

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102419\
 Data File : VY000413.D
 Acq On : 24 Oct 2019 16:36
 Operator : SY/MD
 Sample : K5499-16
 Misc : 5.87G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 25 06:40:45 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	211779	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	359432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	302937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109650	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	120468	53.93	ug/l	0.00
Spiked Amount						
			Recovery	=	107.86%	
35) Dibromofluoromethane	7.73	113	103129	47.57	ug/l	0.00
Spiked Amount						
			Recovery	=	95.14%	
50) Toluene-d8	10.18	98	415403	49.81	ug/l	0.00
Spiked Amount						
			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.48	95	119795	37.81	ug/l	0.00
Spiked Amount						
			Recovery	=	75.62%	

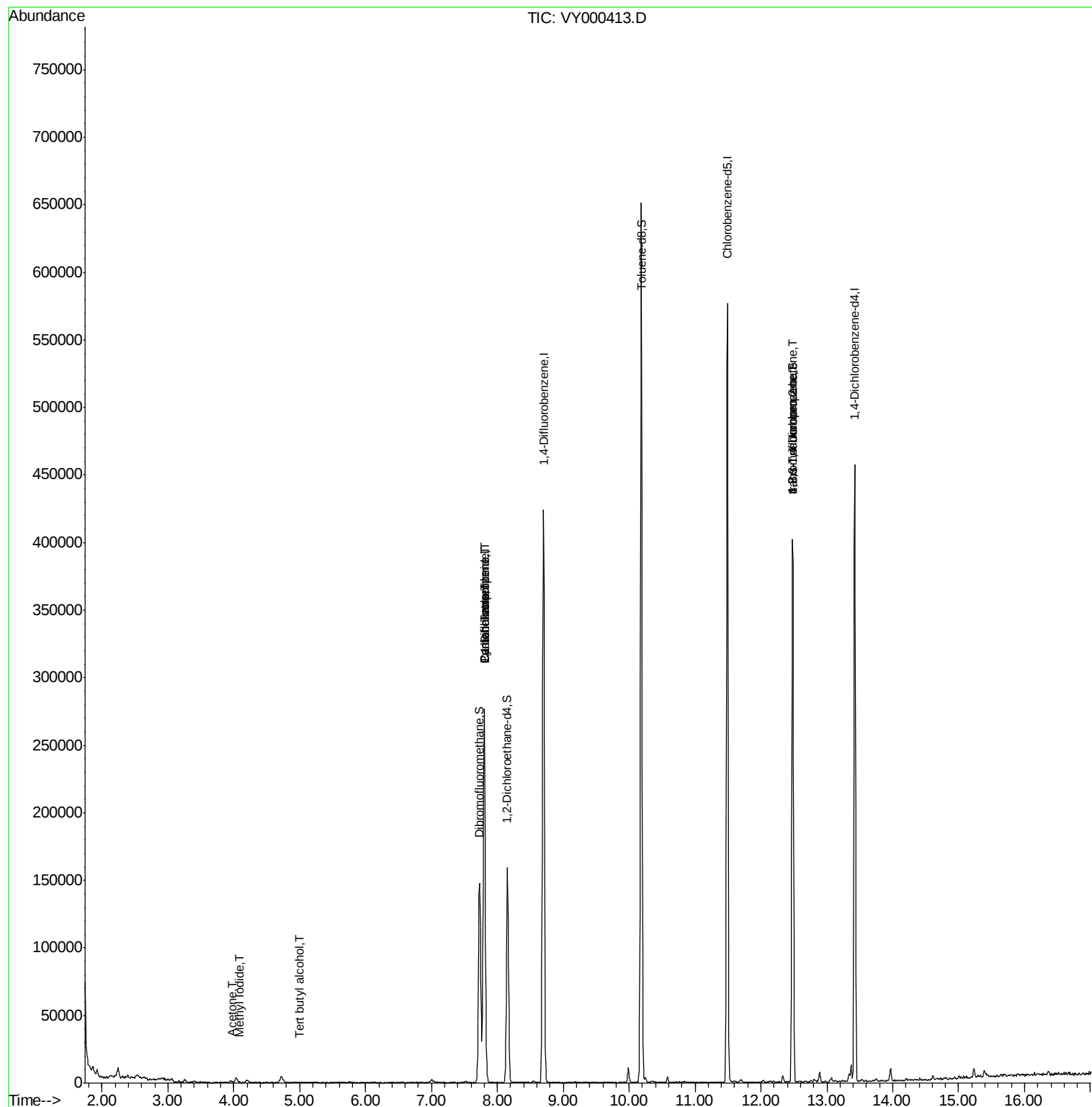
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	85	Below Cal	#	41
10) Methyl Iodide	4.10	142	78	1.211	ug/l #	41
11) Tert butyl alcohol	4.99	59	433	1.852	ug/l #	73
16) Acetone	3.97	43	2128	2.941	ug/l #	80
20) Methylene Chloride	4.72	84	3196	Below Cal	#	91
31) Cyclohexane	7.80	56	5183	1.213	ug/l #	14
36) 1,1-Dichloropropene	7.80	75	17073	4.852	ug/l #	49
38) Carbon Tetrachloride	7.80	117	21785	6.394	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	65322	48.447	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	65322	106.000	ug/l #	14

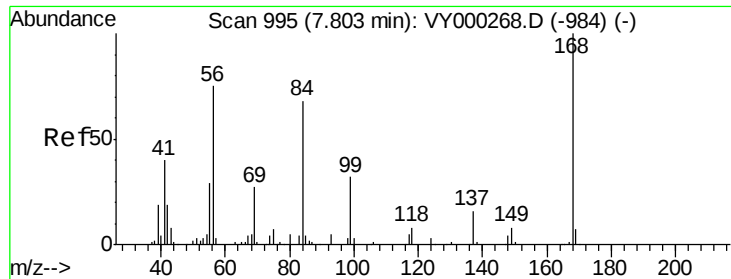
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_Y
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Quant Time: Oct 25 06:40:45 2019
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



