

Data File : VV013407.D
Acq On : 29 Oct 2019 20:41
Operator : SY/MD
Sample : K5597-05
Misc : 25.0ML/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GAQD6

Quant Time: Oct 30 02:55:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 30 02:50:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	396934	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	253467	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	157567	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.58	69	139765	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.13	63	207797	3.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.20%
20) 2-Butanone-d5	3.93	46	428691	49.56	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.12%
24) Chloroform-d	4.40	84	342593	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	161029	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	684307	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	6.12	67	215788	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	687068	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	7.66	79	66678	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.13	63	313405	61.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.42%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	167297	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	246946	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

						Qvalue
3) Chloromethane	1.23	50	26086	0.577	ug/L #	74
5) Vinyl chloride	1.32	62	70108	1.599	ug/L #	1
8) Chloroethane	1.46	64	281884	11.254	ug/L #	52
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2360	0.074	ug/L #	28
12) 1,1-Dichloroethene	2.14	96	2230	0.073	ug/L #	1
13) Acetone	2.15	43	139822	33.082	ug/L	53
14) Carbon disulfide	2.32	76	99652	1.078	ug/L	99
15) Methyl Acetate	2.56	43	7408096	468.286	ug/L #	55
16) Methylene chloride	2.48	84	57791	1.305	ug/L #	1
18) trans-1,2-Dichloroethene	2.79	96	24520	0.602	ug/L	92
21) 2-Butanone	3.90	43	64308	6.984	ug/L #	54
22) cis-1,2-Dichloroethene	3.96	96	47866	1.166	ug/L #	96
25) Chloroform	4.46	83	126648	1.600	ug/L #	47
27) 1,2-Dichloroethane	5.16	62	1117828	25.587	ug/L #	75
30) Cyclohexane	4.73	56	12326801	199.643	ug/L	96
34) Trichloroethene	5.99	95	69461	1.706	ug/L #	15
35) Methylcyclohexane	6.18	83	10694365	176.076	ug/L	94

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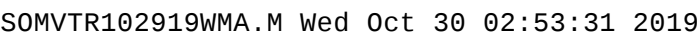
Instrument :
MSVOA_V
ClientSampleId :
GAQD6

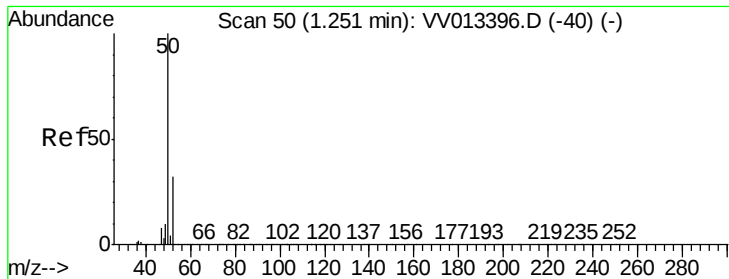
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Quant Title : TRACE VOA SOM01.0
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2-Dichloropropane	6.18	63	78807	2.102	ug/L #	1
38) Bromodichloromethane	6.51	83	52782	1.122	ug/L #	63
39) cis-1,3-Dichloropropene	7.03	75	10570	0.209	ug/L #	1
40) 4-Methyl-2-pentanone	7.31	43	298896	14.156	ug/L #	50
42) Toluene	7.43	91	3484872	22.532	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	4041	0.101	ug/L #	1
45) 1,1,2-Trichloroethane	7.83	97	1161464	46.525	ug/L #	21
48) 2-Hexanone	8.18	43	9031	0.605	ug/L #	37
50) 1,2-Dibromoethane	8.37	107	4223	0.184	ug/L #	1
51) Chlorobenzene	8.93	112	5543	0.056	ug/L #	1
52) Ethylbenzene	9.05	91	4155346	25.342	ug/L	99
53) m,p-xylene	9.18	106	3082816	50.902	ug/L	93
54) o-xylene	9.59	106	126035	2.151	ug/L	96
55) Styrene	9.58	104	9852	0.100	ug/L #	1
56) Isopropylbenzene	9.97	105	6440332	40.835	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	58236	2.199	ug/L #	38
59) 1,2,3-Trichloropropane	10.26	75	3673	0.170	ug/L #	43
63) 1,4-Dichlorobenzene	11.32	146	6438	0.075	ug/L #	74
66) 1,2-Dibromo-3-chloropropan	12.46	75	50037	11.152	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.68	180	3497	0.051	ug/L #	84
68) 1,2,4-trichlorobenzene	13.31	180	5353	0.101	ug/L #	1
69) Naphthalene	13.55	128	8997352	124.059	ug/L	98

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

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#3

Chloromethane

Concen: 0.577 ug/L

RT: 1.23 min Scan# 42

Delta R.T. -0.03 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

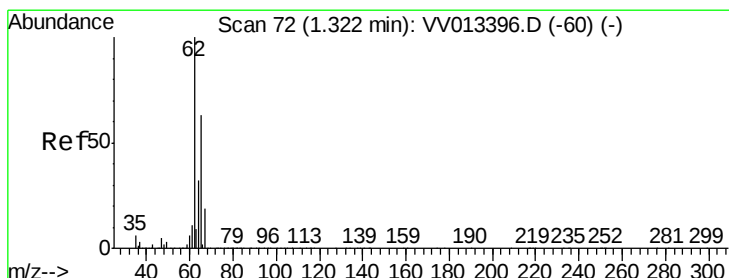
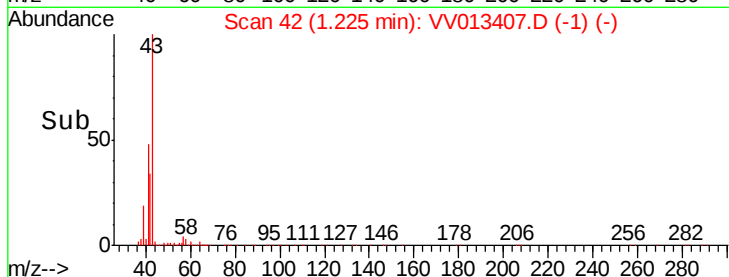
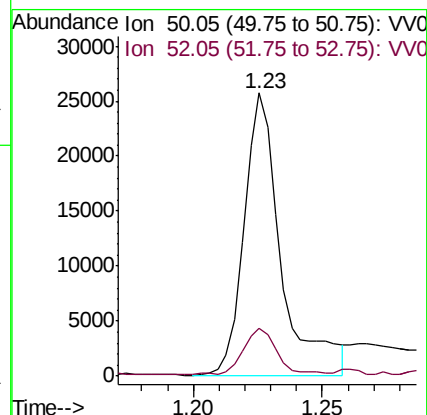
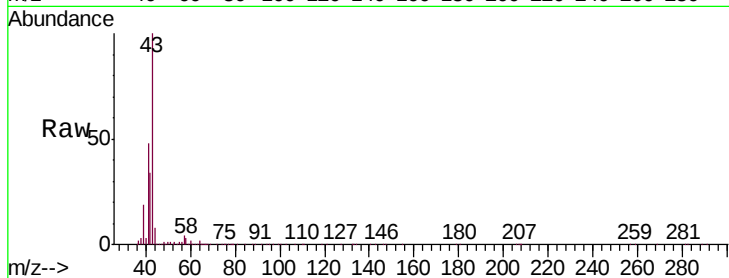
GAQD6

Tgt Ion: 50 Resp: 26086

Ion Ratio Lower Upper

50 100

52 16.7 21.9 40.7#



#5

Vinyl chloride

Concen: 1.599 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013407.D

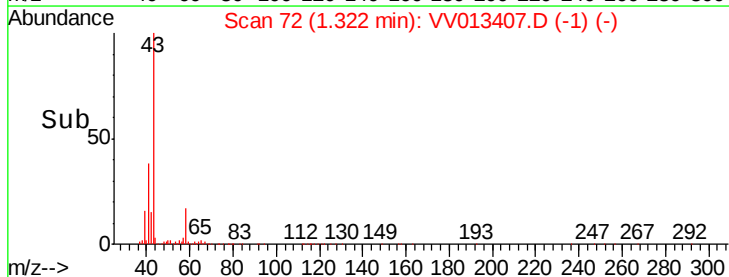
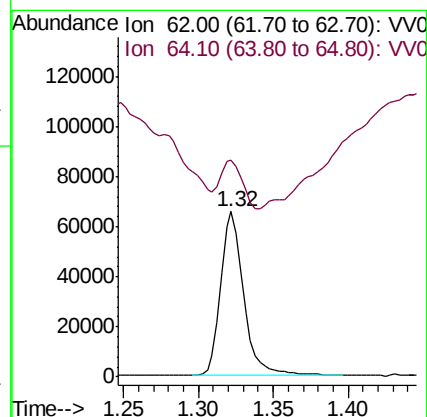
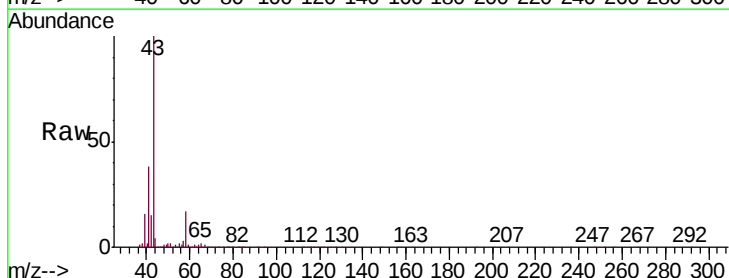
Acq: 29 Oct 2019 20:41

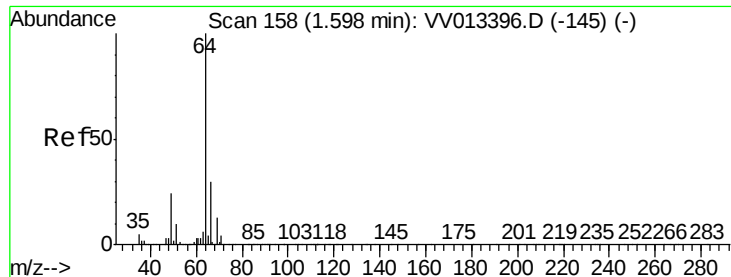
Tgt Ion: 62 Resp: 70108

Ion Ratio Lower Upper

62 100

64 131.6 23.0 42.6#





#8

Chloroethane

Concen: 11.254 ug/L

RT: 1.46 min Scan# 114

Delta R.T. -0.14 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampled :

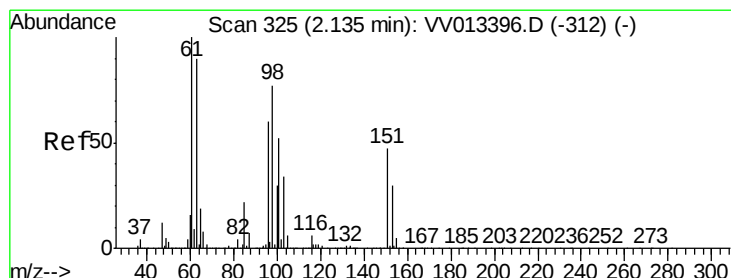
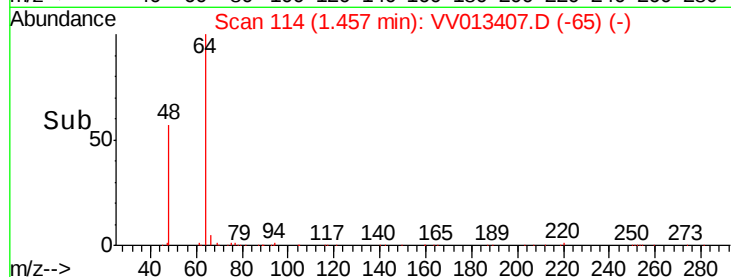
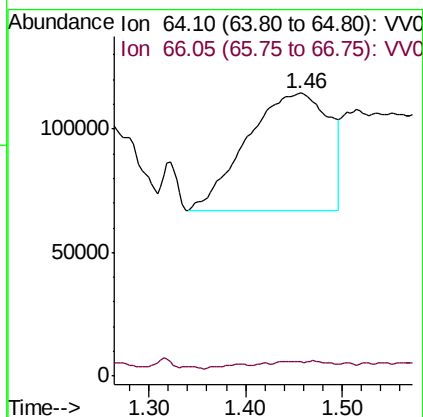
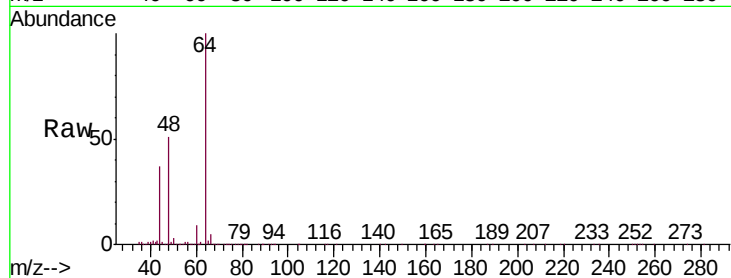
GAQD6

Tgt Ion: 64 Resp: 281884

Ion Ratio Lower Upper

64 100

66 5.1 22.0 41.0#



#10

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

Concen: 0.074 ug/L

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

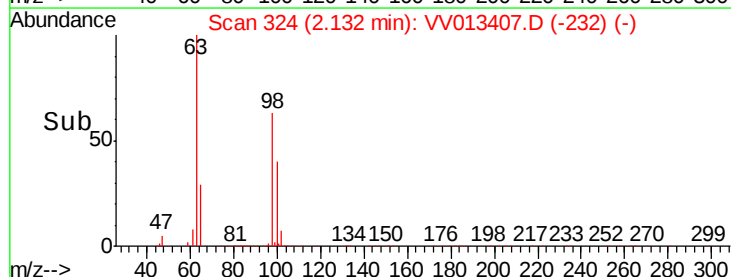
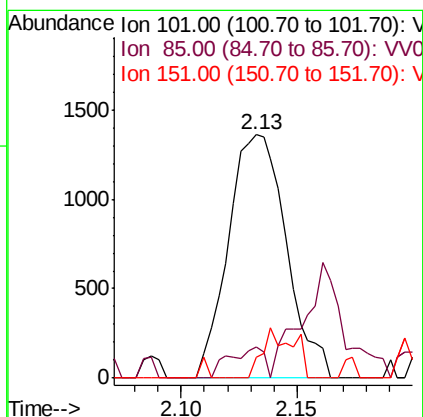
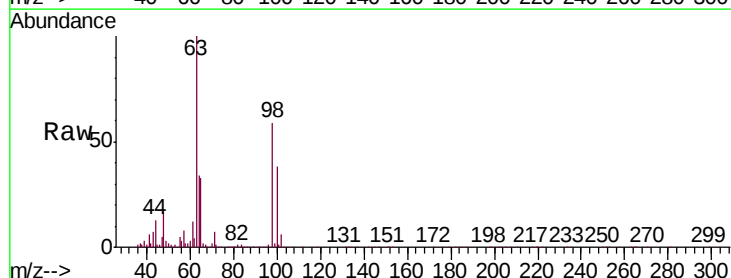
Tgt Ion: 101 Resp: 2360

