

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011720\
 Data File : VV014336.D
 Acq On : 17 Jan 2020 14:24
 Operator : SY/MD
 Sample : L1169-06
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF765

Quant Time: Jan 17 22:55:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 17 22:51:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	725349	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	685514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	322239	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	210887	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.59	69	187481	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	255360	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.93	46	619411	50.81	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.62%
24) Chloroform-d	4.40	84	470760	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.08	65	241936	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	985594	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	314471	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	871598	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.66	79	128044	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.13	63	591302	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	228472	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	298024	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

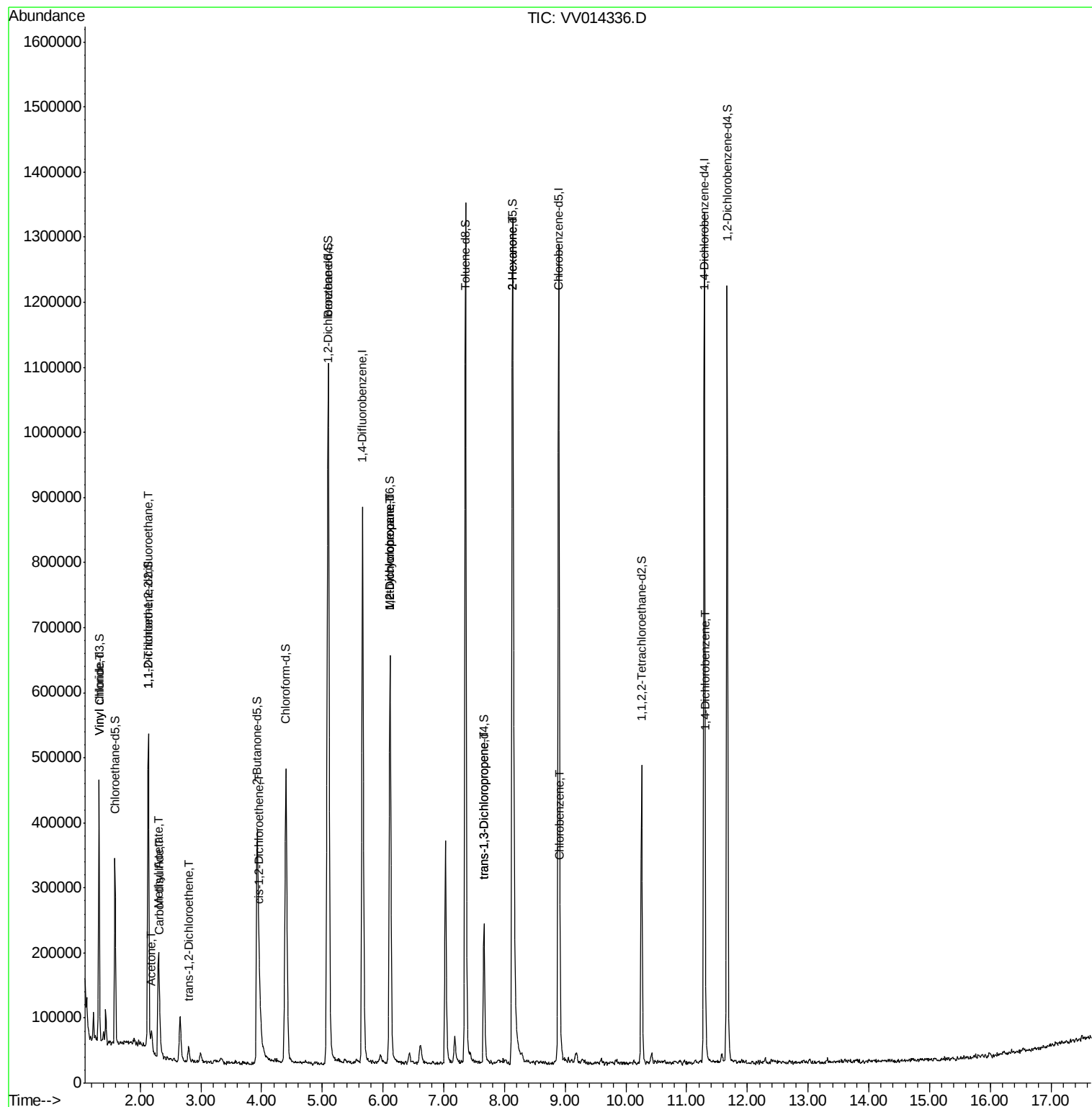
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.33	62	5110	0.101	ug/L #	14
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2751	0.085	ug/L #	30
13) Acetone	2.19	43	22208	2.645	ug/L	99
14) Carbon disulfide	2.32	76	34726	0.241	ug/L	97
15) Methyl Acetate	2.30	43	38698	1.980	ug/L #	54
18) trans-1,2-Dichloroethene	2.79	96	7414	0.152	ug/L	76
22) cis-1,2-Dichloroethene	3.97	96	19252	0.361	ug/L #	85
35) Methylcyclohexane	6.12	83	74701	0.842	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	34162	0.641	ug/L #	88
44) trans-1,3-Dichloropropene	7.66	75	4943	0.075	ug/L	88
48) 2-Hexanone	8.13	43	71744	3.088	ug/L #	73
51) Chlorobenzene	8.92	112	13171	0.096	ug/L	95
63) 1,4-Dichlorobenzene	11.31	146	5745	0.057	ug/L	88

