

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091318\
 Data File : VV007523.D
 Acq On : 13 Sep 2018 21:31
 Operator : SY/MD
 Sample : J4864-02
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 05:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 05:10:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	159832	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	143199	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	80059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	108856	13.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	260.80%#
7) Chloroethane-d5	1.58	69	29970	4.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.60%
11) 1,1-Dichloroethene-d2	2.15	63	580004	33.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	667.60%#
20) 2-Butanone-d5	3.96	46	1853	1.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	3.18%#
24) Chloroform-d	4.41	84	74979	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.09	65	36347	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
32) Benzene-d6	5.10	84	144072	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	6.13	67	42508	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.80%
41) Toluene-d8	7.36	98	146941	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	18916	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
46) 2-Hexanone-d5	8.14	63	52904	73.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	147.92%#
57) 1,1,2,2-Tetrachloroethane-	10.27	84	32969	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60981	4.16	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1917	0.255	ug/L	98
5) Vinyl chloride	1.32	62	8581940	1022.126	ug/L	92
8) Chloroethane	1.60	64	224059	43.786	ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3187	0.353	ug/L #	30
12) 1,1-Dichloroethene	2.15	96	1109374	136.754	ug/L #	66
13) Acetone	2.23	43	26151	34.384	ug/L #	35
14) Carbon disulfide	2.33	76	6691	0.282	ug/L	97
15) Methyl Acetate	2.48	43	9153	4.391	ug/L	95
16) Methylene chloride	2.54	84	4817799	549.443	ug/L	93
18) trans-1,2-Dichloroethene	2.79	96	44929	5.091	ug/L	98
19) 1,1-Dichloroethane	3.23	63	5211351	405.011	ug/L	98
21) 2-Butanone	4.06	43	56108	43.976	ug/L	99
25) Chloroform	4.44	83	14639	0.996	ug/L	91
27) 1,2-Dichloroethane	5.19	62	53265	6.292	ug/L #	92
29) 1,1,1-Trichloroethane	4.67	97	7743147	555.993	ug/L	98
30) Cyclohexane	4.73	56	8798	0.725	ug/L	87
31) Carbon tetrachloride	4.67	117	1055843	80.795	ug/L	100

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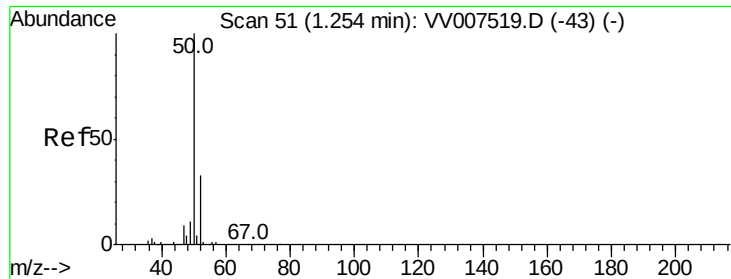
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Sep 14 05:11:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091318WMA.M
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 Response via : Initial Calibration

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

33) Benzene	5.15	78	25663	0.868	ug/L	100
34) Trichloroethene	5.97	95	9898605	1091.462	ug/L	97
35) Methylcyclohexane	6.18	83	23352	1.667	ug/L	96
37) 1,2-Dichloropropane	6.13	63	5257	0.721	ug/L #	1
40) 4-Methyl-2-pentanone	7.29	43	14674	3.647	ug/L #	87
42) Toluene	7.43	91	735004	21.516	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	1070	0.112	ug/L #	63
45) 1,1,2-Trichloroethane	7.89	97	51853	9.529	ug/L	97
47) Tetrachloroethene	8.02	164	4418	0.543	ug/L	93
49) Dibromochloromethane	8.02	129	3434	0.443	ug/L #	11
52) Ethylbenzene	9.06	91	2466981	64.110	ug/L	98
53) m,p-xylene	9.19	106	3057910	205.114	ug/L	98
54) o-xylene	9.59	106	1274169	87.274	ug/L	98
55) Styrene	9.59	104	67652	2.845	ug/L #	1
56) Isopropylbenzene	9.98	105	228996	5.777	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	2070	0.388	ug/L #	69
59) 1,2,3-Trichloropropane	10.32	75	1596	0.358	ug/L #	44
62) 1,3-Dichlorobenzene	11.23	146	2259	0.112	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	1939	0.096	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.46	75	833	0.860	ug/L #	1
67) 1,3,5-Trichlorobenzene	12.69	180	4635	0.294	ug/L	97
68) 1,2,4-trichlorobenzene	13.32	180	2340	0.206	ug/L #	18
69) Naphthalene	13.56	128	6434910	467.620	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	597	0.058	ug/L #	1

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



#3

Chloromethane

Concen: 0.255 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

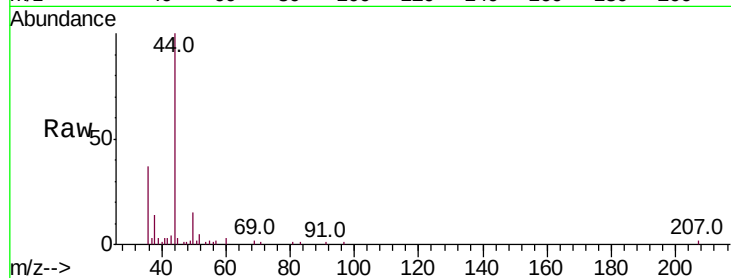
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 1917

Ion Ratio Lower Upper

50 100

52 35.6 24.3 45.1



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0

3000

2500

2000

1500

1000

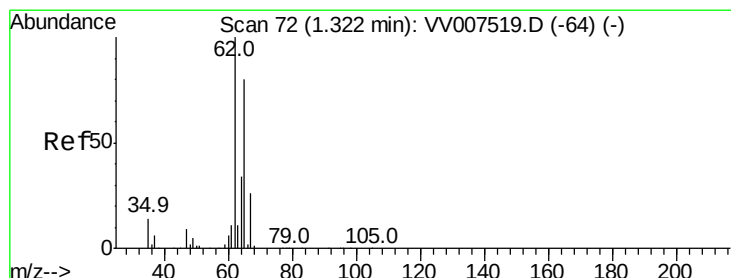
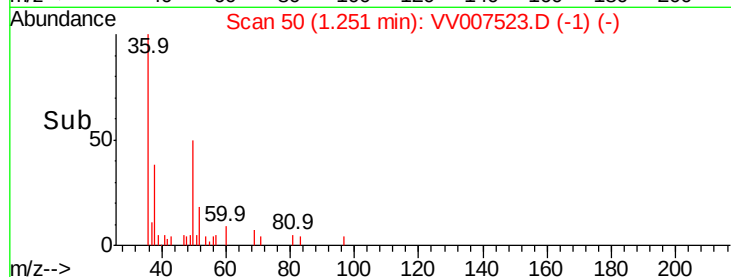
500

0

Time-->

1.22 1.24 1.26 1.28

1.25



#5

Vinyl chloride

Concen: 1022.126 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV007523.D

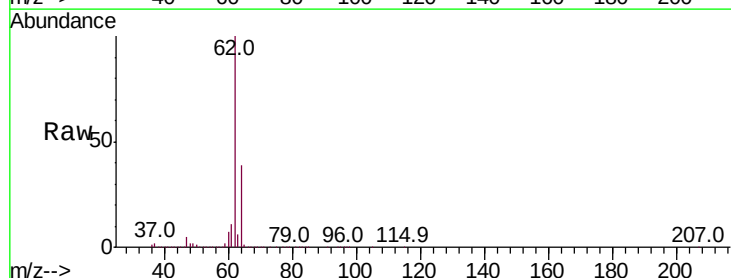
Acq: 13 Sep 2018 21:31

Tgt Ion: 62 Resp: 8581940

Ion Ratio Lower Upper

62 100

64 39.3 24.4 45.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

8000000

6000000

4000000

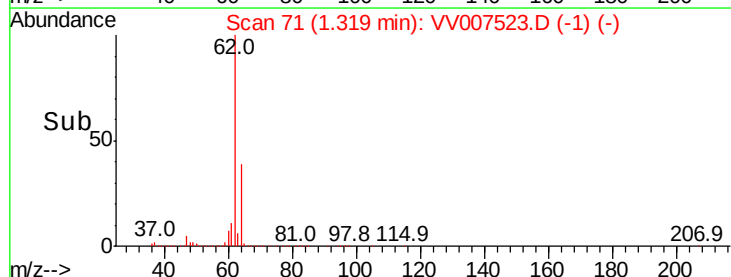
2000000

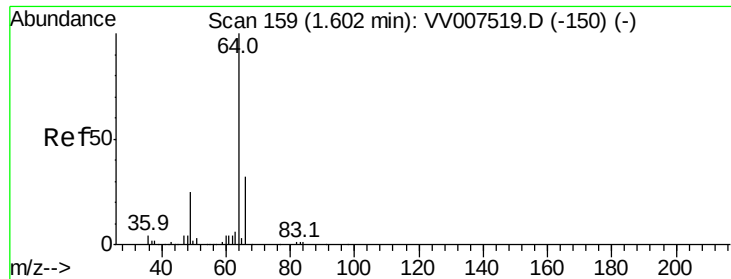
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Time-->

1.30 1.32 1.34 1.36 1.38 1.40 1.42 1.44 1.46 1.48 1.50

1.32





#8

Chloroethane

Concen: 43.786 ug/L

RT: 1.60 min Scan# 159

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

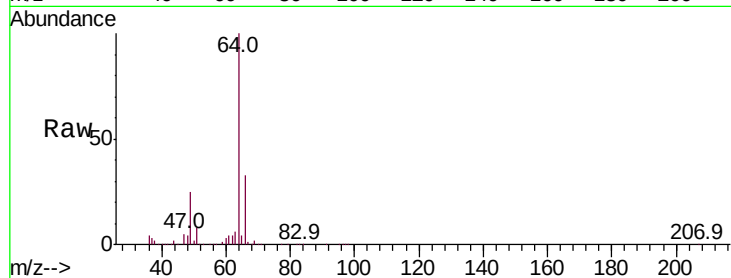
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 64 Resp: 224059

Ion Ratio Lower Upper

64 100

66 33.1 24.3 45.1



Abundance Ion 64.10 (63.80 to 64.80): VV007519.D (-150) (-)

Ion 66.05 (65.75 to 66.75): VV007519.D (-150) (-)

1.60

200000

150000

100000

50000

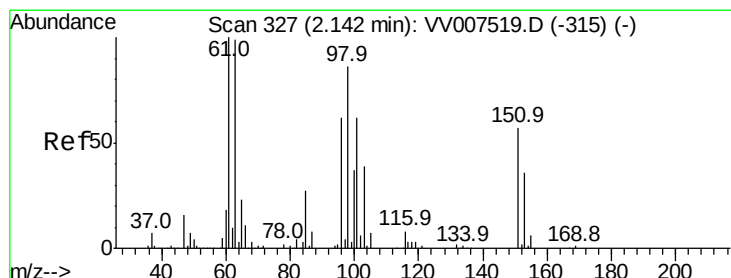
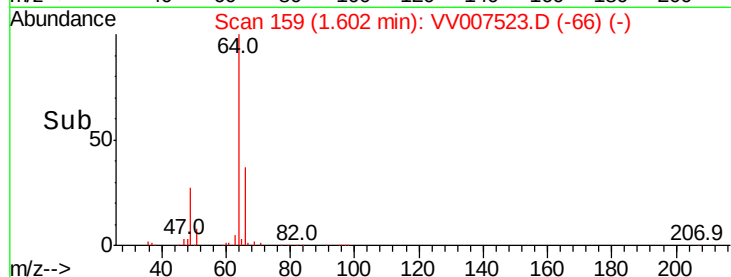
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Time-->

1.50

1.60

1.70



#10

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

Concen: 0.353 ug/L

RT: 2.14 min Scan# 327

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

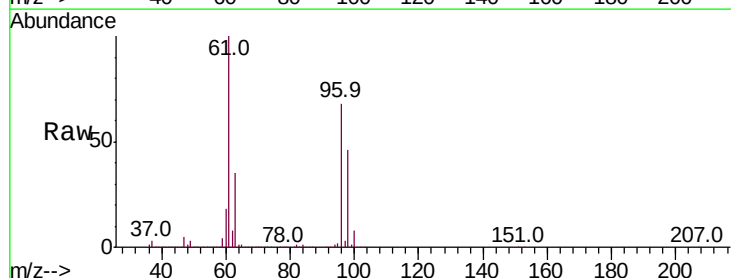
Tgt Ion:101 Resp: 3187

Ion Ratio Lower Upper

101 100

85 26.5 34.8 52.2#

151 4.7 72.6 109.0#



Abundance Ion 101.00 (100.70 to 101.70): VV007519.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV007519.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV007519.D (-315) (-)

2.14

2500

2000

1500

1000

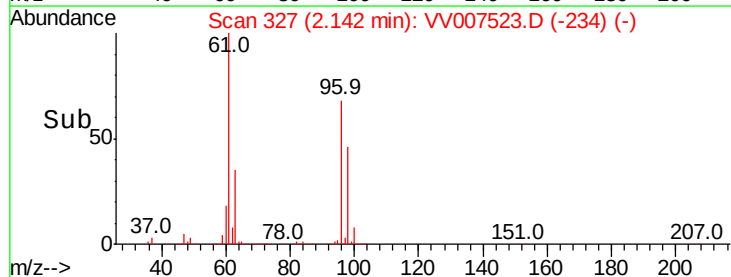
500

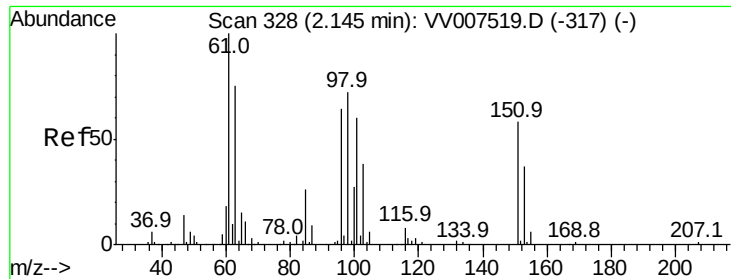
0

Time-->

2.10

2.15





#12

1,1-Dichloroethene

Concen: 136.754 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

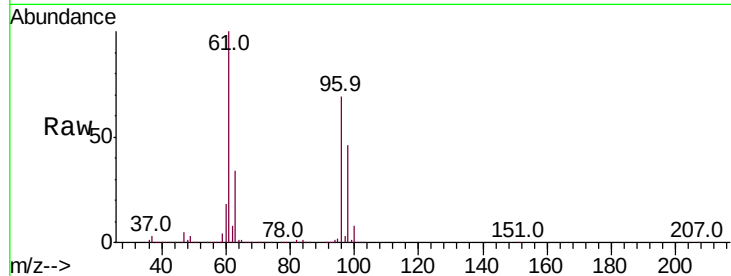
Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 96 Resp: 1109374

