

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050820\
 Data File : VY002634.D
 Acq On : 08 May 2020 11:50
 Operator : SY/MD
 Sample : VY0508SBL01
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 03:44:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	354801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	547989	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	486348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	233053	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	157816	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.74	113	165098	52.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.36%	
50) Toluene-d8	10.19	98	629767	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	12.49	95	203569	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	

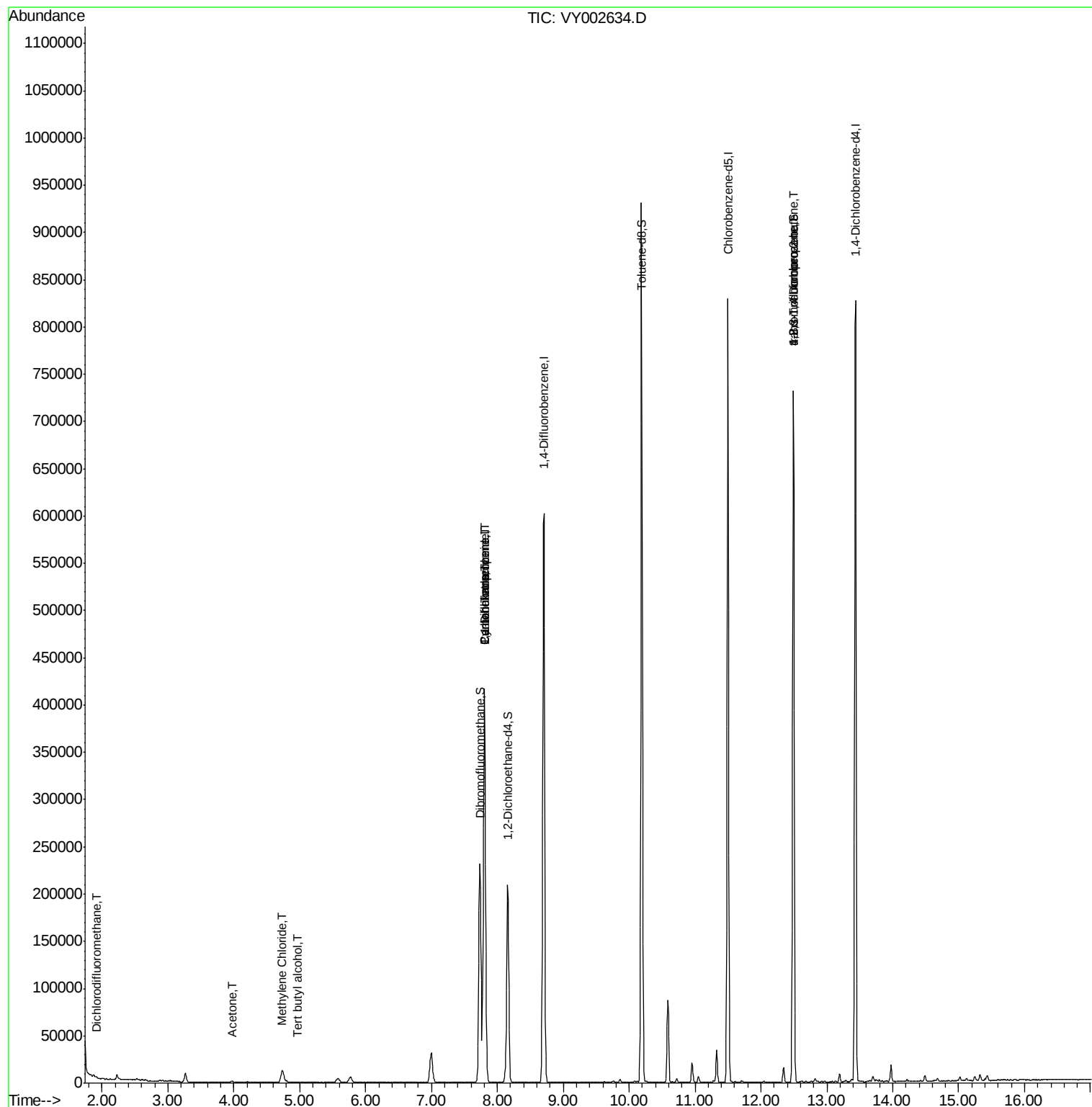
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	276	1.875	ug/l #	43
11) Tert butyl alcohol	4.97	59	1530	4.985	ug/l #	81
16) Acetone	3.97	43	2292	3.723	ug/l	93
20) Methylene Chloride	4.74	84	9775	2.839	ug/l	96
31) Cyclohexane	7.80	56	5413	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	22608	4.921	ug/l #	49
38) Carbon Tetrachloride	7.80	117	31507	6.282	ug/l #	16
76) 1,2,3-Trichloropropane	12.49	75	98434	47.528	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	98434	95.303	ug/l #	15

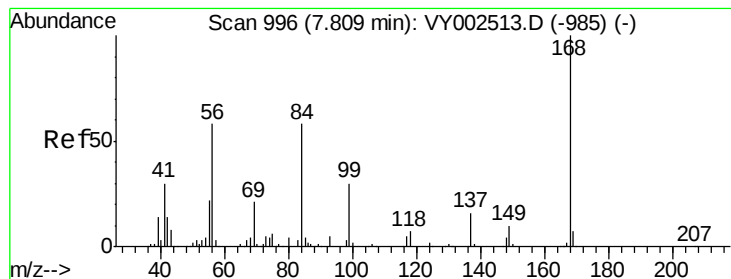
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: May 09 03:44:32 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
Quant Title : SW846 8260
QLast Update : Mon May 04 12:22:08 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

Instrument :

MSVOA_Y

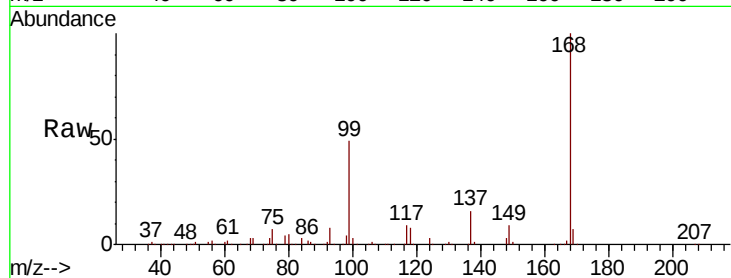
ClientSampleId :