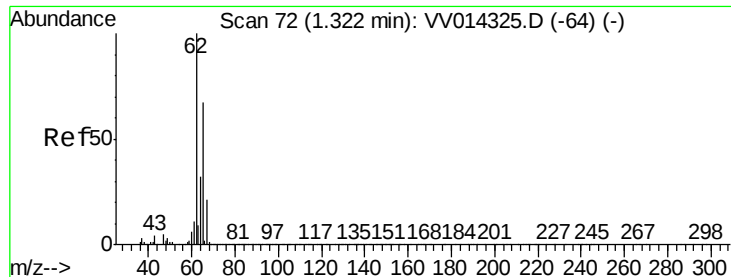
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.101 ug/L

RT: 1.33 min Scan# 74

Delta R.T. 0.01 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

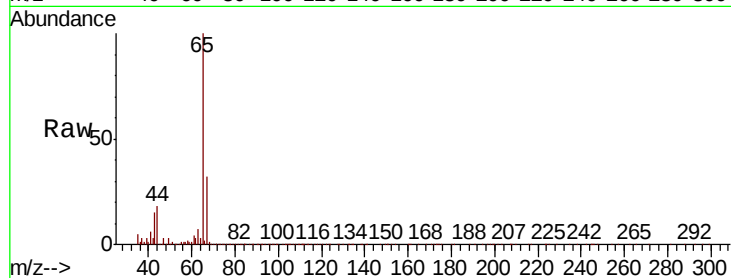
BF765

Tot Ion: 62 Resp: 5110

Ion Ratio Lower Upper

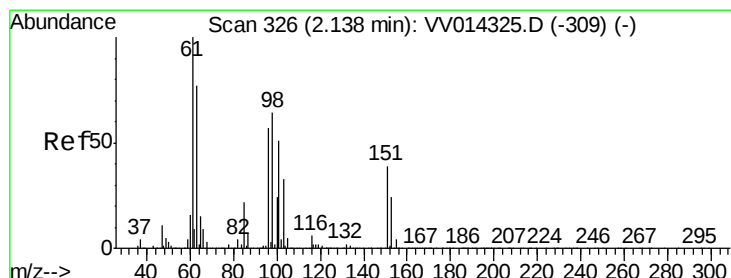
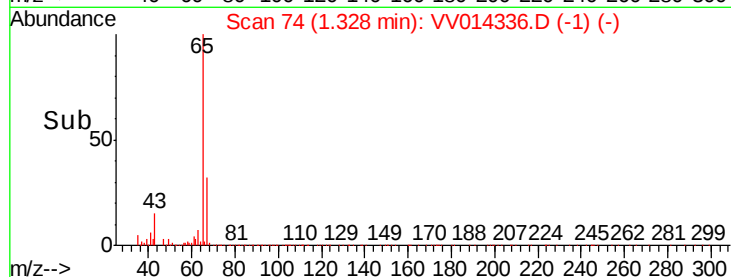
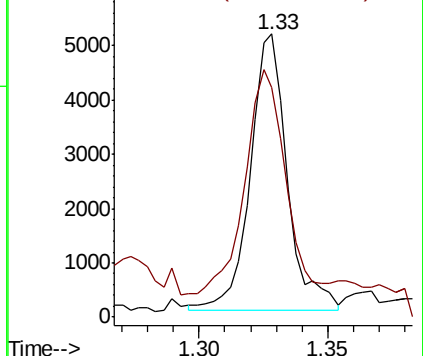
62 100

64 81.1 23.0 42.6#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#10

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

Concen: 0.085 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

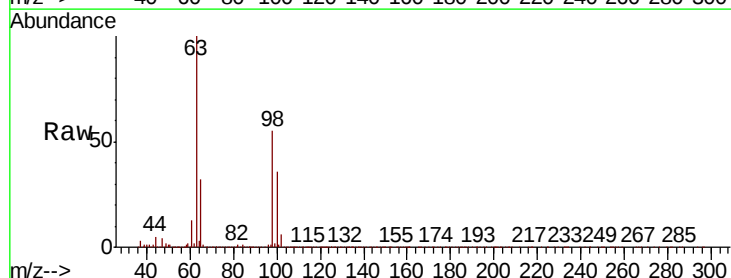
Tgt Ion: 101 Resp: 2751

Ion Ratio Lower Upper

101 100

85 2.9 34.9 52.3#

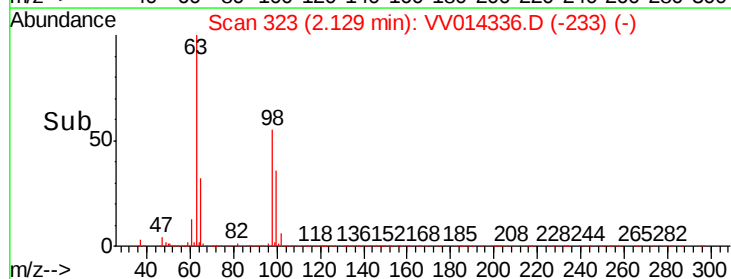
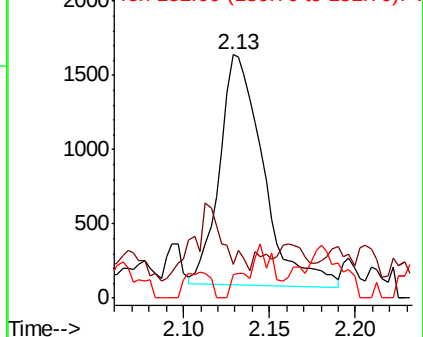
151 14.1 62.5 93.7#

