

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008788.D
 Acq On : 30 Nov 2018 01:56
 Operator : SY/MD
 Sample : J6136-01
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP5

Quant Time: Nov 30 06:28:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 06:23:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	144760	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	134288	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	64496	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49157	4.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.20%
7) Chloroethane-d5	1.59	69	31775	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.14	63	91411	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.20%
20) 2-Butanone-d5	3.96	46	112632	50.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.42%
24) Chloroform-d	4.41	84	102673	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	48339	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.10	84	213148	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
36) 1,2-Dichloropropane-d6	6.12	67	62129	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.36	98	187879	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
43) trans-1,3-Dichloropropene-	7.67	79	20715	5.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.20%
46) 2-Hexanone-d5	8.14	63	85305	49.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.22%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39293	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	67770	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34853	2.721 ug/L	98
3) Chloromethane	1.25	50	73384	7.652 ug/L	99
5) Vinyl chloride	1.33	62	51651	5.414 ug/L	98
6) Bromomethane	1.54	94	33643	5.621 ug/L	94
8) Chloroethane	1.60	64	24745	4.530 ug/L	98
9) Trichlorofluoromethane	1.77	101	142053	9.968 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	35074	4.301 ug/L	99
12) 1,1-Dichloroethene	2.15	96	44724	6.282 ug/L	86
13) Acetone	2.22	43	1755	1.570 ug/L	93
15) Methyl Acetate	2.47	43	474	0.158 ug/L #	50
16) Methylene chloride	2.54	84	27935	3.480 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	107248	6.118 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	54738	6.997 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	77892	7.087 ug/L	98
23) Bromochloromethane	4.31	128	11214	2.487 ug/L	96
25) Chloroform	4.43	83	95629	5.060 ug/L	96
27) 1,2-Dichloroethane	5.18	62	62264	5.734 ug/L	100

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 ALS Vial : 31 Sample Multiplier: 1

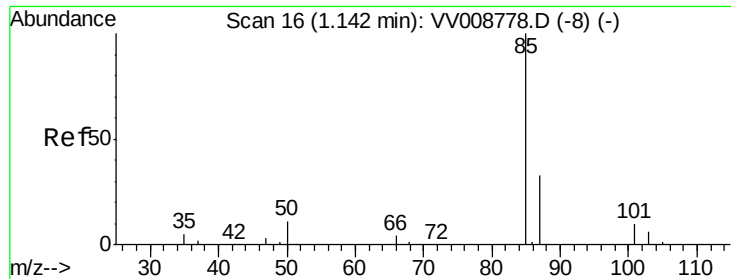
Instrument :
 MSVOA_V
 ClientSampleId :
 YALP5

Quant Time: Nov 30 06:28:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
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 Response via : Initial Calibration

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

29) 1,1,1-Trichloroethane	4.66	97	88112	5.621	ug/L	99
31) Carbon tetrachloride	4.88	117	74067	5.459	ug/L	99
34) Trichloroethene	5.96	95	103458	9.240	ug/L	99
35) Methylcyclohexane	6.12	83	14976	0.843	ug/L #	19
37) 1,2-Dichloropropane	6.23	63	56990	5.693	ug/L	99
38) Bromodichloromethane	6.56	83	26211	2.293	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	24608	1.872	ug/L	99
42) Toluene	7.43	91	145875	3.461	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	64225	9.671	ug/L	98
47) Tetrachloroethene	8.02	164	48948	5.653	ug/L	98
49) Dibromochloromethane	8.29	129	48977	6.773	ug/L	98
52) Ethylbenzene	9.06	91	526799	11.550	ug/L	100
53) m,p-xylene	9.06	106	165446	9.673	ug/L #	32
54) o-xylene	9.59	106	57666	3.495	ug/L	97
55) Styrene	9.61	104	96811	3.529	ug/L	99
56) Isopropylbenzene	9.98	105	366849	8.162	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	37619	5.312	ug/L	100
59) 1,2,3-Trichloropropane	10.26	75	7476	1.302	ug/L #	1
62) 1,3-Dichlorobenzene	11.23	146	50297	2.369	ug/L	97
63) 1,4-Dichlorobenzene	11.23	146	50297	2.395	ug/L	95
65) 1,2-Dichlorobenzene	11.69	146	45847	2.289	ug/L	99

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



#2

Dichlorodifluoromethane

Concen: 2.721 ug/L

RT: 1.14 min Scan# 15

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

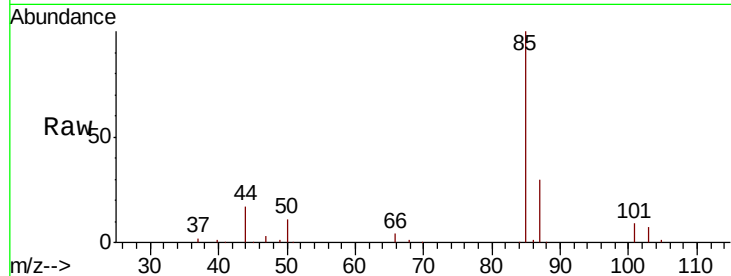
YALP5

Tgt Ion: 85 Resp: 34853

Ion Ratio Lower Upper

85 100

87 30.4 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VV008778.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV008778.D (-8) (-)

1.14

40000

30000

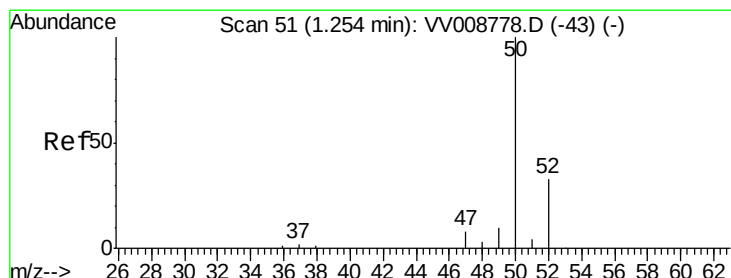
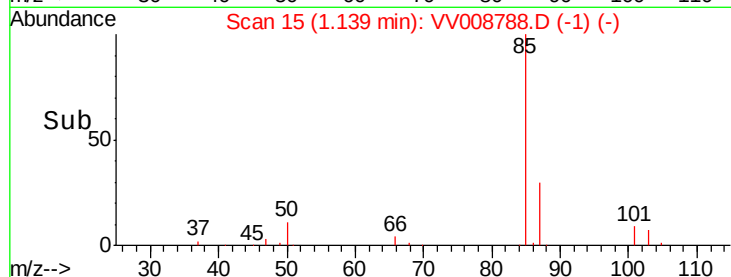
20000

10000

0

Time-->

1.10 1.15 1.20



#3

Chloromethane

Concen: 7.652 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV008788.D

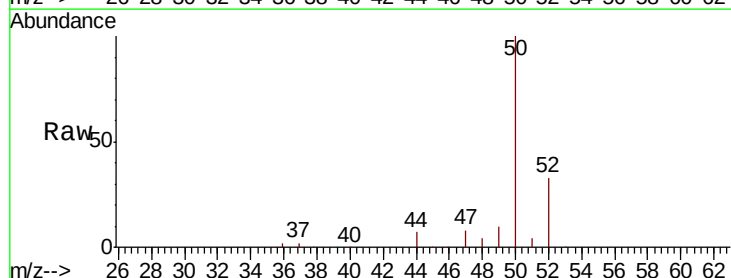
Acq: 30 Nov 2018 01:56

Tgt Ion: 50 Resp: 73384

Ion Ratio Lower Upper

50 100

52 33.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV008778.D (-43) (-)

Ion 52.05 (51.75 to 52.75): VV008778.D (-43) (-)

1.25

80000

60000

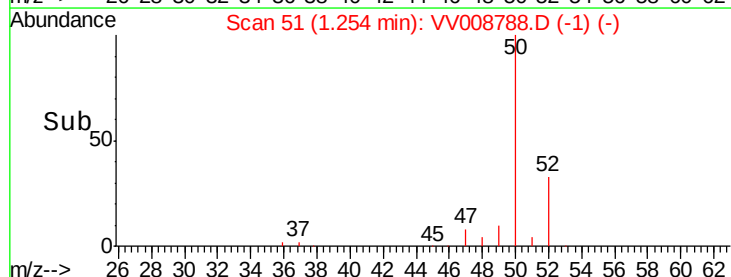
40000

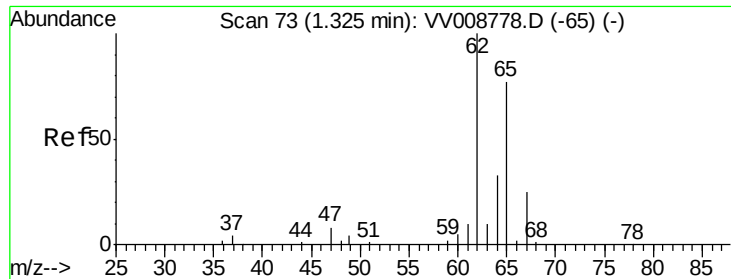
20000

0

Time-->

1.20 1.25 1.30





#5

Vinyl chloride

Concen: 5.414 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV008778.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleID :

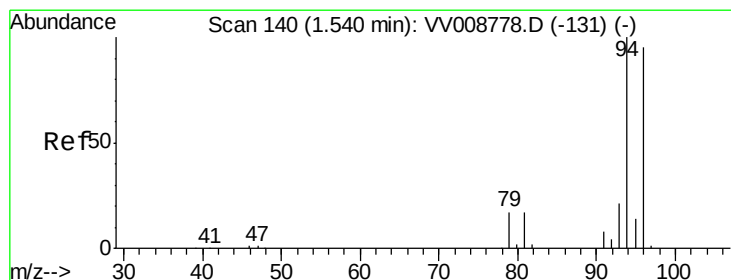
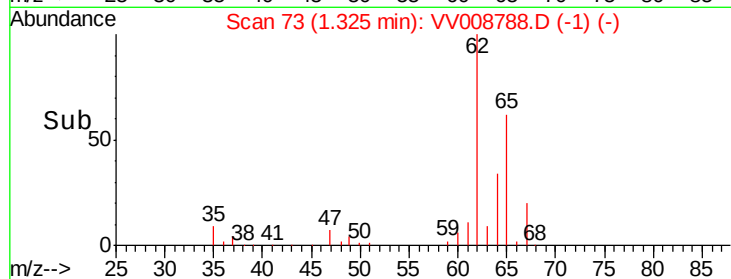
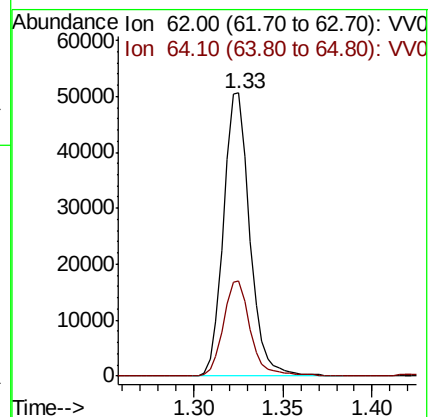
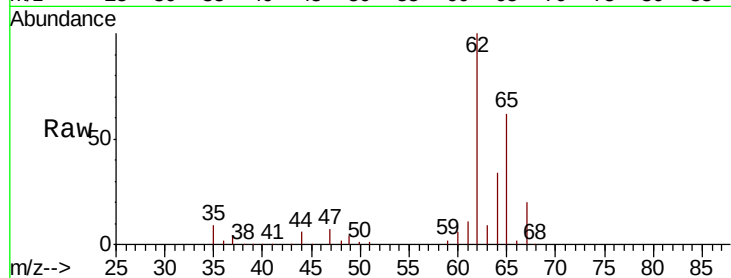
YALP5

Tgt Ion: 62 Resp: 51651

Ion Ratio Lower Upper

62 100

64 33.5 22.7 42.1



#6

Bromomethane

Concen: 5.621 ug/L

RT: 1.54 min Scan# 139

Delta R.T. -0.00 min

Lab File: VV008778.D

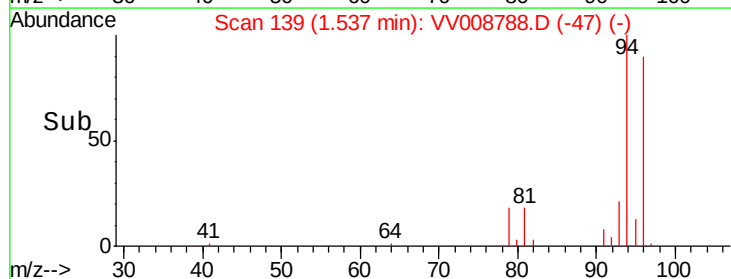
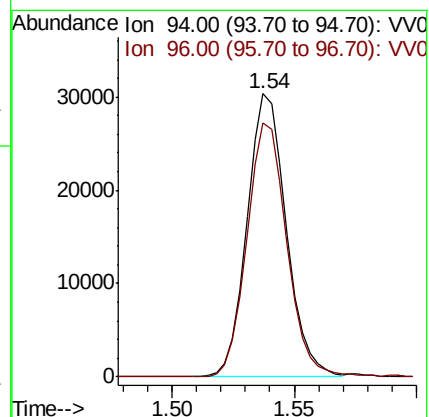
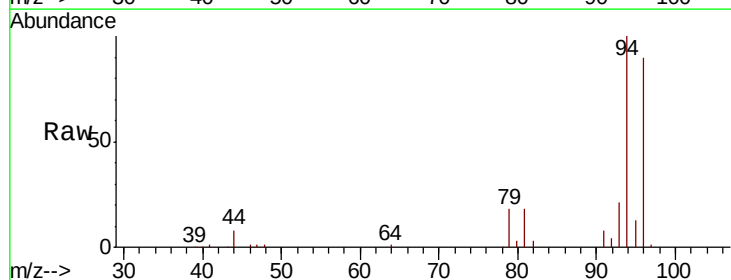
Acq: 30 Nov 2018 01:56

