

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000414.D
 Acq On : 24 Oct 2019 16:59
 Operator : SY/MD
 Sample : K5499-18
 Misc : 4.40G/5ML/MSVOA Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:40:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 17 02:03:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	211756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	354597	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	259323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	78654	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	114771	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
35) Dibromofluoromethane	7.73	113	100948	47.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.38%	
50) Toluene-d8	10.18	98	394934	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
62) 4-Bromofluorobenzene	12.48	95	92155	29.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	58.96%	

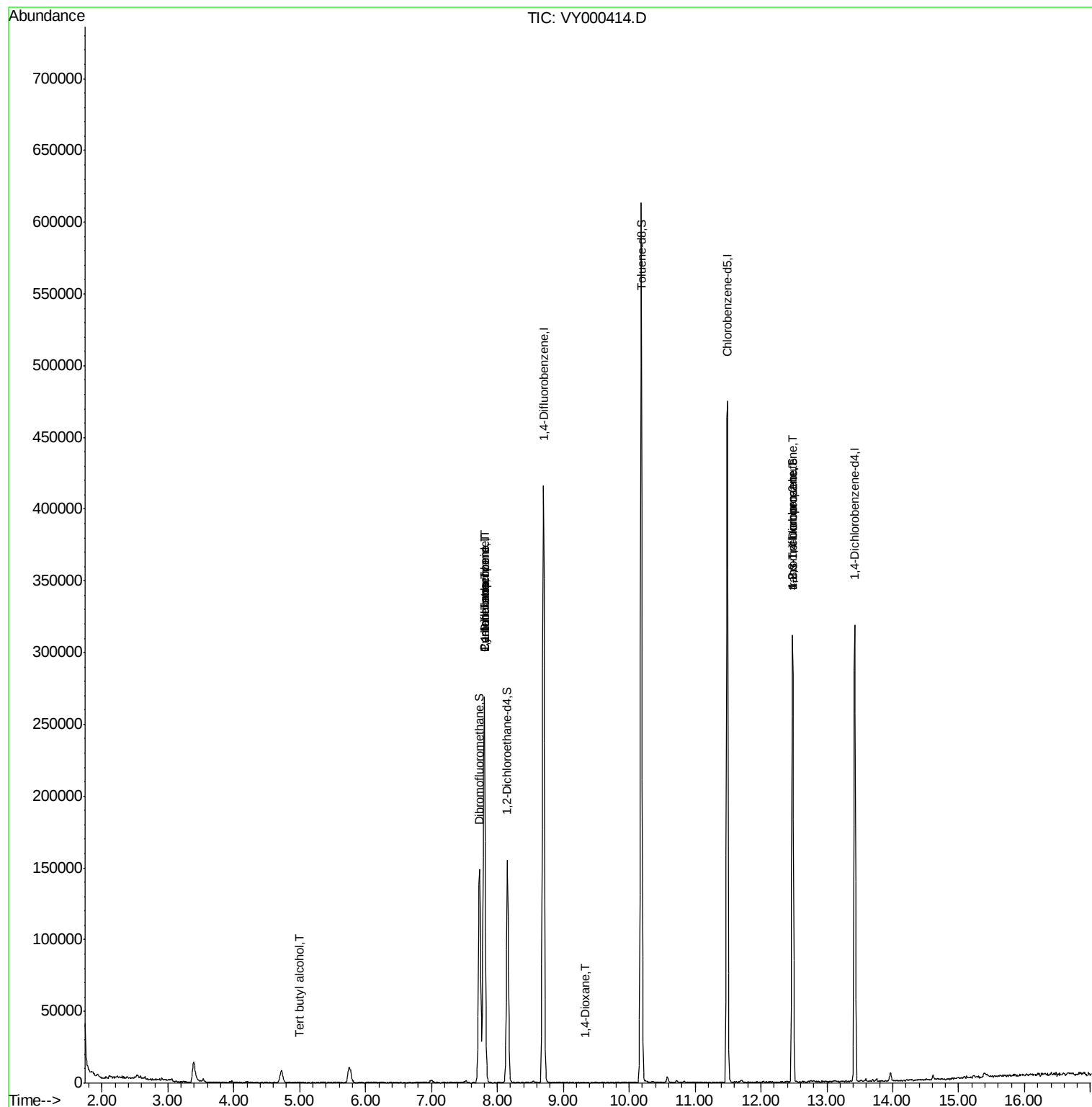
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	35	Below Cal	#	41
11) Tert butyl alcohol	4.99	59	632	2.704	ug/l #	73
20) Methylene Chloride	4.72	84	6417	Below Cal		88
31) Cyclohexane	7.80	56	5026	1.176	ug/l #	46
36) 1,1-Dichloropropene	7.80	75	16197	4.665	ug/l #	49
38) Carbon Tetrachloride	7.80	117	20707	6.160	ug/l #	18
49) 1,4-Dioxane	9.33	88	72	3.489	ug/l #	24
76) 1,2,3-Trichloropropane	12.48	75	50203	51.907	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	50203	113.570	ug/l #	14

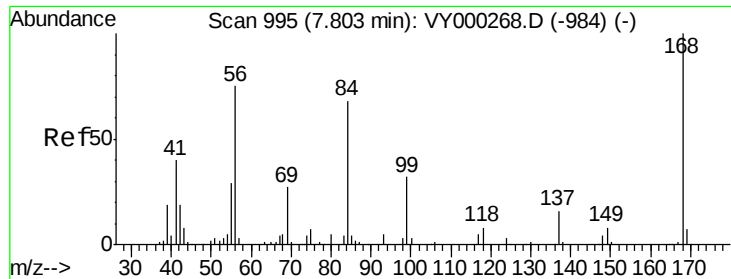
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 17 02:03:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY000414.D

Acq: 24 Oct 2019 16:59

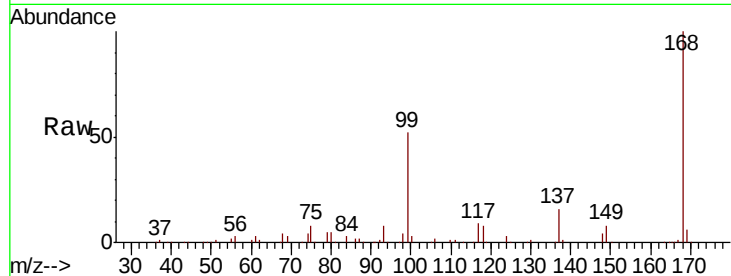
Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:168 Resp: 211756