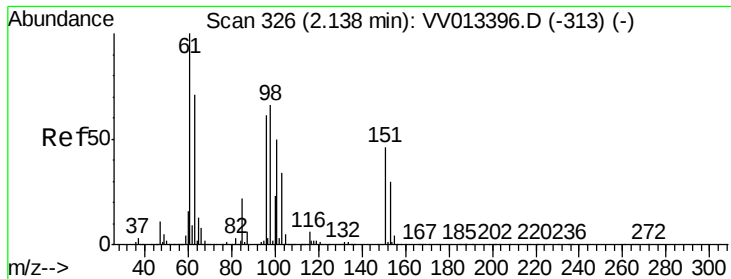
Ion Ratio Lower Upper

101 100

85 7.6 33.0 49.4#

151 10.8 68.2 102.2#





#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.14 min Scan# 325

Delta R.T. -0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

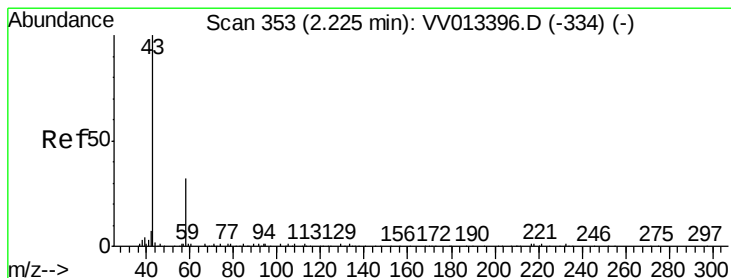
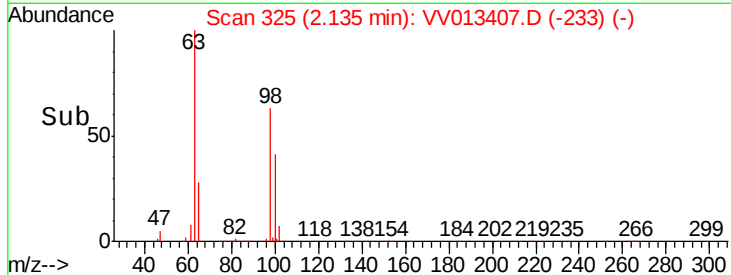
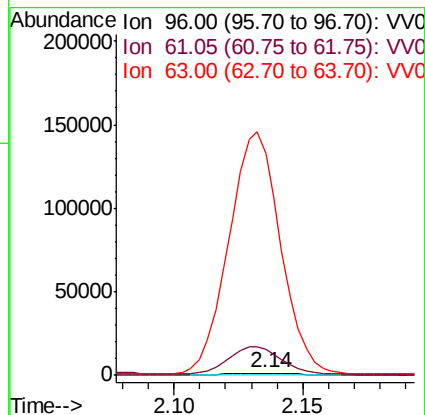
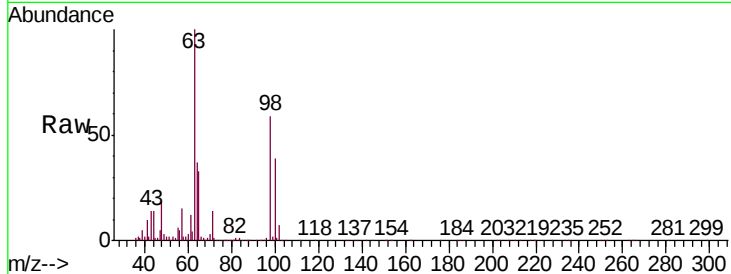
Tgt Ion: 96 Resp: 2230

Ion Ratio Lower Upper

96 100

61 1134.2 117.8 218.8#

63 9563.2 85.5 158.9#



#13

Acetone

Concen: 33.082 ug/L

RT: 2.15 min Scan# 331

Delta R.T. -0.07 min

Lab File: VV013407.D

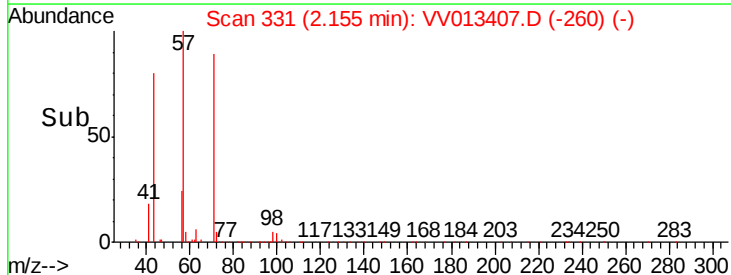
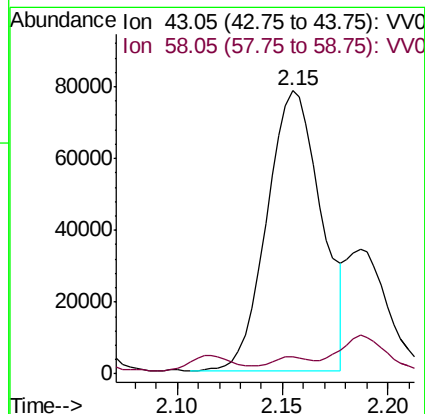
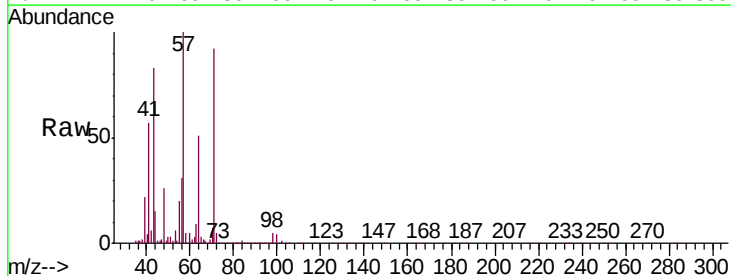
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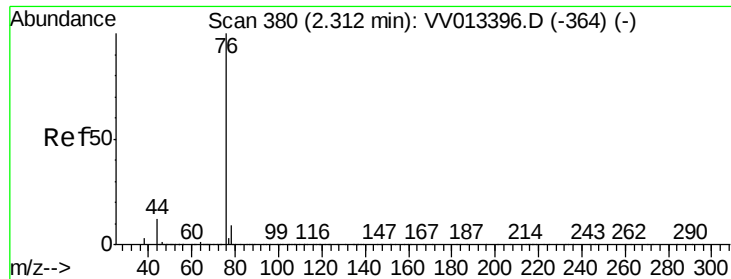
Tgt Ion: 43 Resp: 139822

Ion Ratio Lower Upper

43 100

58 4.4 0.0 59.0





#14

Carbon disulfide

Concen: 1.078 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.01 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

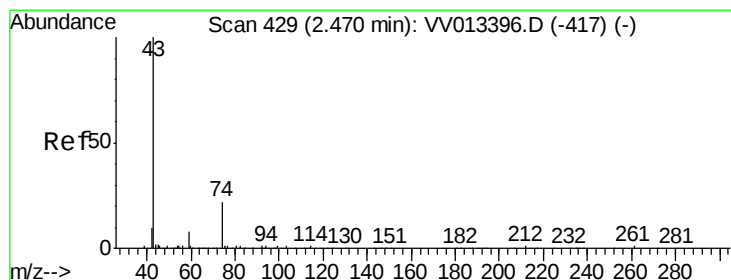
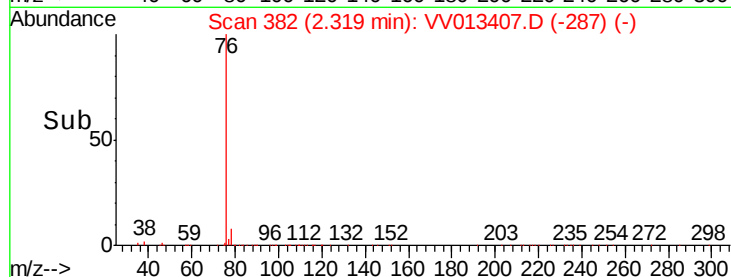
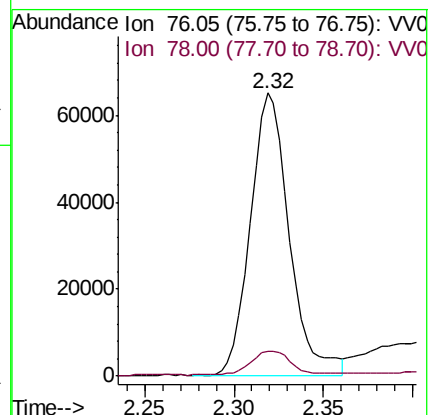
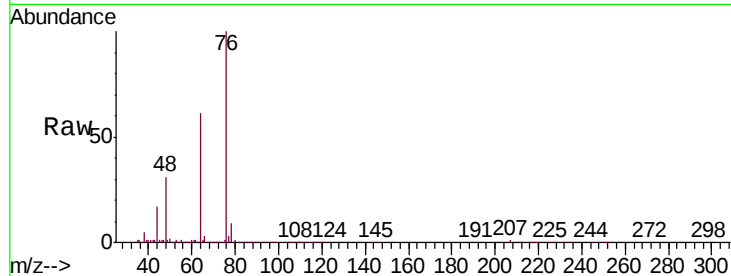
GAQD6

Tgt Ion: 76 Resp: 99652

Ion Ratio Lower Upper

76 100

78 9.0 7.5 11.3



#15

Methyl Acetate

Concen: 468.286 ug/L

RT: 2.56 min Scan# 457

Delta R.T. 0.09 min

Lab File: VV013407.D

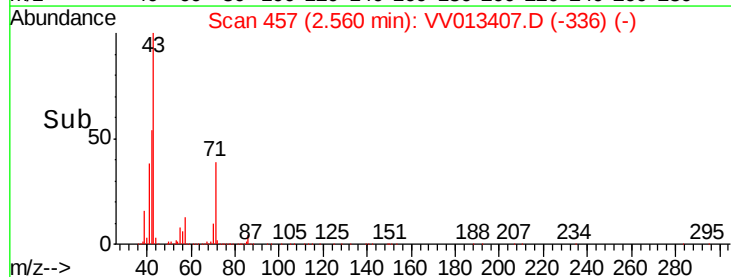
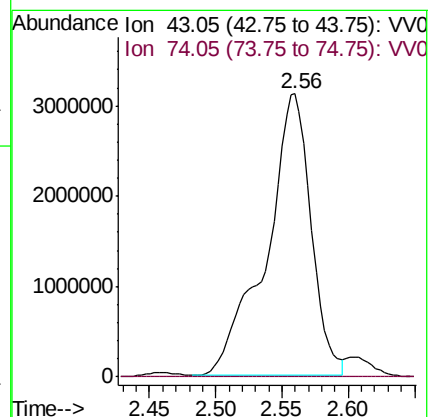
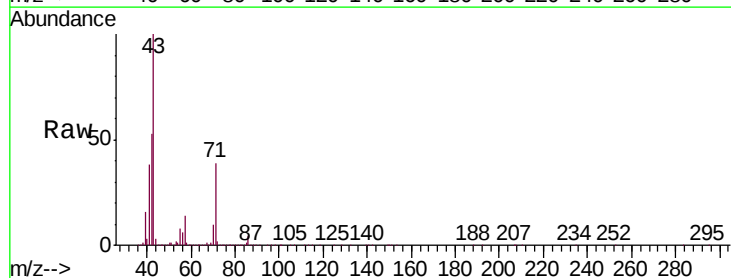
Acq: 29 Oct 2019 20:41

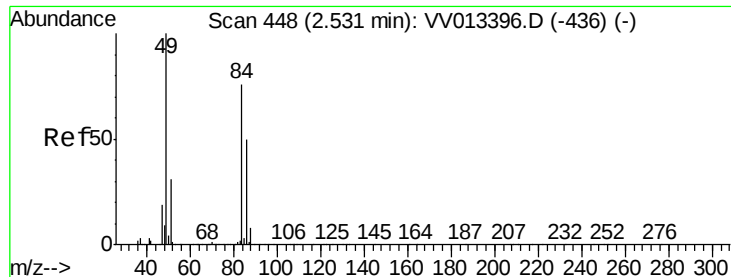
Tgt Ion: 43 Resp: 7408096

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.6#

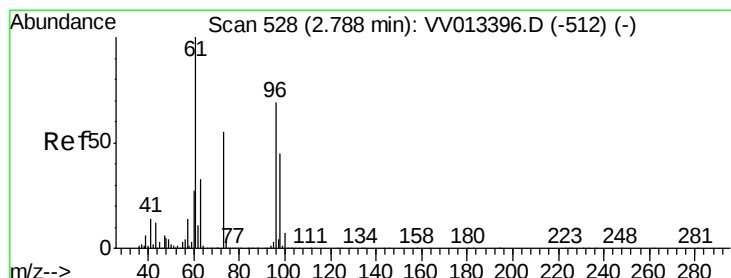
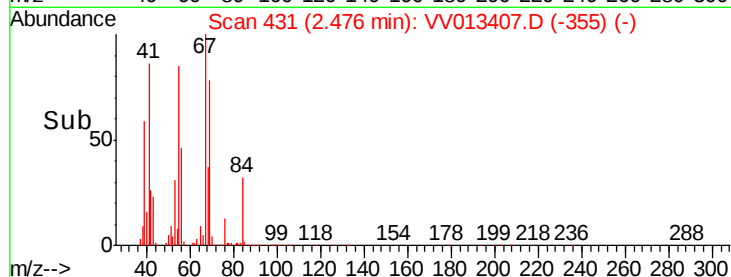
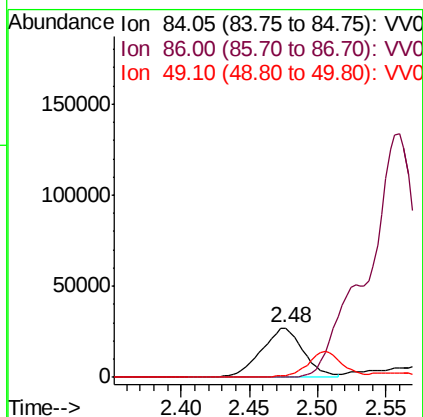
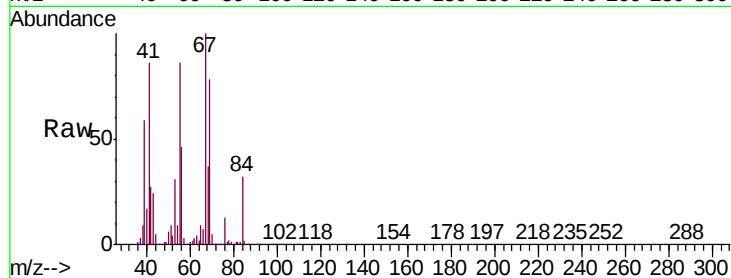




