

Data File : VV007875.D
Acq On : 26 Sep 2018 00:14
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Quant Time: Sep 26 05:02:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 26 04:58:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	201704	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202245	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	113715	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56583	44.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.50%
7) Chloroethane-d5	1.59	69	51980	47.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.22%
11) 1,1-Dichloroethene-d2	2.14	63	128517	47.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.40%
21) 2-Butanone-d5	3.95	46	98167	115.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	4.41	84	129203	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.40%
26) 1,2-Dichloroethane-d4	5.09	65	91875	49.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.12%
32) Benzene-d6	5.11	84	255028	47.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.16%
36) 1,2-Dichloropropane-d6	6.13	67	79887	47.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.20%
41) Toluene-d8	7.36	98	260371	47.69	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.38%
43) trans-1,3-Dichloropropene-	7.67	79	36797	45.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.14%
47) 2-Hexanone-d5	8.14	63	77070	107.59	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.59%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	122358	48.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.74%
64) 1,2-Dichlorobenzene-d4	11.68	152	117942	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	72435	49.721	ug/L 100
3) Chloromethane	1.26	50	67854	49.316	ug/L 100
5) Vinyl chloride	1.33	62	72593	49.156	ug/L 98
6) Bromomethane	1.53	94	41240	50.427	ug/L 98
8) Chloroethane	1.60	64	46100	50.047	ug/L 98
9) Trichlorofluoromethane	1.78	101	123385	49.863	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	68424	49.479	ug/L 99
12) 1,1-Dichloroethene	2.15	96	61729	49.740	ug/L 97
13) Acetone	2.19	43	70061	68.245	ug/L 98
14) Carbon disulfide	2.33	76	157244	48.565	ug/L 99
15) Methyl Acetate	2.46	43	77869	51.706	ug/L 99
16) Methylene chloride	2.54	84	69534	50.633	ug/L 99
17) trans-1,2-Dichloroethene	2.80	96	68069	51.411	ug/L 96
18) Methyl tert-butyl Ether	2.81	73	209782	50.853	ug/L 100
19) 1,1-Dichloroethane	3.24	63	115401	50.790	ug/L 99
20) cis-1,2-Dichloroethene	3.97	96	71230	49.651	ug/L 96
22) 2-Butanone	4.04	43	105013	89.266	ug/L 96

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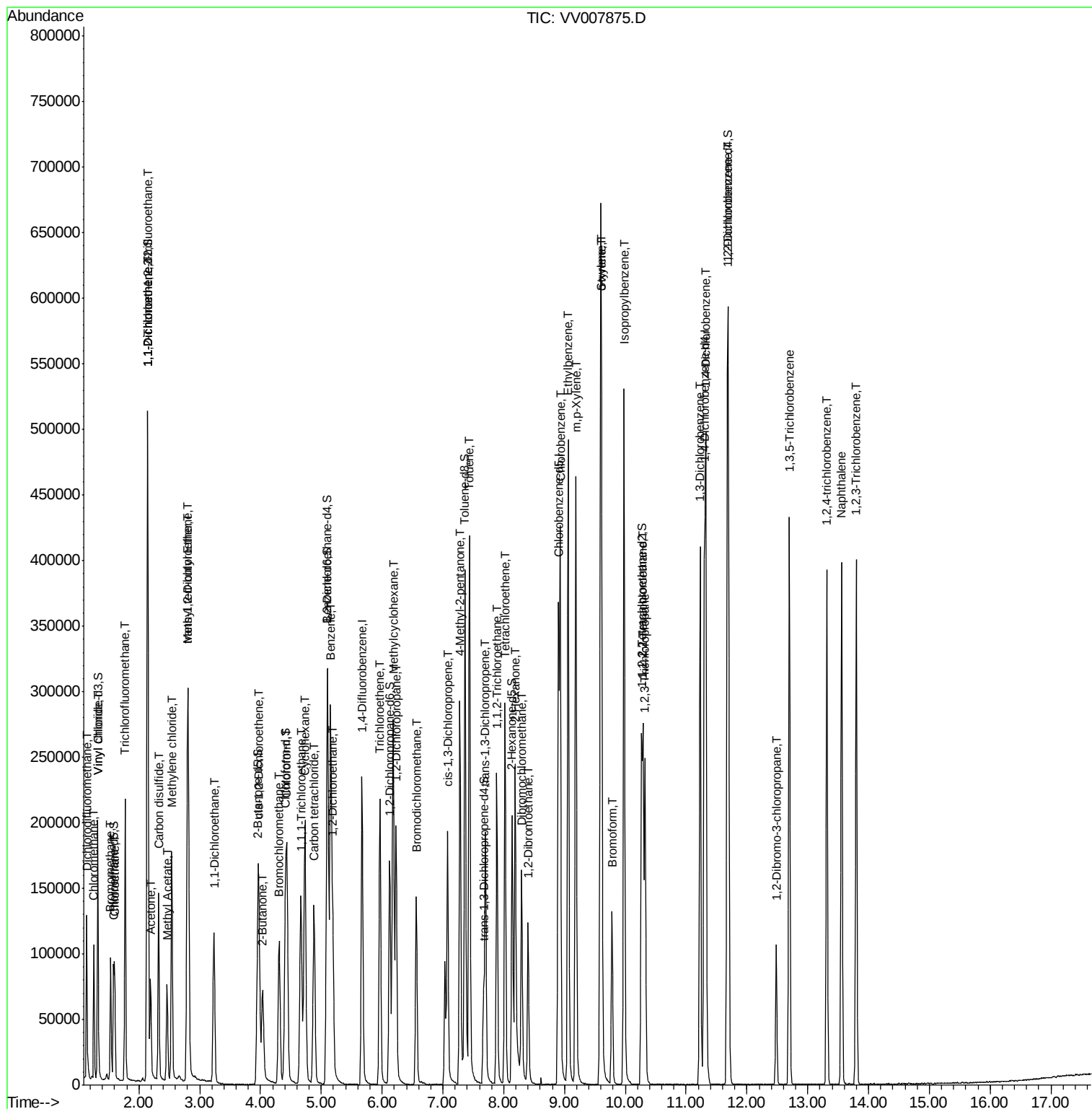
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	38378	51.418	ug/L	98
25) Chloroform	4.44	83	135992	50.429	ug/L	98
27) 1,2-Dichloroethane	5.19	62	108035	50.547	ug/L	100
29) Cyclohexane	4.73	56	104234	48.193	ug/L	100
30) 1,1,1-Trichloroethane	4.67	97	115842	50.572	ug/L	99
31) Carbon tetrachloride	4.88	117	100065	49.445	ug/L	97
33) Benzene	5.15	78	275613	50.678	ug/L	100
34) Trichloroethene	5.96	95	74605	49.453	ug/L	99
35) Methylcyclohexane	6.18	83	114502	48.380	ug/L	99
37) 1,2-Dichloropropane	6.23	63	72163	49.755	ug/L	99
38) Bromodichloromethane	6.56	83	92626	50.460	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	108854	51.698	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	218086	106.404	ug/L	98
42) Toluene	7.44	91	308315	50.317	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	104467	49.918	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	73241	50.533	ug/L	100
46) Tetrachloroethene	8.02	164	68455	47.222	ug/L	99
48) 2-Hexanone	8.19	43	165461	102.141	ug/L	99
49) Dibromochloromethane	8.30	129	79993	50.475	ug/L	97
50) 1,2-Dibromoethane	8.40	107	79087	50.747	ug/L	95
51) Chlorobenzene	8.93	112	218288	51.468	ug/L	99
52) Ethylbenzene	9.06	91	349009	50.424	ug/L	100
53) m,p-Xylene	9.19	106	133547	50.643	ug/L	98
54) o-xylene	9.59	106	130916	51.107	ug/L	99
55) Styrene	9.61	104	228565	52.093	ug/L	100
56) Isopropylbenzene	9.98	105	354413	50.760	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	121694	51.377	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	97453	50.473	ug/L	100
61) Bromoform	9.78	173	59712	49.794	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	176485	49.602	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	189608	50.148	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	189038	51.199	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	24505	50.726	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	143219	47.746	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	125902	49.747	ug/L	99
69) Naphthalene	13.56	128	316324	51.094	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	128494	50.144	ug/L	100

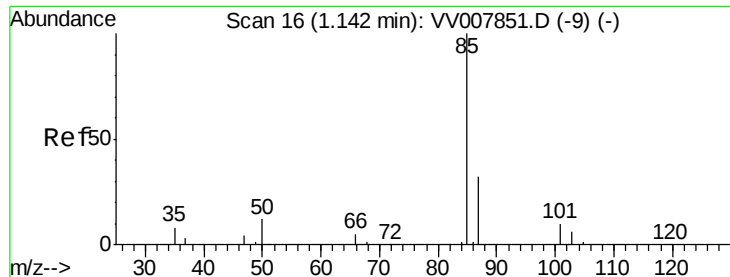
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 49.721 ug/L

RT: 1.14 min Scan# 16

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

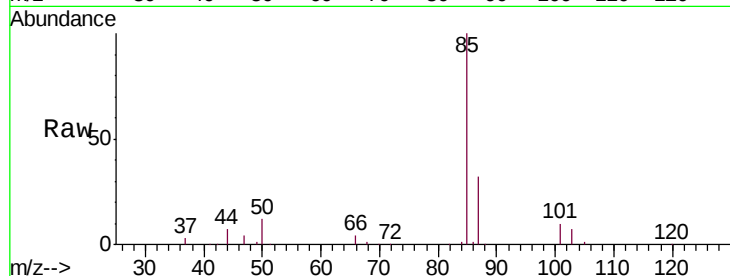
VSTD05077

Tgt Ion: 85 Resp: 72435

Ion Ratio Lower Upper

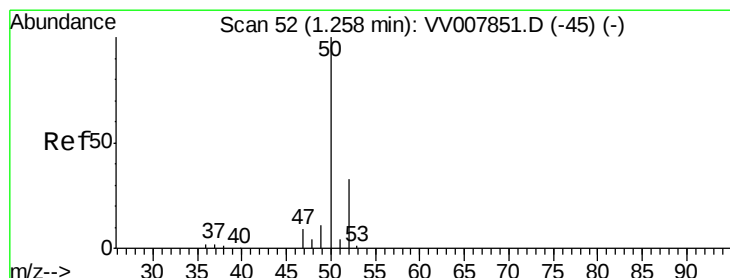
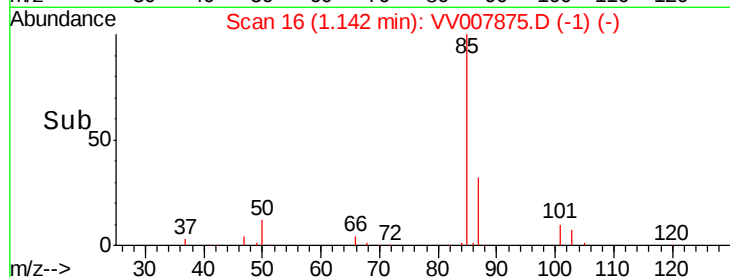
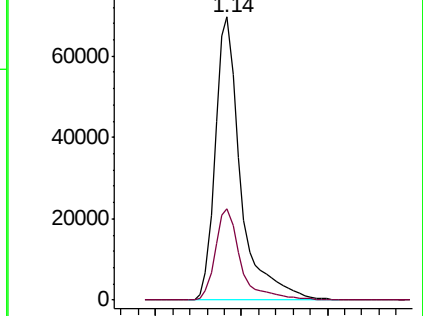
85 100

87 32.4 25.8 38.8



Abundance Ion 85.00 (84.70 to 85.70): VV007851.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VV007851.D (-9) (-)



#3

Chloromethane

Concen: 49.316 ug/L

RT: 1.26 min Scan# 52

Delta R.T. -0.00 min

Lab File: VV007875.D

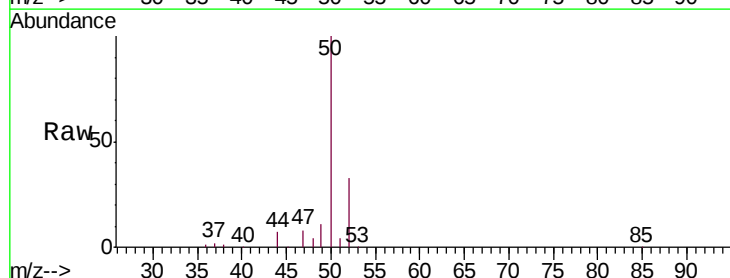
Acq: 26 Sep 2018 00:14

Tgt Ion: 50 Resp: 67854

Ion Ratio Lower Upper

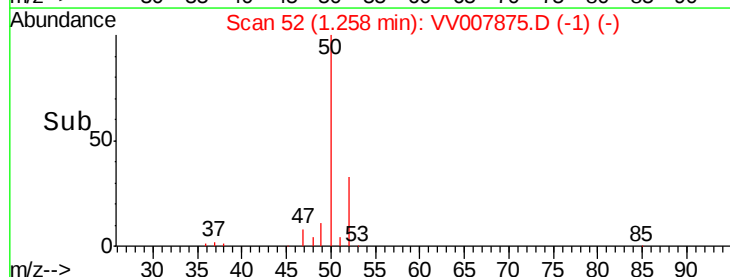
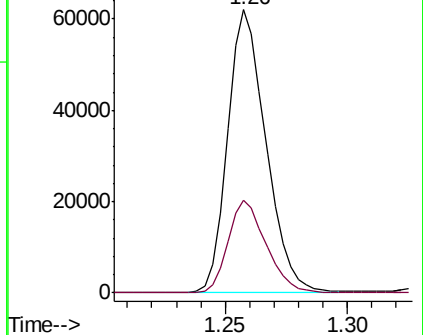
50 100

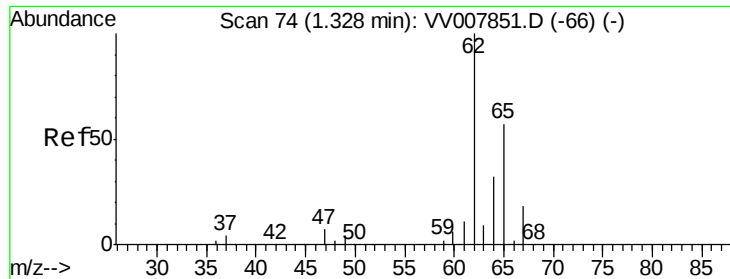
52 32.7 23.0 42.6



Abundance Ion 50.00 (49.70 to 50.70): VV007851.D (-45) (-)

Ion 52.00 (51.70 to 52.70): VV007851.D (-45) (-)





#5

Vinyl chloride

Concen: 49.156 ug/L

RT: 1.33 min Scan# 73

Delta R.T. -0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

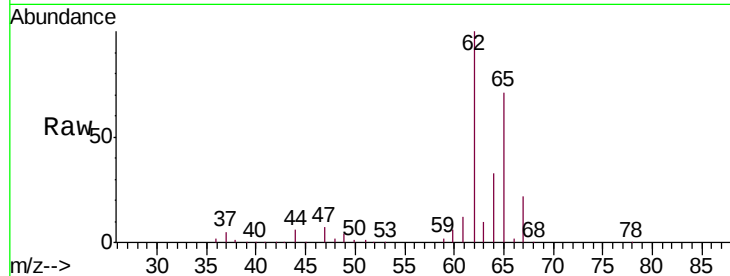
VSTD05077

Tgt Ion: 62 Resp: 72593

Ion Ratio Lower Upper

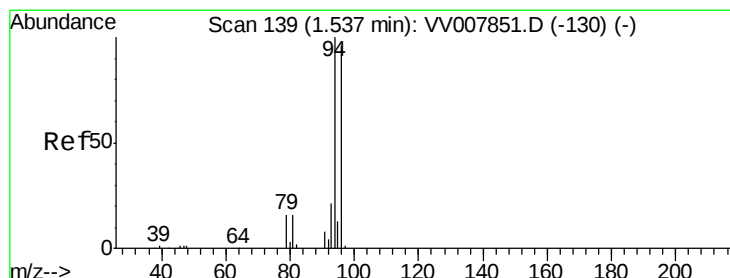
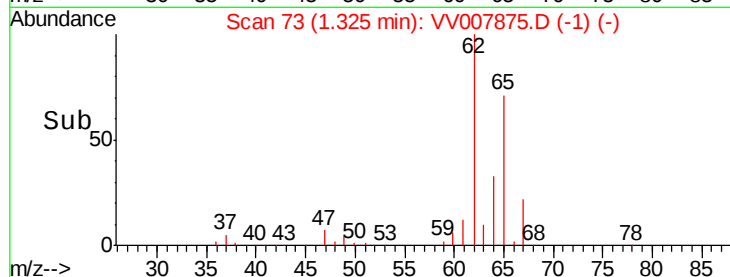
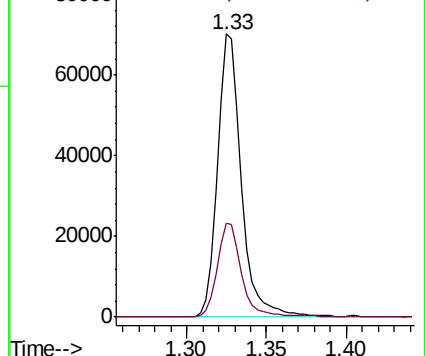
62 100

64 33.4 22.7 42.1



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 50.427 ug/L

RT: 1.53 min Scan# 138

Delta R.T. -0.00 min

Lab File: VV007875.D

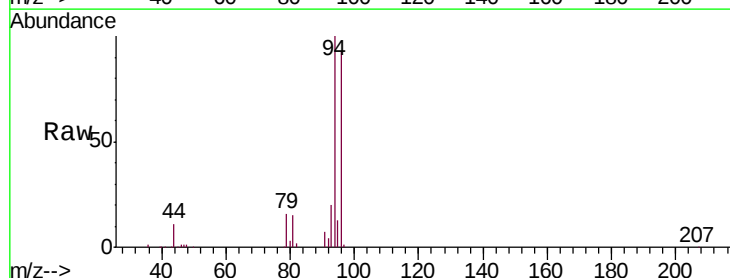
Acq: 26 Sep 2018 00:14

Tgt Ion: 94 Resp: 41240

Ion Ratio Lower Upper

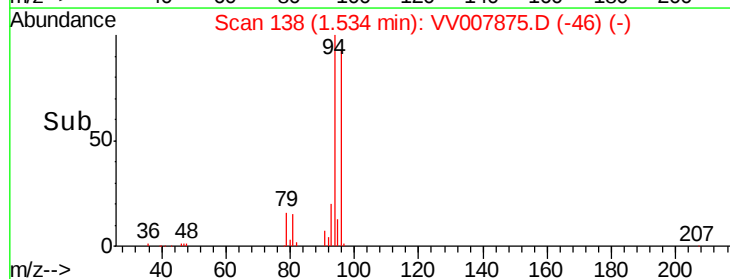
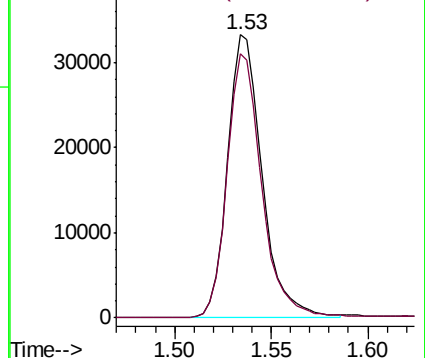
94 100