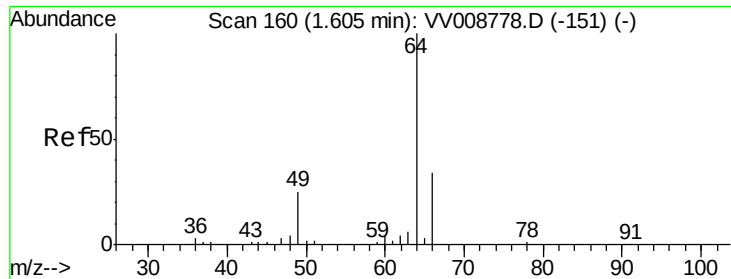
Tgt Ion: 94 Resp: 33643

Ion Ratio Lower Upper

94 100

96 89.8 67.0 124.4





#8

Chloroethane

Concen: 4.530 ug/L

RT: 1.60 min Scan# 159

Delta R.T. -0.00 min

Lab File: VV008778.D

Acq: 30 Nov 2018 01:56

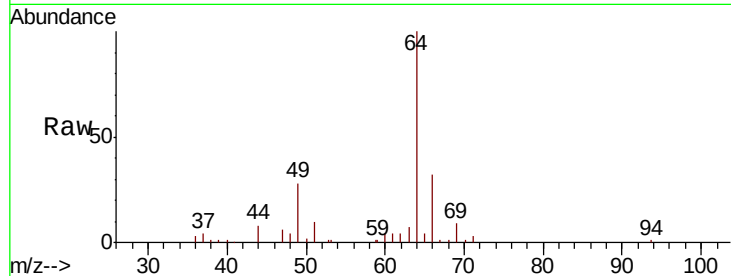
Instrument :
MSVOA_V
ClientSampleId :
YALP5

Tgt Ion: 64 Resp: 24745

Ion Ratio Lower Upper

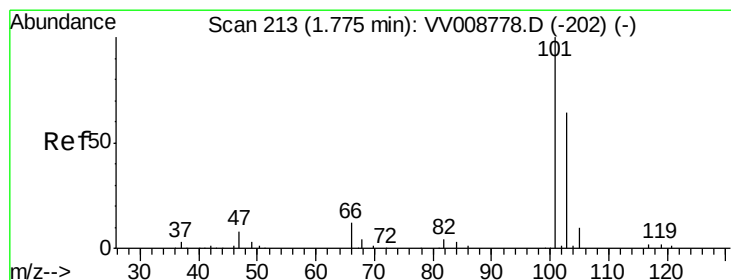
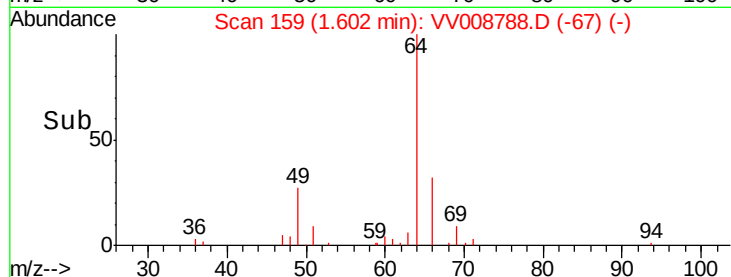
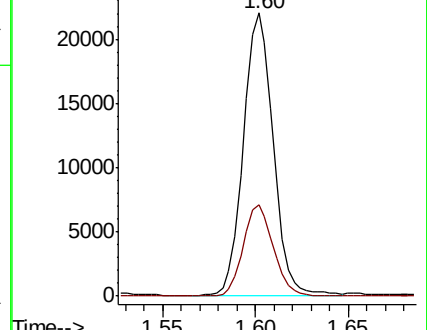
64 100

66 32.5 21.8 40.6



Abundance Ion 64.10 (63.80 to 64.80): VV008778.D (-151) (-)

Ion 66.05 (65.75 to 66.75): VV008778.D (-151) (-)



#9

Trichlorofluoromethane

Concen: 9.968 ug/L

RT: 1.77 min Scan# 212

Delta R.T. -0.00 min

Lab File: VV008778.D

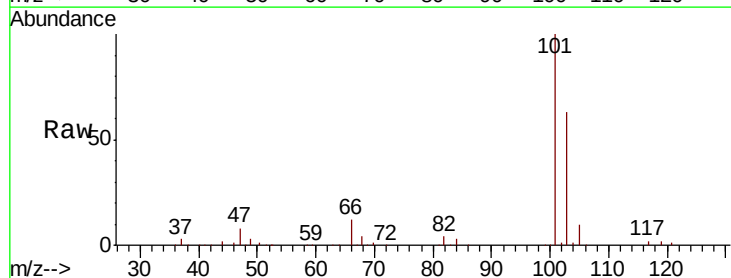
Acq: 30 Nov 2018 01:56

Tgt Ion: 101 Resp: 142053

Ion Ratio Lower Upper

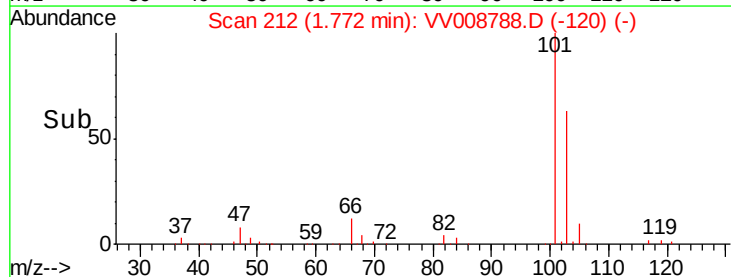
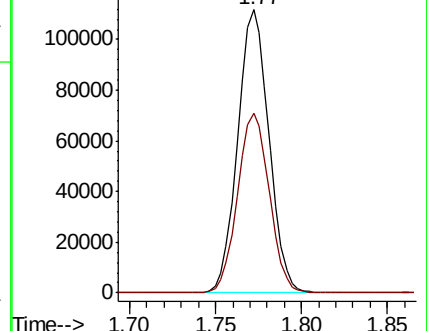
101 100

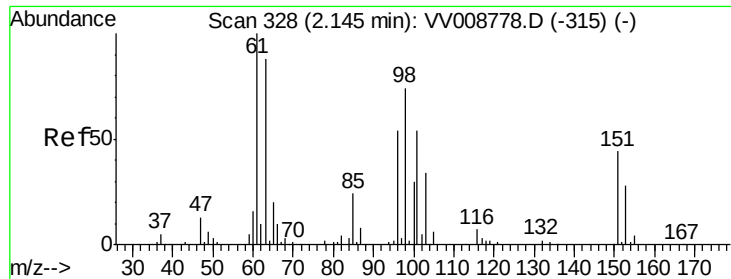
103 64.4 52.6 79.0



Abundance Ion 101.00 (100.70 to 101.70): VV008778.D (-202) (-)

Ion 103.00 (102.70 to 103.70): VV008778.D (-202) (-)





#10

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

Concen: 4.301 ug/L

RT: 2.14 min Scan# 327

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampled :

YALP5

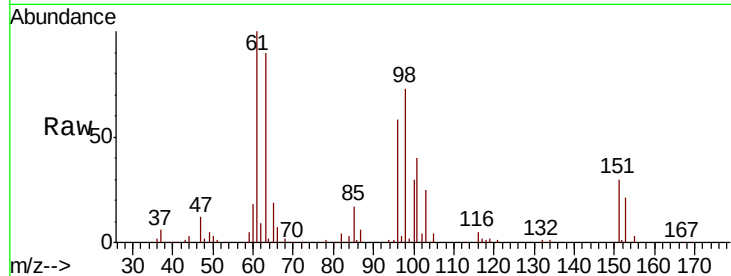
Tgt Ion:101 Resp: 35074

Ion Ratio Lower Upper

101 100

85 42.0 33.1 49.7

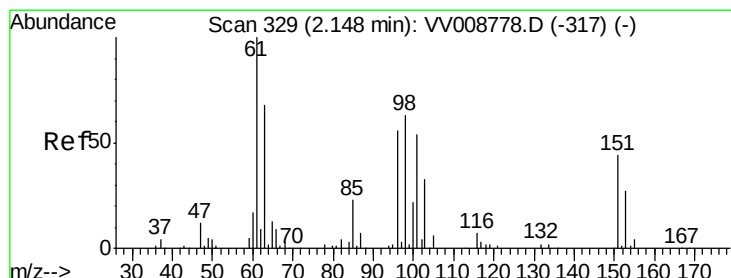
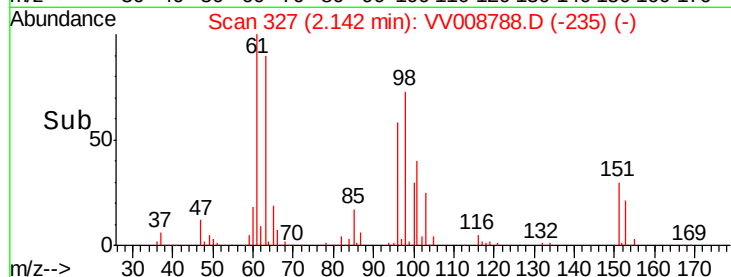
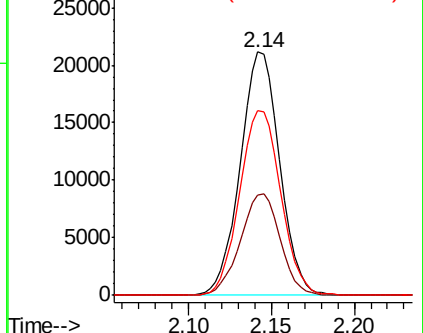
151 79.0 63.8 95.8



Abundance Ion 101.00 (100.70 to 101.70): VV008778.D (-315) (-)

Ion 85.00 (84.70 to 85.70): VV008778.D (-315) (-)

Ion 151.00 (150.70 to 151.70): VV008778.D (-315) (-)



#12

1,1-Dichloroethene

Concen: 6.282 ug/L

RT: 2.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

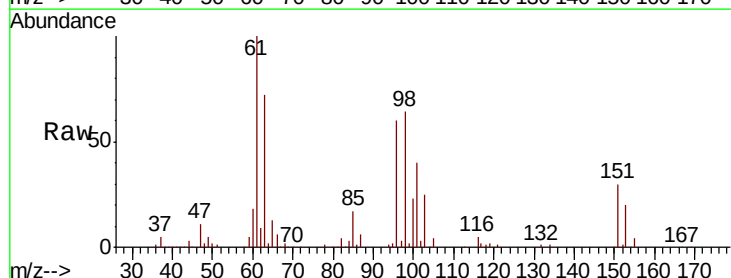
Tgt Ion: 96 Resp: 44724

Ion Ratio Lower Upper

96 100

61 165.8 124.3 230.8

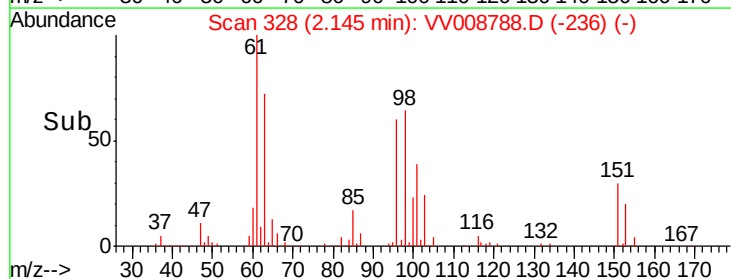
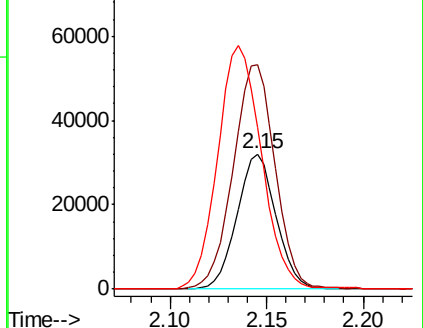
63 119.5 102.6 190.5

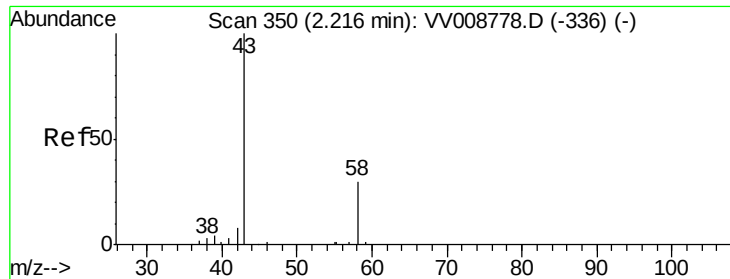


Abundance Ion 96.00 (95.70 to 96.70): VV008778.D (-317) (-)

Ion 61.05 (60.75 to 61.75): VV008778.D (-317) (-)

Ion 63.00 (62.70 to 63.70): VV008778.D (-317) (-)