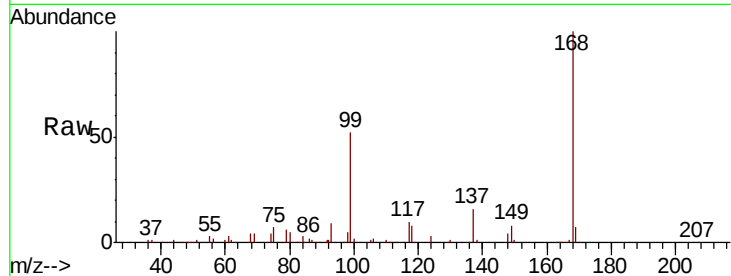


#1

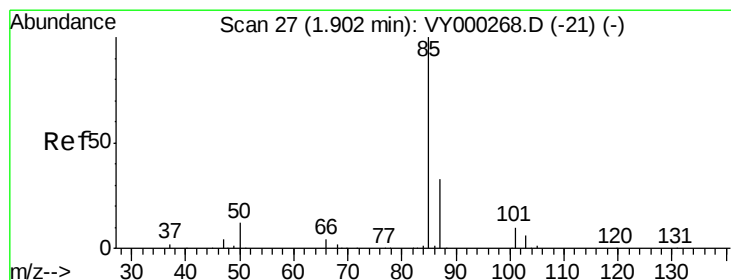
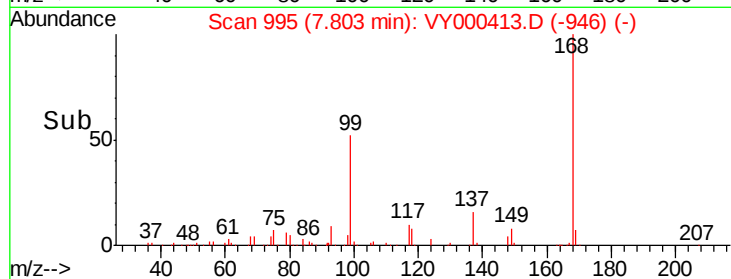
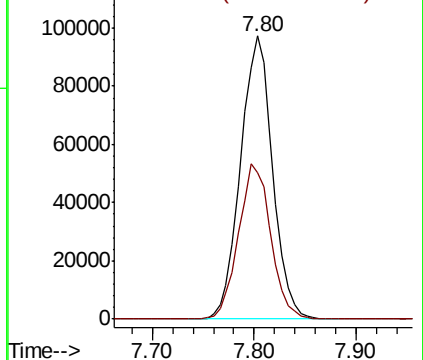
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

Instrument :
 MSVOA_Y
 ClientSampled :

Tot Ion:168 Resp: 211779
 Ion Ratio Lower Upper
 168 100
 99 51.8 46.6 69.8



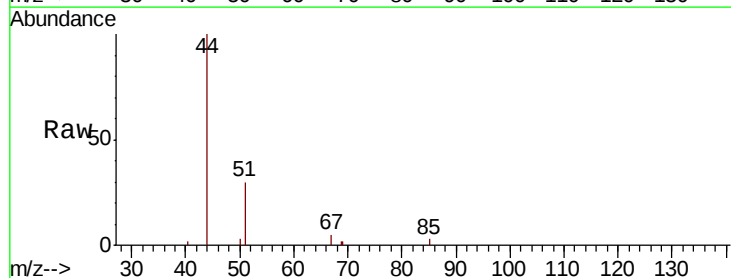
Abundance Ion 167.90 (167.60 to 168.60): VY000413.D (-946) (-)
 Ion 98.90 (98.60 to 99.60): VY000413.D (-946) (-)



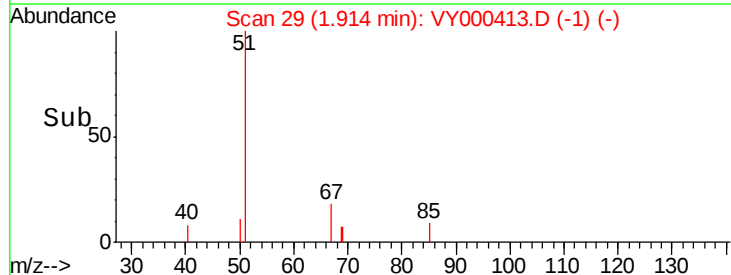
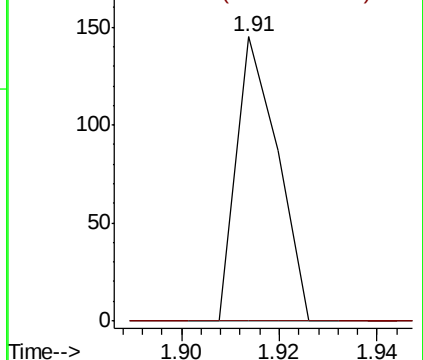
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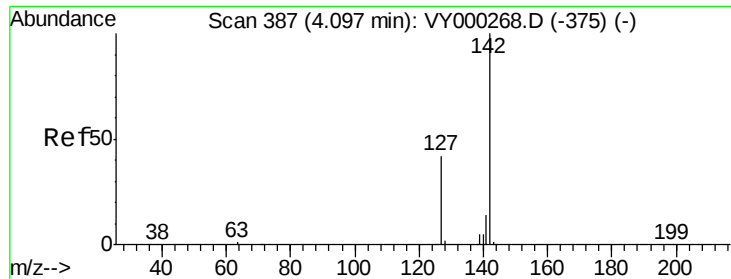
Dichlorodifluoromethane
 Concen: Below Cal
 RT: 1.91 min Scan# 29
 Delta R.T. 0.01 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

Tgt Ion: 85 Resp: 85
 Ion Ratio Lower Upper
 85 100
 87 0.0 16.6 49.8#



Abundance Ion 84.90 (84.60 to 85.60): VY000413.D (-1) (-)
 Ion 86.90 (86.60 to 87.60): VY000413.D (-1) (-)