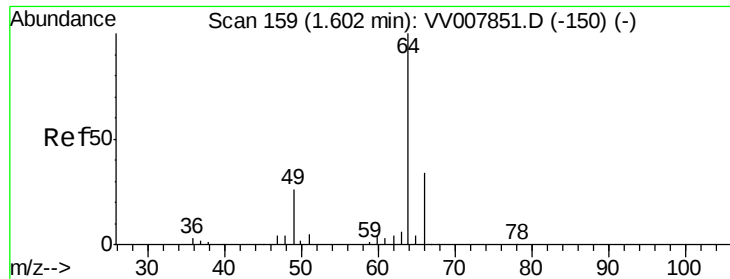
96 93.2 66.9 124.3



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 50.047 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

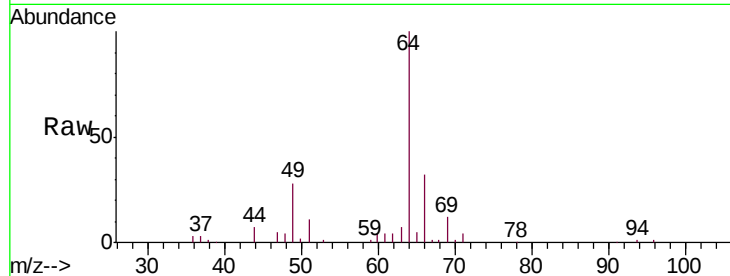
VSTD05077

Tgt Ion: 64 Resp: 46100

Ion Ratio Lower Upper

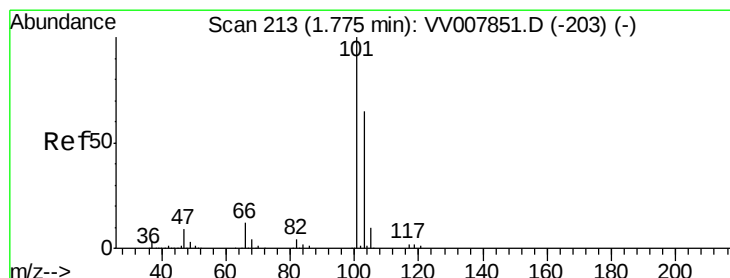
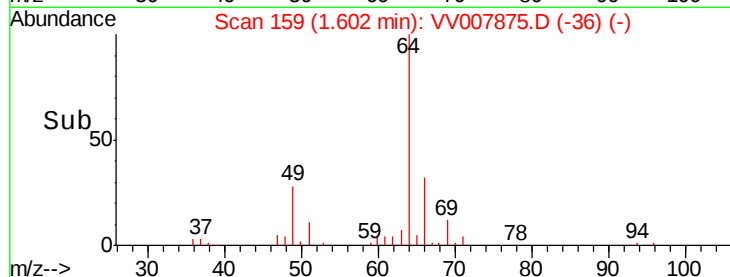
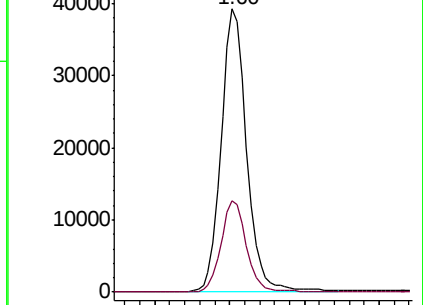
64 100

66 32.4 23.4 43.6



Abundance Ion 64.00 (63.70 to 64.70): VV007875.D (-150) (-)

Ion 66.00 (65.70 to 66.70): VV007875.D (-150) (-)



#9

Trichlorofluoromethane

Concen: 49.863 ug/L

RT: 1.78 min Scan# 213

Delta R.T. 0.00 min

Lab File: VV007875.D

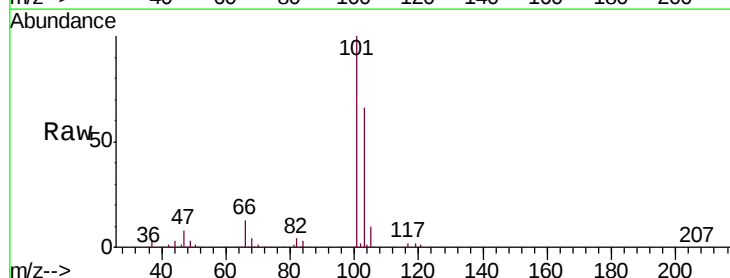
Acq: 26 Sep 2018 00:14

Tgt Ion: 101 Resp: 123385

Ion Ratio Lower Upper

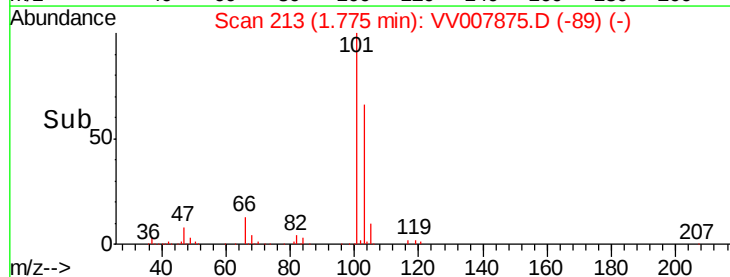
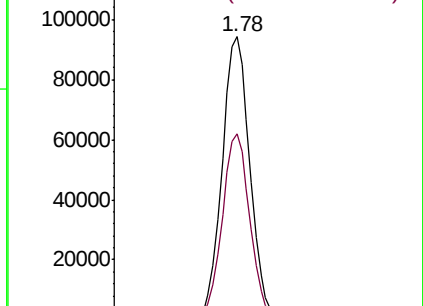
101 100

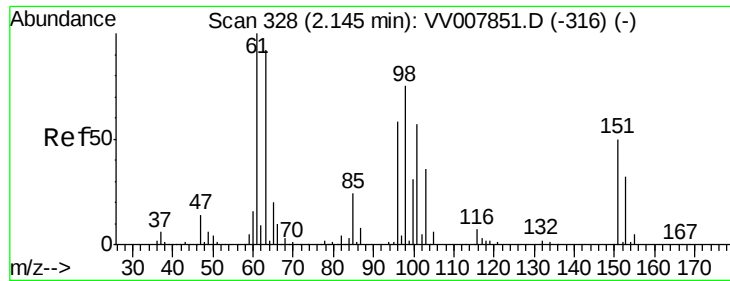
103 65.6 52.4 78.6



Abundance Ion 101.00 (100.70 to 101.70): VV007875.D (-203) (-)

Ion 103.00 (102.70 to 103.70): VV007875.D (-203) (-)





#10

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

Concen: 49.479 ug/L

RT: 2.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VV007875.D

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ClientSampleId :

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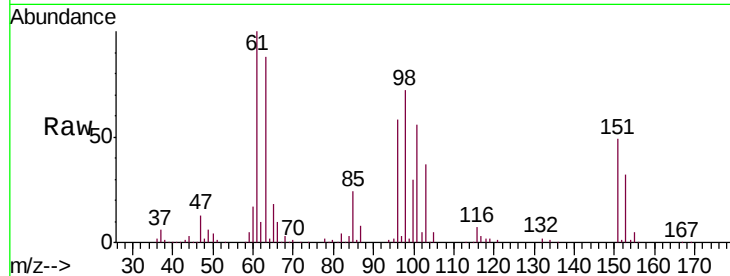
Tgt Ion:101 Resp: 68424

Ion Ratio Lower Upper

101 100

85 42.1 34.2 51.2

151 87.5 69.7 104.5



Abundance Ion 101.00 (100.70 to 101.70): VV007875.D (-235) (-)

Ion 85.00 (84.70 to 85.70): VV007875.D (-235) (-)

Ion 151.00 (150.70 to 151.70): VV007875.D (-235) (-)

Time-->

2.05 2.10 2.15 2.20 2.25

2.15

40000

30000

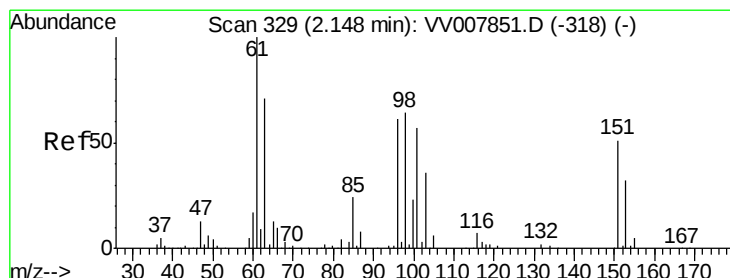
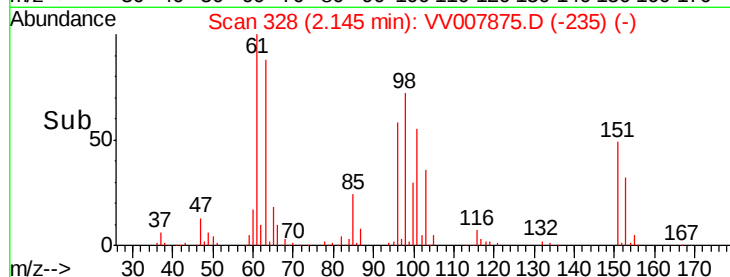
20000

10000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#12

1,1-Dichloroethene

Concen: 49.740 ug/L

RT: 2.15 min Scan# 329

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

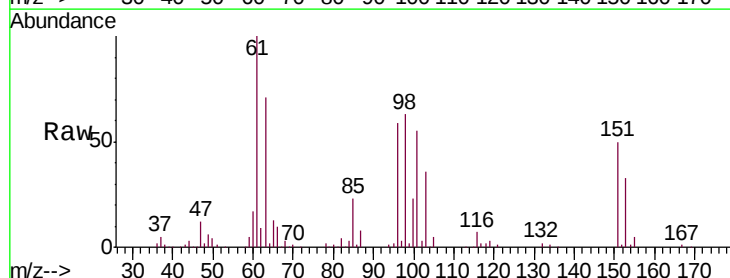
Tgt Ion: 96 Resp: 61729

Ion Ratio Lower Upper

96 100

61 169.4 116.1 215.7

63 120.8 86.5 160.7



Abundance Ion 96.00 (95.70 to 96.70): VV007875.D (-236) (-)

Ion 61.00 (60.70 to 61.70): VV007875.D (-236) (-)

Ion 63.00 (62.70 to 63.70): VV007875.D (-236) (-)

Time-->

2.10 2.15 2.20

2.15

100000

80000

60000

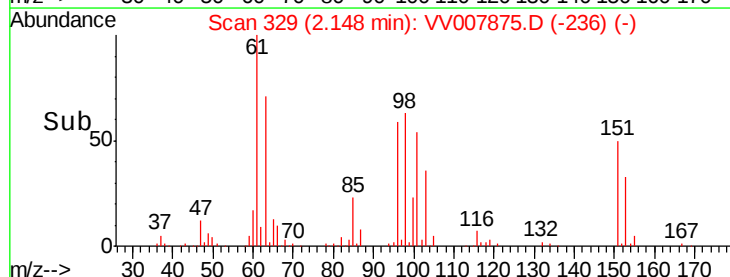
40000

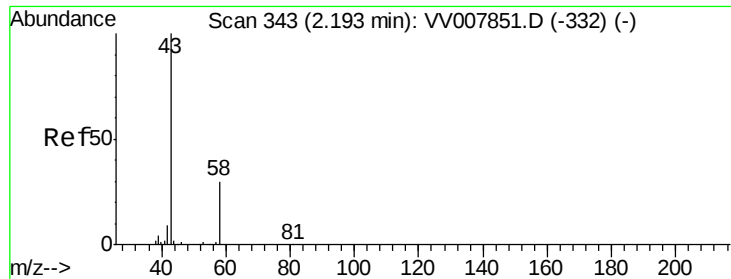
20000

0

Time-->

2.10 2.15 2.20





#13

Acetone

Concen: 68.245 ug/L

RT: 2.19 min Scan# 343

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

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MSVOA_V

ClientSampleId :

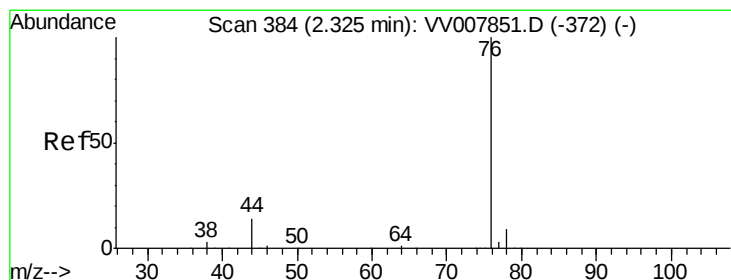
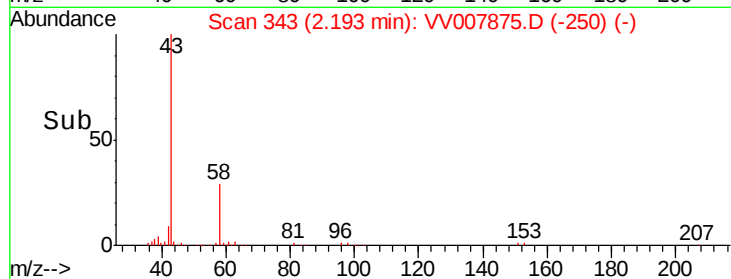
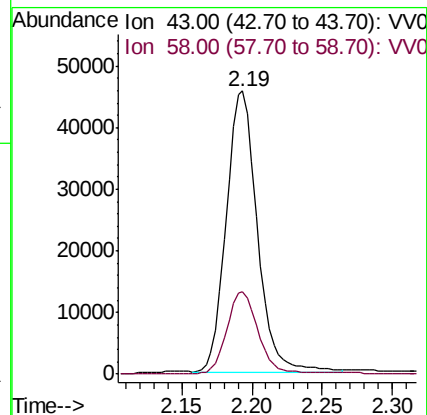
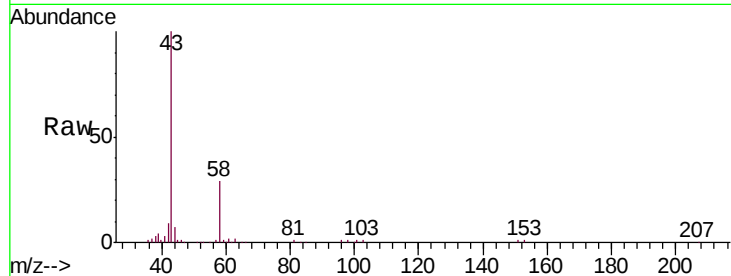
VSTD05077

Tgt Ion: 43 Resp: 70061

Ion Ratio Lower Upper

43 100

58 28.8 0.0 59.4



#14

Carbon disulfide

Concen: 48.565 ug/L

RT: 2.33 min Scan# 384

Delta R.T. 0.00 min

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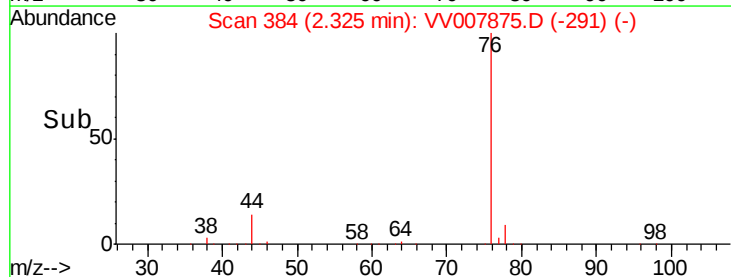
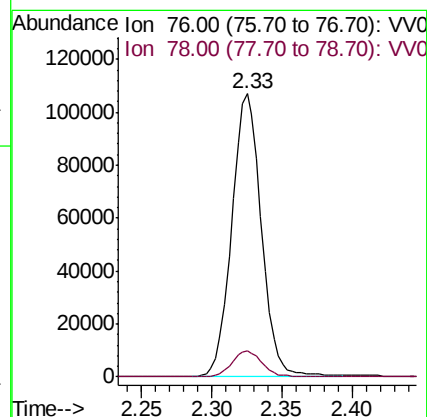
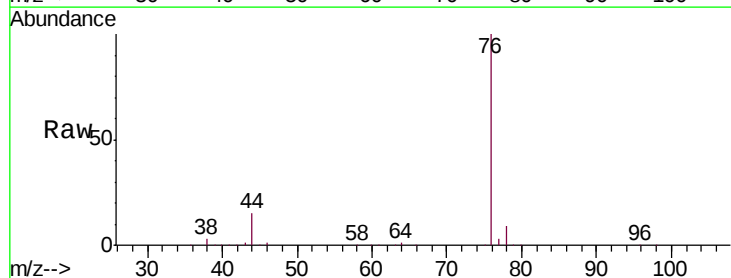
Acq: 26 Sep 2018 00:14

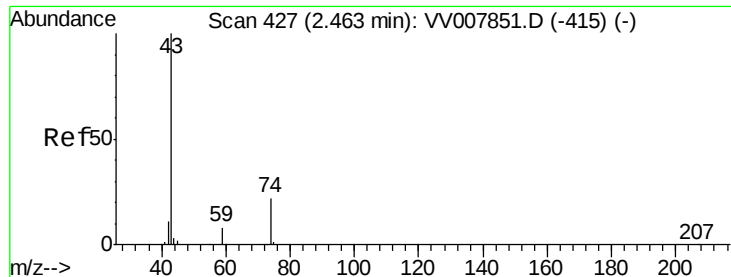
Tgt Ion: 76 Resp: 157244

Ion Ratio Lower Upper

76 100

78 9.1 7.6 11.4

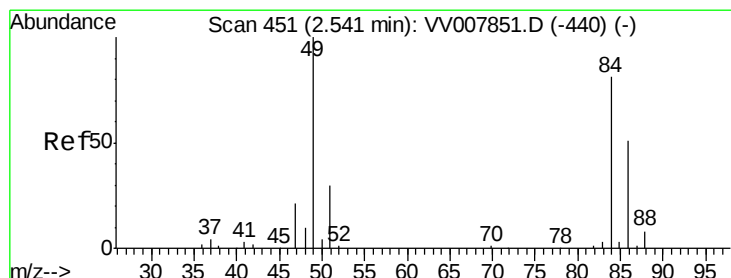
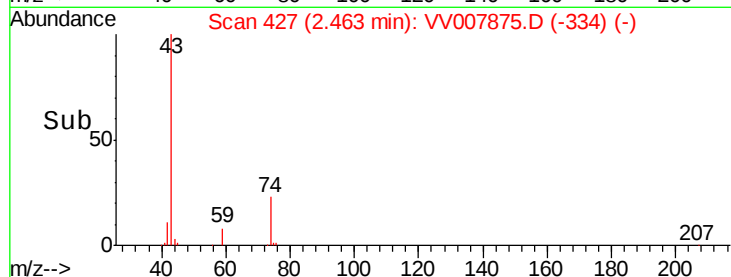
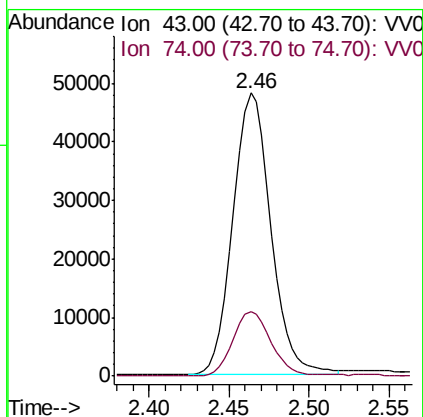
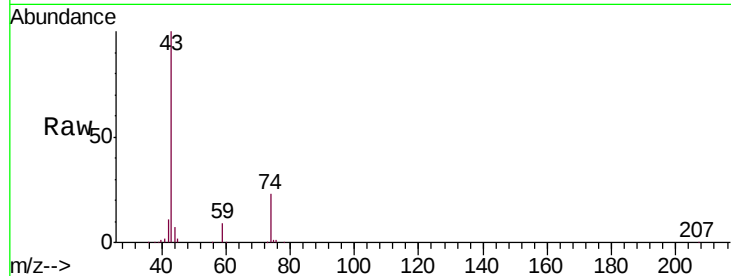




