

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY111819\
 Data File : VY000728.D
 Acq On : 18 Nov 2019 15:41
 Operator : SY/MD
 Sample : K5861-21RE
 Misc : 4.07G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-18RE

Quant Time: Nov 18 16:00:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	119613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	181772	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	134196	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	57862	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.14	65	45500	36.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	73.52%	
35) Dibromofluoromethane	7.73	113	47612	44.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.24%	
50) Toluene-d8	10.18	98	201490	49.76	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.48	95	55929	36.28	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	72.56%	

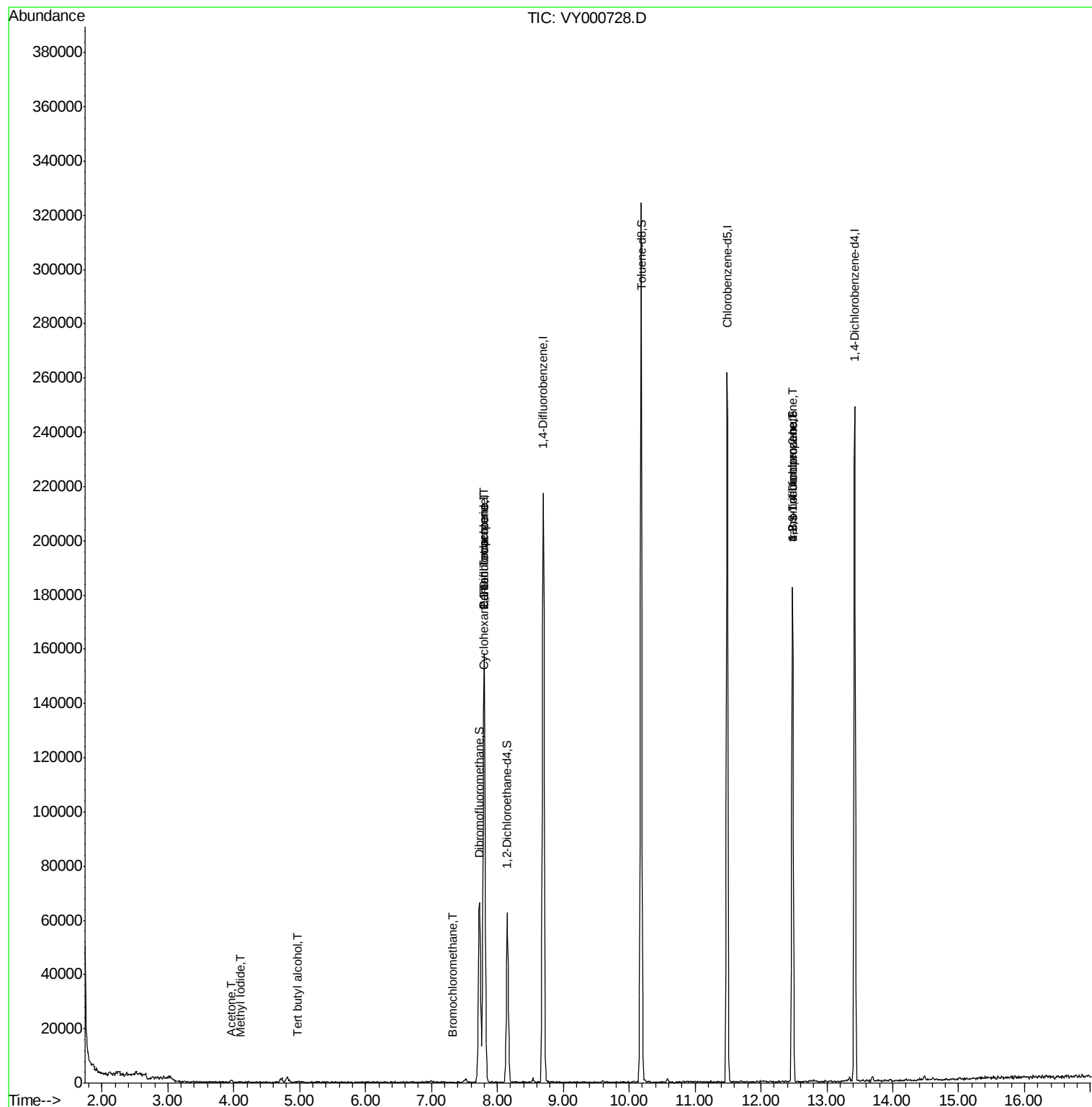
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	4.10	142	122	3.270	ug/l #	41
11) Tert butyl alcohol	4.96	59	315	2.614	ug/l #	89
16) Acetone	3.96	43	849	2.489	ug/l #	75
28) Bromochloromethane	7.32	49	24	4.114	ug/l #	14
31) Cyclohexane	7.78	56	2824	1.179	ug/l #	54
36) 1,1-Dichloropropene	7.80	75	9341	5.436	ug/l #	52
38) Carbon Tetrachloride	7.80	117	12791	7.736	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	30134	45.738	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	30134	102.551	ug/l #	13

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

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Quant Title : SW846 8260
QLast Update : Wed Oct 30 13:30:53 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: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