#13

Acetone

Concen: 1.570 ug/L

RT: 2.22 min Scan# 350

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

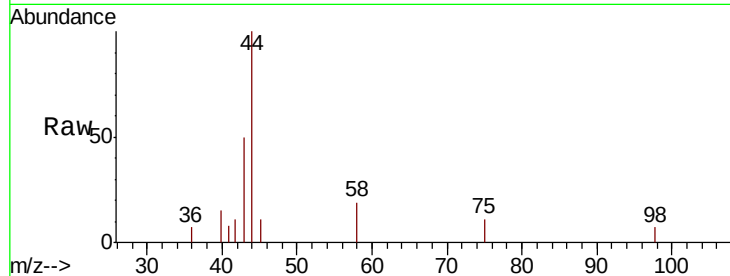
YALP5

Tgt Ion: 43 Resp: 1755

Ion Ratio Lower Upper

43 100

58 26.3 0.0 59.8



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV008778.D (-336) (-)

2.22

800

600

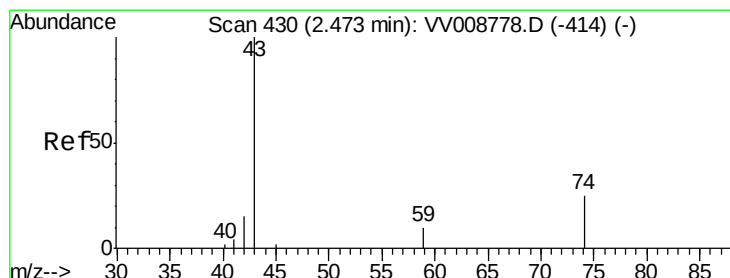
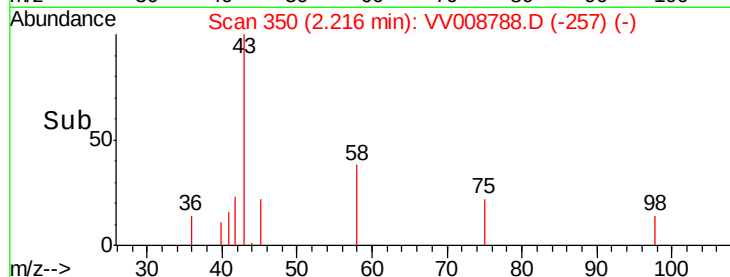
400

200

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.158 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VV008788.D

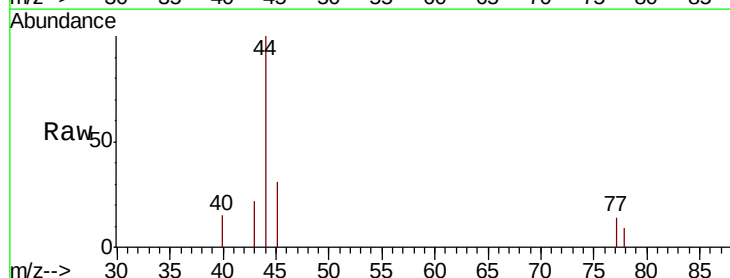
Acq: 30 Nov 2018 01:56

Tgt Ion: 43 Resp: 474

Ion Ratio Lower Upper

43 100

74 0.0 20.0 30.0#



Abundance Ion 43.05 (42.75 to 43.75): VV008778.D (-414) (-)

Ion 74.05 (73.75 to 74.75): VV008778.D (-414) (-)

2.47

300

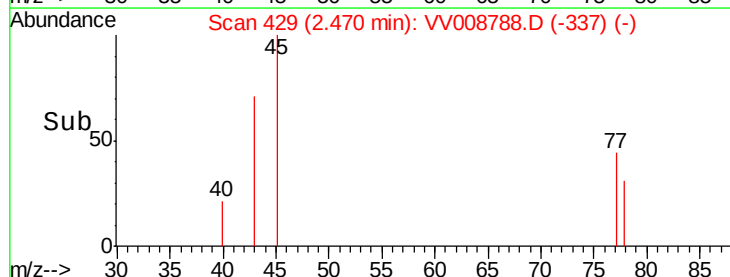
200

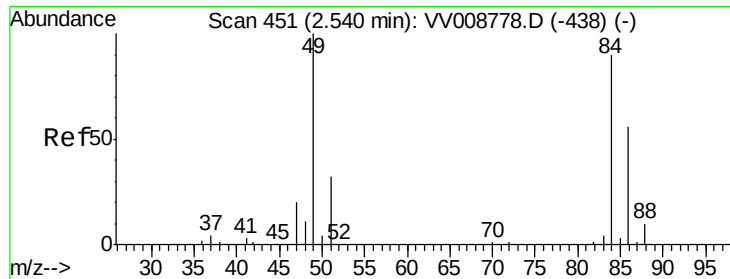
100

0

2.44 2.46 2.48 2.50

Time-->

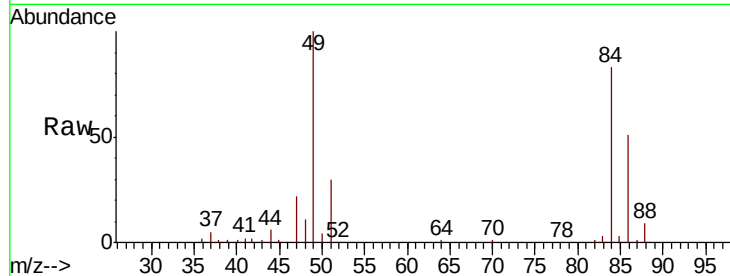




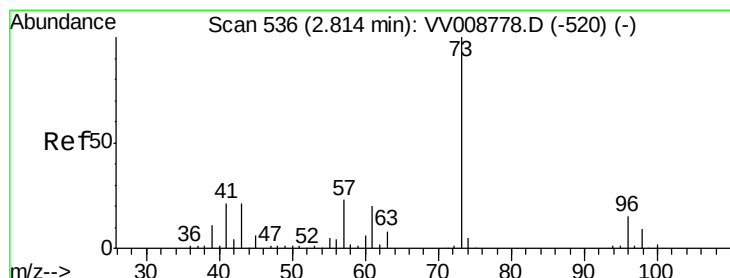
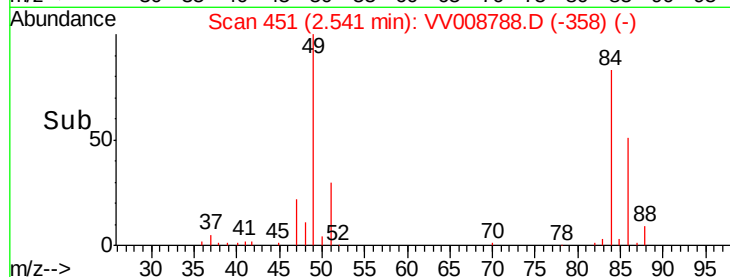
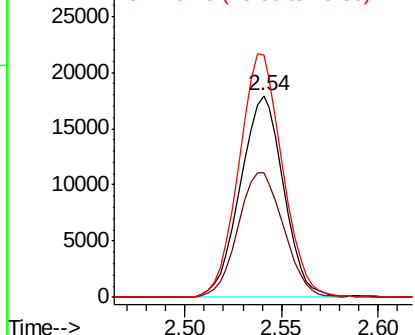
#16
Methylene chloride
Concen: 3.480 ug/L
RT: 2.54 min Scan# 451
Delta R.T. 0.00 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

Instrument :
MSVOA_V
ClientSampleId :
YALP5

Tgt Ion: 84 Resp: 27935
Ion Ratio Lower Upper
84 100
86 61.7 45.8 85.2
49 120.2 85.9 159.5

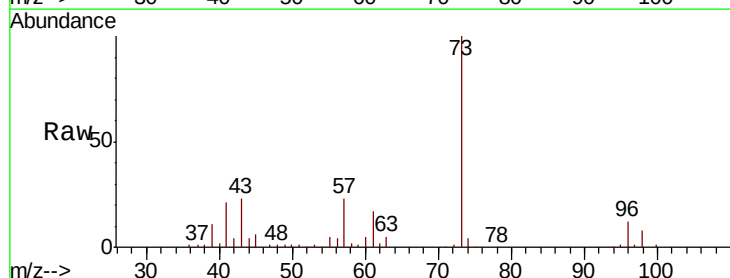


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

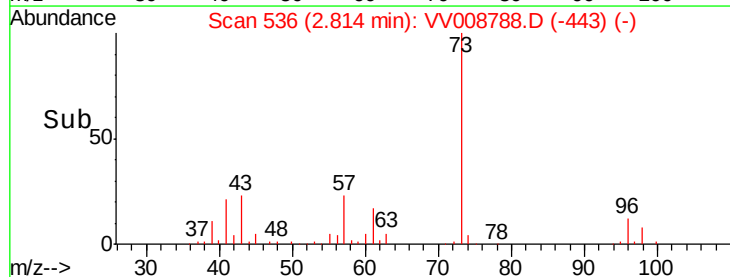
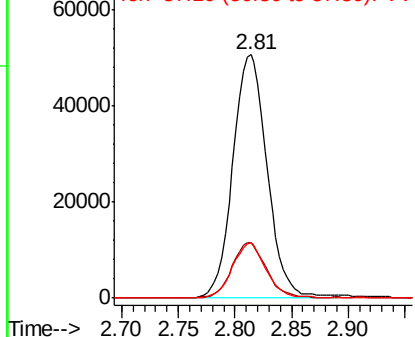


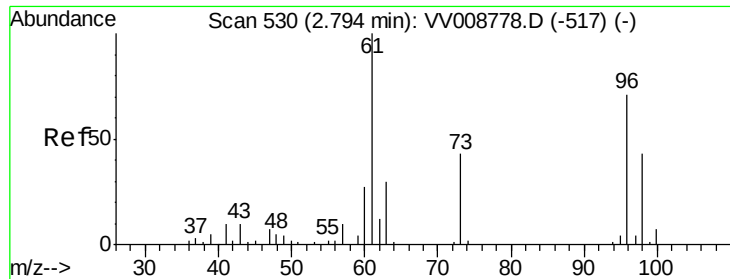
#17
Methyl tert-butyl Ether
Concen: 6.118 ug/L
RT: 2.81 min Scan# 536
Delta R.T. 0.00 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

Tgt Ion: 73 Resp: 107248
Ion Ratio Lower Upper
73 100
43 22.0 18.0 27.0
57 22.1 17.2 25.8



Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0





#18

trans-1,2-Dichloroethene

Concen: 6.997 ug/L

RT: 2.79 min Scan# 530

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

YALP5

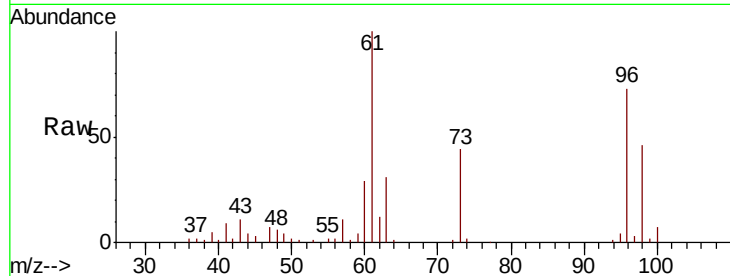
Tgt Ion: 96 Resp: 54738

Ion Ratio Lower Upper

96 100

61 137.1 95.8 177.8

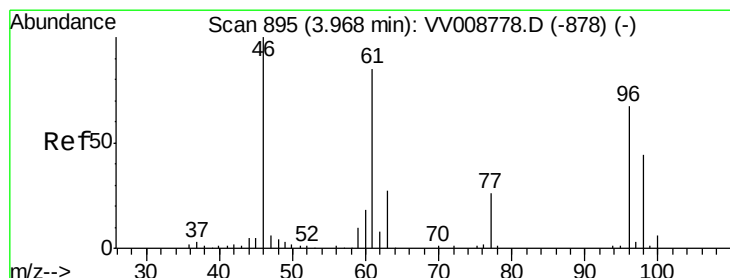
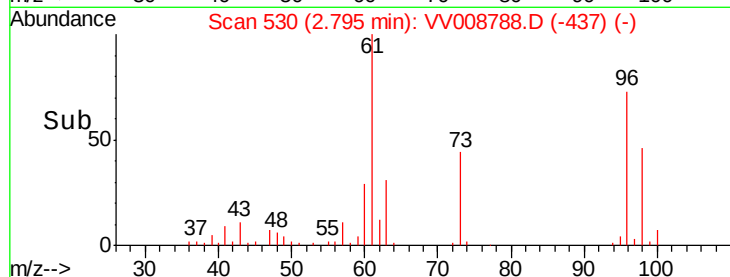
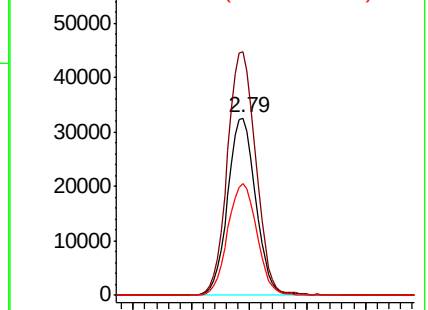
98 62.8 43.3 80.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 7.087 ug/L