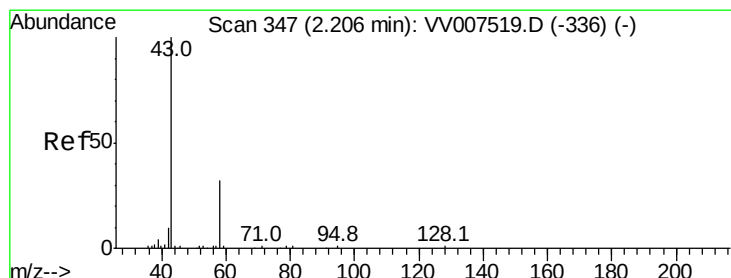
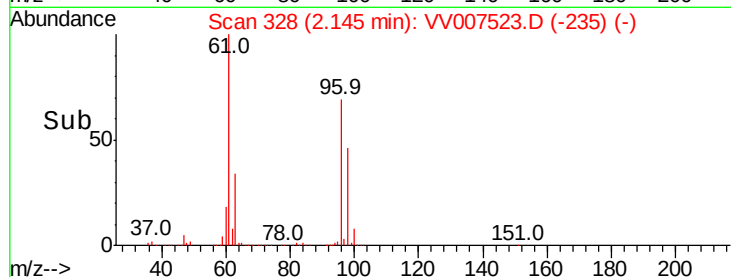
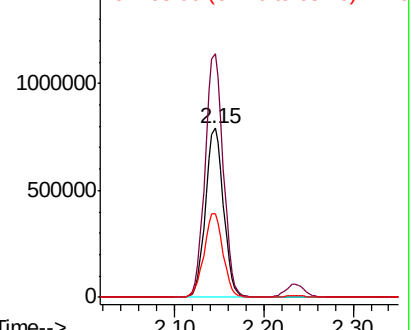
Ion	Ratio	Lower	Upper
96	100		
61	143.9	114.8	213.2
63	49.4	81.8	151.8#



Abundance Ion 96.00 (95.70 to 96.70): VV007519.D (-317) (-)

Ion 61.05 (60.75 to 61.75): VV007519.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV007519.D (-317) (-)



#13

Acetone

Concen: 34.384 ug/L

RT: 2.23 min Scan# 354

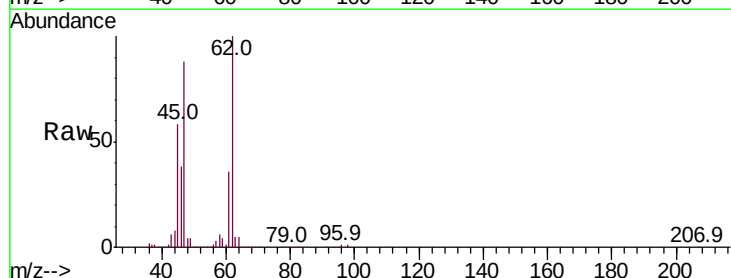
Delta R.T. 0.02 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

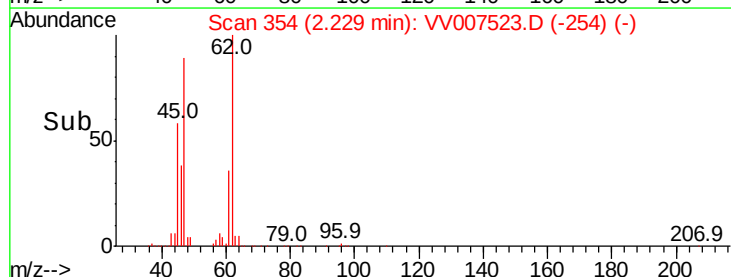
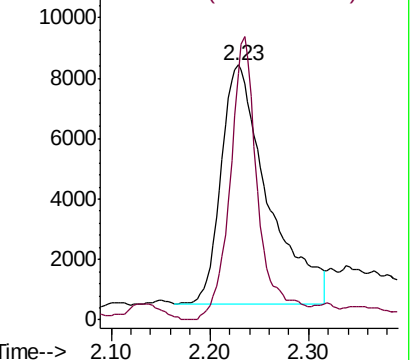
Tgt Ion: 43 Resp: 26151

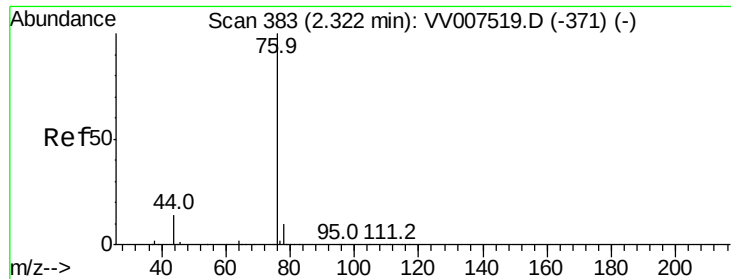
Ion	Ratio	Lower	Upper
43	100		
58	67.8	0.0	63.4#



Abundance Ion 43.05 (42.75 to 43.75): VV007519.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV007519.D (-336) (-)





#14

Carbon disulfide

Concen: 0.282 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

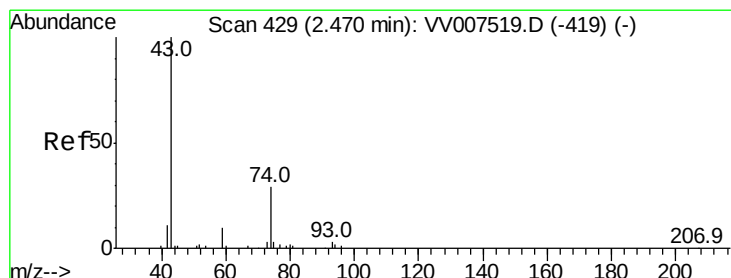
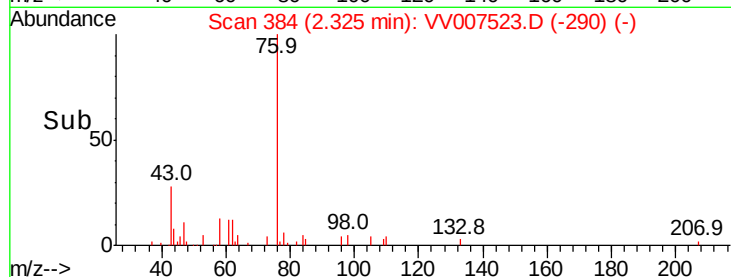
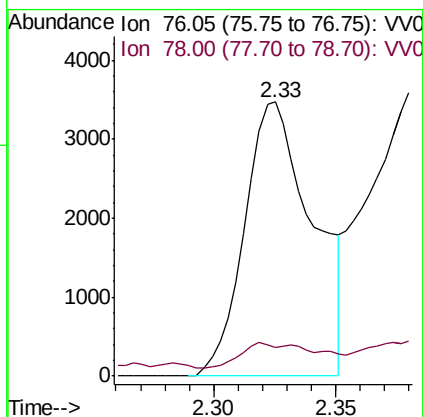
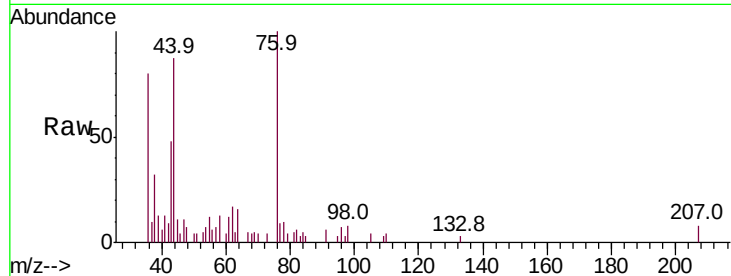
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 76 Resp: 6691

Ion Ratio Lower Upper

76 100

78 10.2 7.4 11.0



#15

Methyl Acetate

Concen: 4.391 ug/L

RT: 2.48 min Scan# 432

Delta R.T. 0.01 min

Lab File: VV007523.D

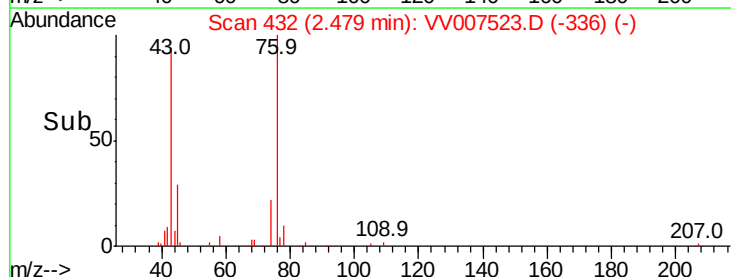
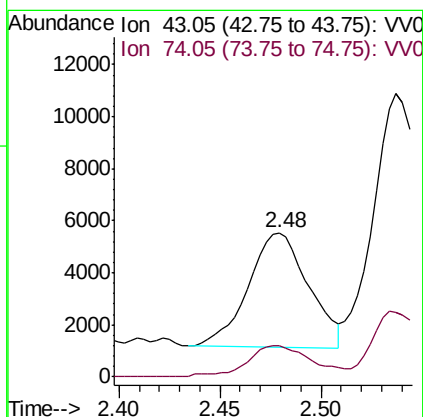
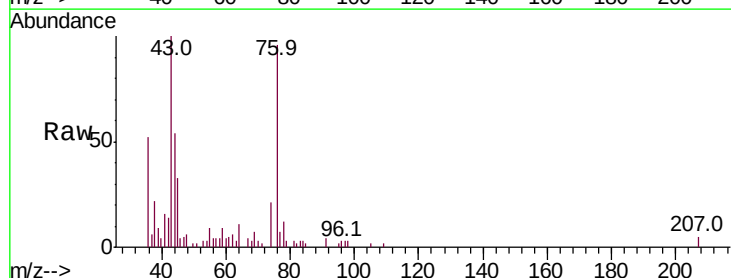
Acq: 13 Sep 2018 21:31

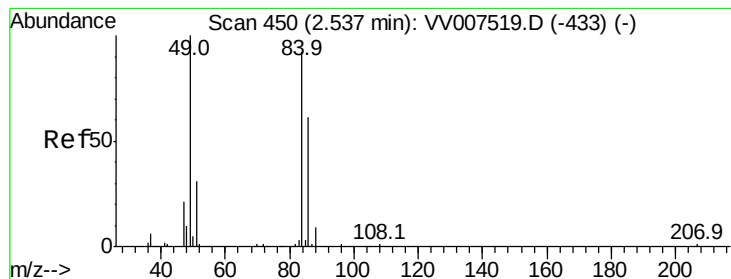
Tgt Ion: 43 Resp: 9153

Ion Ratio Lower Upper

43 100

74 29.3 25.4 38.2





#16

Methvlene chloride

Concen: 549.443 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :
MSVOA_V
ClientSampleId :

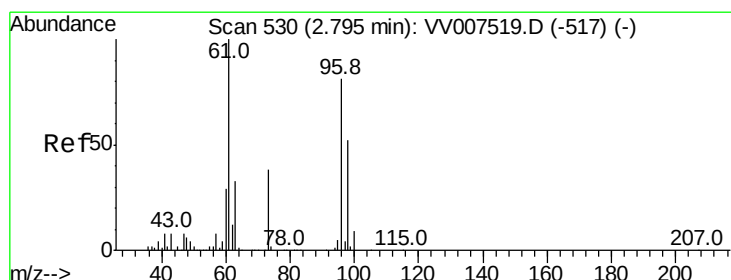
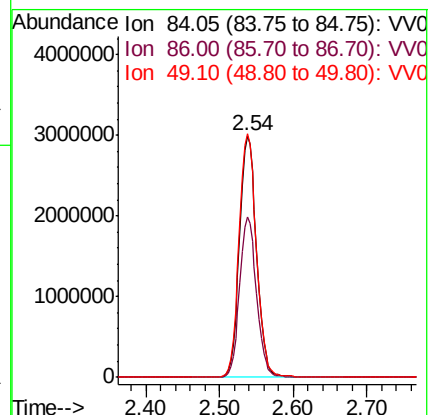
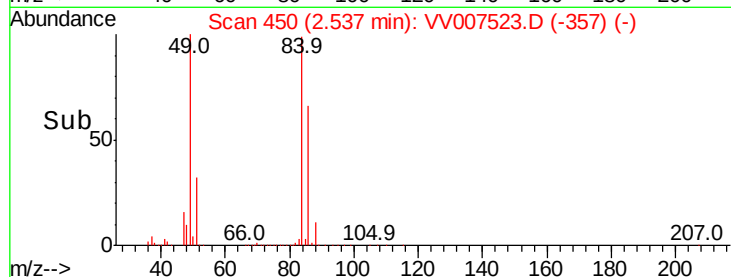
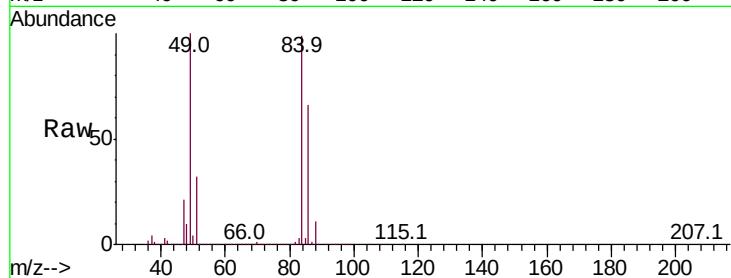
Tot Ion: 84 Resp: 4817799