Ion Ratio Lower Upper

168 100

99 51.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): VY000414.D (-946) (-)

Ion 98.90 (98.60 to 99.60): VY000414.D (-946) (-)

7.80

100000

80000

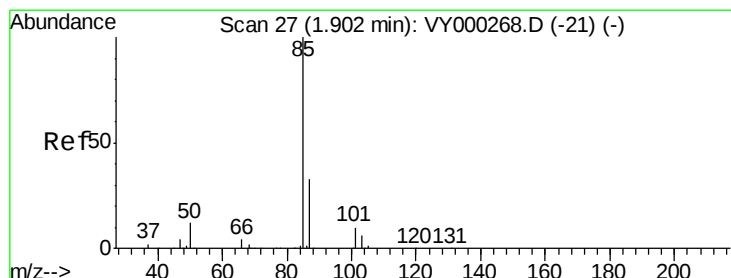
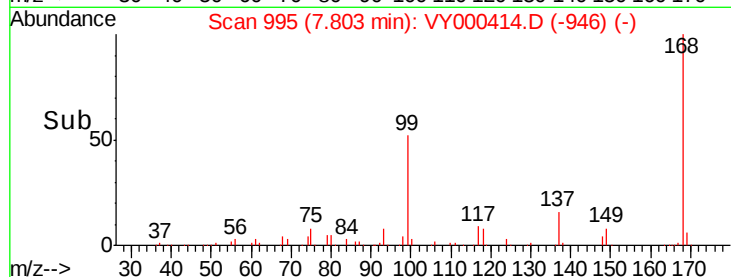
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.90 min Scan# 26

Delta R.T. -0.01 min

Lab File: VY000414.D

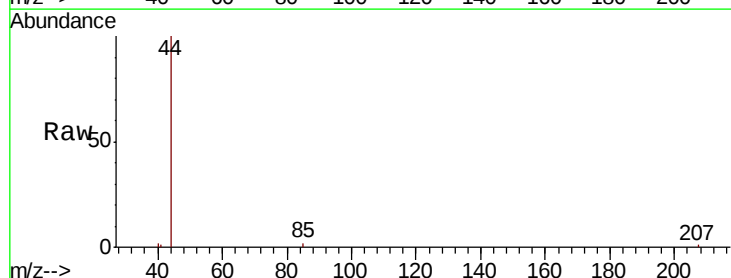
Acq: 24 Oct 2019 16:59

Tgt Ion: 85 Resp: 35

Ion Ratio Lower Upper

85 100

87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000414.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY000414.D (-1) (-)

1.90

100

80

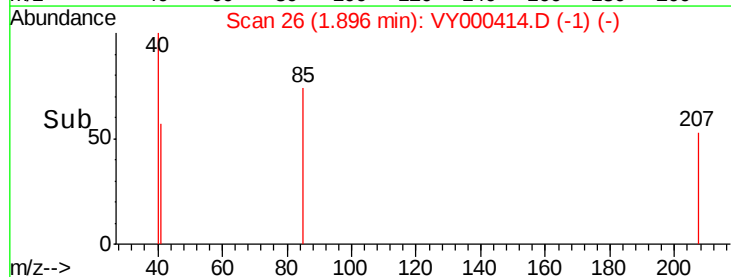
60

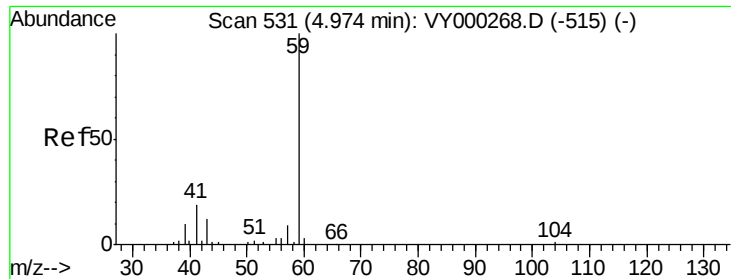
40

20

0

Time-->



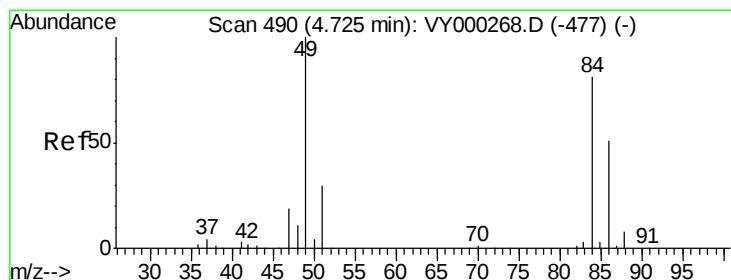
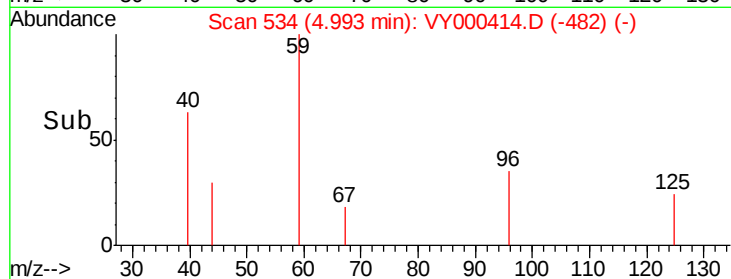
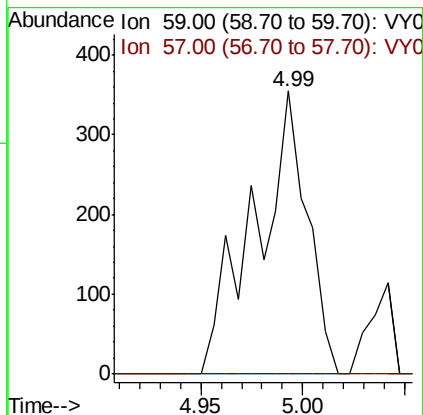
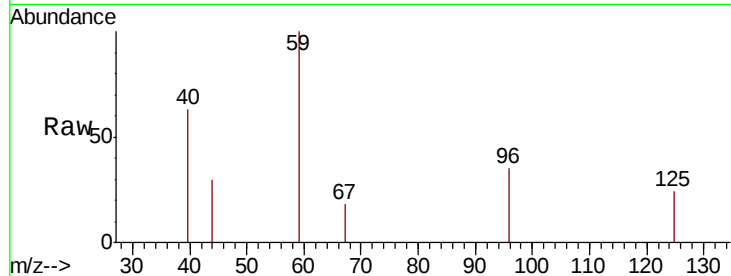


