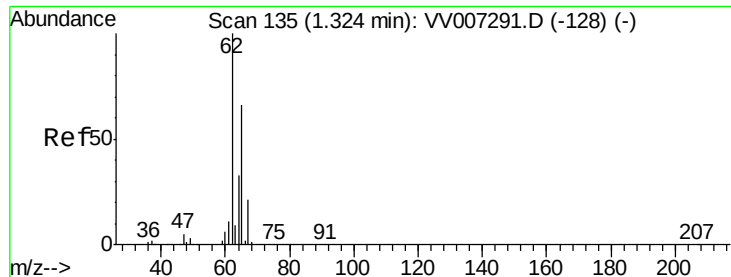
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 31 23:57:34 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 16.189 ug/L

RT: 1.32 min Scan# 135

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

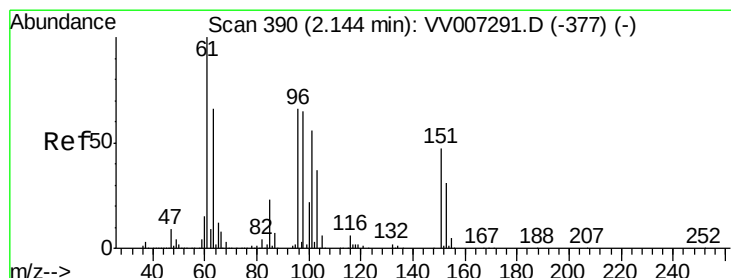
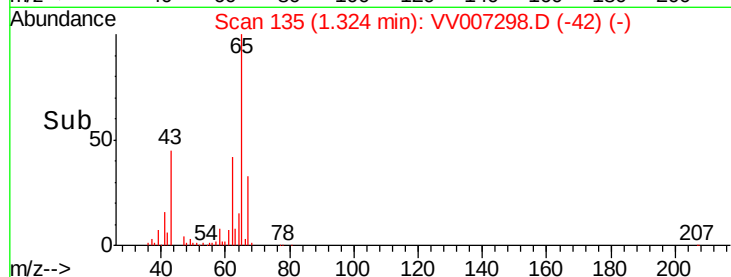
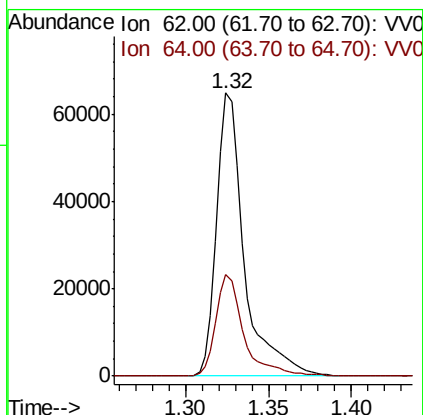
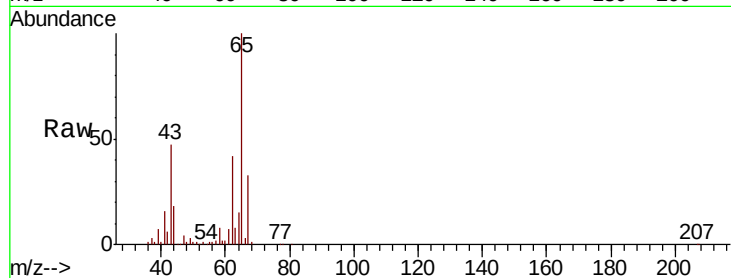
E0AA5

Tgt Ion: 62 Resp: 75522

Ion Ratio Lower Upper

62 100

64 35.7 23.2 43.0



#12

1,1-Dichloroethene

Concen: 1.999 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.01 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