Tot Ion:168 Resp: 354801

Ion Ratio Lower Upper

168 100

99 48.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002634.D (-947) (-)

Ion 98.90 (98.60 to 99.60): VY002634.D (-947) (-)

7.80

150000

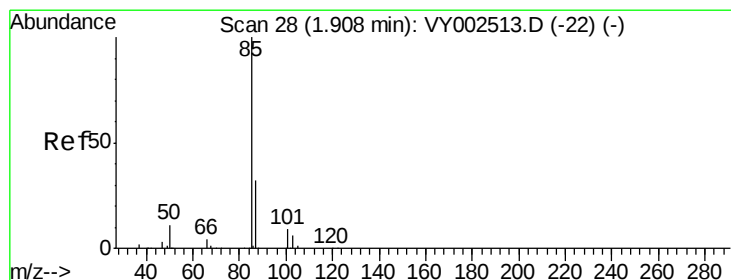
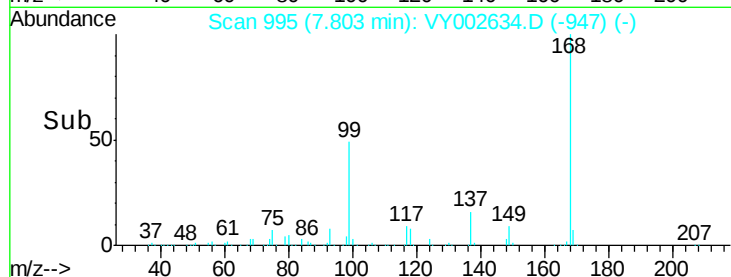
100000

50000

0

7.70 7.80 7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 1.875 ug/l

RT: 1.91 min Scan# 29

Delta R.T. 0.01 min

Lab File: VY002634.D

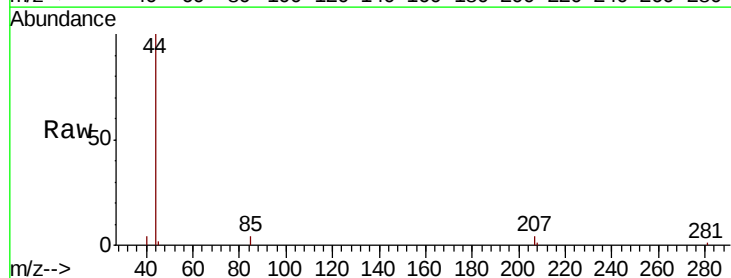
Acq: 08 May 2020 11:50

Tgt Ion: 85 Resp: 276

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002634.D (-1) (-)

Ion 86.90 (86.60 to 87.60): VY002634.D (-1) (-)

1.91

250

200

150

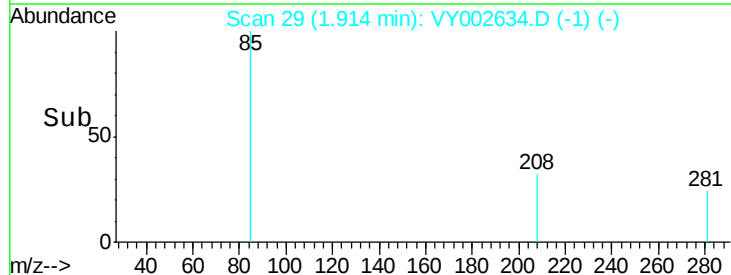
100

50

0

1.88 1.90 1.92 1.94

Time-->

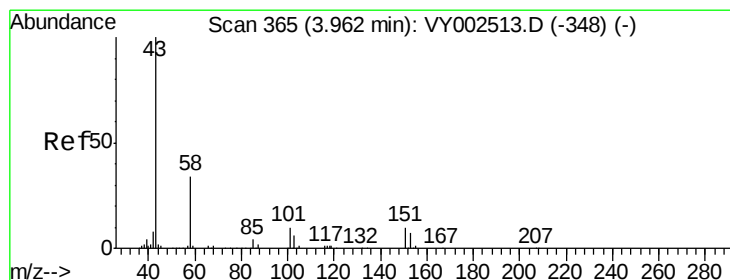
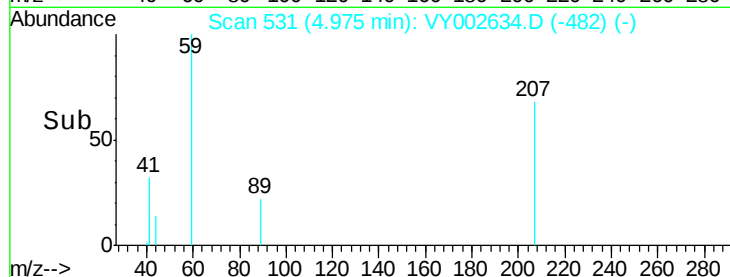
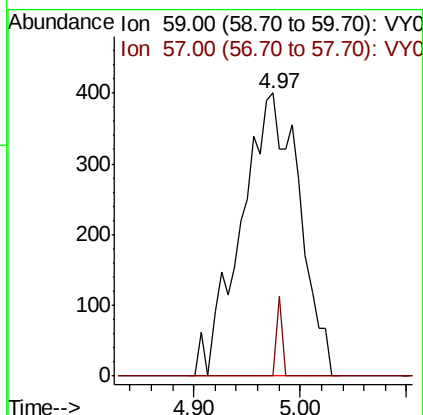
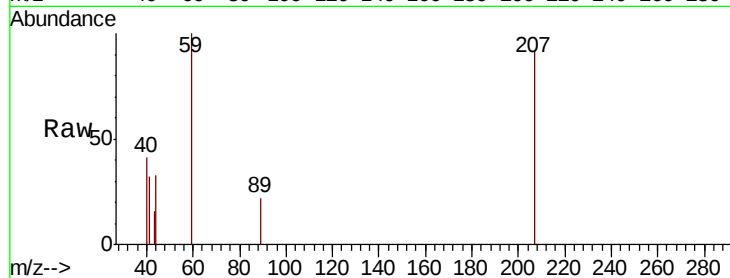