#16
Methylene chloride
Concen: 1.305 ug/L
RT: 2.48 min Scan# 431
Delta R.T. -0.05 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

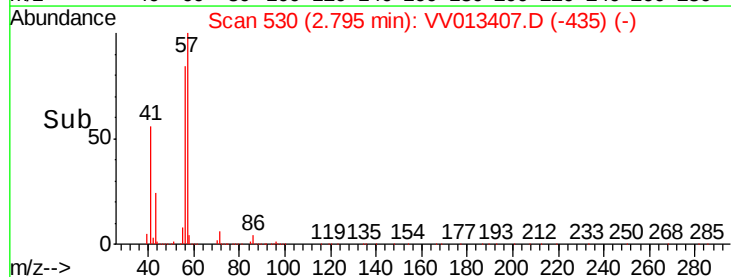
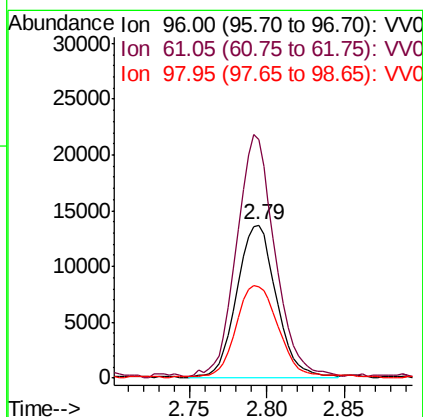
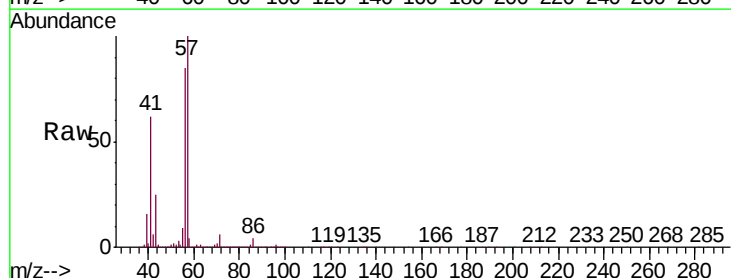
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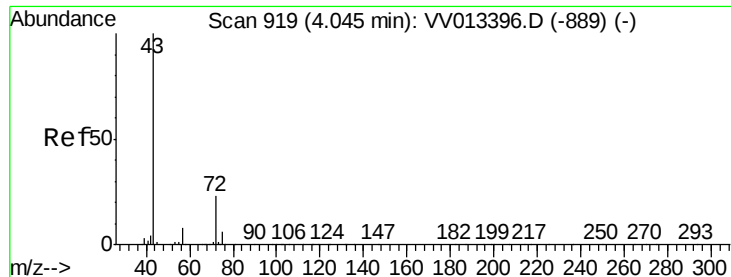
Tgt Ion: 84 Resp: 57791
Ion Ratio Lower Upper
84 100
86 0.4 43.8 81.4#
49 4.0 90.4 168.0#



#18
trans-1,2-Dichloroethene
Concen: 0.602 ug/L
RT: 2.79 min Scan# 530
Delta R.T. 0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Tgt Ion: 96 Resp: 24520
Ion Ratio Lower Upper
96 100
61 155.5 100.1 185.9
98 59.9 44.2 82.0

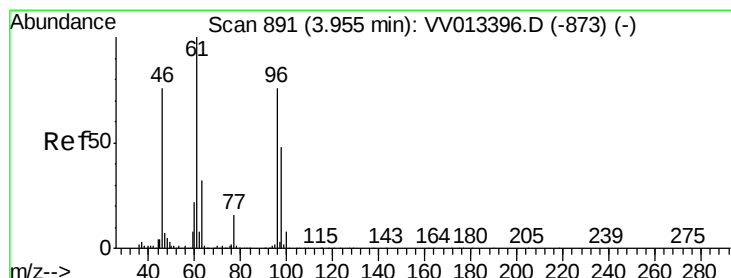
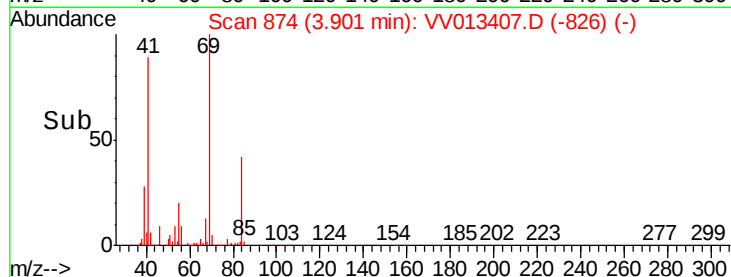
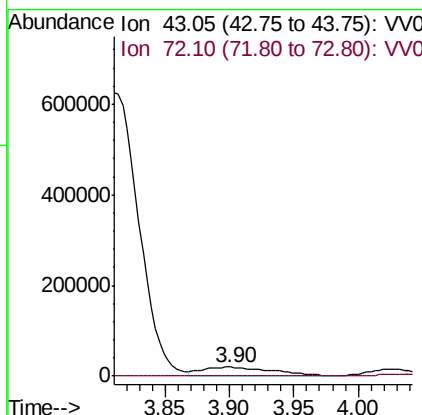
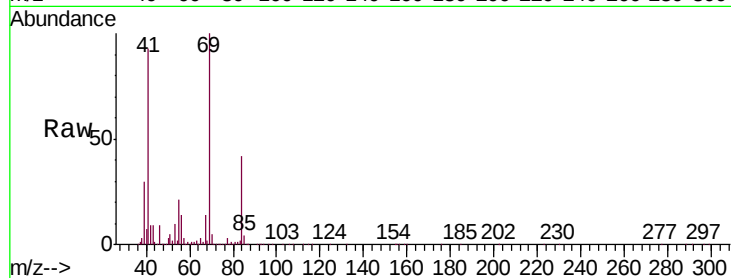




#21
2-Butanone
Concen: 6.984 ug/L
RT: 3.90 min Scan# 874
Delta R.T. -0.14 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

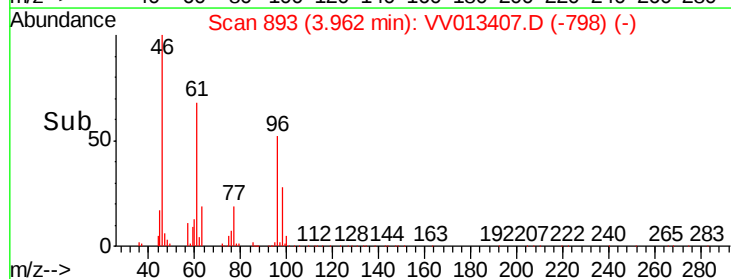
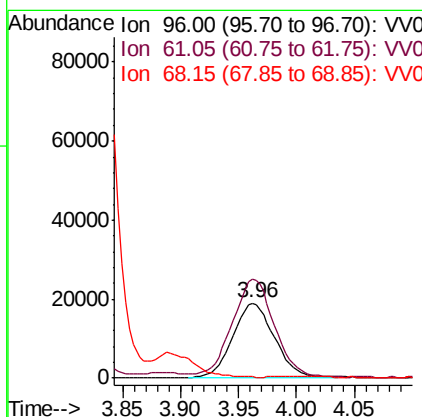
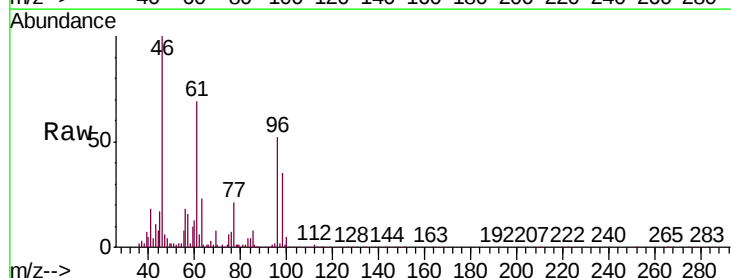
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GAQD6

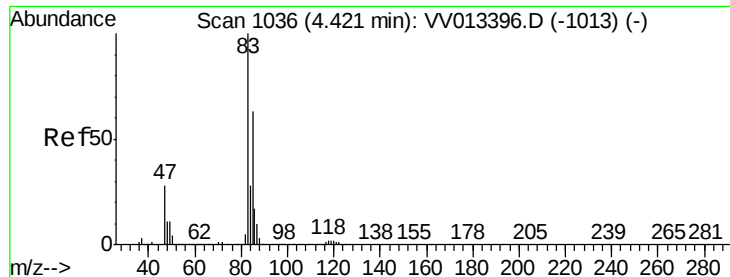
Tgt Ion: 43 Resp: 64308
Ion Ratio Lower Upper
43 100
72 0.7 11.3 33.9#



#22
cis-1,2-Dichloroethene
Concen: 1.166 ug/L
RT: 3.96 min Scan# 893
Delta R.T. 0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Tgt Ion: 96 Resp: 47866
Ion Ratio Lower Upper
96 100
61 132.7 89.9 167.0
68 1.8 0.1 0.3#





#25

Chloroform

Concen: 1.600 ug/L

RT: 4.46 min Scan# 1047

Delta R.T. 0.04 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

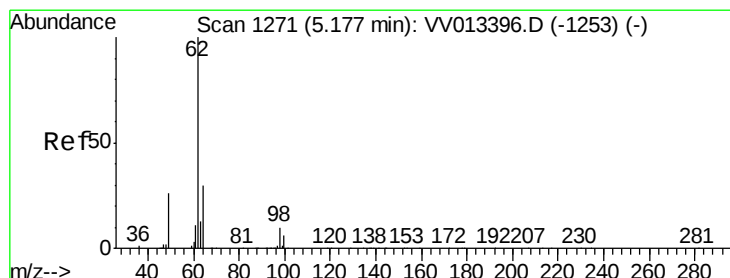
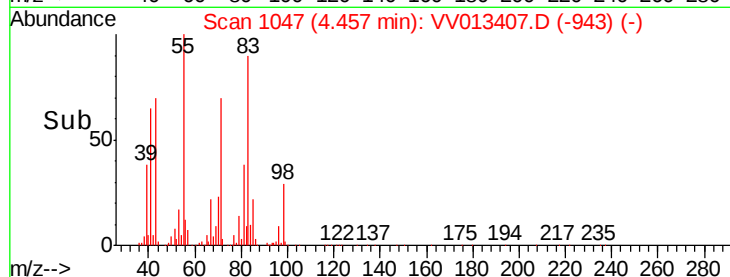
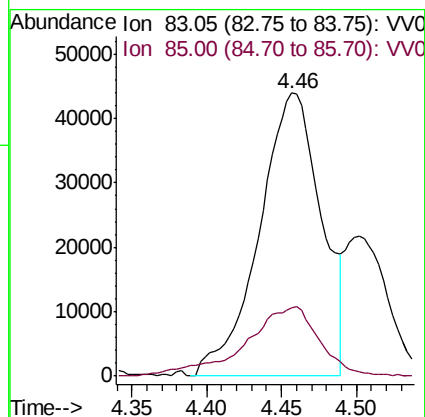
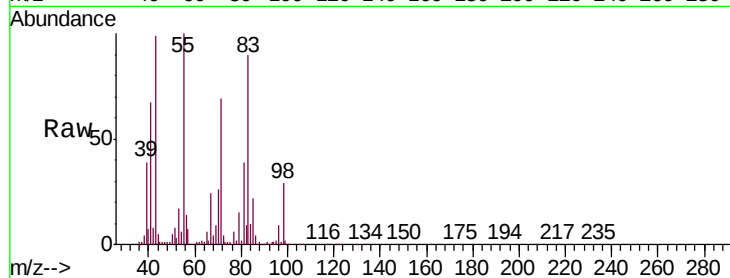
GAQD6

Tgt Ion: 83 Resp: 126648

Ion Ratio Lower Upper

83 100

85 24.3 46.5 86.5#



#27

1,2-Dichloroethane

Concen: 25.587 ug/L

RT: 5.16 min Scan# 1266

Delta R.T. -0.02 min

Lab File: VV013407.D

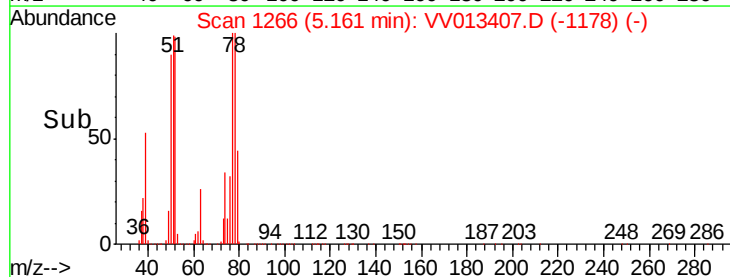
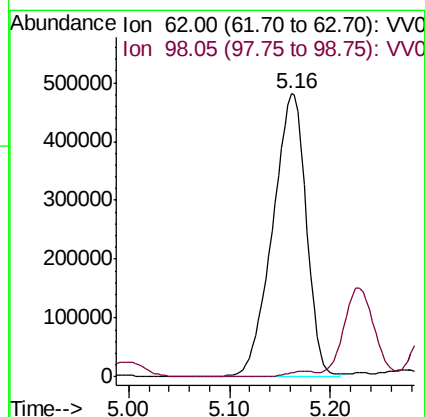
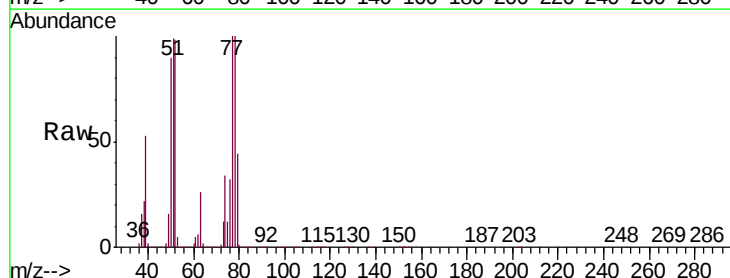
Acq: 29 Oct 2019 20:41

