

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
 Data File : VY000549.D
 Acq On : 06 Nov 2019 14:25
 Operator : SY/MD
 Sample : K5713-02
 Misc : 5.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 07 04:56:35 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

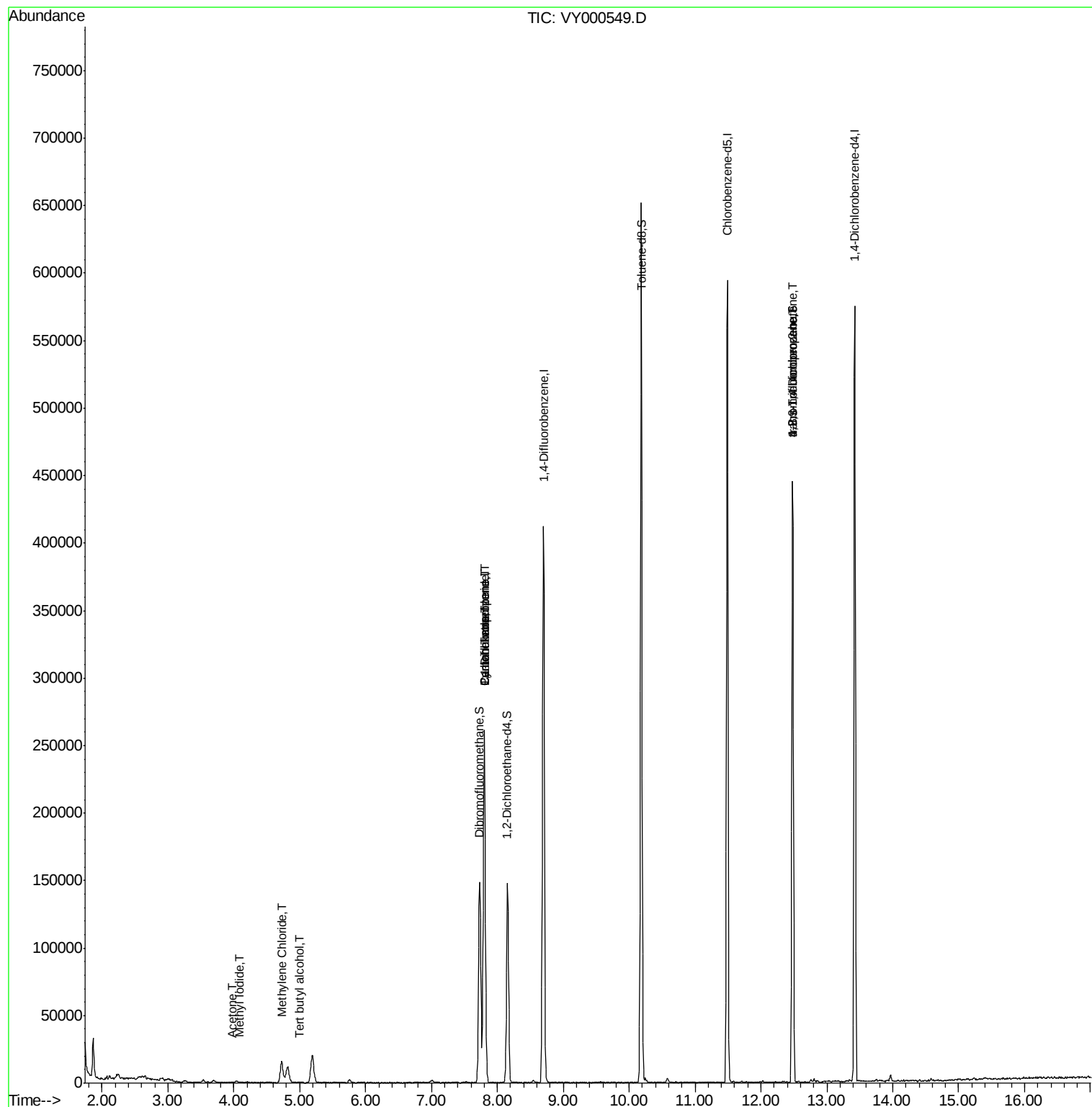
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	200741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	351279	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	311467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137436	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	115622	55.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.32%	
35) Dibromofluoromethane	7.73	113	104026	50.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.88%	
50) Toluene-d8	10.18	98	411760	52.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.24%	
62) 4-Bromofluorobenzene	12.48	95	133817	44.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.84%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.10	142	754	3.459	ug/l #	84
11) Tert butyl alcohol	5.00	59	310	1.533	ug/l #	72
16) Acetone	3.96	43	776	1.355	ug/l #	42
20) Methylene Chloride	4.73	84	11257	4.588	ug/l	89
31) Cyclohexane	7.81	56	4302	1.070	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	16256	4.895	ug/l #	49
38) Carbon Tetrachloride	7.80	117	18413	5.762	ug/l #	17
76) 1,2,3-Trichloropropane	12.48	75	74210	47.422	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.48	75	74210	106.326	ug/l #	13

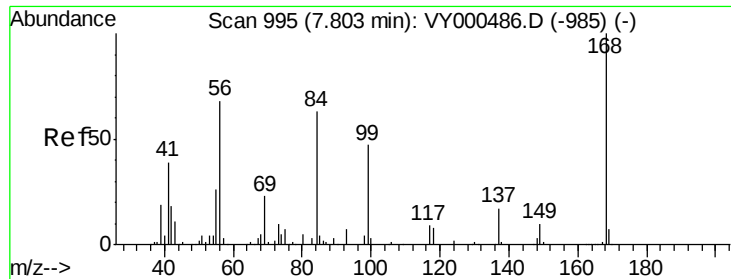
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY110619\
Data File : VY000549.D
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ALS Vial : 11 Sample Multiplier: 1

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Quant Time: Nov 07 04:56:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
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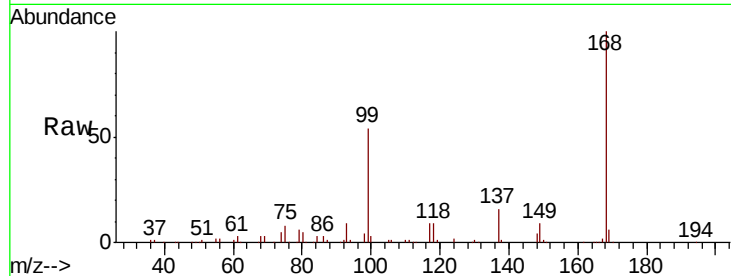