#15
Methyl Acetate
Concen: 51.706 ug/L
RT: 2.46 min Scan# 427
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

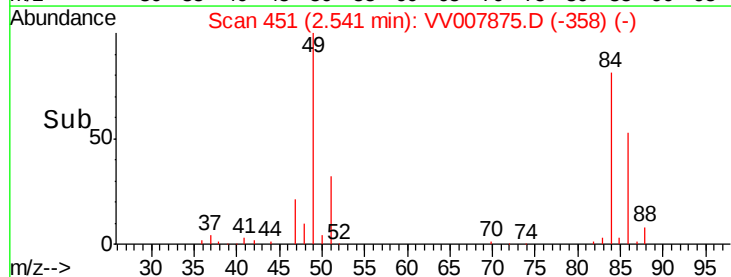
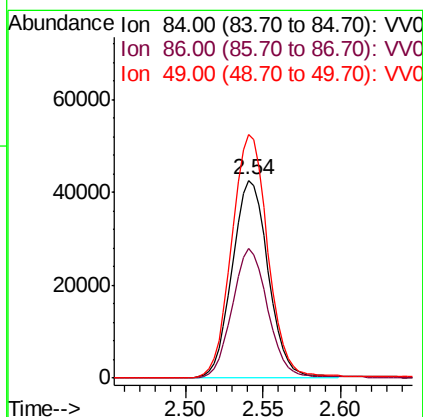
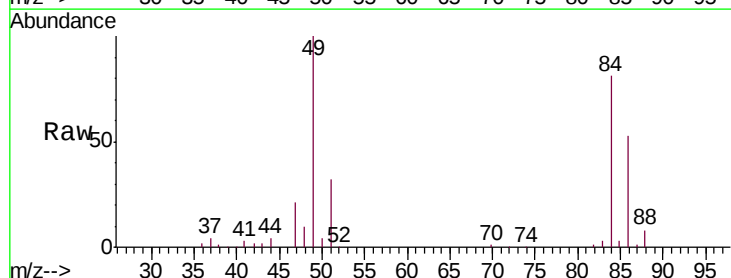
Instrument :
MSVOA_V
ClientSampled :
VSTD05077

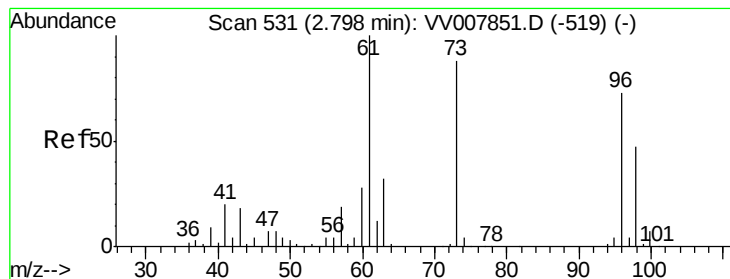
Tgt Ion: 43 Resp: 77869
Ion Ratio Lower Upper
43 100
74 23.4 18.2 27.4



#16
Methylene chloride
Concen: 50.633 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

Tgt Ion: 84 Resp: 69534
Ion Ratio Lower Upper
84 100
86 65.3 44.4 82.4
49 123.0 86.8 161.2





#17

trans-1,2-Dichloroethene

Concen: 51.411 ug/L

RT: 2.80 min Scan# 531

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

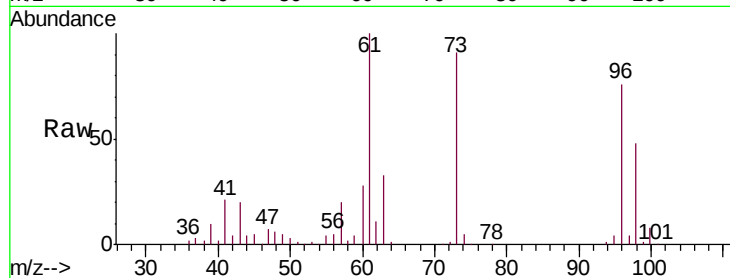
Tgt Ion: 96 Resp: 68069

Ion Ratio Lower Upper

96 100

61 132.4 96.8 179.8

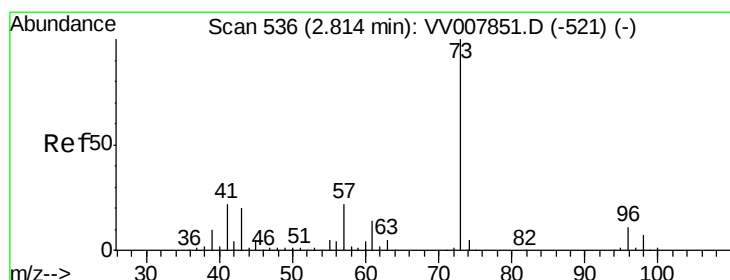
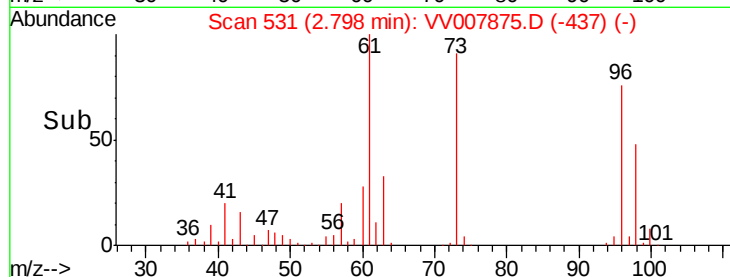
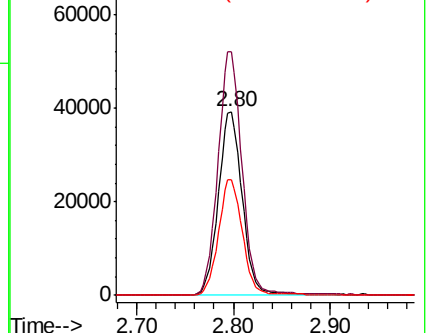
98 63.0 44.9 83.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 98.00 (97.70 to 98.70): VV0



#18

Methyl tert-butyl Ether

Concen: 50.853 ug/L

RT: 2.81 min Scan# 536

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

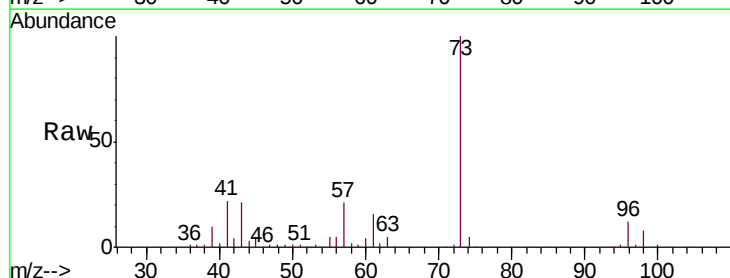
Tgt Ion: 73 Resp: 209782

Ion Ratio Lower Upper

73 100

43 20.6 16.2 24.4

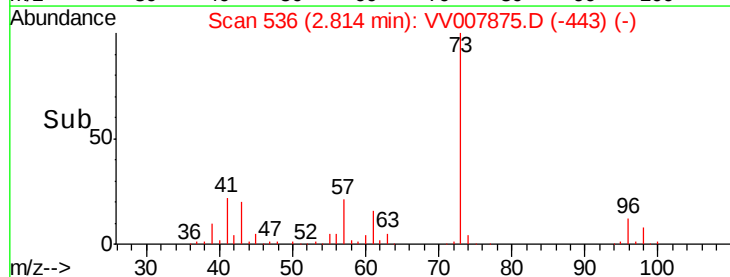
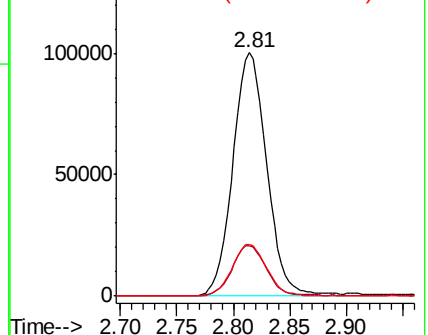
57 21.6 17.1 25.7

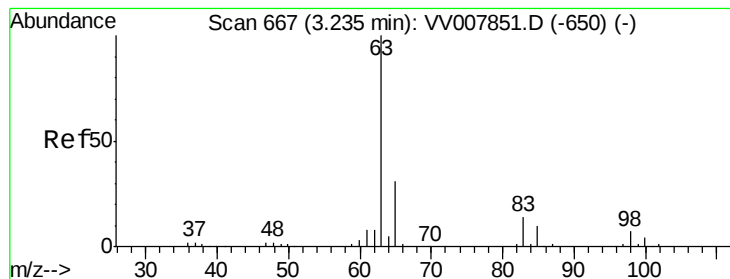


Abundance Ion 73.00 (72.70 to 73.70): VV0

Ion 43.00 (42.70 to 43.70): VV0

Ion 57.00 (56.70 to 57.70): VV0





#19

1,1-Dichloroethane

Concen: 50.790 ug/L

RT: 3.24 min Scan# 667

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

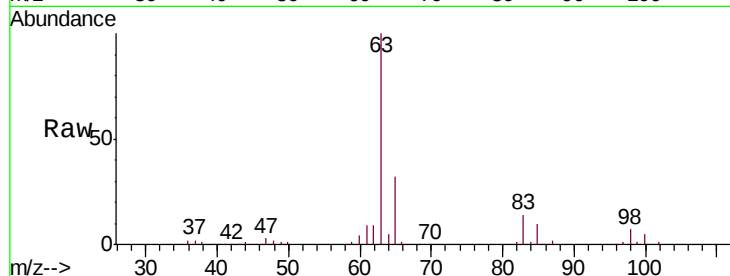
Tgt Ion: 63 Resp: 115401

Ion Ratio Lower Upper

63 100

65 31.9 21.9 40.7

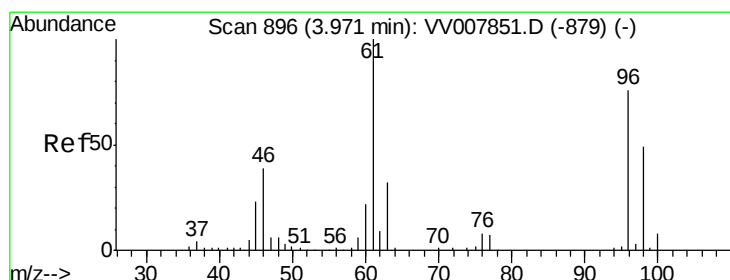
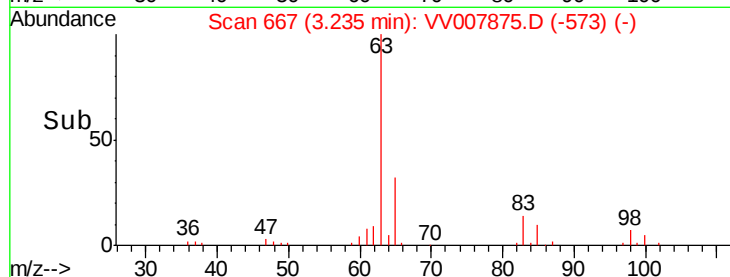
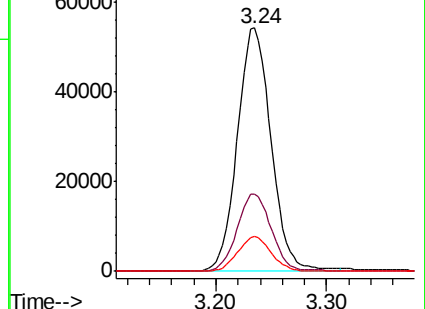
83 14.2 9.7 18.1



Abundance Ion 63.00 (62.70 to 63.70): VV007875.D (-650) (-)

Ion 65.00 (64.70 to 65.70): VV007875.D (-650) (-)

Ion 83.00 (82.70 to 83.70): VV007875.D (-650) (-)



#20

cis-1,2-Dichloroethene

Concen: 49.651 ug/L

RT: 3.97 min Scan# 896

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

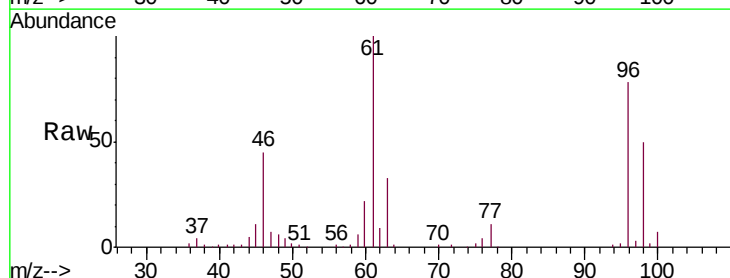
Tgt Ion: 96 Resp: 71230

Ion Ratio Lower Upper

96 100

61 127.7 92.6 172.0

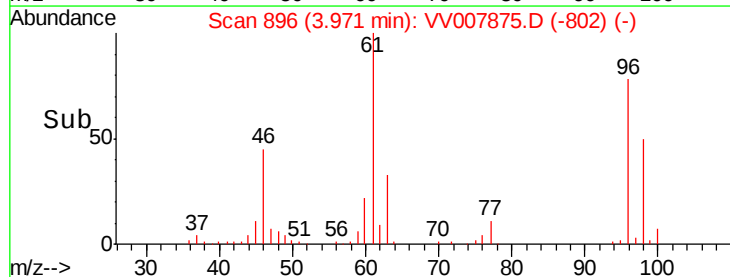
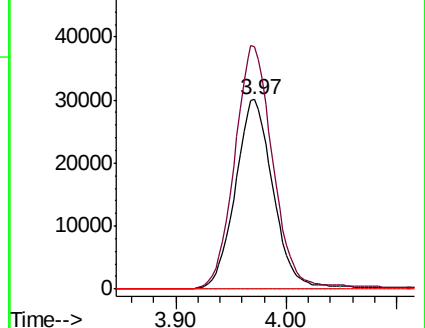
68 0.0 0.0 0.0

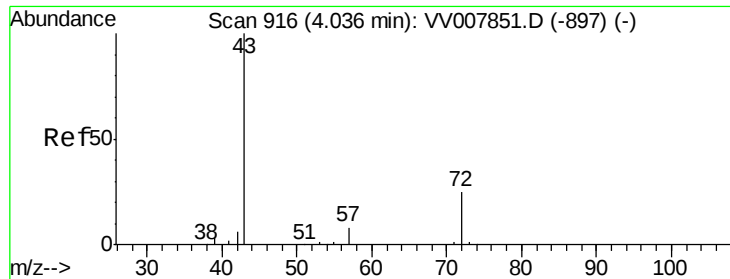


Abundance Ion 96.00 (95.70 to 96.70): VV007875.D (-802) (-)

Ion 61.00 (60.70 to 61.70): VV007875.D (-802) (-)

Ion 68.00 (67.70 to 68.70): VV007875.D (-802) (-)





#22

2-Butanone

Concen: 89.266 ug/L

RT: 4.04 min Scan# 916

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

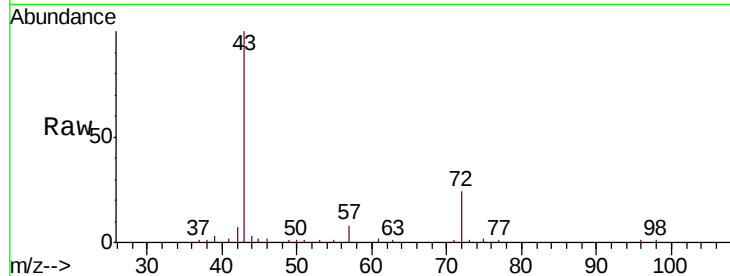
VSTD05077

Tgt Ion: 43 Resp: 105013

Ion Ratio Lower Upper

43 100

72 22.6 12.4 37.2

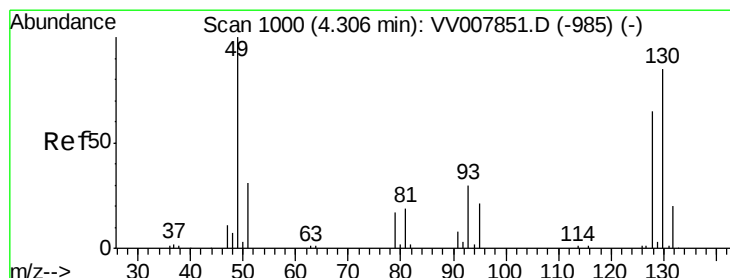
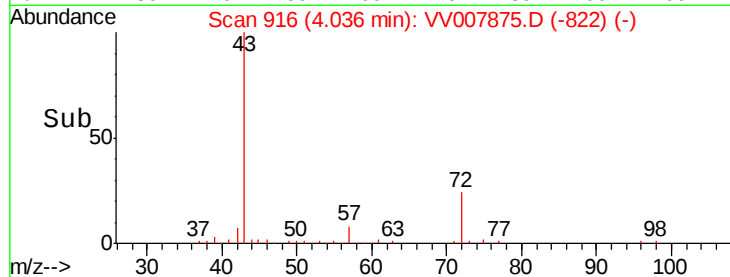


Abundance Ion 43.00 (42.70 to 43.70): VV007851.D (-897) (-)

Ion 72.00 (71.70 to 72.70): VV007851.D (-897) (-)

4.04

Time--> 3.90 4.00 4.10



#23

Bromochloromethane

Concen: 51.418 ug/L

RT: 4.31 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Tgt Ion: 128 Resp: 38378

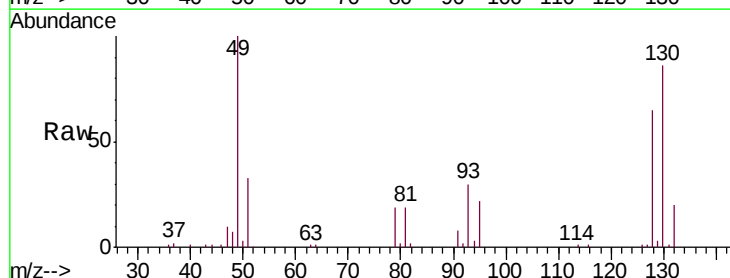
Ion Ratio Lower Upper

128 100

49 154.5 107.7 199.9

130 133.3 91.1 169.1

51 51.6 38.1 57.1



Abundance Ion 128.00 (127.70 to 128.70): VV007851.D (-985) (-)

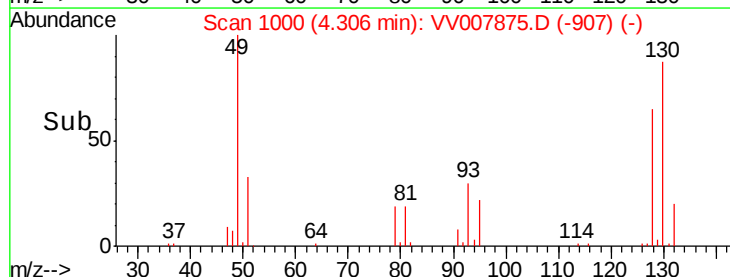
Ion 49.00 (48.70 to 49.70): VV007851.D (-985) (-)

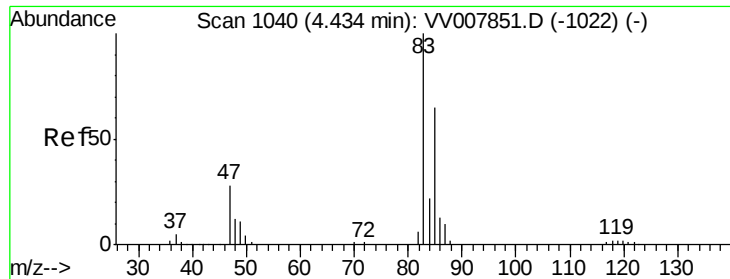
Ion 130.00 (129.70 to 130.70): VV007851.D (-985) (-)