RT: 3.96 min Scan# 894

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

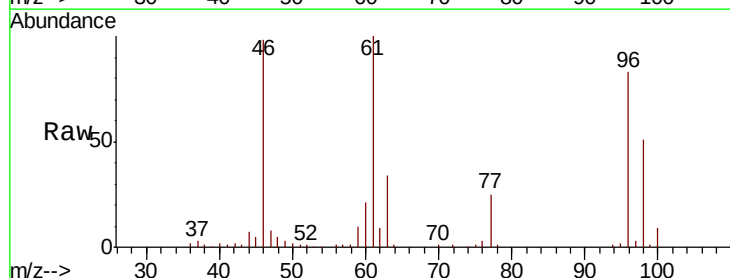
Tgt Ion: 96 Resp: 77892

Ion Ratio Lower Upper

96 100

61 120.2 85.9 159.5

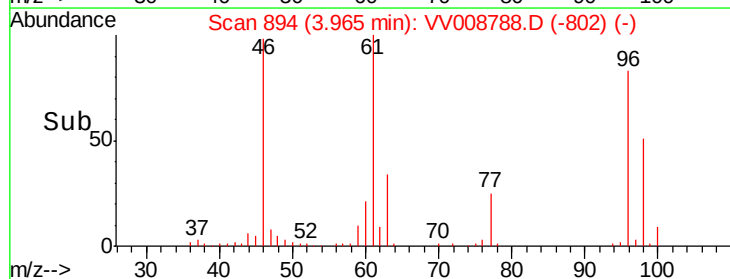
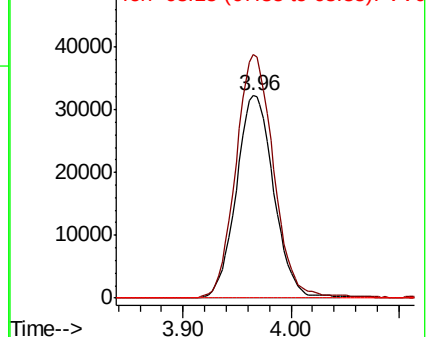
68 0.0 0.0 0.0

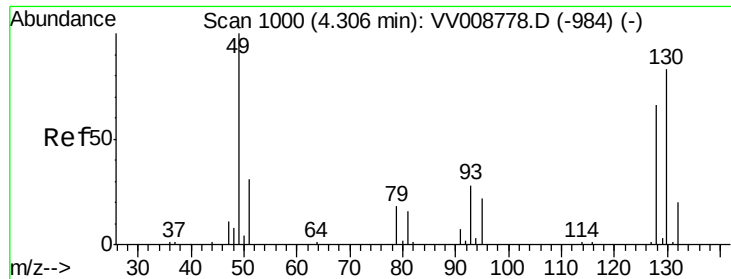


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

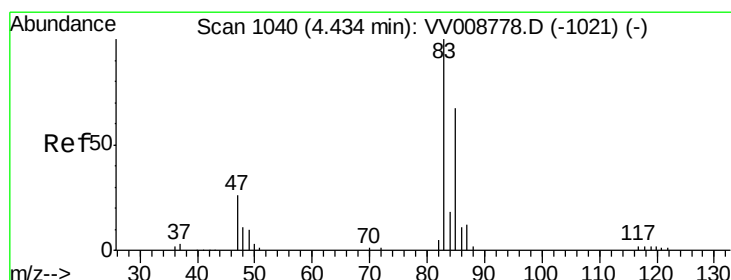
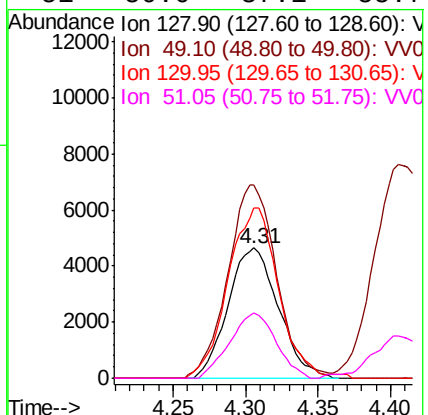
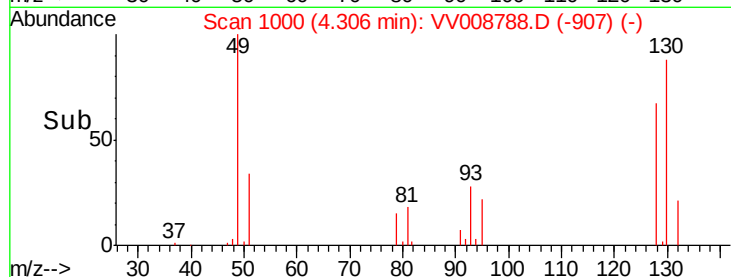
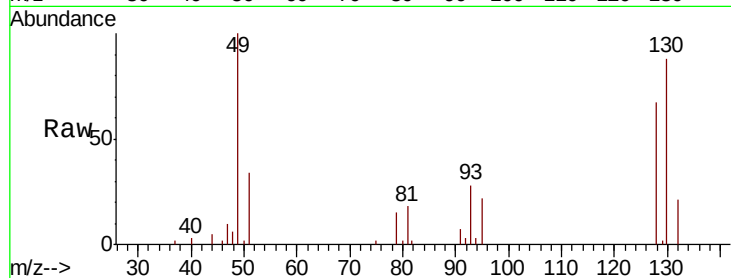




#23
 Bromochloromethane
 Concen: 2.487 ug/L
 RT: 4.31 min Scan# 1000
 Delta R.T. 0.00 min
 Lab File: VV008788.D
 Acq: 30 Nov 2018 01:56

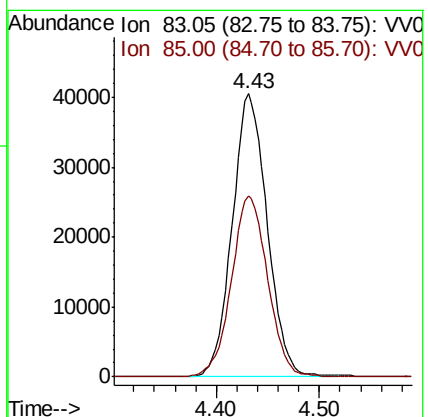
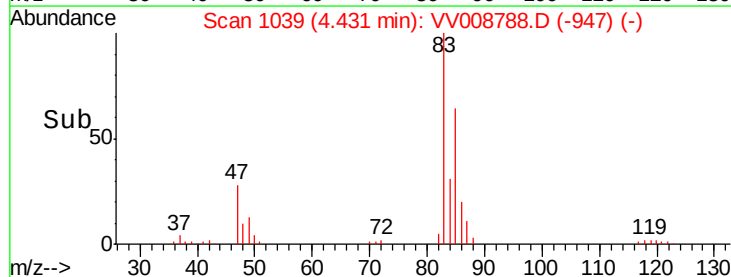
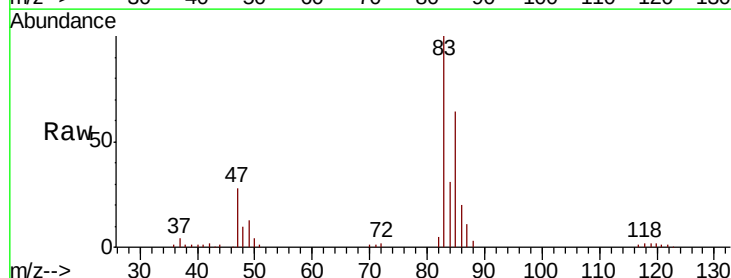
Instrument :
 MSVOA_V
 ClientSampleId :
 YALP5

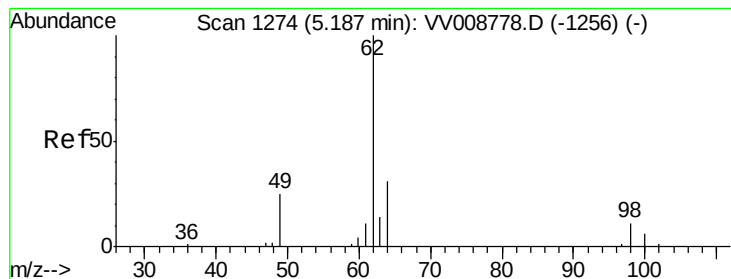
Tgt Ion:	128	Resp:	11214
Ion	Ratio	Lower	Upper
128	100		
49	148.7	100.4	186.4
130	130.5	88.5	164.4
51	50.0	37.1	55.7



#25
 Chloroform
 Concen: 5.060 ug/L
 RT: 4.43 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: VV008788.D
 Acq: 30 Nov 2018 01:56

Tgt Ion:	83	Resp:	95629
Ion	Ratio	Lower	Upper
83	100		
85	63.9	47.0	87.4





#27

1,2-Dichloroethane

Concen: 5.734 ug/L

RT: 5.18 min Scan# 1273

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

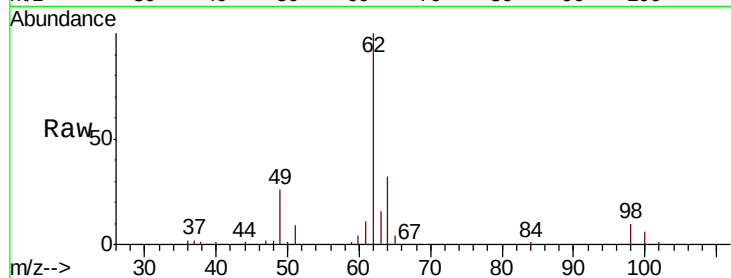
YALP5

Tgt Ion: 62 Resp: 62264

Ion Ratio Lower Upper

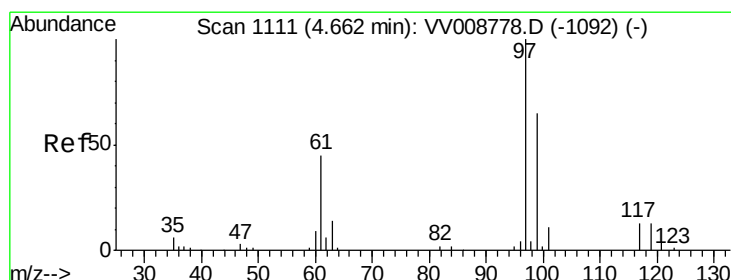
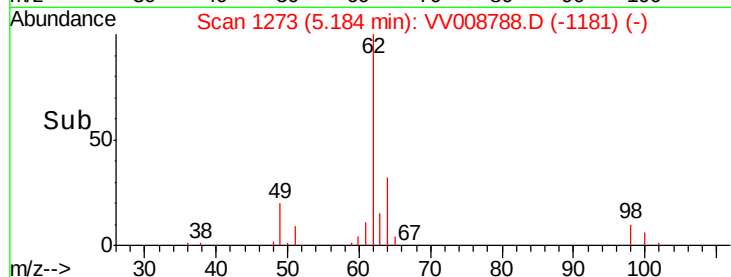
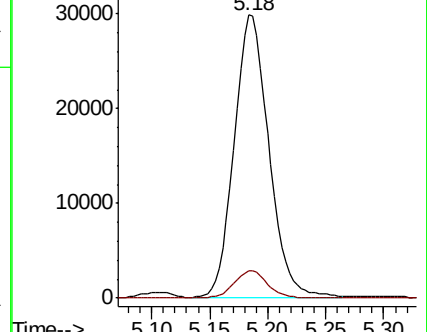
62 100

98 9.6 7.7 11.5



Abundance Ion 62.00 (61.70 to 62.70): VV008778.D (-1256) (-)

Ion 98.05 (97.75 to 98.75): VV008778.D (-1256) (-)



#29

1,1,1-Trichloroethane

Concen: 5.621 ug/L

RT: 4.66 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

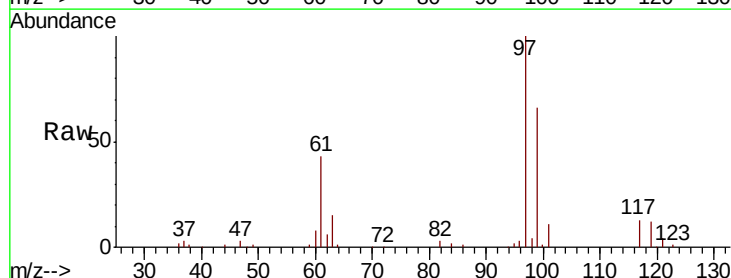
Tgt Ion: 97 Resp: 88112

Ion Ratio Lower Upper

97 100

99 63.7 52.1 78.1

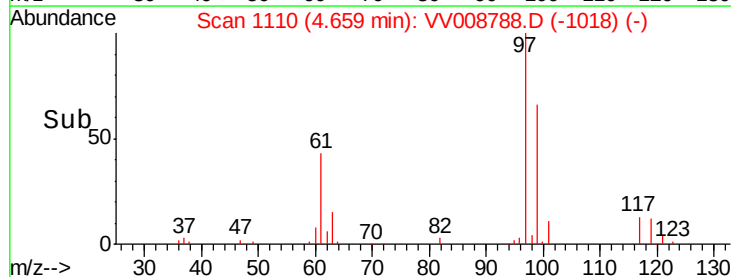
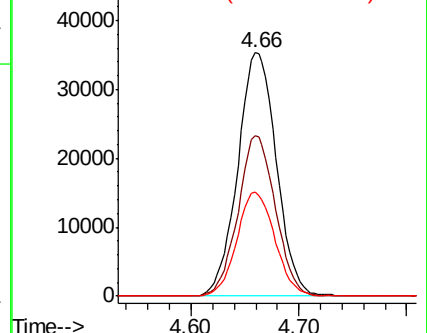
61 42.0 33.9 50.9

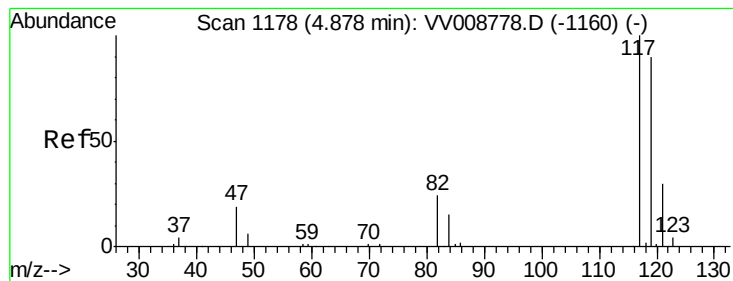


Abundance Ion 96.95 (96.65 to 97.65): VV008778.D (-1092) (-)