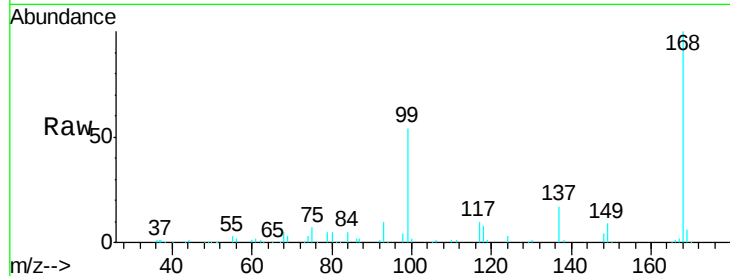
EP-18RE

Tgt Ion:168 Resp: 119613

Ion Ratio Lower Upper

168 100

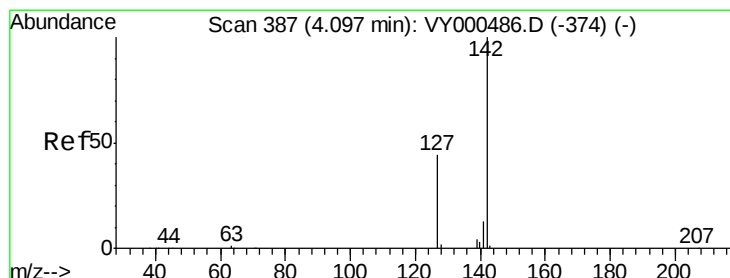
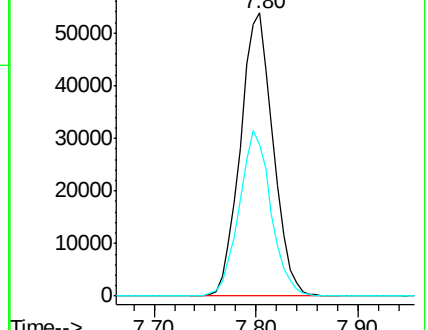
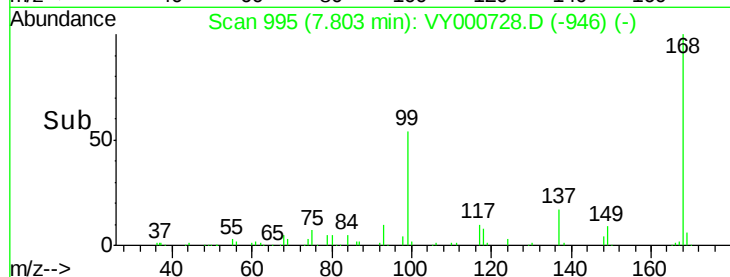
99 53.6 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

Time-->



#10

Methyl Iodide

Concen: 3.270 ug/l

RT: 4.10 min Scan# 388

Delta R.T. 0.01 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

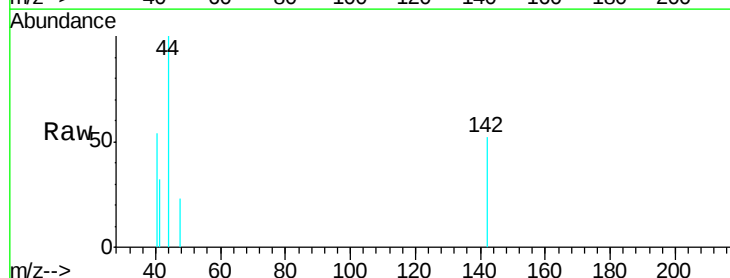
Tgt Ion:142 Resp: 122

Ion Ratio Lower Upper

142 100

127 0.0 33.7 50.5#

141 0.0 10.9 16.3#

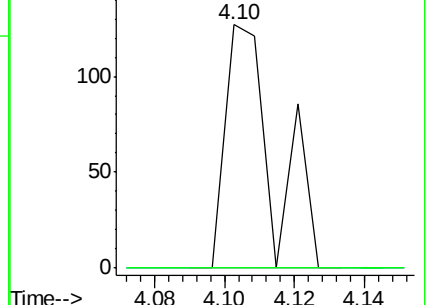
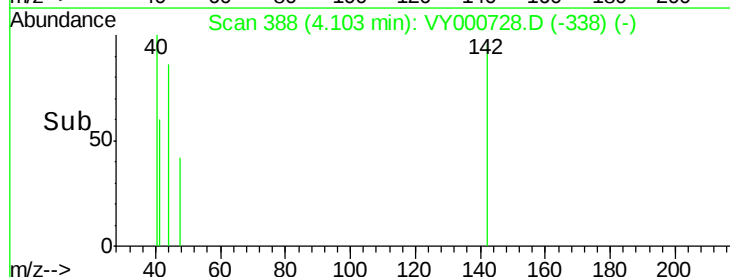


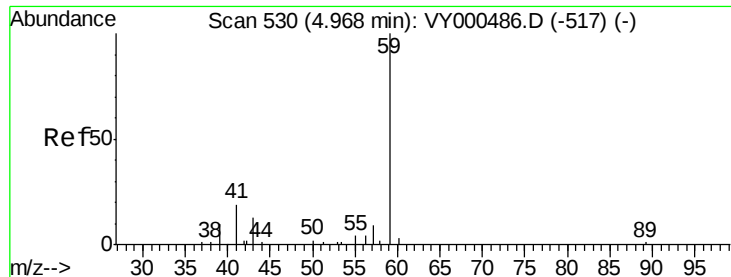
Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

Time-->



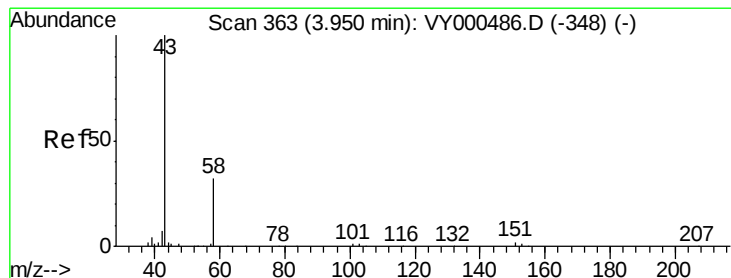
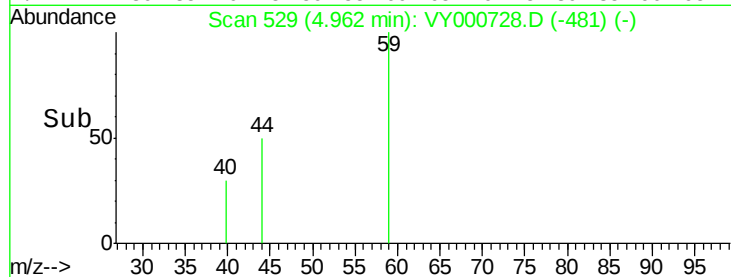
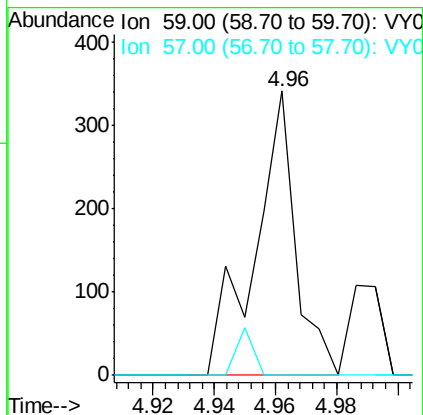
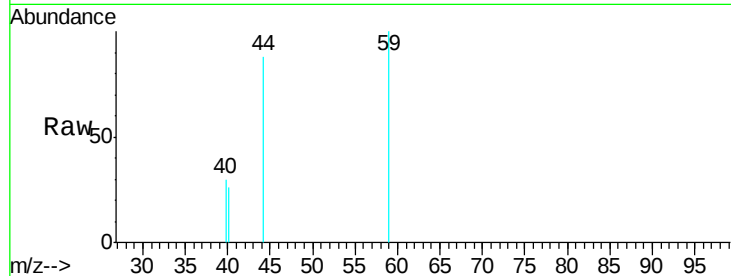