#11
Tert butyl alcohol
Concen: 4.985 ug/l
RT: 4.97 min Scan# 531
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

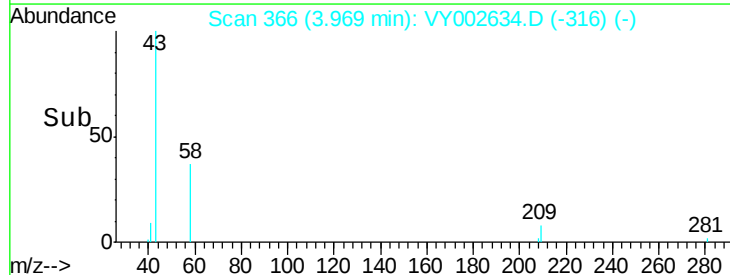
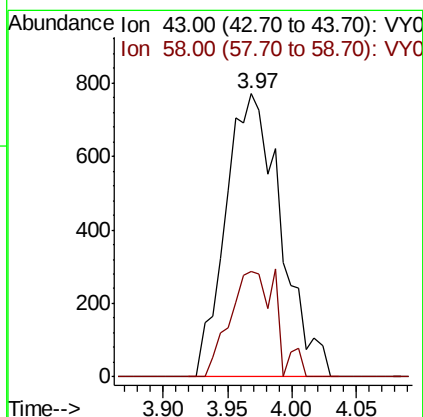
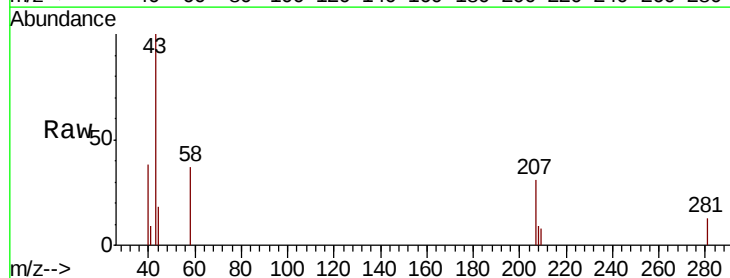
Instrument :
MSVOA_Y
ClientSampled :

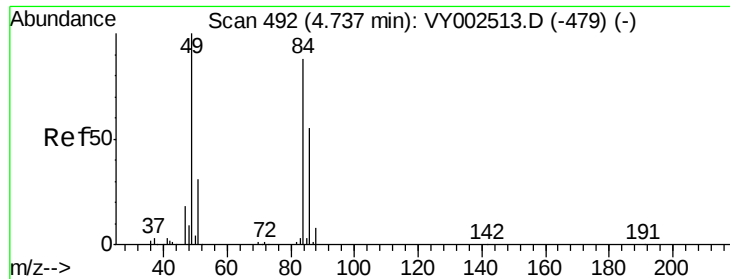
Tot Ion: 59 Resp: 1530
Ion Ratio Lower Upper
59 100
57 2.7 7.8 11.6#



#16
Acetone
Concen: 3.723 ug/l
RT: 3.97 min Scan# 366
Delta R.T. 0.01 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion: 43 Resp: 2292
Ion Ratio Lower Upper
43 100
58 37.4 26.9 40.3

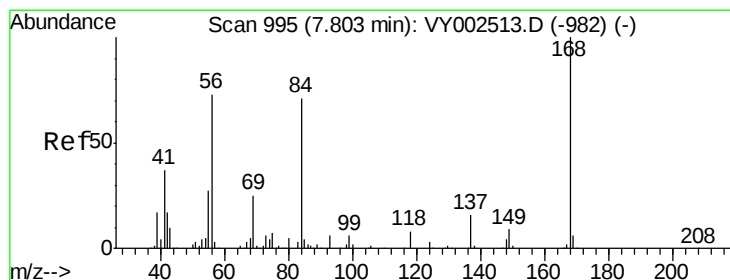
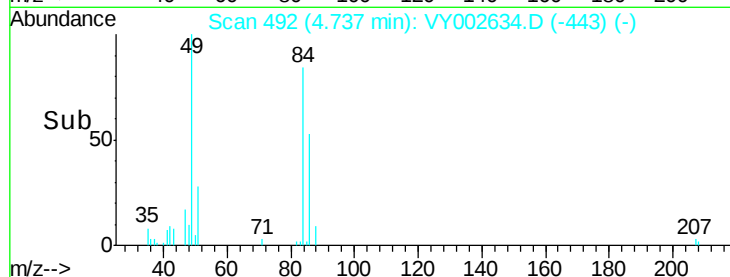
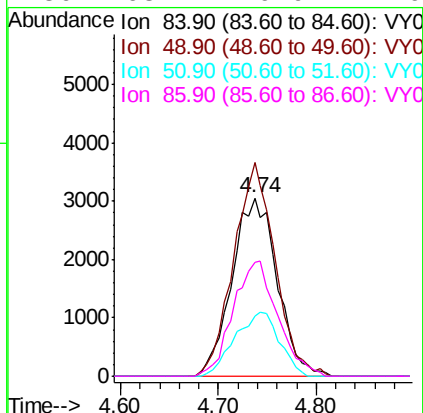
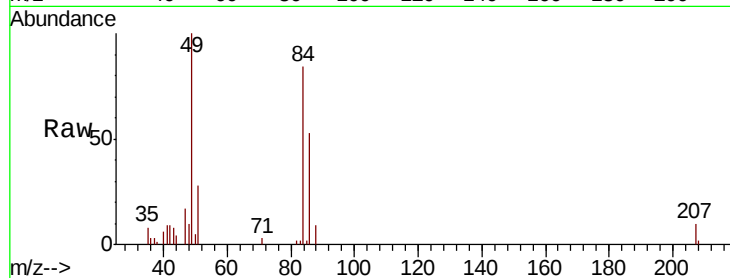




#20
Methvlene Chloride
Concen: 2.839 ug/l
RT: 4.74 min Scan# 492
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