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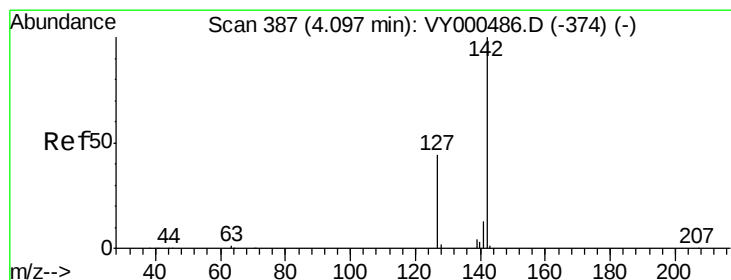
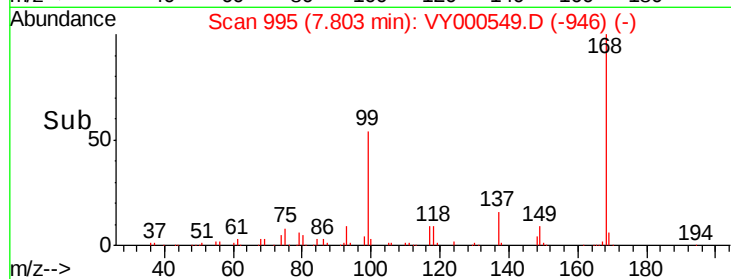
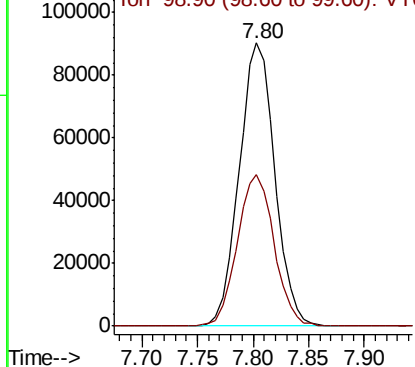
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion:168 Resp: 200741
 Ion Ratio Lower Upper
 168 100
 99 53.7 45.7 68.5



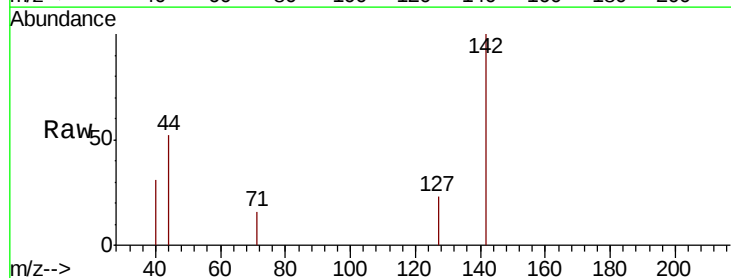
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VY0



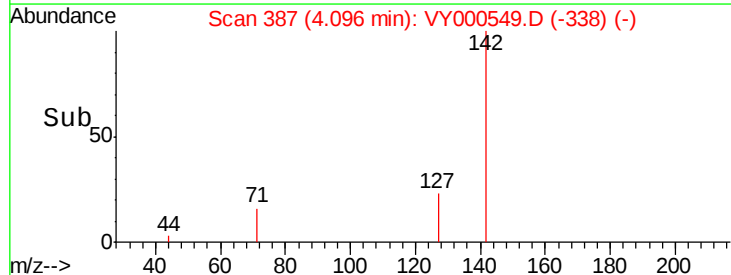
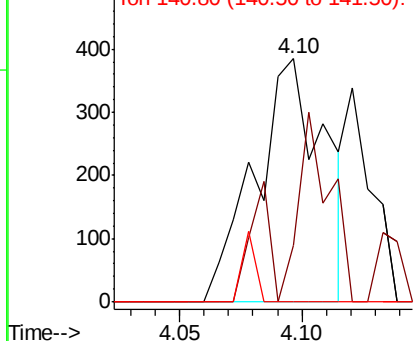
#10

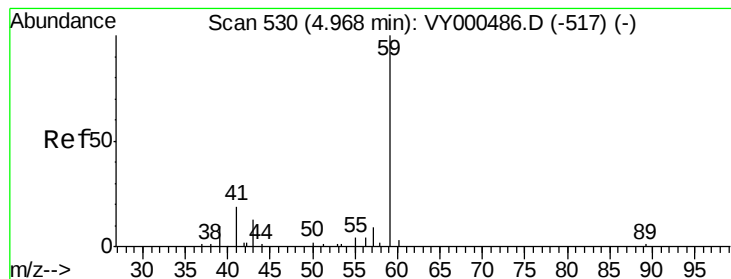
Methyl Iodide
 Concen: 3.459 ug/l
 RT: 4.10 min Scan# 387
 Delta R.T. 0.00 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

Tgt Ion:142 Resp: 754
 Ion Ratio Lower Upper
 142 100
 127 35.9 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



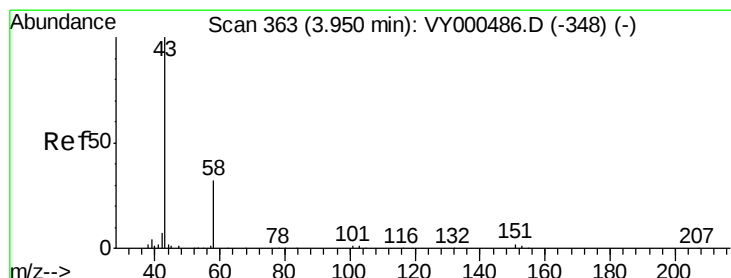
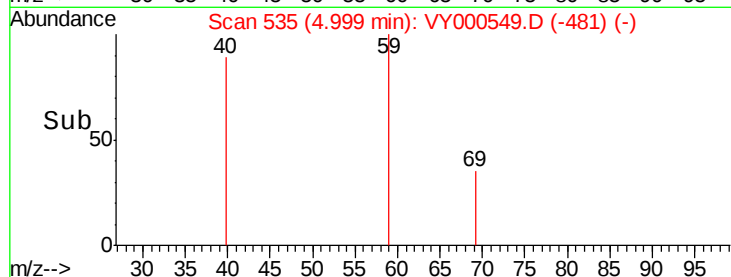
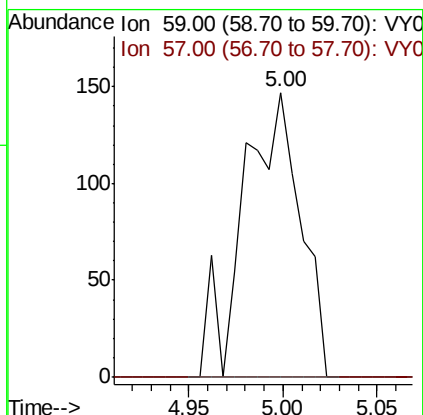
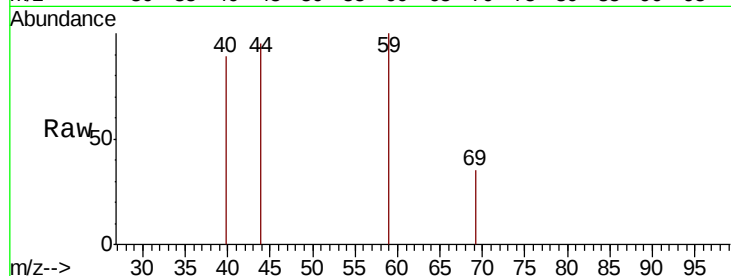