Ion Ratio Lower Upper

84 100

86 66.2 43.7 81.1

49 100.8 76.8 142.6



#18

trans-1,2-Dichloroethene

Concen: 5.091 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

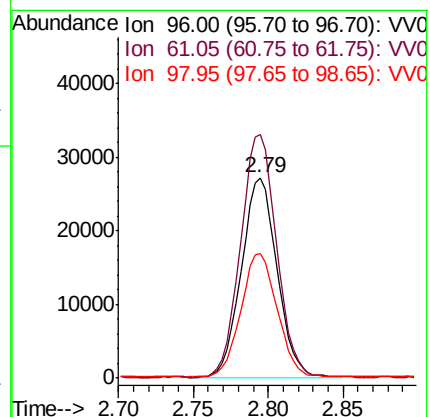
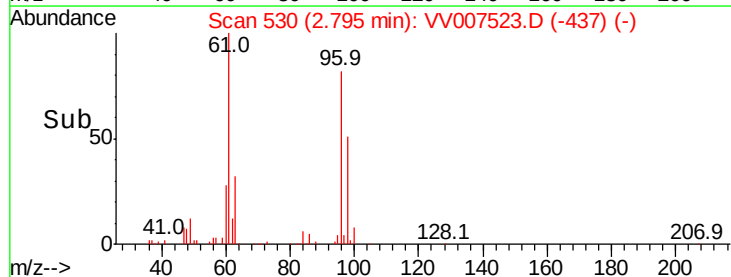
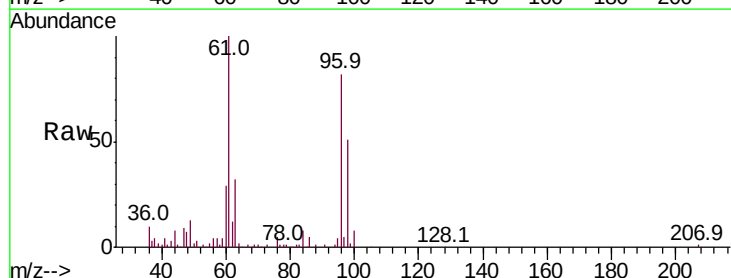
Tgt Ion: 96 Resp: 44929

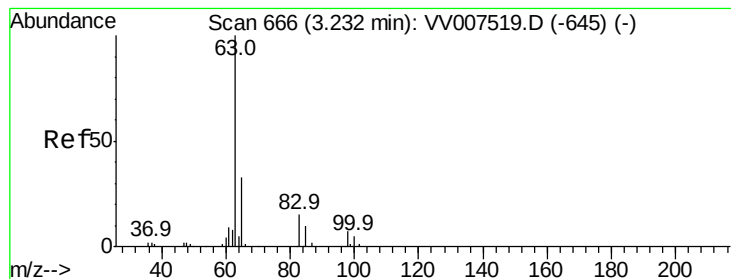
Ion Ratio Lower Upper

96 100

61 121.6 86.8 161.2

98 62.3 44.4 82.4





#19

1,1-Dichloroethane

Concen: 405.011 ug/L

RT: 3.23 min Scan# 666

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

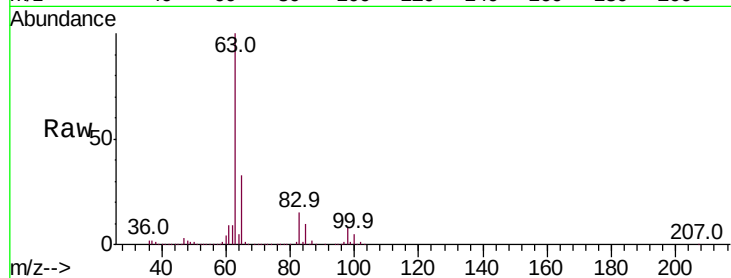
Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 63 Resp: 5211351

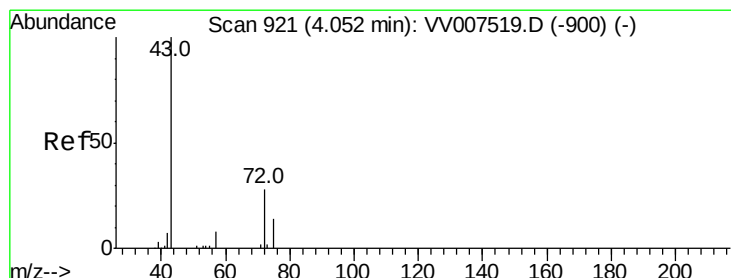
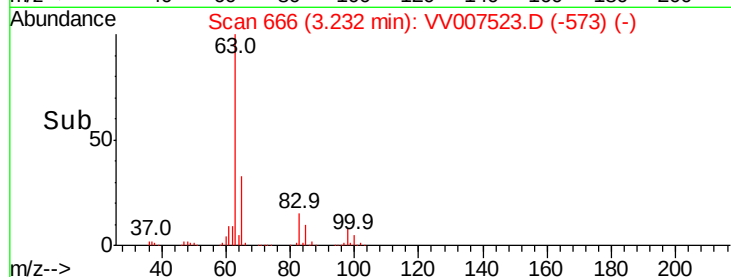
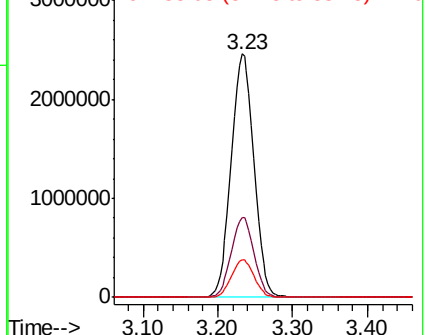
Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.5	41.9
83	15.5	10.4	19.2



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#21

2-Butanone

Concen: 43.976 ug/L

RT: 4.06 min Scan# 925

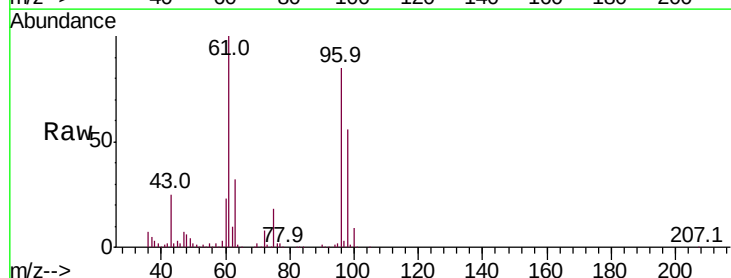
Delta R.T. 0.01 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

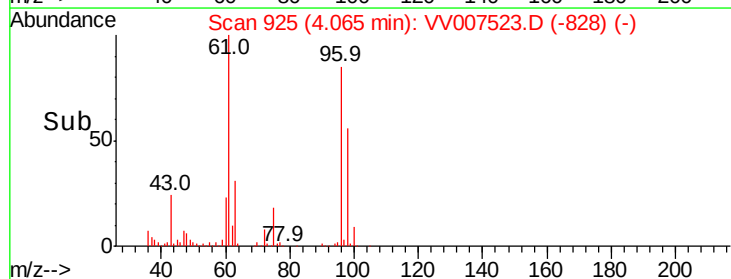
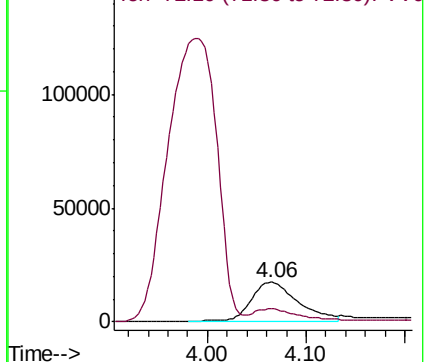
Tgt Ion: 43 Resp: 56108

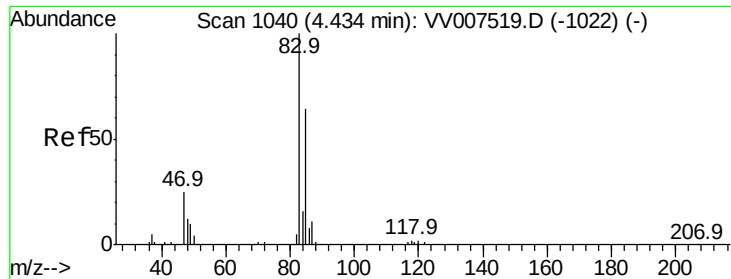
Ion	Ratio	Lower	Upper
43	100		
72	28.1	14.2	42.6



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

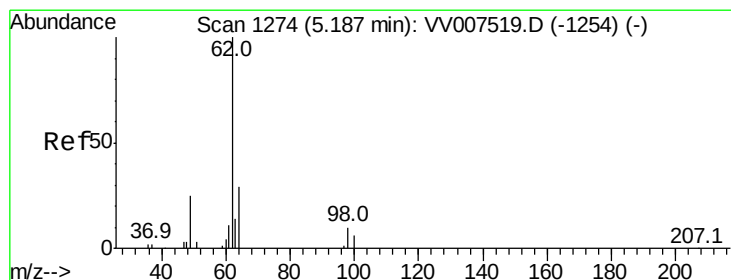
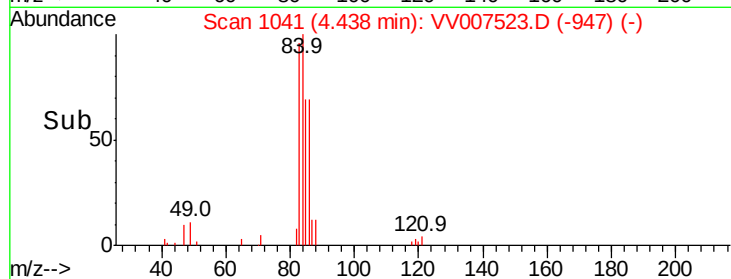
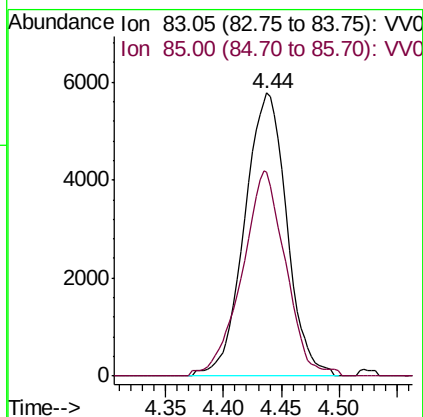
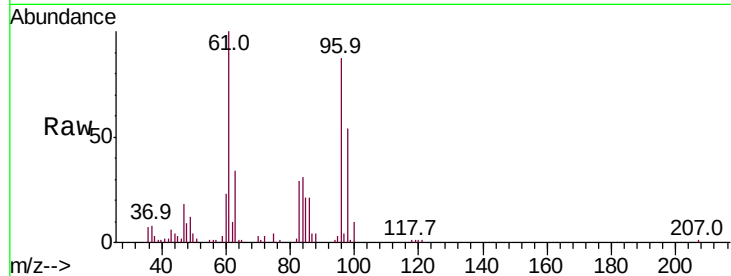




#25
Chloroform
Concen: 0.996 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007523.D
Acq: 13 Sep 2018 21:31

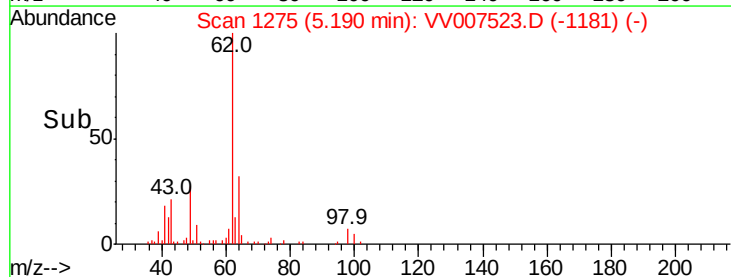
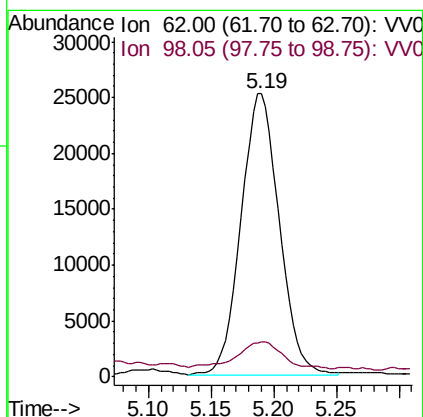
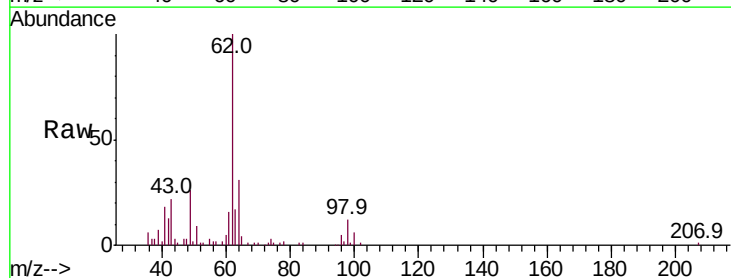
Instrument :
MSVOA_V
ClientSampleId :

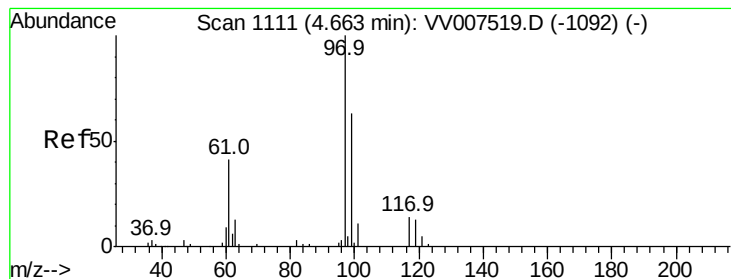
Tot Ion: 83 Resp: 14639
Ion Ratio Lower Upper
83 100
85 72.1 45.5 84.5



#27
1,2-Dichloroethane
Concen: 6.292 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV007523.D
Acq: 13 Sep 2018 21:31

Tgt Ion: 62 Resp: 53265
Ion Ratio Lower Upper
62 100
98 12.3 7.6 11.4#





#29

1,1,1-Trichloroethane

Concen: 555.993 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. 0.01 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :
MSVOA_V
ClientSampleId :

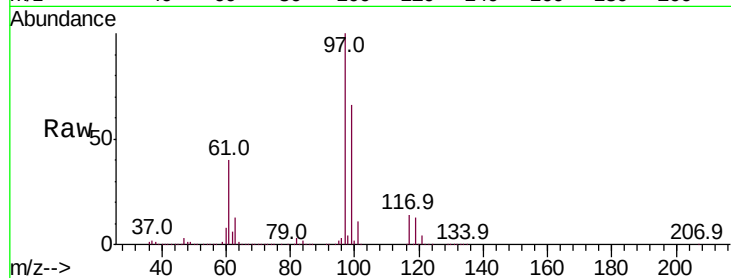
Tot Ion: 97 Resp: 7743147

Ion Ratio Lower Upper

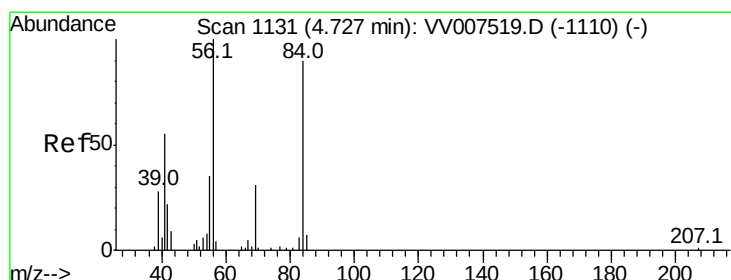
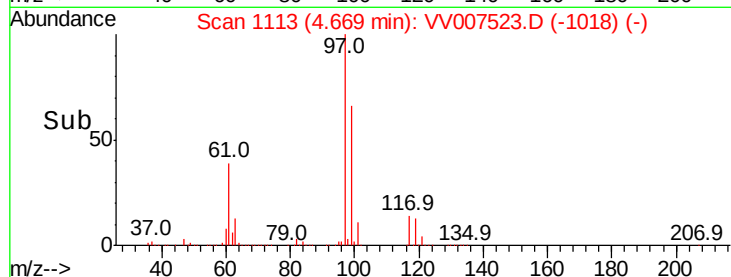
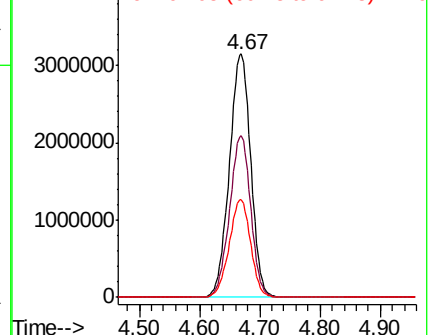
97 100