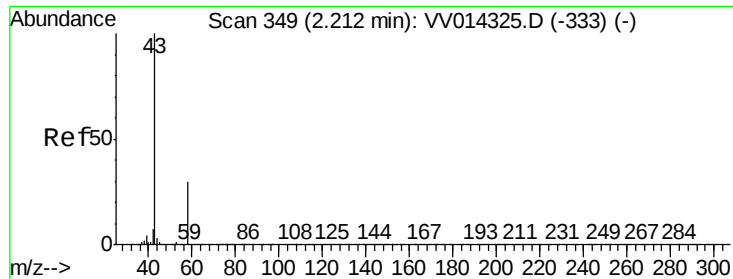


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V





#13

Acetone

Concen: 2.645 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.02 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

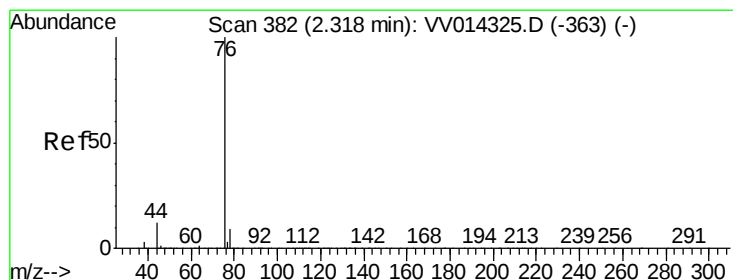
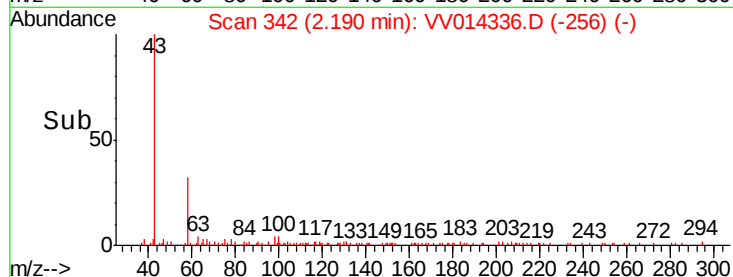
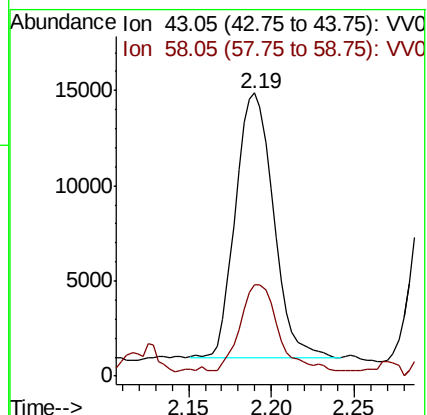
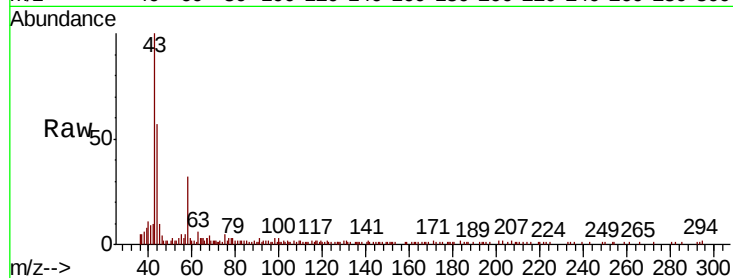
BF765

Tot Ion: 43 Resp: 22208

Ion Ratio Lower Upper

43 100

58 32.4 0.0 66.0



#14

Carbon disulfide

Concen: 0.241 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VV014336.D

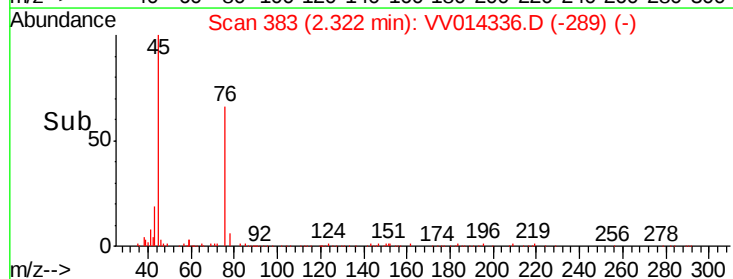
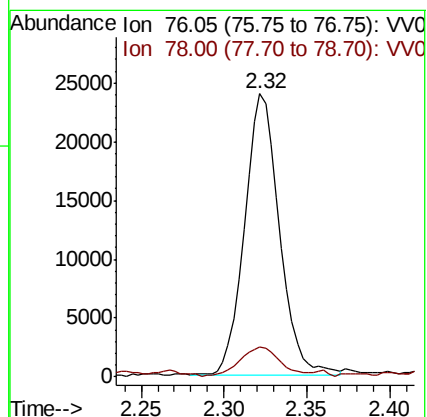
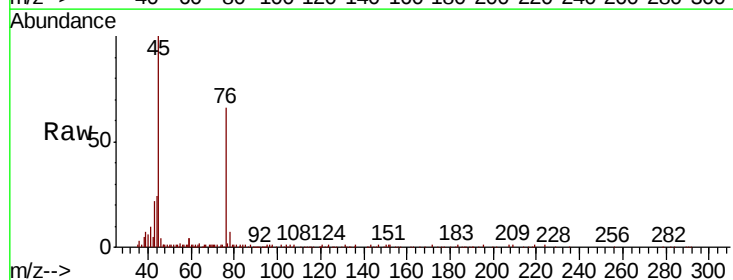
Acq: 17 Jan 2020 14:24

