

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000615.D
 Acq On : 08 Nov 2019 14:27
 Operator : SY/MD
 Sample : K5722-14
 Misc : 5.25G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2-A

Quant Time: Nov 11 04:44:20 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	7.81	168	210597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	385825	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	347911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	156647	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	131700	60.43	ug/l	0.00
Spiked Amount						
			Recovery	=	120.86%	
35) Dibromofluoromethane	7.74	113	113167	49.96	ug/l	0.00
Spiked Amount						
			Recovery	=	99.92%	
50) Toluene-d8	10.19	98	455770	53.03	ug/l	0.00
Spiked Amount						
			Recovery	=	106.06%	
62) 4-Bromofluorobenzene	12.48	95	154890	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	

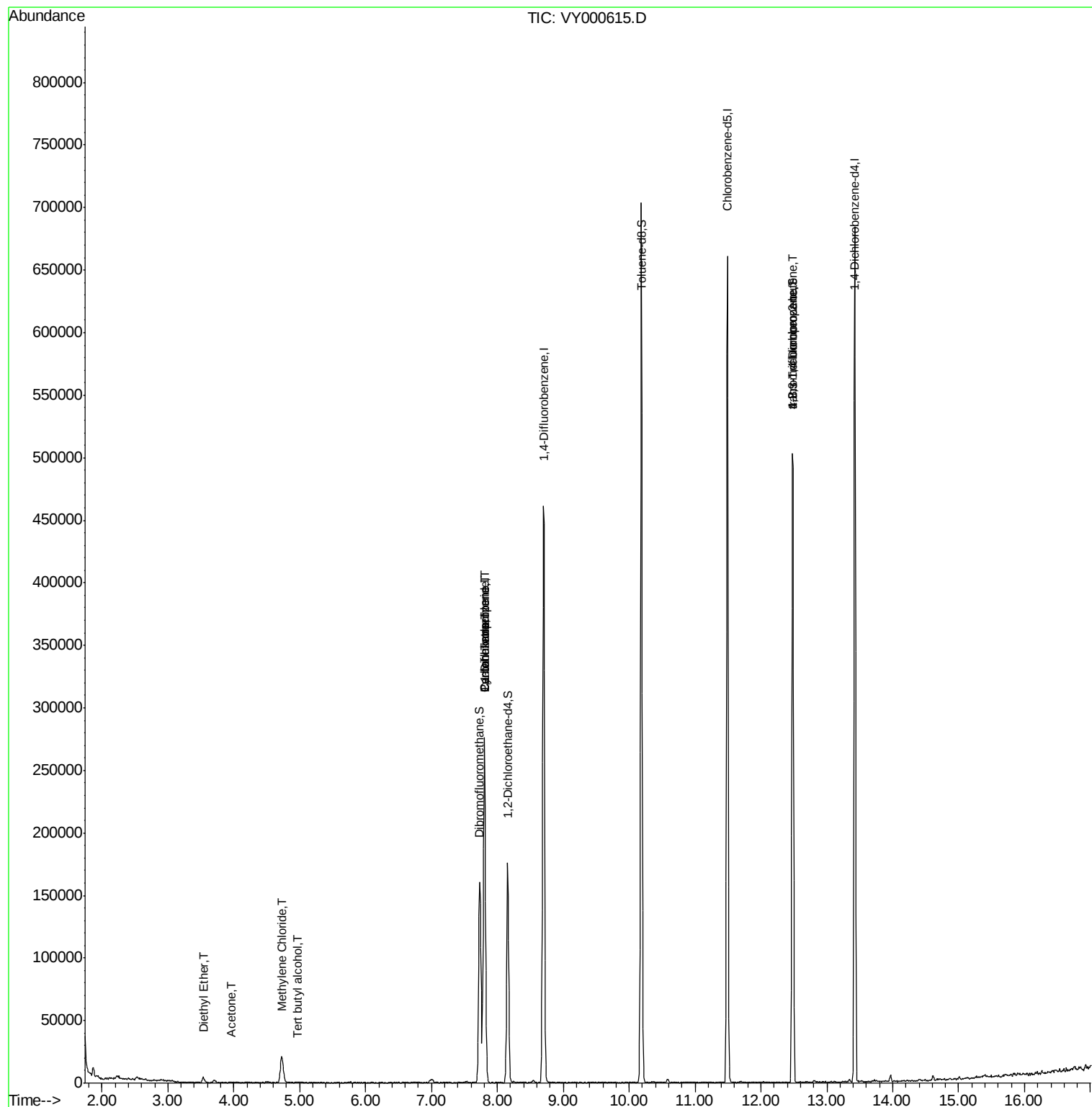
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.54	74	2174	1.708	ug/l	87
11) Tert butyl alcohol	4.96	59	679	3.201	ug/l #	72
16) Acetone	3.97	43	827	1.377	ug/l #	81
20) Methylene Chloride	4.73	84	15538	6.037	ug/l	94
31) Cyclohexane	7.80	56	5100	1.209	ug/l #	45
36) 1,1-Dichloropropene	7.80	75	17136	4.698	ug/l #	50
38) Carbon Tetrachloride	7.80	117	21720	6.189	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	84839	47.565	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	84839	106.647	ug/l #	13

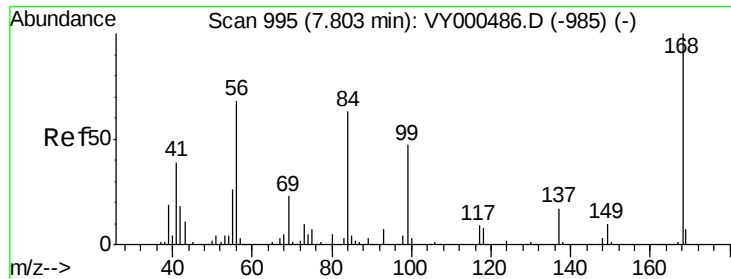
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
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Quant Time: Nov 11 04:44:20 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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: 7.81 min Scan# 996

Delta R.T. 0.01 min

Lab File: VY000615.D

Acq: 08 Nov 2019 14:27

Instrument :

MSVOA_Y

ClientSampleId :