#11

Tert butyl alcohol
 Concen: 1.533 ug/l
 RT: 5.00 min Scan# 535
 Delta R.T. 0.03 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

Instrument :
 MSVOA_Y
 ClientSampled :

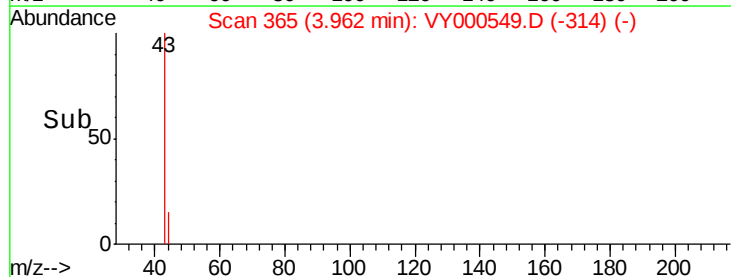
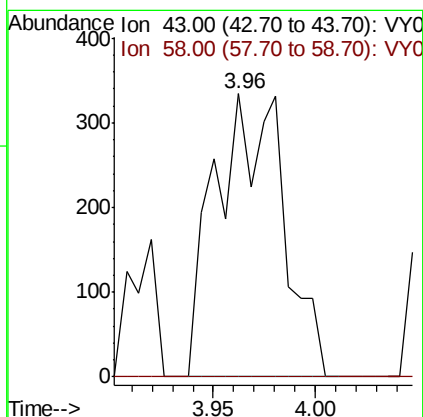
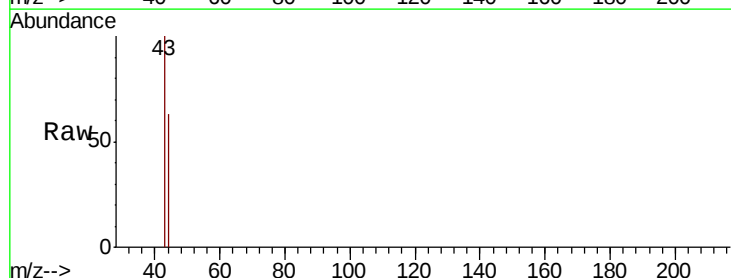
Tot Ion: 59 Resp: 310
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.6 12.8#

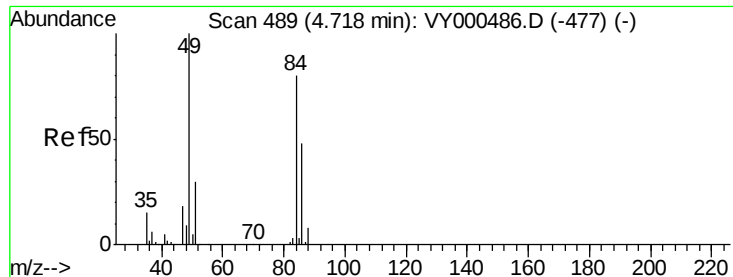


#16

Acetone
 Concen: 1.355 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

Tgt Ion: 43 Resp: 776
 Ion Ratio Lower Upper
 43 100
 58 0.0 25.8 38.6#

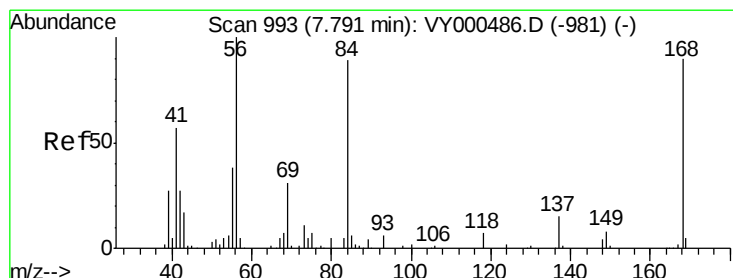
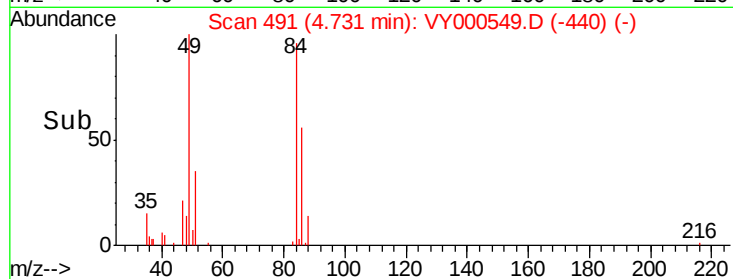
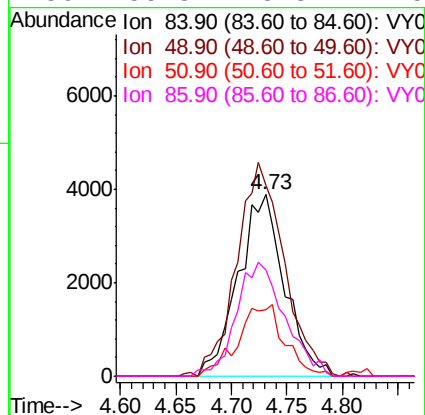
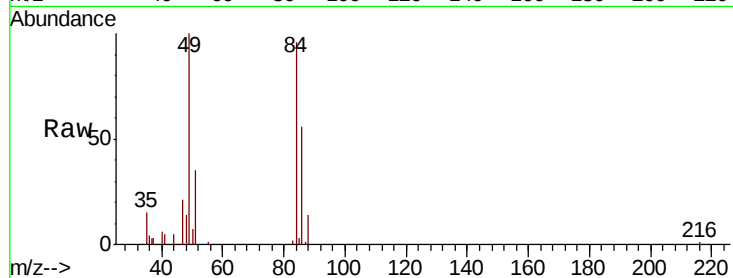