99 65.7 50.7 76.1

61 39.8 32.5 48.7



Abundance Ion 96.95 (96.65 to 97.65): VV0
Ion 99.05 (98.75 to 99.75): VV0
Ion 61.05 (60.75 to 61.75): VV0



#30

Cyclohexane

Concen: 0.725 ug/L

RT: 4.73 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

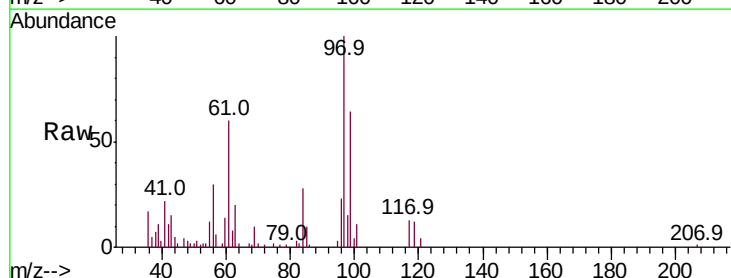
Tgt Ion: 56 Resp: 8798

Ion Ratio Lower Upper

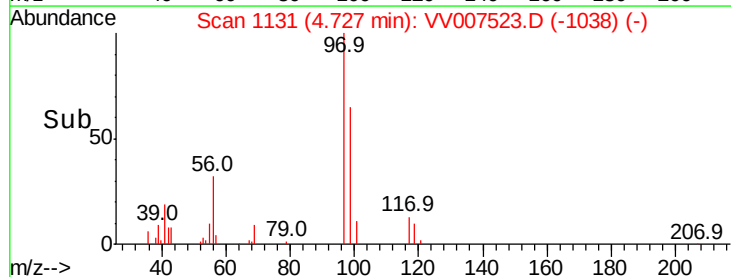
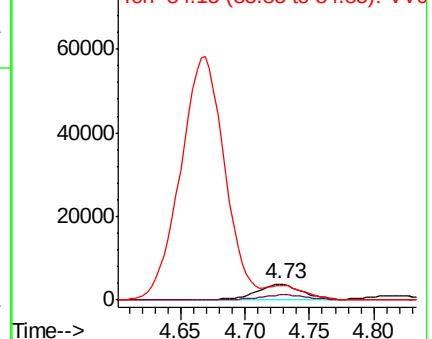
56 100

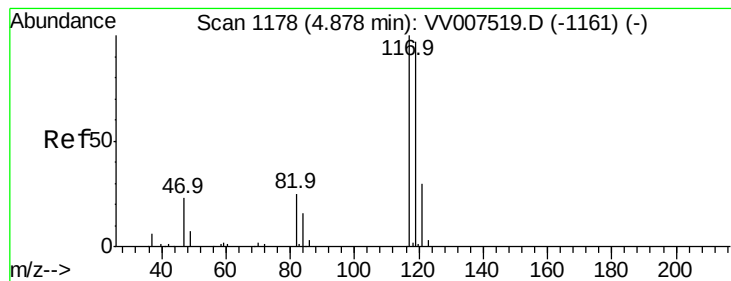
69 30.8 26.1 39.1

84 82.0 78.0 117.0



Abundance Ion 56.10 (55.80 to 56.80): VV0
Ion 69.15 (68.85 to 69.85): VV0
Ion 84.15 (83.85 to 84.85): VV0





#31

Carbon tetrachloride

Concen: 80.795 ug/L

RT: 4.67 min Scan# 1113

Delta R.T. -0.21 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

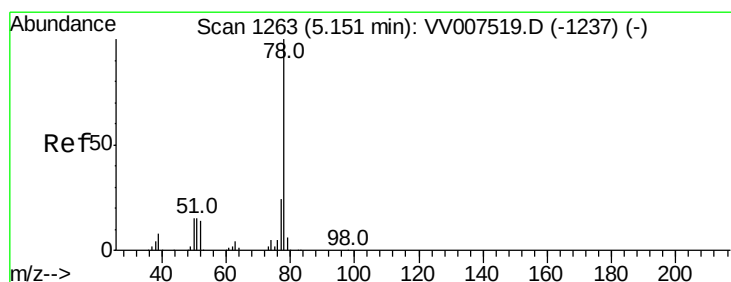
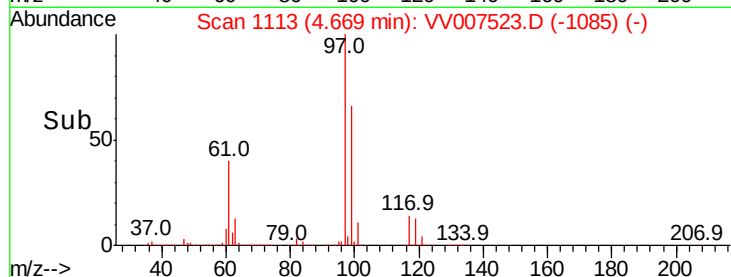
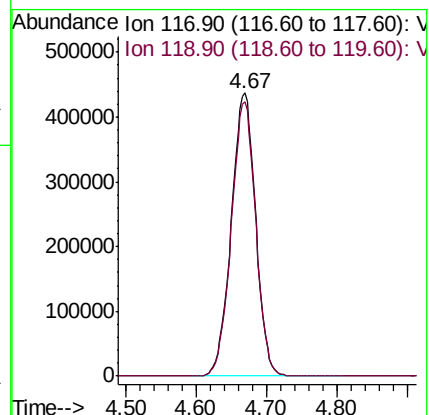
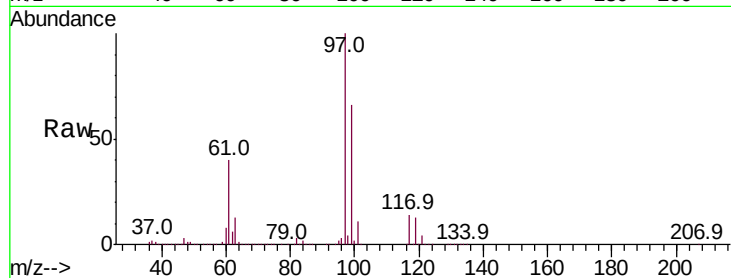
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:117 Resp: 1055843

Ion Ratio Lower Upper

117 100

119 96.9 77.5 116.3



#33

Benzene

Concen: 0.868 ug/L

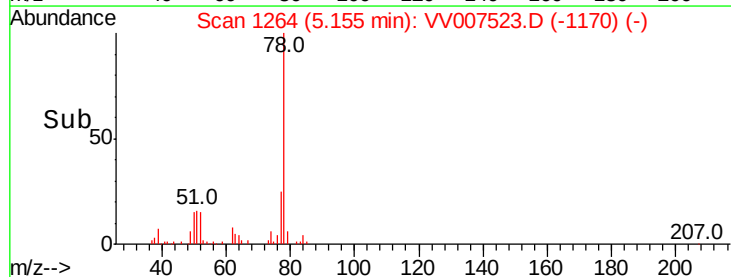
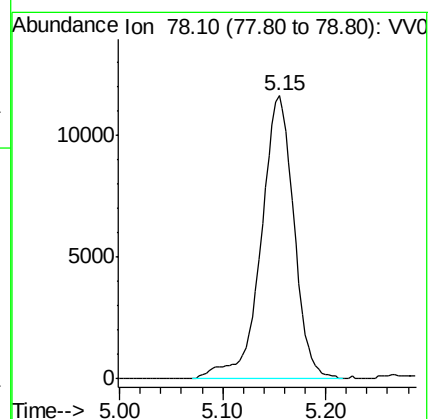
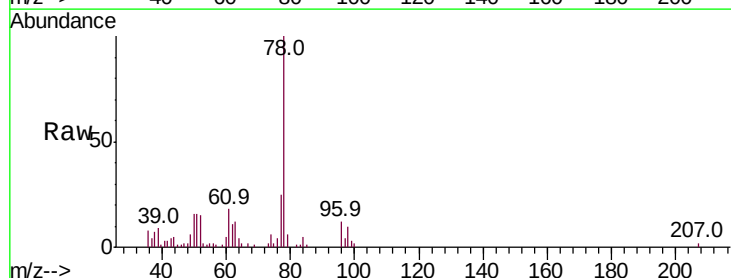
RT: 5.15 min Scan# 1264

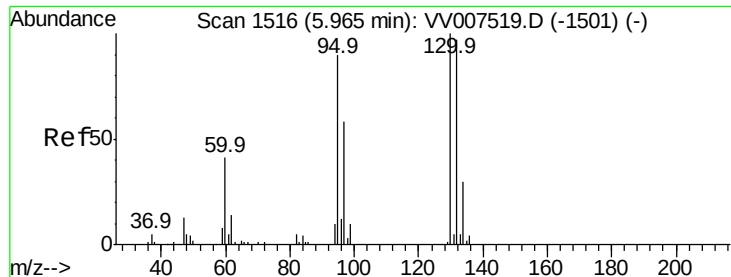
Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Tgt Ion: 78 Resp: 25663

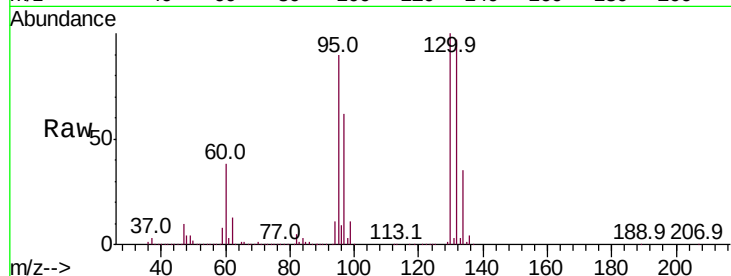




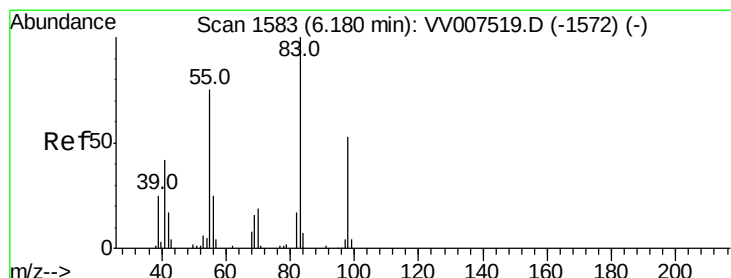
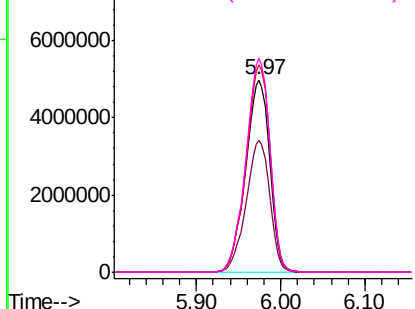
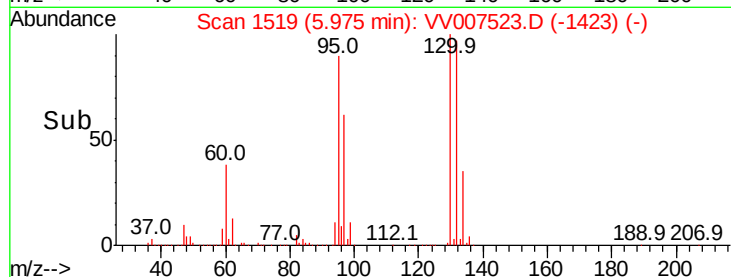
#34
 Trichloroethene
 Concen: 1091.462 ug/L
 RT: 5.97 min Scan# 1519
 Delta R.T. 0.01 min
 Lab File: VV007523.D
 Acq: 13 Sep 2018 21:31

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 95 Resp: 9898605
 Ion Ratio Lower Upper
 95 100
 97 68.8 45.5 84.5
 132 108.2 74.9 139.1
 130 111.1 80.0 148.6

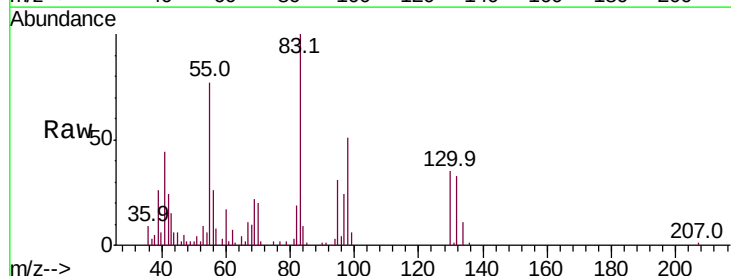


Abundance Ion 95.00 (94.70 to 95.70): VV0
 Ion 96.95 (96.65 to 97.65): VV0
 Ion 131.95 (131.65 to 132.65): VV0
 Ion 129.95 (129.65 to 130.65): VV0

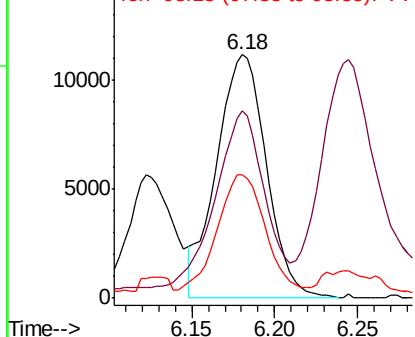
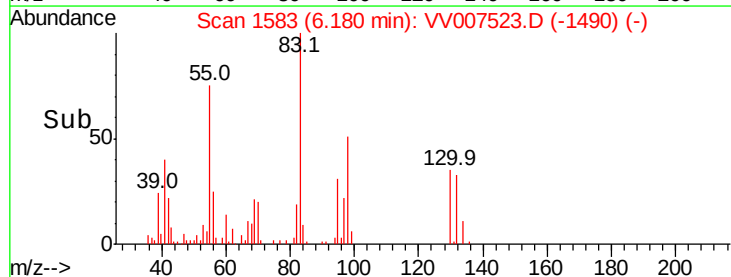