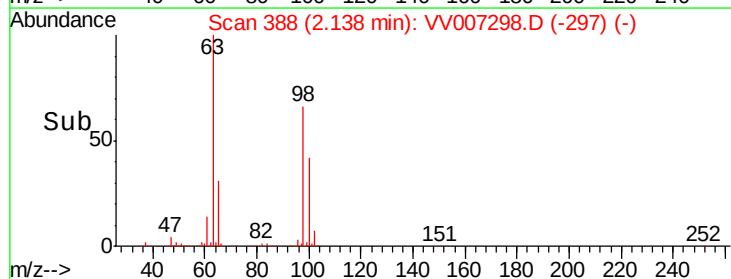
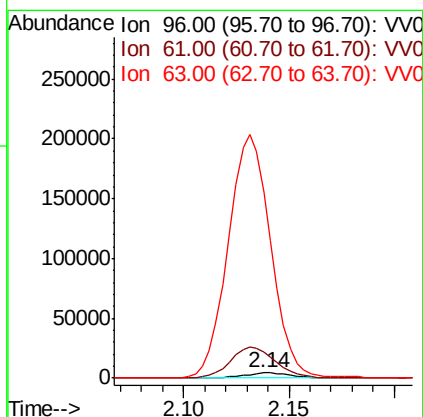
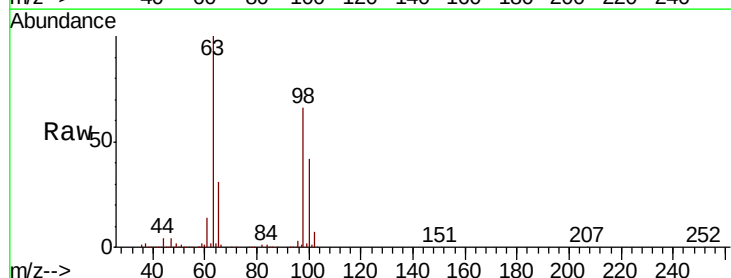
Tgt Ion: 96 Resp: 6924

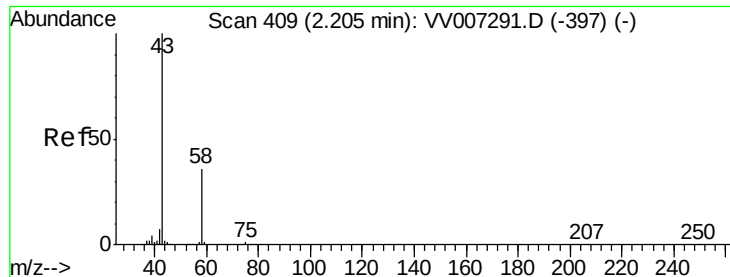
Ion Ratio Lower Upper

96 100

61 497.1 106.3 197.5#

63 3546.2 71.0 131.8#





#13

Acetone

Concen: 1.869 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

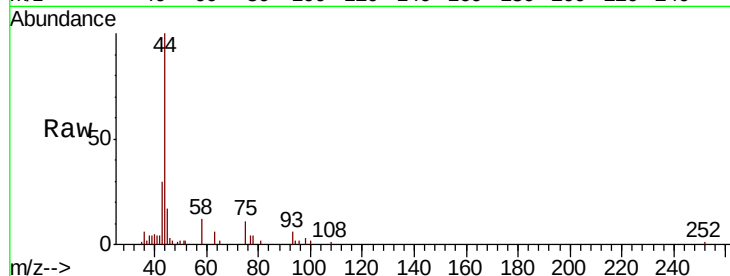
Instrument :
MSVOA_V
ClientSampled :
E0AA5

Tgt Ion: 43 Resp: 4532

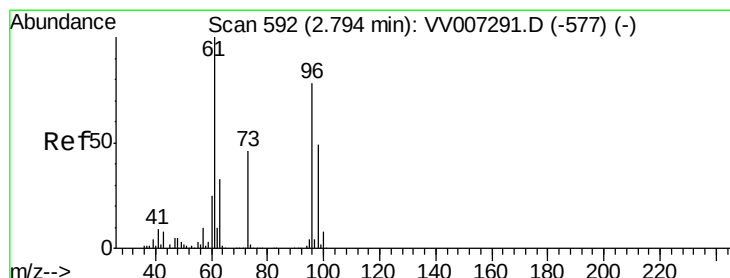
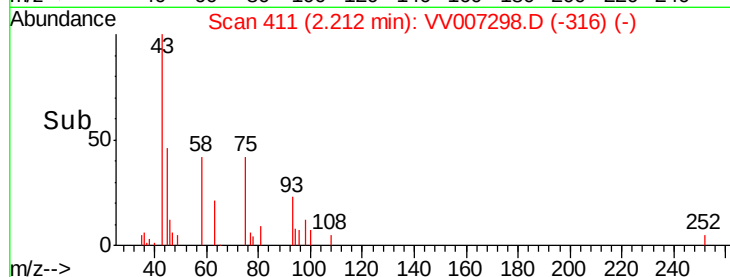
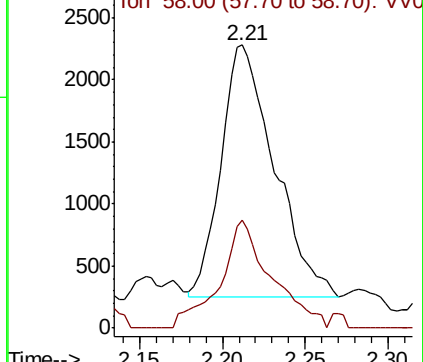
Ion Ratio Lower Upper