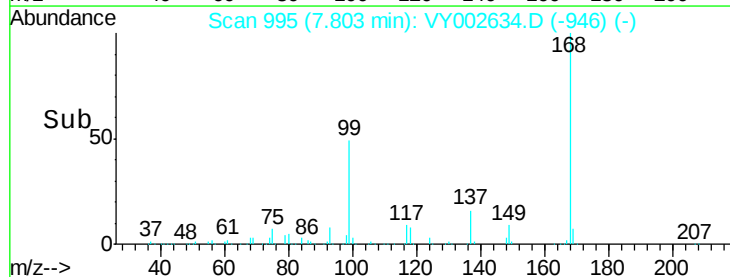
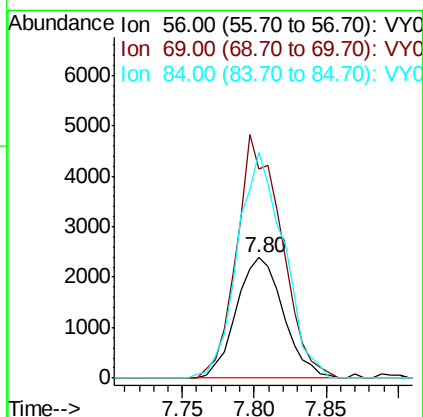
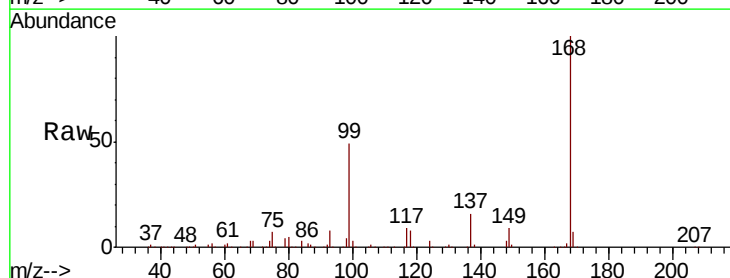
Instrument :
MSVOA_Y
ClientSampled :

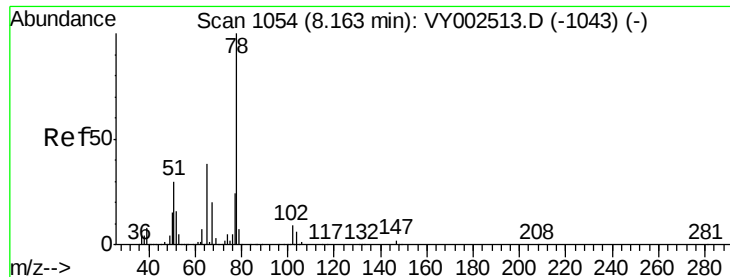
Tot Ion:	84	Resp:	9775
Ion	Ratio	Lower	Upper
84	100		
49	119.8	90.5	135.7
51	33.9	28.3	42.5
86	63.7	49.9	74.9



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 7.80 min Scan# 995
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion:	56	Resp:	5413
Ion	Ratio	Lower	Upper
56	100		
69	172.9	27.6	41.4#
84	187.5	77.7	116.5#





#33

1,2-Dichloroethane-d4

Concen: 52.901 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

Instrument :

MSVOA_Y

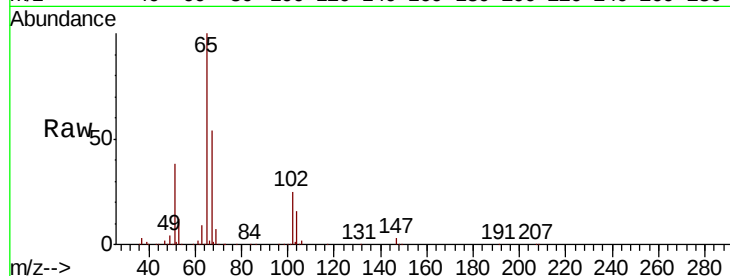
ClientSampleId :

Tot Ion: 65 Resp: 157816

Ion Ratio Lower Upper

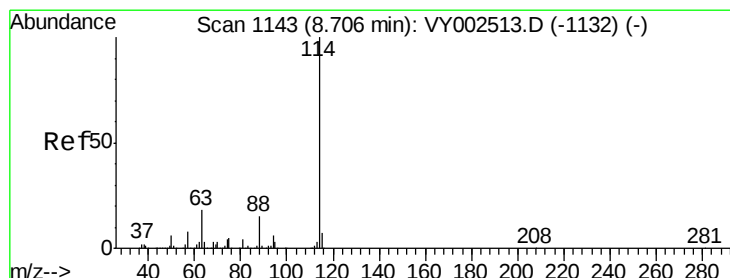
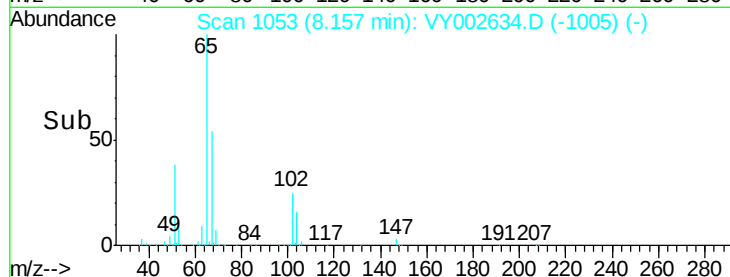
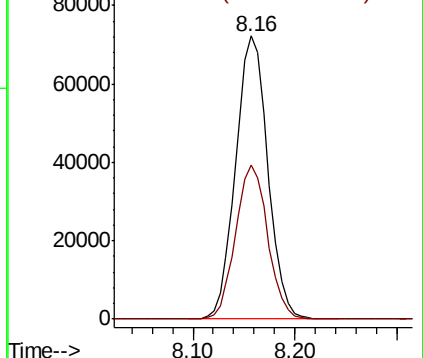
65 100

67 54.4 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: 8.71 min Scan# 1143