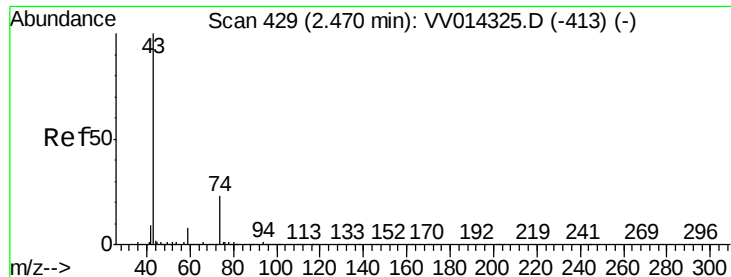
Tgt Ion: 76 Resp: 34726

Ion Ratio Lower Upper

76 100

78 10.4 7.5 11.3

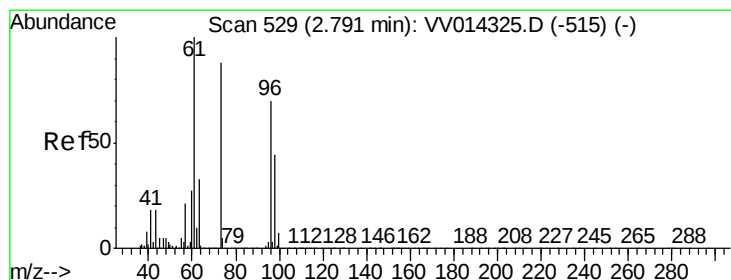
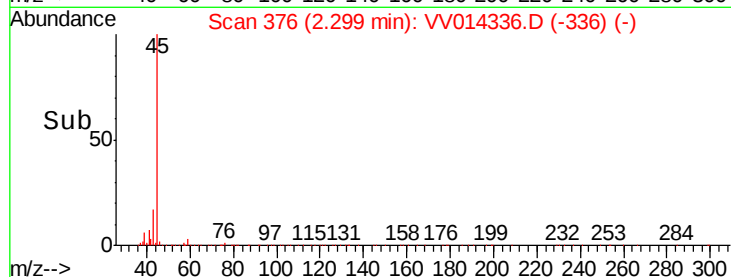
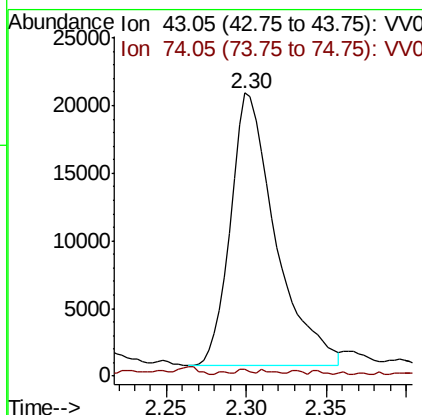
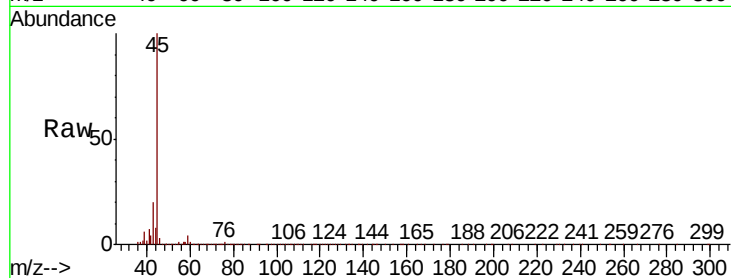




#15
Methvl Acetate
Concen: 1.980 ug/L
RT: 2.30 min Scan# 376
Delta R.T. -0.17 min
Lab File: VV014336.D
Acq: 17 Jan 2020 14:24