43 100

58 41.1 0.0 72.2



Abundance Ion 43.00 (42.70 to 43.70): VV007298.D (-411) (-)



#17

trans-1,2-Dichloroethene

Concen: 4.832 ug/L

RT: 2.79 min Scan# 592

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

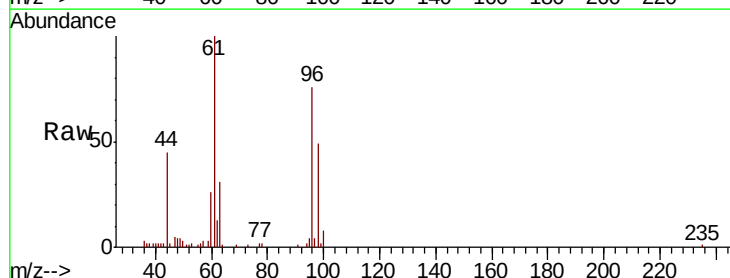
Tgt Ion: 96 Resp: 18177

Ion Ratio Lower Upper

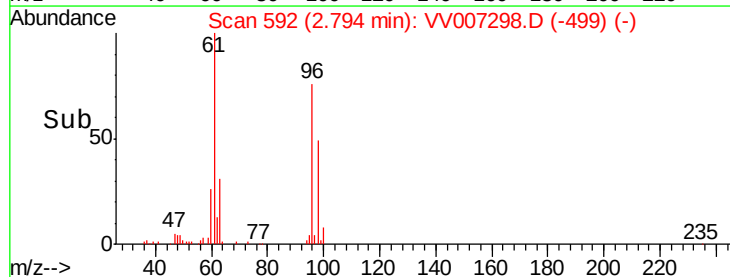
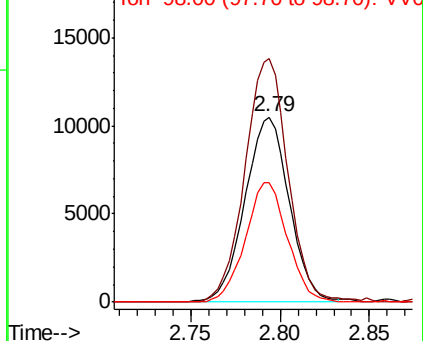
96 100

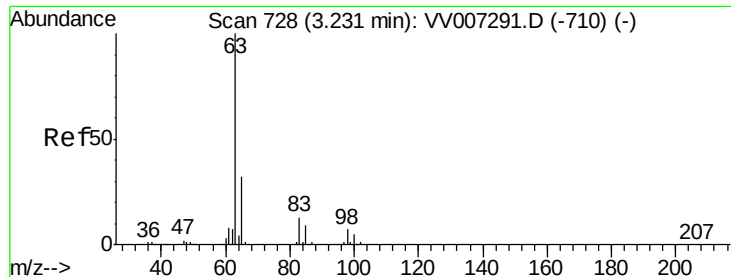
61 131.7 90.4 167.8

98 64.6 44.2 82.0



Abundance Ion 96.00 (95.70 to 96.70): VV007298.D (-592) (-)

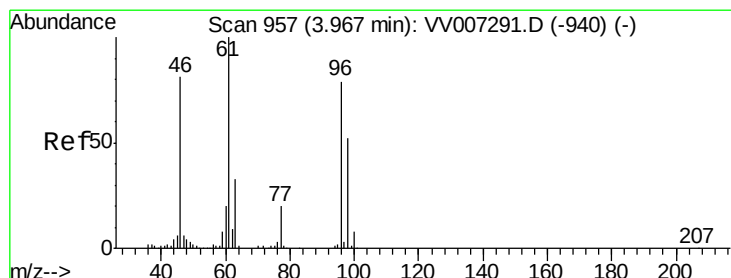
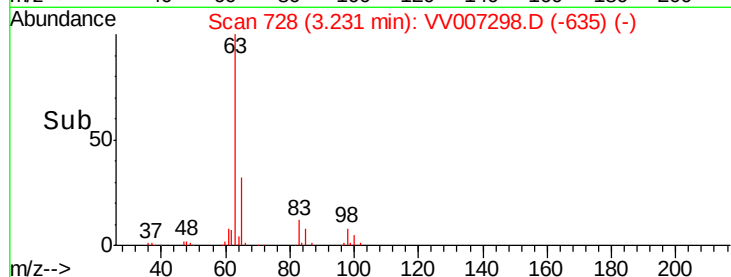
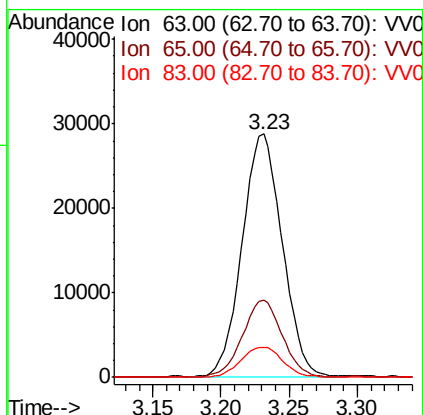
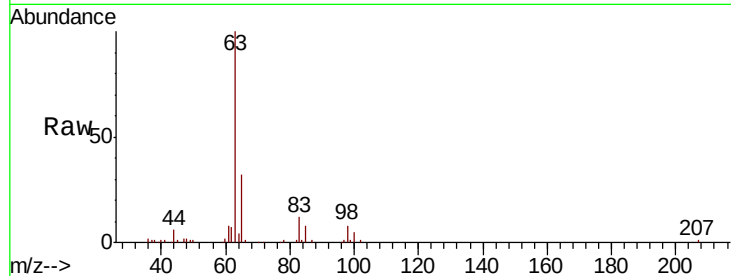