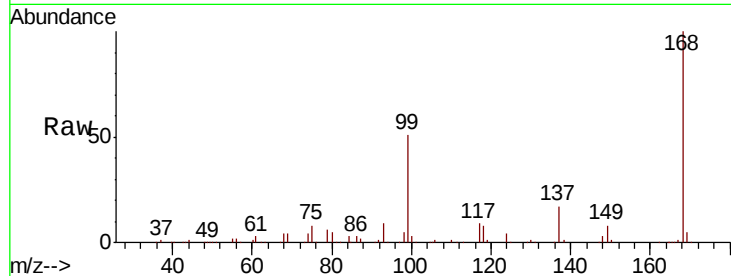
2-A

Tot Ion:168 Resp: 210597

Ion Ratio Lower Upper

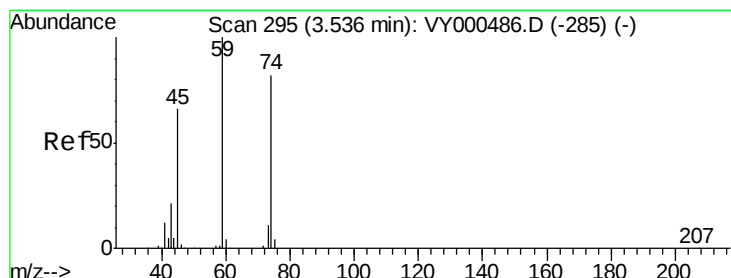
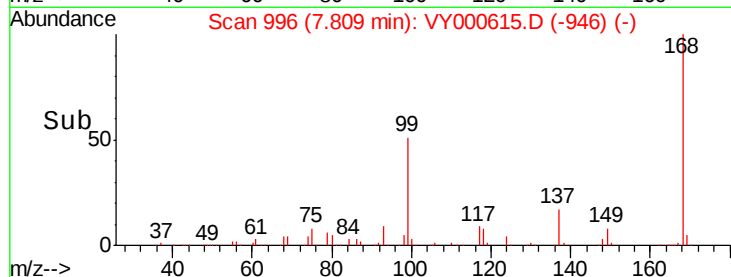
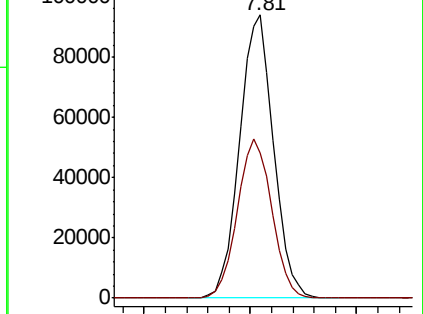
168 100

99 51.3 45.7 68.5



Abundance Ion 167.90 (167.60 to 168.60): VY000486.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY000486.D (-985) (-)



#8

Diethyl Ether

Concen: 1.708 ug/l

RT: 3.54 min Scan# 295

Delta R.T. -0.00 min

Lab File: VY000615.D

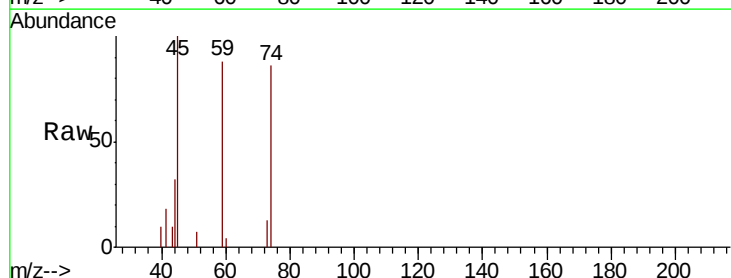
Acq: 08 Nov 2019 14:27

Tgt Ion: 74 Resp: 2174

Ion Ratio Lower Upper

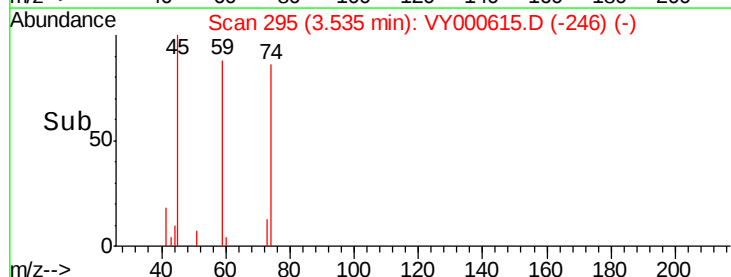
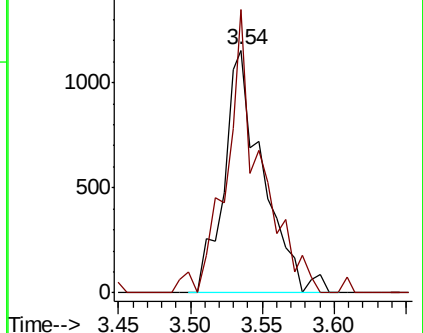
74 100

45 102.8 45.5 136.4



Abundance Ion 74.00 (73.70 to 74.70): VY000486.D (-285) (-)

Ion 45.00 (44.70 to 45.70): VY000486.D (-285) (-)



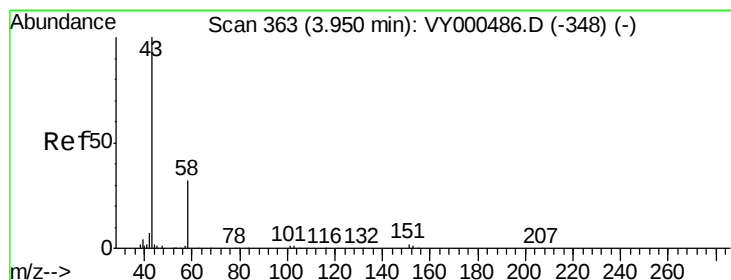
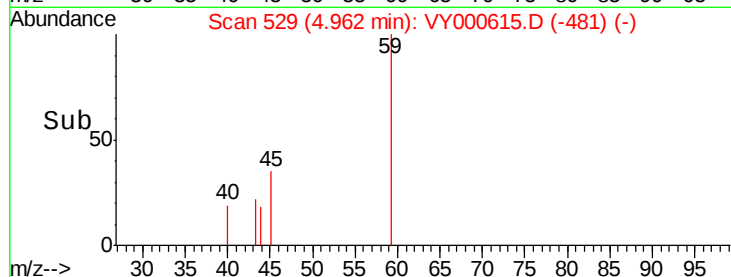
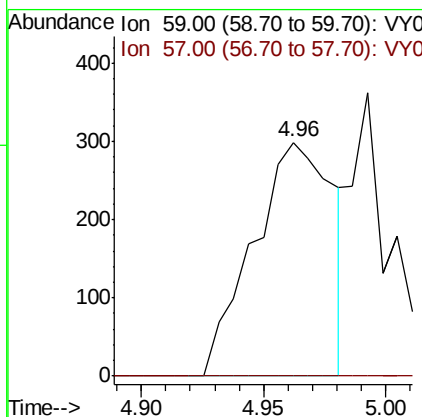
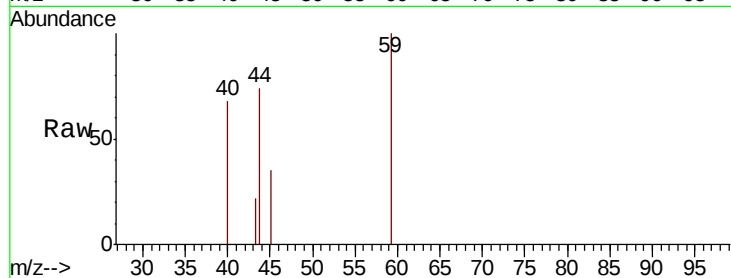