#11

Tert butyl alcohol
 Concen: 2.704 ug/l
 RT: 4.99 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

Instrument :
 MSVOA_Y
 ClientSampleId :

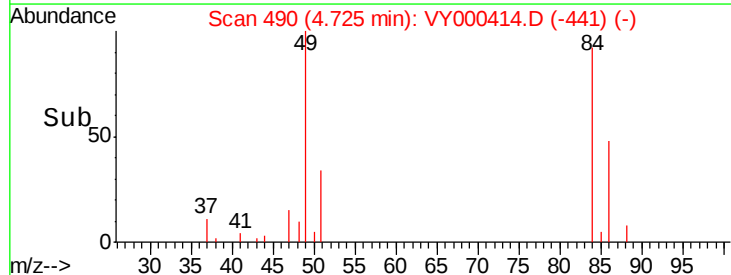
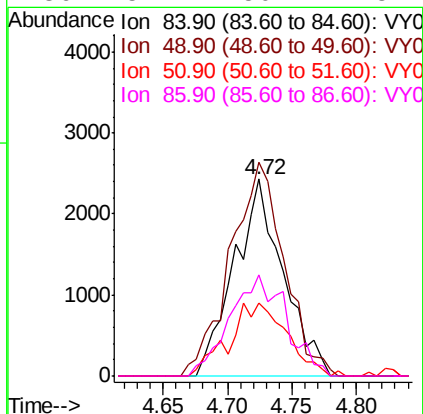
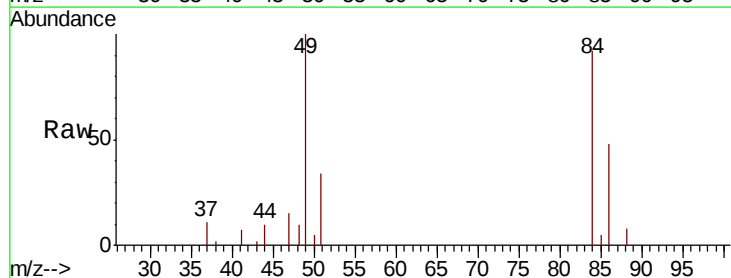
Tot Ion: 59 Resp: 632
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.2 12.2#

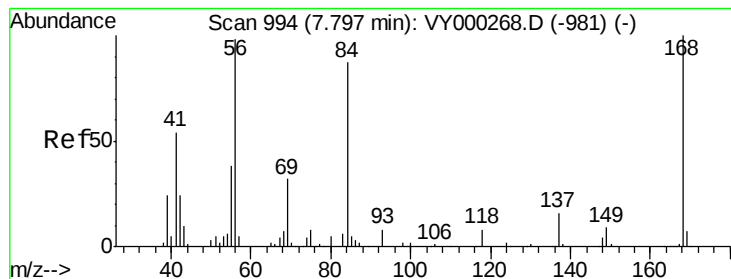


#20

Methylene Chloride
 Concen: Below Cal
 RT: 4.72 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

Tgt Ion: 84 Resp: 6417
 Ion Ratio Lower Upper
 84 100
 49 108.5 99.0 148.4
 51 37.3 29.3 43.9
 86 51.7 50.2 75.4





#31

Cyclohexane

Concen: 1.176 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000414.D

Acq: 24 Oct 2019 16:59

Instrument :

MSVOA_Y

ClientSampleId :

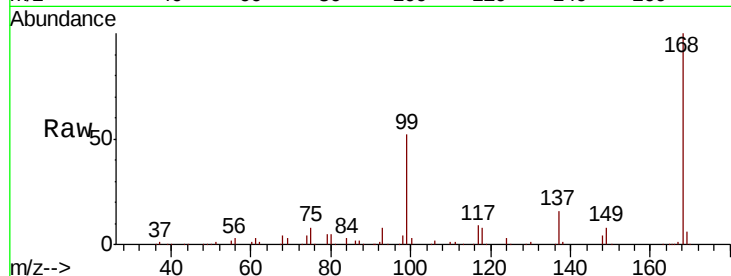
Tot Ion: 56 Resp: 5026

Ion Ratio Lower Upper

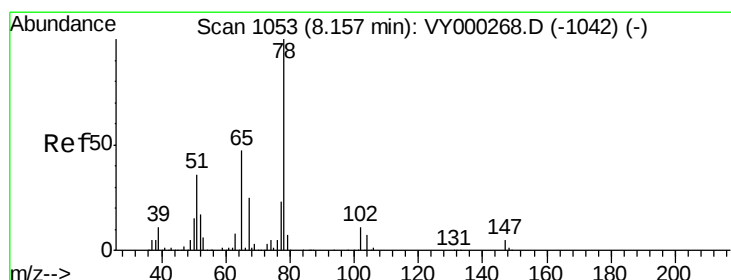
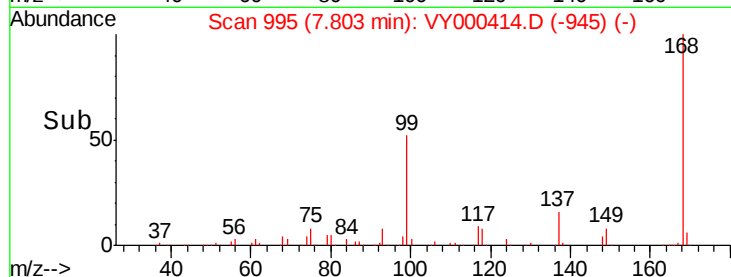
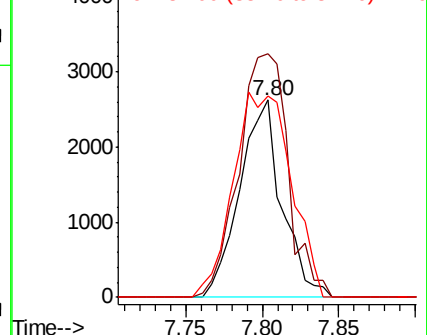
56 100

69 123.6 26.3 39.5#

84 102.0 70.8 106.2



Abundance Ion 56.00 (55.70 to 56.70): VY0
Ion 69.00 (68.70 to 69.70): VY0
Ion 84.00 (83.70 to 84.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 51.382 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000414.D