Delta R.T. 0.00 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

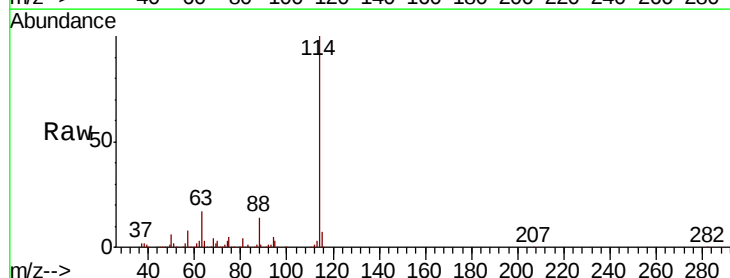
Tgt Ion: 114 Resp: 547989

Ion Ratio Lower Upper

114 100

63 16.9 0.0 36.4

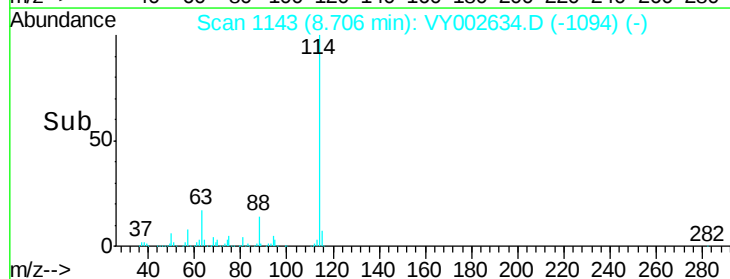
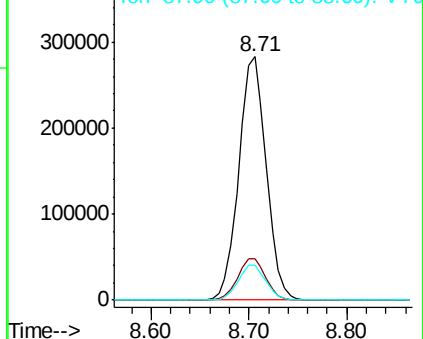
88 14.5 0.0 29.6

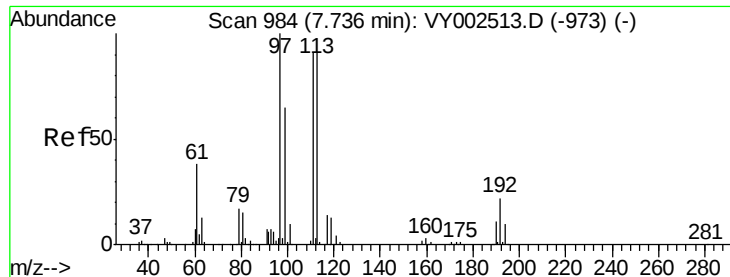


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0

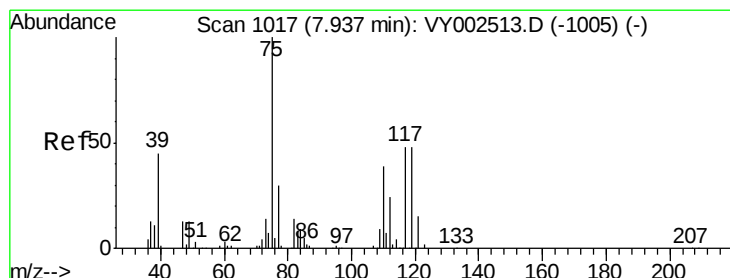
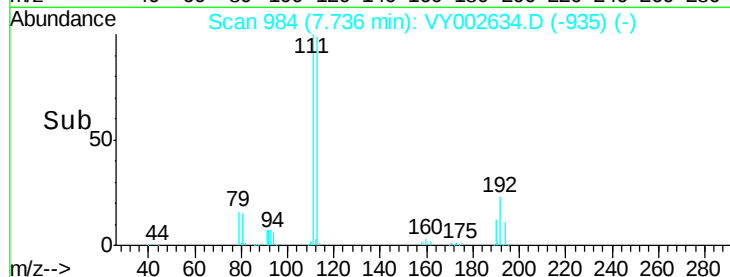
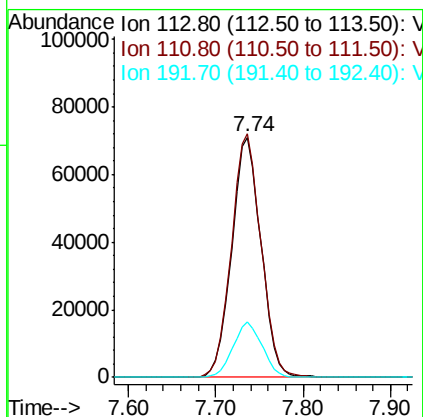
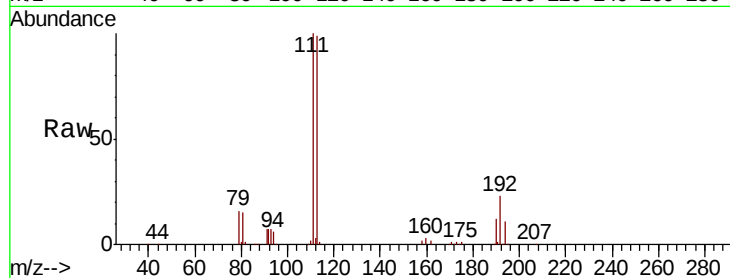




#35
Dibromofluoromethane
Concen: 52.680 ug/l
RT: 7.74 min Scan# 984
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

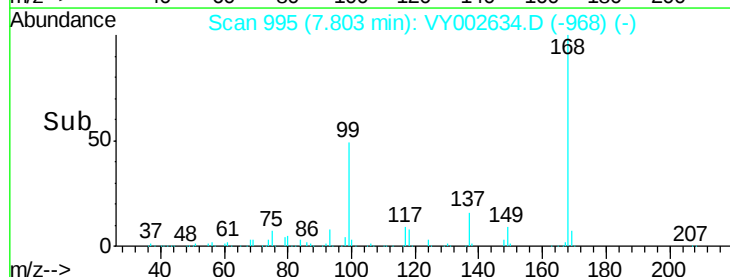
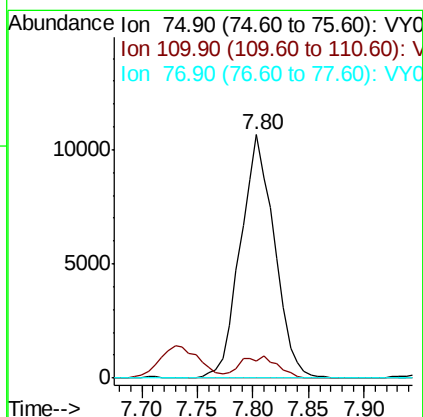
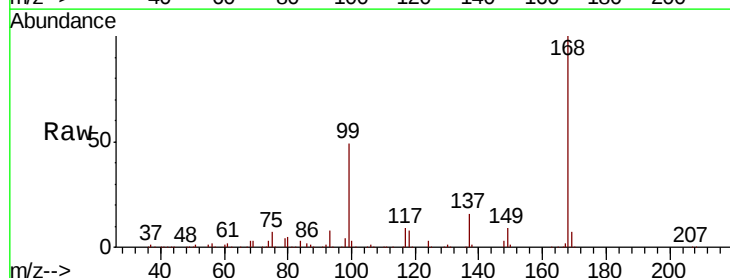
Instrument :
MSVOA_Y
ClientSampleId :