Ion 51.00 (50.70 to 51.70): VV007851.D (-985) (-)

4.31

Time--> 4.20 4.30 4.40

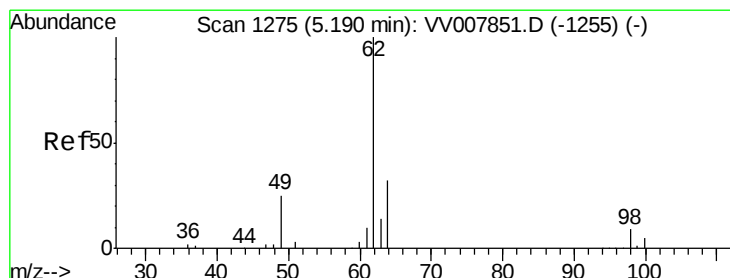
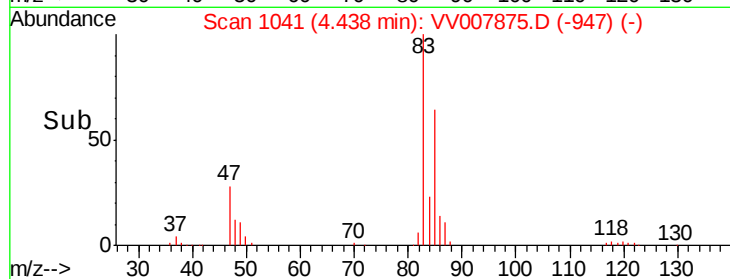
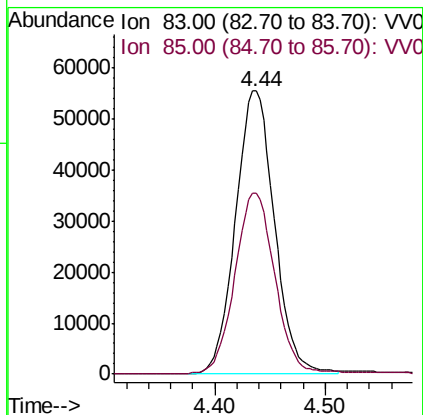
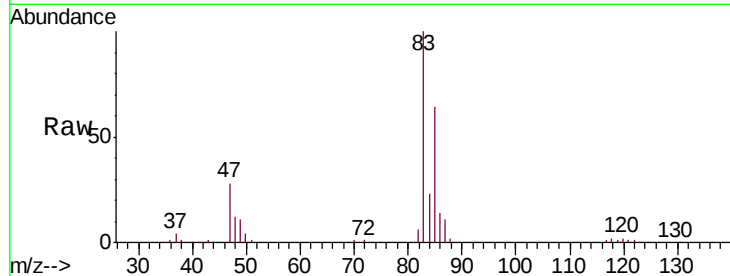




#25
Chloroform
Concen: 50.429 ug/L
RT: 4.44 min Scan# 1041
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

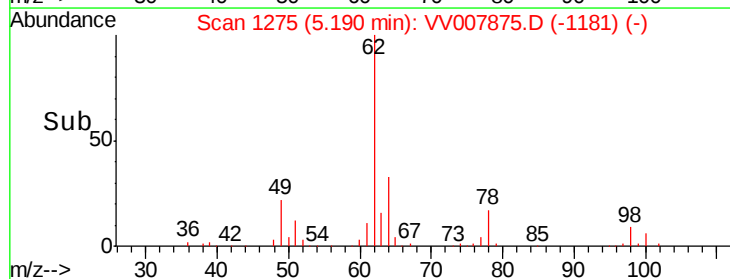
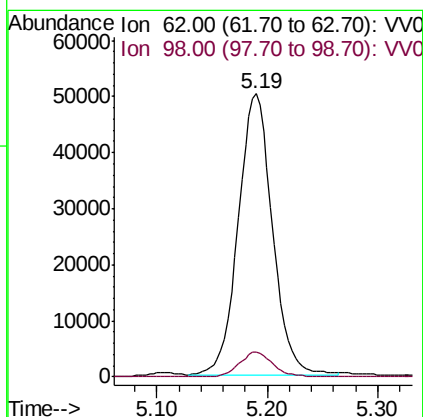
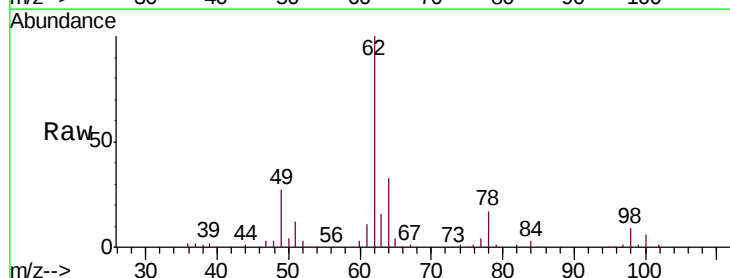
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

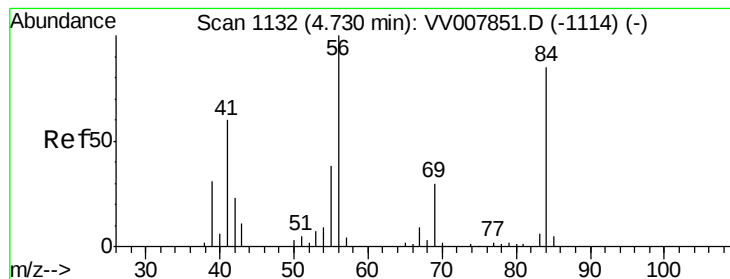
Tgt Ion: 83 Resp: 135992
Ion Ratio Lower Upper
83 100
85 63.9 45.9 85.3



#27
1,2-Dichloroethane
Concen: 50.547 ug/L
RT: 5.19 min Scan# 1275
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

Tgt Ion: 62 Resp: 108035
Ion Ratio Lower Upper
62 100
98 8.8 7.0 10.4





#29

Cyclohexane

Concen: 48.193 ug/L

RT: 4.73 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

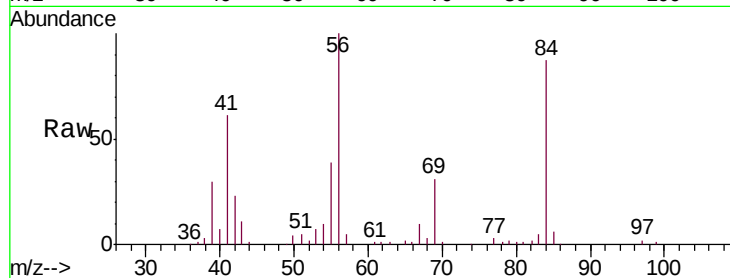
Tgt Ion: 56 Resp: 104234

Ion Ratio Lower Upper

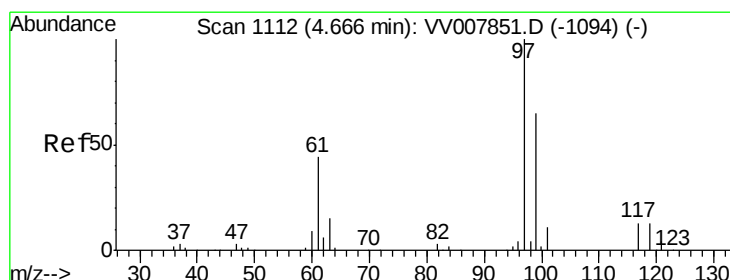
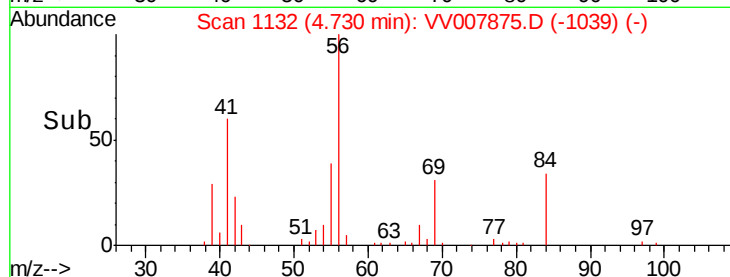
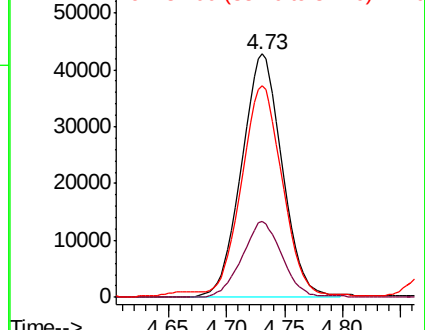
56 100

69 30.5 24.1 36.1

84 85.1 68.2 102.4



Abundance Ion 56.00 (55.70 to 56.70): VV0
Ion 69.00 (68.70 to 69.70): VV0
Ion 84.00 (83.70 to 84.70): VV0



#30

1,1,1-Trichloroethane

Concen: 50.572 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

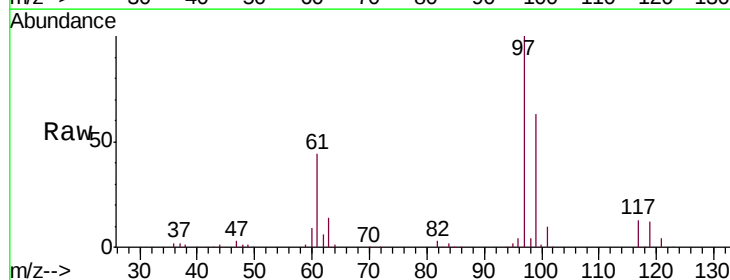
Tgt Ion: 97 Resp: 115842

Ion Ratio Lower Upper

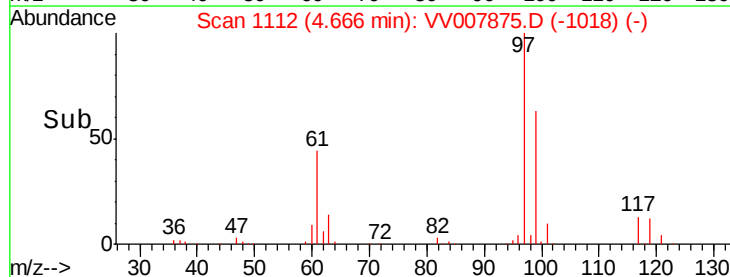
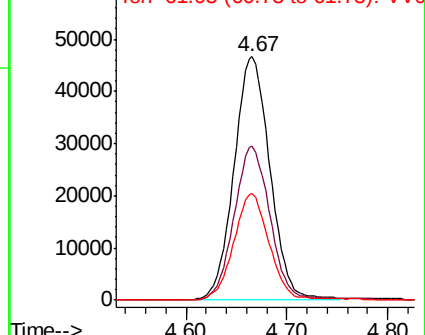
97 100

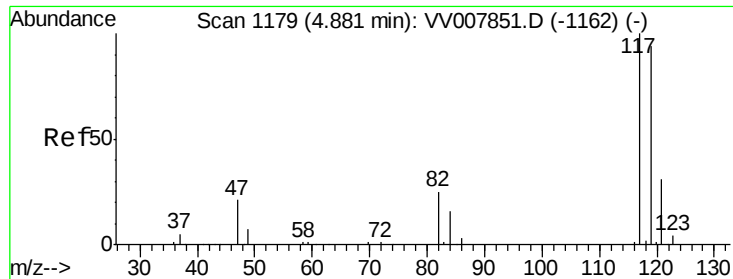
99 63.0 51.0 76.6

61 43.1 35.0 52.4



Abundance Ion 97.00 (96.70 to 97.70): VV0
Ion 99.00 (98.70 to 99.70): VV0
Ion 61.05 (60.75 to 61.75): VV0





#31

Carbon tetrachloride

Concen: 49.445 ug/L

RT: 4.88 min Scan# 1179

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

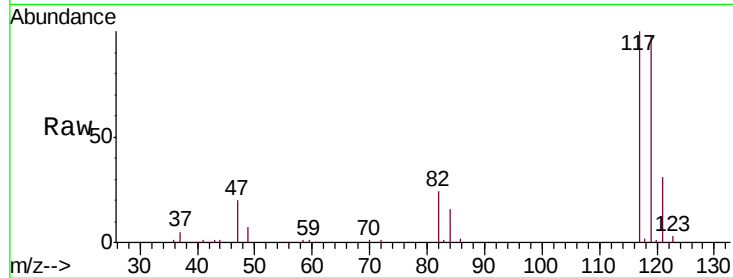
VSTD05077

Tgt Ion:117 Resp: 100065

Ion Ratio Lower Upper

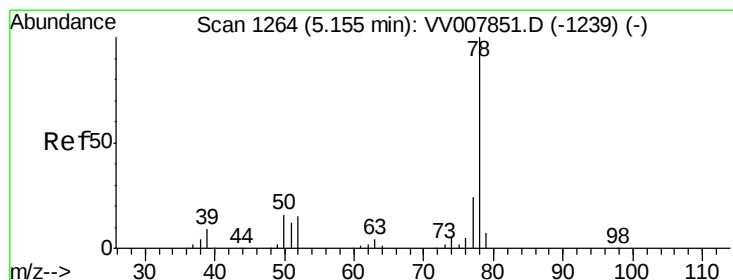
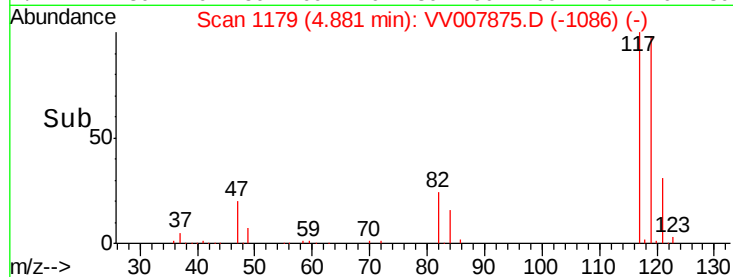
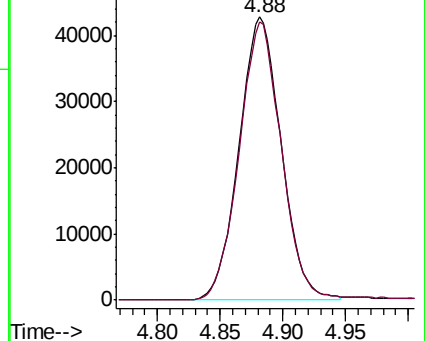
117 100

119 98.3 76.2 114.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 50.678 ug/L

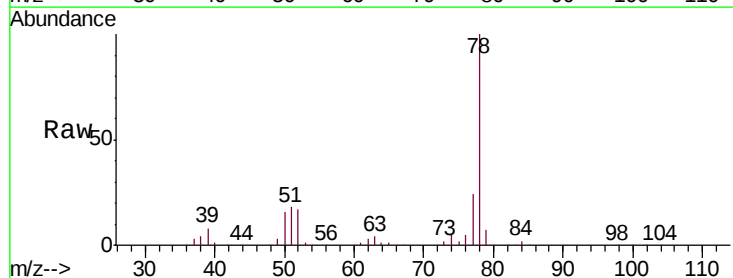
RT: 5.15 min Scan# 1264

Delta R.T. 0.00 min

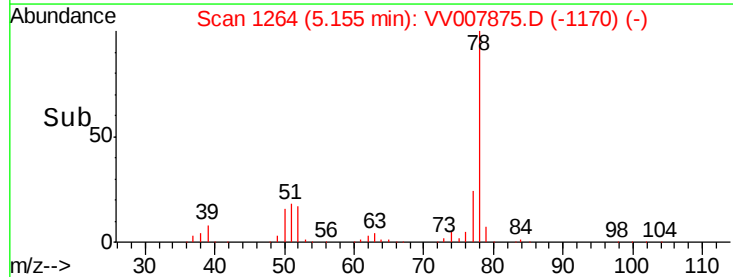
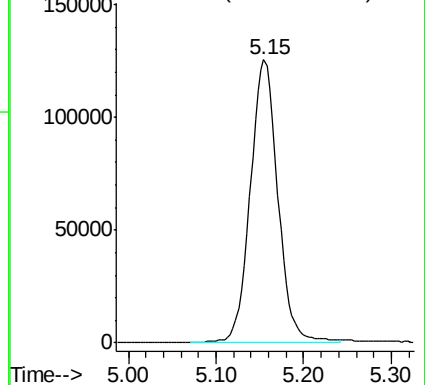
Lab File: VV007875.D

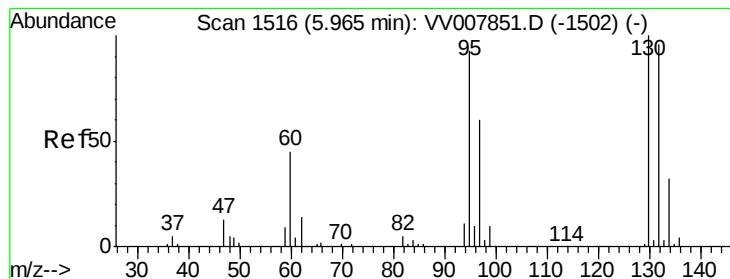
Acq: 26 Sep 2018 00:14

Tgt Ion: 78 Resp: 275613



Abundance Ion 78.00 (77.70 to 78.70): VV0





#34

Trichloroethene

Concen: 49.453 ug/L

RT: 5.96 min Scan# 1516

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

Tgt Ion: 95 Resp: 74605

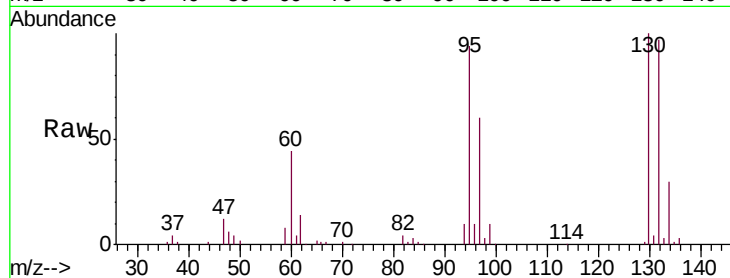
Ion Ratio Lower Upper

95 100

97 63.8 45.4 84.2

132 102.5 72.2 134.0

130 105.9 75.5 140.3

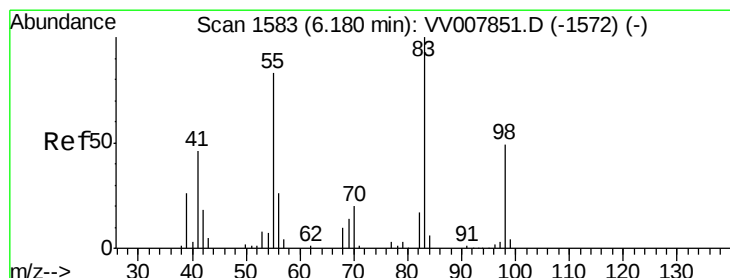
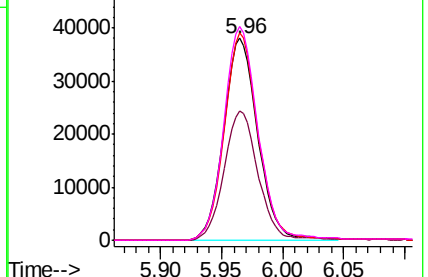
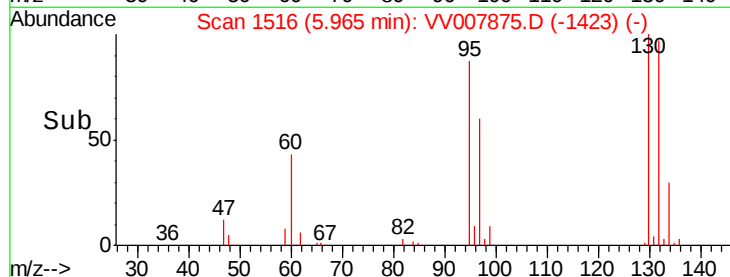