#20
Methvlene Chloride
Concen: 4.588 ug/l
RT: 4.73 min Scan# 491
Delta R.T. 0.01 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

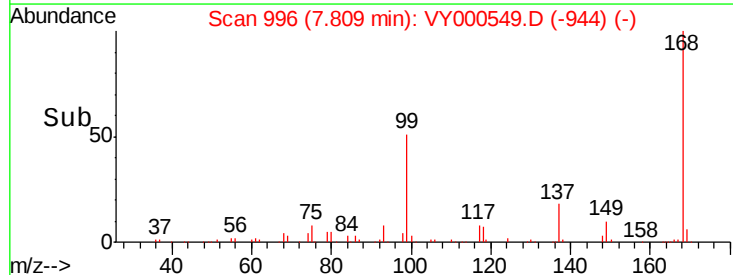
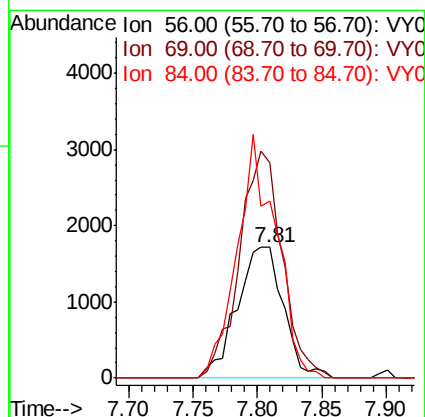
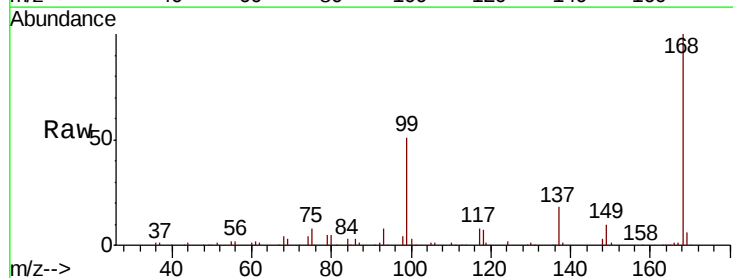
Instrument :
MSVOA_Y
ClientSampleId :

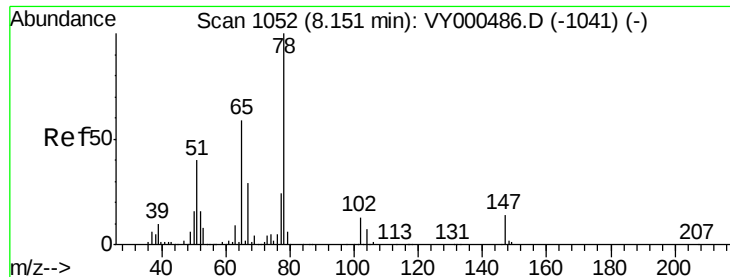
Tot Ion:	84	Resp:	11257
Ion	Ratio	Lower	Upper
84	100		
49	104.7	100.2	150.4
51	36.3	29.6	44.4
86	58.8	48.3	72.5



#31
Cyclohexane
Concen: 1.070 ug/l
RT: 7.81 min Scan# 996
Delta R.T. 0.02 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Tgt Ion:	56	Resp:	4302
Ion	Ratio	Lower	Upper
56	100		
69	164.2	25.0	37.6#
84	153.1	71.4	107.2#

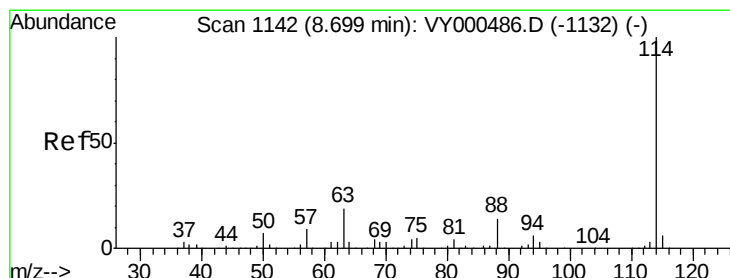
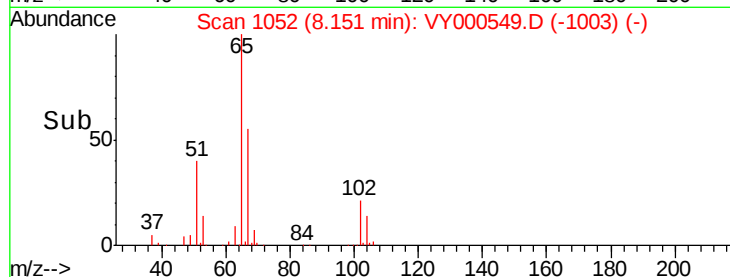
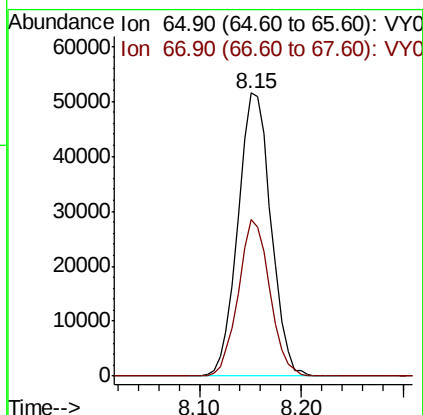
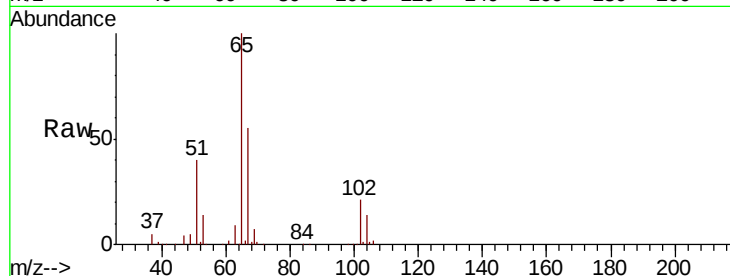




#33
 1,2-Dichloroethane-d4
 Concen: 55.657 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