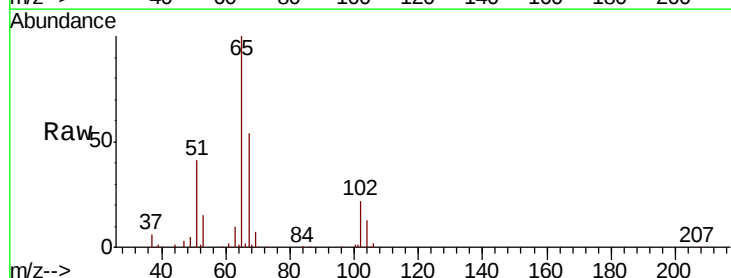
Acq: 24 Oct 2019 16:59

Tgt Ion: 65 Resp: 114771

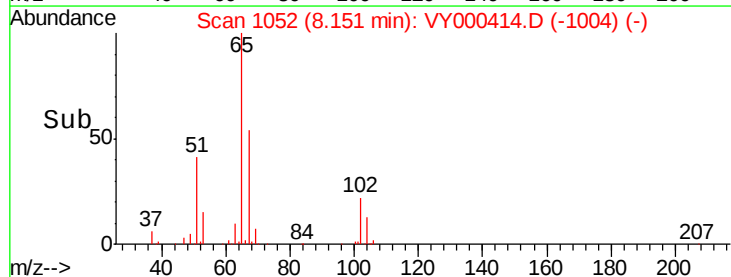
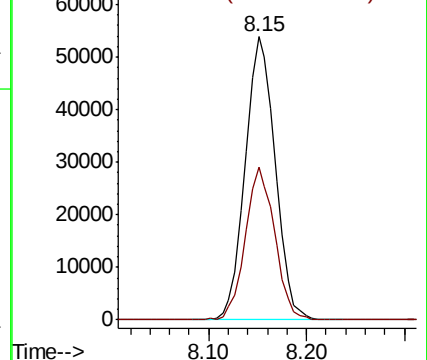
Ion Ratio Lower Upper

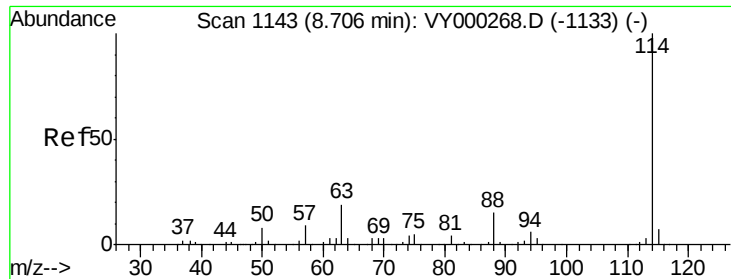
65 100

67 52.7 0.0 109.4



Abundance Ion 64.90 (64.60 to 65.60): VY0
Ion 66.90 (66.60 to 67.60): VY0

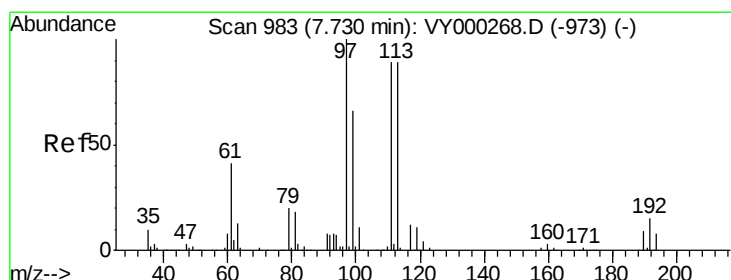
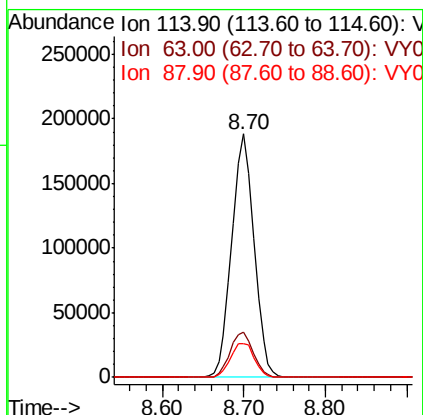
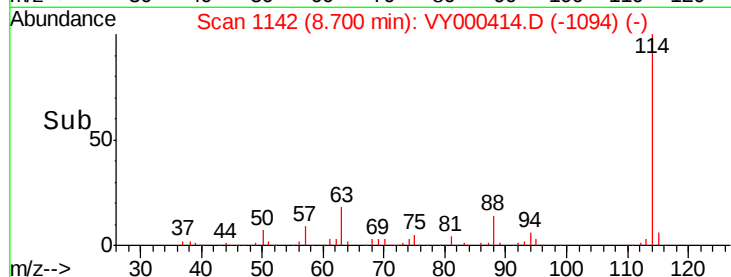
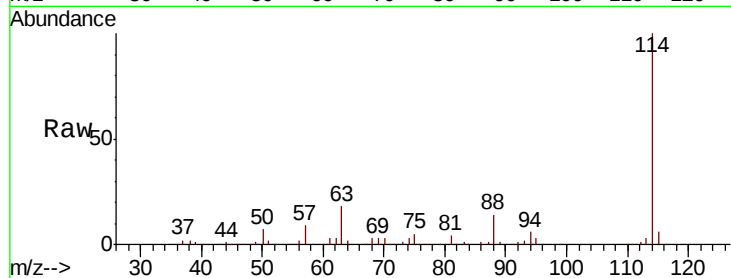




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

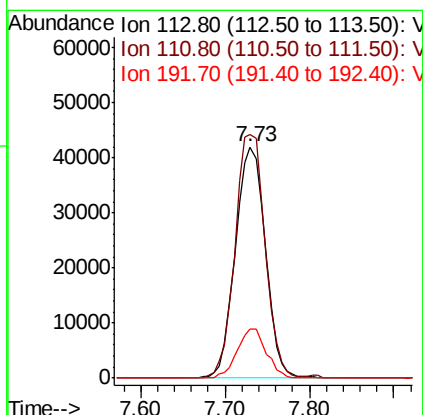
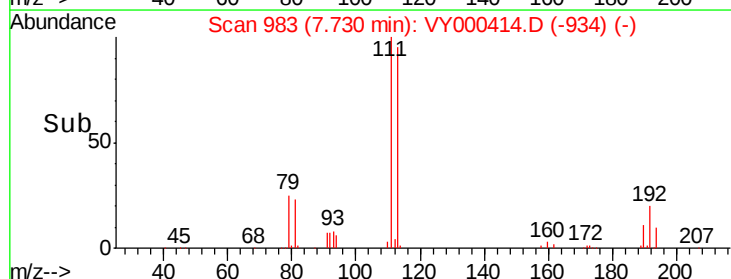
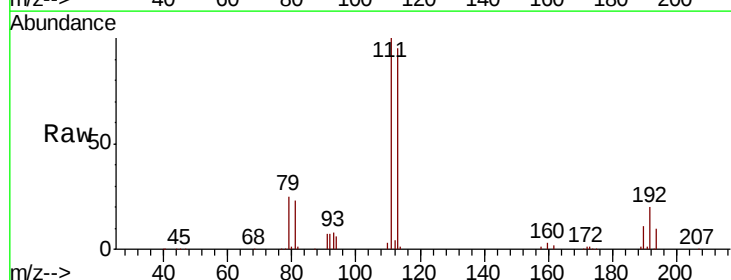
Instrument :
 MSVOA_Y
 ClientSampleId :