Ion 99.05 (98.75 to 99.75): VV008778.D (-1092) (-)

Ion 61.05 (60.75 to 61.75): VV008778.D (-1092) (-)





#31

Carbon tetrachloride

Concen: 5.459 ug/L

RT: 4.88 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

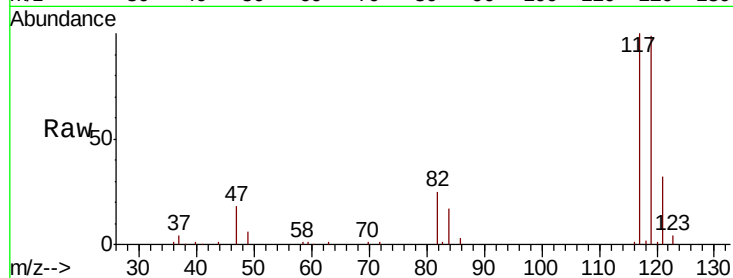
YALP5

Tgt Ion:117 Resp: 74067

Ion Ratio Lower Upper

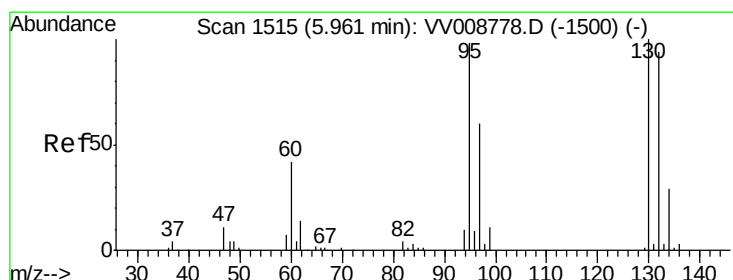
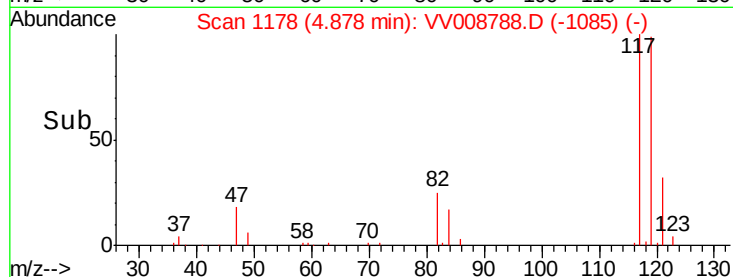
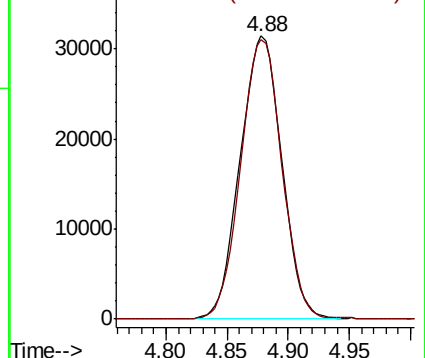
117 100

119 98.0 77.7 116.5



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#34

Trichloroethene

Concen: 9.240 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Tgt Ion: 95 Resp: 103458

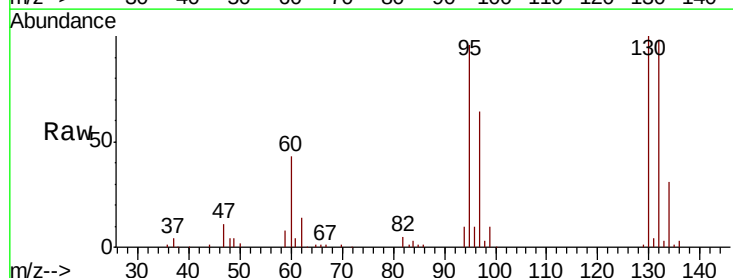
Ion Ratio Lower Upper

95 100

97 67.1 46.5 86.3

132 102.2 69.4 128.8

130 104.7 73.1 135.8

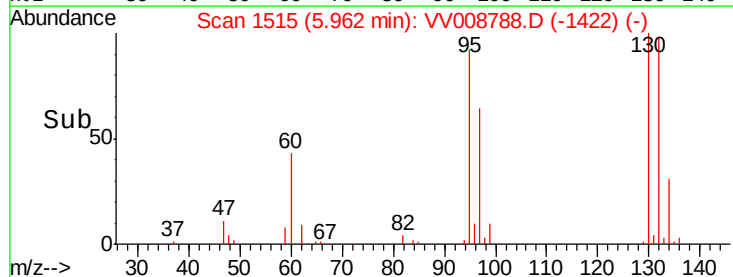
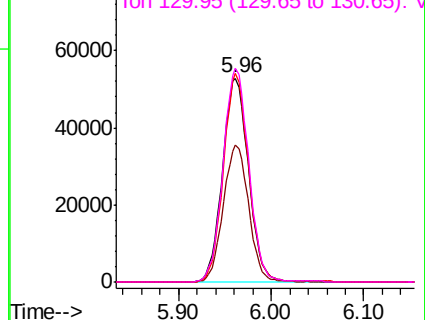


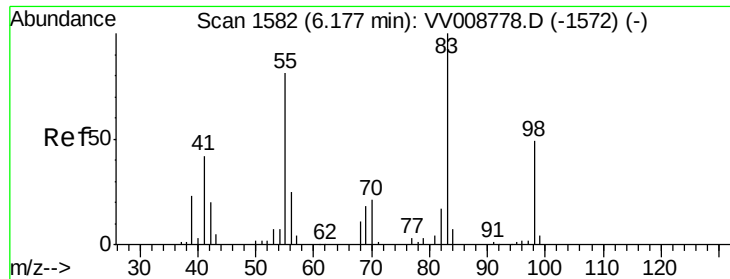
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

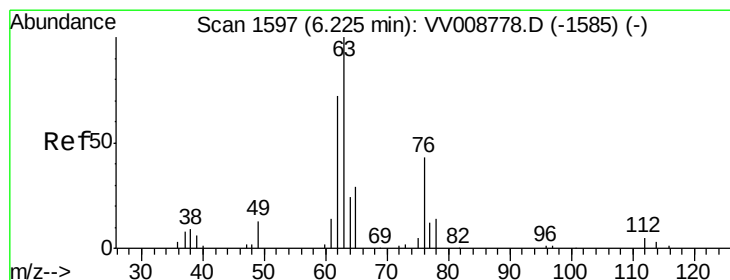
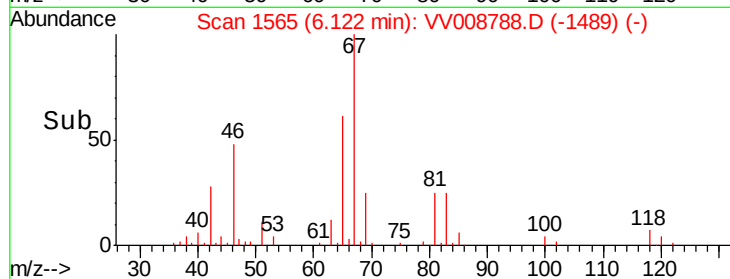
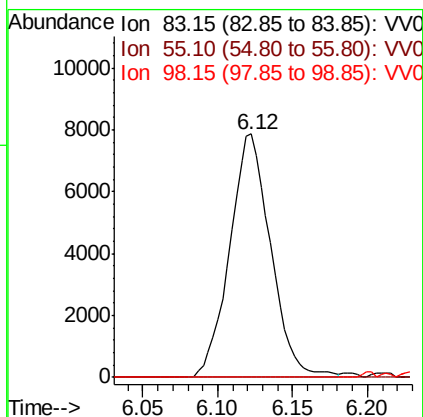
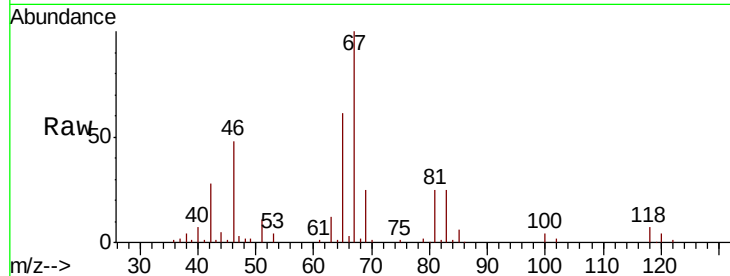




#35
Methylcyclohexane
Concen: 0.843 ug/L
RT: 6.12 min Scan# 1565
Delta R.T. -0.05 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

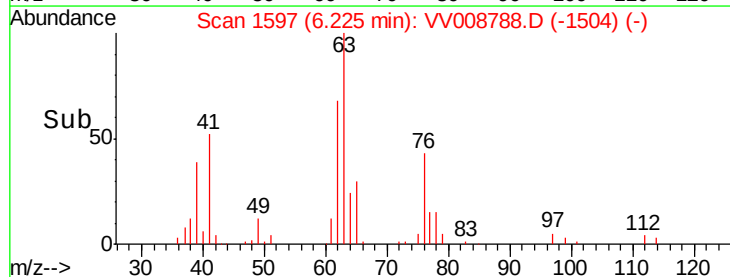
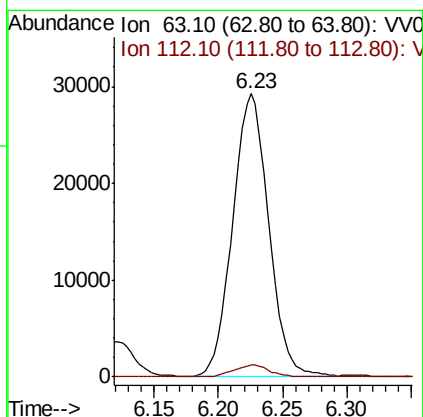
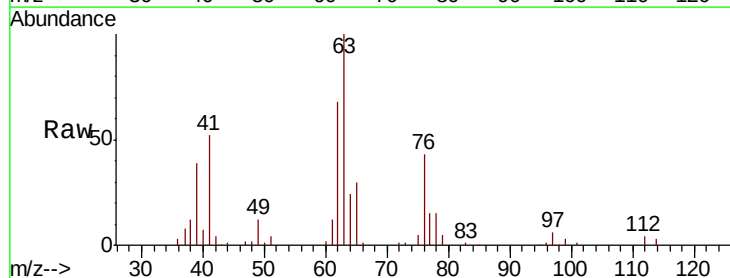
Instrument :
MSVOA_V
ClientSampleId :
YALP5

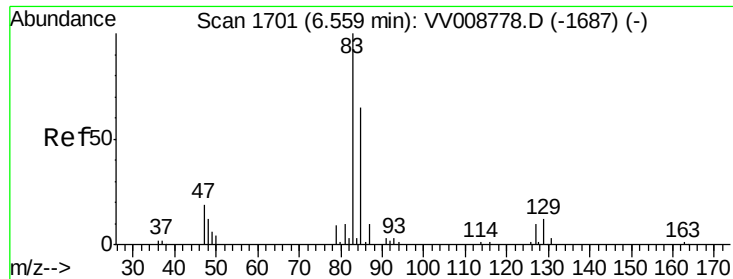
Tgt Ion: 83 Resp: 14976
Ion Ratio Lower Upper
83 100
55 0.0 60.1 90.1#
98 1.0 37.4 56.2#



#37
1,2-Dichloropropane
Concen: 5.693 ug/L
RT: 6.23 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

Tgt Ion: 63 Resp: 56990
Ion Ratio Lower Upper
63 100
112 4.1 3.5 5.3





#38

Bromodichloromethane

Concen: 2.293 ug/L

RT: 6.56 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :
MSVOA_V
ClientSampleId :
YALP5

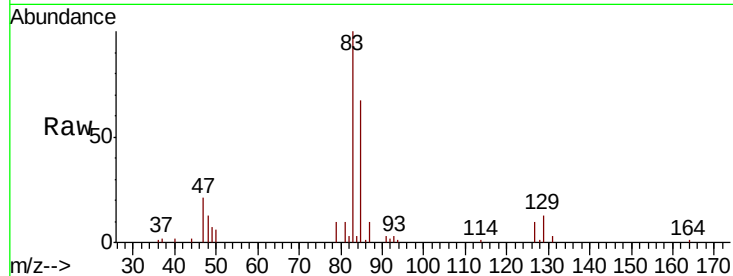
Tgt Ion: 83 Resp: 26211

Ion Ratio Lower Upper

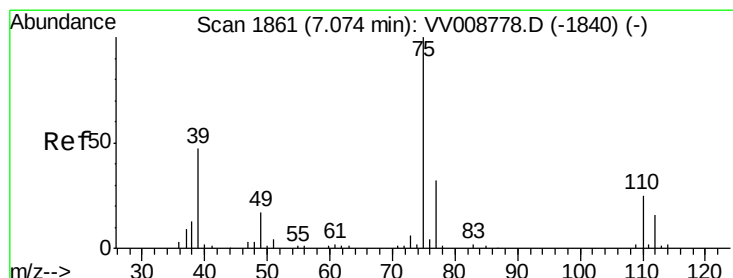
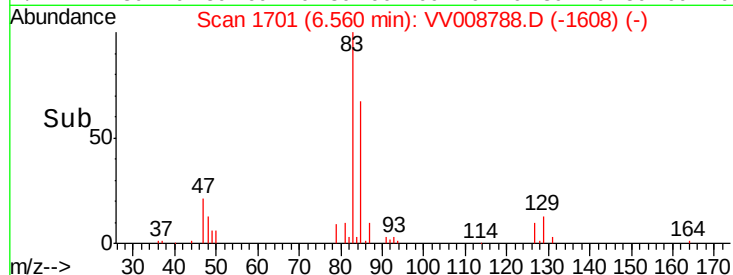
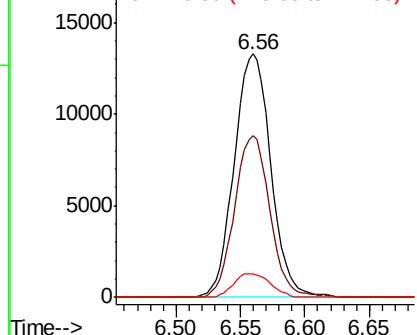
83 100