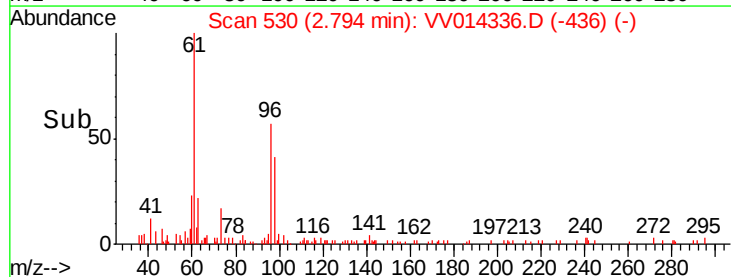
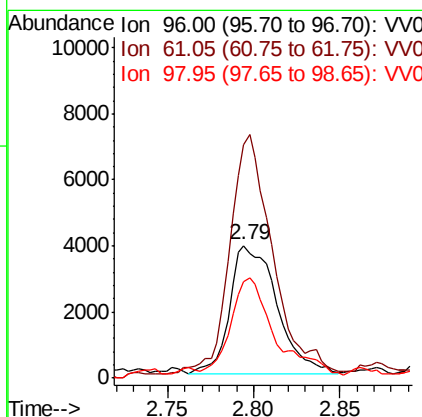
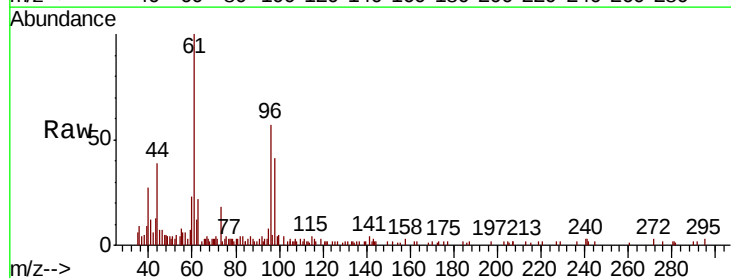
Instrument :
MSVOA_V
ClientSampleId :
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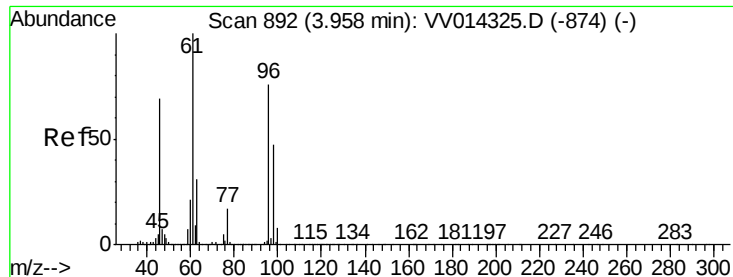
Tot Ion: 43 Resp: 38698
Ion Ratio Lower Upper
43 100
74 0.6 18.6 28.0#



#18
trans-1,2-Dichloroethene
Concen: 0.152 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.00 min
Lab File: VV014336.D
Acq: 17 Jan 2020 14:24

Tgt Ion: 96 Resp: 7414
Ion Ratio Lower Upper
96 100
61 176.3 99.2 184.2
98 72.8 43.1 80.1





#22

cis-1,2-Dichloroethene

Concen: 0.361 ug/L

RT: 3.97 min Scan# 895

Delta R.T. 0.01 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

Instrument :

MSVOA_V

ClientSampleId :

BF765

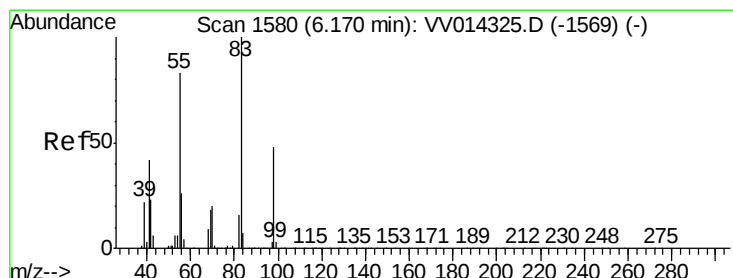
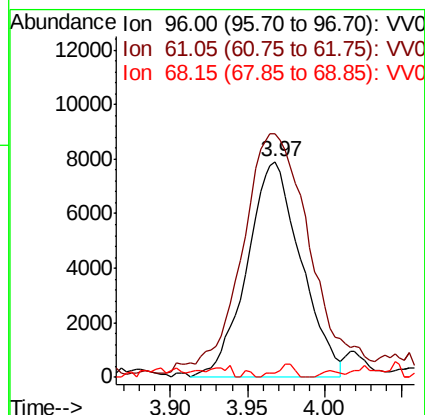
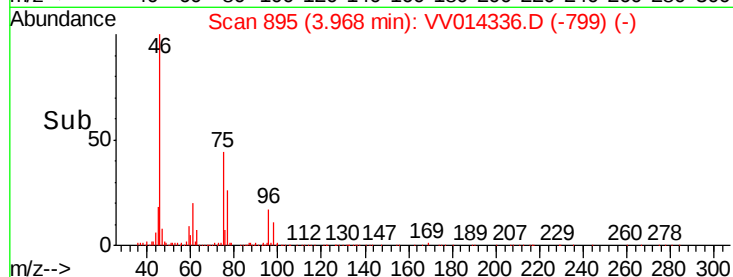
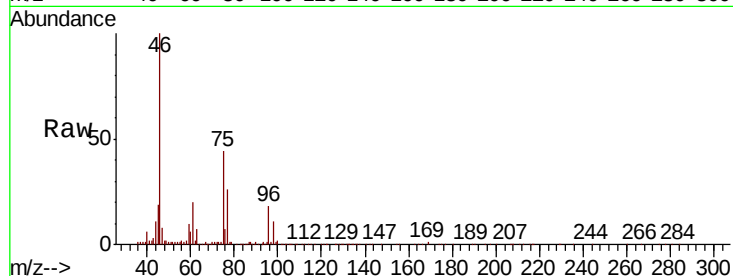
Tot Ion: 96 Resp: 19252