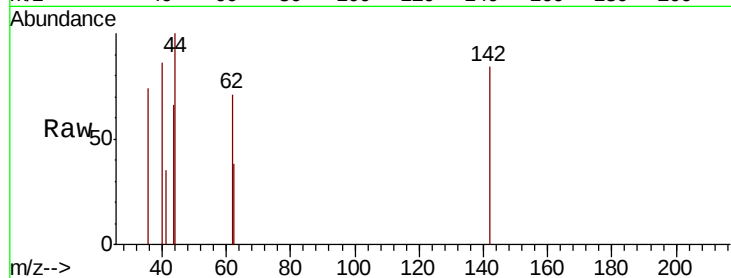




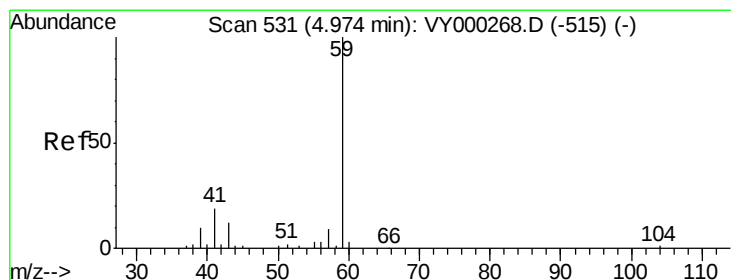
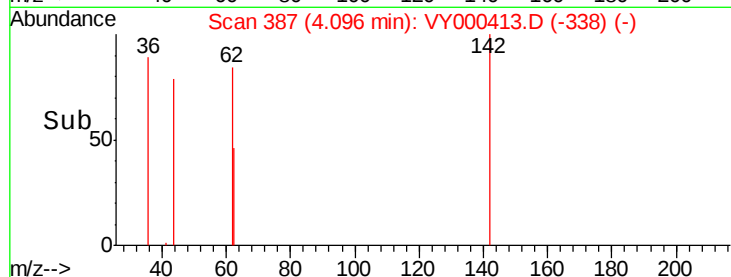
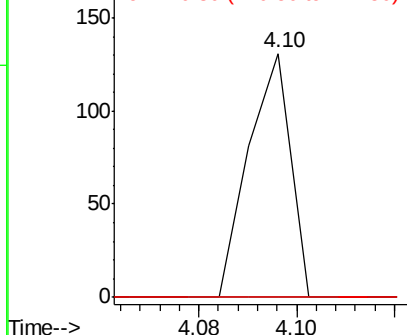
#10
Methvl Iodide
Concen: 1.211 ug/l
RT: 4.10 min Scan# 387
Delta R.T. 0.00 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

Instrument :
MSVOA_Y
ClientSampled :

Tot Ion:142 Resp: 78
Ion Ratio Lower Upper
142 100
127 0.0 33.9 50.9#
141 0.0 11.2 16.8#

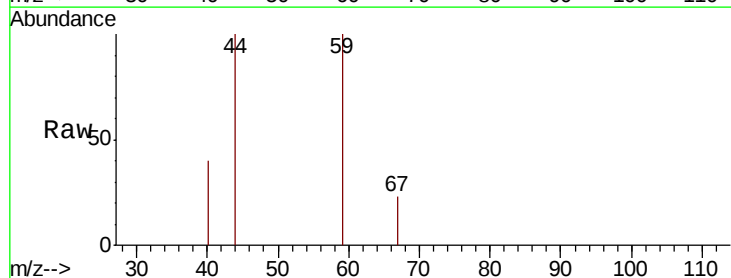


Abundance Ion 141.80 (141.50 to 142.50): V
Ion 126.80 (126.50 to 127.50): V
Ion 140.80 (140.50 to 141.50): V

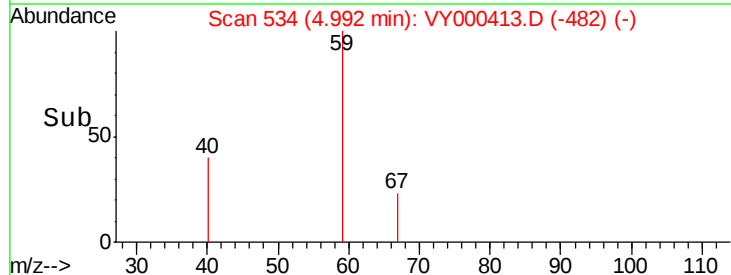
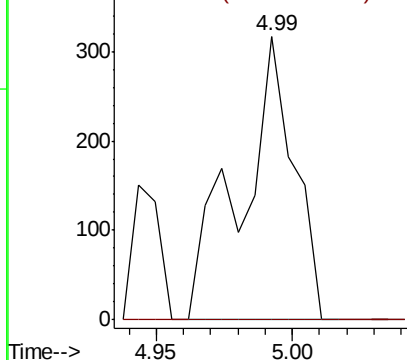


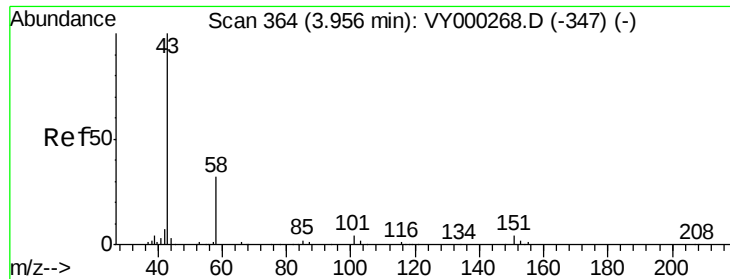
#11
Tert butyl alcohol
Concen: 1.852 ug/l
RT: 4.99 min Scan# 534
Delta R.T. 0.02 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

Tgt Ion: 59 Resp: 433
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VY0
Ion 57.00 (56.70 to 57.70): VY0

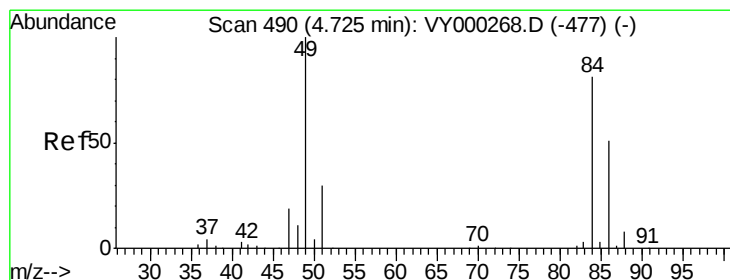
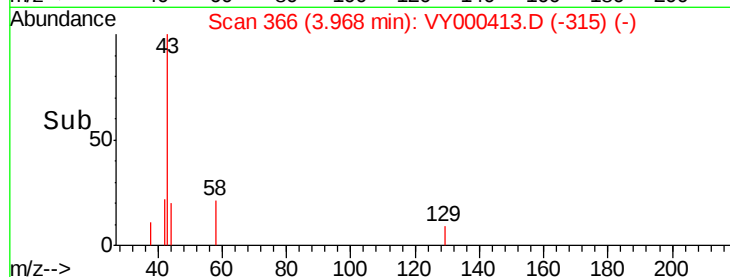
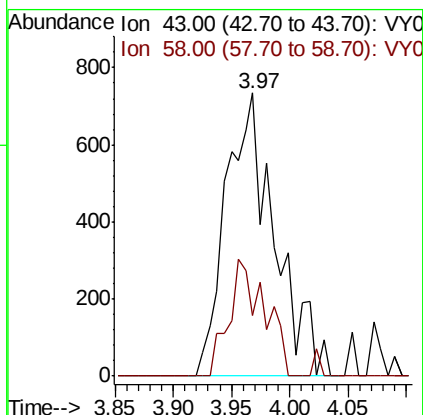
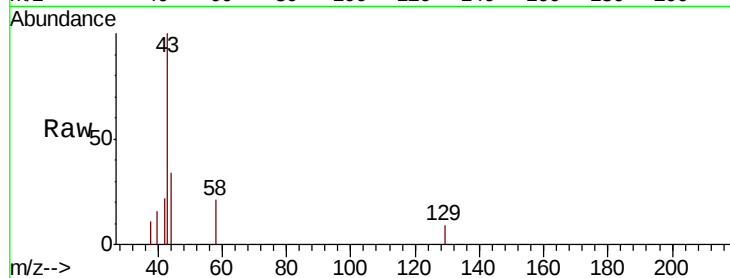