#11

Tert butyl alcohol
 Concen: 3.201 ug/l
 RT: 4.96 min Scan# 529
 Delta R.T. -0.01 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

Instrument :
 MSVOA_Y
 ClientSampled :
 2-A

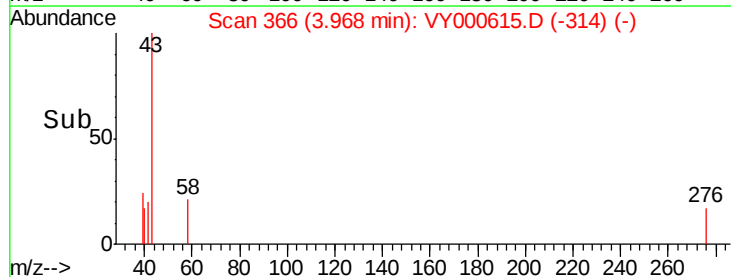
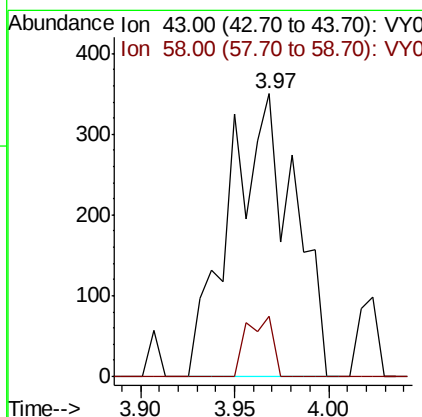
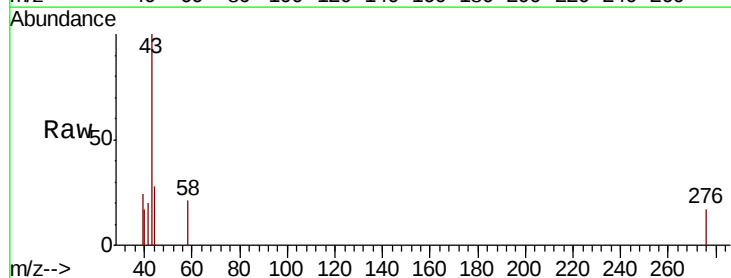
Tot Ion: 59 Resp: 679
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

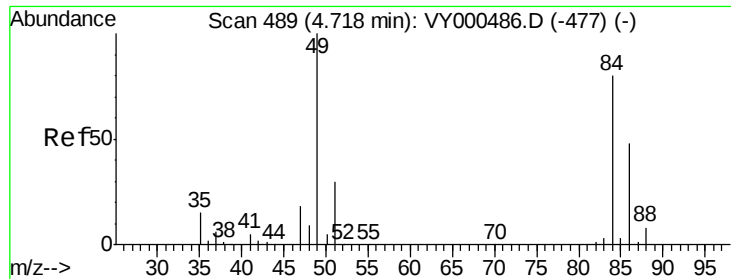


#16

Acetone
 Concen: 1.377 ug/l
 RT: 3.97 min Scan# 366
 Delta R.T. 0.02 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

Tgt Ion: 43 Resp: 827
 Ion Ratio Lower Upper
 43 100
 58 21.4 25.8 38.6#

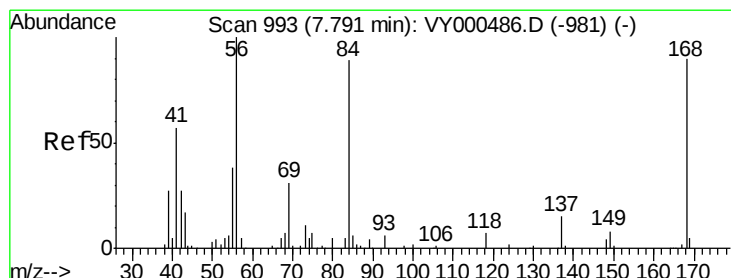
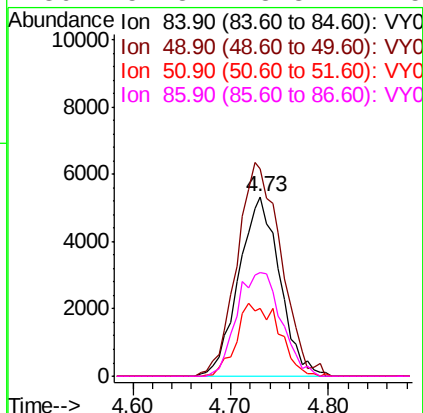
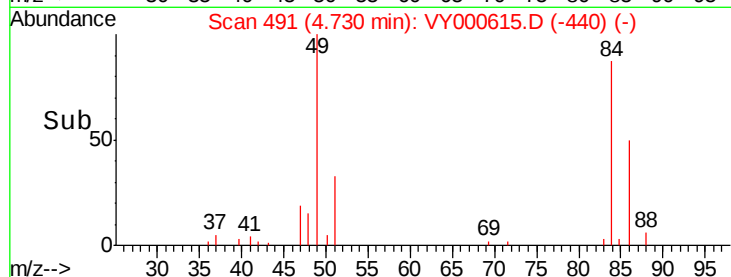
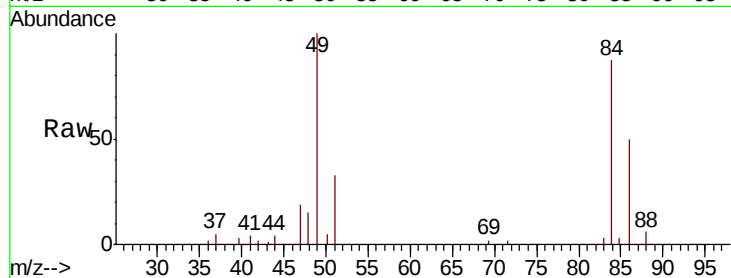