#19
 1,1-Dichloroethane
 Concen: 7.760 ug/L
 RT: 3.23 min Scan# 728
 Delta R.T. -0.00 min
 Lab File: VV007298.D
 Acq: 31 Aug 2018 14:09

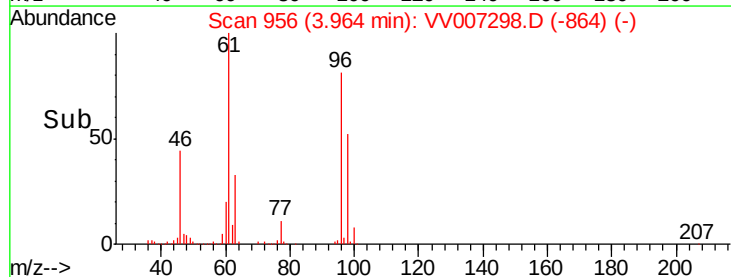
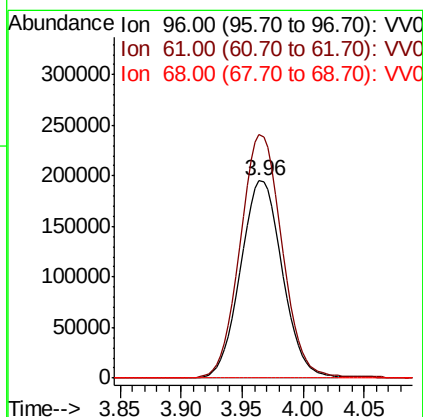
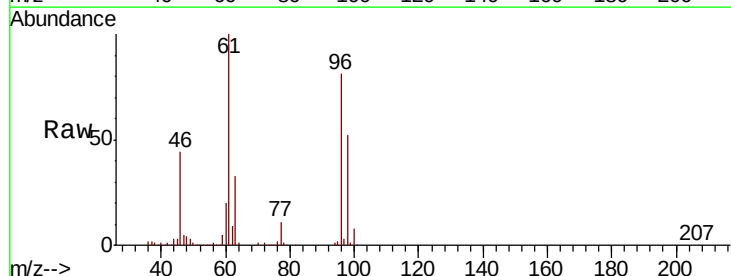
Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA5

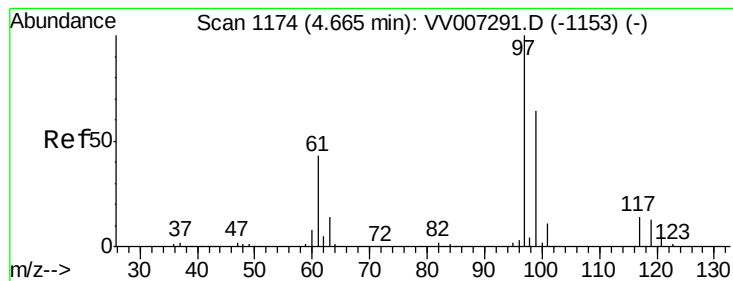
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	41.0
83	12.3	8.8	16.4



#20
 cis-1,2-Dichloroethene
 Concen: 107.024 ug/L
 RT: 3.96 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VV007298.D
 Acq: 31 Aug 2018 14:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.5	88.4	164.2
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 10.204 ug/L