Ion Ratio Lower Upper

96 100

61 112.6 90.6 168.3

68 2.1 0.3 0.7#



#35

Methylcyclohexane

Concen: 0.842 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

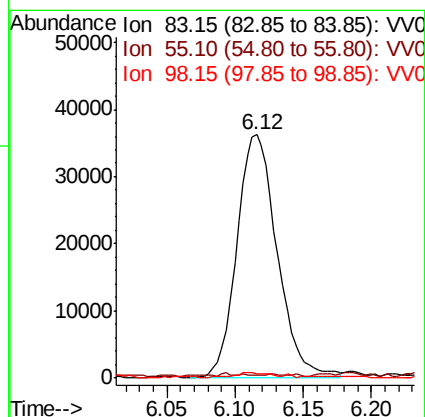
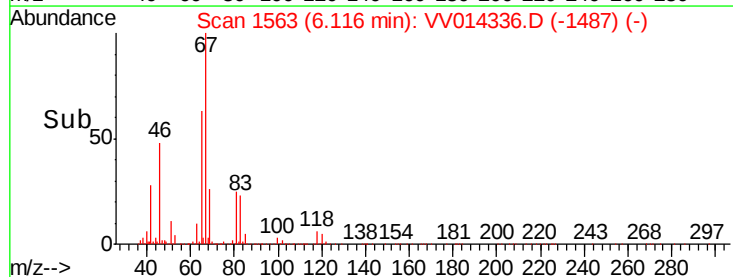
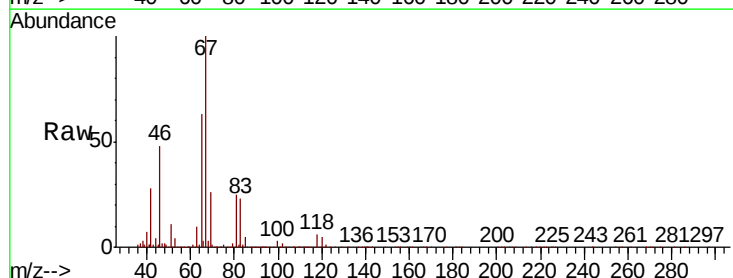
Tgt Ion: 83 Resp: 74701

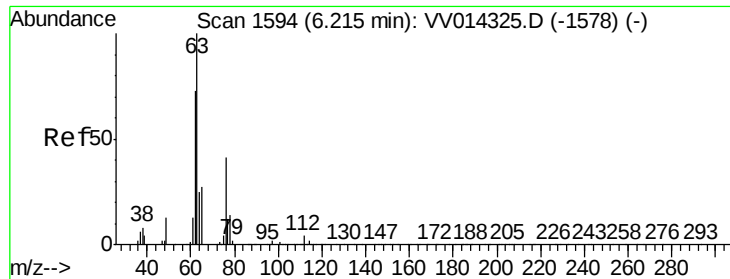
Ion Ratio Lower Upper

83 100

55 0.3 61.7 92.5#

98 0.0 38.1 57.1#

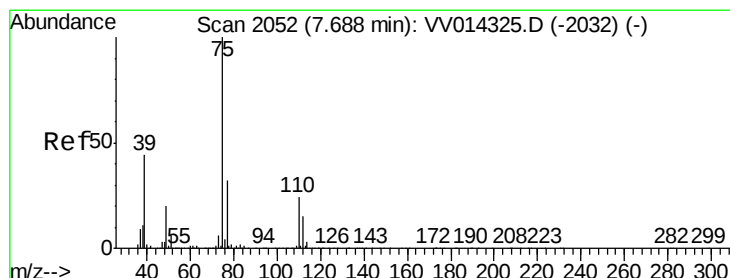
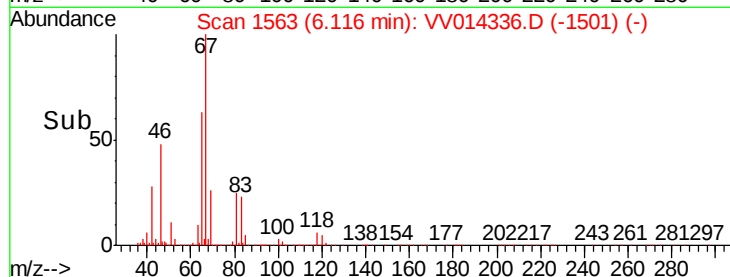
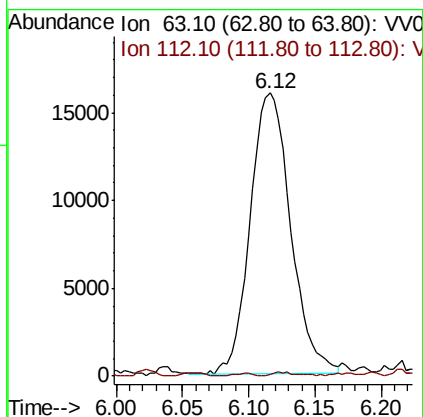
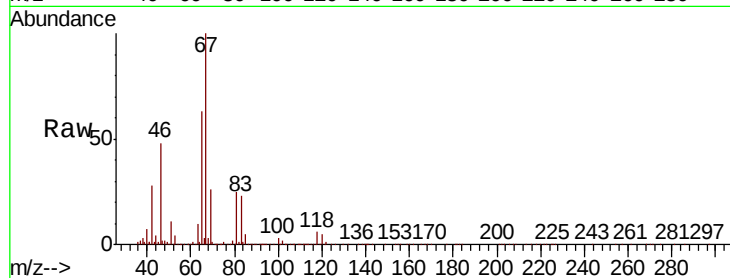




#37
 1,2-Dichloropropane
 Concen: 0.641 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV014336.D
 Acq: 17 Jan 2020 14:24