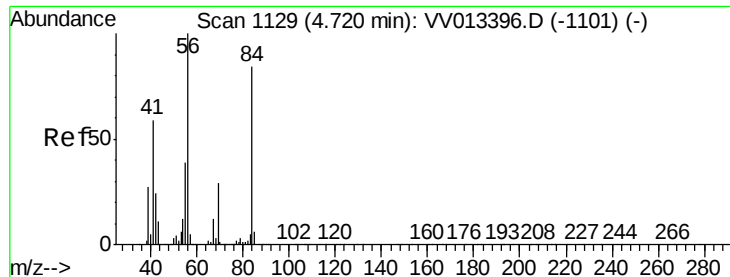
Tgt Ion: 62 Resp: 1117828

Ion Ratio Lower Upper

62 100

98 1.4 8.6 12.8#

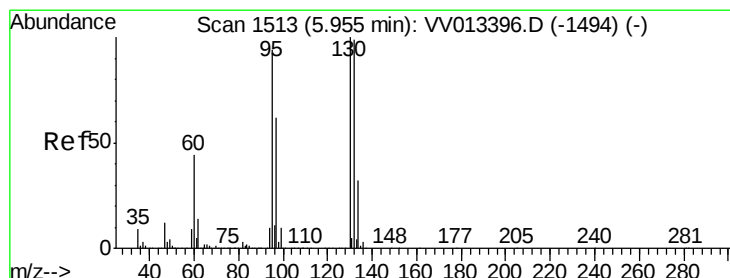
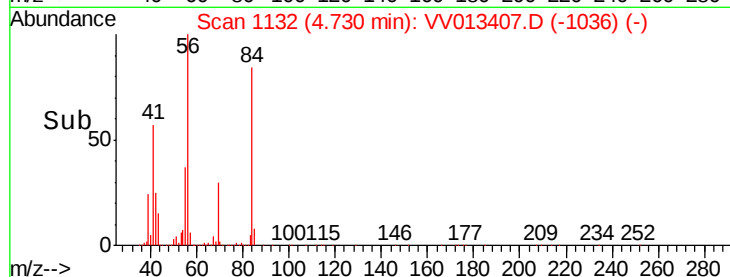
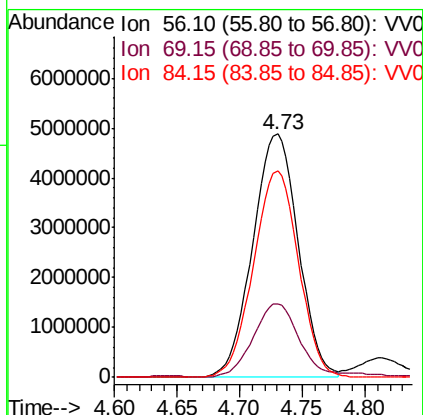
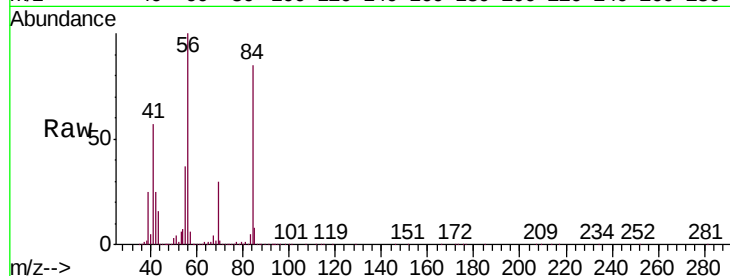




#30
Cyclohexane
Concen: 199.643 ug/L
RT: 4.73 min Scan# 1132
Delta R.T. 0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

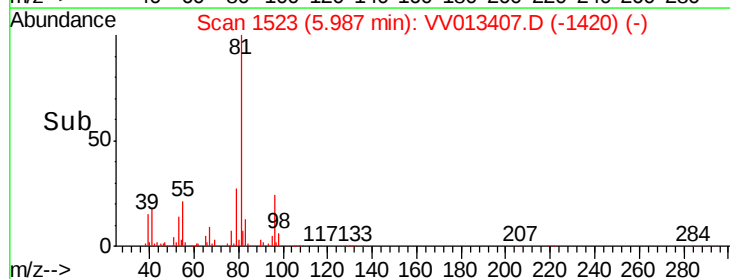
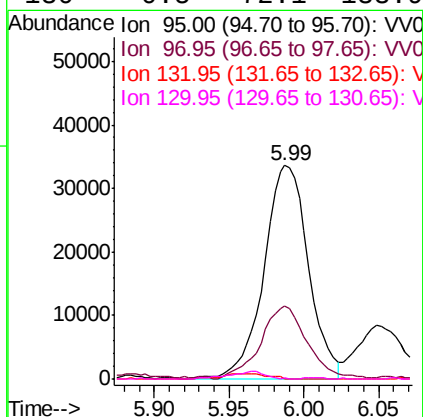
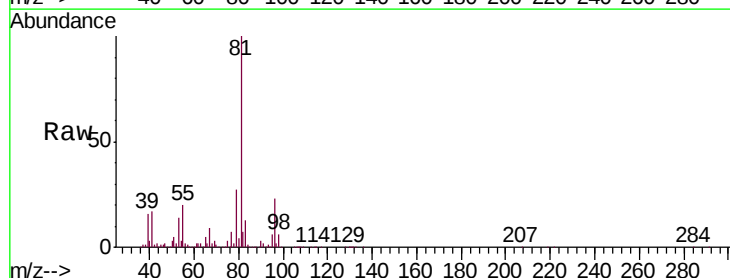
Instrument :
MSVOA_V
ClientSampleId :
GAQD6

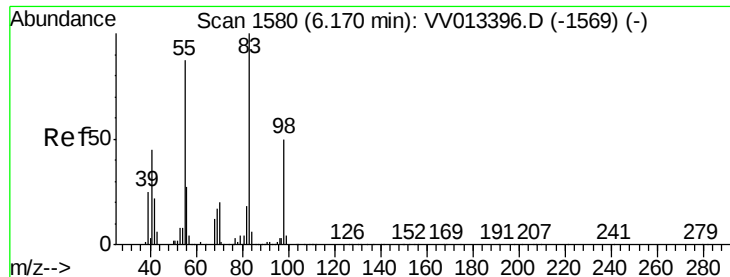
Tgt Ion: 56 Resp:12326801
Ion Ratio Lower Upper
56 100
69 32.5 22.7 34.1
84 84.2 65.5 98.3



#34
Trichloroethene
Concen: 1.706 ug/L
RT: 5.99 min Scan# 1523
Delta R.T. 0.03 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Tgt Ion: 95 Resp: 69461
Ion Ratio Lower Upper
95 100
97 34.3 43.9 81.5#
132 0.0 68.7 127.7#
130 0.5 72.1 133.9#

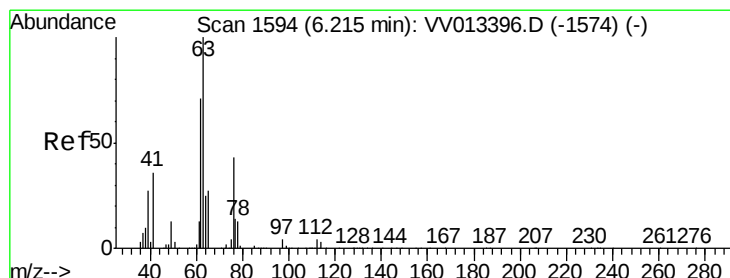
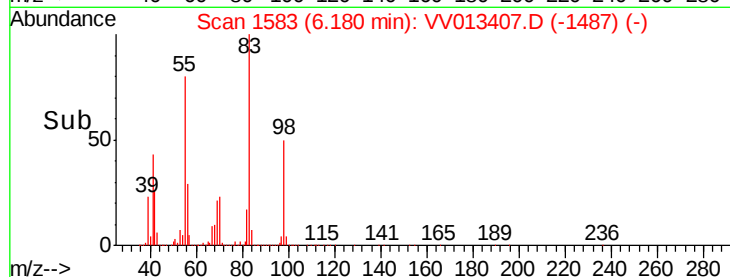
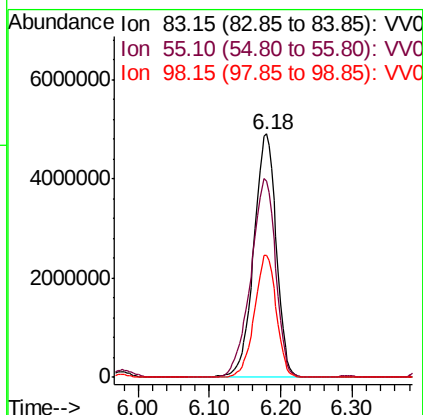
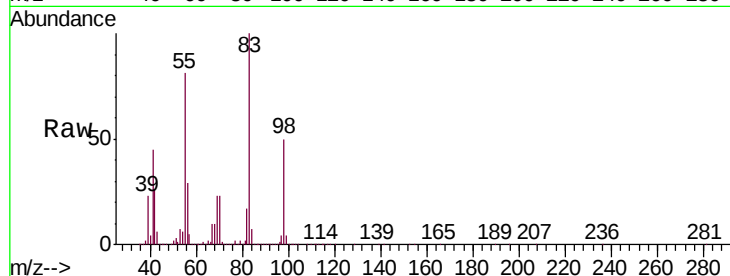




#35
Methylcyclohexane
Concen: 176.076 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.01 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

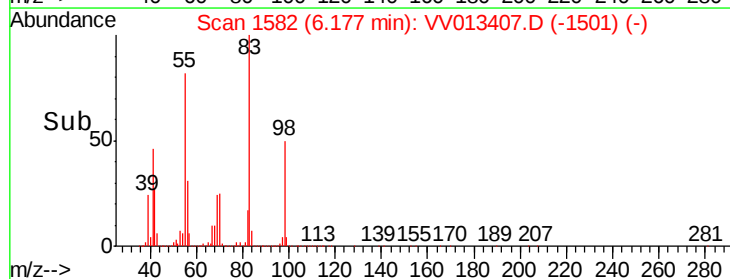
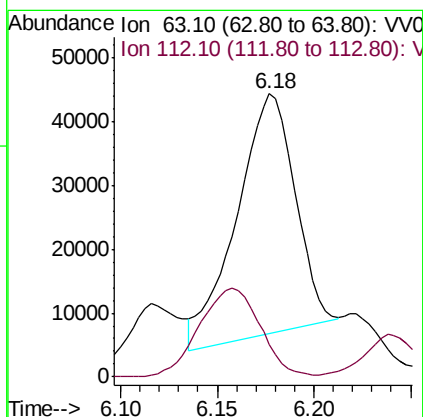
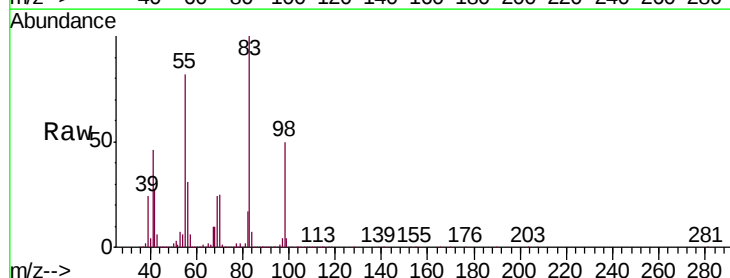
Instrument :
MSVOA_V
ClientSampleId :
GAQD6

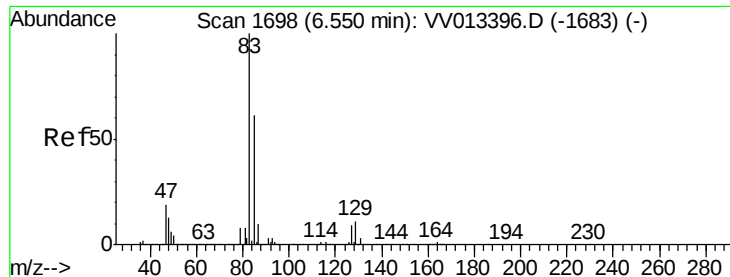
Tgt Ion: 83 Resp:10694365
Ion Ratio Lower Upper
83 100
55 90.2 66.0 99.0
98 48.8 38.2 57.4



#37
1,2-Dichloropropane
Concen: 2.102 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. -0.04 min
Lab File: VV013407.D
Acq: 29 Oct 2019 20:41

Tgt Ion: 63 Resp: 78807
Ion Ratio Lower Upper
63 100
112 38.9 3.6 5.4#





#38

Bromodichloromethane

Concen: 1.122 ug/L

RT: 6.51 min Scan# 1685

Delta R.T. -0.04 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

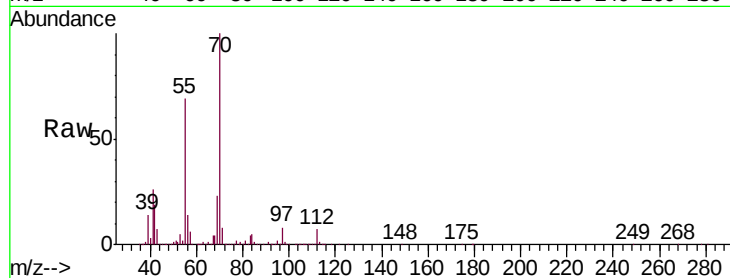
Tgt Ion: 83 Resp: 52782

Ion Ratio Lower Upper

83 100

85 33.7 45.1 83.7#

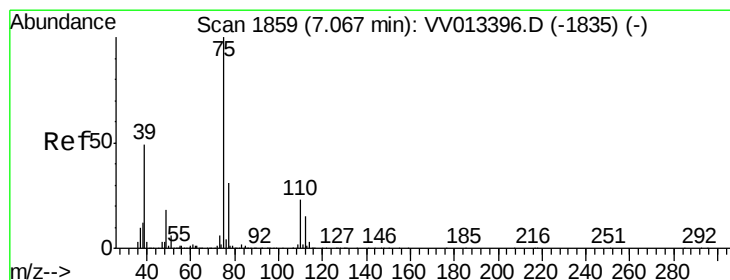
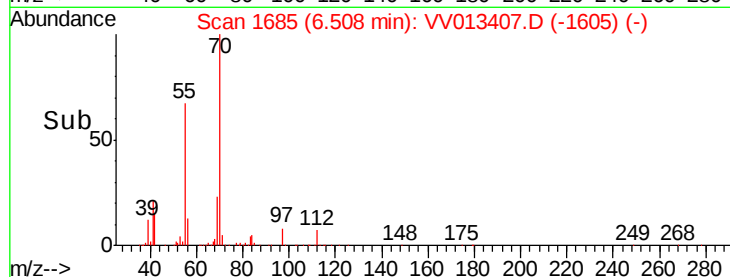
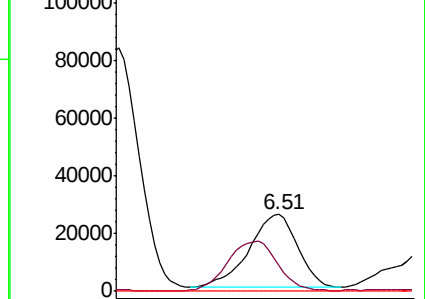
127 0.0 7.4 11.2#



Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 126.90 (126.60 to 127.60): V



#39

cis-1,3-Dichloropropene

Concen: 0.209 ug/L

RT: 7.03 min Scan# 1847

Delta R.T. -0.04 min

Lab File: VV013407.D

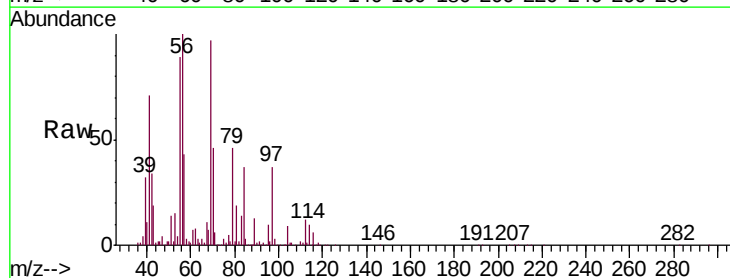
Acq: 29 Oct 2019 20:41

Tgt Ion: 75 Resp: 10570

Ion Ratio Lower Upper

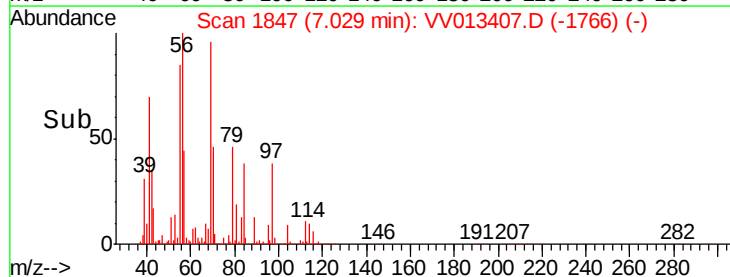
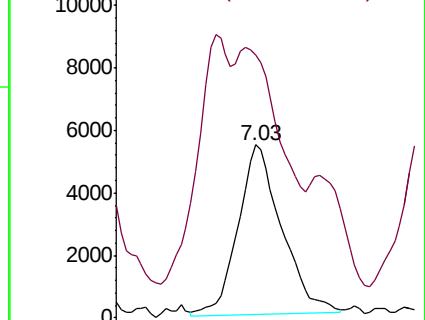
75 100

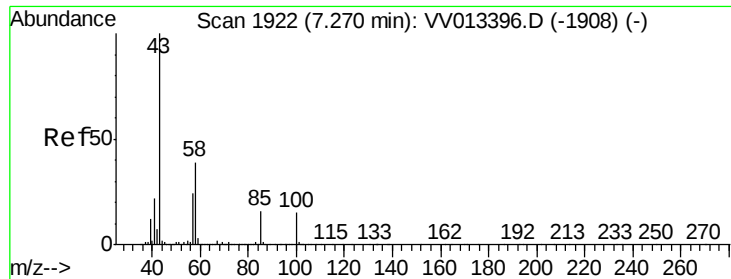
77 152.1 21.1 39.3#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

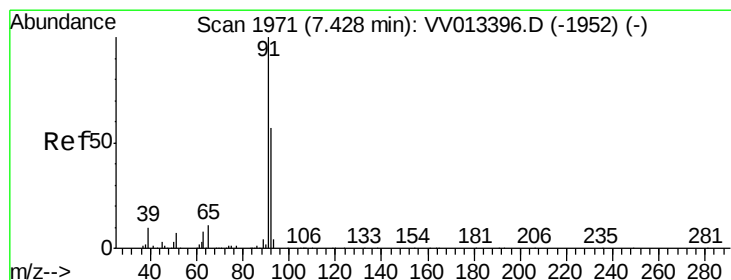
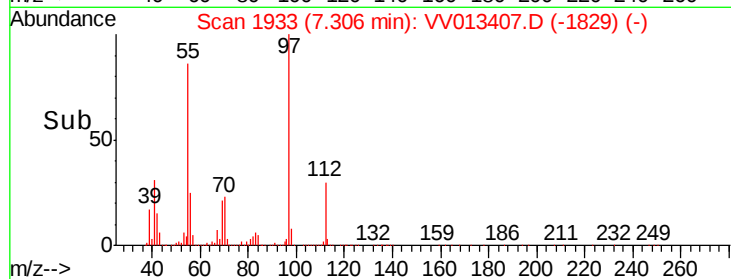
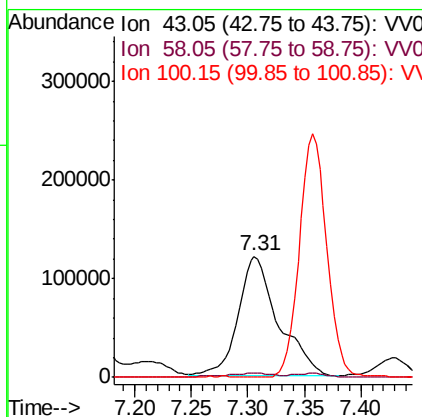
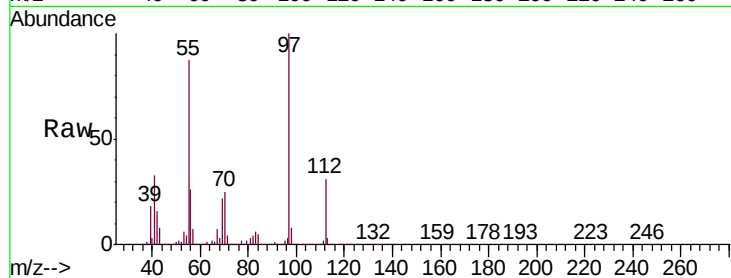




#40
 4-Methyl-2-pentanone
 Concen: 14.156 ug/L
 RT: 7.31 min Scan# 1933
 Delta R.T. 0.04 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

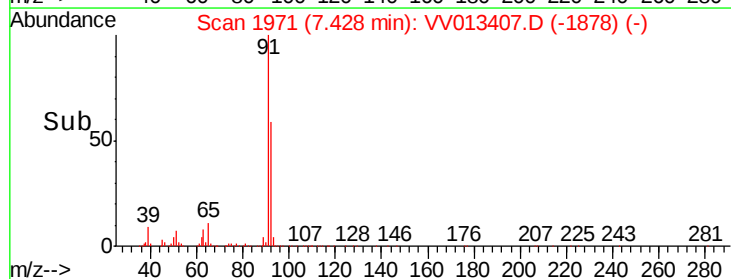
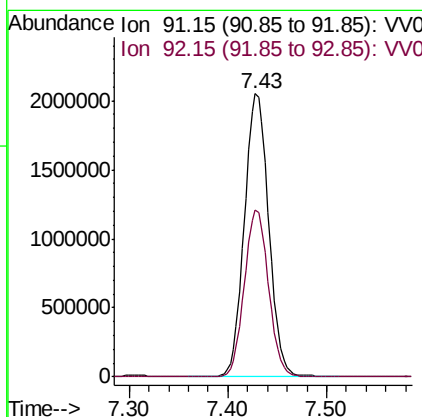
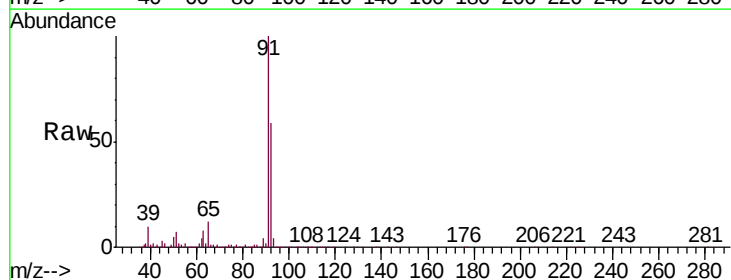
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6

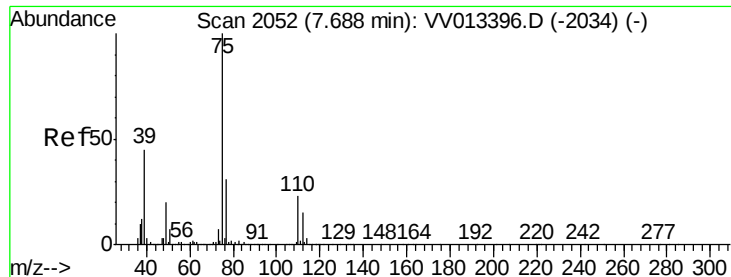
Tgt Ion: 43 Resp: 298896
 Ion Ratio Lower Upper
 43 100
 58 3.9 29.8 44.8#
 100 0.0 11.6 17.4#



#42
 Toluene
 Concen: 22.532 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. 0.00 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

Tgt Ion: 91 Resp: 3484872
 Ion Ratio Lower Upper
 91 100
 92 58.8 40.3 74.8





#44

trans-1,3-Dichloropropene

Concen: 0.101 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.02 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

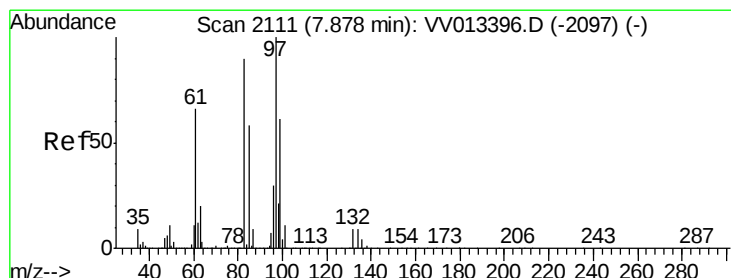
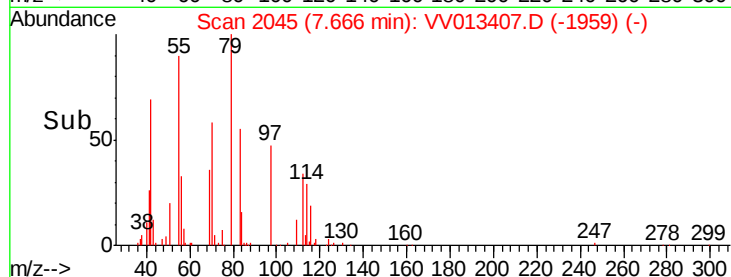
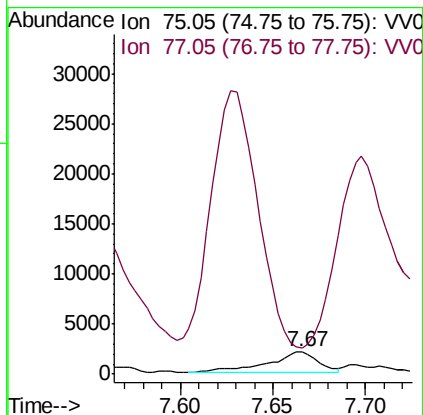
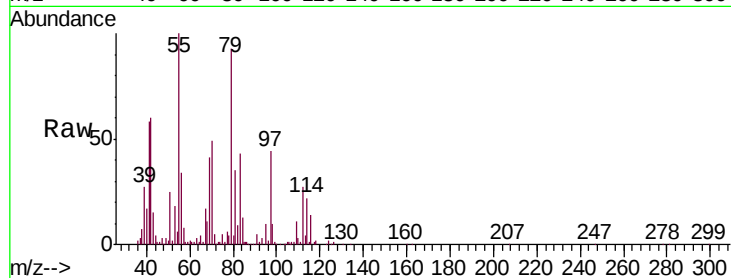
GAQD6

Tgt Ion: 75 Resp: 4041

Ion Ratio Lower Upper

75 100

77 117.9 21.5 39.9#



#45

1,1,2-Trichloroethane

Concen: 46.525 ug/L

RT: 7.83 min Scan# 2096

Delta R.T. -0.05 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Tgt Ion: 97 Resp: 1161464

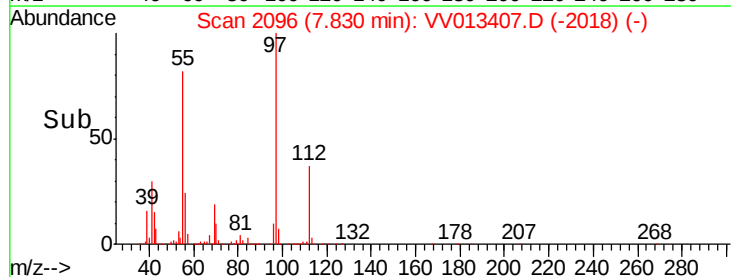
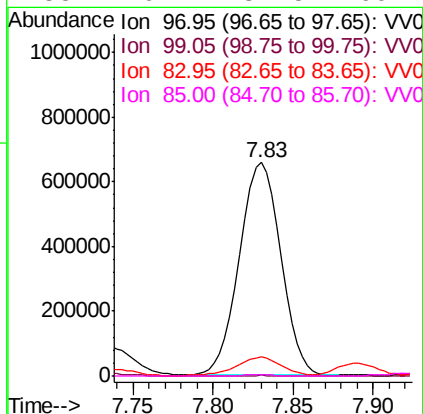
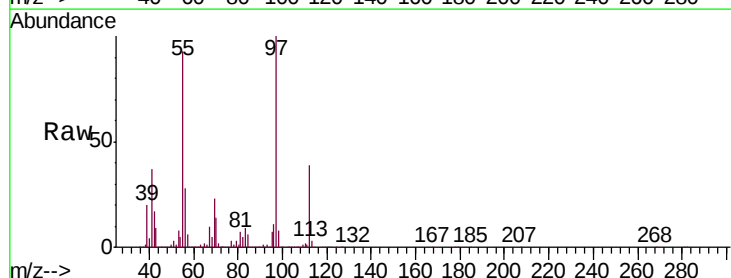
Ion Ratio Lower Upper