85 66.6 44.4 82.4

127 9.7 6.9 10.3



Abundance Ion 82.95 (82.65 to 83.65): VV0
Ion 85.00 (84.70 to 85.70): VV0
Ion 126.90 (126.60 to 127.60): V



#39

cis-1,3-Dichloropropene

Concen: 1.872 ug/L

RT: 7.07 min Scan# 1861

Delta R.T. 0.00 min

Lab File: VV008788.D

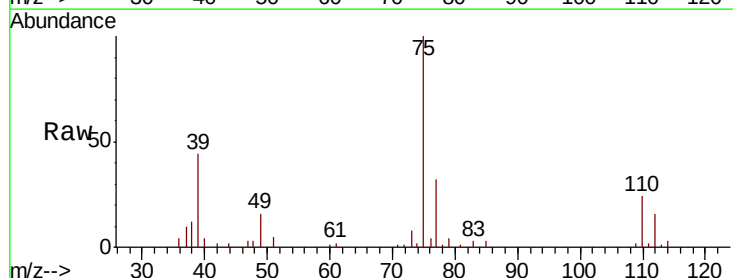
Acq: 30 Nov 2018 01:56

Tgt Ion: 75 Resp: 24608

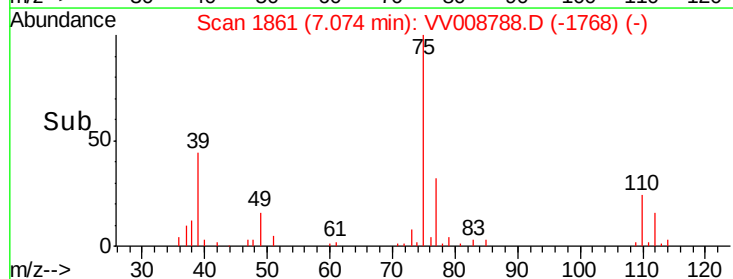
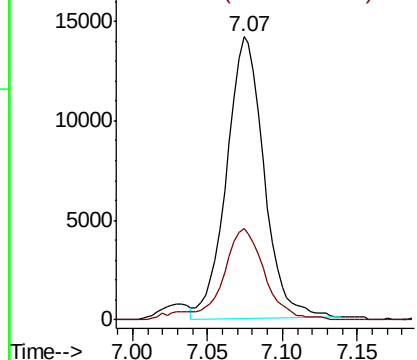
Ion Ratio Lower Upper

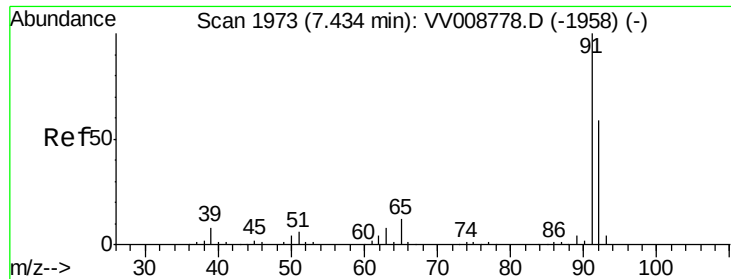
75 100

77 32.1 22.8 42.4



Abundance Ion 75.05 (74.75 to 75.75): VV0
Ion 77.05 (76.75 to 77.75): VV0





#42

Toluene

Concen: 3.461 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

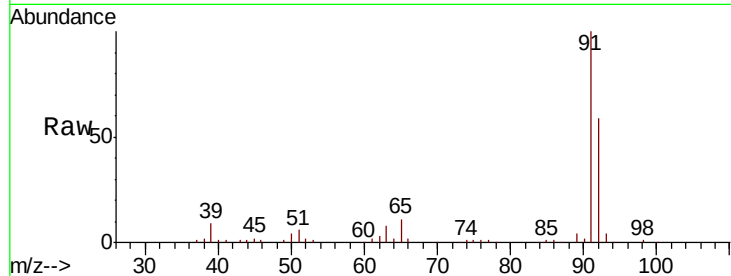
YALP5

Tgt Ion: 91 Resp: 145875

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.3



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

80000

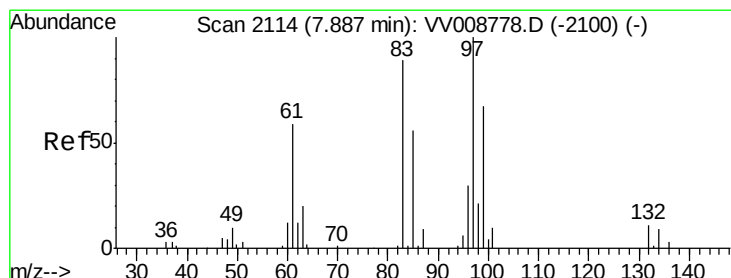
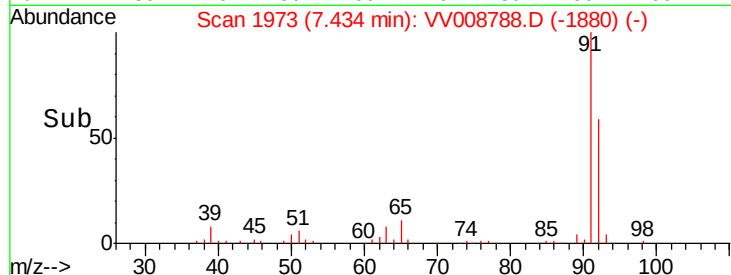
60000

40000

20000

0

Time-->



#45

1,1,2-Trichloroethane

Concen: 9.671 ug/L

RT: 7.89 min Scan# 2114

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Tgt Ion: 97 Resp: 64225

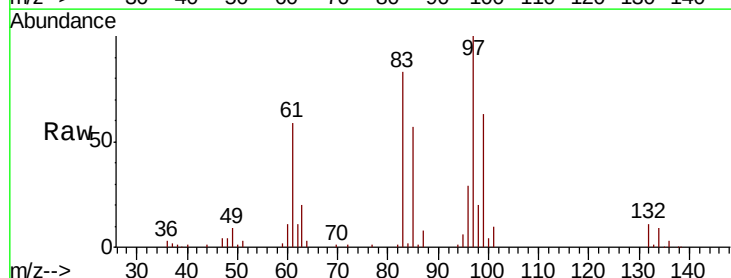
Ion Ratio Lower Upper

97 100

99 62.9 44.2 82.2

83 82.6 59.6 110.6

85 56.6 38.8 72.0



Abundance Ion 96.95 (96.65 to 97.65): VV0

Ion 99.05 (98.75 to 99.75): VV0

Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

7.89

60000

50000

40000

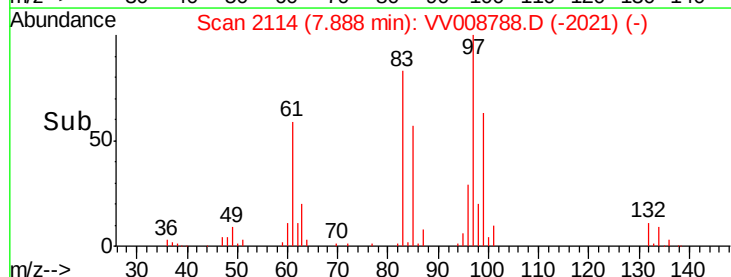
30000

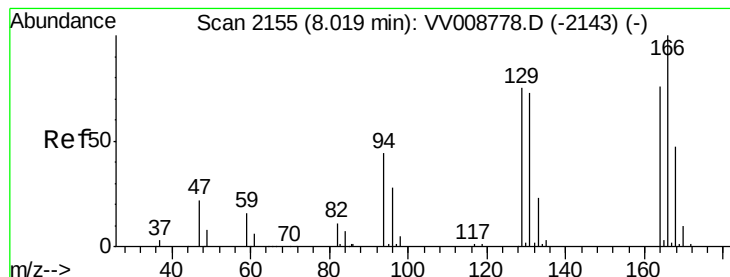
20000

10000

0

Time-->





#47

Tetrachloroethene

Concen: 5.653 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV008778.D

Acq: 30 Nov 2018 01:56

Instrument :
MSVOA_V
ClientSampleId :
YALP5

Tgt Ion:164 Resp: 48948

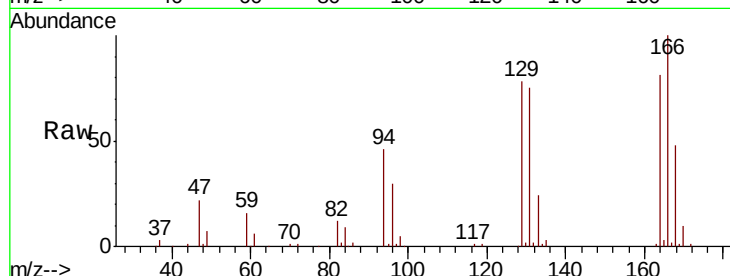
Ion Ratio Lower Upper

164 100

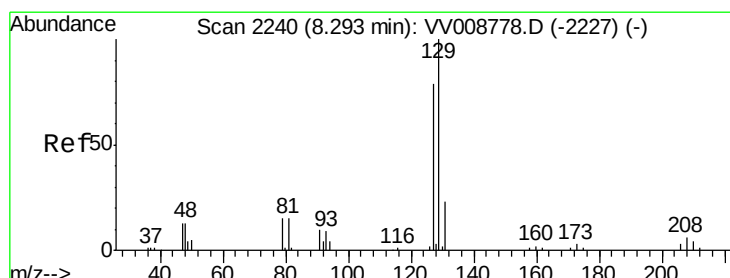
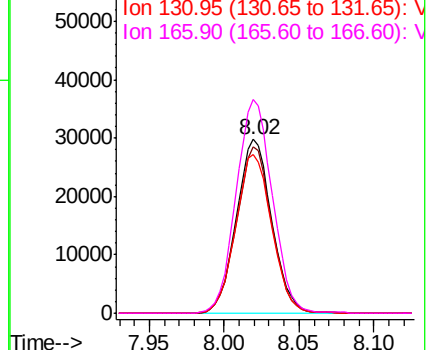
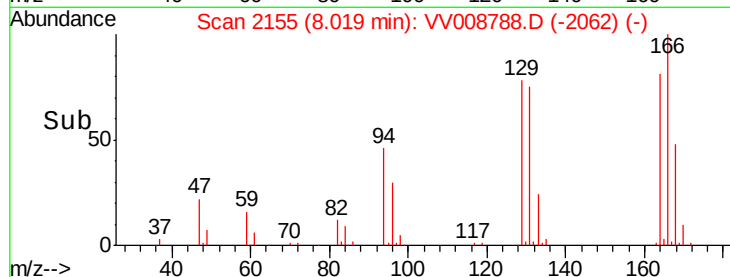
129 96.1 67.5 125.3

131 91.7 65.9 122.5

166 123.0 89.2 165.6



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#49

Dibromochloromethane

Concen: 6.773 ug/L

RT: 8.29 min Scan# 2240

Delta R.T. 0.00 min

Lab File: VV008778.D

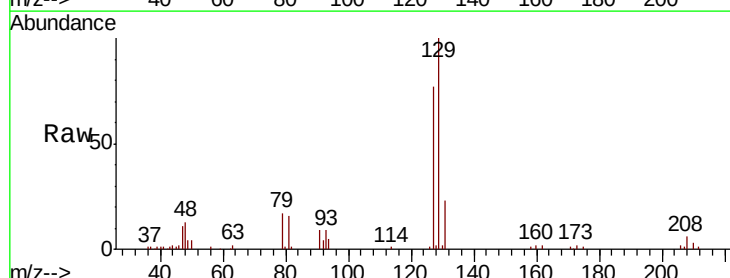
Acq: 30 Nov 2018 01:56

Tgt Ion:129 Resp: 48977

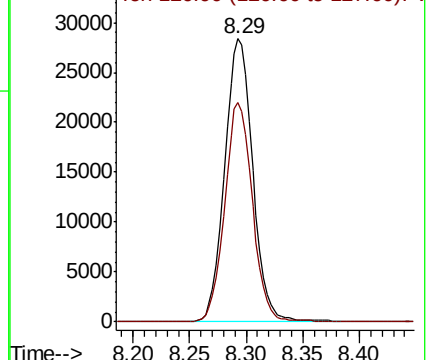
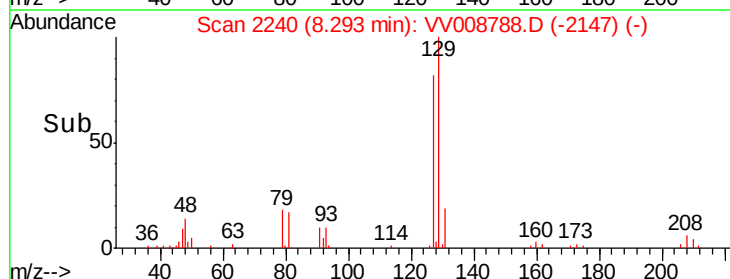
Ion Ratio Lower Upper