#16
Acetone
Concen: 2.941 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

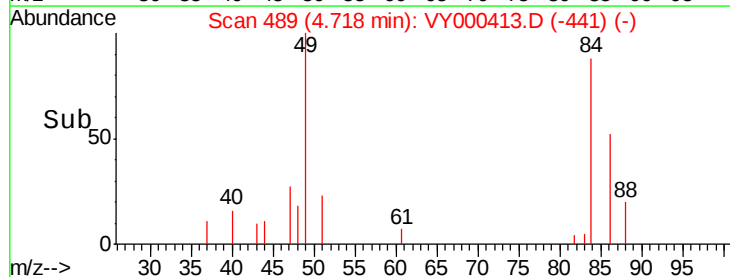
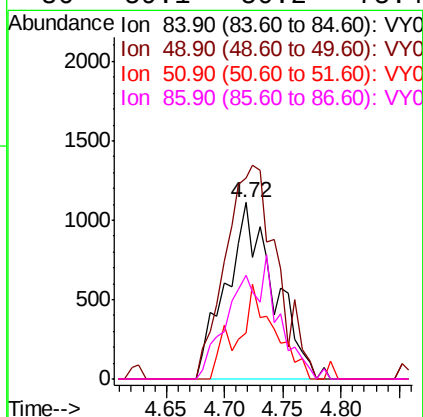
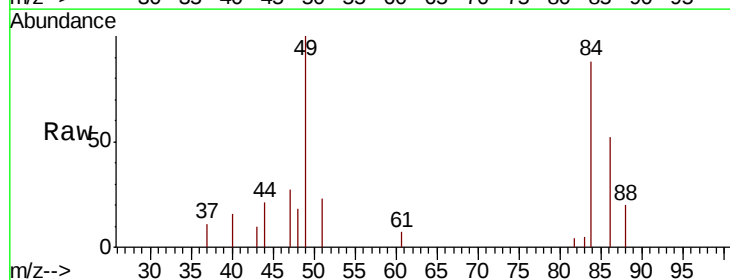
Instrument :
MSVOA_Y
ClientSampleId :

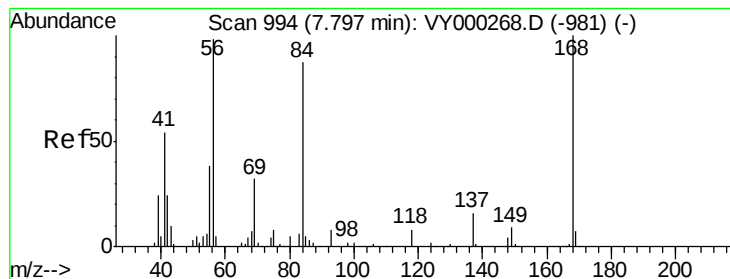
Tot Ion: 43 Resp: 2128
Ion Ratio Lower Upper
43 100
58 21.3 25.8 38.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.72 min Scan# 489
Delta R.T. -0.01 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

Tgt Ion: 84 Resp: 3196
Ion Ratio Lower Upper
84 100
49 113.7 99.0 148.4
51 26.2 29.3 43.9#
86 59.1 50.2 75.4





#31

Cyclohexane

Concen: 1.213 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY000413.D

Acq: 24 Oct 2019 16:36

Instrument :
MSVOA_Y
ClientSampled :

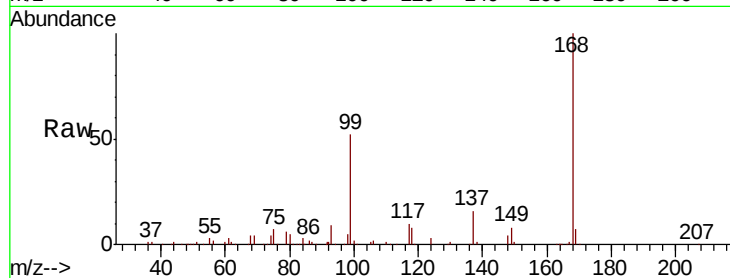
Tot Ion: 56 Resp: 5183

Ion Ratio Lower Upper

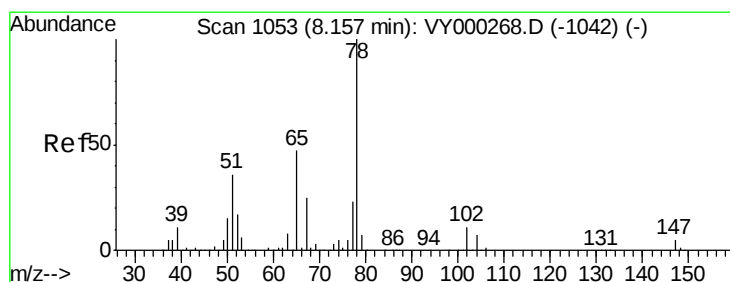
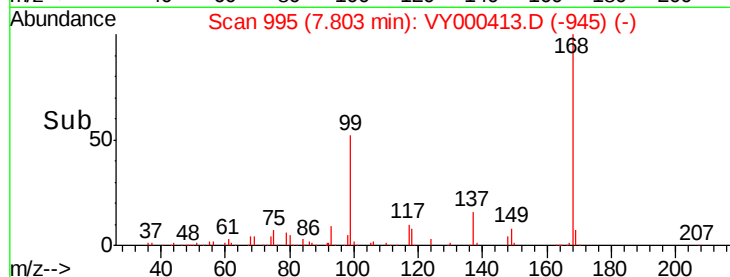
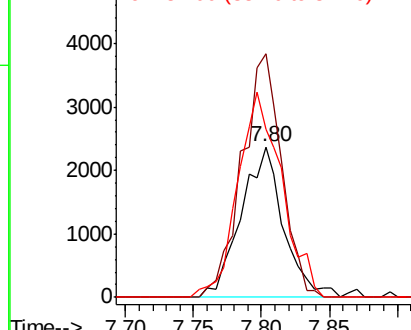
56 100

69 161.5 26.3 39.5#

84 119.7 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: 53.926 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY000413.D