#20
Methvlene Chloride
Concen: 6.037 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

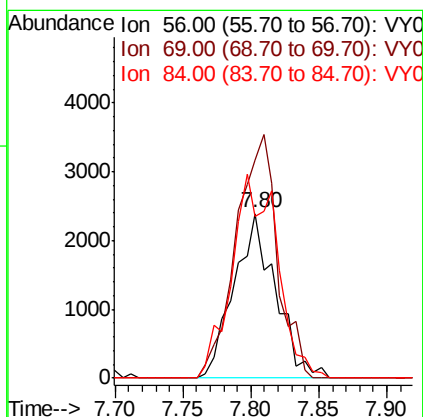
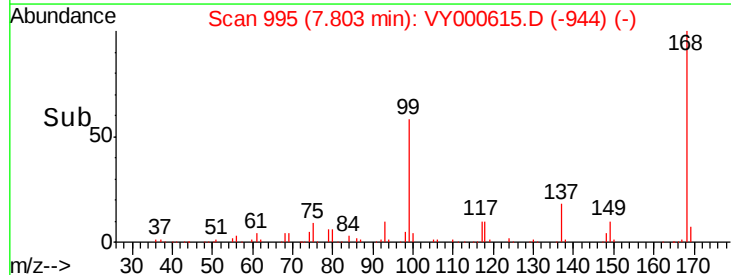
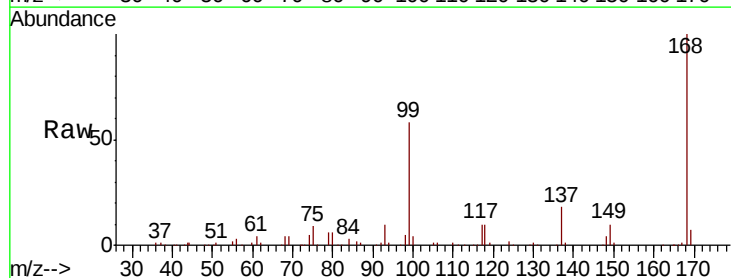
Instrument :
MSVOA_Y
ClientSampleId :
2-A

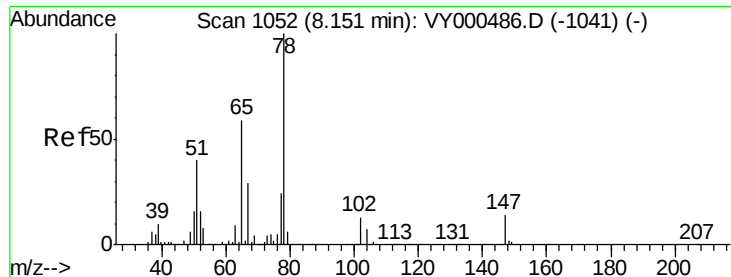
Tot Ion:	84	Resp:	15538
Ion	Ratio	Lower	Upper
84	100		
49	115.3	100.2	150.4
51	37.7	29.6	44.4
86	57.8	48.3	72.5



#31
Cyclohexane
Concen: 1.209 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.01 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Tgt Ion:	56	Resp:	5100
Ion	Ratio	Lower	Upper
56	100		
69	132.5	25.0	37.6#
84	98.5	71.4	107.2

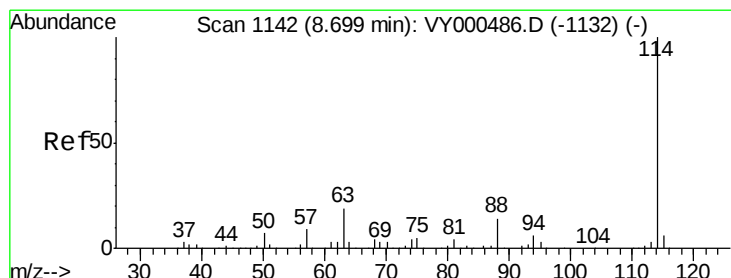
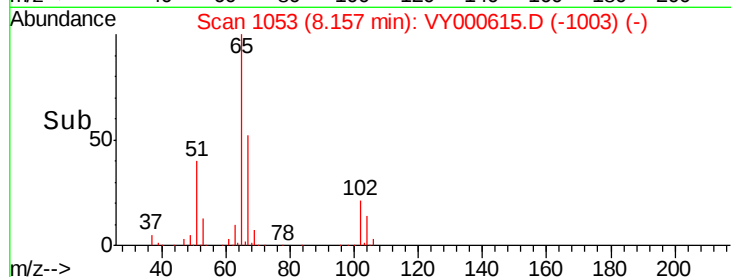
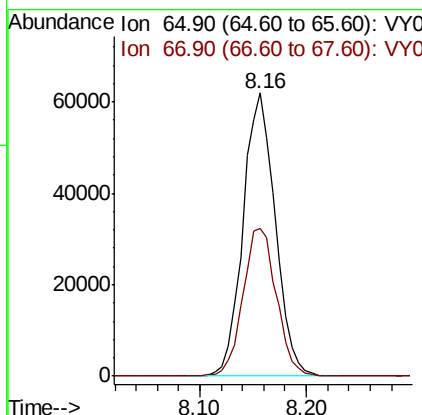
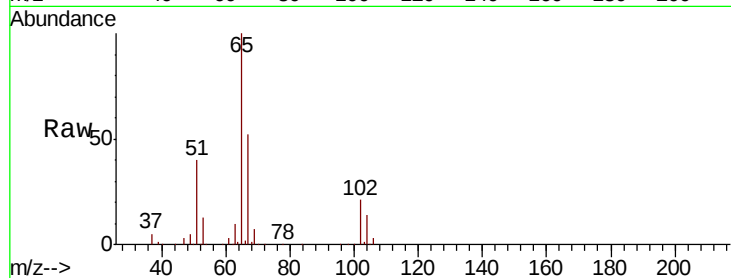




#33
 1,2-Dichloroethane-d4
 Concen: 60.429 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. 0.01 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