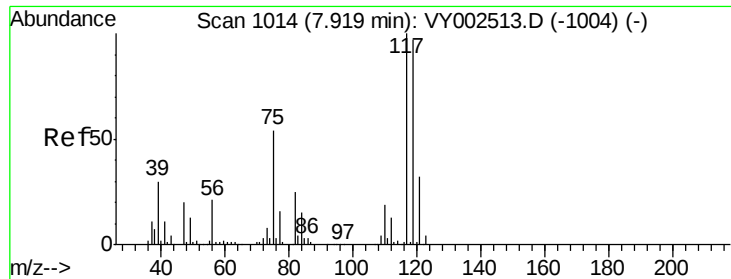
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.8	122.6
192	22.9	18.2	27.4



#36
1,1-Dichloropropene
Concen: 4.921 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.13 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.1	57.3#
77	0.0	24.6	37.0#

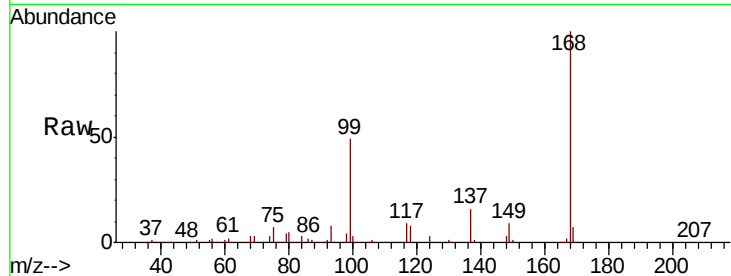




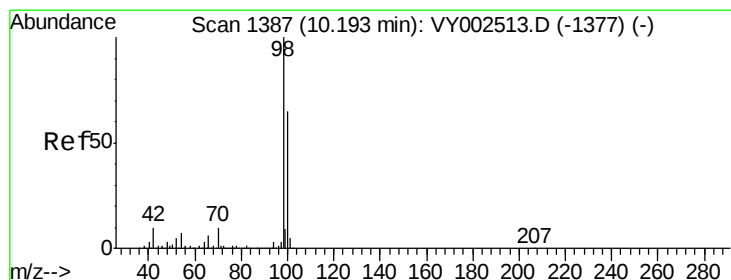
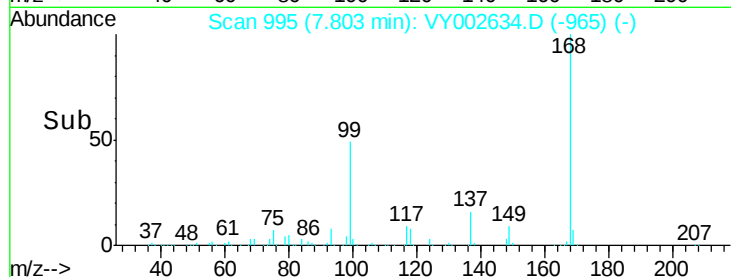
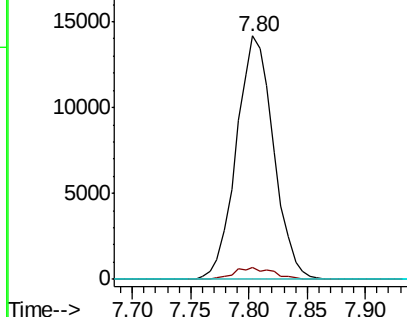
#38
Carbon Tetrachloride
Concen: 6.282 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.12 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Instrument :
MSVOA_Y
ClientSampleId :

Tot Ion:117 Resp: 31507
Ion Ratio Lower Upper
117 100
119 4.9 77.1 115.7#
121 0.0 25.2 37.8#

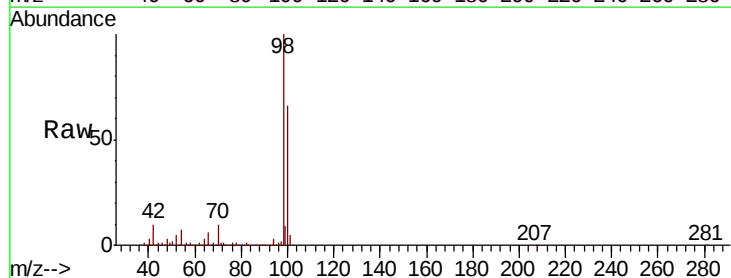


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

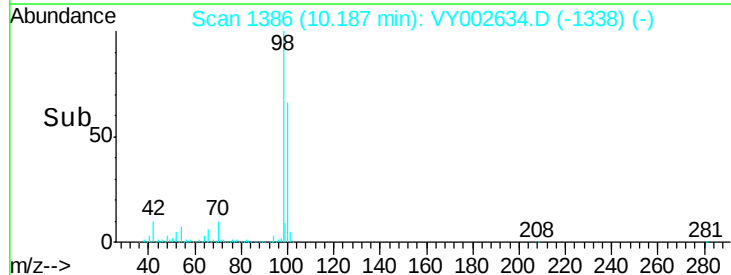
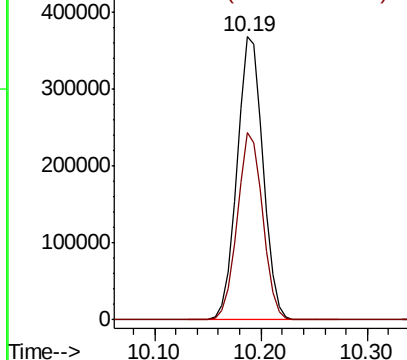