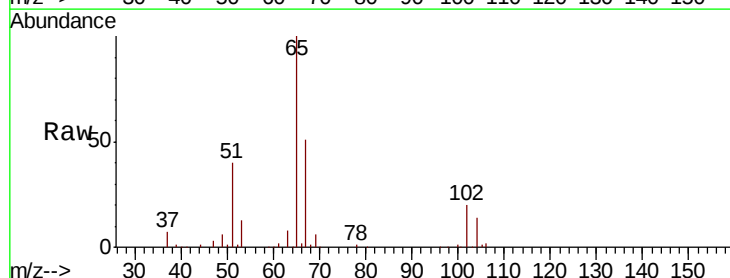
Acq: 24 Oct 2019 16:36

Tgt Ion: 65 Resp: 120468

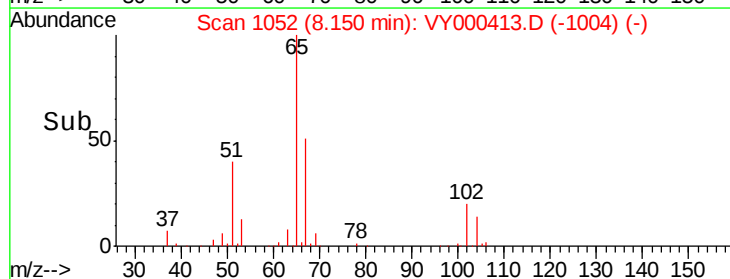
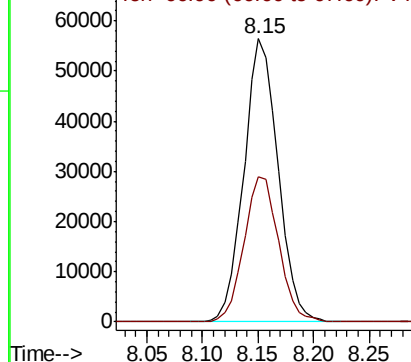
Ion Ratio Lower Upper

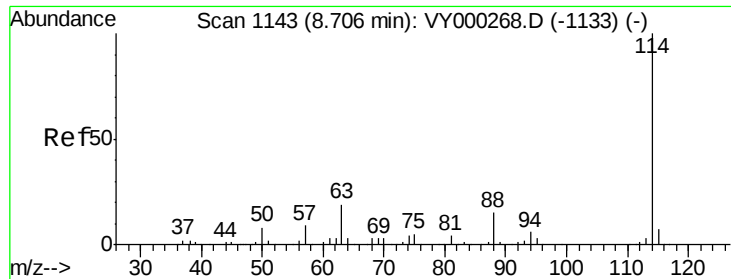
65 100

67 52.1 0.0 109.4



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

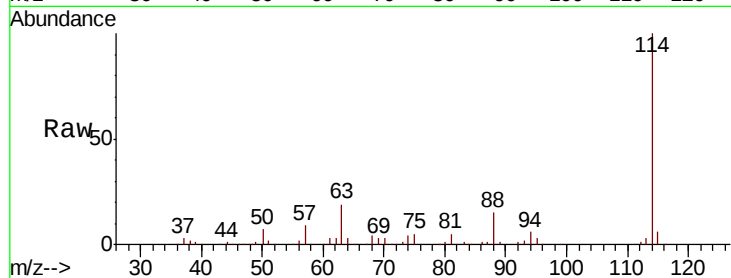




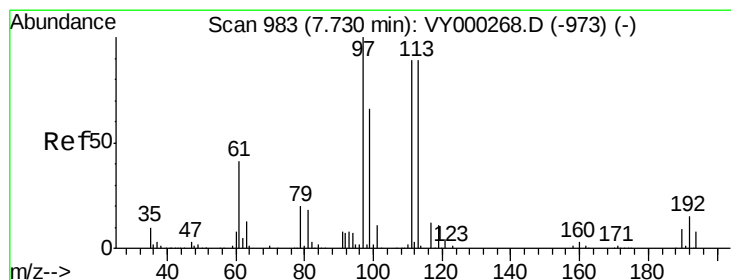
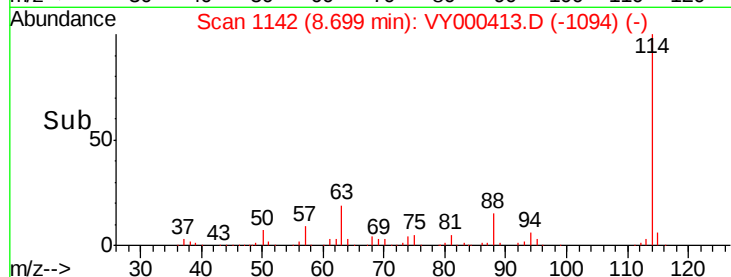
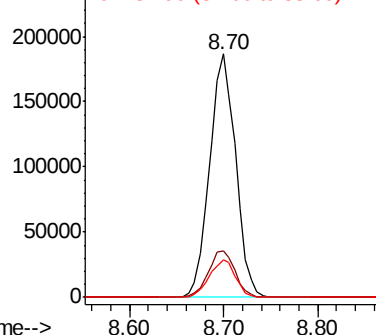
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:114 Resp: 359432
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 37.2
 88 15.3 0.0 30.2

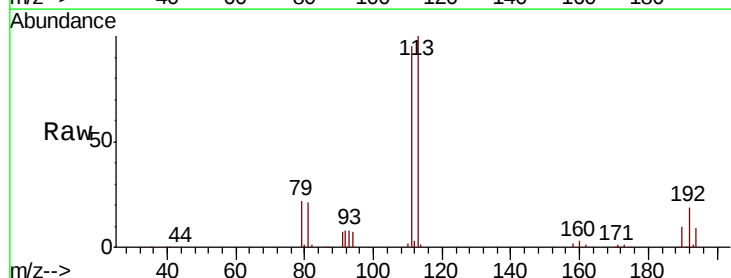


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

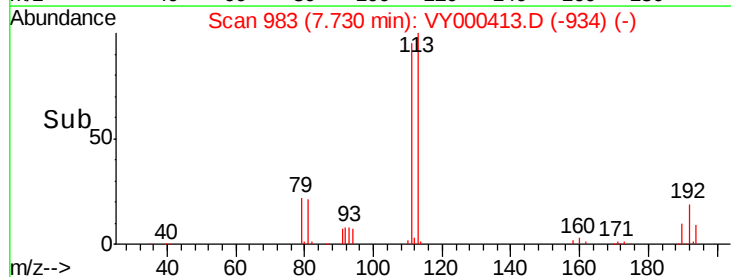
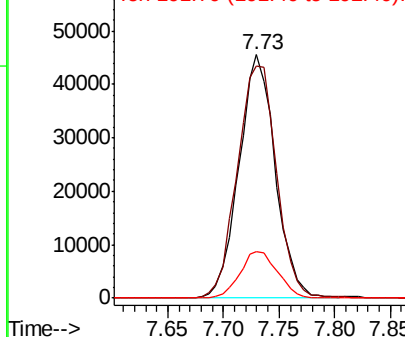