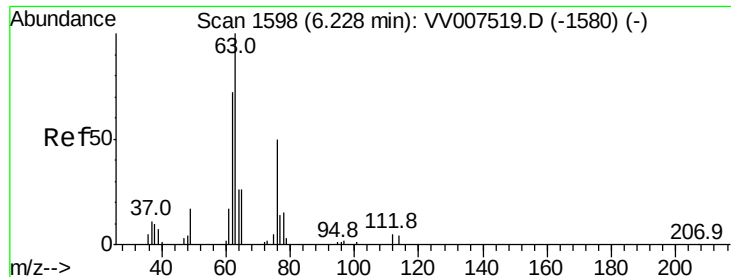
#35
 Methylcyclohexane
 Concen: 1.667 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VV007523.D
 Acq: 13 Sep 2018 21:31

Tgt Ion: 83 Resp: 23352
 Ion Ratio Lower Upper
 83 100
 55 71.3 55.0 82.4
 98 43.6 37.6 56.4



Abundance Ion 83.15 (82.85 to 83.85): VV0
 Ion 55.10 (54.80 to 55.80): VV0
 Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.721 ug/L

RT: 6.13 min Scan# 1567

Delta R.T. -0.10 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :

MSVOA_V

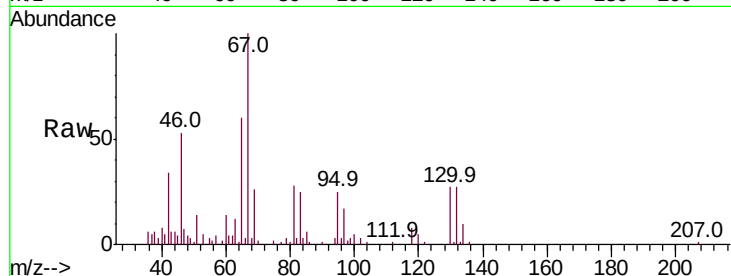
ClientSampled :

Tot Ion: 63 Resp: 5257

Ion Ratio Lower Upper

63 100

112 213.0 4.1 6.1#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

6.13

2500

2000

1500

1000

500

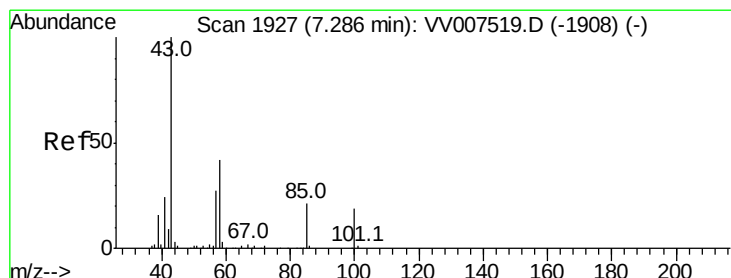
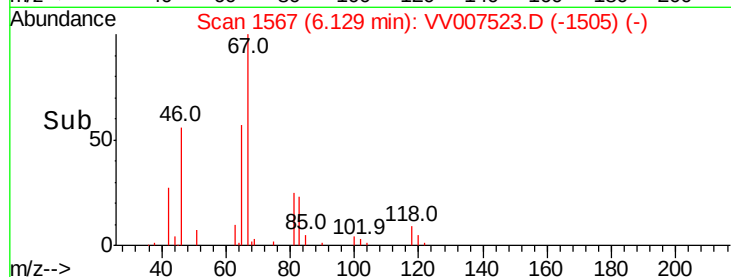
0

Time-->

6.05

6.10

6.15



#40

4-Methyl-2-pentanone

Concen: 3.647 ug/L

RT: 7.29 min Scan# 1928

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

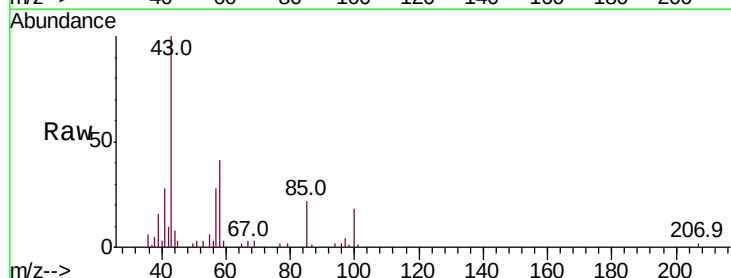
Tgt Ion: 43 Resp: 14674

Ion Ratio Lower Upper

43 100

58 42.3 32.6 49.0

100 0.0 13.5 20.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 100.15 (99.85 to 100.85): VV0

60000

40000

20000

0

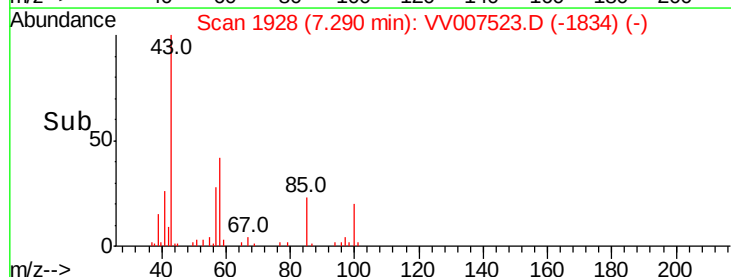
Time-->

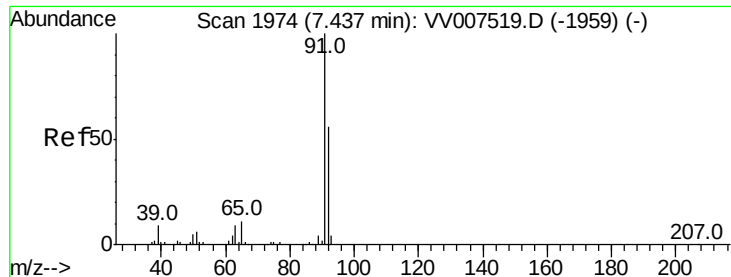
7.20

7.25

7.30

7.35





#42

Toluene

Concen: 21.516 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. -0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

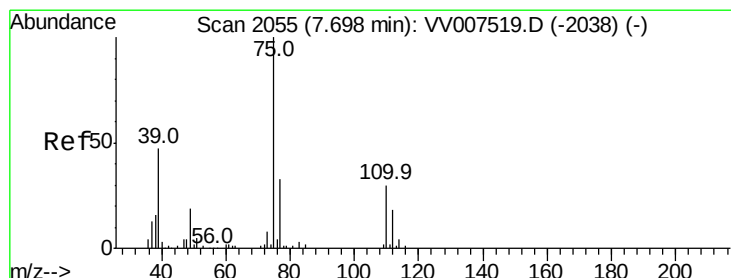
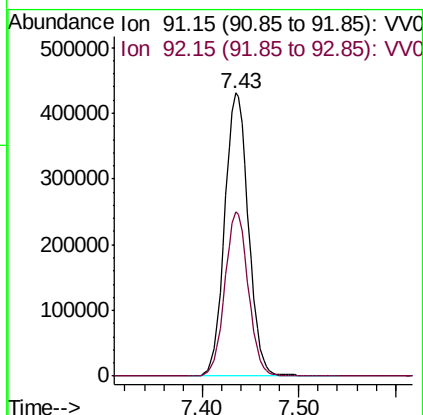
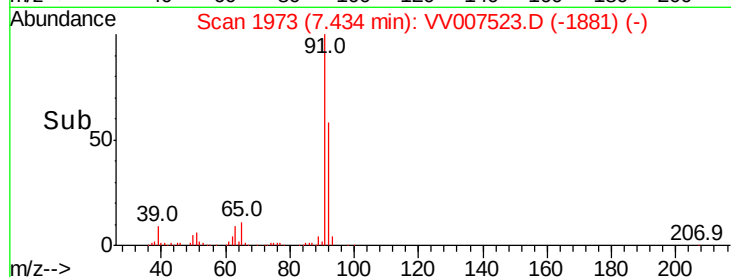
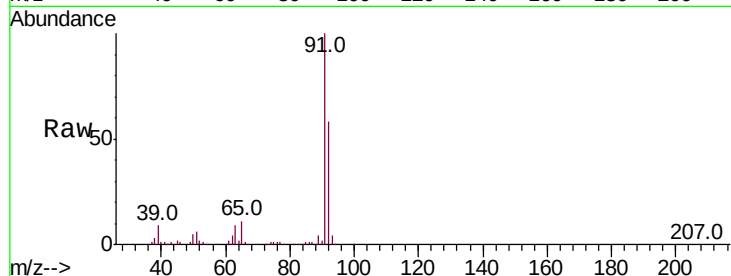
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 91 Resp: 735004

Ion Ratio Lower Upper

91 100

92 58.2 40.3 74.8



#44

trans-1,3-Dichloropropene

Concen: 0.112 ug/L

RT: 7.67 min Scan# 2046

Delta R.T. -0.03 min

Lab File: VV007523.D

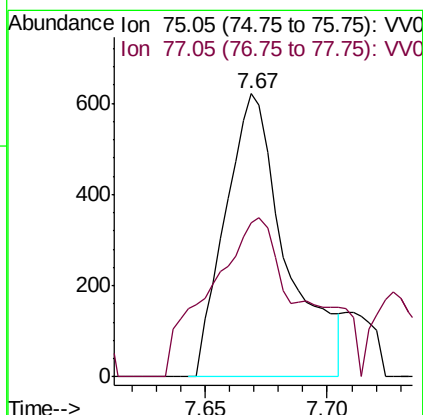
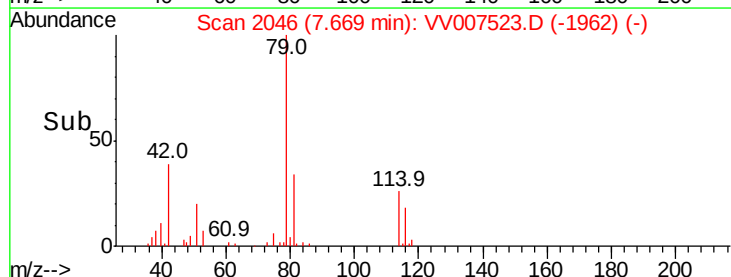
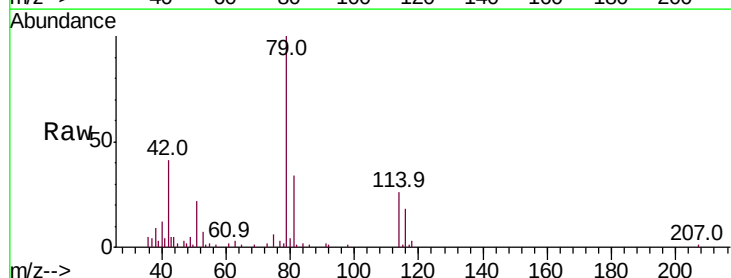
Acq: 13 Sep 2018 21:31

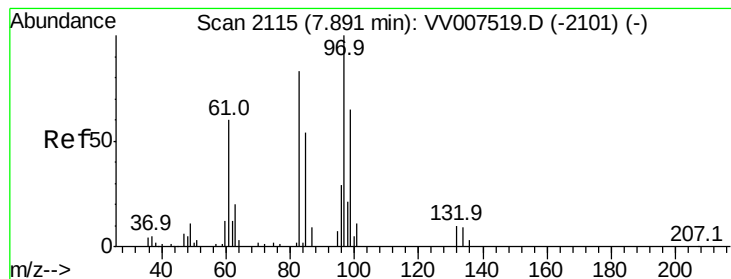
Tgt Ion: 75 Resp: 1070

Ion Ratio Lower Upper

75 100

77 54.6 23.4 43.4#





#45

1,1,2-Trichloroethane

Concen: 9.529 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. -0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

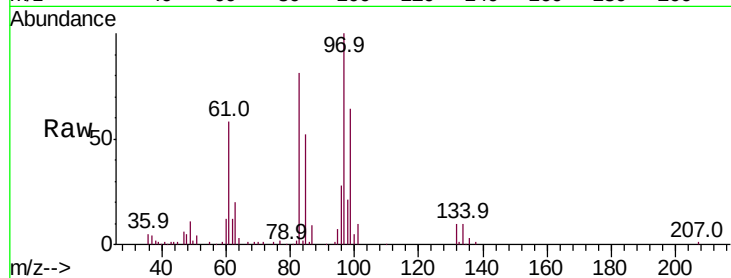
Instrument :

MSVOA_V

ClientSampleId :

Tot Ion: 97 Resp: 51853

Ion	Ratio	Lower	Upper
97	100		
99	63.6	42.9	79.7
83	81.2	58.1	107.9
85	52.2	38.3	71.1



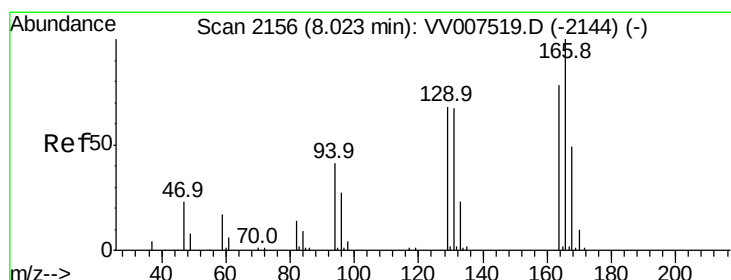
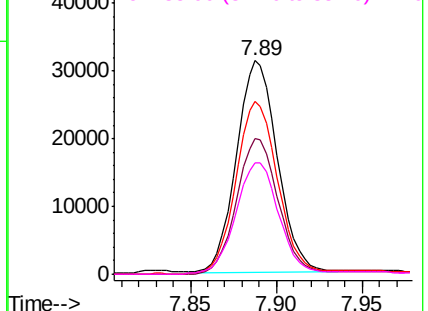
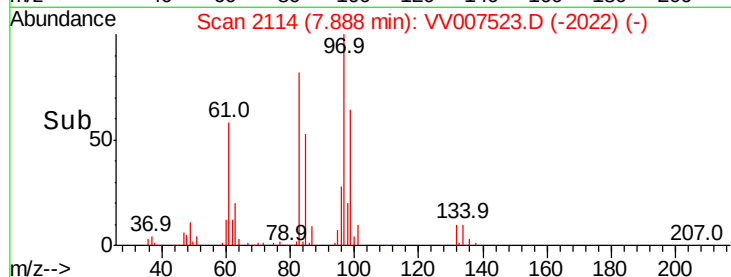
Abundance

Ion 96.95 (96.65 to 97.65): VV007519.D (-2101) (-)