RT: 4.66 min Scan# 1173

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

E0AA5

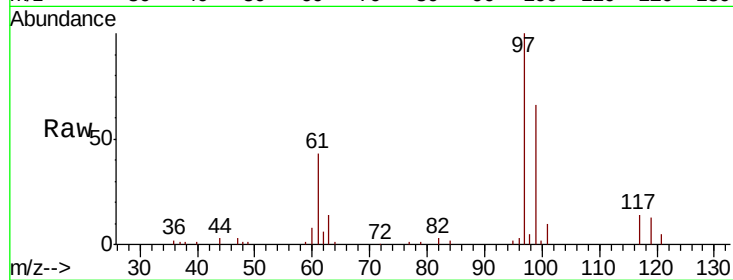
Tgt Ion: 97 Resp: 64384

Ion Ratio Lower Upper

97 100

99 63.9 51.4 77.0

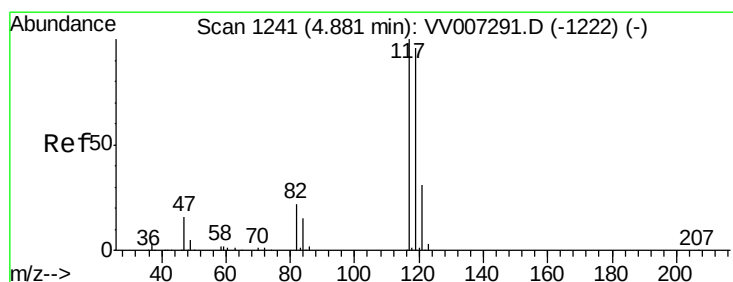
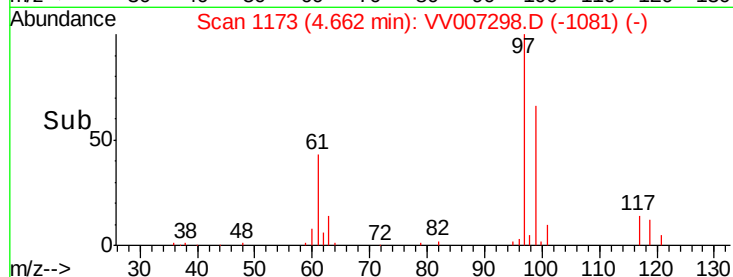
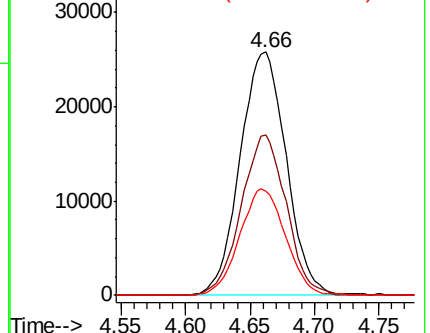
61 43.5 34.6 51.8



Abundance Ion 97.00 (96.70 to 97.70): VV007291.D (-1153) (-)

Ion 99.00 (98.70 to 99.70): VV007291.D (-1153) (-)

Ion 61.05 (60.75 to 61.75): VV007291.D (-1153) (-)



#31

Carbon tetrachloride

Concen: 1.603 ug/L

RT: 4.66 min Scan# 1172

Delta R.T. -0.22 min

Lab File: VV007298.D

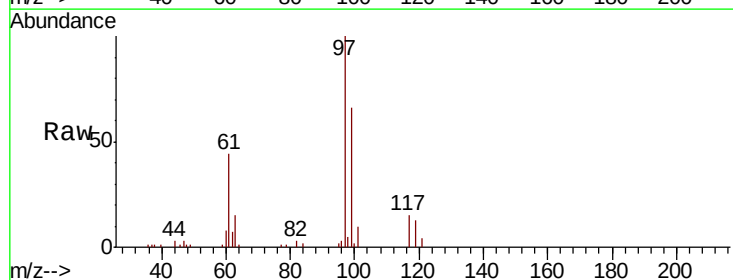
Acq: 31 Aug 2018 14:09

Tgt Ion: 117 Resp: 8729

Ion Ratio Lower Upper

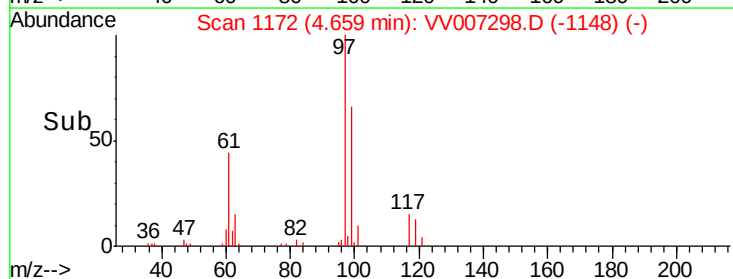
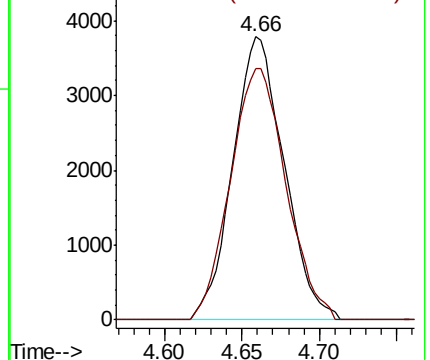
117 100