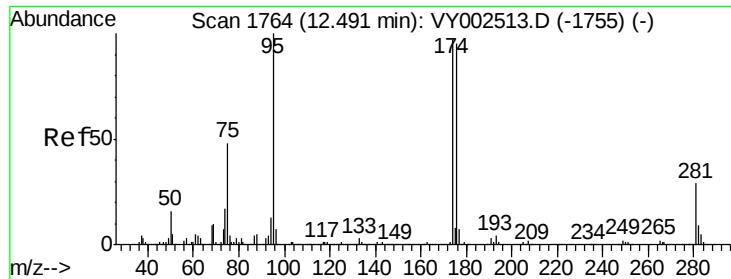
#50
Toluene-d8
Concen: 51.457 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion: 98 Resp: 629767
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



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

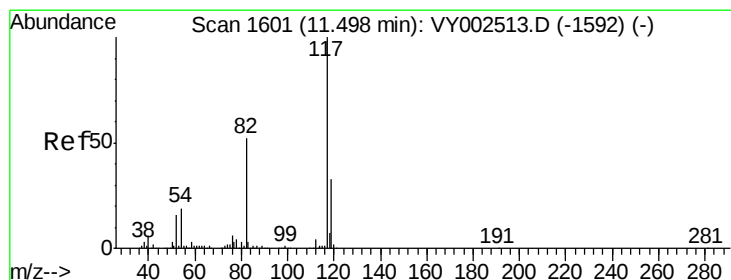
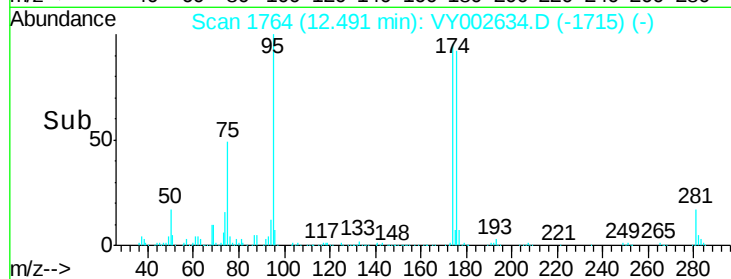
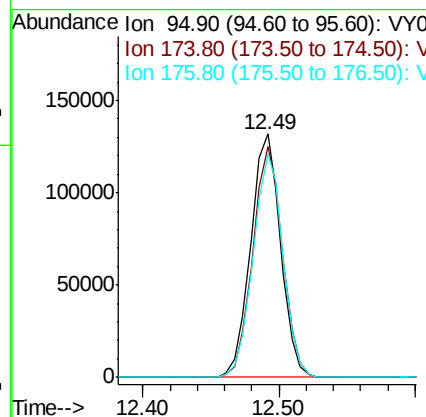
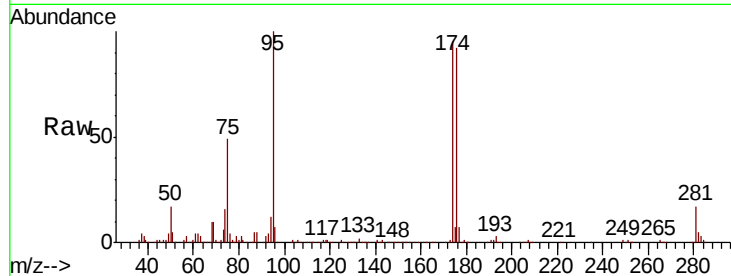




#62
4-Bromofluorobenzene
Concen: 49.019 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

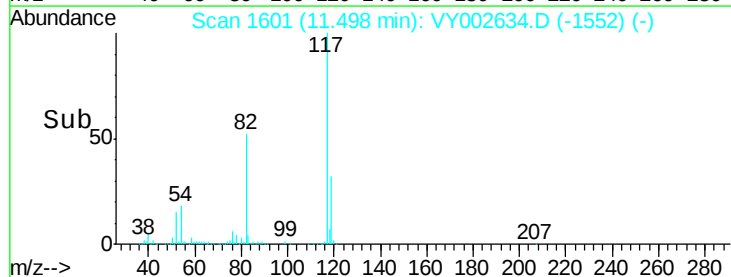
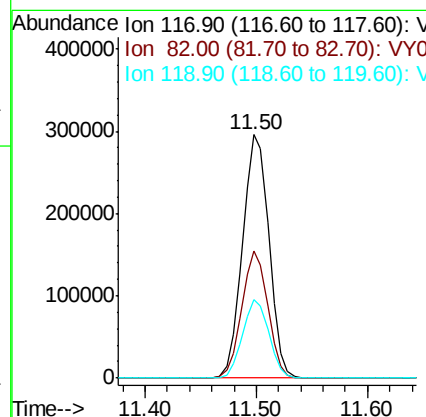
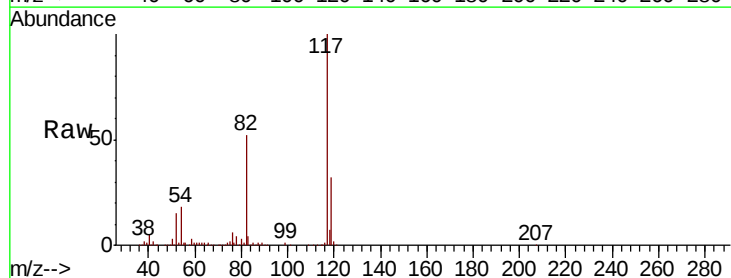
Instrument :
MSVOA_Y
ClientSampleId :

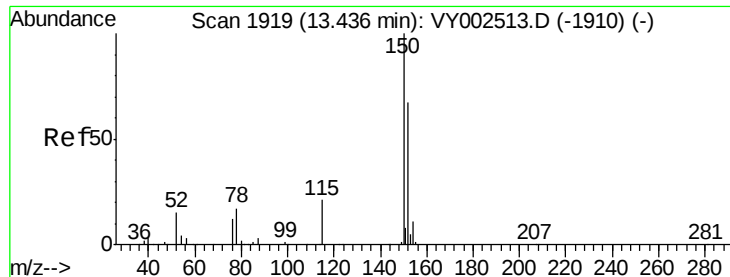
Tot Ion	Ratio	Lower	Upper
95	100		
174	94.0	0.0	188.8
176	91.4	0.0	183.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002634.D
Acq: 08 May 2020 11:50