Ion 99.05 (98.75 to 99.75): VV007519.D (-2101) (-)

Ion 82.95 (82.65 to 83.65): VV007519.D (-2101) (-)

Ion 85.00 (84.70 to 85.70): VV007519.D (-2101) (-)



#47

Tetrachloroethene

Concen: 0.543 ug/L

RT: 8.02 min Scan# 2156

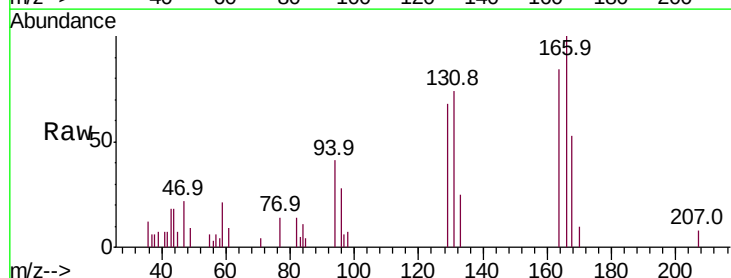
Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Tgt Ion: 164 Resp: 4418

Ion	Ratio	Lower	Upper
164	100		
129	80.4	61.9	115.1
131	87.4	62.1	115.3
166	118.5	90.4	167.8



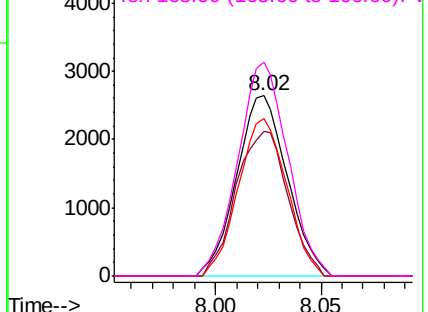
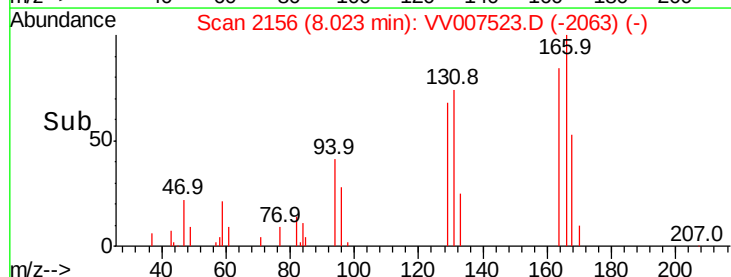
Abundance

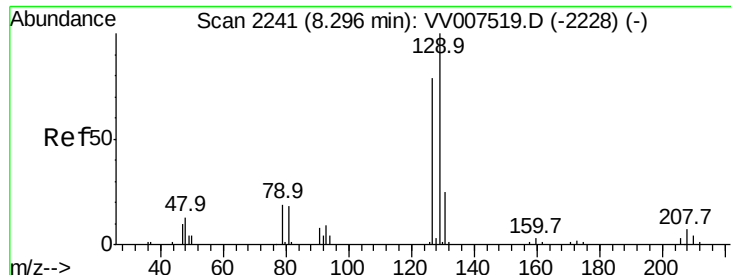
Ion 163.90 (163.60 to 164.60): VV007519.D (-2144) (-)

Ion 128.95 (128.65 to 129.65): VV007519.D (-2144) (-)

Ion 130.95 (130.65 to 131.65): VV007519.D (-2144) (-)

Ion 165.90 (165.60 to 166.60): VV007519.D (-2144) (-)

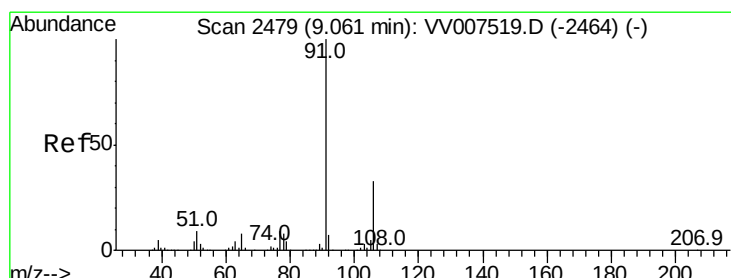
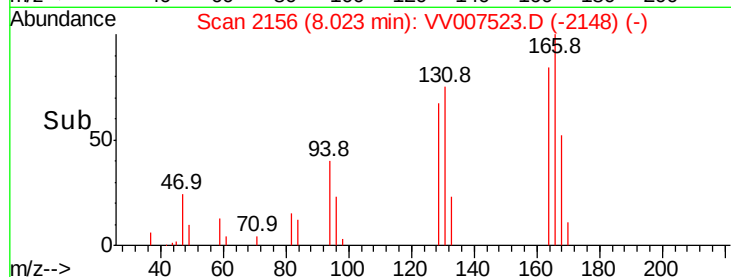
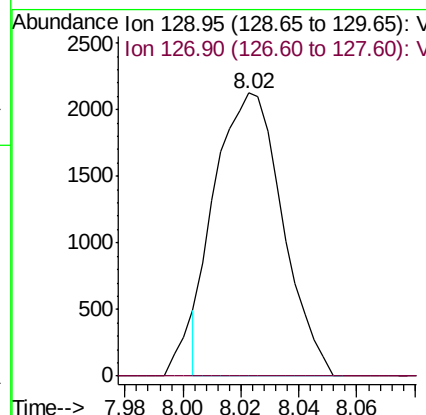
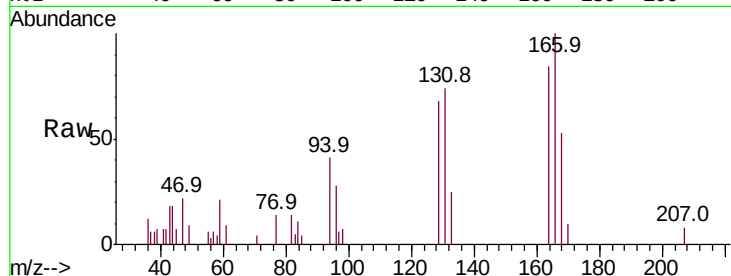




#49
Dibromochloromethane
Concen: 0.443 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. -0.27 min
Lab File: VV007523.D
Acq: 13 Sep 2018 21:31

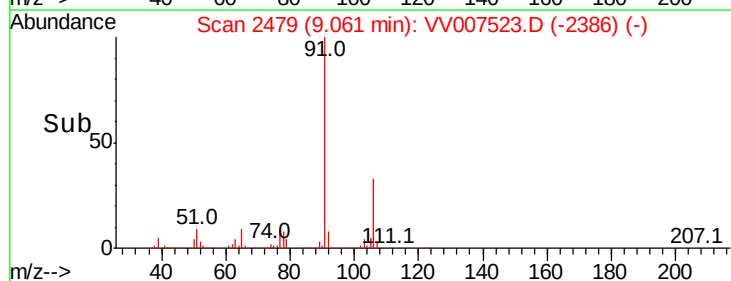
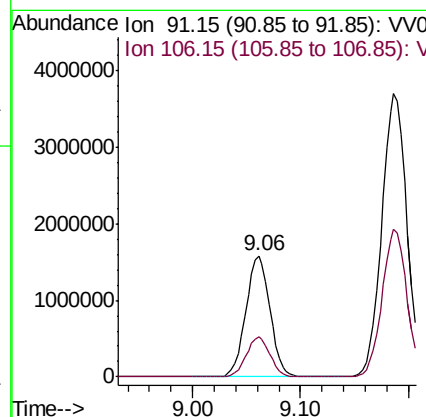
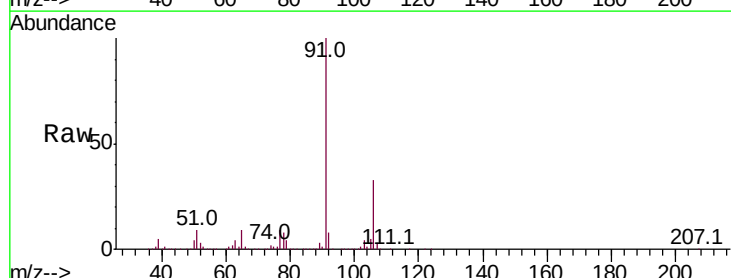
Instrument :
MSVOA_V
ClientSampled :

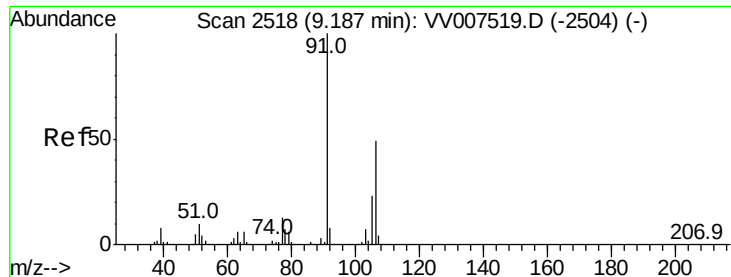
Tot Ion:129 Resp: 3434
Ion Ratio Lower Upper
129 100
127 0.0 53.8 100.0#



#52
Ethylbenzene
Concen: 64.110 ug/L
RT: 9.06 min Scan# 2479
Delta R.T. 0.00 min
Lab File: VV007523.D
Acq: 13 Sep 2018 21:31

Tgt Ion: 91 Resp: 2466981
Ion Ratio Lower Upper
91 100
106 32.8 22.0 41.0





#53

m,p-xylene

Concen: 205.114 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

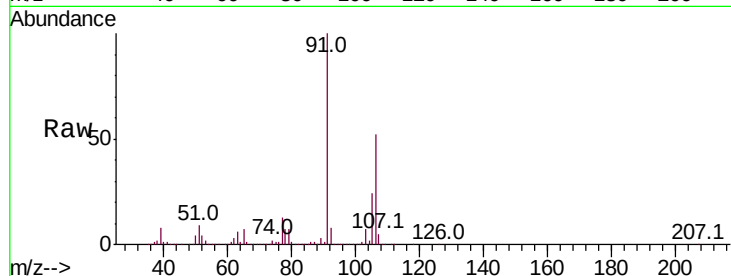
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:106 Resp: 3057910

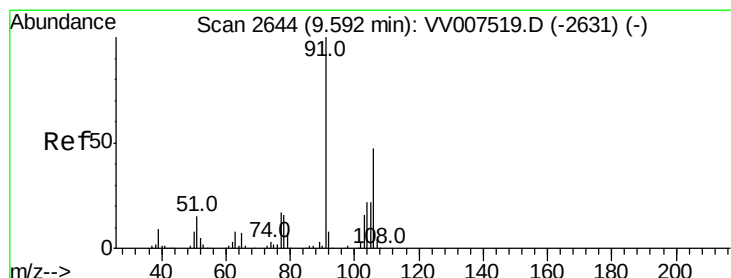
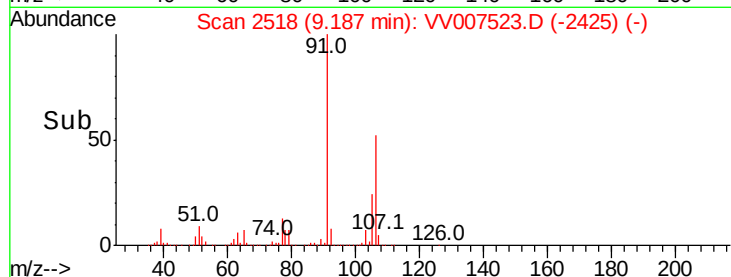
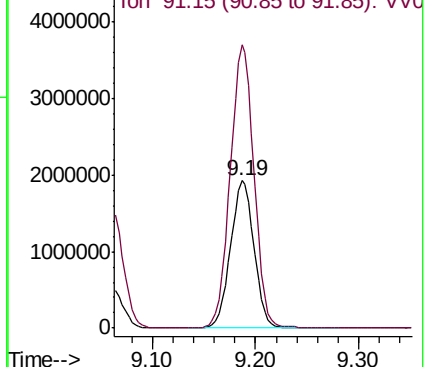
Ion Ratio Lower Upper

106 100

91 192.4 137.2 254.8



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0



#54

o-xylene

Concen: 87.274 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. 0.00 min

Lab File: VV007523.D

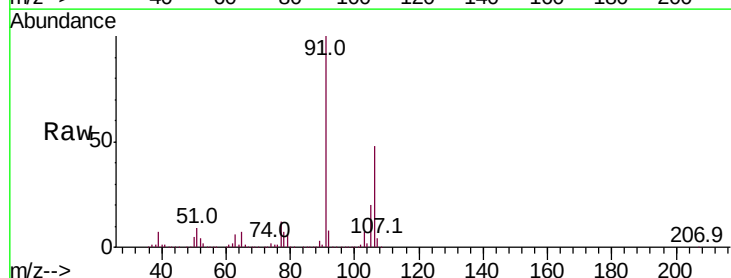
Acq: 13 Sep 2018 21:31

Tgt Ion:106 Resp: 1274169

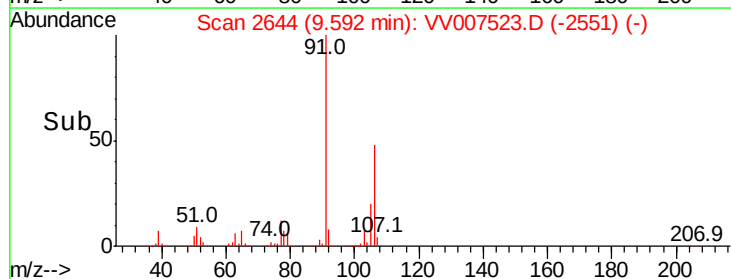
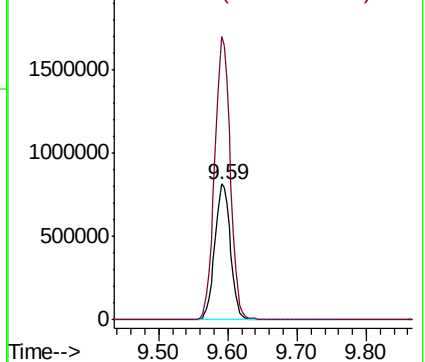
Ion Ratio Lower Upper