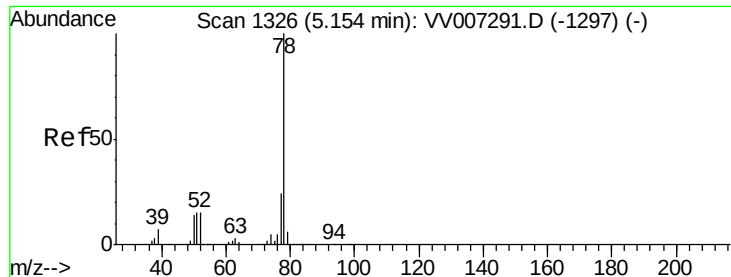
119 96.2 77.1 115.7



Abundance Ion 117.00 (116.70 to 117.70): VV007291.D (-1222) (-)

Ion 119.00 (118.70 to 119.70): VV007291.D (-1222) (-)





#33

Benzene

Concen: 1.450 ug/L

RT: 5.15 min Scan# 1325

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

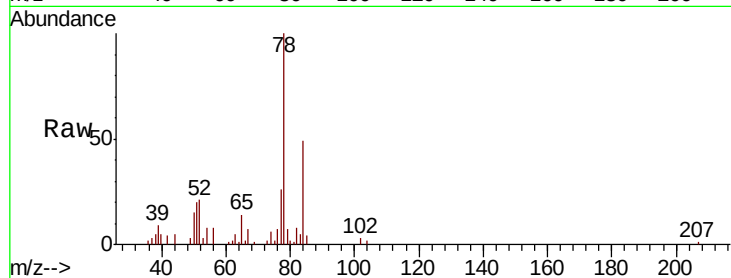
Instrument :

MSVOA_V

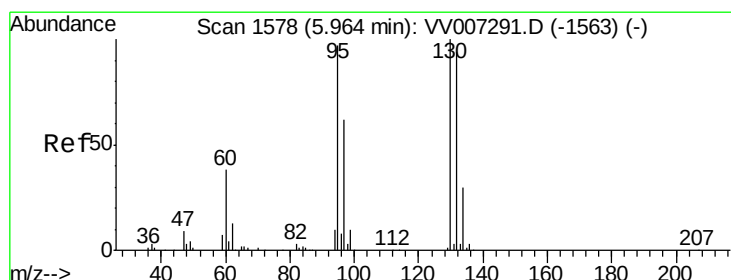
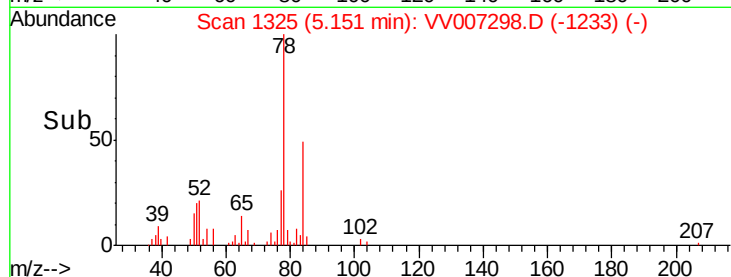
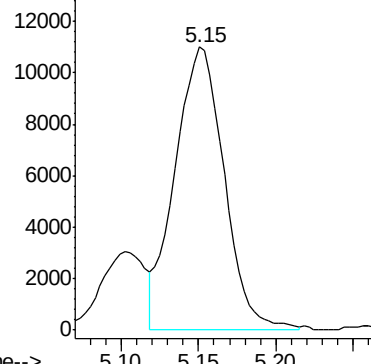
ClientSampleId :

E0AA5

Tgt Ion: 78 Resp: 24353



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 272.160 ug/L

RT: 5.96 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Tgt Ion: 95 Resp: 1107280