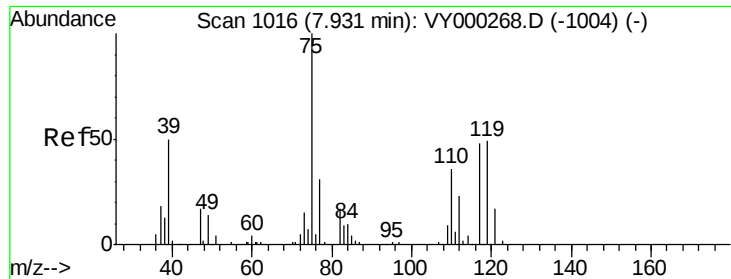
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.2
88	14.0	0.0	30.2



#35
 Dibromofluoromethane
 Concen: 47.195 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.9	81.6	122.4
192	20.6	15.3	22.9

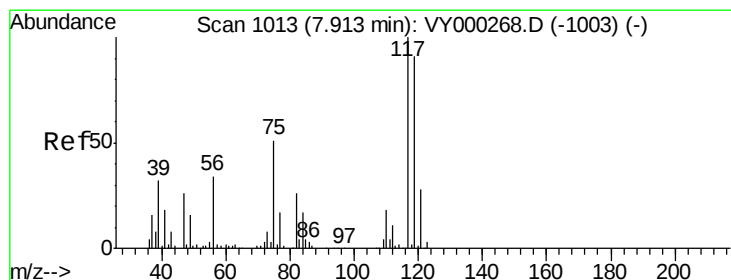
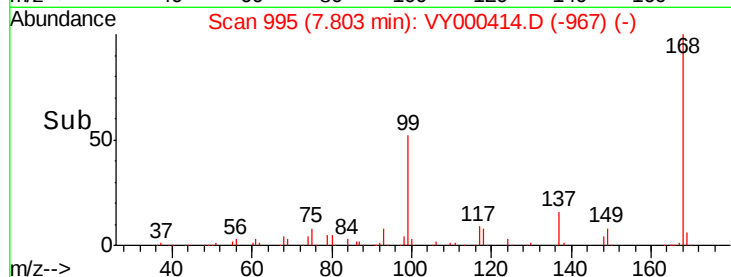
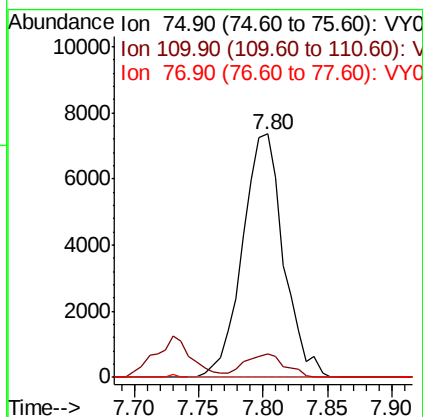
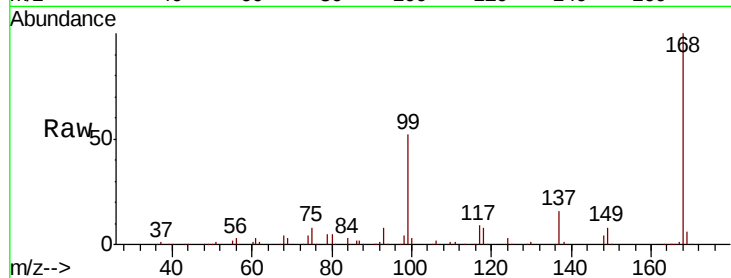




#36
 1,1-Dichloropropene
 Concen: 4.665 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

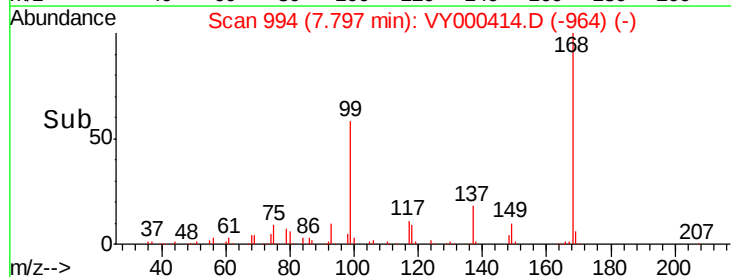
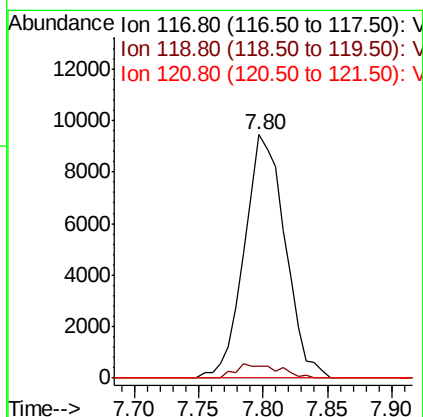
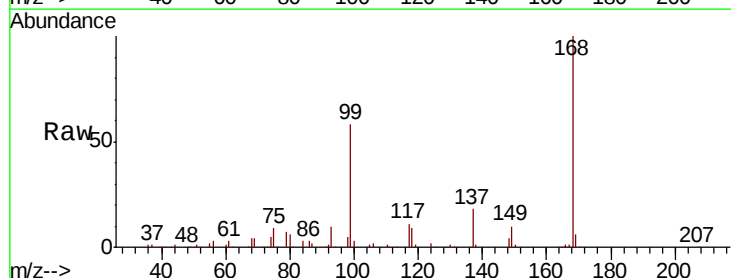
Instrument :
 MSVOA_Y
 ClientSampleId :