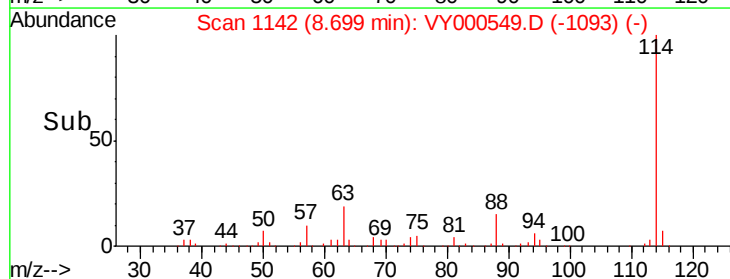
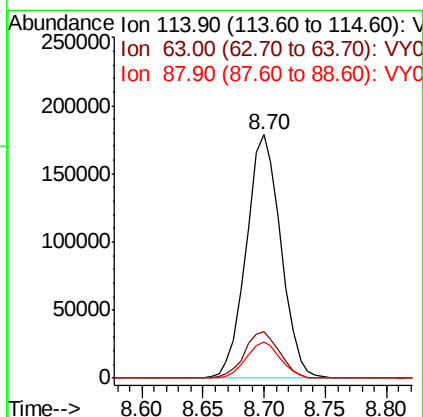
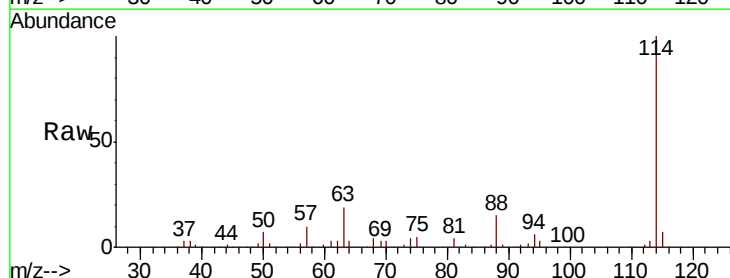
Instrument :
 MSVOA_Y
 ClientSampleId :

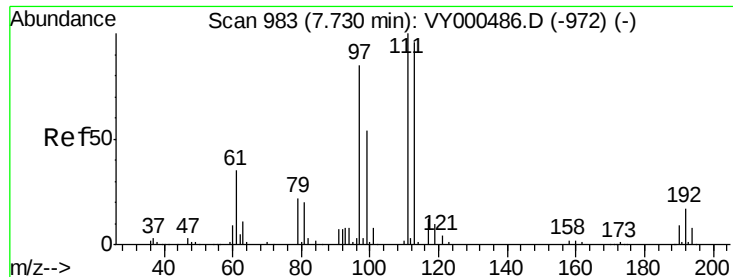
Tot Ion: 65 Resp: 115622
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY000549.D
 Acq: 06 Nov 2019 14:25

Tgt Ion: 114 Resp: 351279
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 38.0
 88 14.8 0.0 28.6

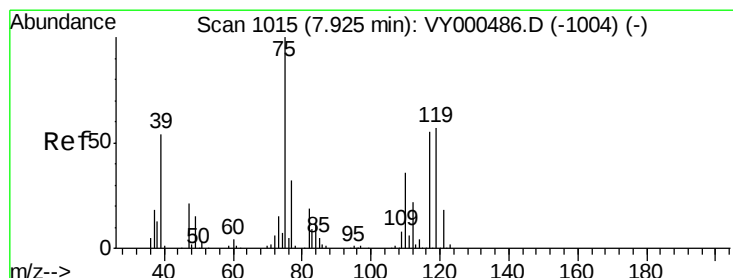
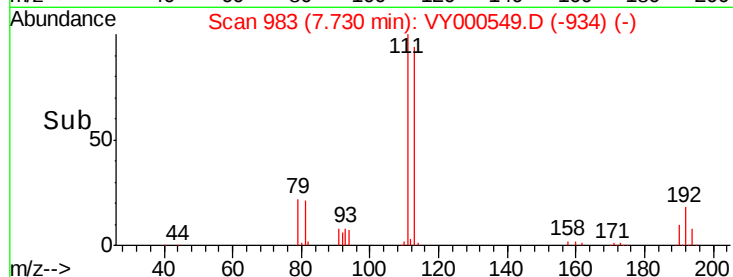
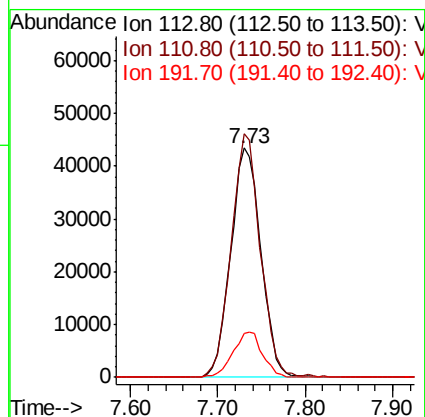
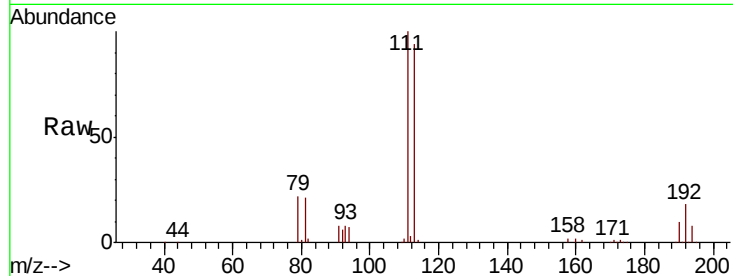




#35
Dibromofluoromethane
Concen: 50.443 ug/l
RT: 7.73 min Scan# 983
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

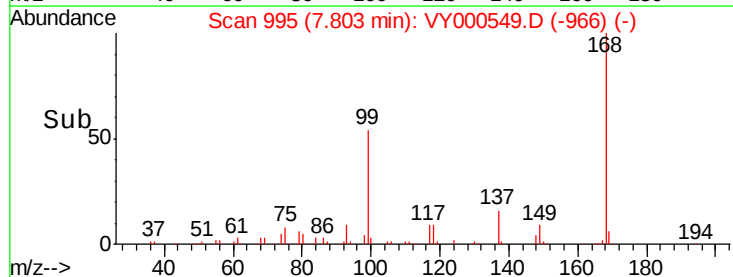
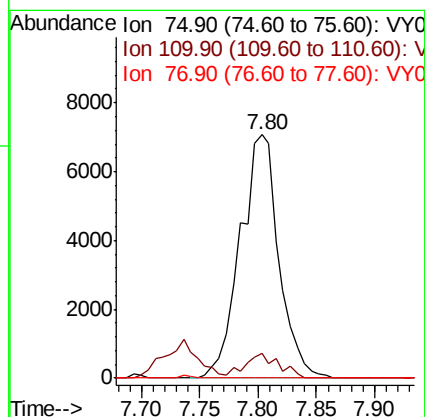
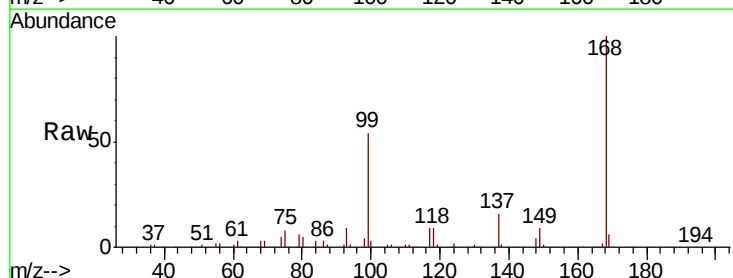
Instrument :
MSVOA_Y
ClientSampleId :