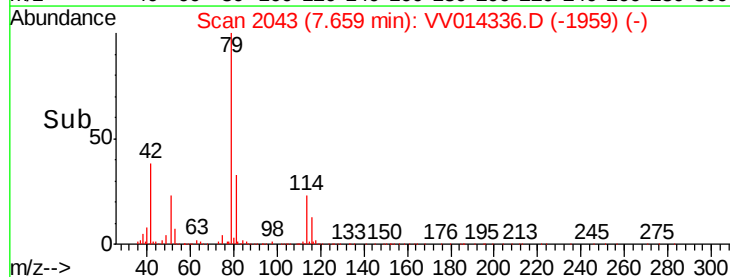
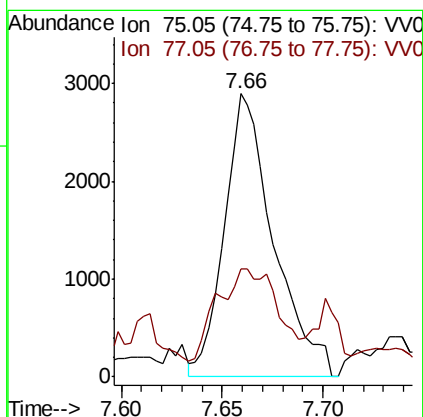
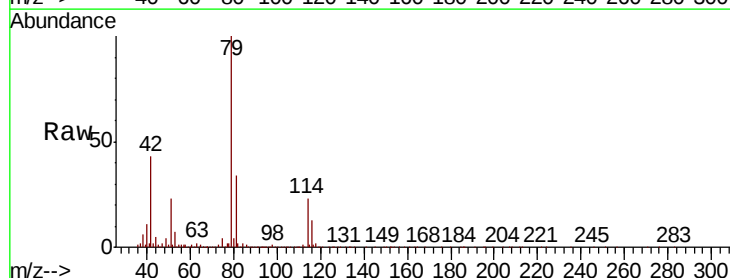
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 ClientSampled :
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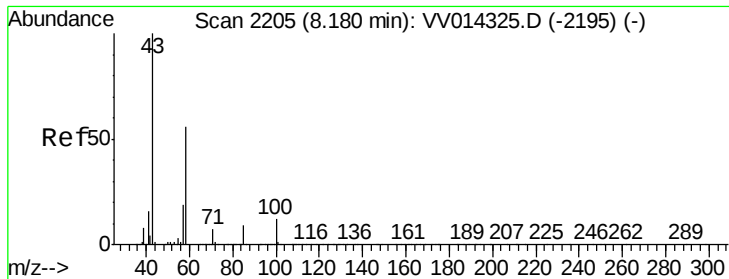
Tot Ion: 63 Resp: 34162
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.7 5.5#



#44
 trans-1,3-Dichloropropene
 Concen: 0.075 ug/L
 RT: 7.66 min Scan# 2043
 Delta R.T. -0.03 min
 Lab File: VV014336.D
 Acq: 17 Jan 2020 14:24

Tgt Ion: 75 Resp: 4943
 Ion Ratio Lower Upper
 75 100
 77 38.1 22.0 41.0

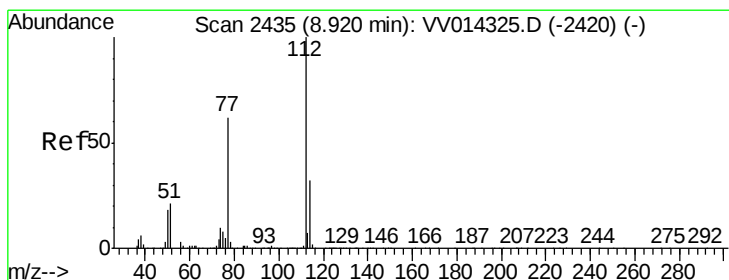
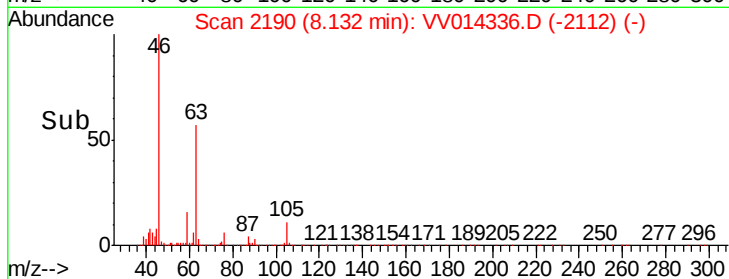
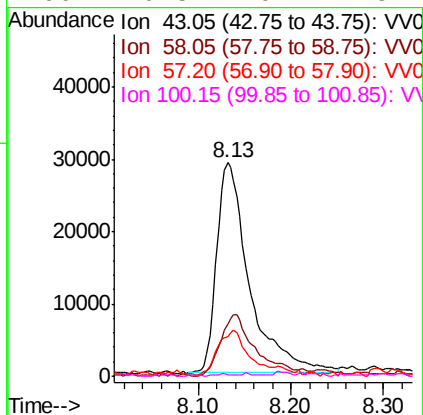
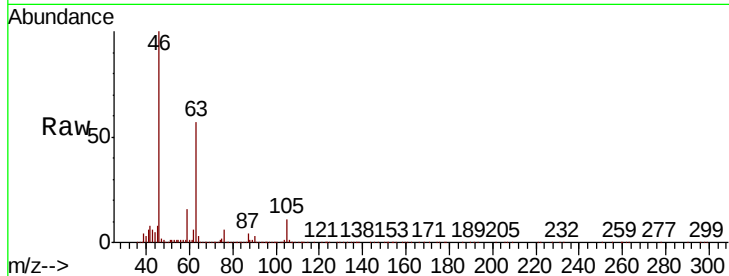