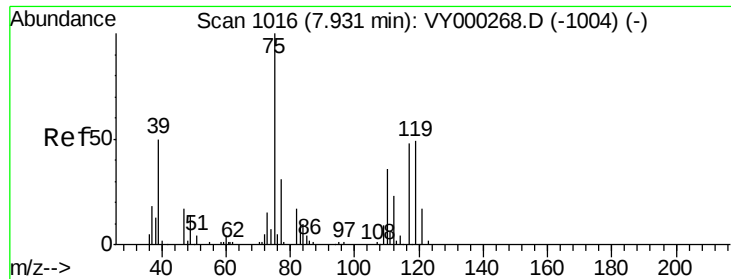
#35
 Dibromofluoromethane
 Concen: 47.566 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

Tgt Ion:113 Resp: 103129
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.6 122.4
 192 20.0 15.3 22.9



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

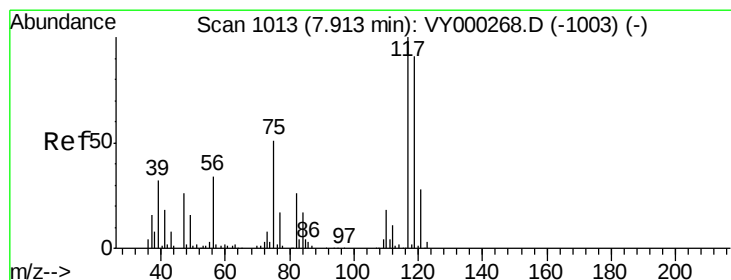
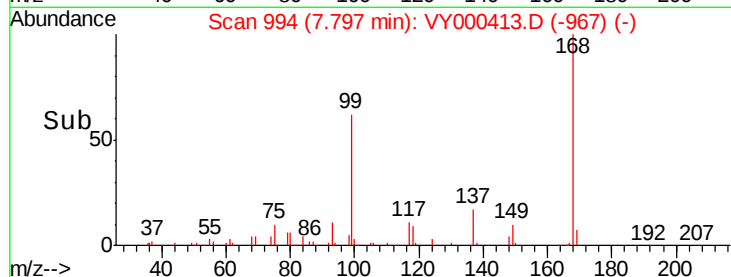
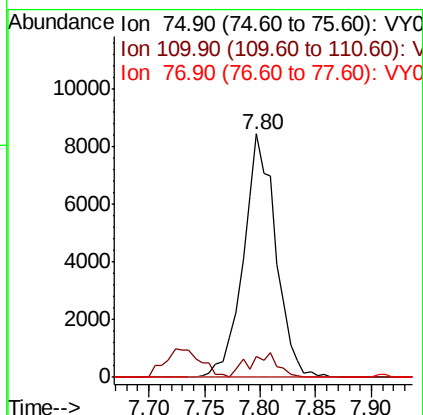
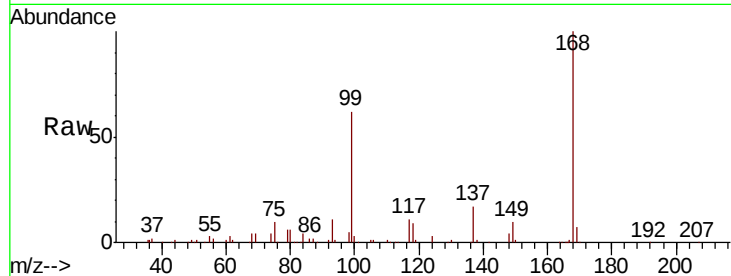




#36
 1,1-Dichloropropene
 Concen: 4.852 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

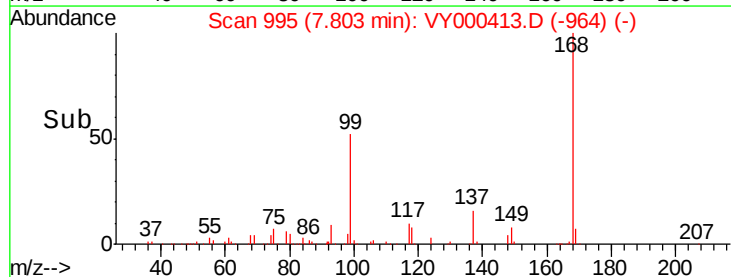
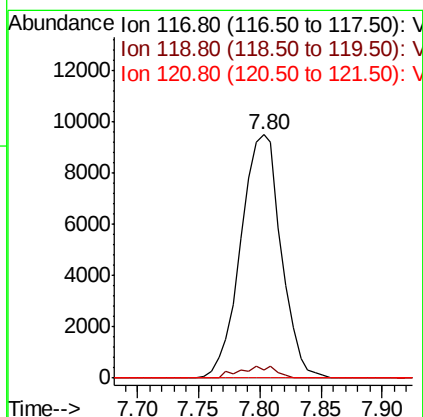
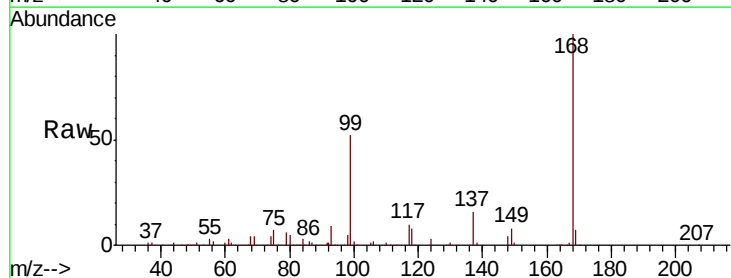
Instrument :
 MSVOA_Y
 ClientSampled :

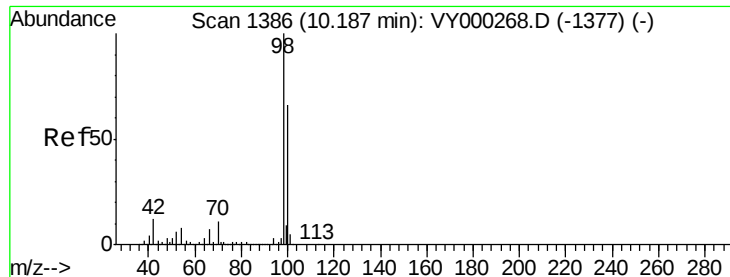
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.4	55.4#
77	0.0	25.0	37.6#



#38
 Carbon Tetrachloride
 Concen: 6.394 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.11 min
 Lab File: VY000413.D
 Acq: 24 Oct 2019 16:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.5	72.8	109.2#
121	0.0	22.2	33.2#





#50

Toluene-d8

Concen: 49.807 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY000413.D

Acq: 24 Oct 2019 16:36

Instrument :

MSVOA_Y

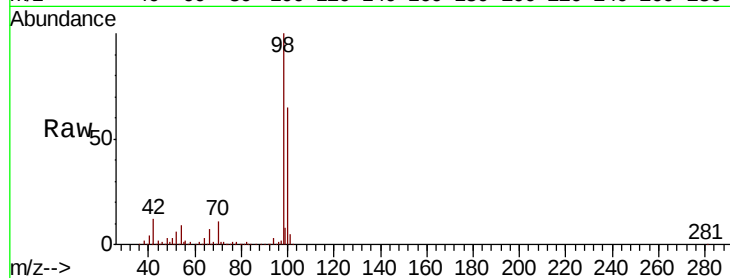
ClientSampled :