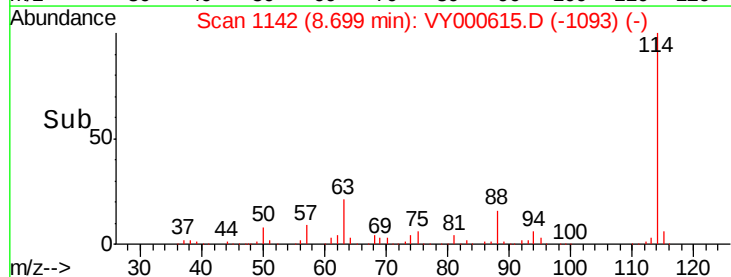
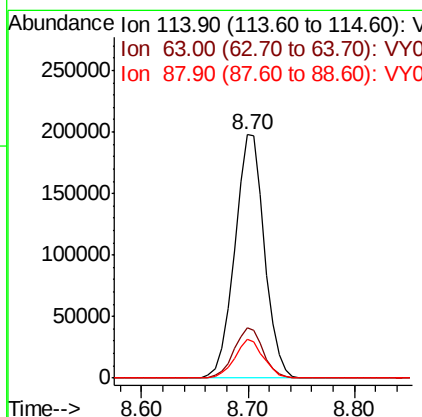
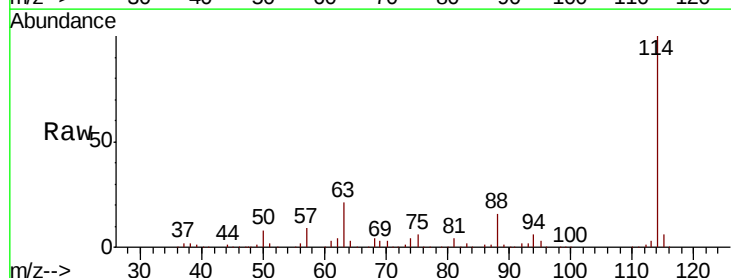
Instrument :
 MSVOA_Y
 ClientSampleId :
 2-A

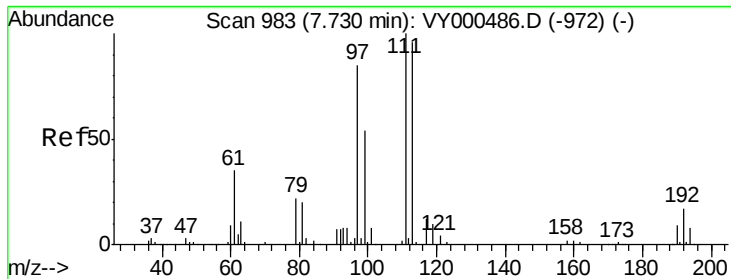
Tot Ion: 65 Resp: 131700
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

Tgt Ion: 114 Resp: 385825
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 38.0
 88 16.0 0.0 28.6

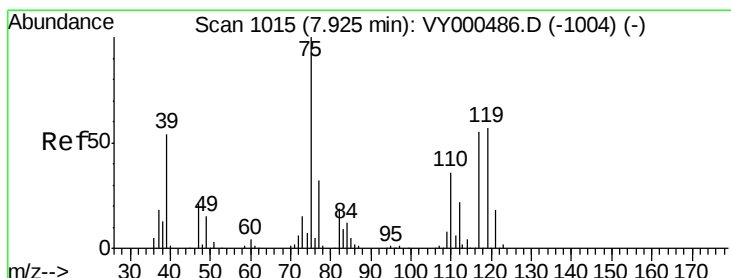
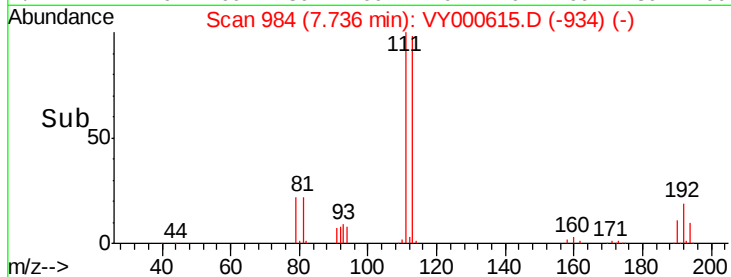
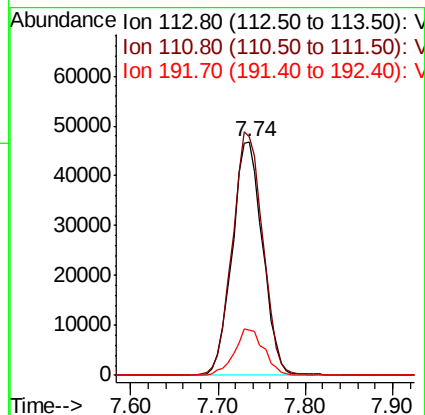
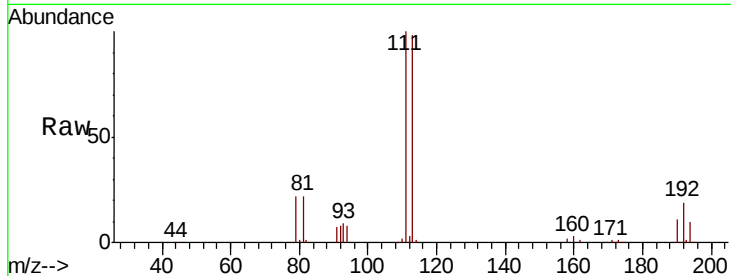




#35
 Dibromofluoromethane
 Concen: 49.962 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.01 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