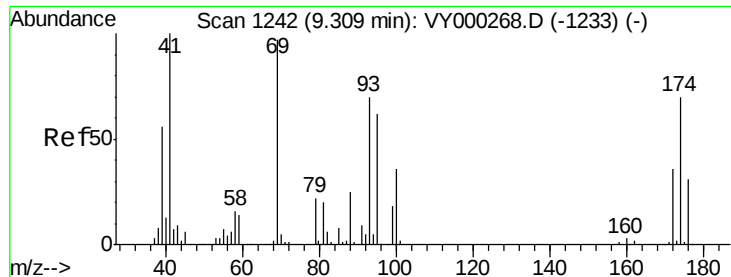
Tot Ion	75	Resp	16197
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.160 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.12 min
 Lab File: VY000414.D
 Acq: 24 Oct 2019 16:59

Tgt Ion	117	Resp	20707
Ion Ratio	Lower	Upper	
117	100		
119	4.8	72.8	109.2#
121	0.0	22.2	33.2#

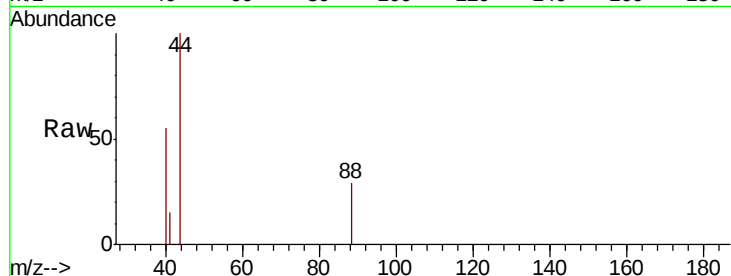




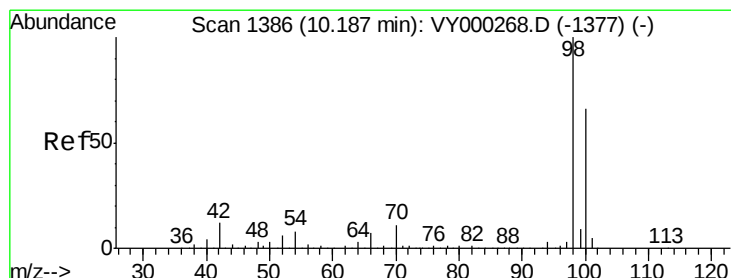
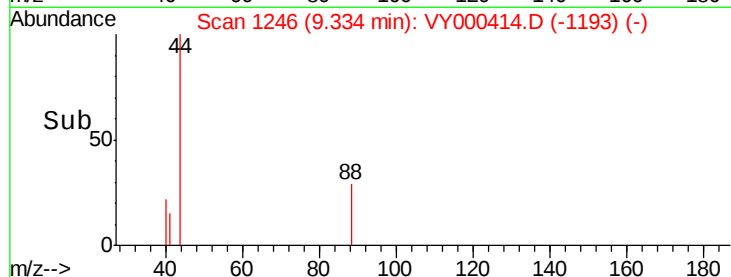
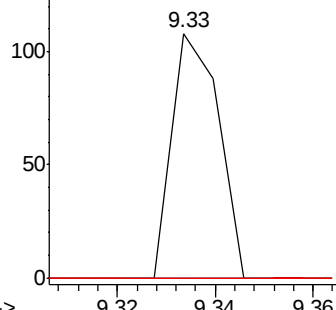
#49
1,4-Dioxane
Concen: 3.489 ug/l
RT: 9.33 min Scan# 1246
Delta R.T. 0.02 min
Lab File: VY000414.D
Acq: 24 Oct 2019 16:59

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion: 88 Resp: 72
Ion Ratio Lower Upper
88 100
43 0.0 25.6 38.4#
58 0.0 54.6 81.8#

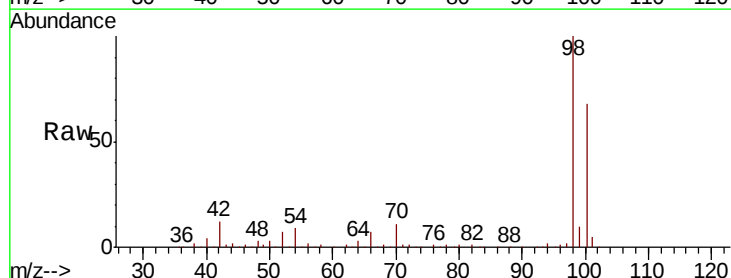


Abundance Ion 88.00 (87.70 to 88.70): VY0
Ion 43.00 (42.70 to 43.70): VY0
Ion 58.00 (57.70 to 58.70): VY0

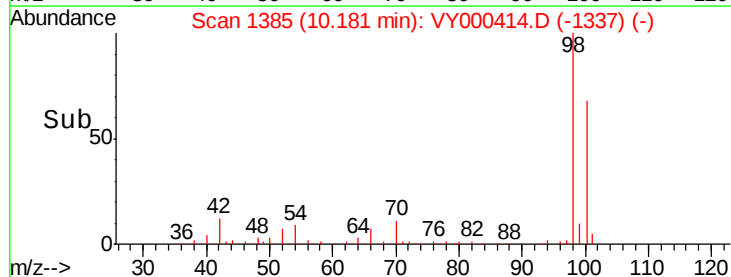
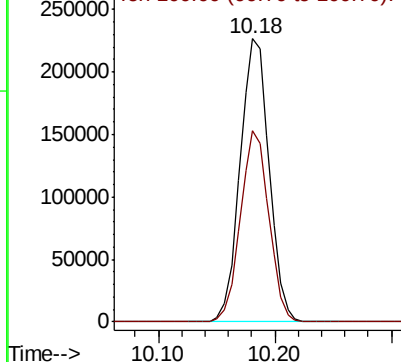


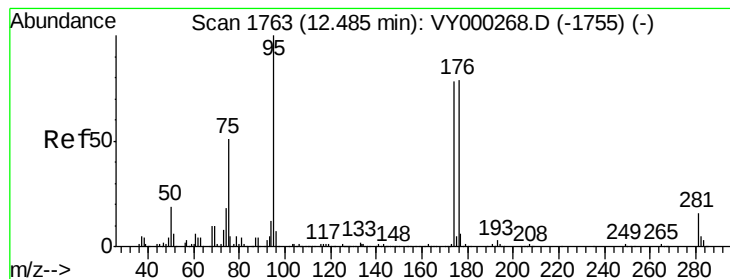
#50
Toluene-d8
Concen: 47.999 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.01 min
Lab File: VY000414.D
Acq: 24 Oct 2019 16:59