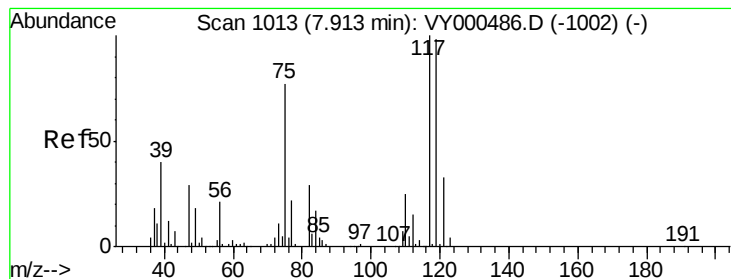
Tot Ion:113 Resp: 104026
Ion Ratio Lower Upper
113 100
111 102.9 81.7 122.5
192 19.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.895 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Tgt Ion: 75 Resp: 16256
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.1#
77 0.0 25.0 37.6#





#38

Carbon Tetrachloride

Concen: 5.762 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.11 min

Lab File: VY000549.D

Acq: 06 Nov 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

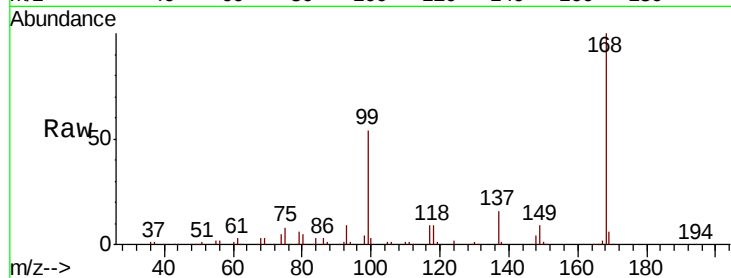
Tot Ion:117 Resp: 18413

Ion Ratio Lower Upper

117 100

119 7.4 78.0 117.0#

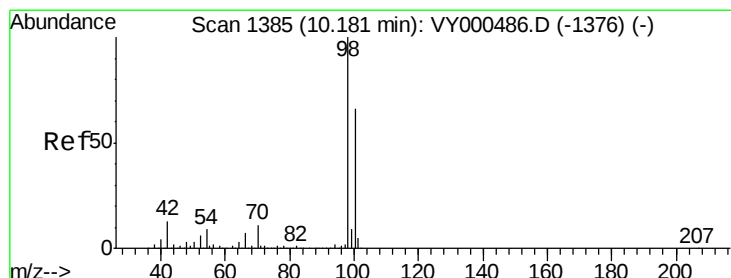
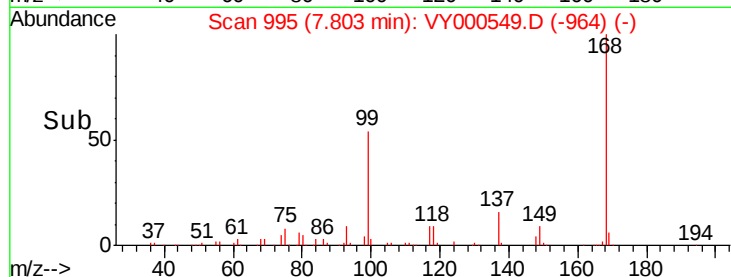
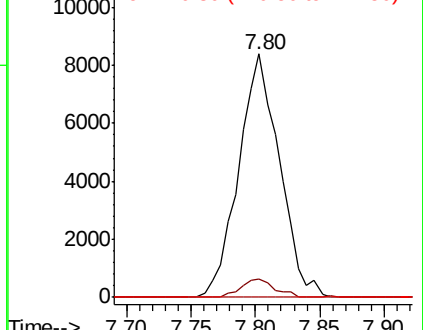
121 0.0 26.6 40.0#



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: 52.621 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY000549.D

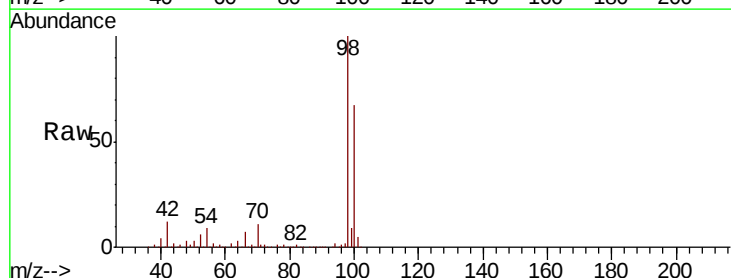
Acq: 06 Nov 2019 14:25

Tgt Ion: 98 Resp: 411760

Ion Ratio Lower Upper

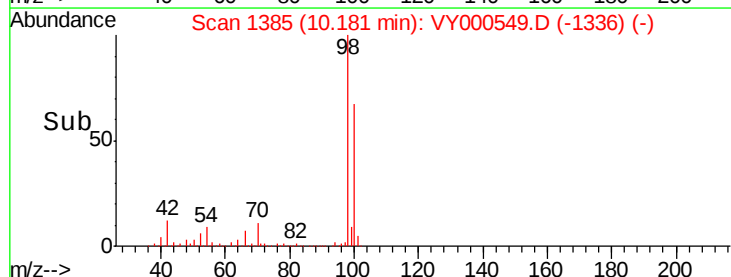
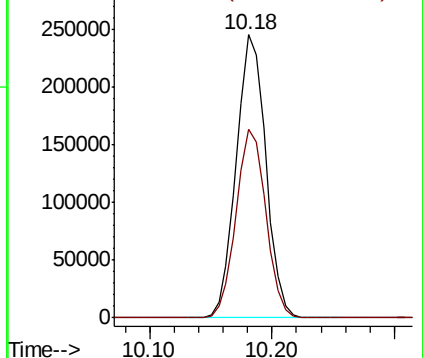
98 100