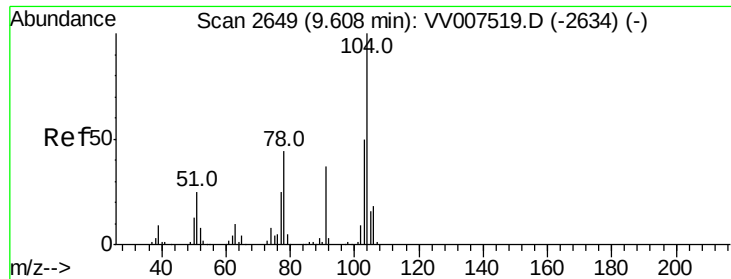
106 100

91 208.1 147.6 274.0



Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0





#55

Stvrene

Concen: 2.845 ug/L

RT: 9.59 min Scan# 2644

Delta R.T. -0.02 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

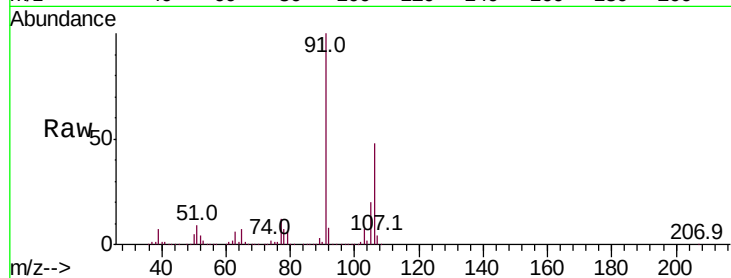
Instrument :
MSVOA_V
ClientSampled :

Tot Ion:104 Resp: 67652

Ion Ratio Lower Upper

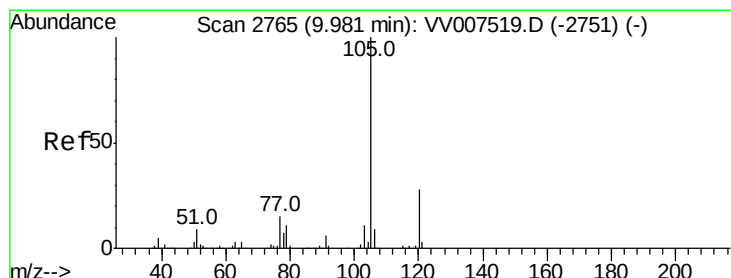
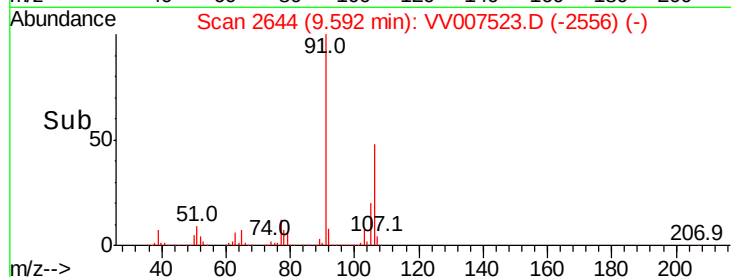
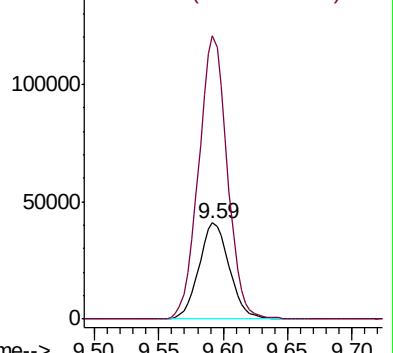
104 100

78 294.0 29.5 54.7#



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0



#56

Isopropylbenzene

Concen: 5.777 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. -0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

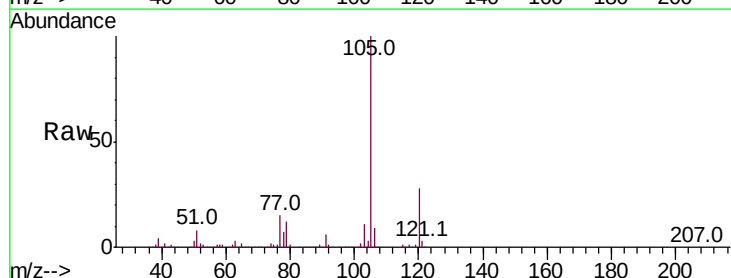
Tgt Ion:105 Resp: 228996

Ion Ratio Lower Upper

105 100

120 27.9 22.2 33.2

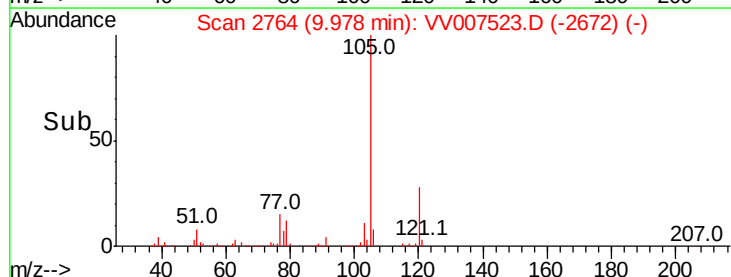
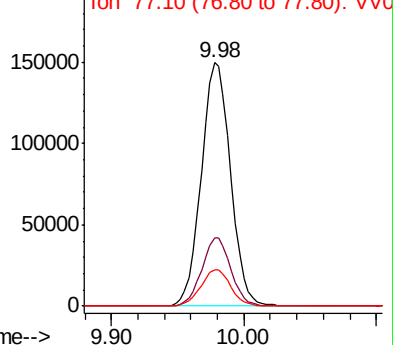
77 14.9 12.2 18.4

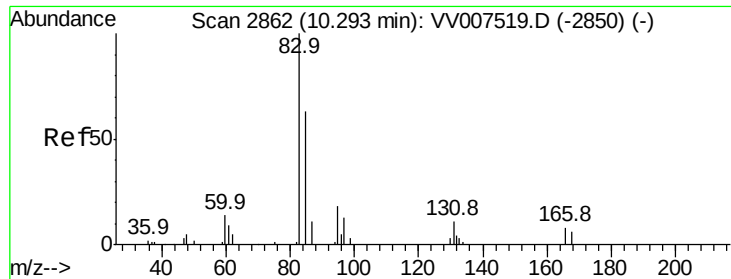


Abundance Ion 105.05 (104.75 to 105.75): V

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: 0.388 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :

MSVOA_V

ClientSampled :

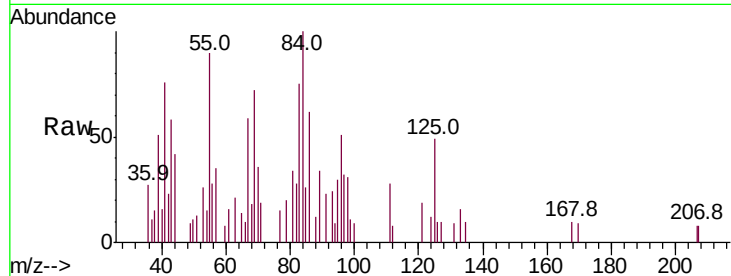
Tot Ion: 83 Resp: 2070

Ion Ratio Lower Upper

83 100

85 34.1 43.6 81.0#

131 12.1 9.2 13.8

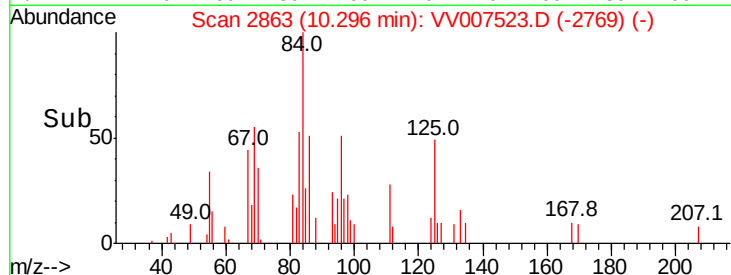


Abundance Ion 82.95 (82.65 to 83.65): VV007519.D (-2850) (-)

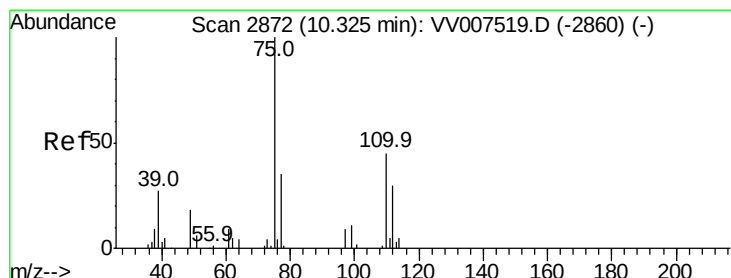
Ion 85.00 (84.70 to 85.70): VV007519.D (-2850) (-)

Ion 130.95 (130.65 to 131.65): VV007519.D (-2850) (-)

Time-->



Time-->



#59

1,2,3-Trichloropropane

Concen: 0.358 ug/L

RT: 10.32 min Scan# 2871

Delta R.T. -0.00 min

Lab File: VV007523.D

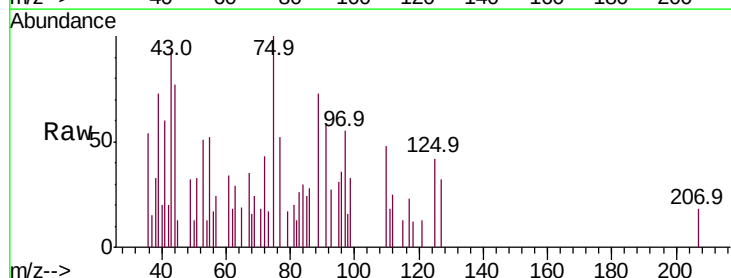
Acq: 13 Sep 2018 21:31

Tgt Ion: 75 Resp: 1596

Ion Ratio Lower Upper

75 100

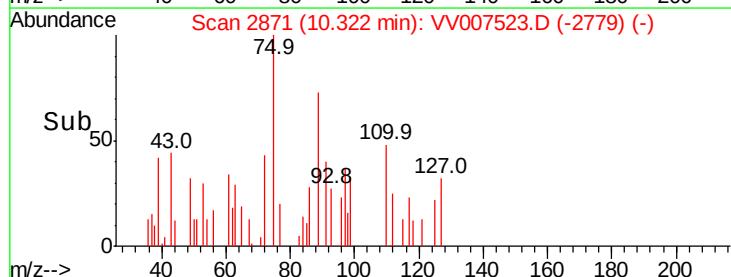
77 62.2 25.0 37.6#



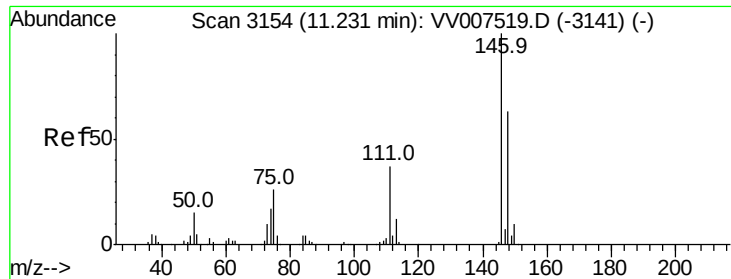
Abundance Ion 75.00 (74.70 to 75.70): VV007519.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV007519.D (-2860) (-)

Time-->



Time-->



#62

1,3-Dichlorobenzene

Concen: 0.112 ug/L

RT: 11.23 min Scan# 3154

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :

MSVOA_V

ClientSampled :

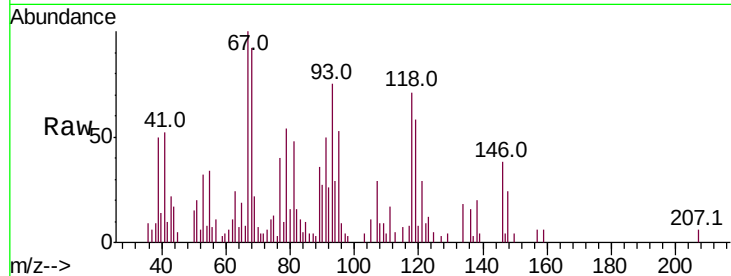
Tot Ion:146 Resp: 2259

Ion Ratio Lower Upper

146 100

111 44.7 25.3 47.1

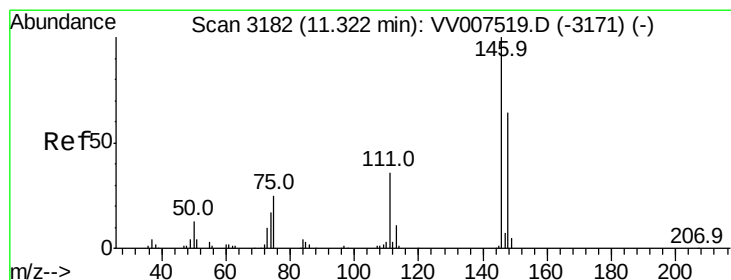
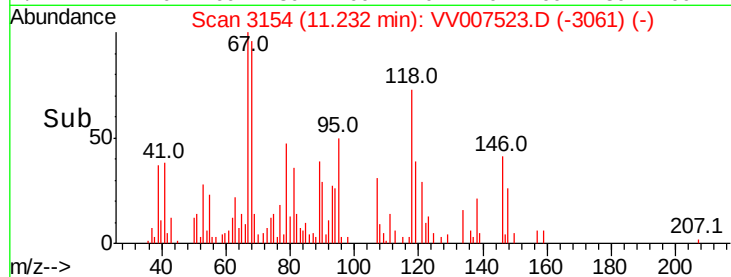
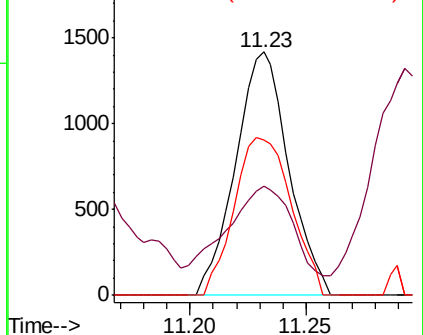
148 64.0 44.6 82.8



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



#63

1,4-Dichlorobenzene

Concen: 0.096 ug/L

RT: 11.32 min Scan# 3183

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

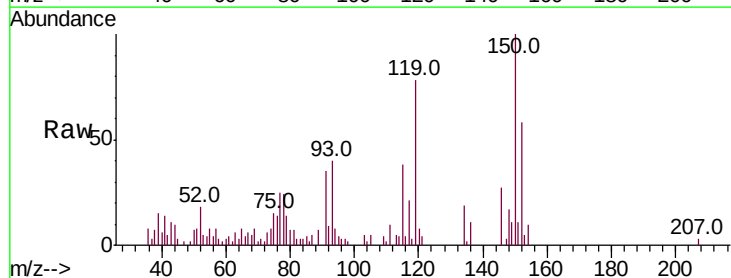
Tgt Ion:146 Resp: 1939

Ion Ratio Lower Upper

146 100

111 37.3 24.5 45.5

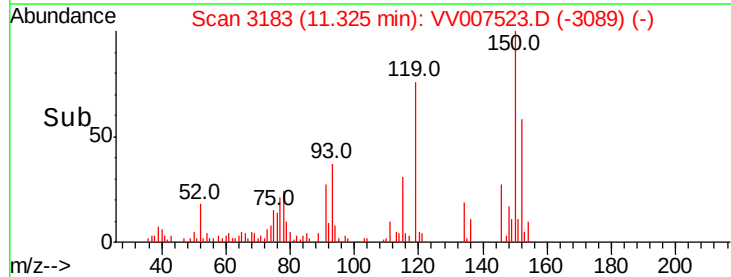
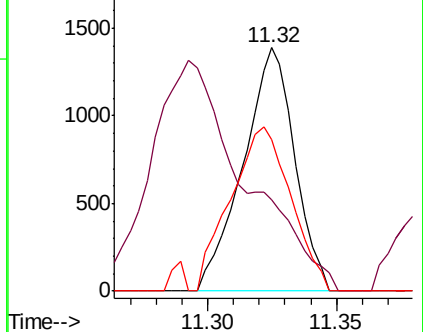
148 62.1 45.1 83.9