#11

Tert butyl alcohol
 Concen: 2.614 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

Instrument :
 MSVOA_Y
 ClientSampleId :
 EP-18RE

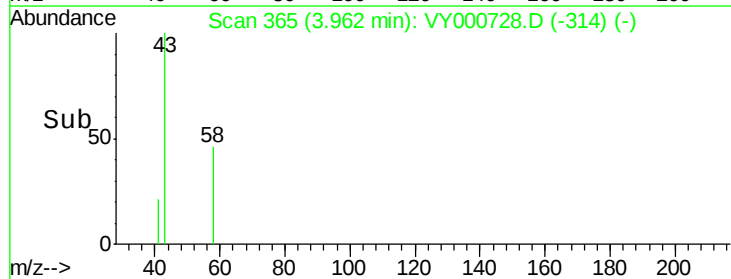
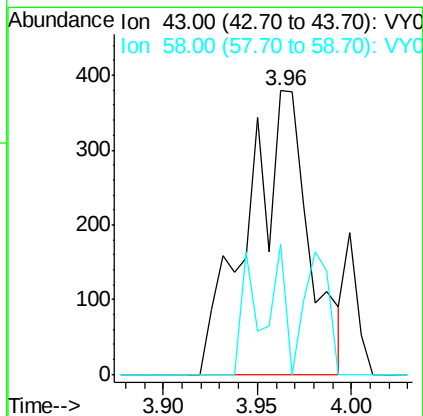
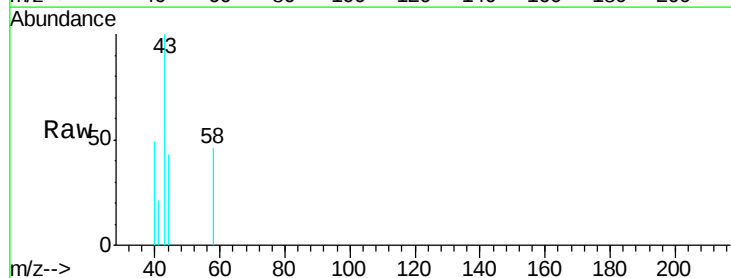
Tgt Ion: 59 Resp: 315
 Ion Ratio Lower Upper
 59 100
 57 6.7 8.6 12.8#

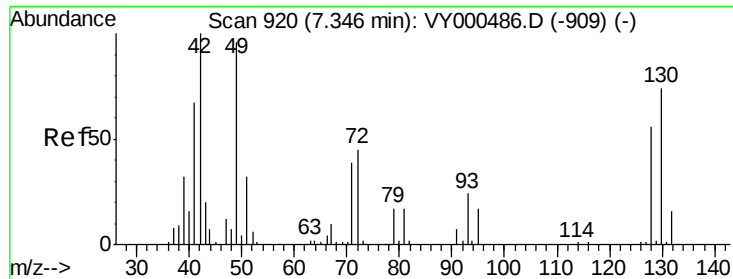


#16

Acetone
 Concen: 2.489 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

Tgt Ion: 43 Resp: 849
 Ion Ratio Lower Upper
 43 100
 58 45.9 25.8 38.6#





#28

Bromochloromethane

Concen: 4.114 ug/l

RT: 7.32 min Scan# 915

Delta R.T. -0.03 min

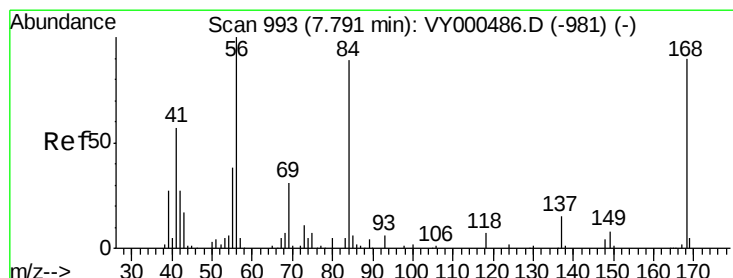
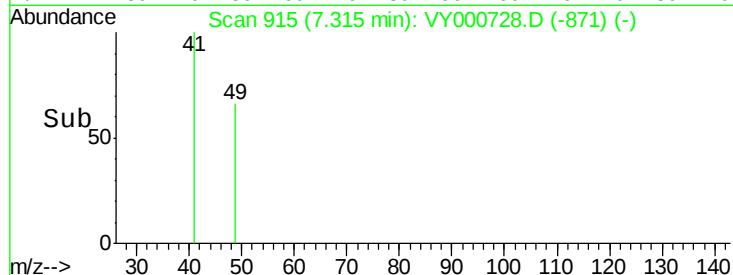
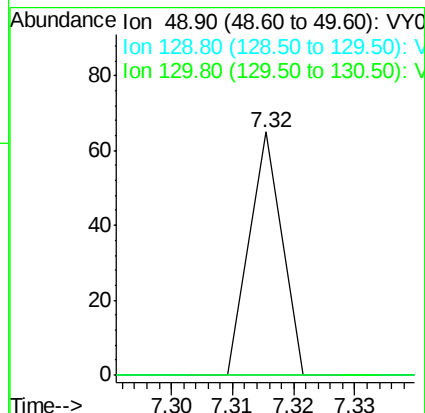
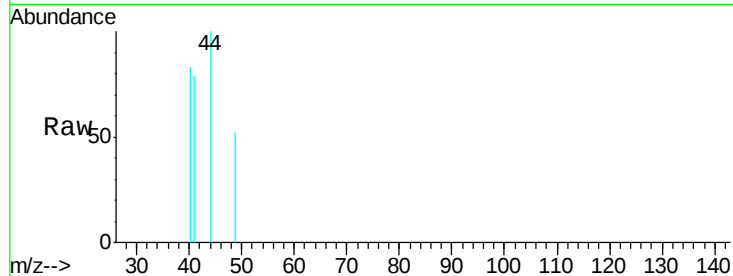
Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :
MSVOA_Y
ClientSampleId :
EP-18RE