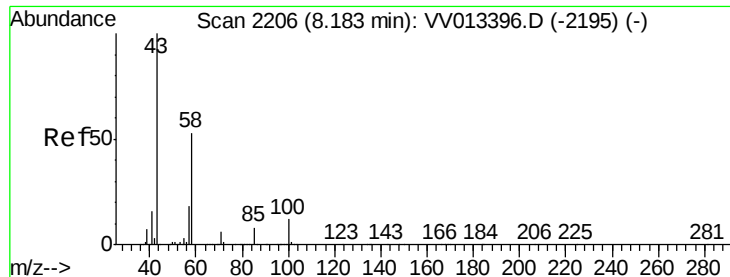
97 100

99 0.3 41.6 77.3#

83 8.8 58.7 109.1#

85 0.4 37.5 69.7#

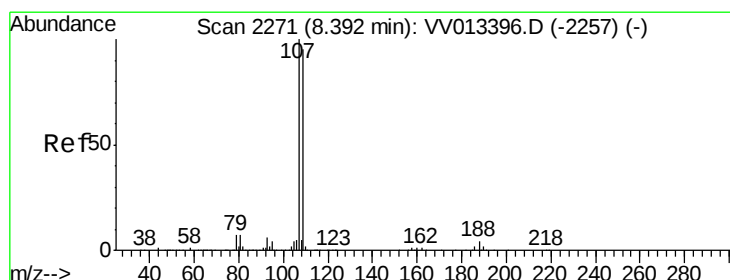
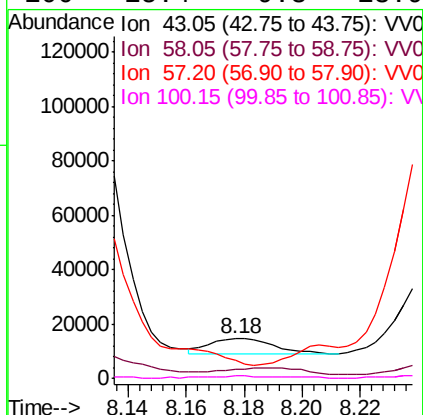
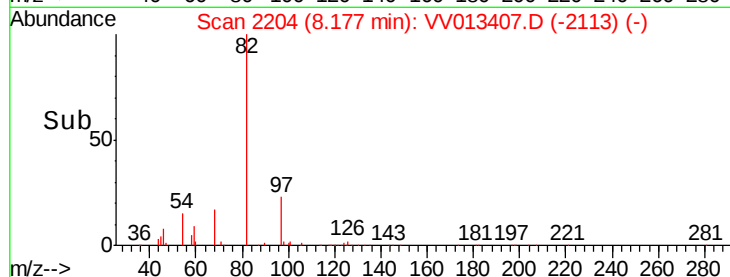
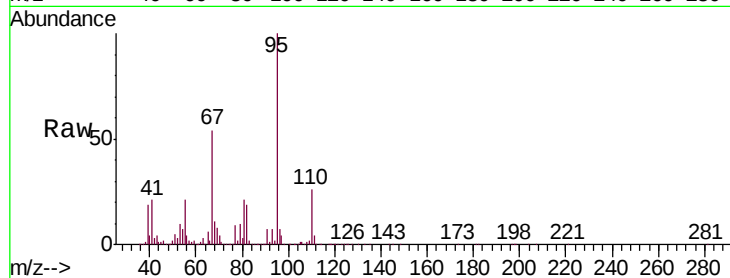




#48
 2-Hexanone
 Concen: 0.605 ug/L
 RT: 8.18 min Scan# 2204
 Delta R.T. -0.01 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

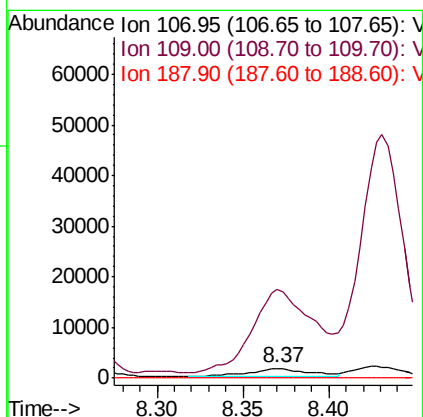
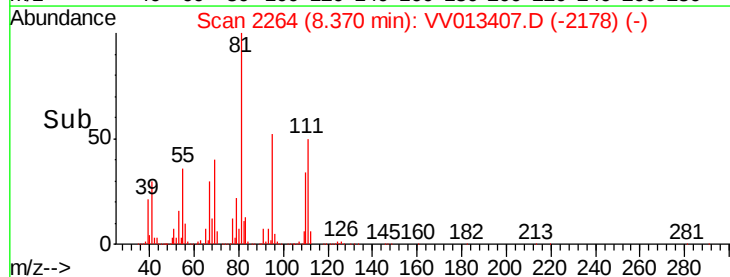
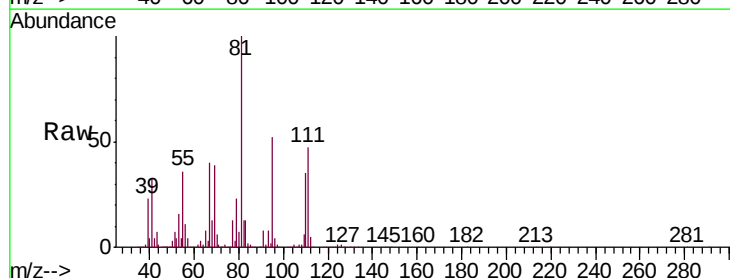
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6

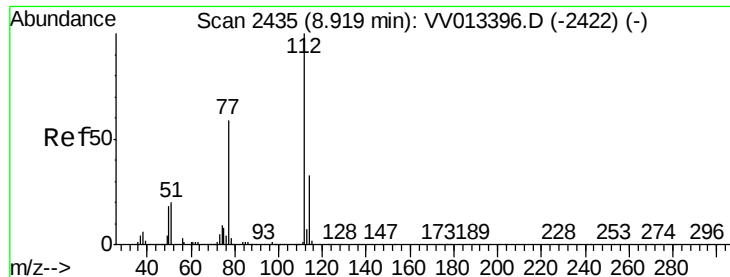
Tgt Ion: 43 Resp: 9031
 Ion Ratio Lower Upper
 43 100
 58 87.4 43.5 65.3#
 57 83.9 14.3 21.5#
 100 15.4 9.3 13.9#



#50
 1,2-Dibromoethane
 Concen: 0.184 ug/L
 RT: 8.37 min Scan# 2264
 Delta R.T. -0.02 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

Tgt Ion: 107 Resp: 4223
 Ion Ratio Lower Upper
 107 100
 109 941.9 65.1 120.9#
 188 0.0 3.5 5.3#





#51

Chlorobenzene

Concen: 0.056 ug/L

RT: 8.93 min Scan# 2437

Delta R.T. 0.01 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampled :

GAQD6

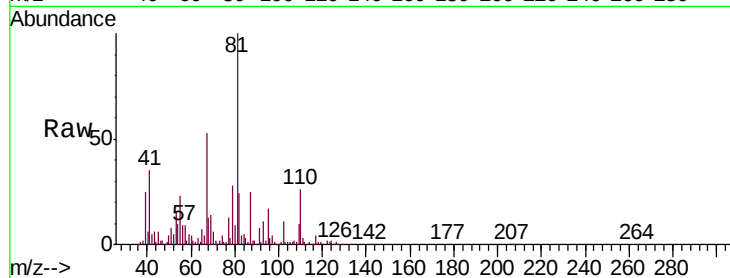
Tgt Ion: 112 Resp: 5543

Ion Ratio Lower Upper

112 100

114 63.3 22.2 41.2#

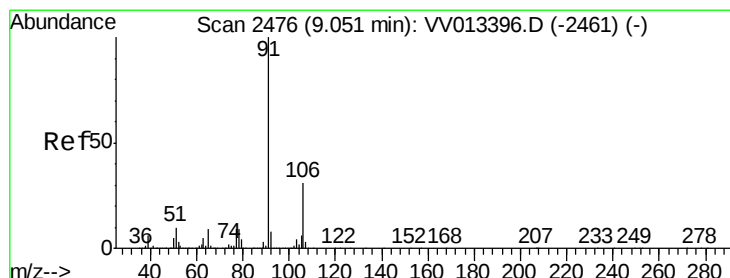
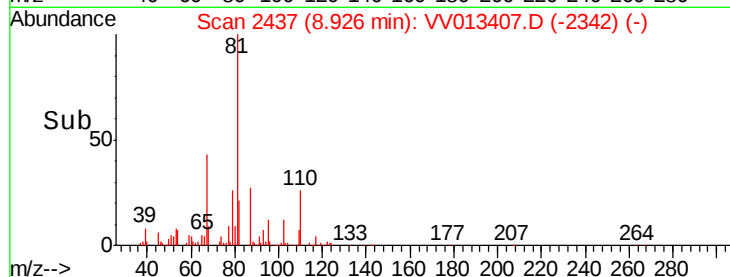
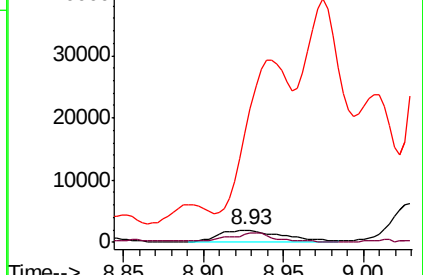
77 891.1 46.7 70.1#



Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): V



#52

Ethylbenzene

Concen: 25.342 ug/L

RT: 9.05 min Scan# 2476

Delta R.T. 0.00 min

Lab File: VV013407.D

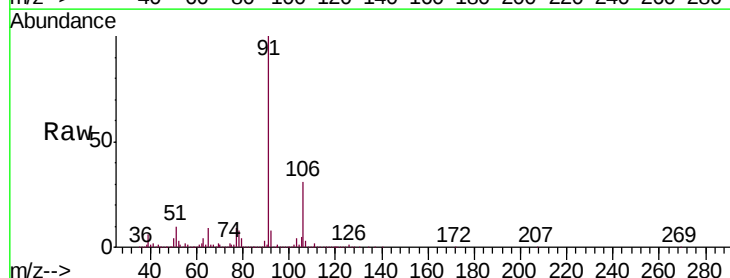
Acq: 29 Oct 2019 20:41

Tgt Ion: 91 Resp: 4155346

Ion Ratio Lower Upper

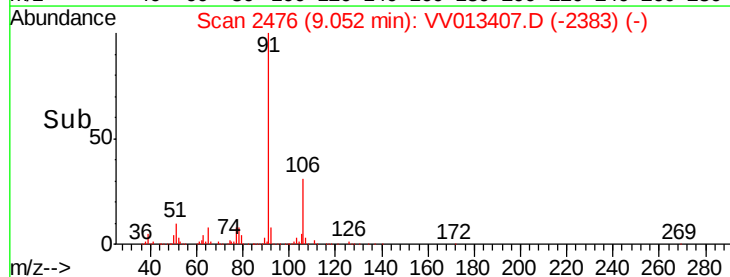
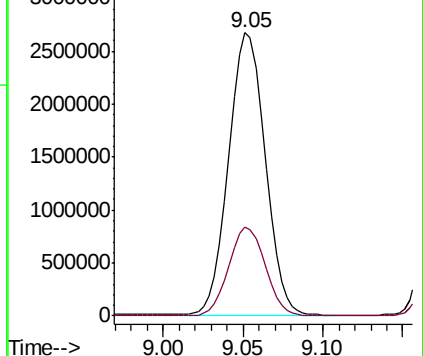
91 100

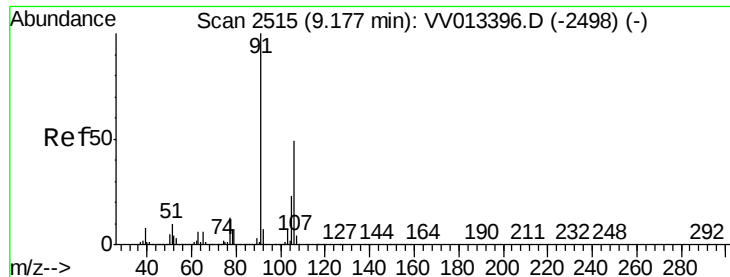
106 31.4 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): V

Ion 106.15 (105.85 to 106.85): V





#53

m,p-xylene

Concen: 50.902 ug/L

RT: 9.18 min Scan# 2516

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

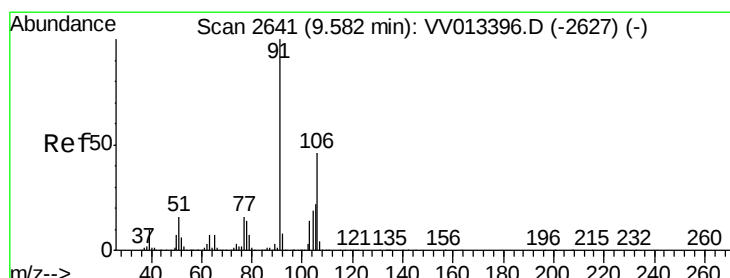
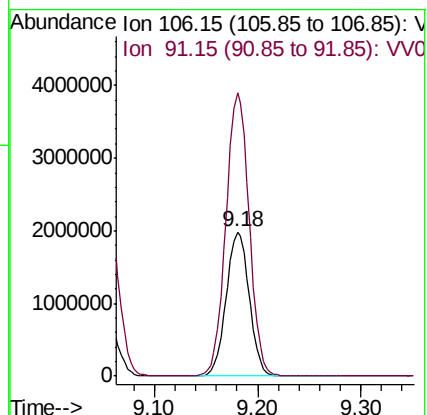
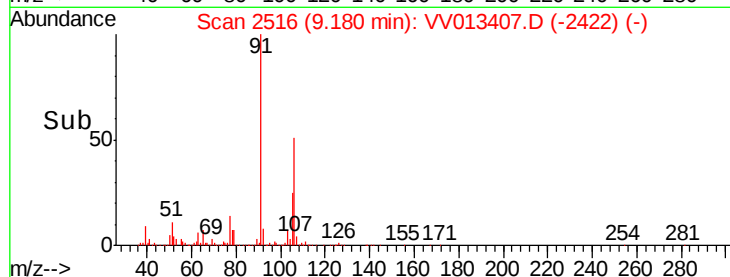
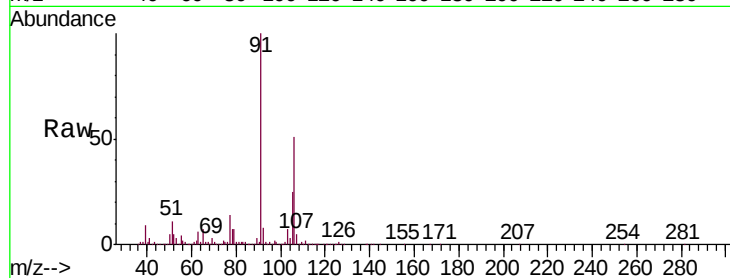
GAQD6