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0



#35

Methylcyclohexane

Concen: 48.380 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

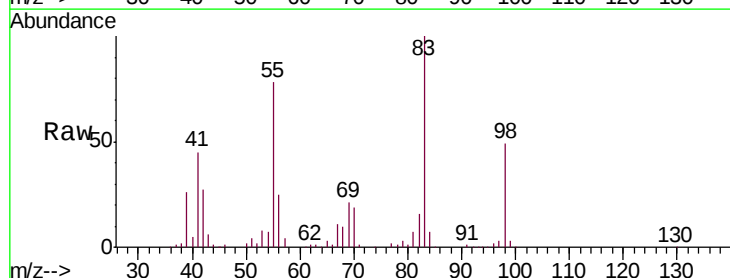
Tgt Ion: 83 Resp: 114502

Ion Ratio Lower Upper

83 100

55 76.9 62.6 94.0

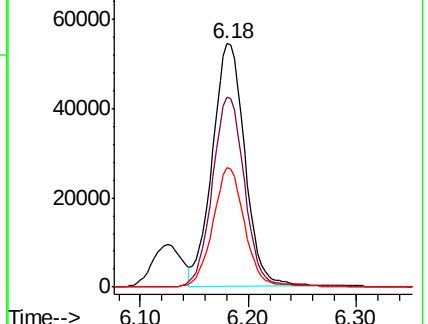
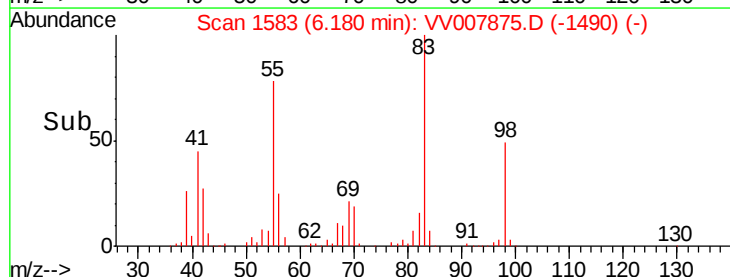
98 47.7 37.6 56.4

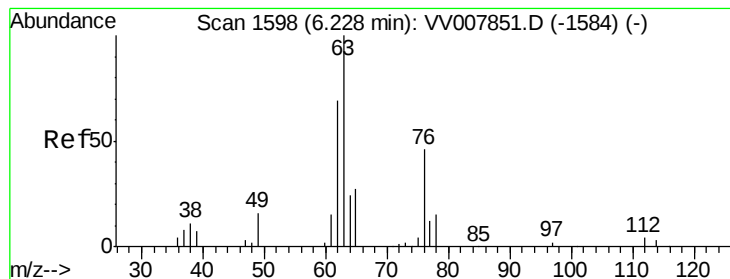


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

Ion 98.00 (97.70 to 98.70): VV0





#37

1,2-Dichloropropane

Concen: 49.755 ug/L

RT: 6.23 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

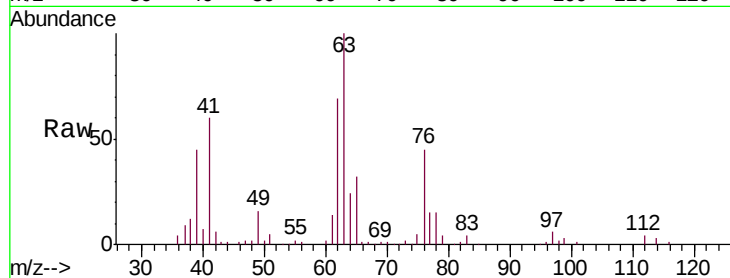
VSTD05077

Tgt Ion: 63 Resp: 72163

Ion Ratio Lower Upper

63 100

112 4.3 3.3 4.9



Abundance Ion 63.00 (62.70 to 63.70): VV007875.D (-1584) (-)

Ion 112.00 (111.70 to 112.70): VV007875.D (-1584) (-)

6.23

40000

30000

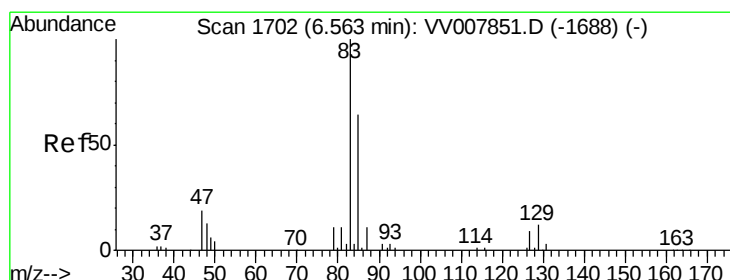
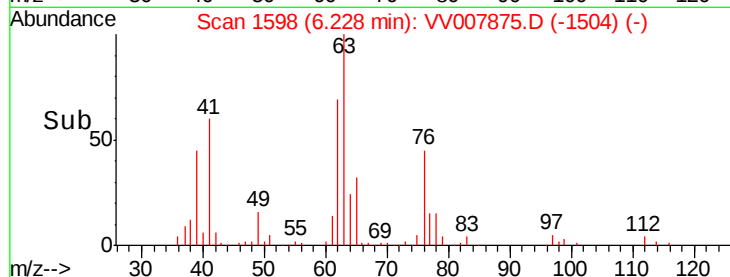
20000

10000

0

6.10 6.20 6.30

Time-->



#38

Bromodichloromethane

Concen: 50.460 ug/L

RT: 6.56 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

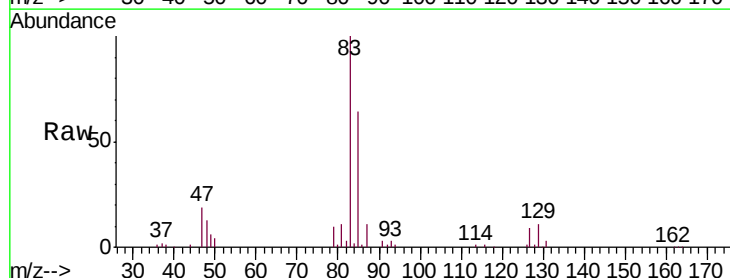
Tgt Ion: 83 Resp: 92626

Ion Ratio Lower Upper

83 100

85 63.7 44.9 83.3

127 9.3 7.4 11.2



Abundance Ion 83.00 (82.70 to 83.70): VV007875.D (-1688) (-)

Ion 85.00 (84.70 to 85.70): VV007875.D (-1688) (-)

Ion 127.00 (126.70 to 127.70): VV007875.D (-1688) (-)

6.56

60000

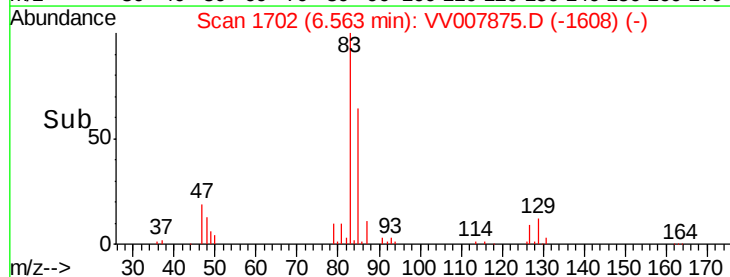
40000

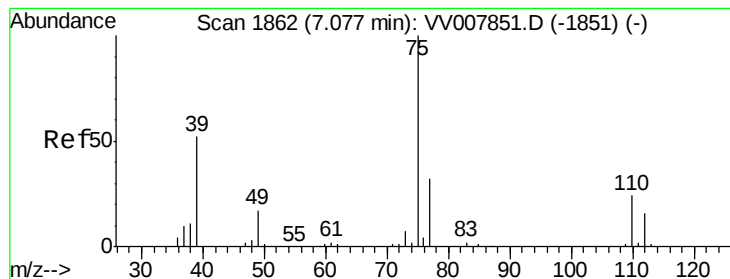
20000

0

6.50 6.55 6.60 6.65

Time-->





#39

cis-1,3-Dichloropropene

Concen: 51.698 ug/L

RT: 7.08 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

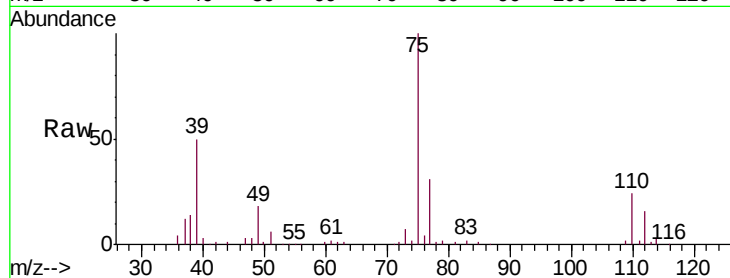
VSTD05077

Tgt Ion: 75 Resp: 108854

Ion Ratio Lower Upper

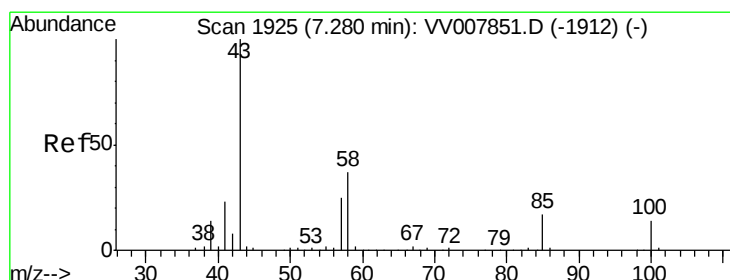
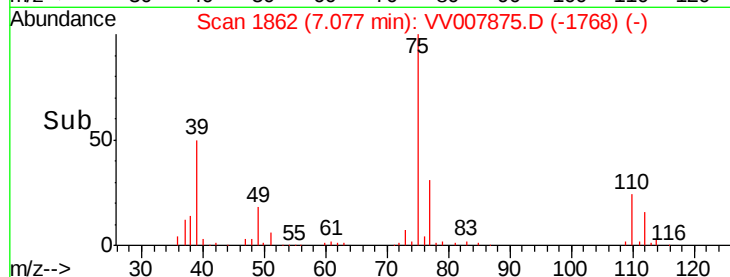
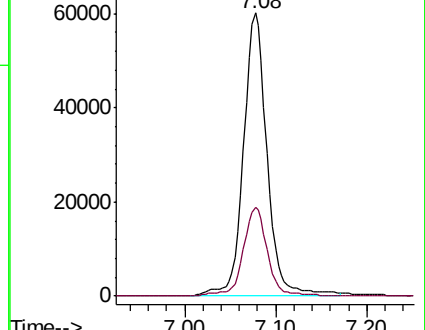
75 100

77 31.3 22.8 42.4



Abundance Ion 75.00 (74.70 to 75.70): VV007875.D (-1851) (-)

Ion 77.00 (76.70 to 77.70): VV007875.D (-1851) (-)



#40

4-Methyl-2-pentanone

Concen: 106.404 ug/L

RT: 7.28 min Scan# 1925

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

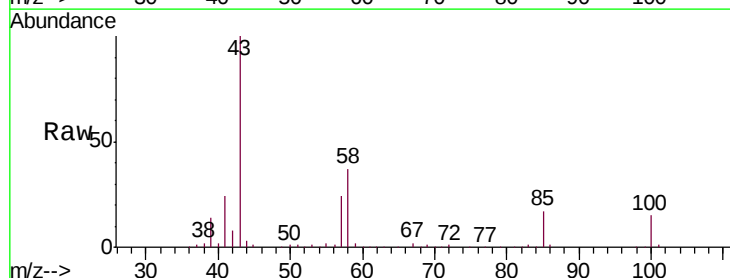
Tgt Ion: 43 Resp: 218086

Ion Ratio Lower Upper

43 100

58 35.0 29.3 43.9

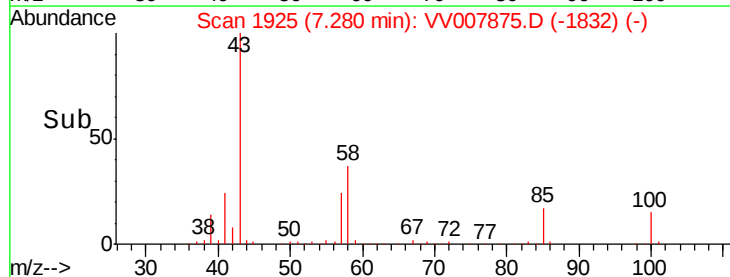
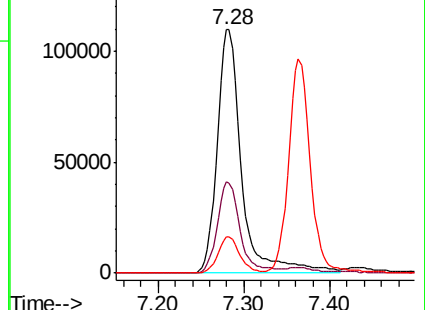
100 13.3 11.0 16.4

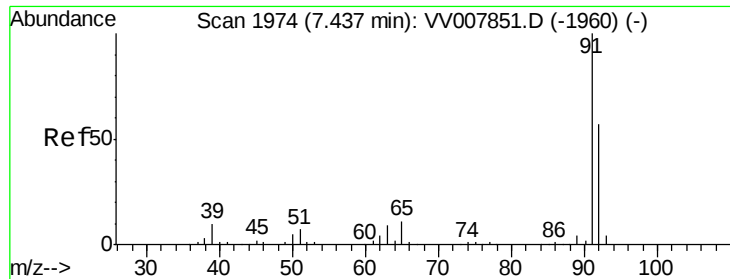


Abundance Ion 43.00 (42.70 to 43.70): VV007875.D (-1832) (-)

Ion 58.00 (57.70 to 58.70): VV007875.D (-1832) (-)

Ion 100.00 (99.70 to 100.70): VV007875.D (-1832) (-)





#42

Toluene

Concen: 50.317 ug/L

RT: 7.44 min Scan# 1974

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

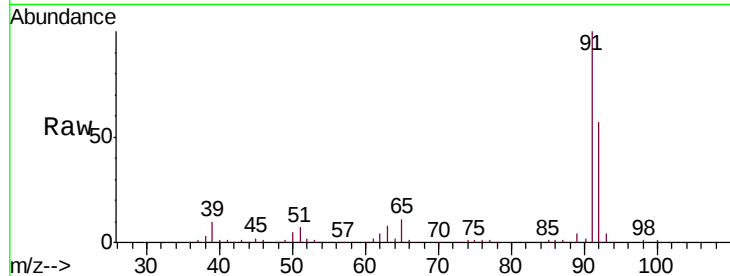
VSTD05077

Tgt Ion: 91 Resp: 308315

Ion Ratio Lower Upper

91 100

92 56.7 39.8 73.8



Abundance Ion 91.00 (90.70 to 91.70): VV007875.D (-1960) (-)

Ion 92.00 (91.70 to 92.70): VV007875.D (-1960) (-)

7.44

200000

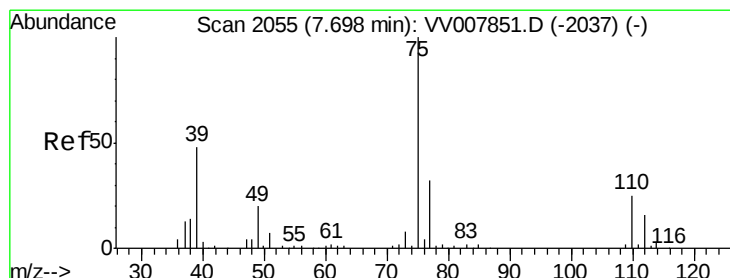
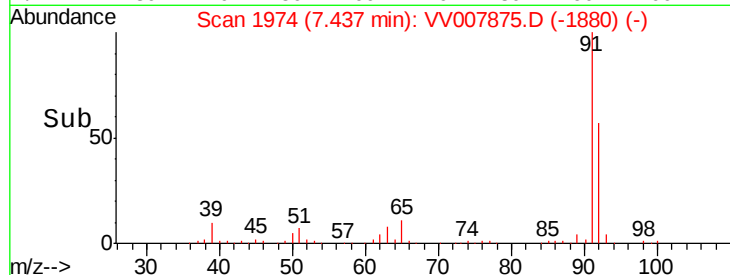
150000

100000

50000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 49.918 ug/L

RT: 7.70 min Scan# 2055

Delta R.T. 0.00 min

Lab File: VV007875.D

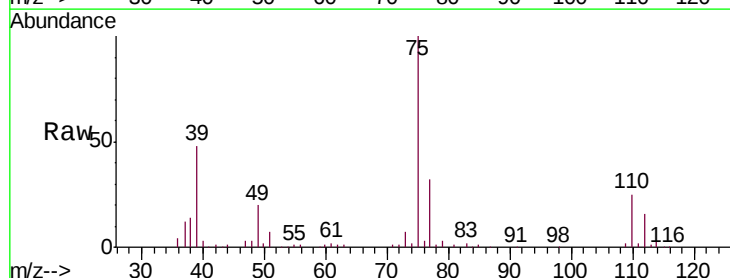
Acq: 26 Sep 2018 00:14

Tgt Ion: 75 Resp: 104467

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



Abundance Ion 75.00 (74.70 to 75.70): VV007875.D (-2037) (-)

Ion 77.00 (76.70 to 77.70): VV007875.D (-2037) (-)

7.70

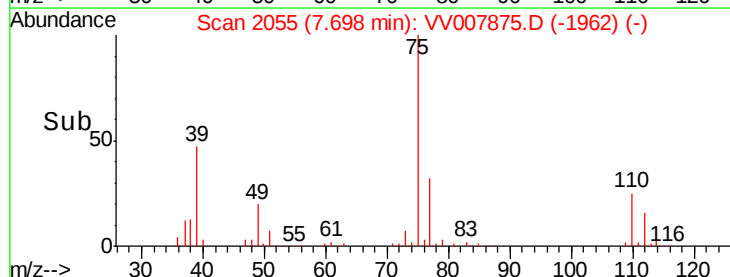
60000

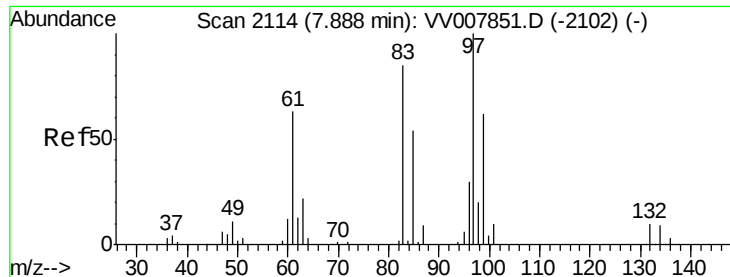
40000

20000

0

Time-->

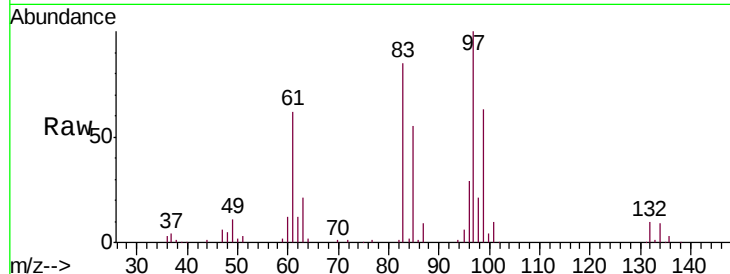




#45
 1,1,2-Trichloroethane
 Concen: 50.533 ug/L
 RT: 7.89 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Tgt Ion:	97	Resp:	73241
Ion	Ratio	Lower	Upper
97	100		
99	62.6	43.7	81.1
83	85.1	59.6	110.8
85	54.8	37.7	70.1