Tgt Ion: 49 Resp: 24

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.6
130	0.0	59.4	89.0#



#31

Cyclohexane

Concen: 1.179 ug/l

RT: 7.78 min Scan# 992

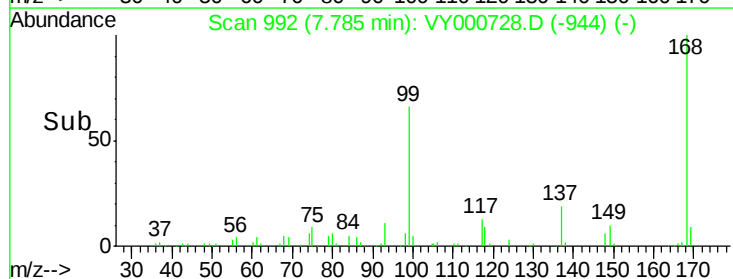
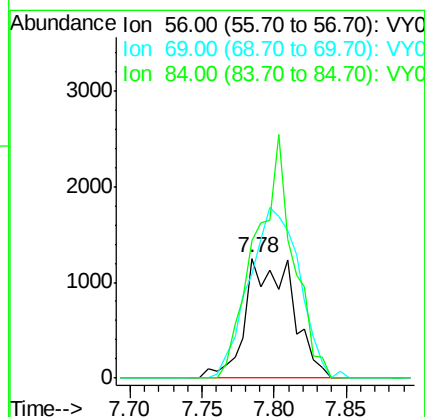
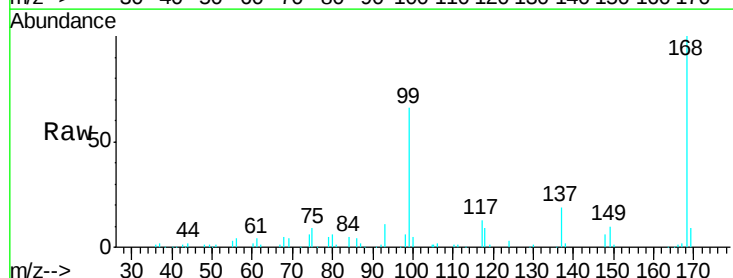
Delta R.T. -0.01 min

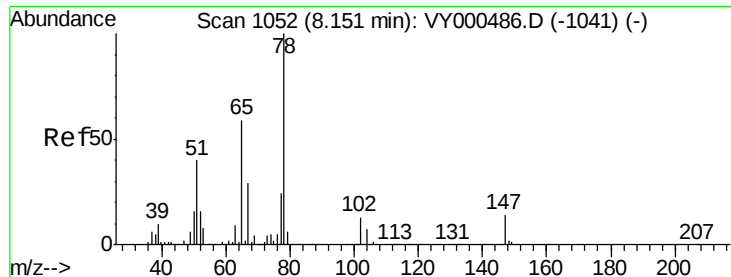
Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Tgt Ion: 56 Resp: 2824

Ion	Ratio	Lower	Upper
56	100		
69	86.4	25.0	37.6#
84	114.8	71.4	107.2#





#33

1,2-Dichloroethane-d4

Concen: 36.758 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

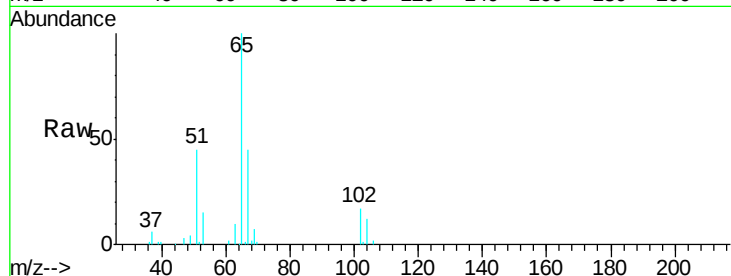
EP-18RE

Tgt Ion: 65 Resp: 45500

Ion Ratio Lower Upper

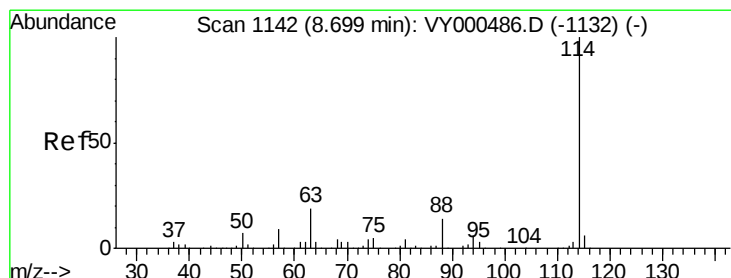
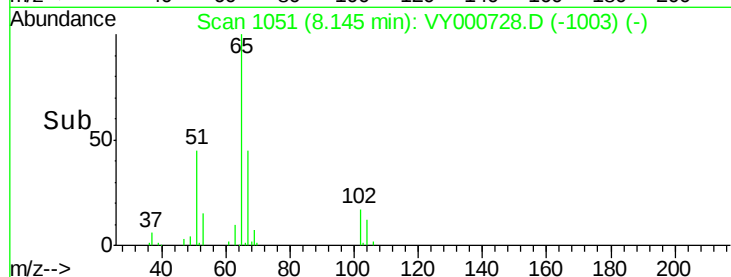
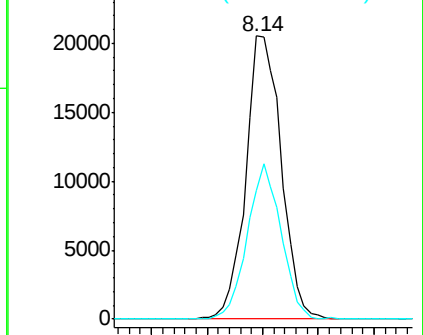
65 100

67 52.2 0.0 107.2



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: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