Tgt Ion: 98 Resp: 394934
Ion Ratio Lower Upper
98 100
100 66.1 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY0
Ion 100.00 (99.70 to 100.70): VY0





#62

4-Bromofluorobenzene

Concen: 29.481 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000414.D

Acq: 24 Oct 2019 16:59

Instrument :

MSVOA_Y

ClientSampleId :

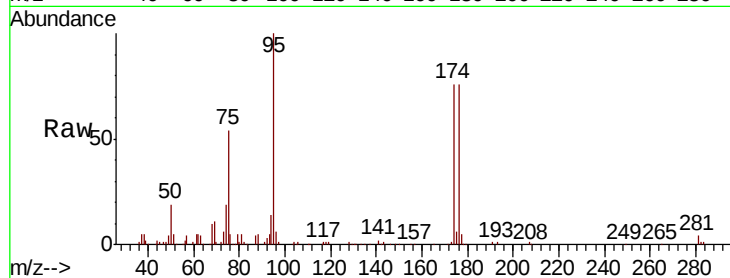
Tot Ion: 95 Resp: 92155

Ion Ratio Lower Upper

95 100

174 83.8 0.0 159.6

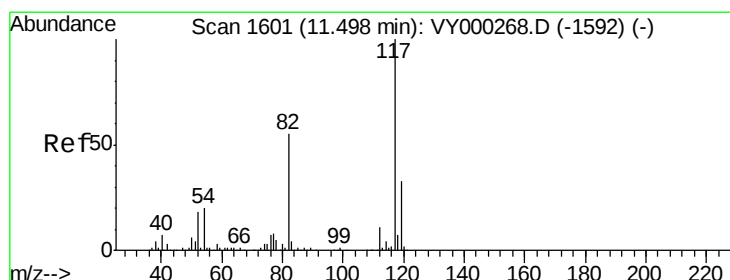
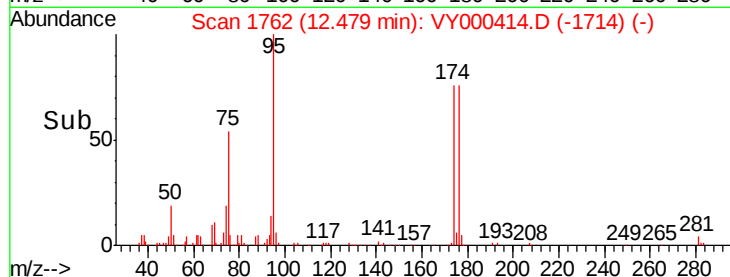
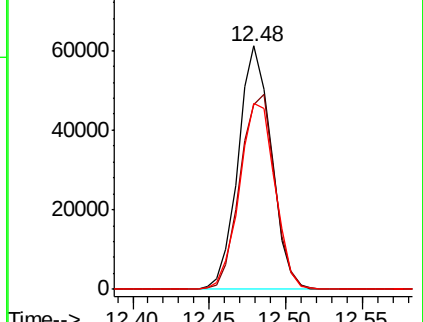
176 81.9 0.0 153.8



Abundance Ion 94.90 (94.60 to 95.60): VY000268.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY000268.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY000268.D (-1755) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY000414.D

Acq: 24 Oct 2019 16:59

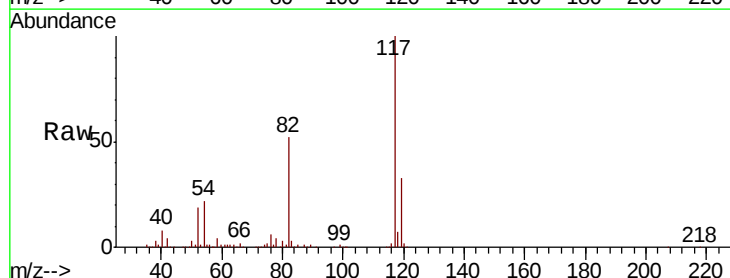
Tgt Ion: 117 Resp: 259323

Ion Ratio Lower Upper

117 100

82 52.4 43.7 65.5

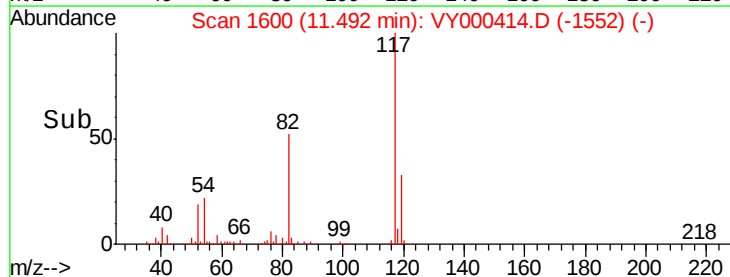
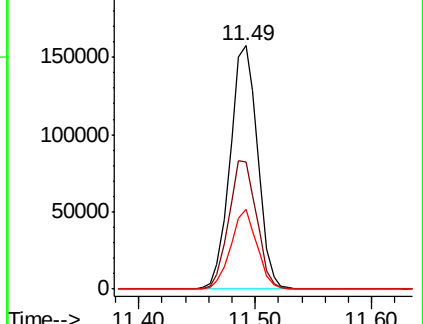
119 32.9 26.6 39.8

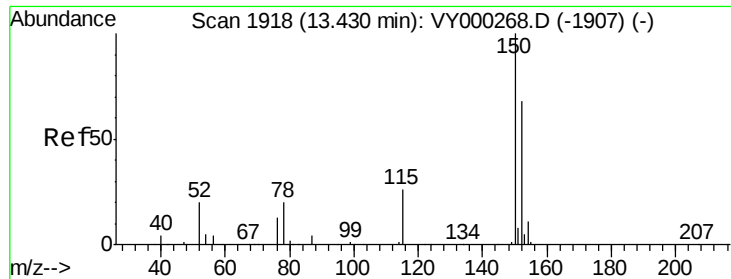


Abundance Ion 116.90 (116.60 to 117.60): VY000268.D (-1592) (-)

Ion 82.00 (81.70 to 82.70): VY000268.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY000268.D (-1592) (-)