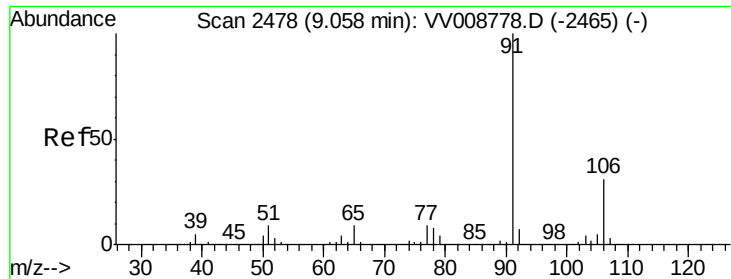
129 100

127 77.5 55.3 102.7



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#52

Ethylbenzene

Concen: 11.550 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

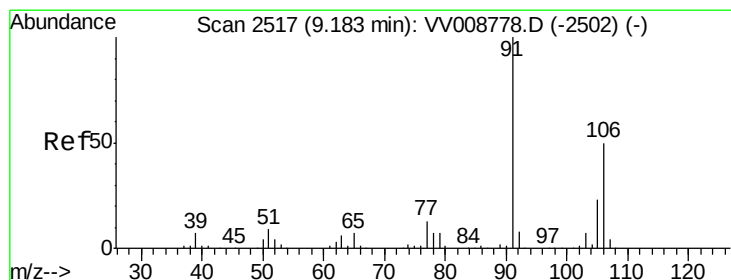
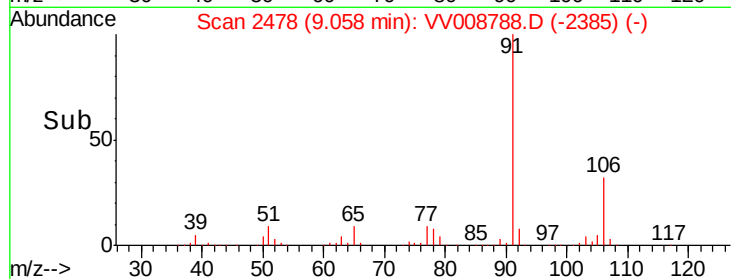
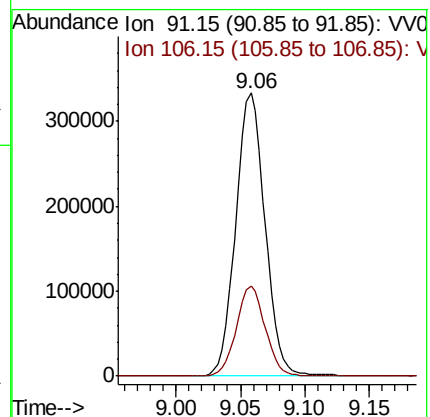
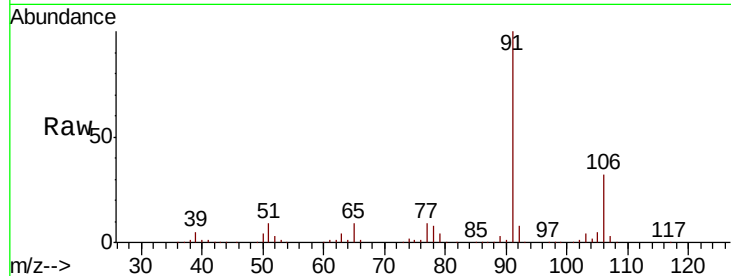
YALP5

Tgt Ion: 91 Resp: 526799

Ion Ratio Lower Upper

91 100

106 31.8 22.4 41.6



#53

m,p-xylene

Concen: 9.673 ug/L

RT: 9.06 min Scan# 2478

Delta R.T. -0.13 min

Lab File: VV008788.D

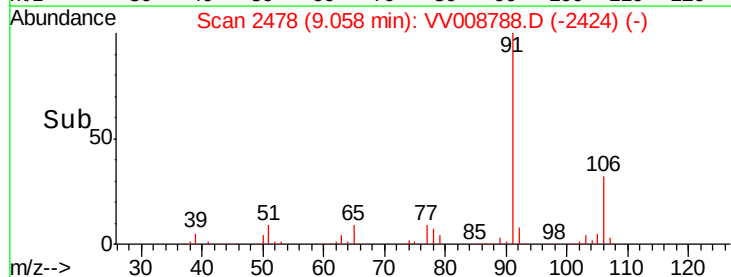
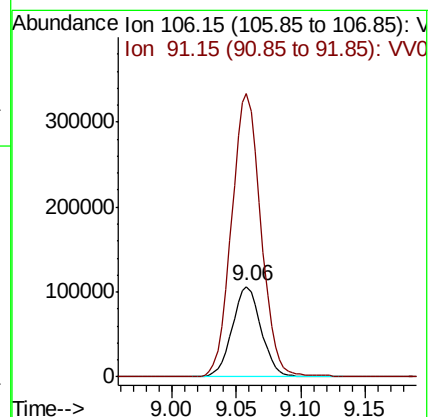
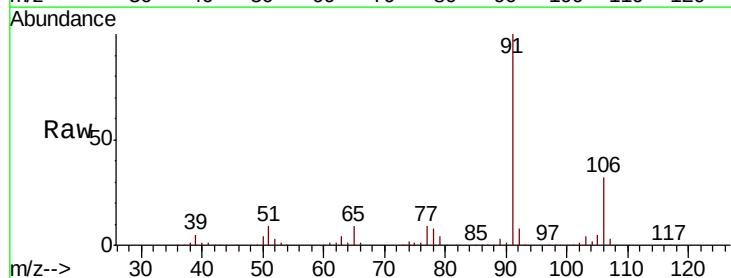
Acq: 30 Nov 2018 01:56

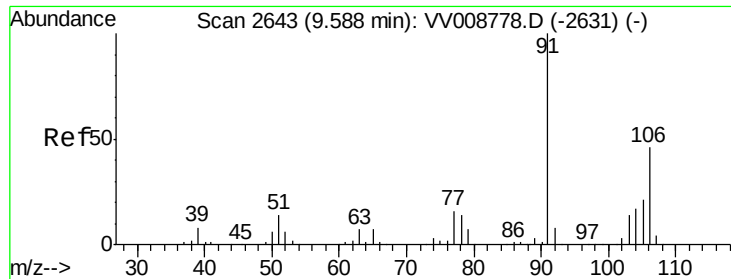
Tgt Ion: 106 Resp: 165446

Ion Ratio Lower Upper

106 100

91 314.1 145.5 270.3#

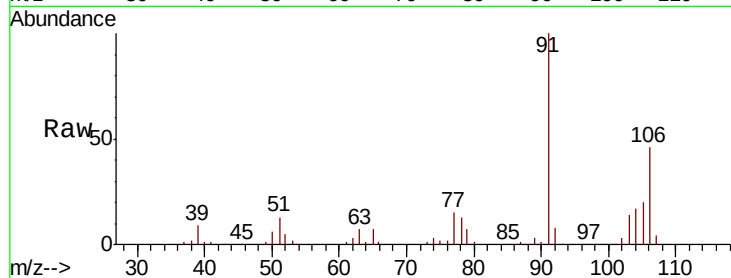




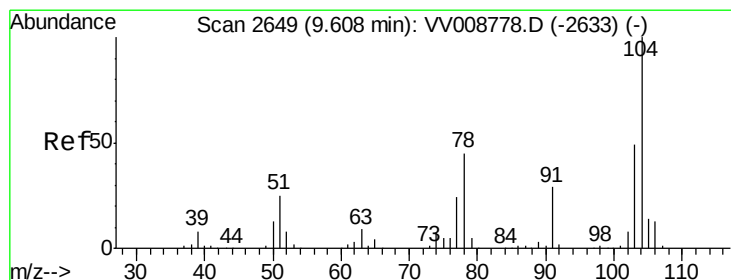
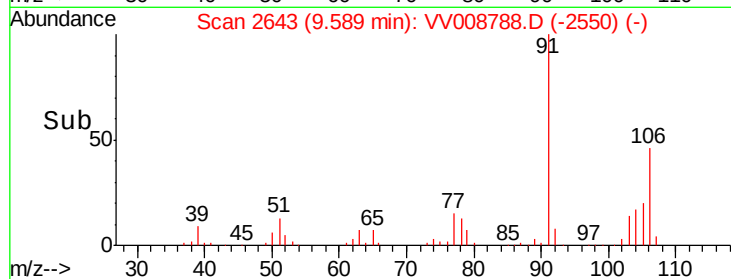
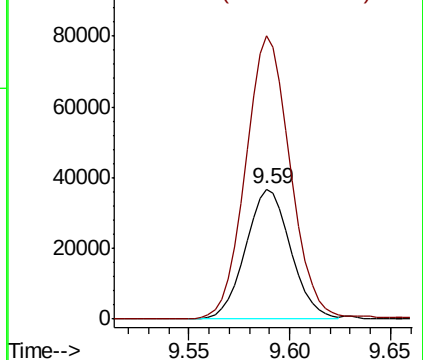
#54
o-xylene
Concen: 3.495 ug/L
RT: 9.59 min Scan# 2643
Delta R.T. 0.00 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

Instrument :
MSVOA_V
ClientSampleId :
YALP5

Tgt Ion:106 Resp: 57666
Ion Ratio Lower Upper
106 100
91 217.4 148.7 276.1

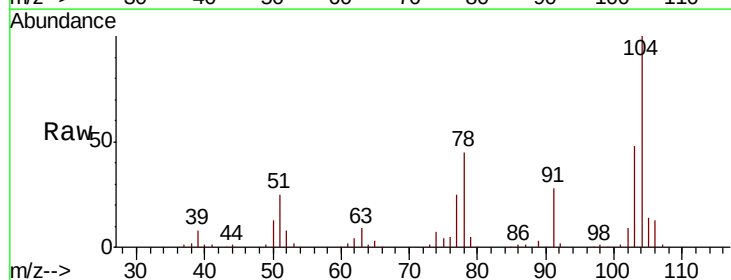


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VV0

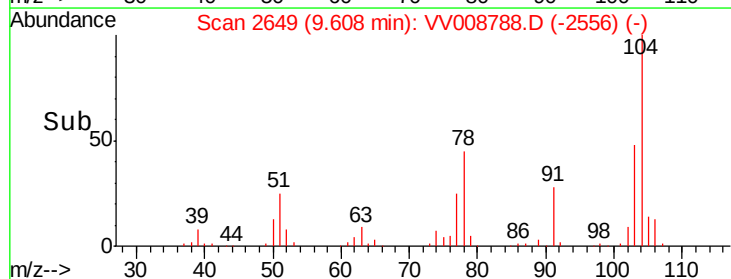
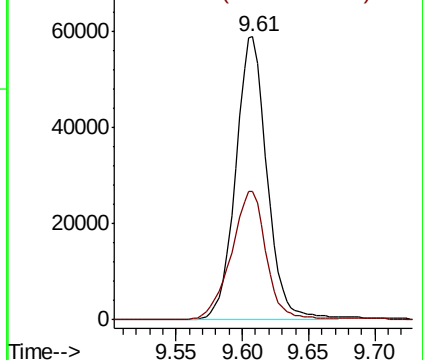


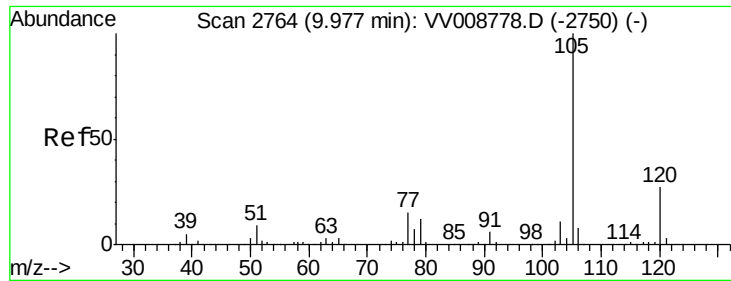
#55
Styrene
Concen: 3.529 ug/L
RT: 9.61 min Scan# 2649
Delta R.T. 0.00 min
Lab File: VV008788.D
Acq: 30 Nov 2018 01:56