#48
2-Hexanone
Concen: 3.088 ug/L
RT: 8.13 min Scan# 2190
Delta R.T. -0.05 min
Lab File: VV014336.D
Acq: 17 Jan 2020 14:24

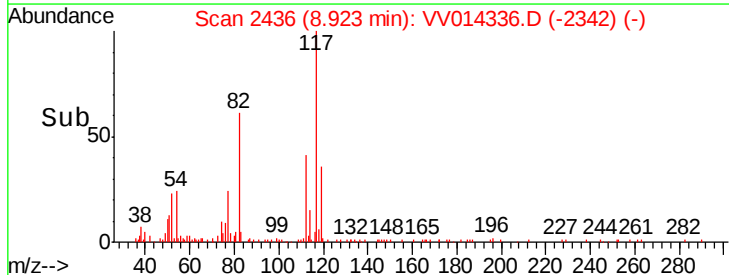
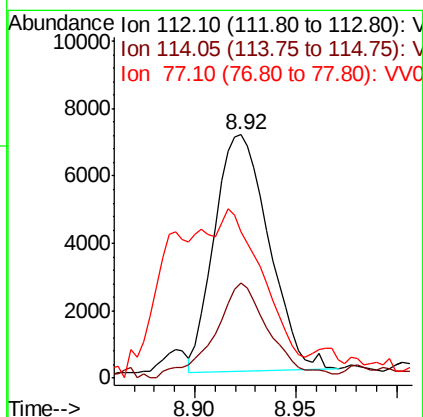
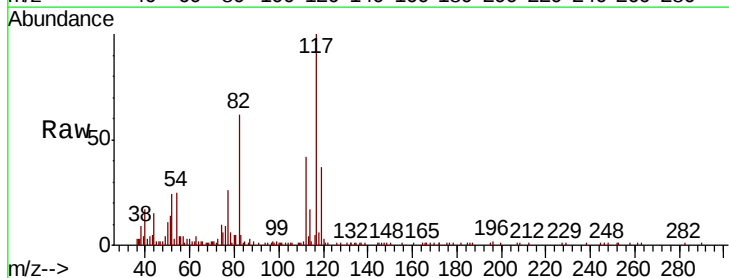
Instrument :
MSVOA_V
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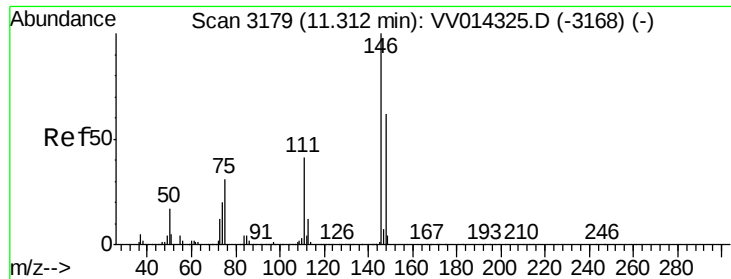
Tot Ion:	43	Resp:	71744
Ion	Ratio	Lower	Upper
43	100		
58	31.0	45.4	68.0#
57	19.5	15.8	23.8
100	0.5	10.2	15.4#



#51
Chlorobenzene
Concen: 0.096 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. 0.00 min
Lab File: VV014336.D
Acq: 17 Jan 2020 14:24

Tgt Ion:	112	Resp:	13171
Ion	Ratio	Lower	Upper
112	100		
114	39.0	22.5	41.7
77	60.2	49.3	73.9





#63

1,4-Dichlorobenzene

Concen: 0.057 ug/L

RT: 11.31 min Scan# 3180

Delta R.T. 0.00 min

Lab File: VV014336.D

Acq: 17 Jan 2020 14:24

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ClientSampleId :

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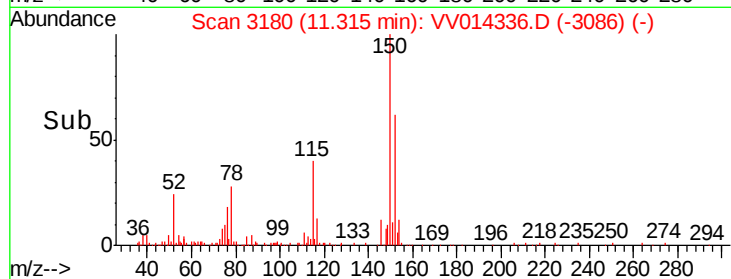
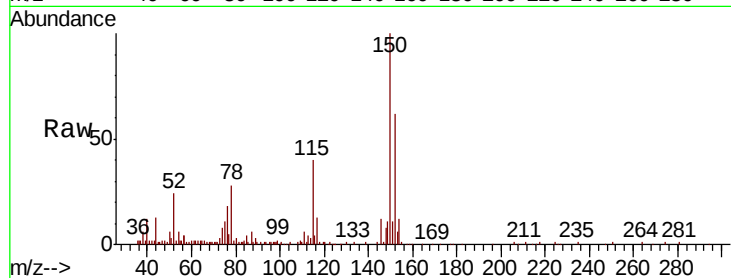
Tot Ion:146 Resp: 5745

Ion Ratio Lower Upper

146 100

111 51.6 28.8 53.4

148 71.2 44.5 82.7



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