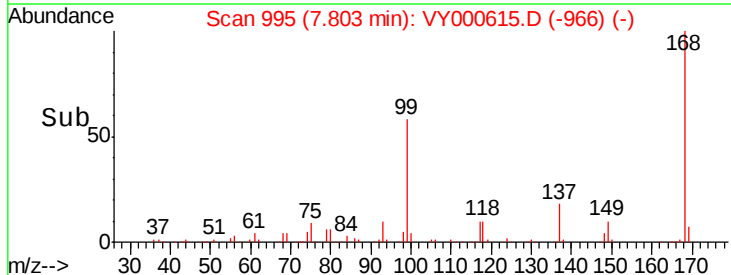
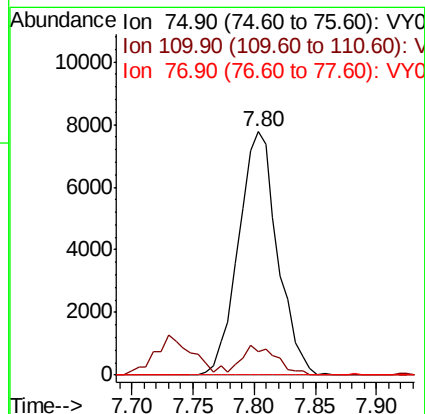
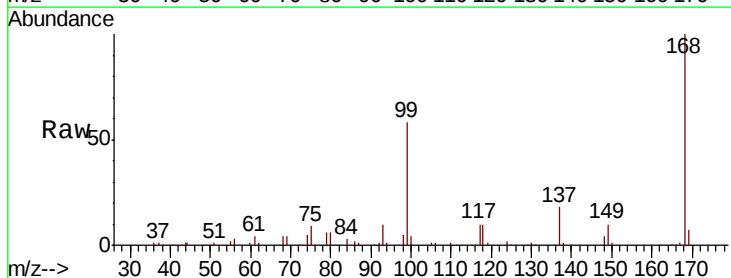
Instrument :
 MSVOA_Y
 ClientSampleId :
 2-A

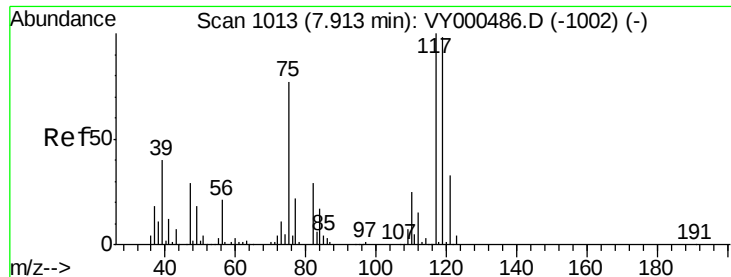
Tot Ion:113 Resp: 113167
 Ion Ratio Lower Upper
 113 100
 111 104.2 81.7 122.5
 192 19.1 15.0 22.4



#36
 1,1-Dichloropropene
 Concen: 4.698 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.12 min
 Lab File: VY000615.D
 Acq: 08 Nov 2019 14:27

Tgt Ion: 75 Resp: 17136
 Ion Ratio Lower Upper
 75 100
 110 10.6 18.1 54.1#
 77 0.0 25.0 37.6#

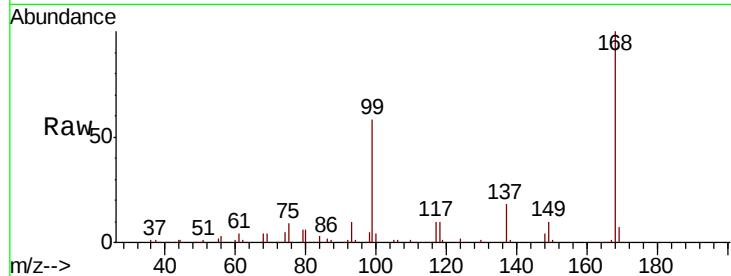




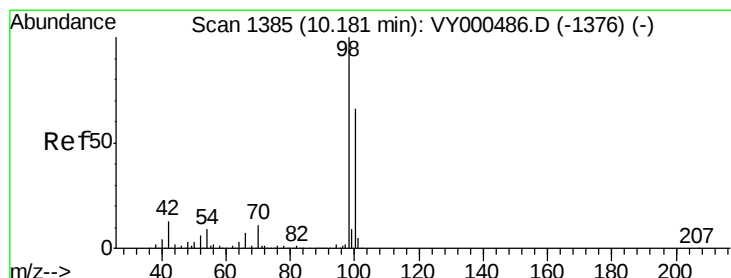
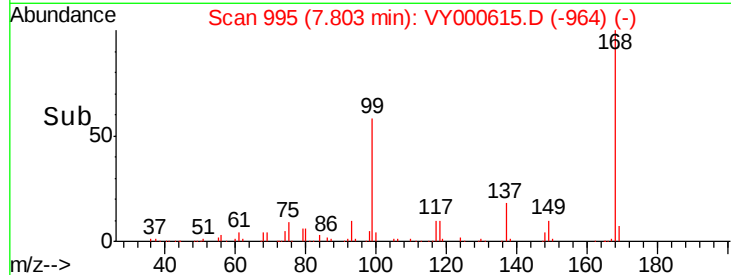
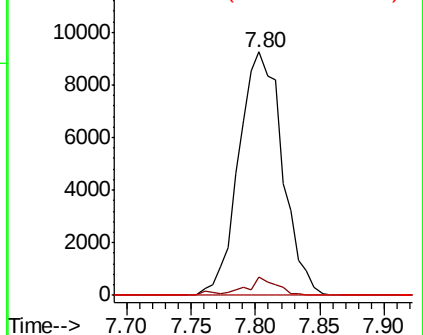
#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.11 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Instrument :
MSVOA_Y
ClientSampleId :
2-A

Tot Ion:117 Resp: 21720
Ion Ratio Lower Upper
117 100
119 7.5 78.0 117.0#
121 0.0 26.6 40.0#

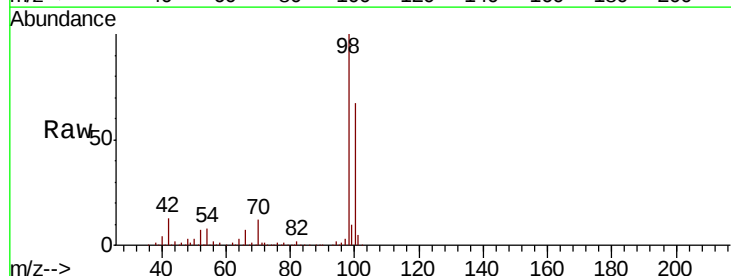


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

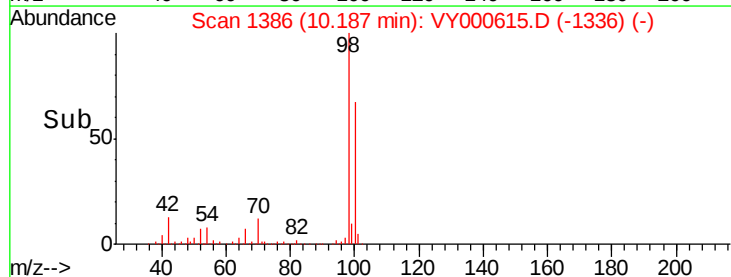
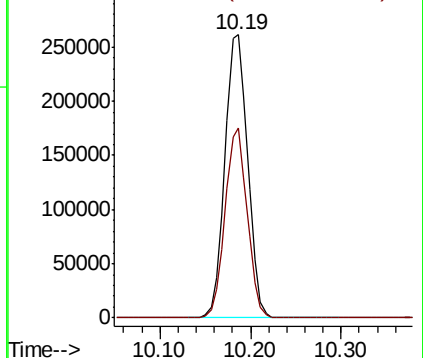