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.0	41.3	61.9
119	32.3	26.0	39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY002634.D

Acq: 08 May 2020 11:50

Instrument :

MSVOA_Y

ClientSampled :

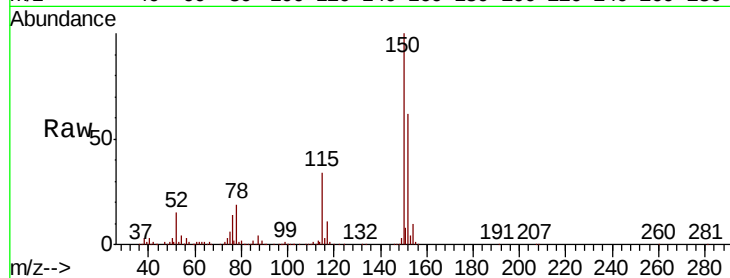
Tot Ion:152 Resp: 233053

Ion Ratio Lower Upper

152 100

115 54.2 27.5 82.4

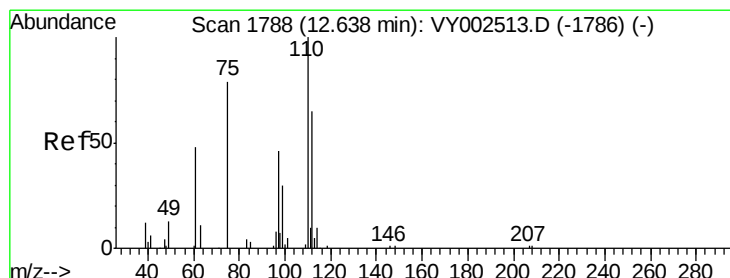
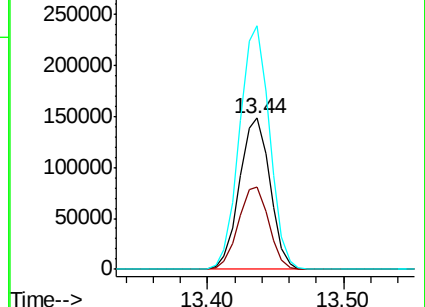
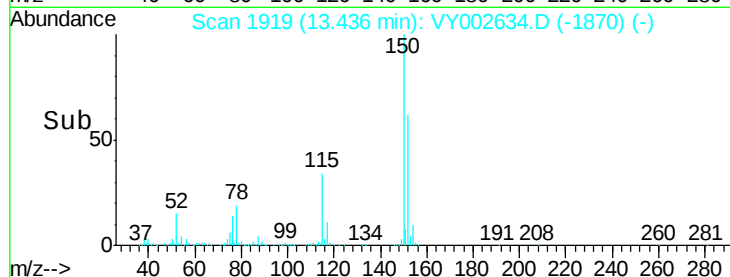
150 158.2 0.0 346.4



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: 47.528 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.15 min

Lab File: VY002634.D

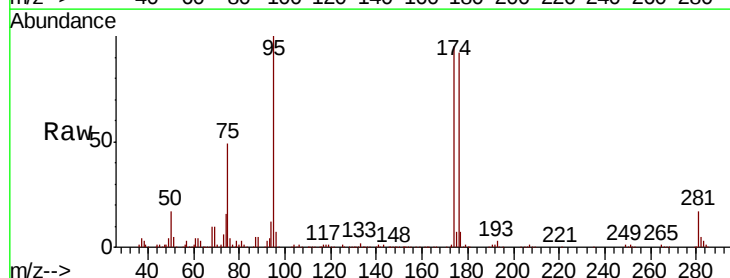
Acq: 08 May 2020 11:50

Tgt Ion: 75 Resp: 98434

Ion Ratio Lower Upper

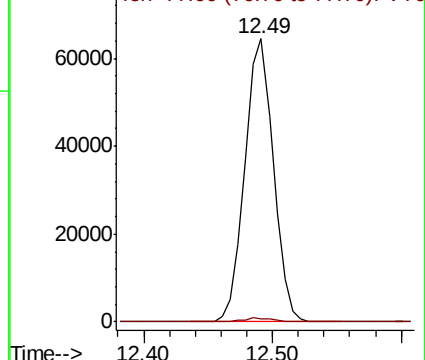
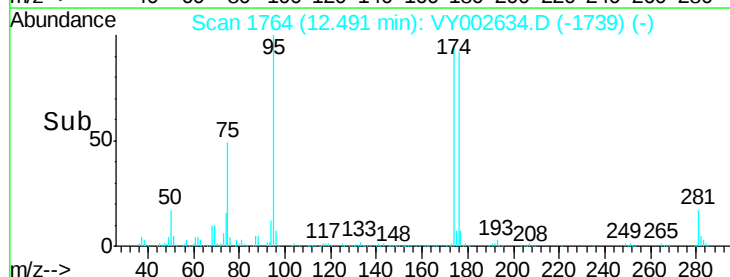
75 100

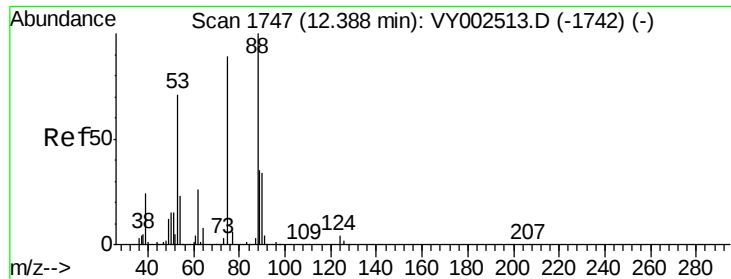
77 1.4 0.0 0.0#



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: 95.303 ug/l
 RT: 12.49 min Scan# 1764
 Delta R.T. 0.10 min
 Lab File: VY002634.D
 Acq: 08 May 2020 11:50

Instrument :
 MSVOA_Y
 ClientSampleId :

Tot Ion: 75 Resp: 98434
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.2 37.4 56.0#