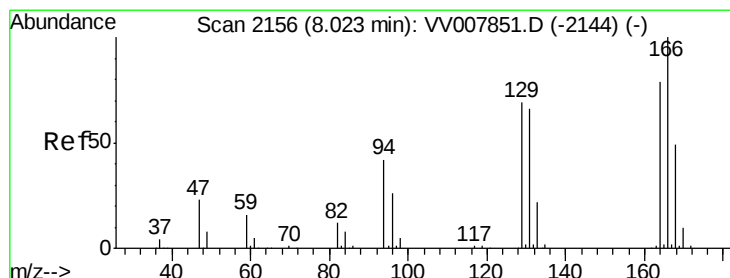
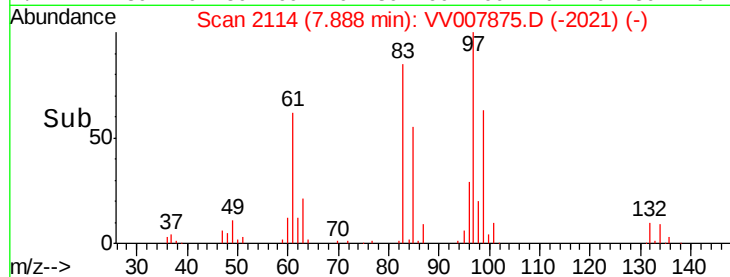
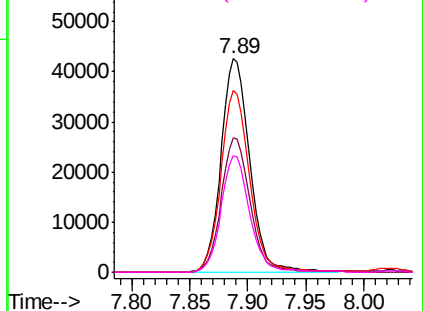
Abundance

Ion 97.00 (96.70 to 97.70): VV007875.D (-2021) (-)

Ion 99.00 (98.70 to 99.70): VV007875.D (-2021) (-)

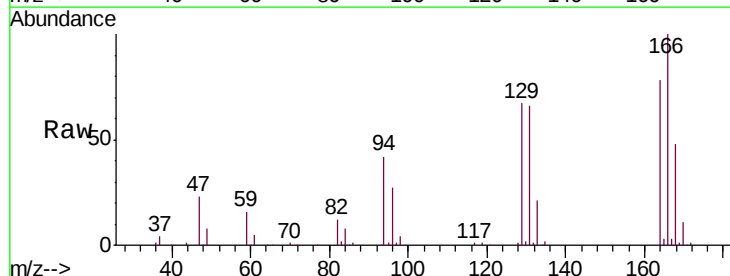
Ion 83.00 (82.70 to 83.70): VV007875.D (-2021) (-)

Ion 85.00 (84.70 to 85.70): VV007875.D (-2021) (-)



#46
 Tetrachloroethene
 Concen: 47.222 ug/L
 RT: 8.02 min Scan# 2156
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Tgt Ion:	164	Resp:	68455
Ion	Ratio	Lower	Upper
164	100		
129	86.6	60.9	113.1
131	85.3	58.8	109.2
166	128.7	88.8	164.8



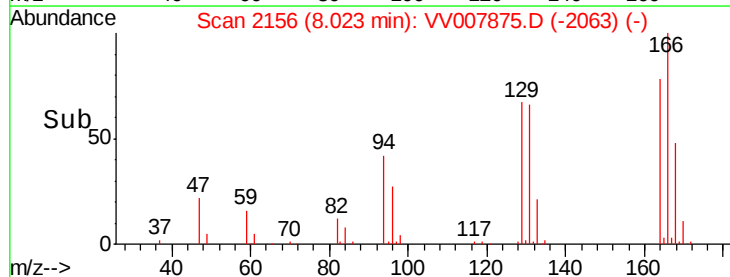
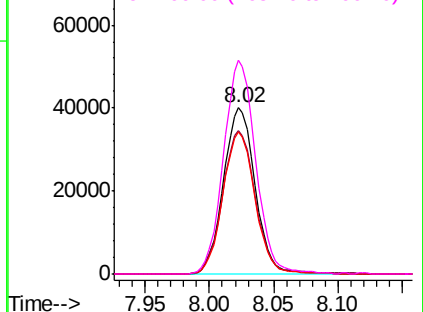
Abundance

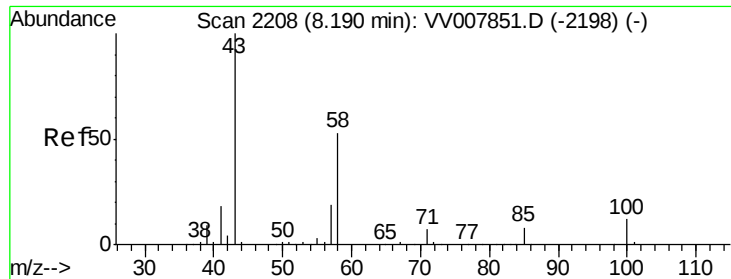
Ion 164.00 (163.70 to 164.70): VV007875.D (-2063) (-)

Ion 129.00 (128.70 to 129.70): VV007875.D (-2063) (-)

Ion 131.00 (130.70 to 131.70): VV007875.D (-2063) (-)

Ion 166.00 (165.70 to 166.70): VV007875.D (-2063) (-)

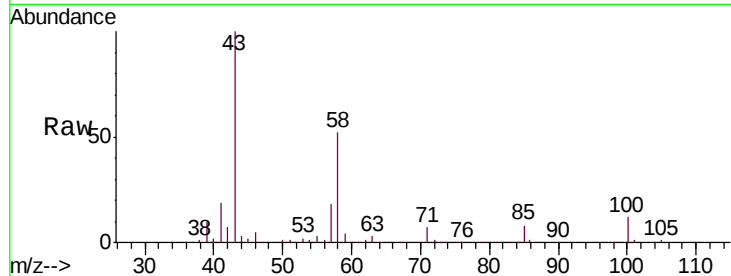




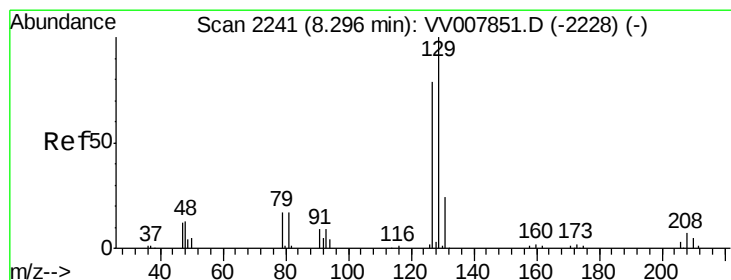
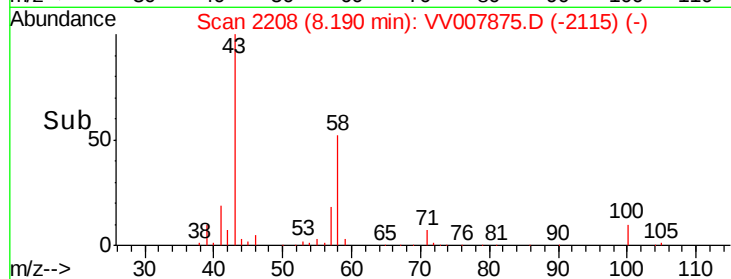
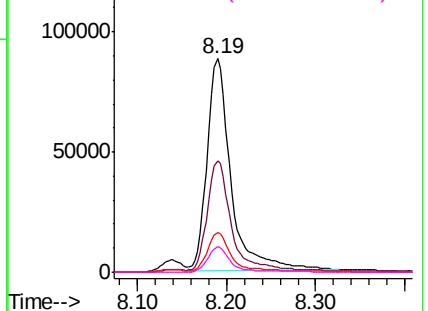
#48
2-Hexanone
Concen: 102.141 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

Tgt Ion: 43 Resp: 165461
Ion Ratio Lower Upper
43 100
58 51.1 41.1 61.7
57 17.5 14.3 21.5
100 11.7 9.9 14.9

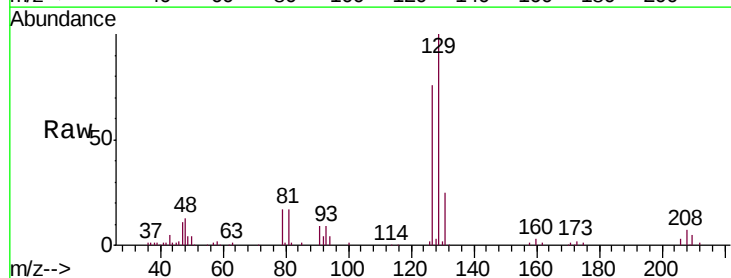


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0

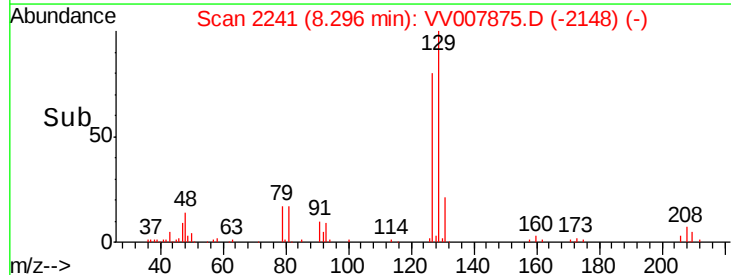
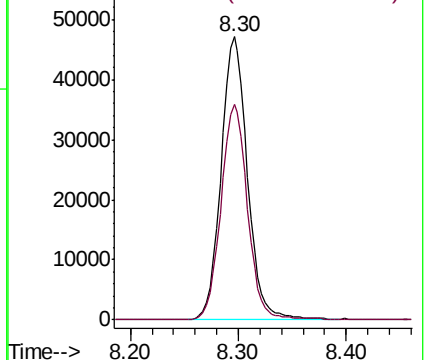


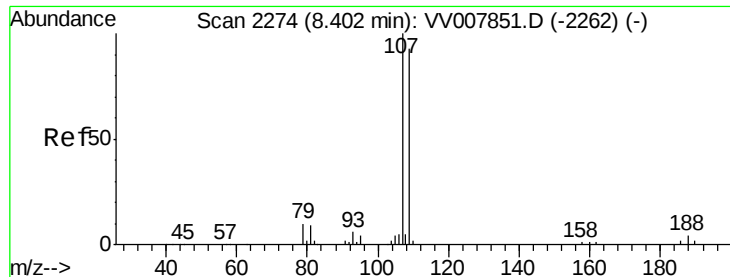
#49
Dibromochloromethane
Concen: 50.475 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

Tgt Ion: 129 Resp: 79993
Ion Ratio Lower Upper
129 100
127 76.3 55.5 103.1



Abundance Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V

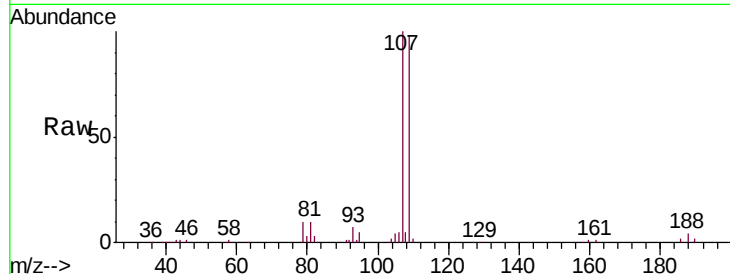




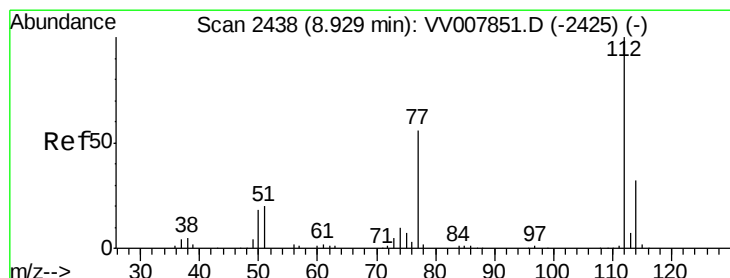
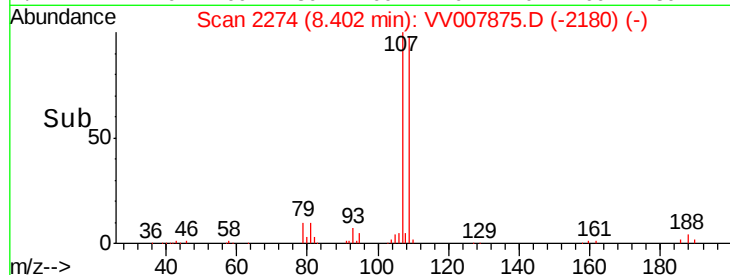
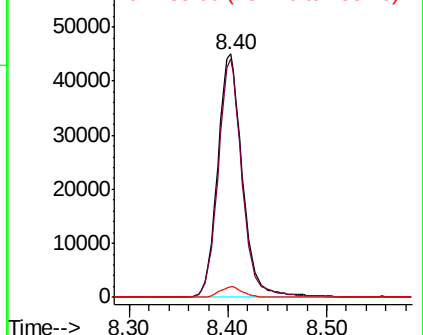
#50
 1,2-Dibromoethane
 Concen: 50.747 ug/L
 RT: 8.40 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Tgt Ion:107 Resp: 79087
 Ion Ratio Lower Upper
 107 100
 109 97.9 65.3 121.3
 188 4.4 3.5 5.3

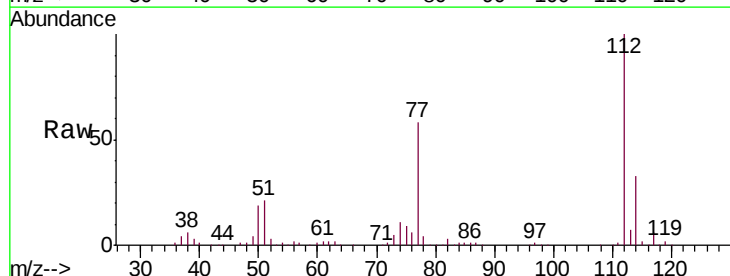


Abundance Ion 107.00 (106.70 to 107.70): V
 Ion 109.00 (108.70 to 109.70): V
 Ion 188.00 (187.70 to 188.70): V

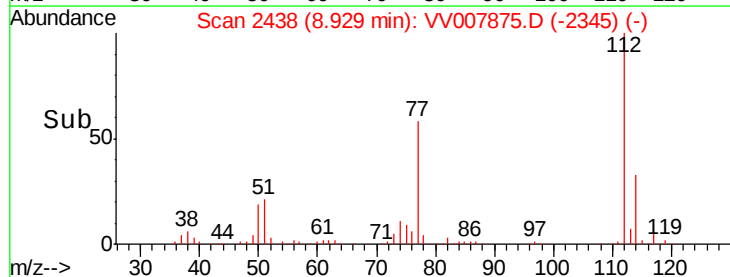
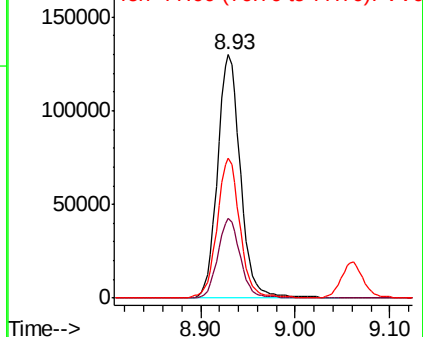


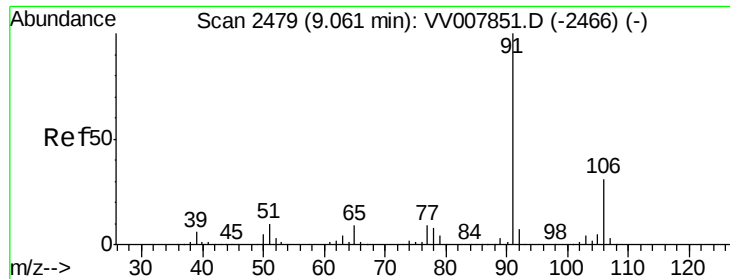
#51
 Chlorobenzene
 Concen: 51.468 ug/L
 RT: 8.93 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Tgt Ion:112 Resp: 218288
 Ion Ratio Lower Upper
 112 100
 114 32.7 22.3 41.5
 77 57.5 45.2 67.8



Abundance Ion 112.00 (111.70 to 112.70): V
 Ion 114.00 (113.70 to 114.70): V
 Ion 77.00 (76.70 to 77.70): VV0





#52

Ethylbenzene

Concen: 50.424 ug/L

RT: 9.06 min Scan# 2479

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

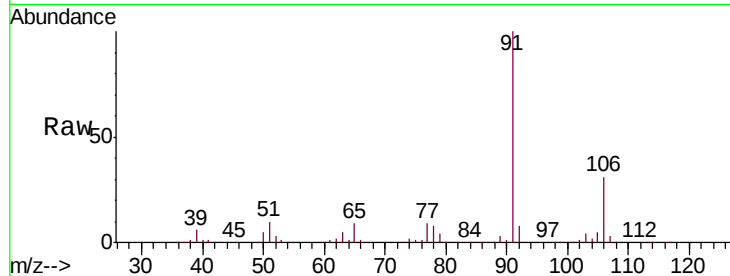
VSTD05077

Tgt Ion: 91 Resp: 349009

Ion Ratio Lower Upper

91 100

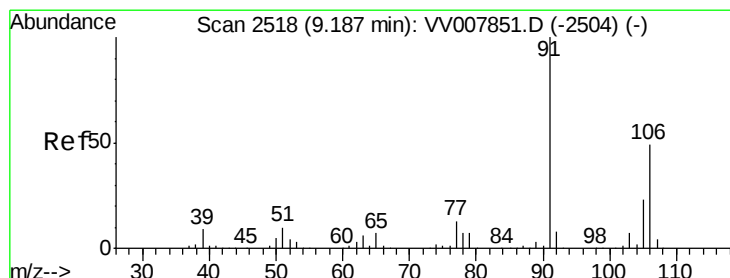
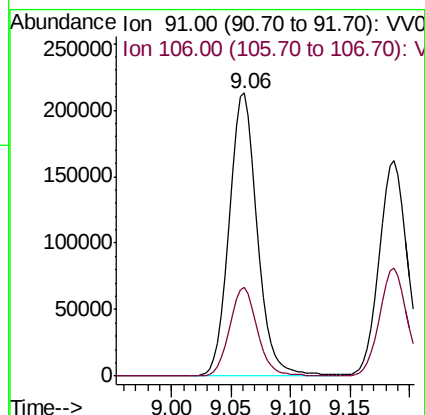
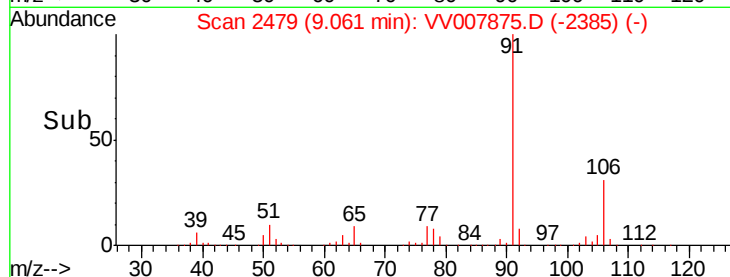
106 31.3 21.9 40.7



Abundance Ion 91.00 (90.70 to 91.70): VV007875.D (-2466) (-)

Ion 106.00 (105.70 to 106.70): VV007875.D (-2466) (-)