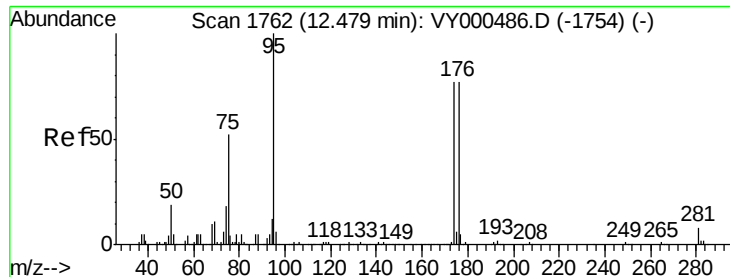
#50
Toluene-d8
Concen: 53.030 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. 0.01 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Tgt Ion: 98 Resp: 455770
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



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

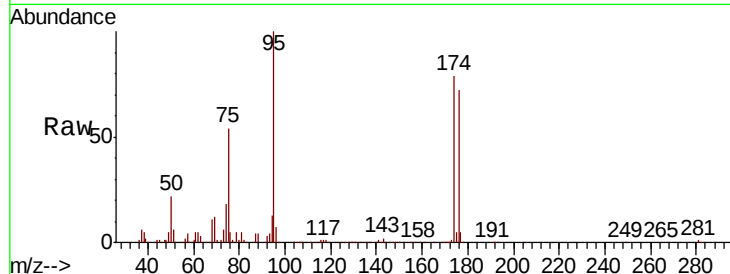




#62
4-Bromofluorobenzene
Concen: 47.339 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Instrument :
MSVOA_Y
ClientSampled :
2-A

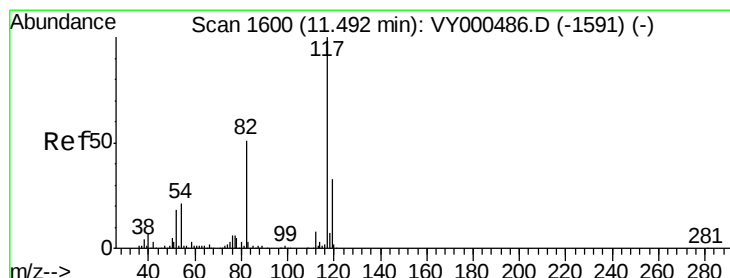
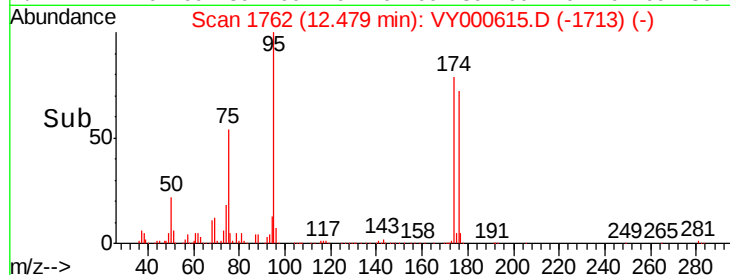
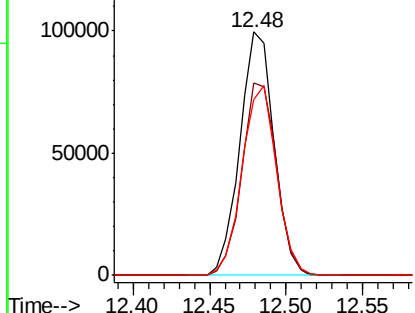
Tot Ion	95	Resp	154890
Ion Ratio	Lower	Upper	
95	100		
174	80.1	0.0	161.6
176	78.4	0.0	157.8



Abundance Ion 94.90 (94.60 to 95.60): VY000615.D (-1754) (-)

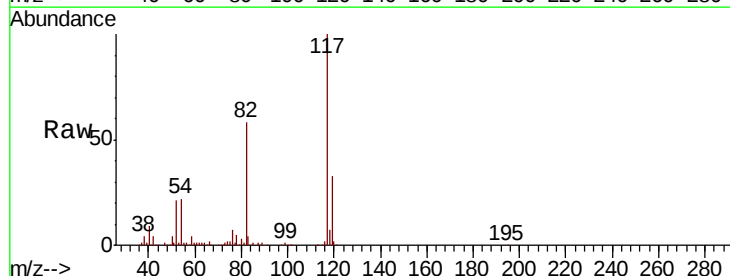
Ion 173.80 (173.50 to 174.50): VY000615.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY000615.D (-1754) (-)



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

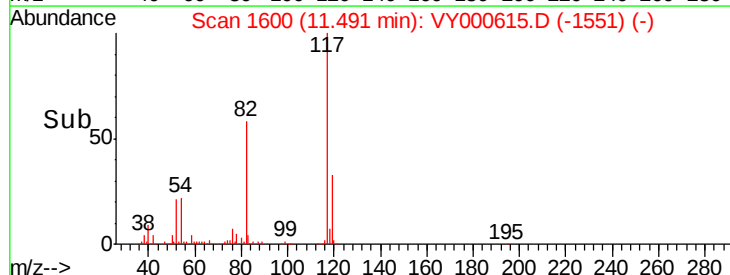
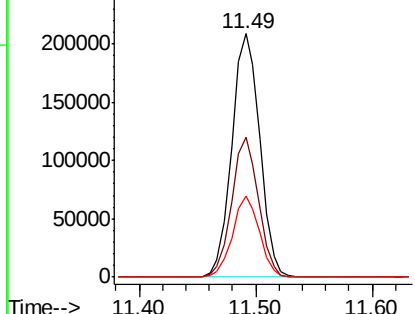
Tgt Ion	117	Resp	347911
Ion Ratio	Lower	Upper	
117	100		
82	57.7	40.8	61.2
119	33.4	26.2	39.2