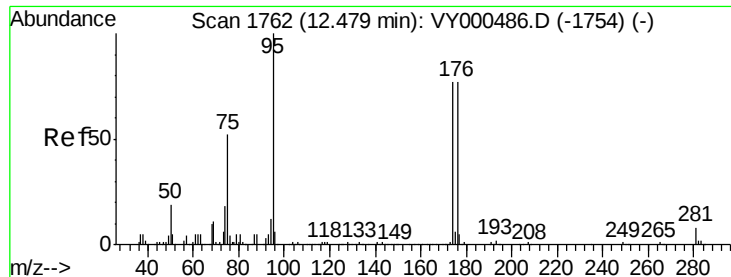
100 67.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

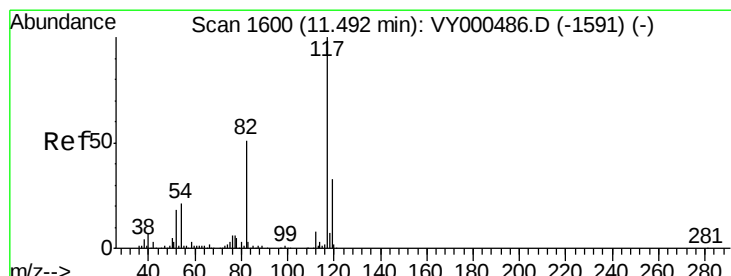
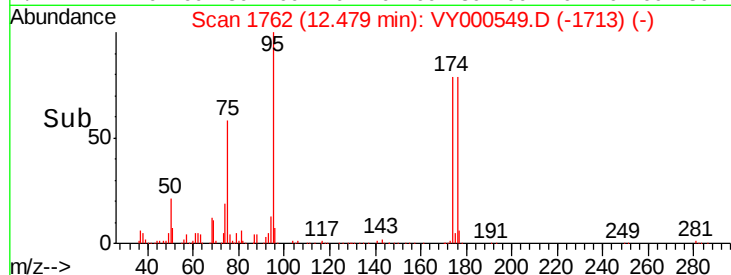
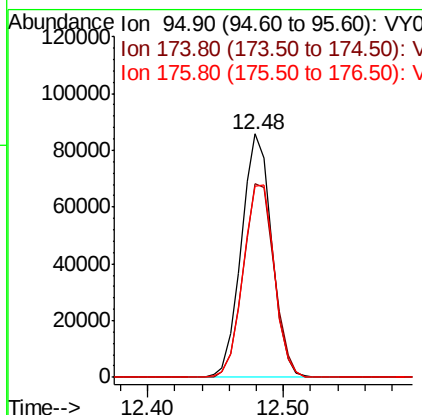
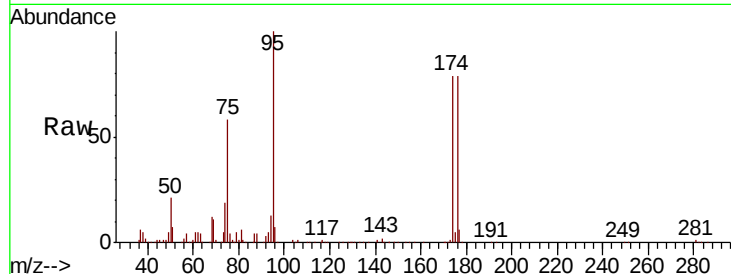




#62
4-Bromofluorobenzene
Concen: 44.921 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

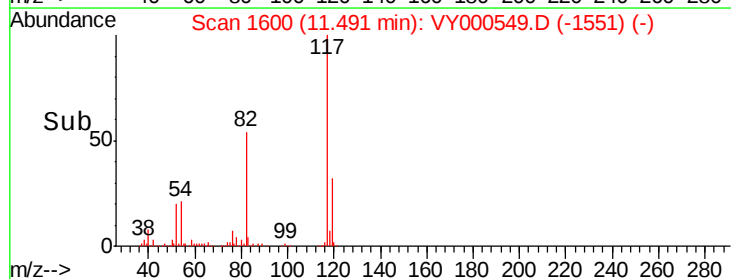
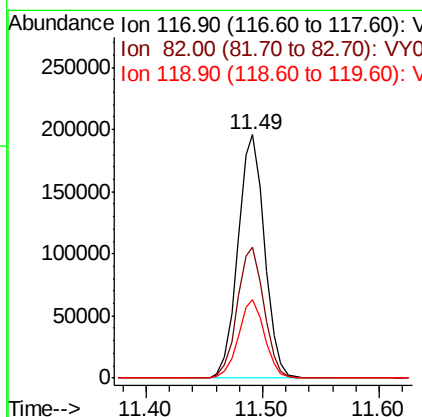
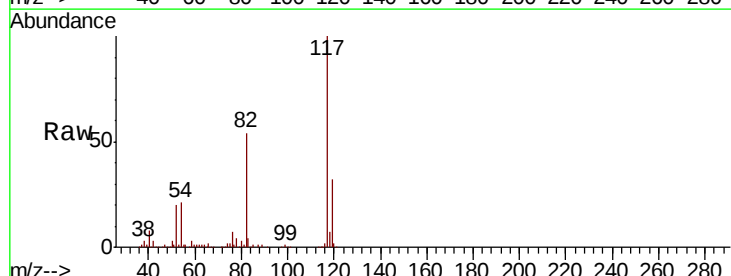
Instrument :
MSVOA_Y
ClientSampled :

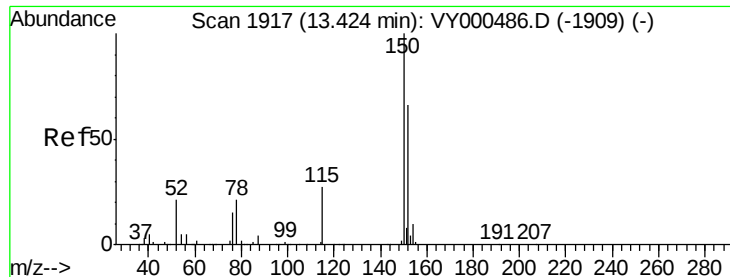
Tot Ion	95	Resp	133817
Ion Ratio	Lower	Upper	
95	100		
174	81.1	0.0	161.6
176	81.3	0.0	157.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Tgt Ion	117	Resp	311467
Ion Ratio	Lower	Upper	
117	100		
82	54.0	40.8	61.2
119	32.2	26.2	39.2