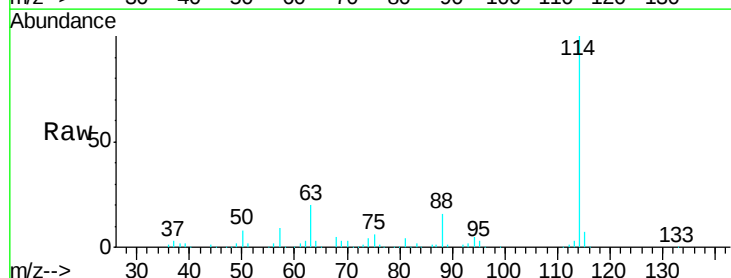
Tgt Ion: 114 Resp: 181772

Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.0

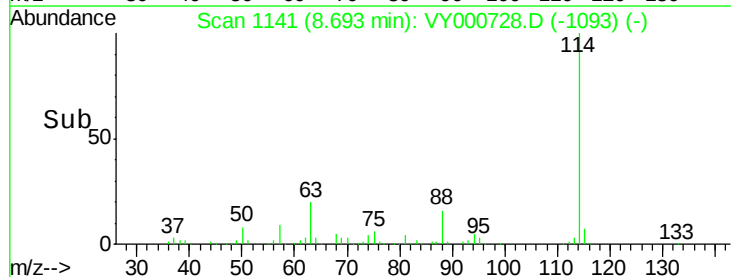
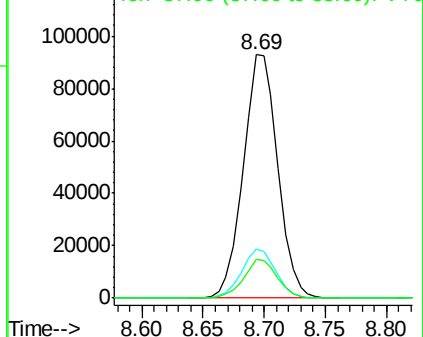
88 16.0 0.0 28.6

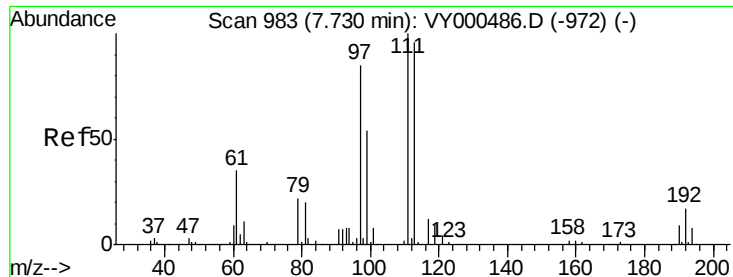


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

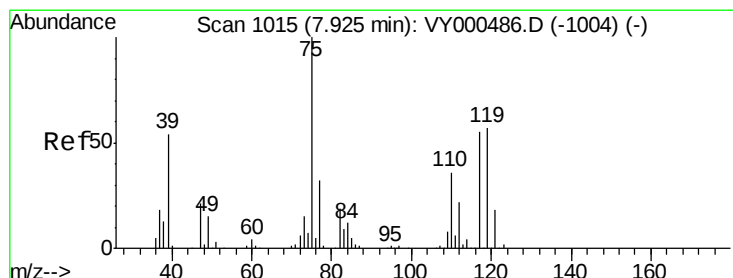
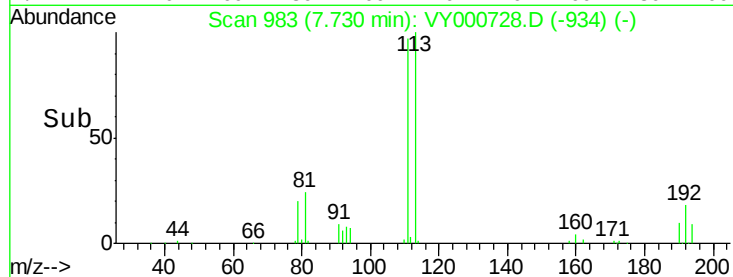
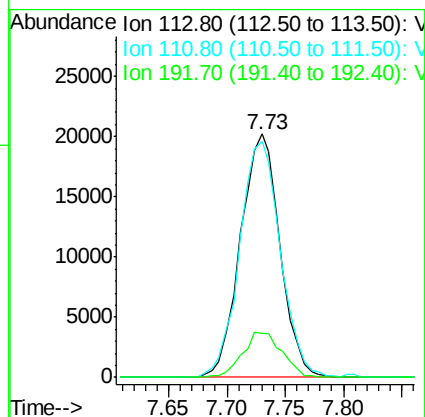
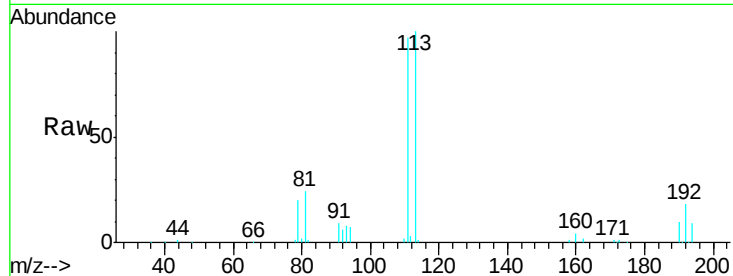




#35
 Dibromofluoromethane
 Concen: 44.617 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.00 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

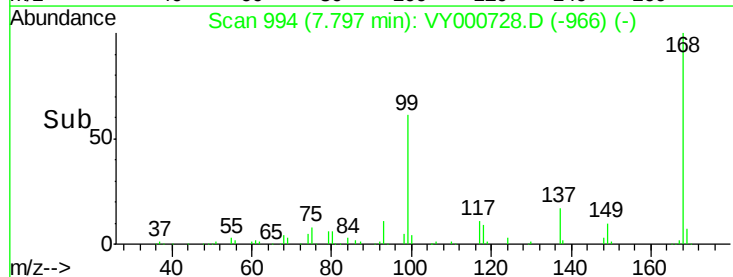
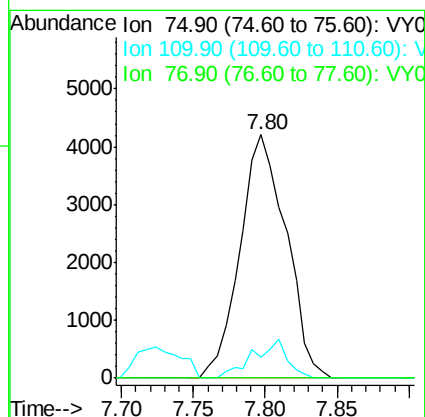
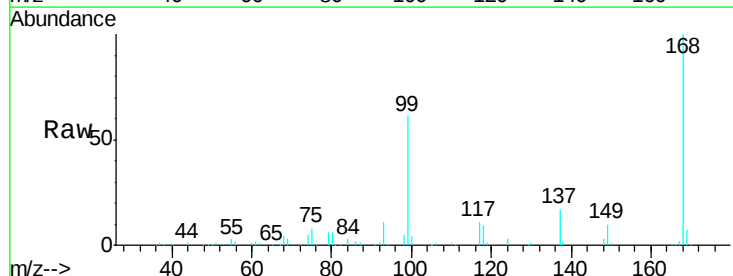
Instrument :
 MSVOA_Y
 ClientSampled :
 EP-18RE