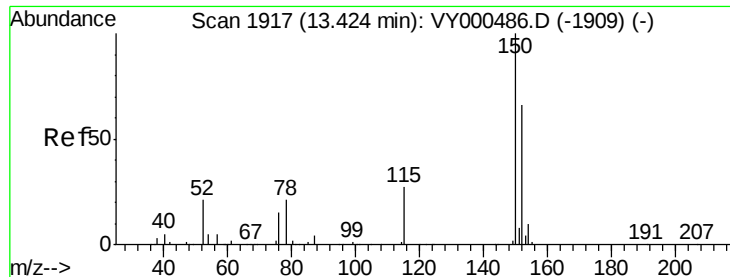


Abundance Ion 116.90 (116.60 to 117.60): VY000615.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY000615.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY000615.D (-1591) (-)



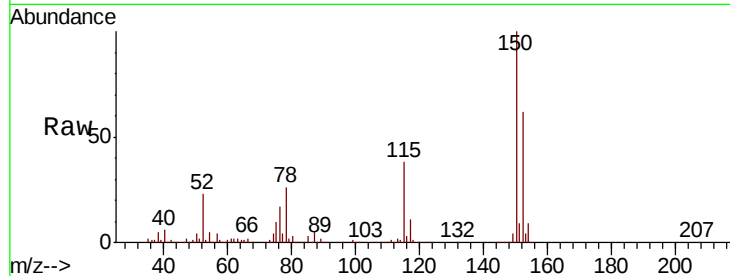


#72

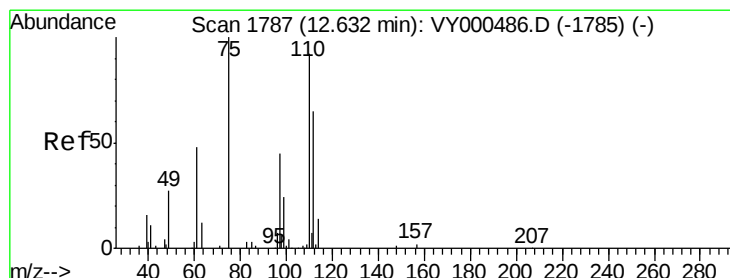
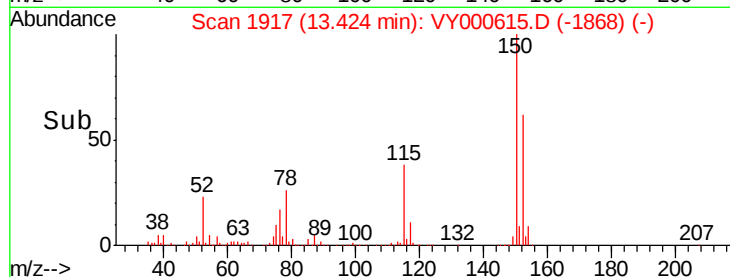
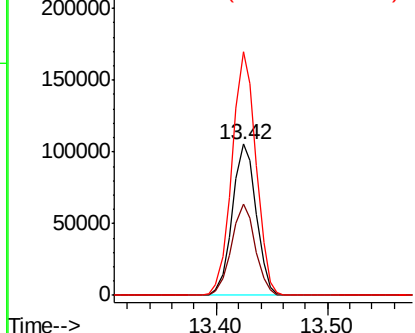
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Instrument :
MSVOA_Y
ClientSampled :
2-A

Tot Ion:152 Resp: 156647
Ion Ratio Lower Upper
152 100
115 60.1 29.1 87.4
150 161.4 0.0 348.8



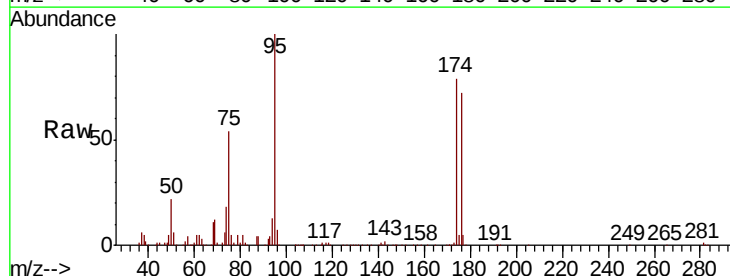
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



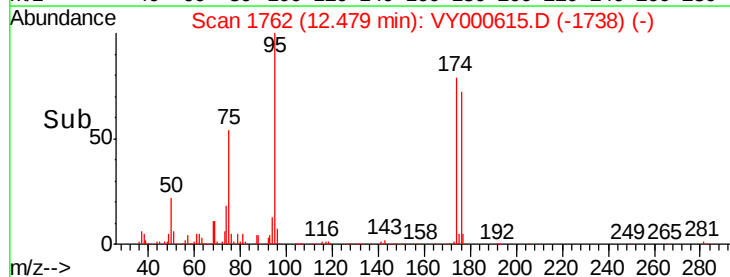
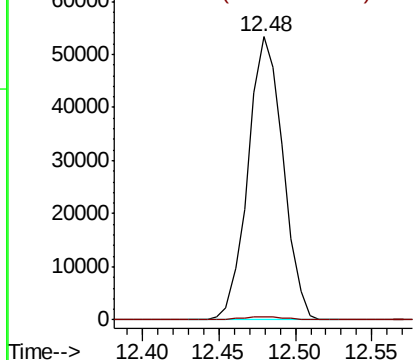
#76

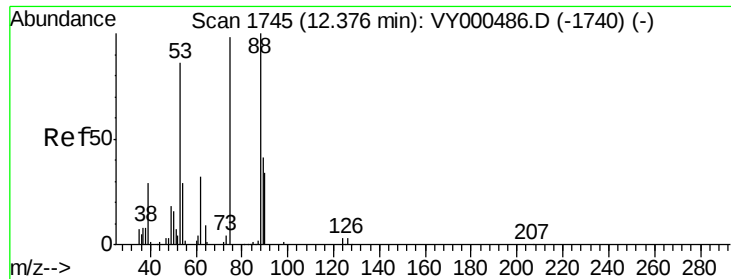
1,2,3-Trichloropropane
Concen: 47.565 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000615.D
Acq: 08 Nov 2019 14:27

Tgt Ion: 75 Resp: 84839
Ion Ratio Lower Upper
75 100
77 1.4 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: 106.647 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000615.D

Acq: 08 Nov 2019 14:27

Instrument :

MSVOA_Y

ClientSampleId :

2-A

Tot Ion: 75 Resp: 84839

Ion Ratio Lower Upper

75 100

53 0.1 73.2 109.8#

89 0.0 35.9 53.9#