Tot Ion: 98 Resp: 415403

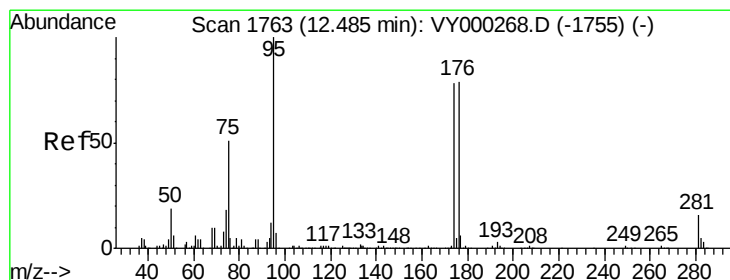
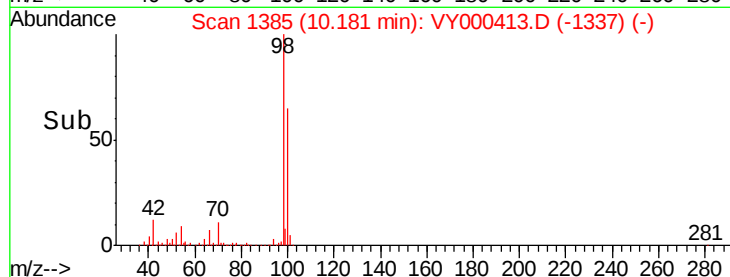
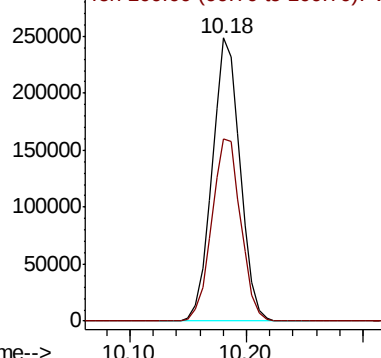
Ion Ratio Lower Upper

98 100

100 66.9 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VY000268.D (-1377) (-)



#62

4-Bromofluorobenzene

Concen: 37.808 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY000413.D

Acq: 24 Oct 2019 16:36

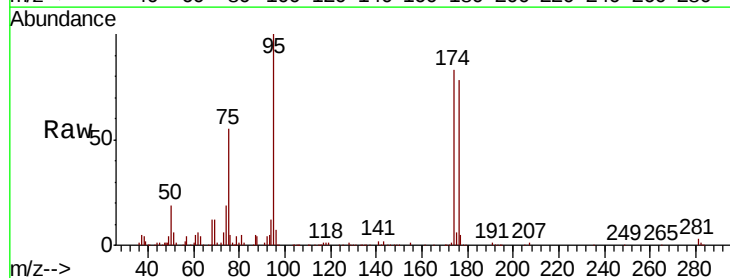
Tgt Ion: 95 Resp: 119795

Ion Ratio Lower Upper

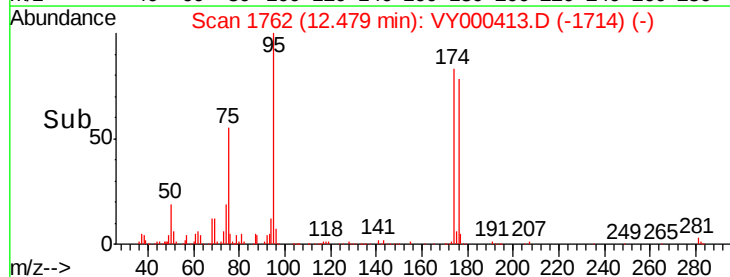
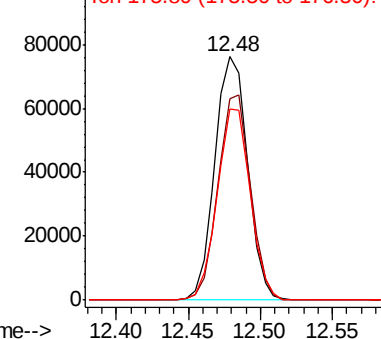
95 100

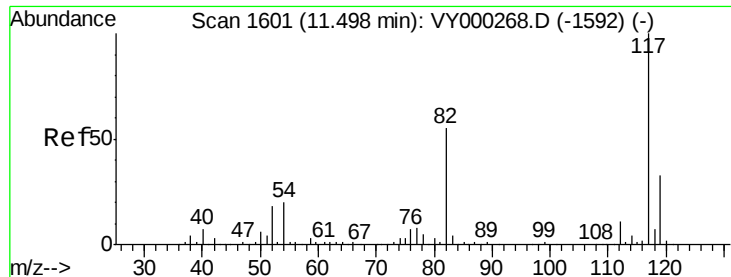
174 83.2 0.0 159.6

176 79.1 0.0 153.8



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

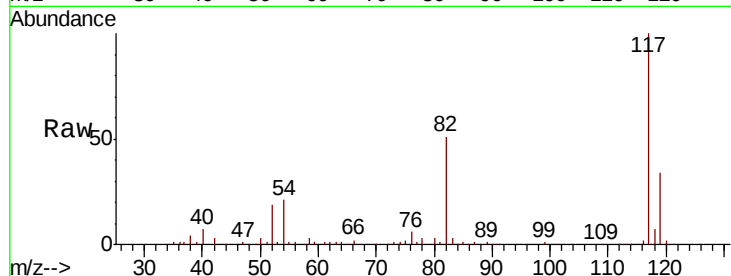




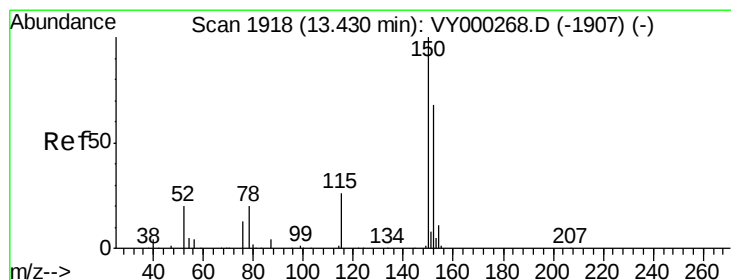
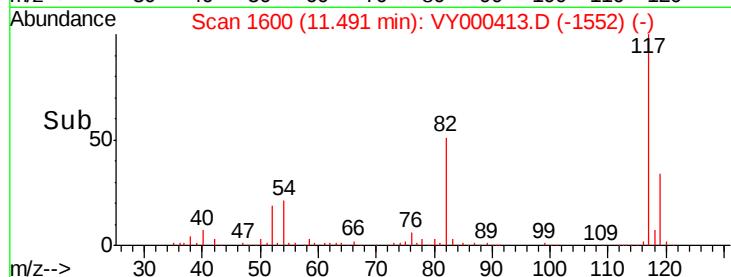
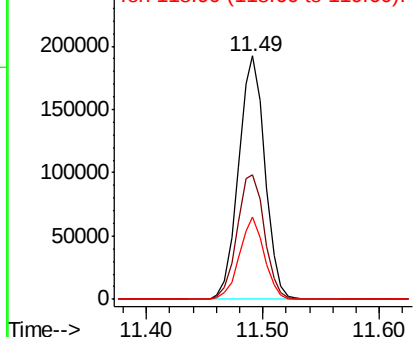
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 302937
Ion Ratio Lower Upper
117 100
82 51.1 43.7 65.5
119 34.1 26.6 39.8