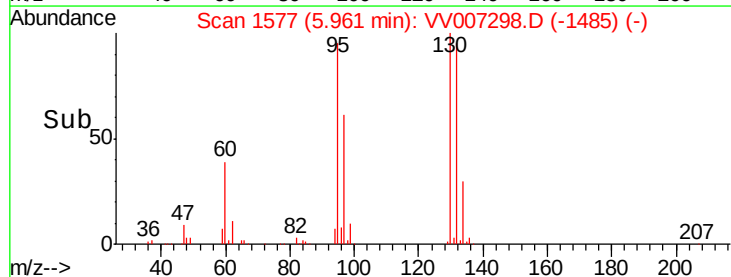
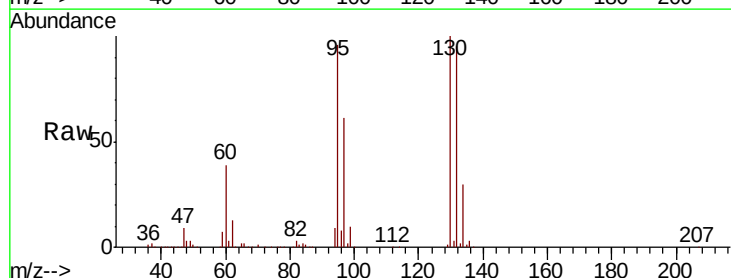
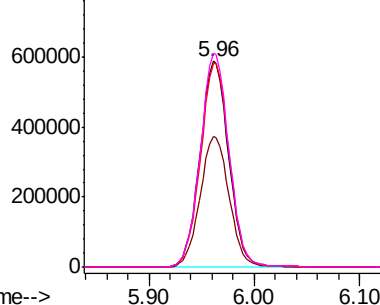
Ion	Ratio	Lower	Upper
95	100		
97	63.5	45.1	83.9
132	99.0	68.3	126.9
130	103.9	72.4	134.5

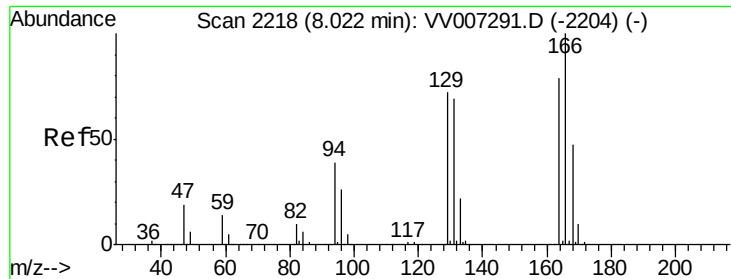
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

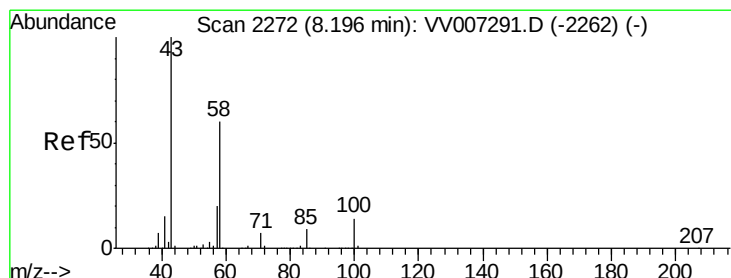
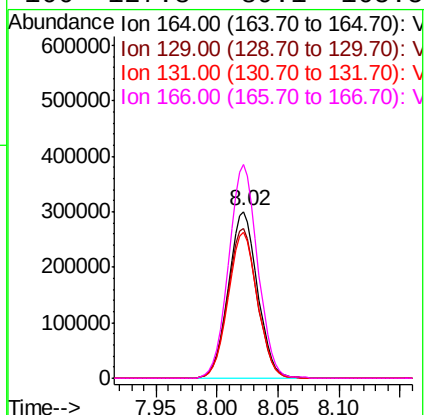
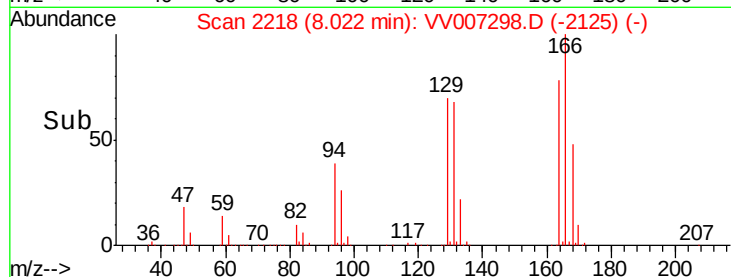
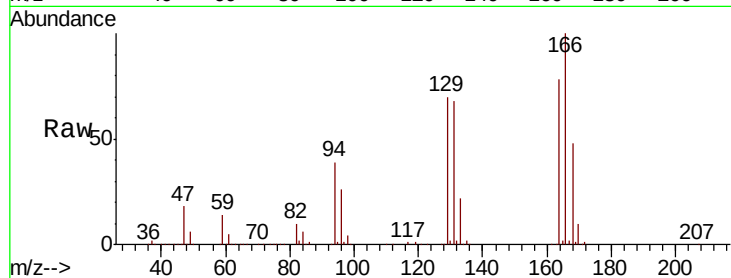