Tgt Ion:104 Resp: 96811
Ion Ratio Lower Upper
104 100
78 45.4 32.2 59.8



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 8.162 ug/L

RT: 9.98 min Scan# 2764

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

YALP5

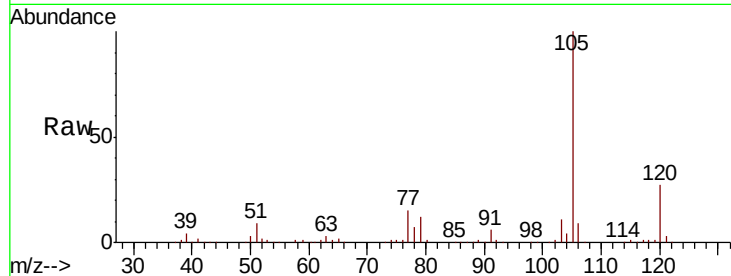
Tgt Ion:105 Resp: 366849

Ion Ratio Lower Upper

105 100

120 26.5 21.5 32.3

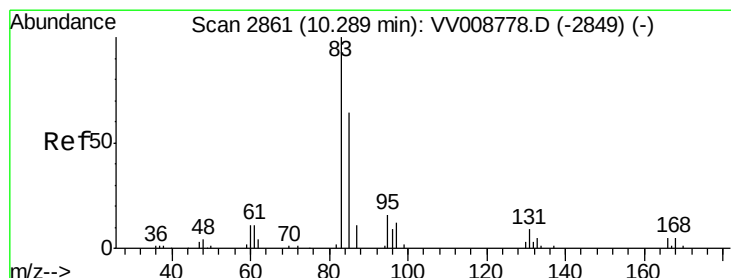
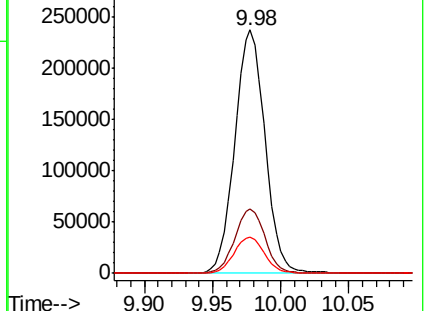
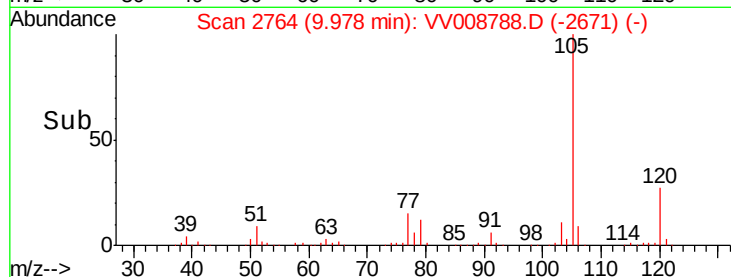
77 15.0 12.2 18.4



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): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.312 ug/L

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

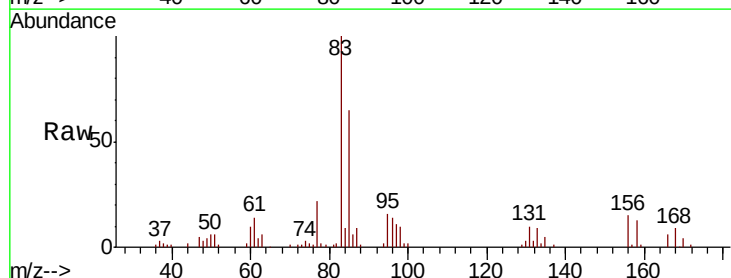
Tgt Ion: 83 Resp: 37619

Ion Ratio Lower Upper

83 100

85 65.2 45.6 84.8

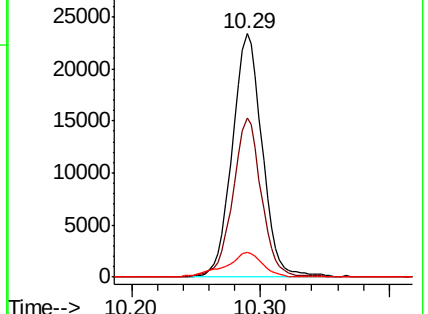
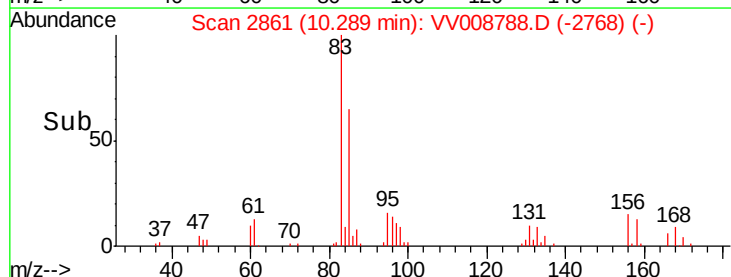
131 10.3 7.3 10.9

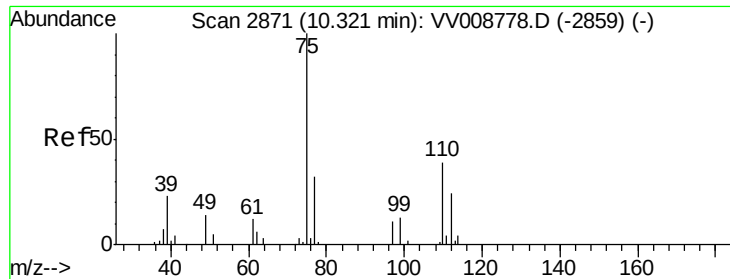


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 1.302 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. -0.06 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

Instrument :

MSVOA_V

ClientSampleId :

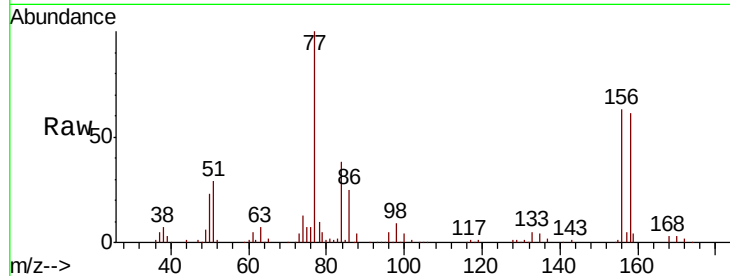
YALP5

Tgt Ion: 75 Resp: 7476

Ion Ratio Lower Upper

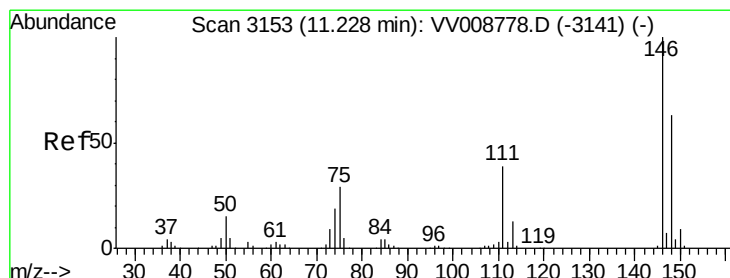
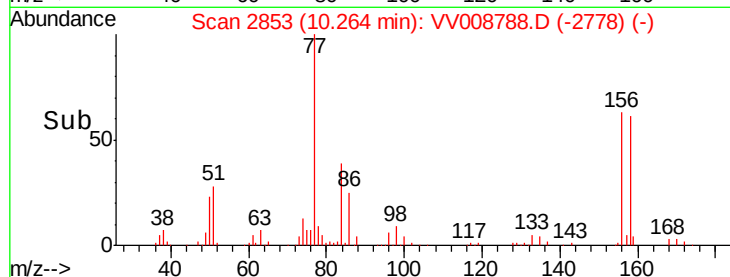
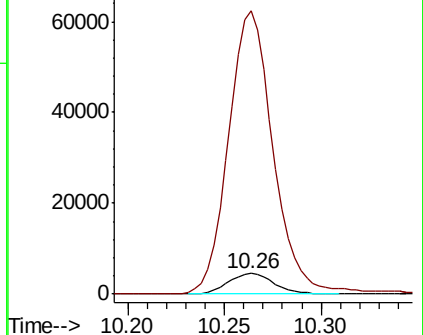
75 100

77 1341.4 26.9 40.3#



Abundance Ion 75.00 (74.70 to 75.70): VV008778.D (-2859) (-)

Ion 77.00 (76.70 to 77.70): VV008778.D (-2859) (-)



#62

1,3-Dichlorobenzene

Concen: 2.369 ug/L

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV008788.D

Acq: 30 Nov 2018 01:56

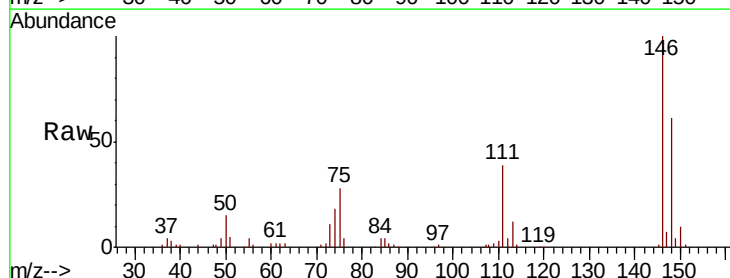
Tgt Ion: 146 Resp: 50297

Ion Ratio Lower Upper

146 100

111 38.8 28.1 52.1

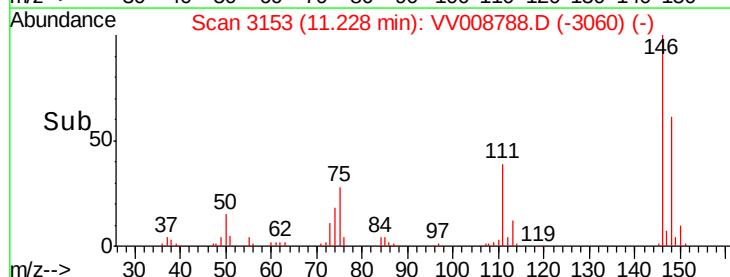
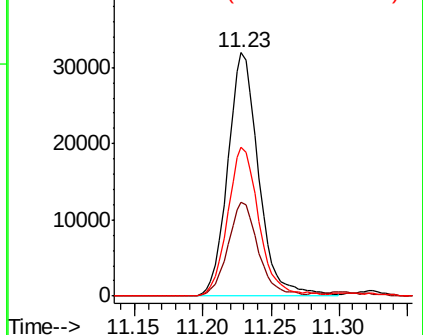
148 61.0 44.4 82.4

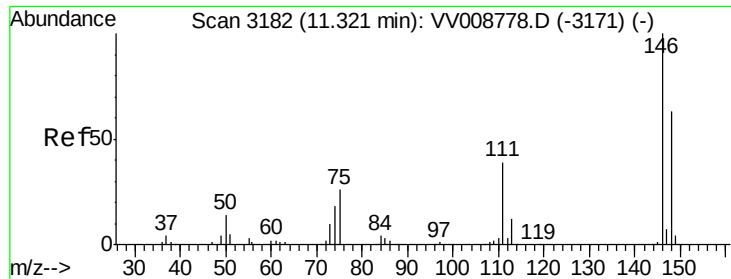


Abundance Ion 145.95 (145.65 to 146.65): VV008778.D (-3141) (-)

Ion 111.00 (110.70 to 111.70): VV008778.D (-3141) (-)

Ion 148.00 (147.70 to 148.70): VV008778.D (-3141) (-)

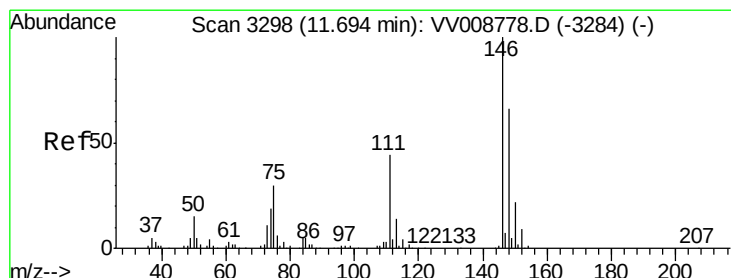
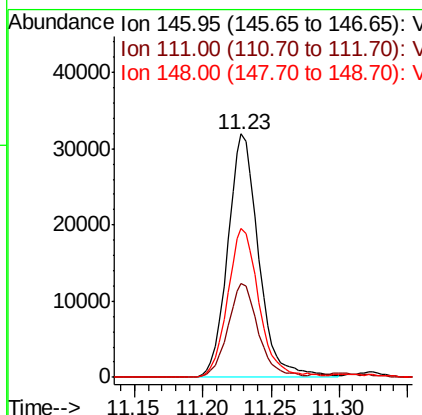
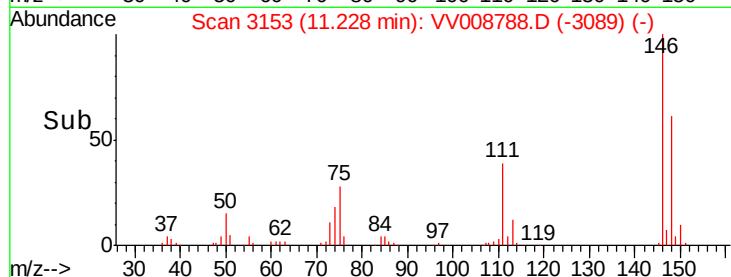
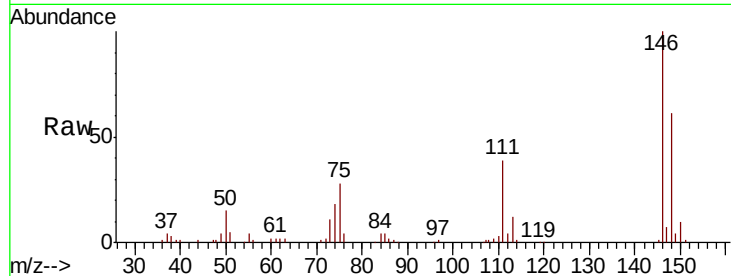




#63
 1,4-Dichlorobenzene
 Concen: 2.395 ug/L
 RT: 11.23 min Scan# 3153
 Delta R.T. -0.09 min
 Lab File: VV008788.D
 Acq: 30 Nov 2018 01:56

Instrument :
 MSVOA_V
 ClientSampleId :
 YALP5

Tgt Ion:146 Resp: 50297
 Ion Ratio Lower Upper
 146 100
 111 38.8 27.6 51.4
 148 61.0 46.5 86.3



#65
 1,2-Dichlorobenzene
 Concen: 2.289 ug/L
 RT: 11.69 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VV008788.D
 Acq: 30 Nov 2018 01:56

Tgt Ion:146 Resp: 45847
 Ion Ratio Lower Upper
 146 100
 111 43.4 34.8 52.2
 148 62.9 51.1 76.7