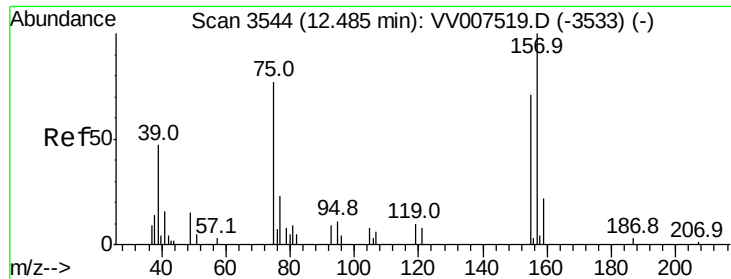


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

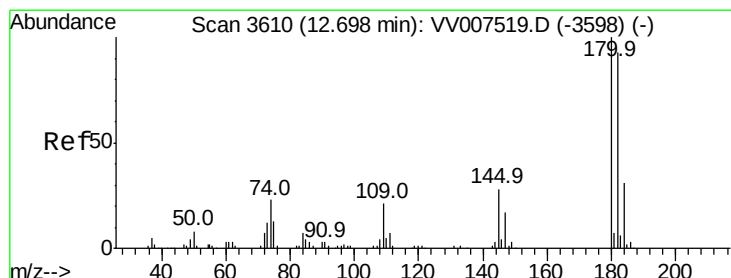
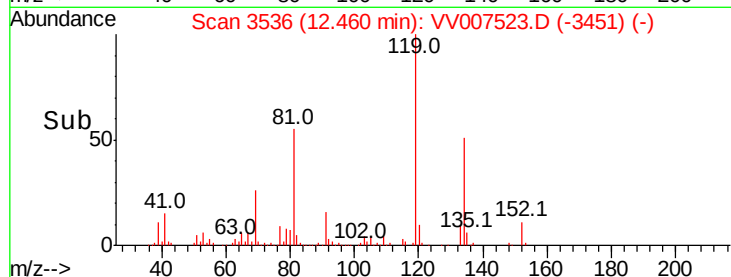
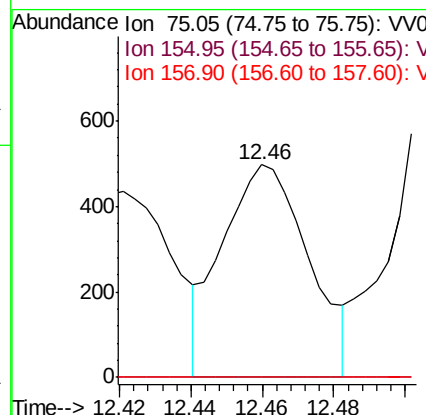
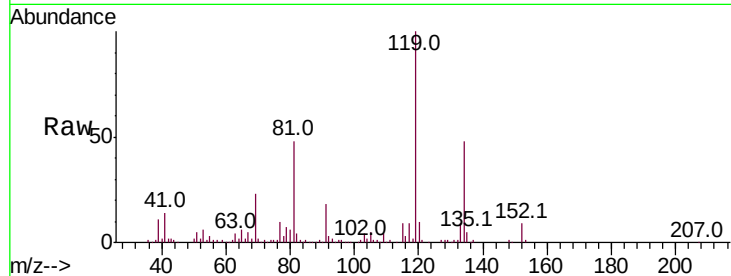




#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.860 ug/L
 RT: 12.46 min Scan# 3536
 Delta R.T. -0.03 min
 Lab File: VV007523.D
 Acq: 13 Sep 2018 21:31

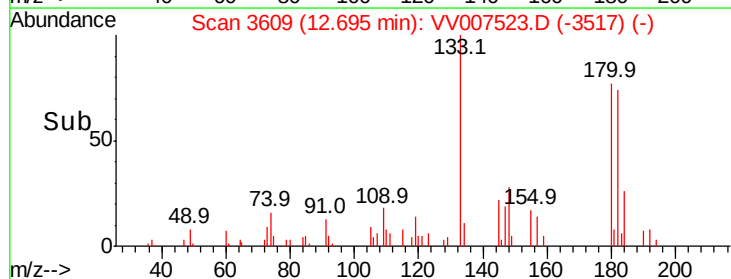
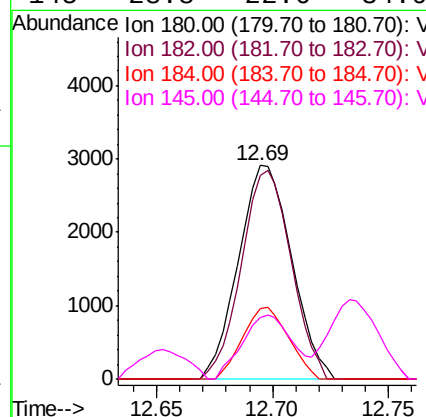
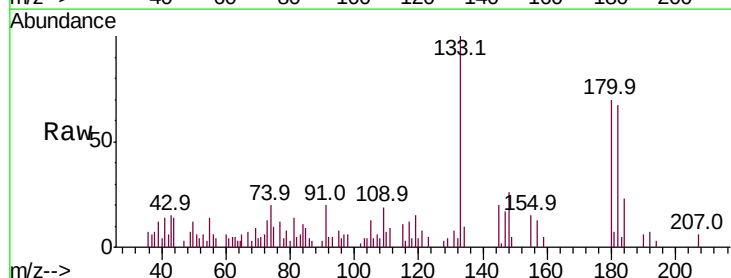
Instrument :
 MSVOA_V
 ClientSampleId :

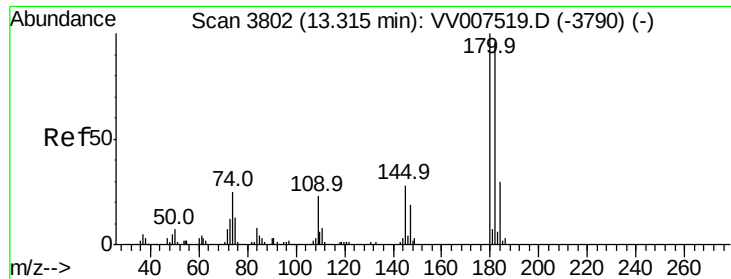
Tot Ion: 75 Resp: 833
 Ion Ratio Lower Upper
 75 100
 155 0.0 74.6 111.8#
 157 0.0 97.4 146.2#



#67
 1,3,5-Trichlorobenzene
 Concen: 0.294 ug/L
 RT: 12.69 min Scan# 3609
 Delta R.T. -0.00 min
 Lab File: VV007523.D
 Acq: 13 Sep 2018 21:31

Tgt Ion: 180 Resp: 4635
 Ion Ratio Lower Upper
 180 100
 182 91.3 76.1 114.1
 184 29.1 24.0 36.0
 145 28.8 22.6 34.0





#68

1,2,4-trichlorobenzene

Concen: 0.206 ug/L

RT: 13.32 min Scan# 3802

Delta R.T. 0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

Instrument :

MSVOA_V

ClientSampleId :

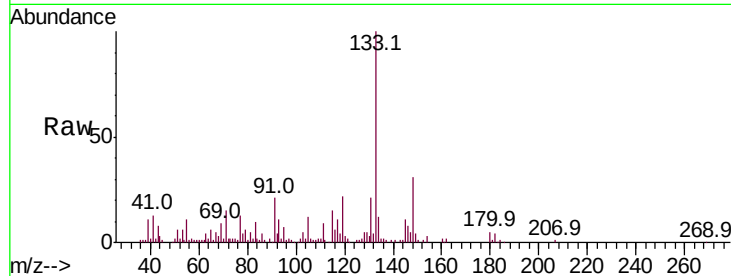
Tot Ion:180 Resp: 2340

Ion Ratio Lower Upper

180 100

182 83.1 77.8 116.8

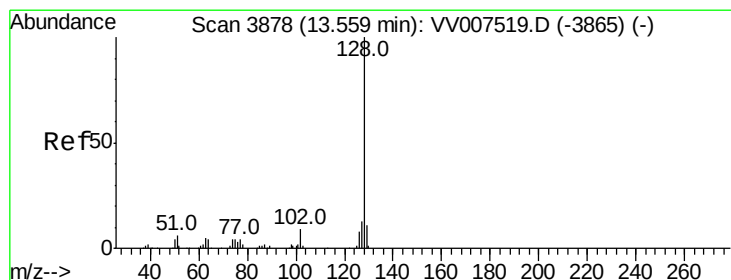
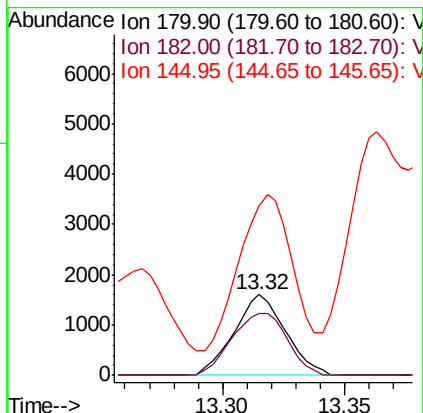
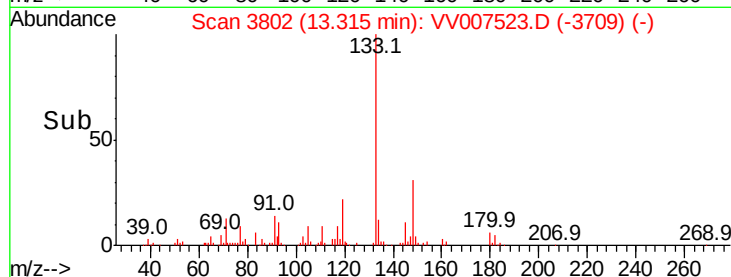
145 195.7 22.5 33.7#



Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V



#69

Naphthalene

Concen: 467.620 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. -0.00 min

Lab File: VV007523.D

Acq: 13 Sep 2018 21:31

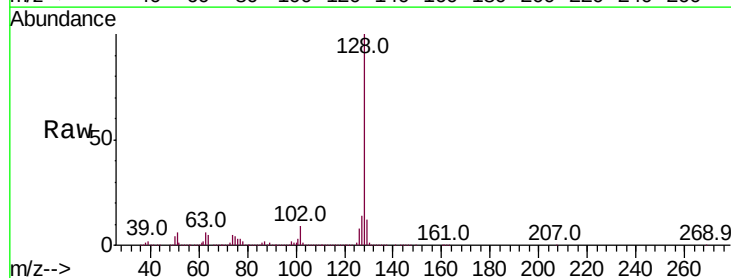
Tgt Ion:128 Resp: 6434910

Ion Ratio Lower Upper

128 100

129 11.5 8.5 12.7

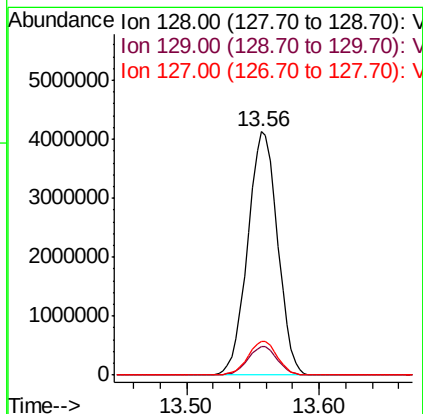
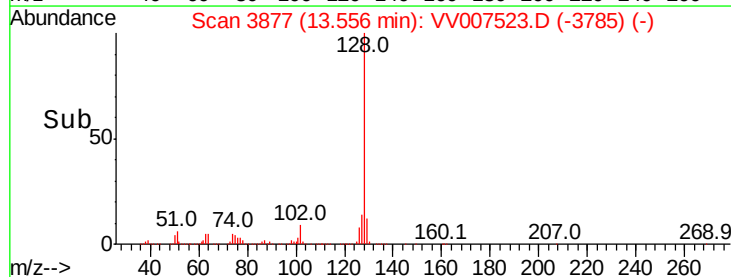
127 13.7 10.5 15.7

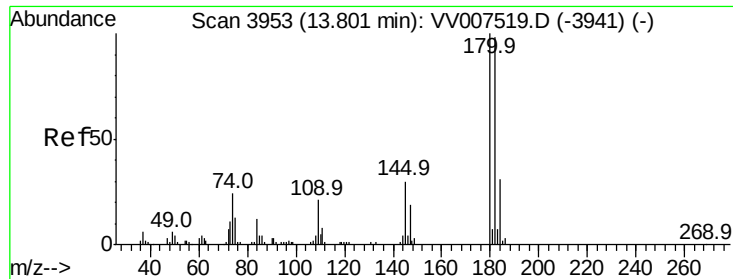


Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

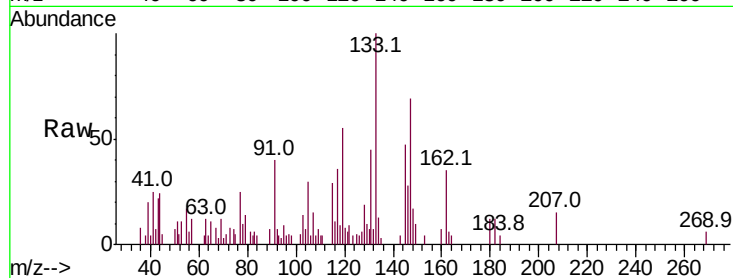




#70
 1,2,3-Trichlorobenzene
 Concen: 0.058 ug/L
 RT: 13.80 min Scan# 3953
 Delta R.T. 0.00 min
 Lab File: VV007523.D
 Acq: 13 Sep 2018 21:31

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:180 Resp: 597
 Ion Ratio Lower Upper
 180 100
 182 73.5 75.5 113.3#
 145 4087.1 23.4 35.0#



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 181.90 (181.60 to 182.60): V
 Ion 144.95 (144.65 to 145.65): V