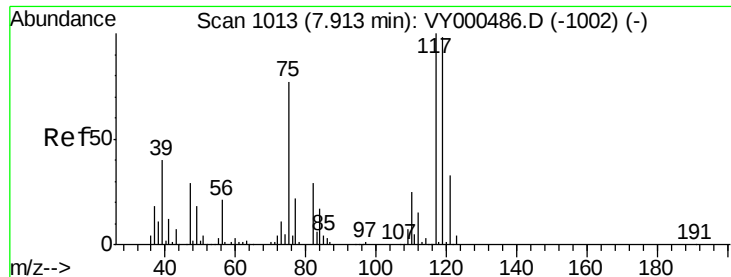
Tgt Ion:113 Resp: 47612
 Ion Ratio Lower Upper
 113 100
 111 100.2 81.7 122.5
 192 18.5 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 5.436 ug/l
 RT: 7.80 min Scan# 994
 Delta R.T. -0.13 min
 Lab File: VY000728.D
 Acq: 18 Nov 2019 15:41

Tgt Ion: 75 Resp: 9341
 Ion Ratio Lower Upper
 75 100
 110 11.8 18.1 54.1#
 77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 7.736 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.12 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

EP-18RE

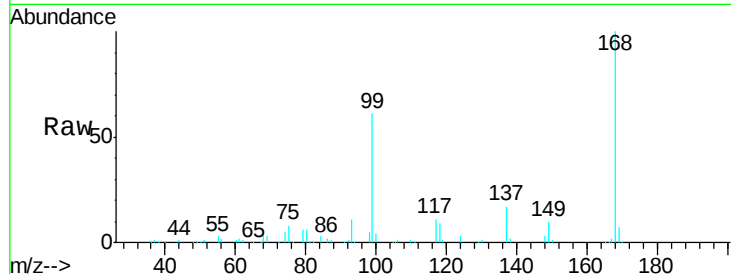
Tgt Ion:117 Resp: 12791

Ion Ratio Lower Upper

117 100

119 7.9 78.0 117.0#

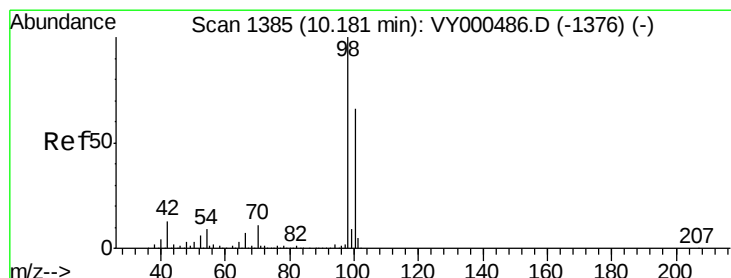
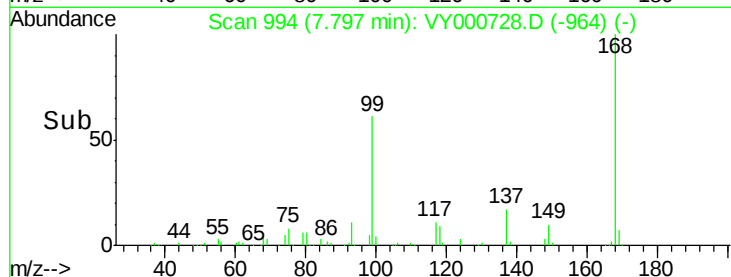
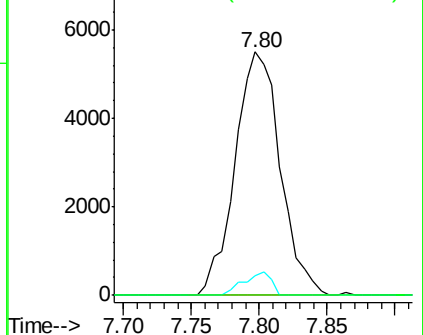
121 0.0 26.6 40.0#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 49.761 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000728.D

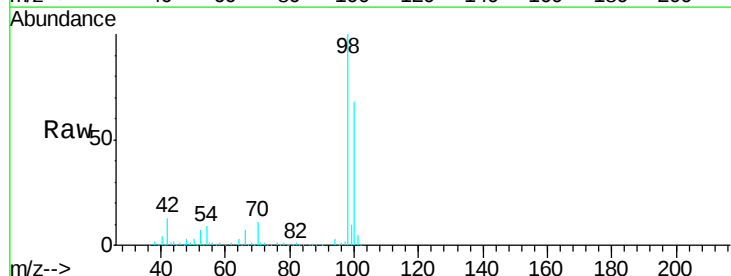
Acq: 18 Nov 2019 15:41

Tgt Ion: 98 Resp: 201490

Ion Ratio Lower Upper

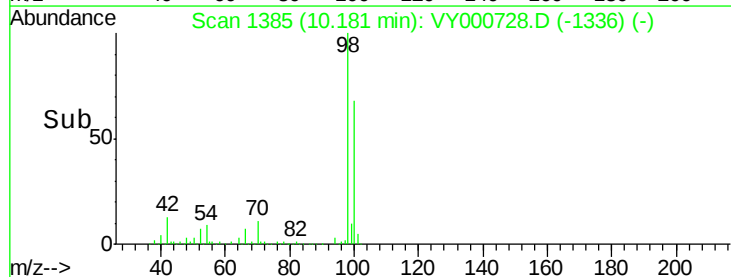
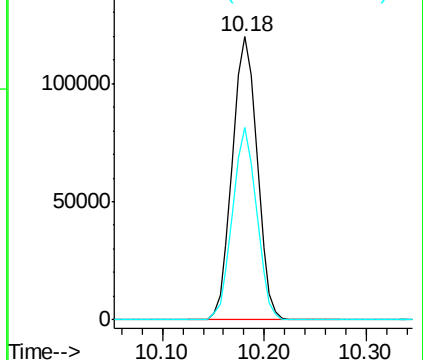
98 100

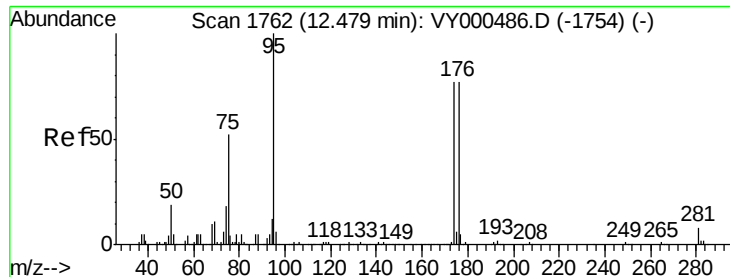
100 66.1 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