Time-->



#53

m,p-Xylene

Concen: 50.643 ug/L

RT: 9.19 min Scan# 2518

Delta R.T. 0.00 min

Lab File: VV007875.D

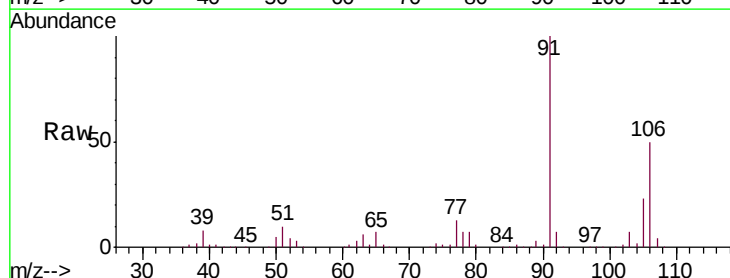
Acq: 26 Sep 2018 00:14

Tgt Ion: 106 Resp: 133547

Ion Ratio Lower Upper

106 100

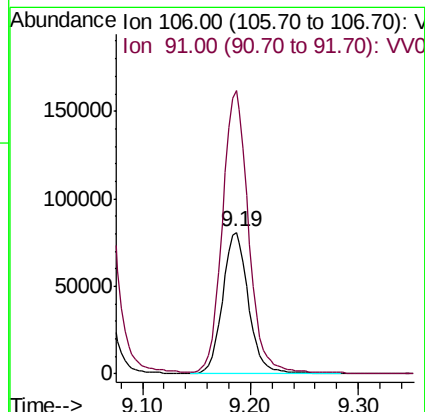
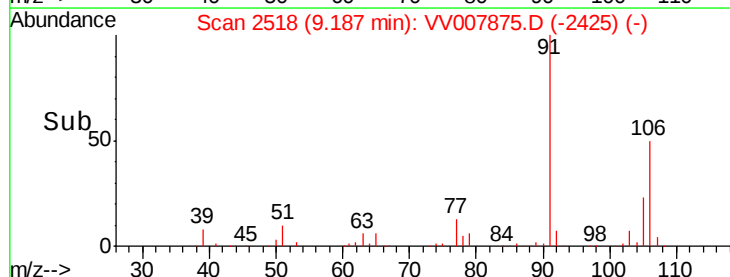
91 200.0 142.3 264.3

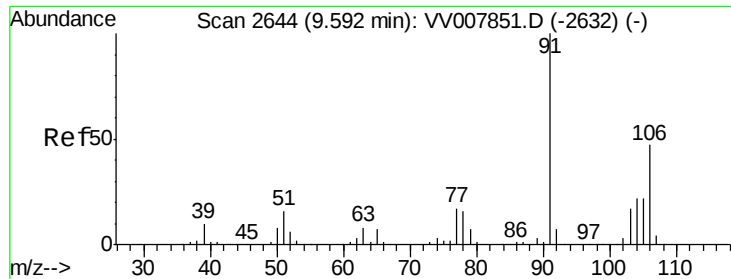


Abundance Ion 106.00 (105.70 to 106.70): VV007875.D (-2504) (-)

Ion 91.00 (90.70 to 91.70): VV007875.D (-2504) (-)

Time-->

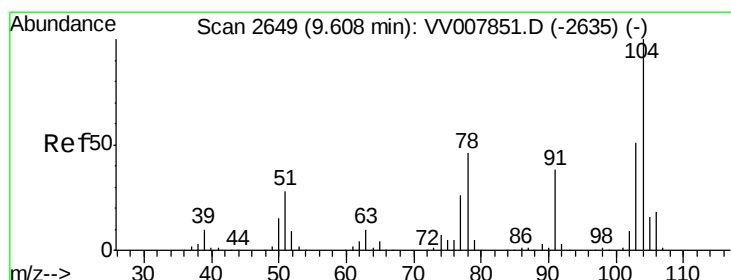
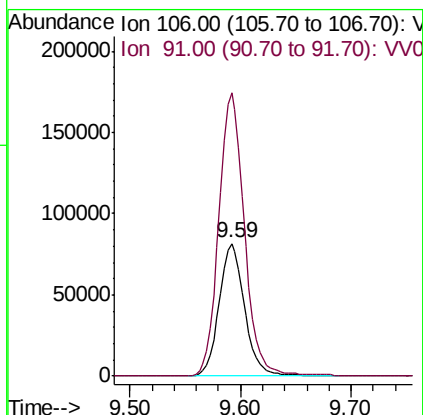
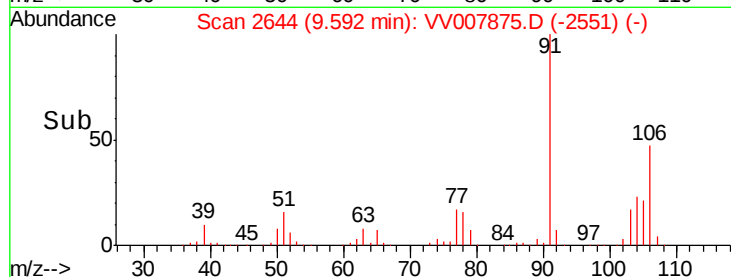
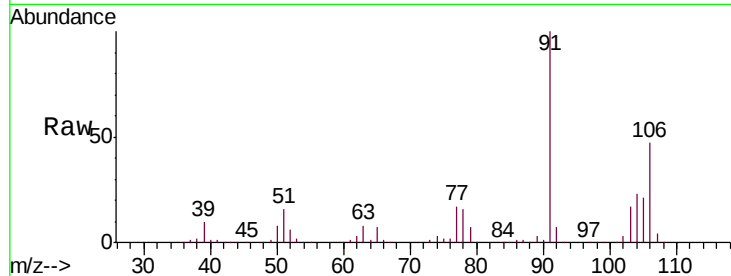




#54
o-xylene
Concen: 51.107 ug/L
RT: 9.59 min Scan# 2644
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

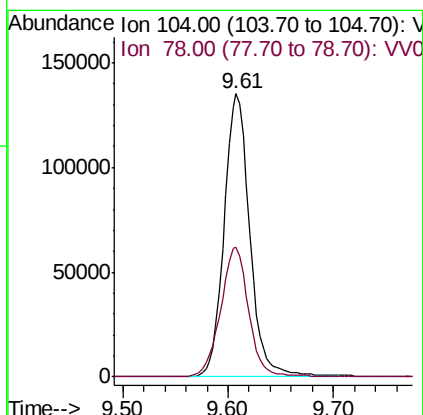
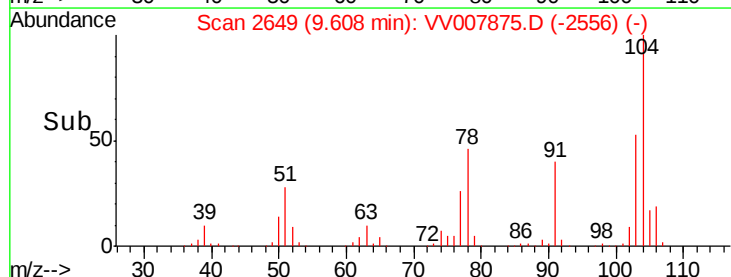
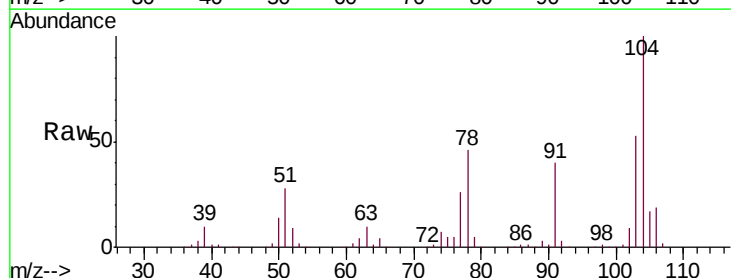
Instrument :
MSVOA_V
ClientSampleId :
VSTD05077

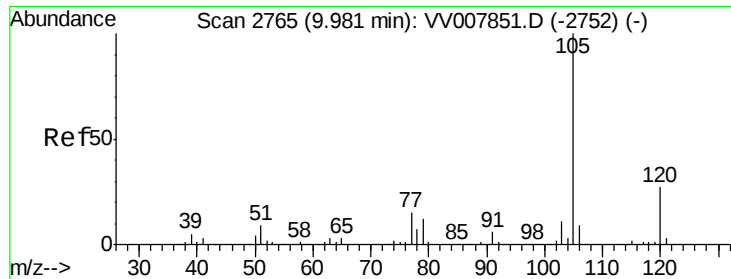
Tgt Ion:106 Resp: 130916
Ion Ratio Lower Upper
106 100
91 213.6 150.6 279.6



#55
Styrene
Concen: 52.093 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV007875.D
Acq: 26 Sep 2018 00:14

Tgt Ion:104 Resp: 228565
Ion Ratio Lower Upper
104 100
78 45.9 32.3 60.1





#56

Isopropylbenzene

Concen: 50.760 ug/L

RT: 9.98 min Scan# 2765

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

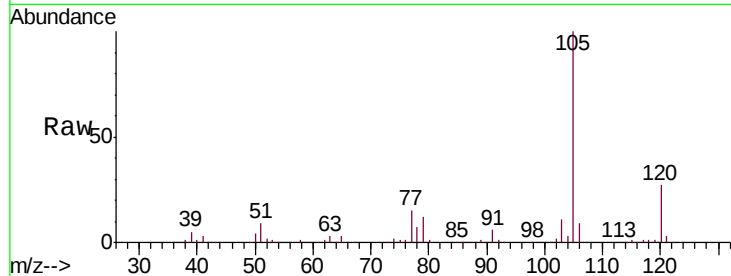
Tgt Ion:105 Resp: 354413

Ion Ratio Lower Upper

105 100

120 26.5 21.0 31.6

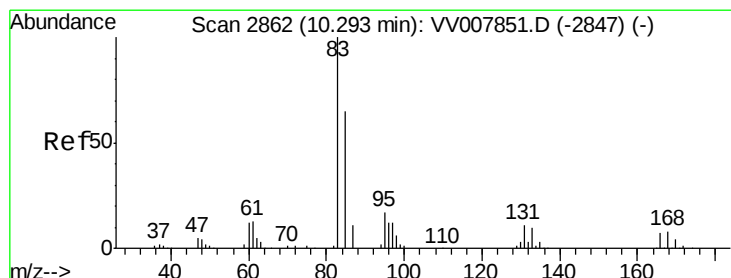
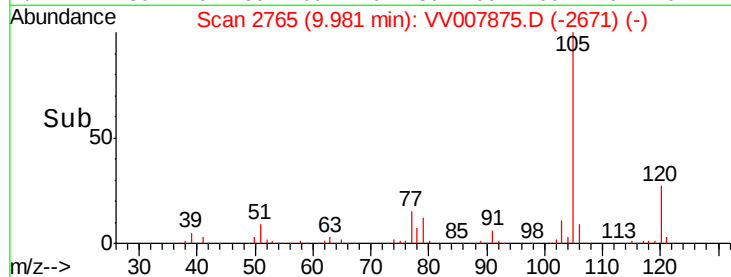
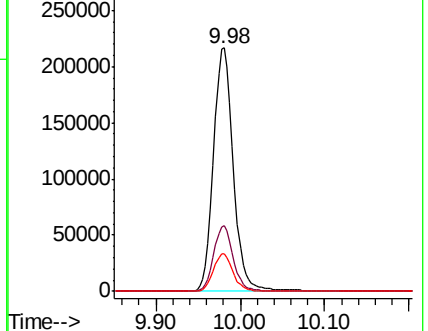
77 15.3 12.5 18.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 51.377 ug/L

RT: 10.29 min Scan# 2862

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

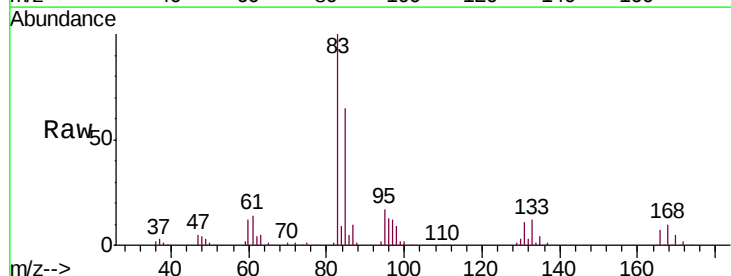
Tgt Ion: 83 Resp: 121694

Ion Ratio Lower Upper

83 100

85 65.2 45.8 85.0

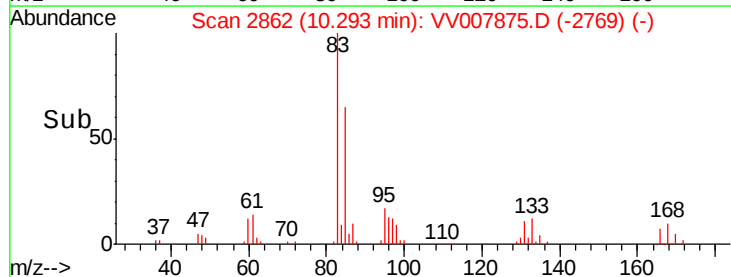
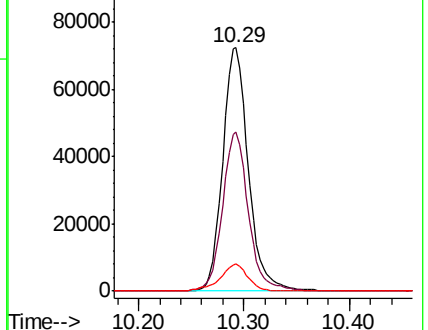
131 11.1 9.0 13.4

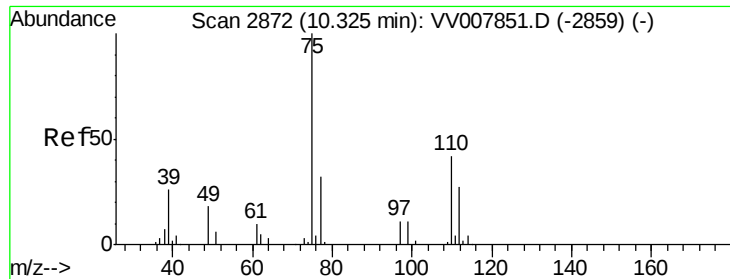


Abundance Ion 83.00 (82.70 to 83.70): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 131.00 (130.70 to 131.70): V





#59

1,2,3-Trichloropropane

Concen: 50.473 ug/L

RT: 10.32 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

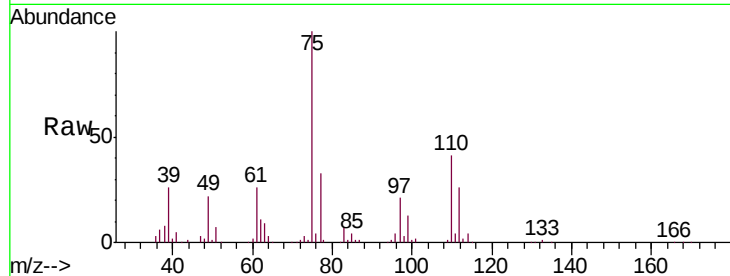
VSTD05077

Tgt Ion: 75 Resp: 97453

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV007851.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV007851.D (-2859) (-)

10.32

60000

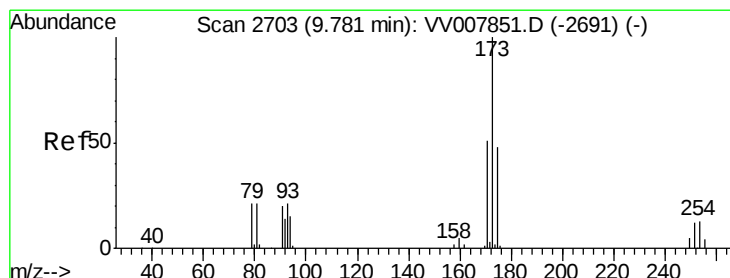
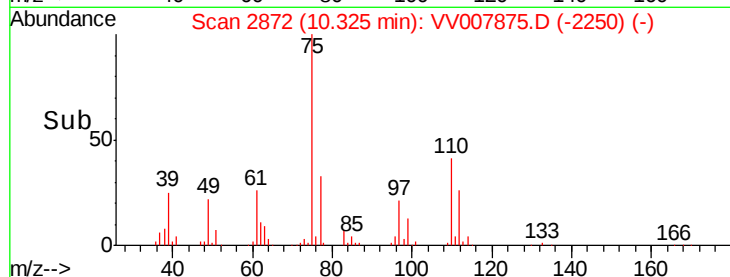
40000

20000

0

10.30 10.40

Time-->



#61

Bromoform

Concen: 49.794 ug/L

RT: 9.78 min Scan# 2703

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

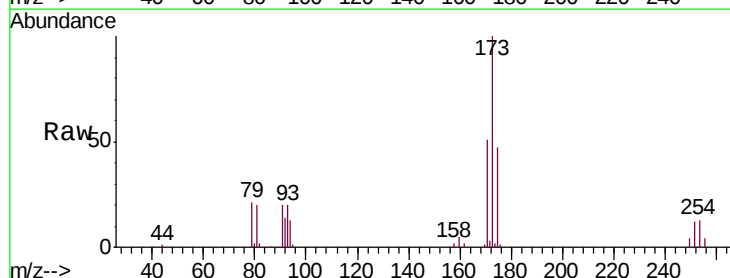
Tgt Ion: 173 Resp: 59712

Ion Ratio Lower Upper

173 100

175 48.7 38.5 57.7

254 12.1 9.9 14.9



Abundance Ion 173.00 (172.70 to 173.70): VV007851.D (-2691) (-)

Ion 175.00 (174.70 to 175.70): VV007851.D (-2691) (-)

Ion 254.00 (253.70 to 254.70): VV007851.D (-2691) (-)

9.78

50000

40000

30000

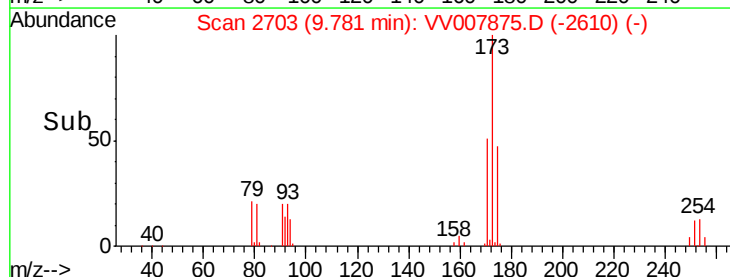
20000

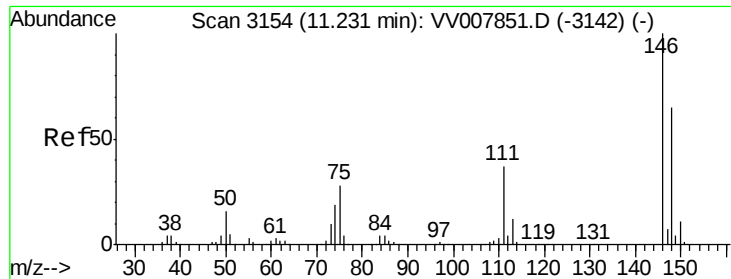
10000

0

9.70 9.75 9.80 9.85

Time-->

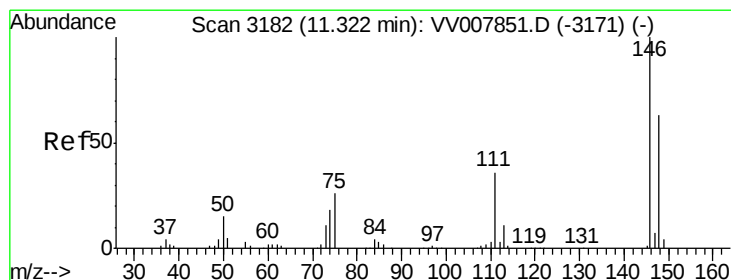
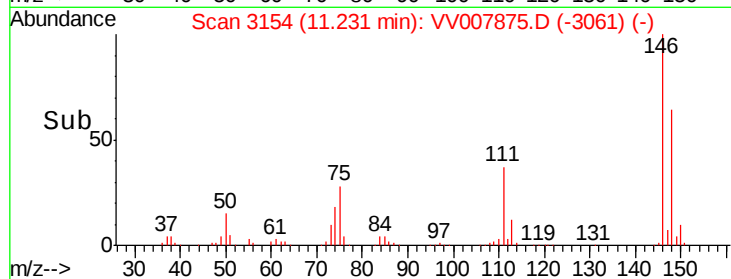
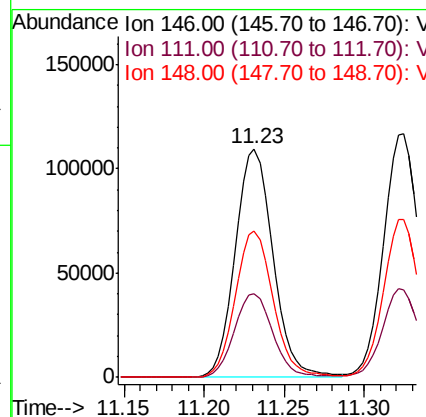
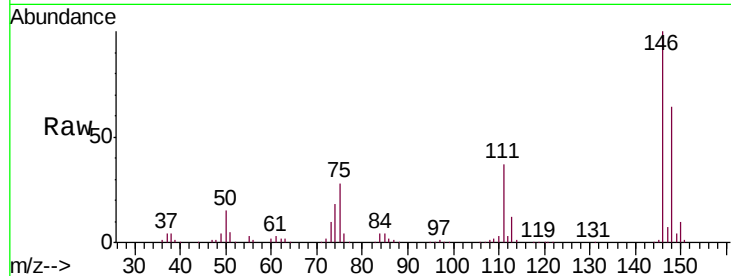