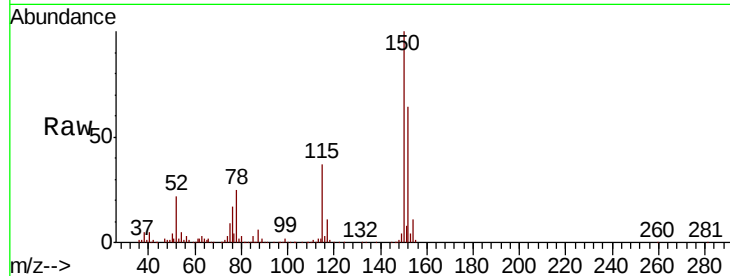


#72

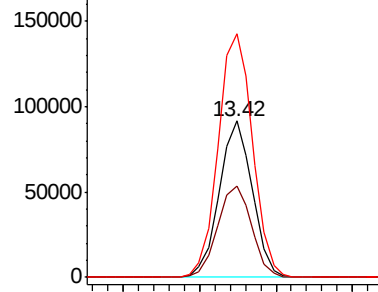
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.00 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

Instrument :
MSVOA_Y
ClientSampleId :

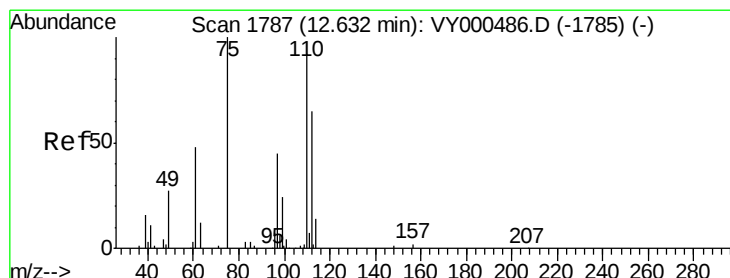
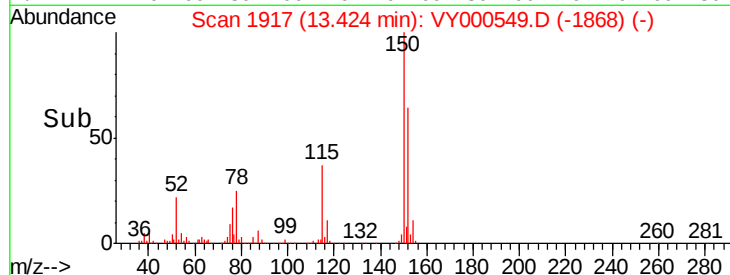
Tot Ion	Ratio	Lower	Upper
152	100		
115	59.9	29.1	87.4
150	161.5	0.0	348.8



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



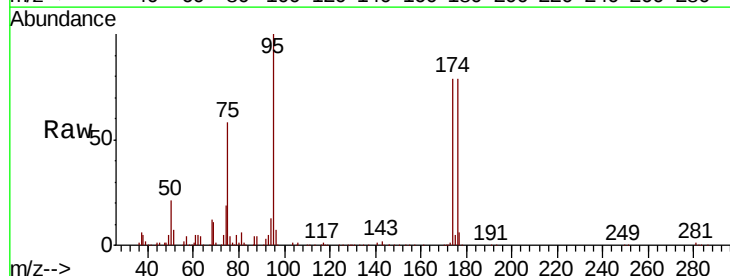
Time-->



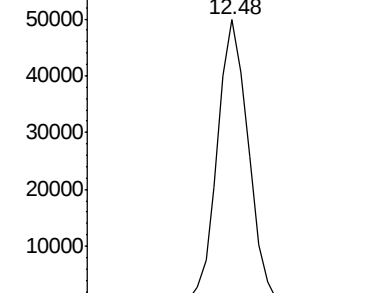
#76

1,2,3-Trichloropropane
Concen: 47.422 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.15 min
Lab File: VY000549.D
Acq: 06 Nov 2019 14:25

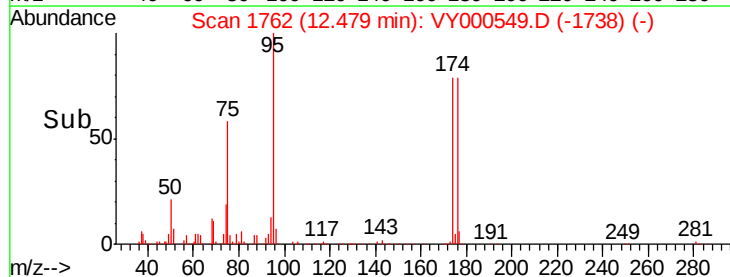
Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.6	0.0	0.0#

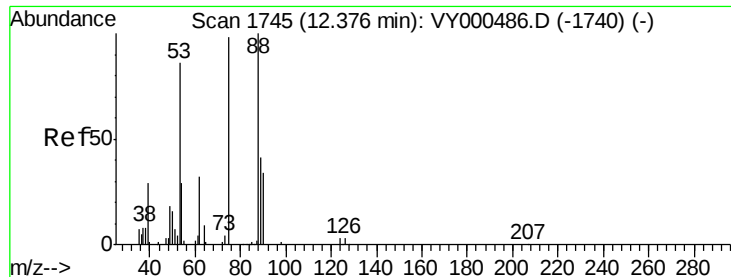


Abundance Ion 74.90 (74.60 to 75.60): VY0
Ion 77.00 (76.70 to 77.70): VY0



Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 106.326 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.10 min

Lab File: VY000549.D

Acq: 06 Nov 2019 14:25

Instrument :

MSVOA_Y

ClientSampleId :

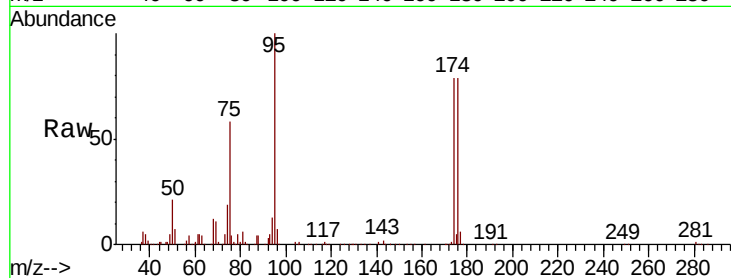
Tot Ion: 75 Resp: 74210

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