Tgt Ion:106 Resp: 3082816

Ion Ratio Lower Upper

106 100

91 195.9 144.3 267.9



#54

o-xylene

Concen: 2.151 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013407.D

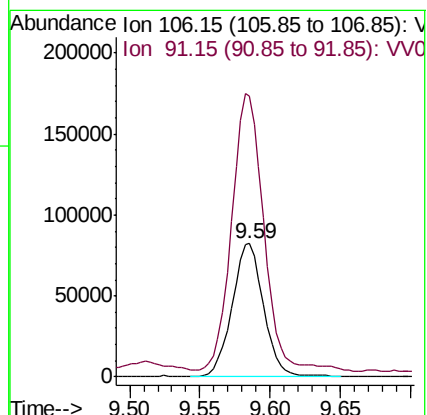
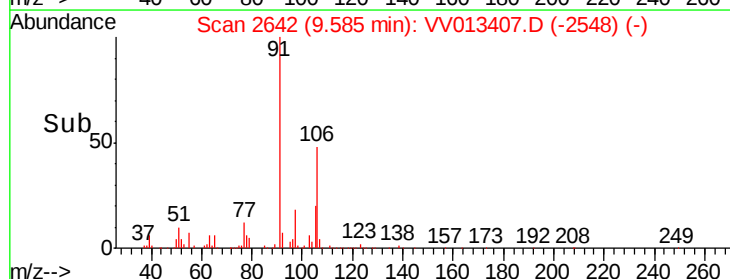
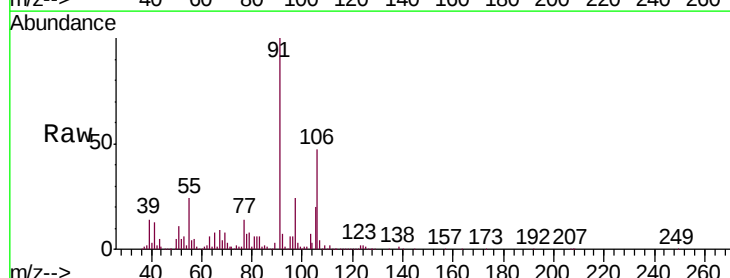
Acq: 29 Oct 2019 20:41

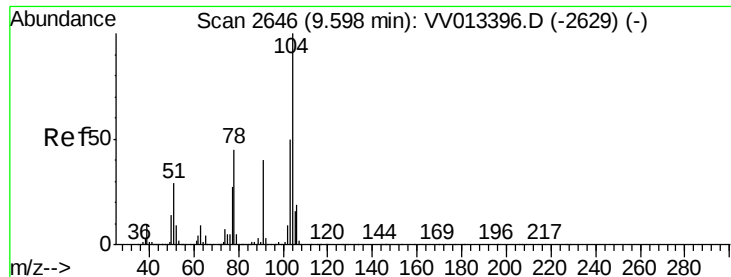
Tgt Ion:106 Resp: 126035

Ion Ratio Lower Upper

106 100

91 210.5 151.5 281.5





#55

Styrene

Concen: 0.100 ug/L

RT: 9.58 min Scan# 2641

Delta R.T. -0.02 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampled :

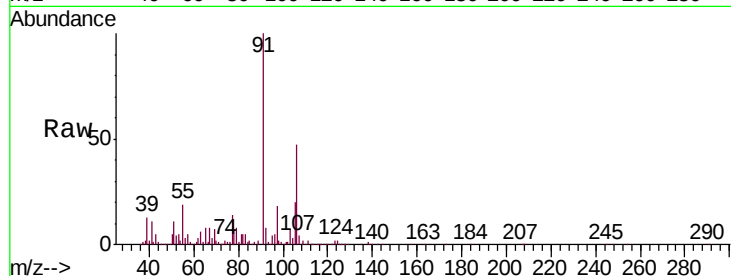
GAQD6

Tgt Ion:104 Resp: 9852

Ion Ratio Lower Upper

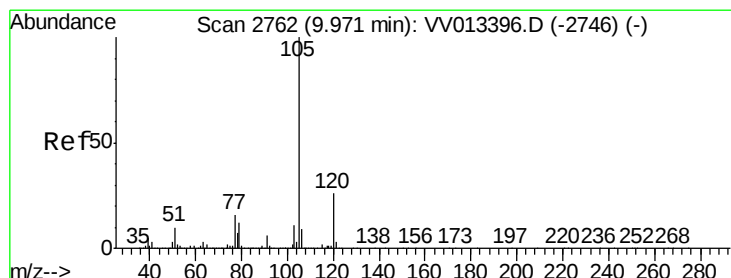
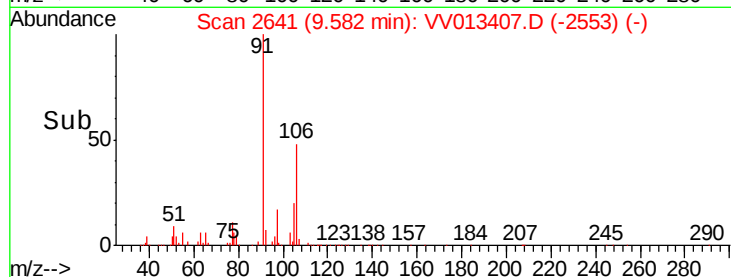
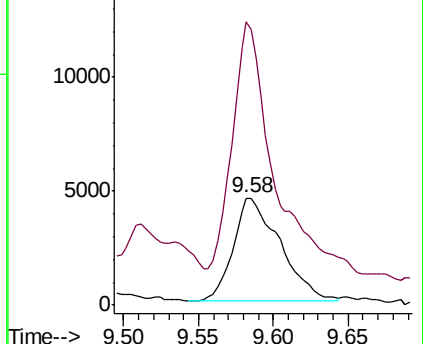
104 100

78 263.7 30.8 57.2#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 40.835 ug/L

RT: 9.97 min Scan# 2762

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

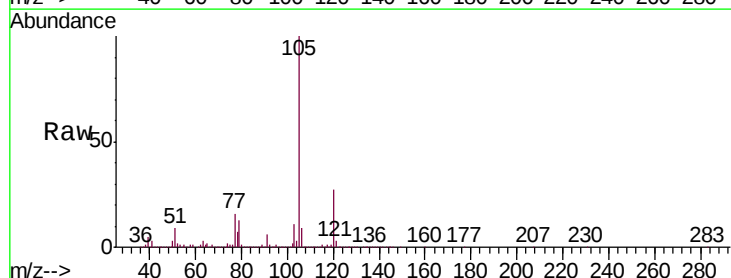
Tgt Ion:105 Resp: 6440332

Ion Ratio Lower Upper

105 100

120 27.3 21.0 31.6

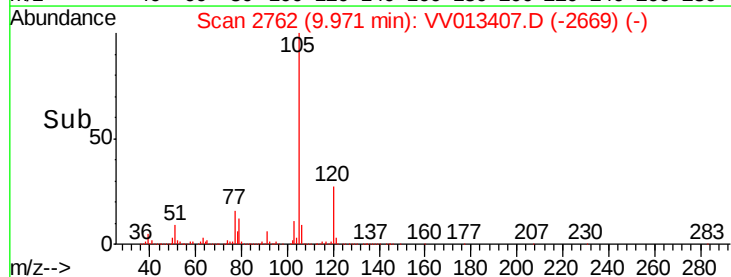
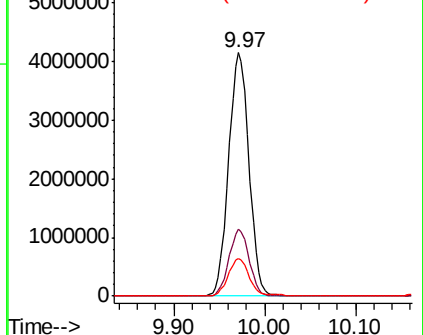
77 16.0 12.9 19.3

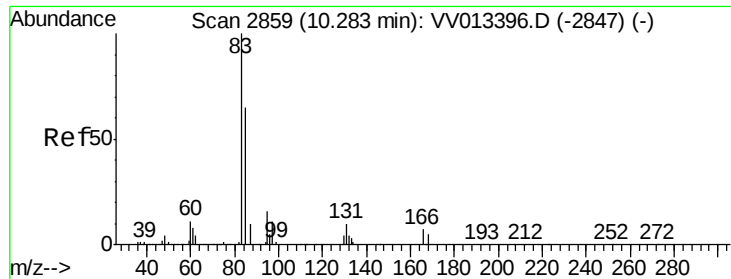


Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): VV0





#58

1,1,2,2-Tetrachloroethane

Concen: 2.199 ug/L

RT: 10.28 min Scan# 2859

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

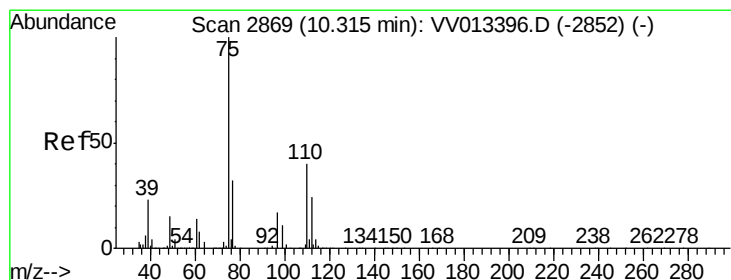
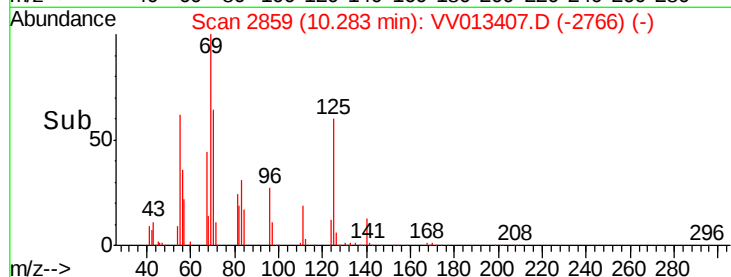
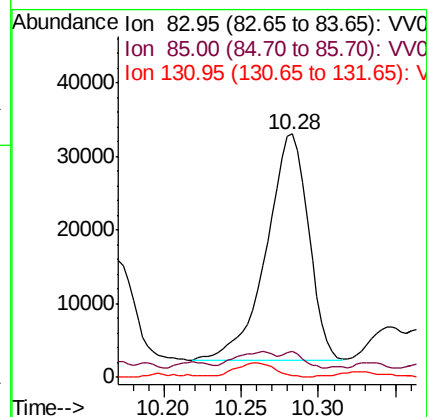
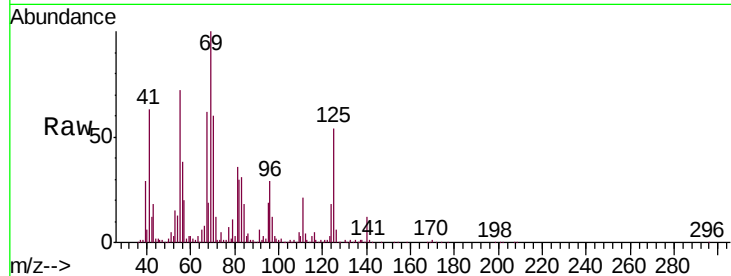
Tgt Ion: 83 Resp: 58236

Ion Ratio Lower Upper

83 100

85 10.9 44.5 82.7#

131 0.8 8.2 12.2#



#59

1,2,3-Trichloropropane

Concen: 0.170 ug/L

RT: 10.26 min Scan# 2851

Delta R.T. -0.06 min

Lab File: VV013407.D

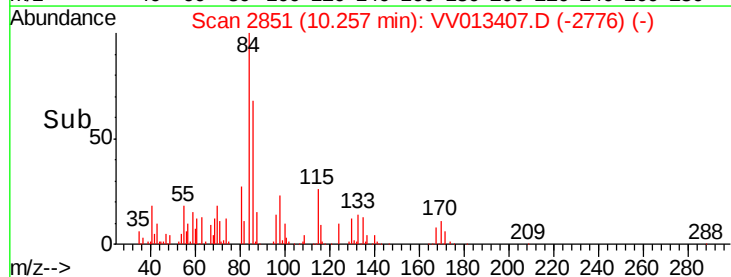
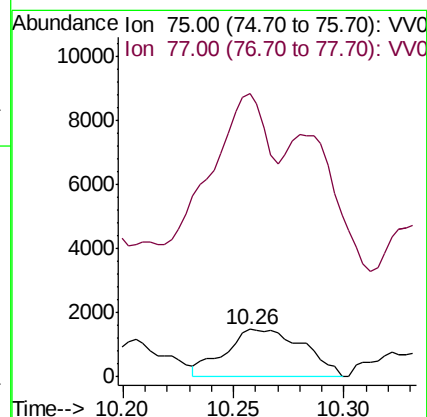
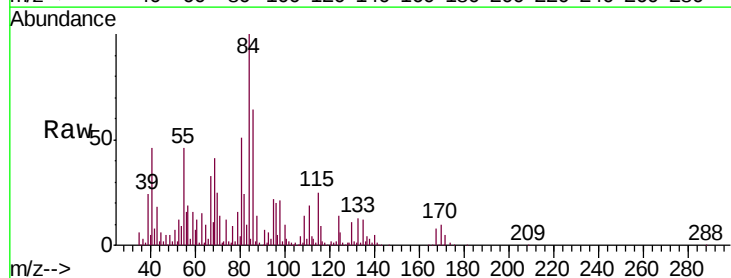
Acq: 29 Oct 2019 20:41