#62
 1,3-Dichlorobenzene
 Concen: 49.602 ug/L
 RT: 11.23 min Scan# 3154
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

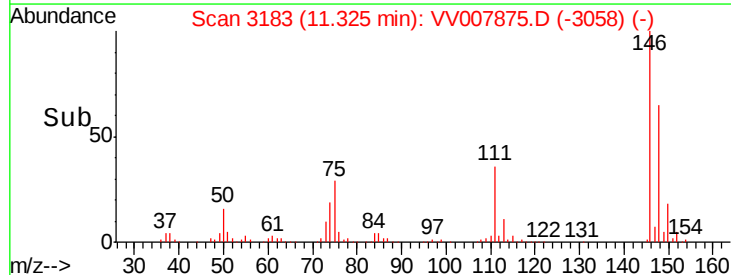
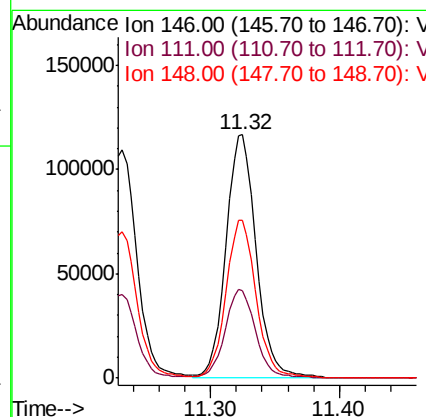
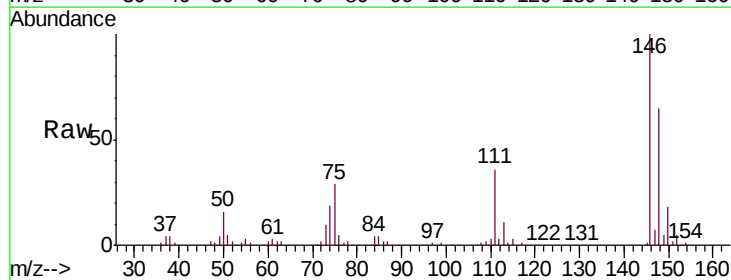
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

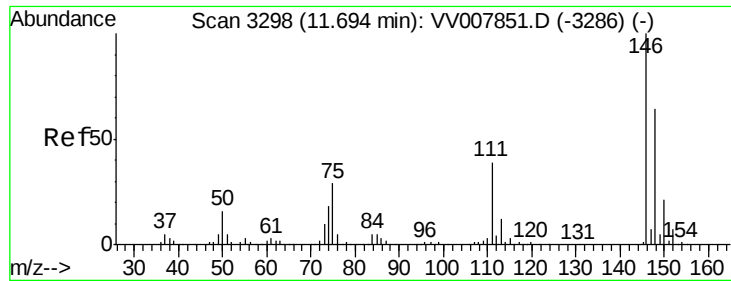
Tgt Ion:146 Resp: 176485
 Ion Ratio Lower Upper
 146 100
 111 36.7 25.6 47.4
 148 64.1 45.4 84.2



#63
 1,4-Dichlorobenzene
 Concen: 50.148 ug/L
 RT: 11.32 min Scan# 3183
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Tgt Ion:146 Resp: 189608
 Ion Ratio Lower Upper
 146 100
 111 35.7 25.2 46.8
 148 64.9 44.2 82.0





#65

1,2-Dichlorobenzene

Concen: 51.199 ug/L

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampled :

VSTD05077

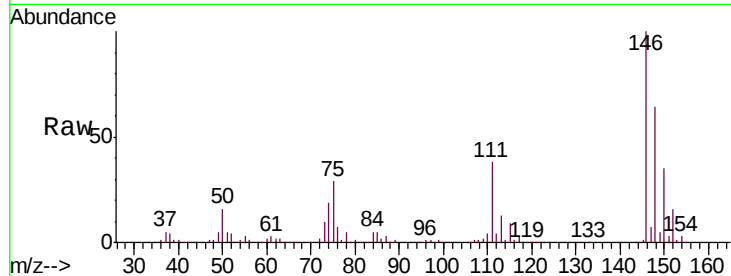
Tgt Ion:146 Resp: 189038

Ion Ratio Lower Upper

146 100

111 38.3 31.2 46.8

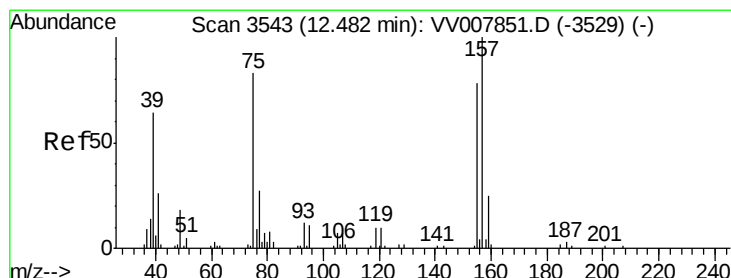
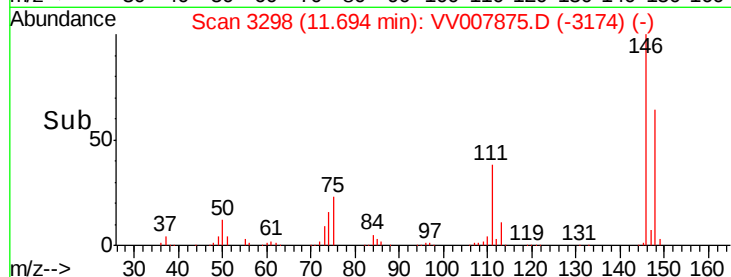
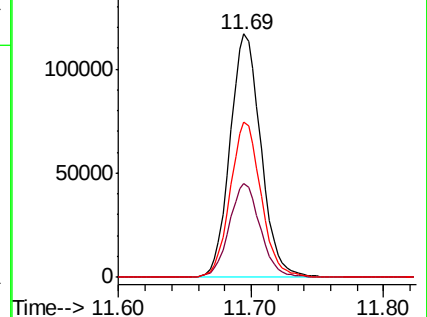
148 63.8 51.5 77.3



Abundance Ion 146.00 (145.70 to 146.70): 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: 50.726 ug/L

RT: 12.48 min Scan# 3543

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

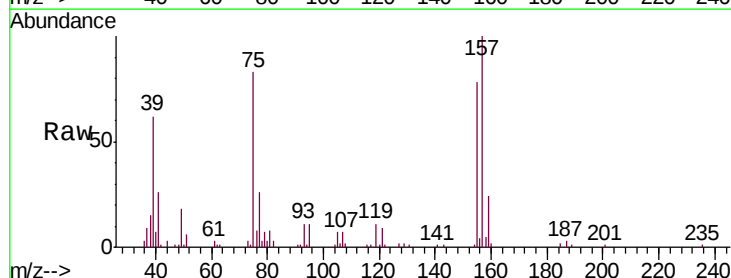
Tgt Ion: 75 Resp: 24505

Ion Ratio Lower Upper

75 100

155 94.5 75.6 113.4

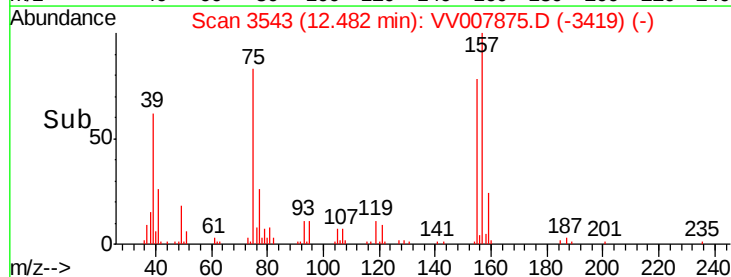
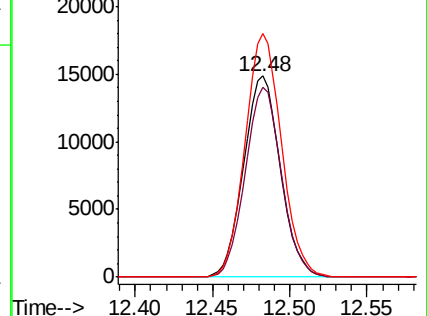
157 121.1 96.5 144.7

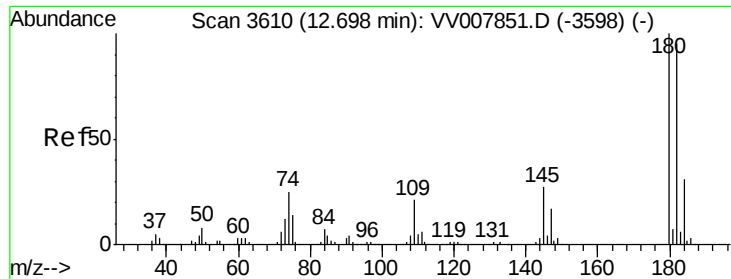


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

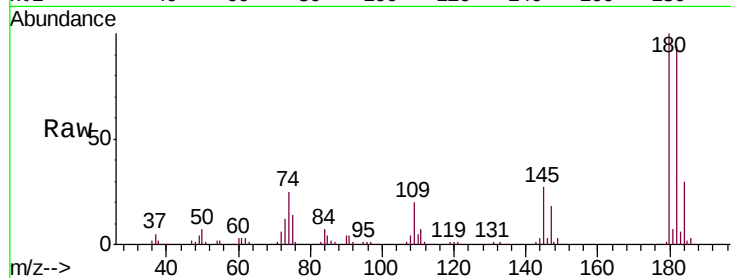




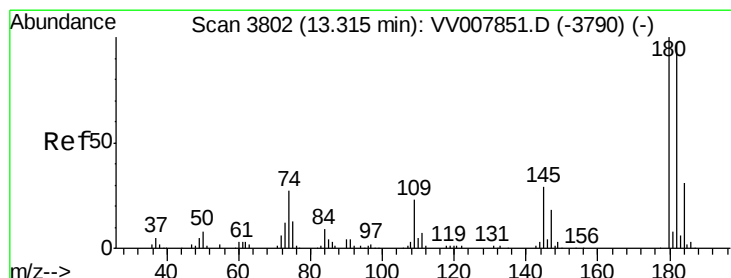
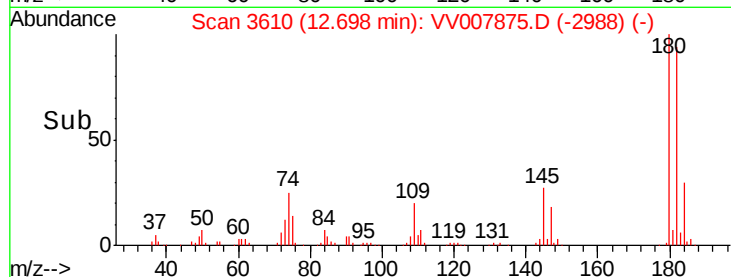
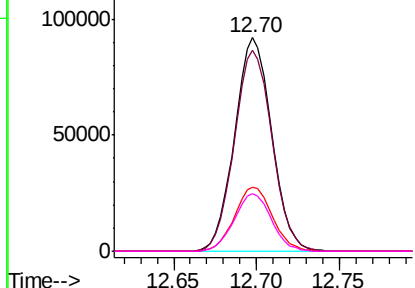
#67
 1,3,5-Trichlorobenzene
 Concen: 47.746 ug/L
 RT: 12.70 min Scan# 3610
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05077

Tgt Ion:	180	Resp:	143219
Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.8	115.2
184	30.6	24.6	36.8
145	27.1	21.7	32.5

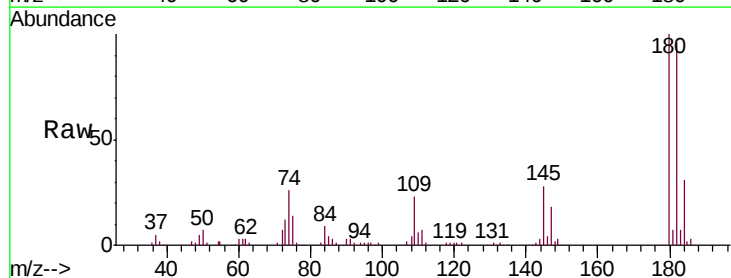


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

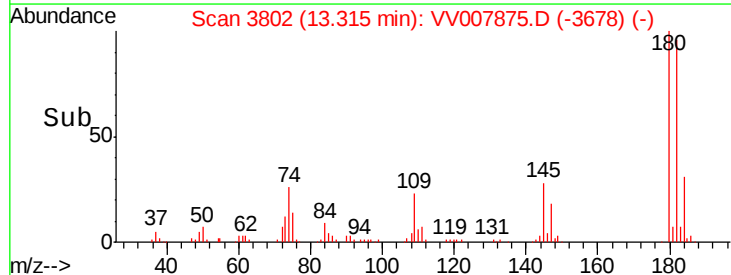
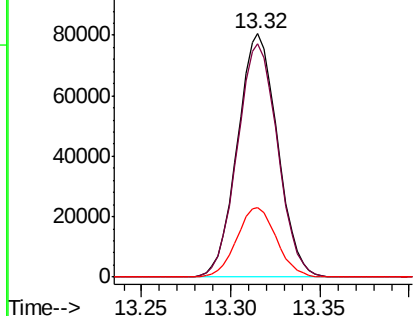


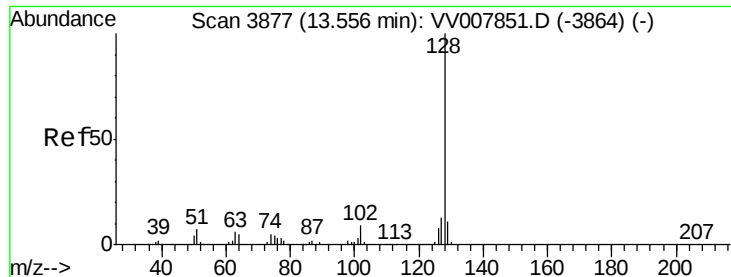
#68
 1,2,4-trichlorobenzene
 Concen: 49.747 ug/L
 RT: 13.32 min Scan# 3802
 Delta R.T. 0.00 min
 Lab File: VV007875.D
 Acq: 26 Sep 2018 00:14

Tgt Ion:	180	Resp:	125902
Ion	Ratio	Lower	Upper
180	100		
182	96.5	76.6	115.0
145	28.2	22.7	34.1



Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V





#69

Naphthalene

Concen: 51.094 ug/L

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_V

ClientSampleId :

VSTD05077

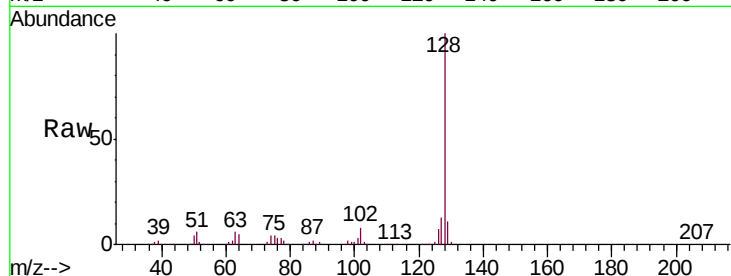
Tgt Ion:128 Resp: 316324

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

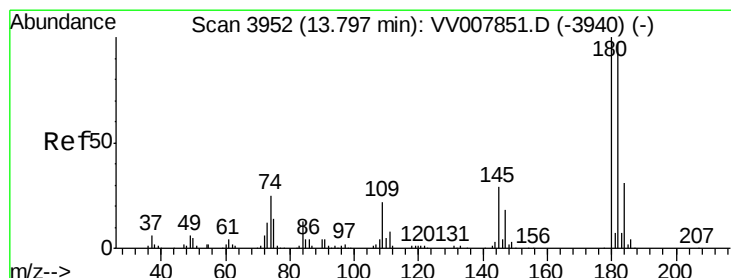
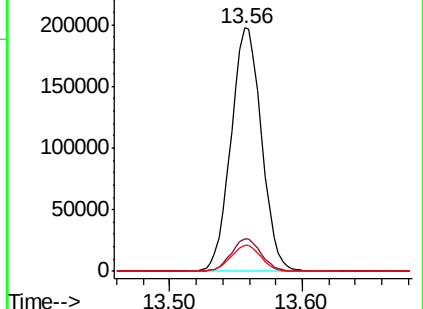
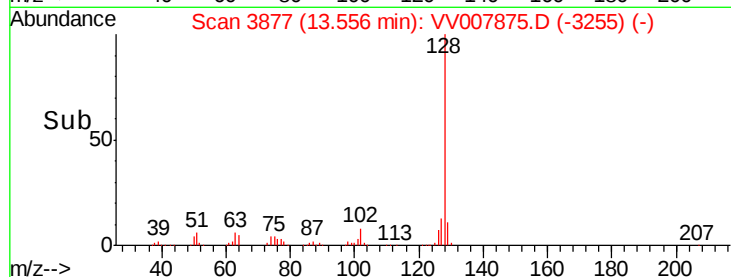
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 50.144 ug/L

RT: 13.80 min Scan# 3952

Delta R.T. 0.00 min

Lab File: VV007875.D

Acq: 26 Sep 2018 00:14

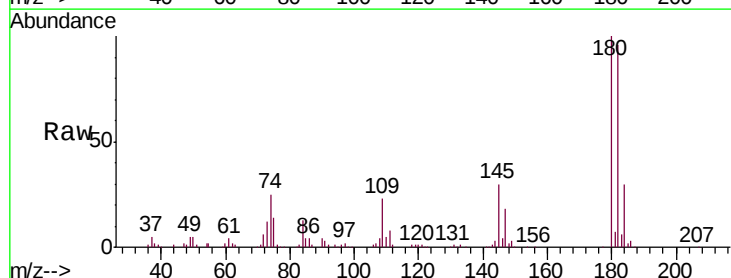
Tgt Ion:180 Resp: 128494

Ion Ratio Lower Upper

180 100

182 95.6 76.7 115.1

145 29.6 23.6 35.4



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