#46
Tetrachloroethene
Concen: 147.221 ug/L
RT: 8.02 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VV007298.D
Acq: 31 Aug 2018 14:09

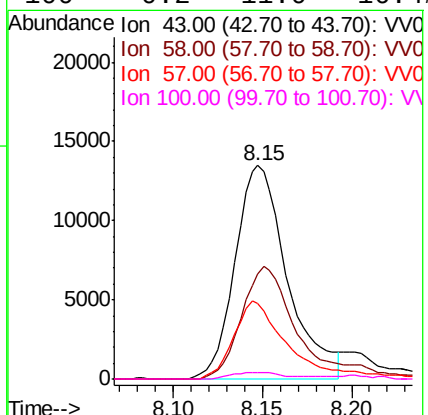
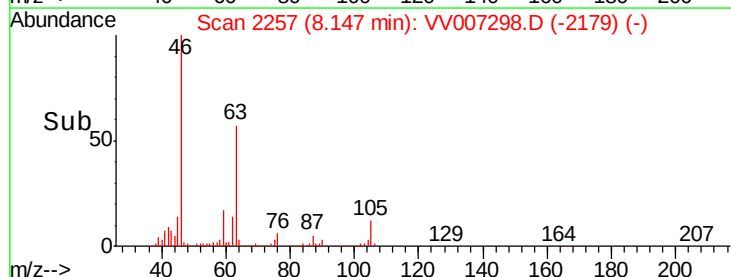
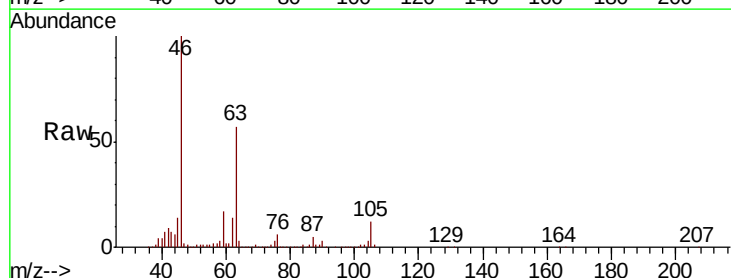
Instrument :
MSVOA_V
ClientSampleId :
E0AA5

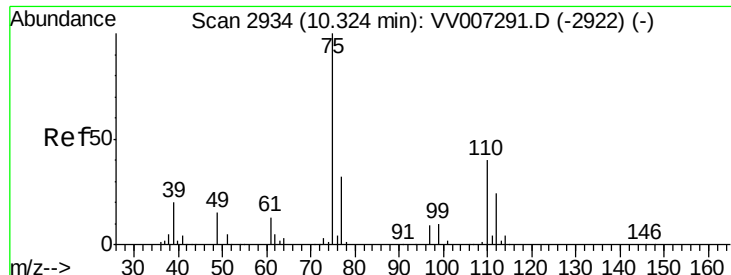
Tgt Ion:	164	Resp:	502129
Ion	Ratio	Lower	Upper
164	100		
129	89.8	64.5	119.7
131	87.3	61.2	113.8
166	127.8	89.1	165.5



#48
2-Hexanone
Concen: 6.580 ug/L
RT: 8.15 min Scan# 2257
Delta R.T. -0.05 min
Lab File: VV007298.D
Acq: 31 Aug 2018 14:09

Tgt Ion:	43	Resp:	27535
Ion	Ratio	Lower	Upper
43	100		
58	53.7	48.2	72.4
57	35.7	15.9	23.9#
100	0.2	11.0	16.4#





#59

1,2,3-Trichloropropane

Concen: 4.685 ug/L

RT: 11.30 min Scan# 3237

Delta R.T. 0.97 min

Lab File: VV007298.D

Acq: 31 Aug 2018 14:09

Instrument :

MSVOA_V

ClientSampleId :

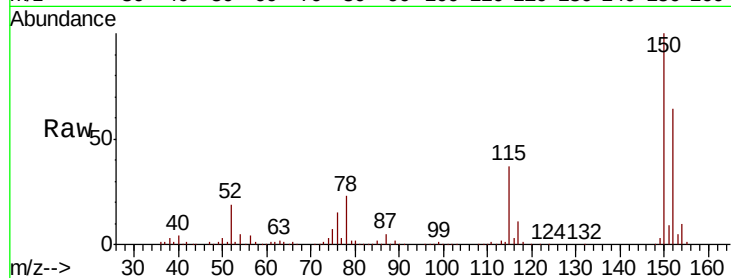
E0AA5

Tgt Ion: 75 Resp: 25206

Ion Ratio Lower Upper

75 100

77 35.3 25.9 38.9



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