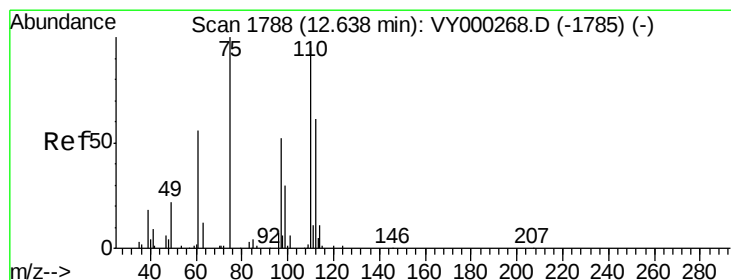
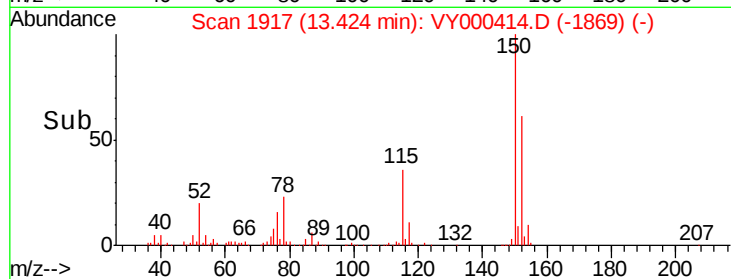
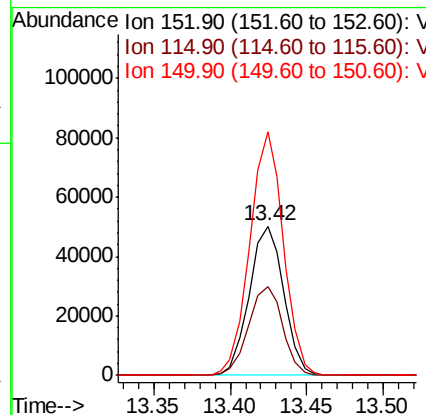
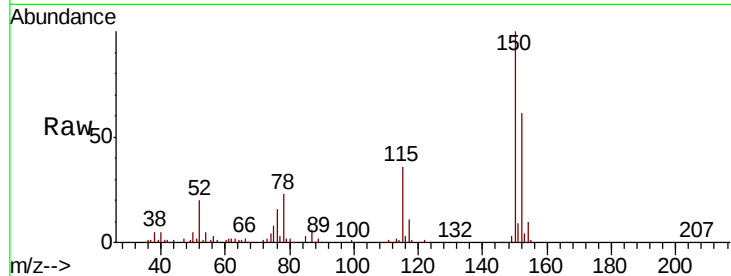


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000414.D
Acq: 24 Oct 2019 16:59

Instrument :
MSVOA_Y
ClientSampled :

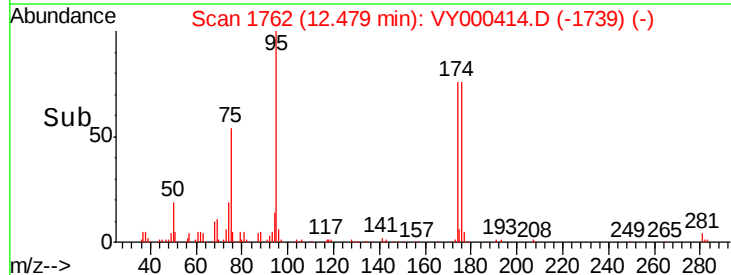
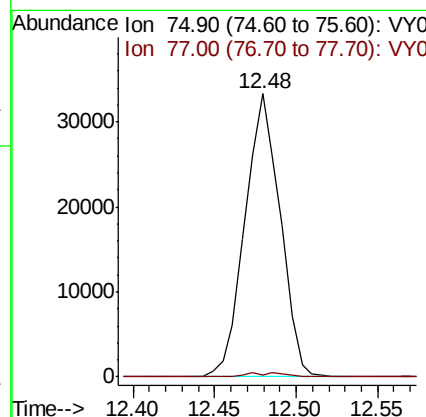
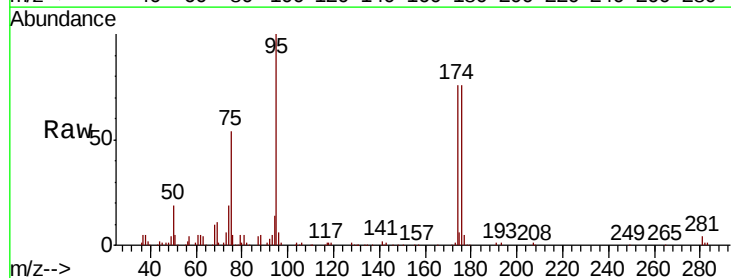
Tot Ion:152 Resp: 78654
Ion Ratio Lower Upper
152 100
115 59.2 29.3 88.0
150 158.6 0.0 348.4

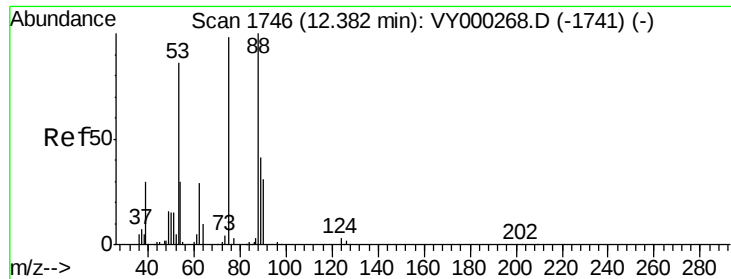


#76

1,2,3-Trichloropropane
Concen: 51.907 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.16 min
Lab File: VY000414.D
Acq: 24 Oct 2019 16:59

Tgt Ion: 75 Resp: 50203
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 113.570 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000414.D

Acq: 24 Oct 2019 16:59

Instrument :

MSVOA_Y

ClientSampleId :

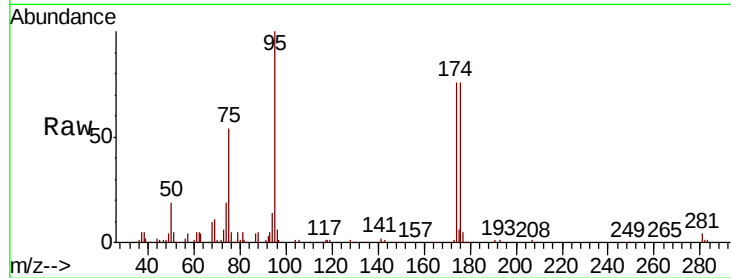
Tot Ion: 75 Resp: 50203

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.1 35.1 52.7#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0