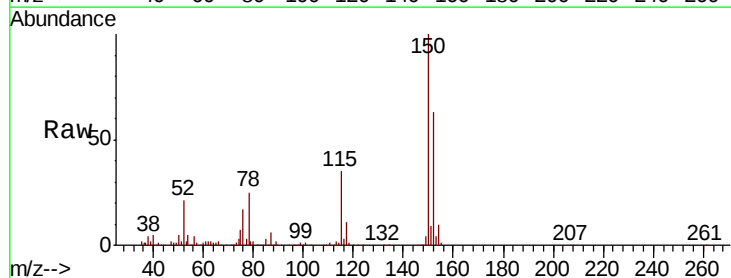


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

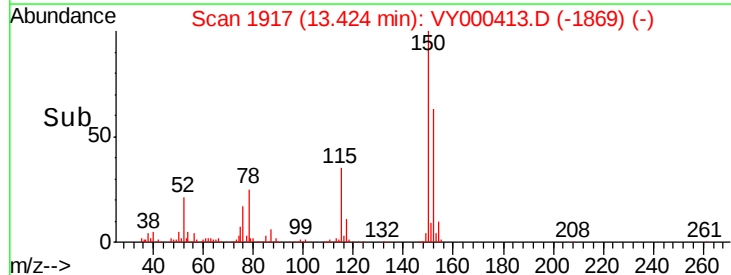
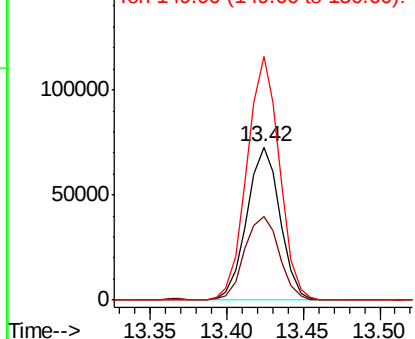


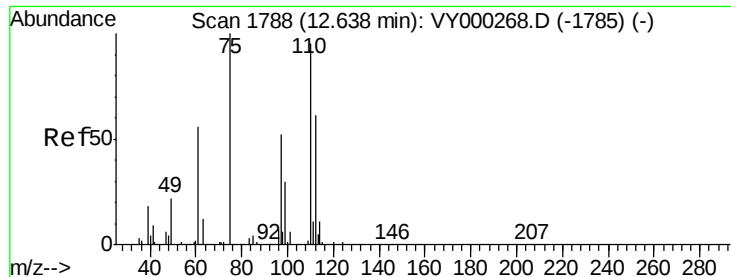
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY000413.D
Acq: 24 Oct 2019 16:36

Tgt Ion:152 Resp: 109650
Ion Ratio Lower Upper
152 100
115 57.5 29.3 88.0
150 156.3 0.0 348.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 48.447 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.16 min

Lab File: VY000413.D

Acq: 24 Oct 2019 16:36

Instrument :

MSVOA_Y

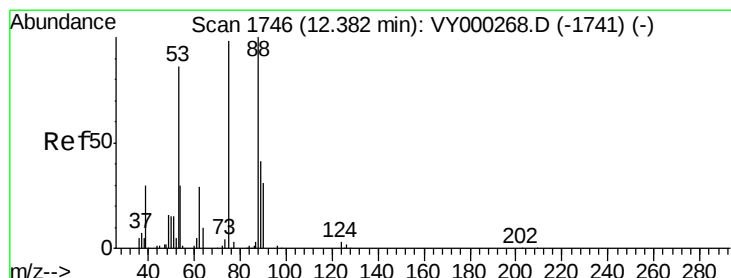
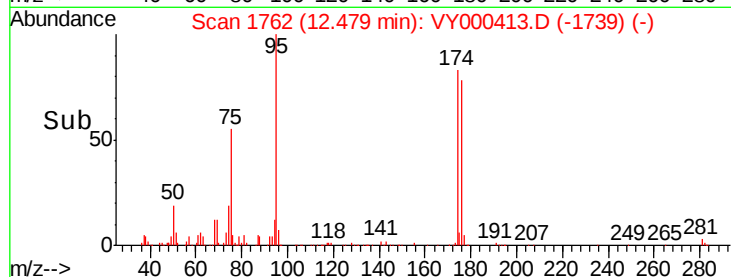
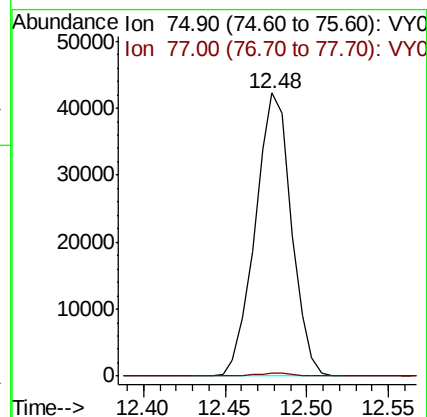
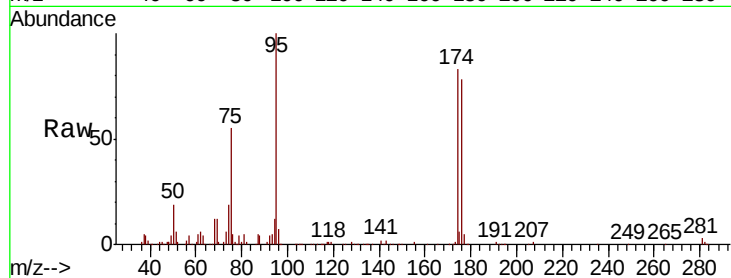
ClientSampleId :

Tot Ion: 75 Resp: 65322

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 106.000 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000413.D

Acq: 24 Oct 2019 16:36

Tgt Ion: 75 Resp: 65322

Ion Ratio Lower Upper

75 100

53 0.0 71.3 106.9#

89 0.2 35.1 52.7#