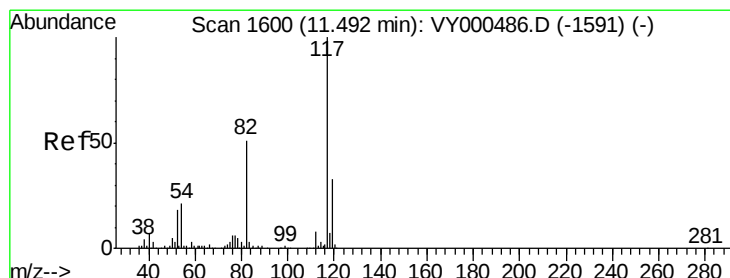
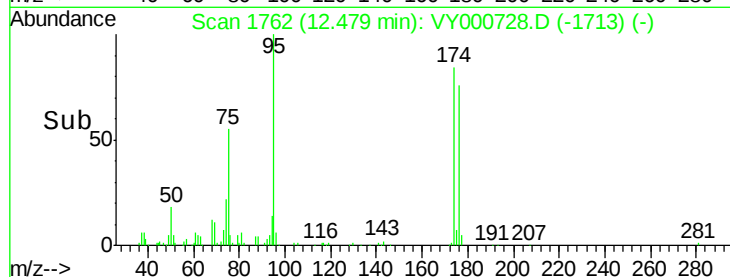
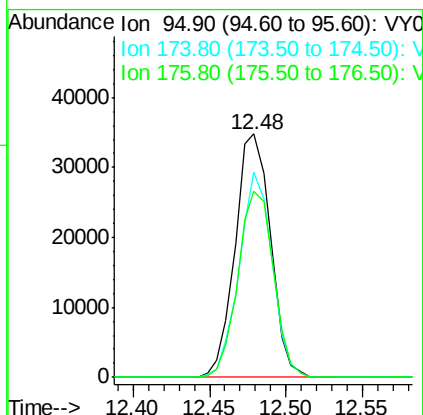
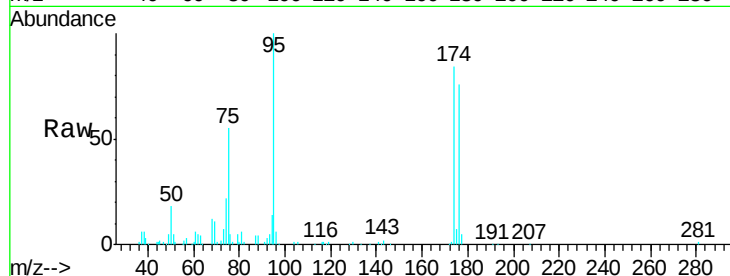




#62
4-Bromofluorobenzene
Concen: 36.282 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000728.D
Acq: 18 Nov 2019 15:41

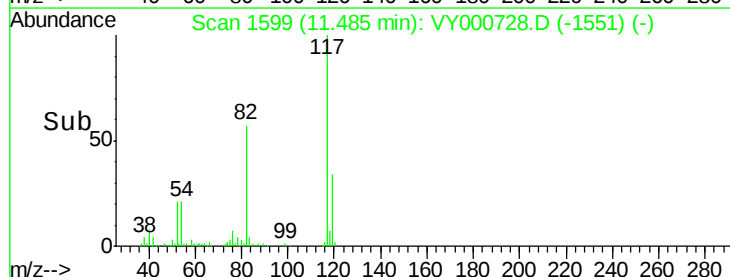
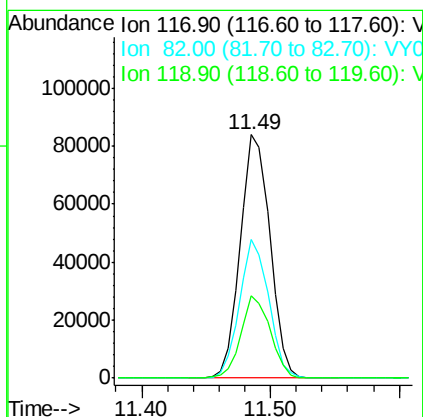
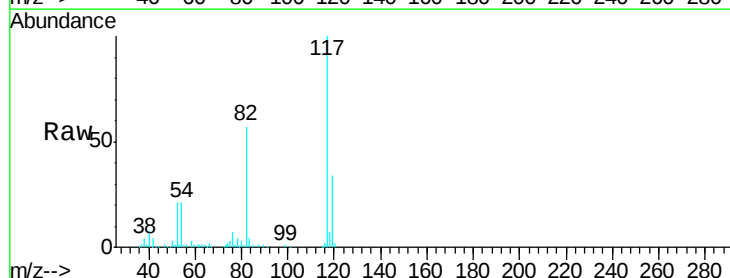
Instrument :
MSVOA_Y
ClientSampleId :
EP-18RE

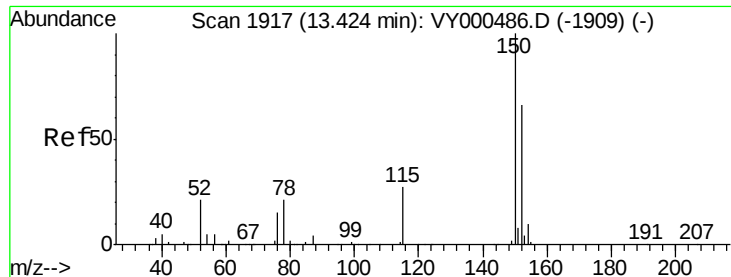
Tgt Ion: 95 Resp: 55929
Ion Ratio Lower Upper
95 100
174 78.5 0.0 161.6
176 76.8 0.0 157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VY000728.D
Acq: 18 Nov 2019 15:41

Tgt Ion: 117 Resp: 134196
Ion Ratio Lower Upper
117 100
82 57.1 40.8 61.2
119 33.9 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.00 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