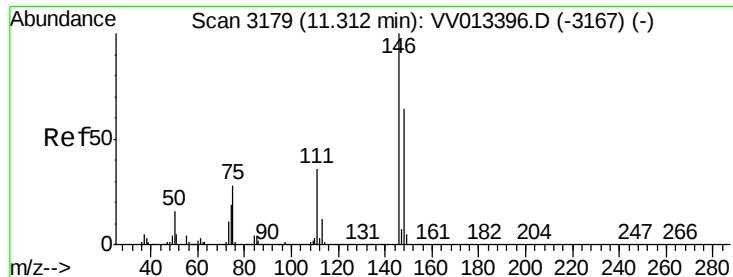
Tgt Ion: 75 Resp: 3673

Ion Ratio Lower Upper

75 100

77 0.0 25.7 38.5#

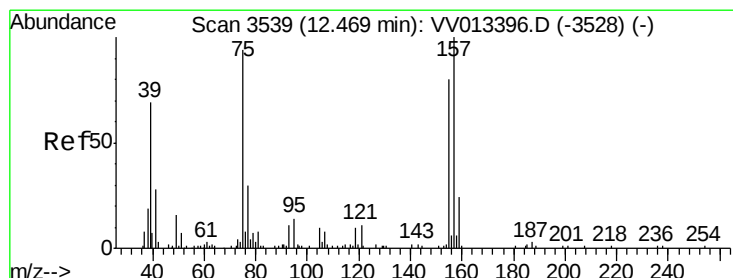
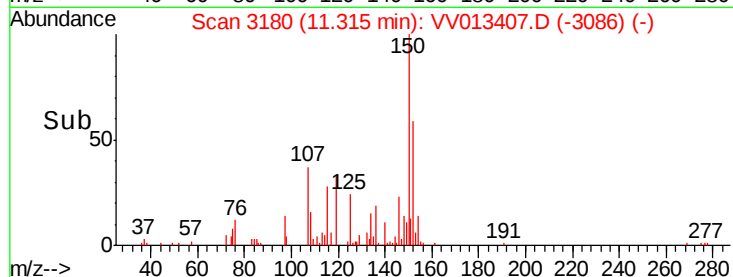
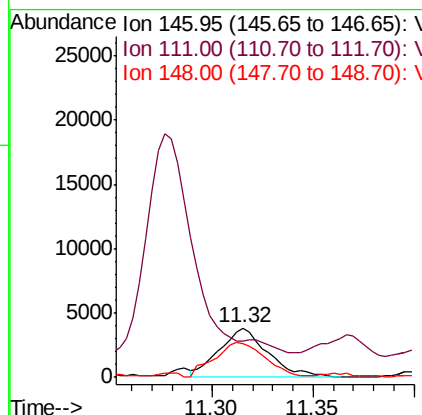
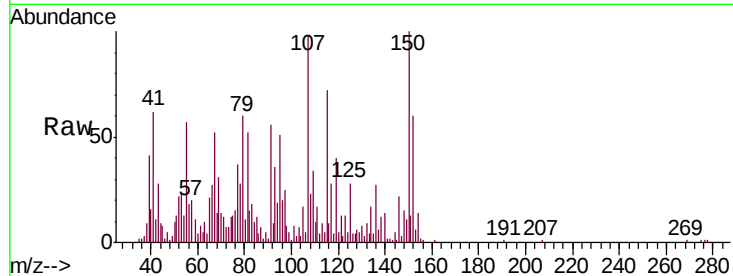




#63
 1,4-Dichlorobenzene
 Concen: 0.075 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

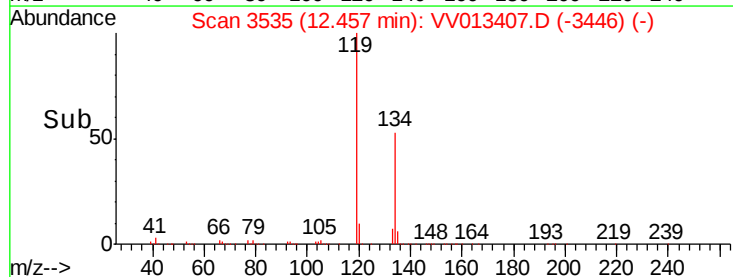
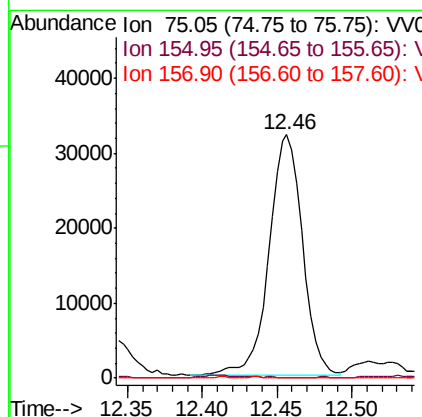
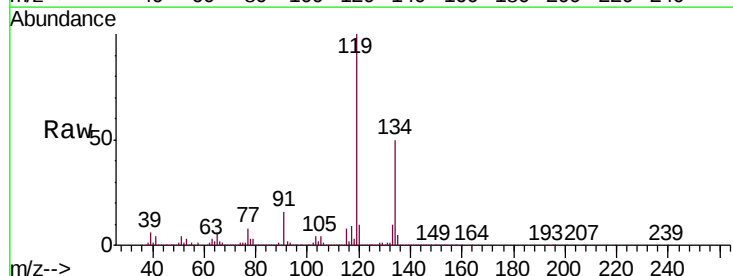
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6

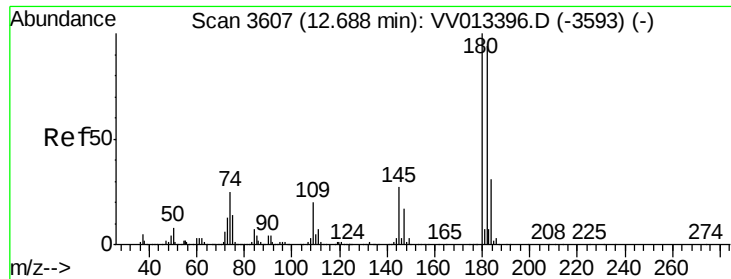
Tgt Ion:146 Resp: 6438
 Ion Ratio Lower Upper
 146 100
 111 74.0 25.4 47.2#
 148 67.7 44.9 83.5



#66
 1,2-Dibromo-3-chloropropane
 Concen: 11.152 ug/L
 RT: 12.46 min Scan# 3535
 Delta R.T. -0.01 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

Tgt Ion: 75 Resp: 50037
 Ion Ratio Lower Upper
 75 100
 155 0.0 70.6 105.8#
 157 0.3 85.8 128.8#

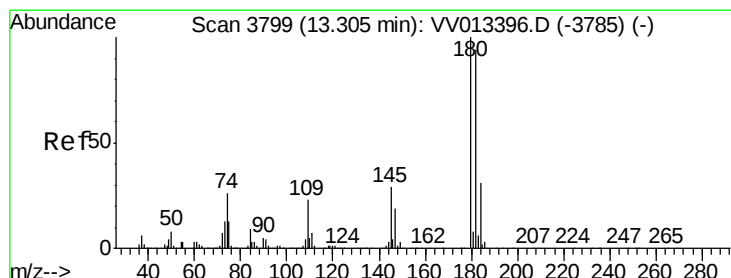
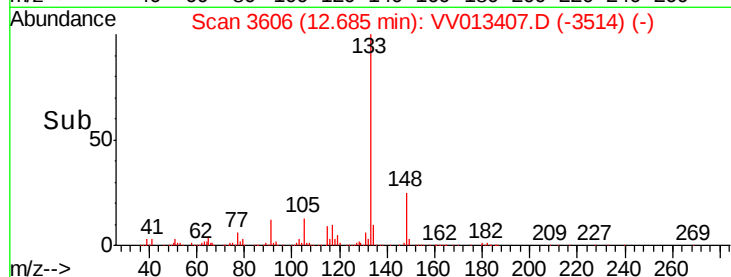
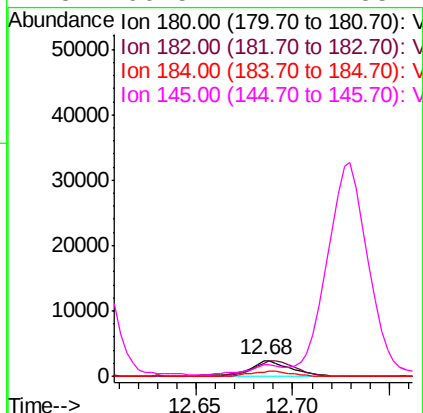
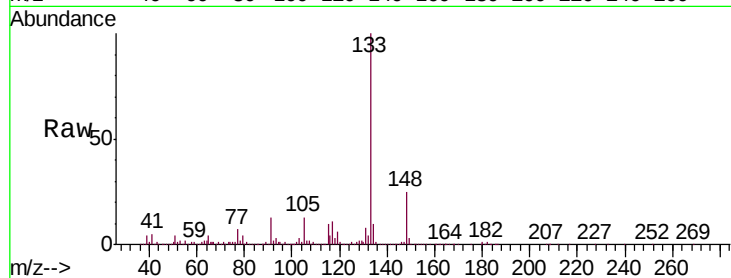




#67
 1,3,5-Trichlorobenzene
 Concen: 0.051 ug/L
 RT: 12.68 min Scan# 3606
 Delta R.T. -0.00 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

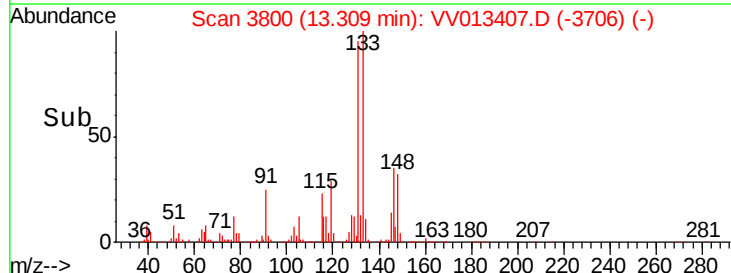
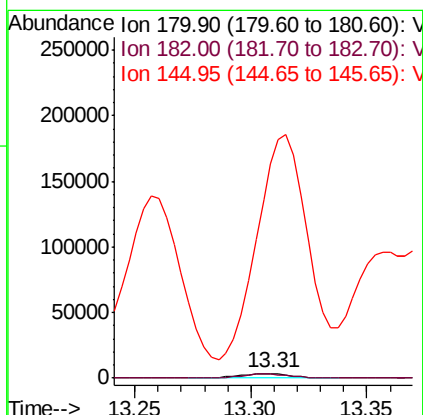
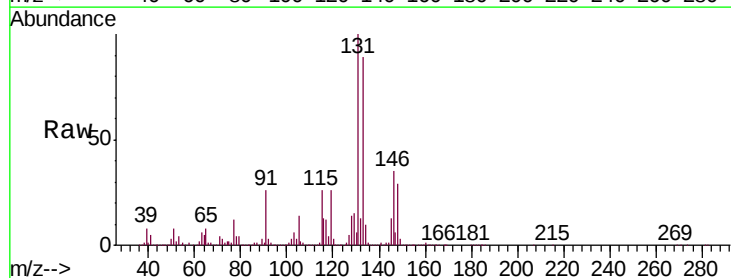
Instrument :
 MSVOA_V
 ClientSampleId :
 GAQD6

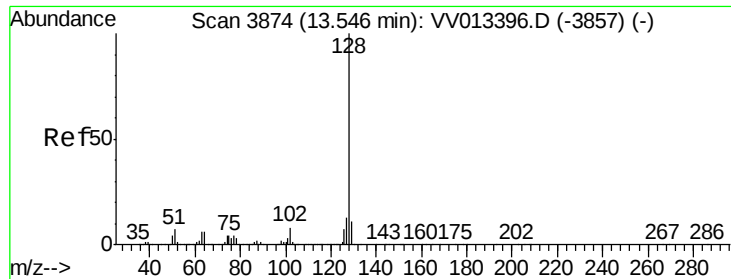
Tgt Ion:180 Resp: 3497
 Ion Ratio Lower Upper
 180 100
 182 99.2 76.4 114.6
 184 29.8 24.6 36.8
 145 66.5 22.2 33.2#



#68
 1,2,4-trichlorobenzene
 Concen: 0.101 ug/L
 RT: 13.31 min Scan# 3800
 Delta R.T. 0.00 min
 Lab File: VV013407.D
 Acq: 29 Oct 2019 20:41

Tgt Ion:180 Resp: 5353
 Ion Ratio Lower Upper
 180 100
 182 87.1 76.2 114.4
 145 4782.7 22.5 33.7#





#69

Naphthalene

Concen: 124.059 ug/L

RT: 13.55 min Scan# 3874

Delta R.T. 0.00 min

Lab File: VV013407.D

Acq: 29 Oct 2019 20:41

Instrument :

MSVOA_V

ClientSampleId :

GAQD6

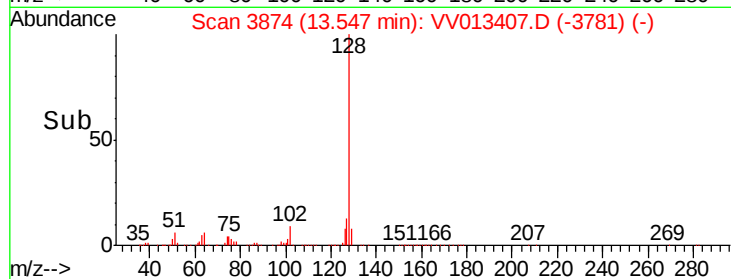
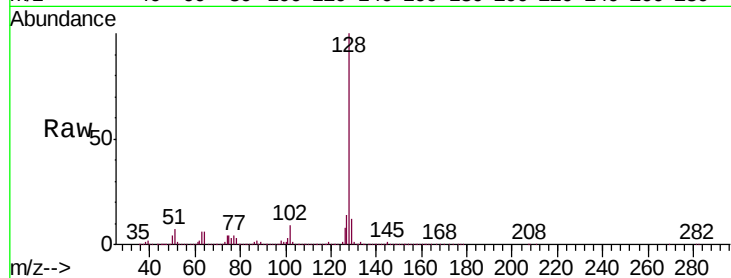
Tgt Ion:128 Resp: 8997352

Ion Ratio Lower Upper

128 100

129 12.1 8.7 13.1

127 13.6 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