EP-18RE

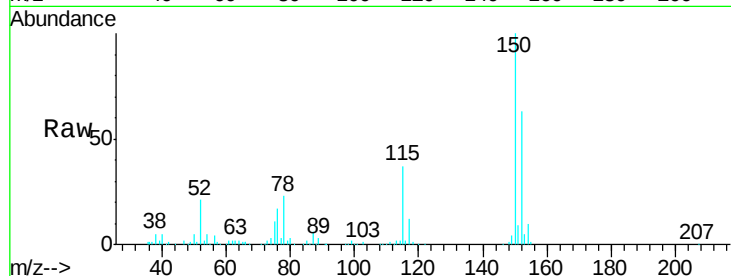
Tgt Ion:152 Resp: 57862

Ion Ratio Lower Upper

152 100

115 59.6 29.1 87.4

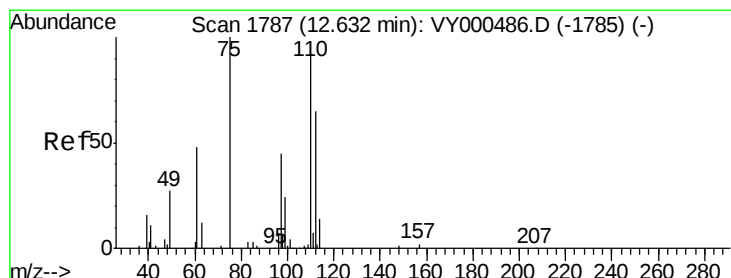
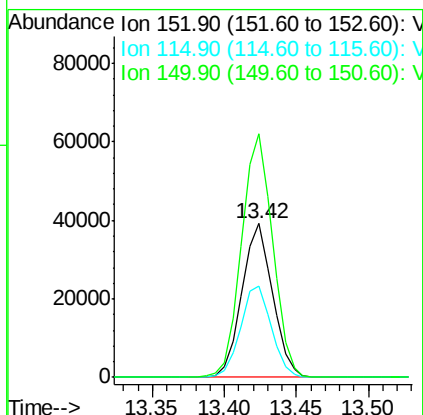
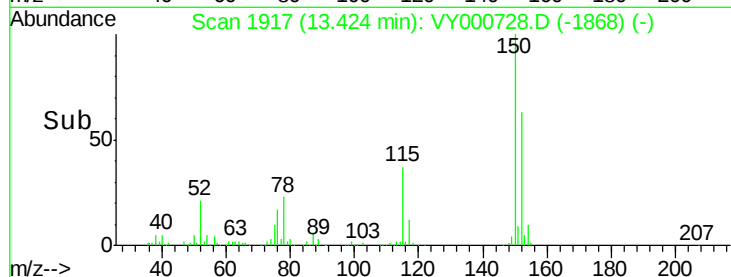
150 160.5 0.0 348.8



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: 45.738 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.15 min

Lab File: VY000728.D

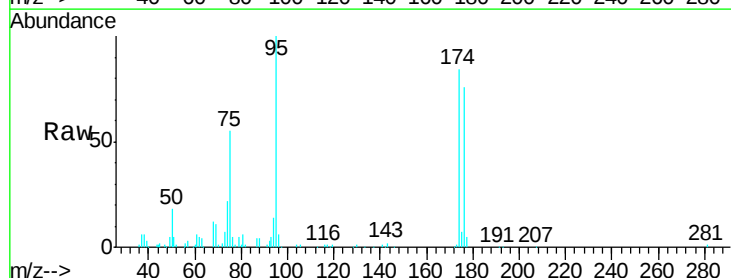
Acq: 18 Nov 2019 15:41

Tgt Ion: 75 Resp: 30134

Ion Ratio Lower Upper

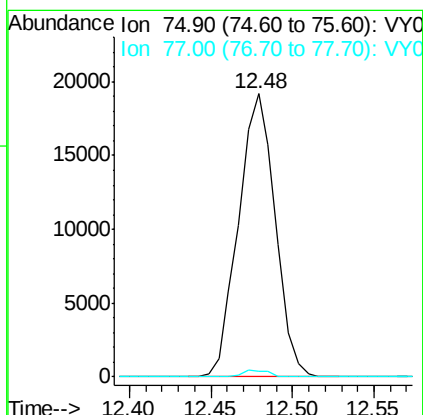
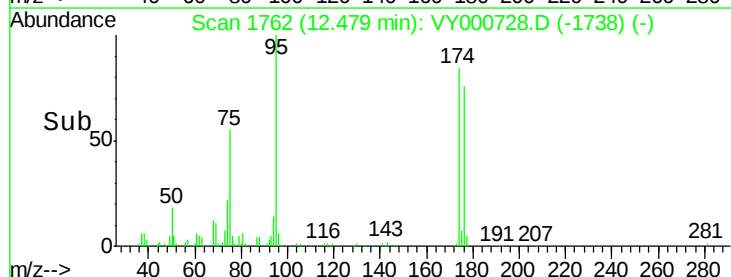
75 100

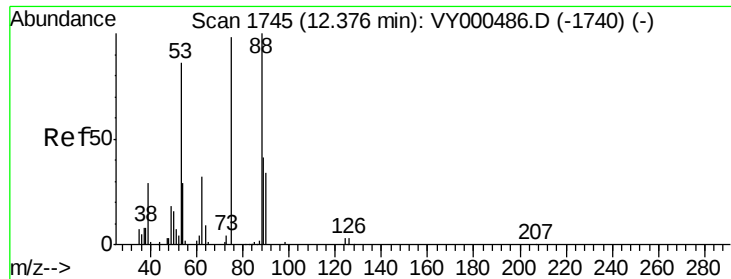
77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#81

trans-1,4-Dichloro-2-butene

Concen: 102.551 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000728.D

Acq: 18 Nov 2019 15:41

Instrument :

MSVOA_Y

ClientSampleId :

EP-18RE

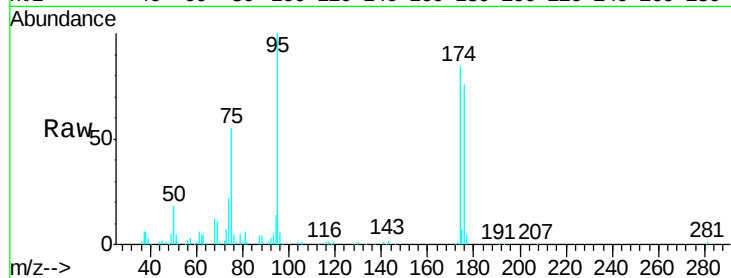
Tgt Ion: 75 Resp: 30134

Ion Ratio Lower Upper

75 100

53 0.0 73.2 109.8#

89 0.0 35.9 53.9#



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

