

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY050520\
 Data File : VY002599.D
 Acq On : 05 May 2020 19:57
 Operator : SY/MD
 Sample : L2491-05
 Misc : 7.90G/5ML/MSVOA Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

Quant Time: May 06 03:22:59 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	7.81	168	334090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	520757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	459986	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	211808	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	149885	53.36	ug/l	0.00
Spiked Amount			Recovery	=	106.72%	
35) Dibromofluoromethane	7.74	113	155883	52.34	ug/l	0.00
Spiked Amount			Recovery	=	104.68%	
50) Toluene-d8	10.19	98	605444	52.06	ug/l	0.00
Spiked Amount			Recovery	=	104.12%	
62) 4-Bromofluorobenzene	12.49	95	193424	49.01	ug/l	0.00
Spiked Amount			Recovery	=	98.02%	

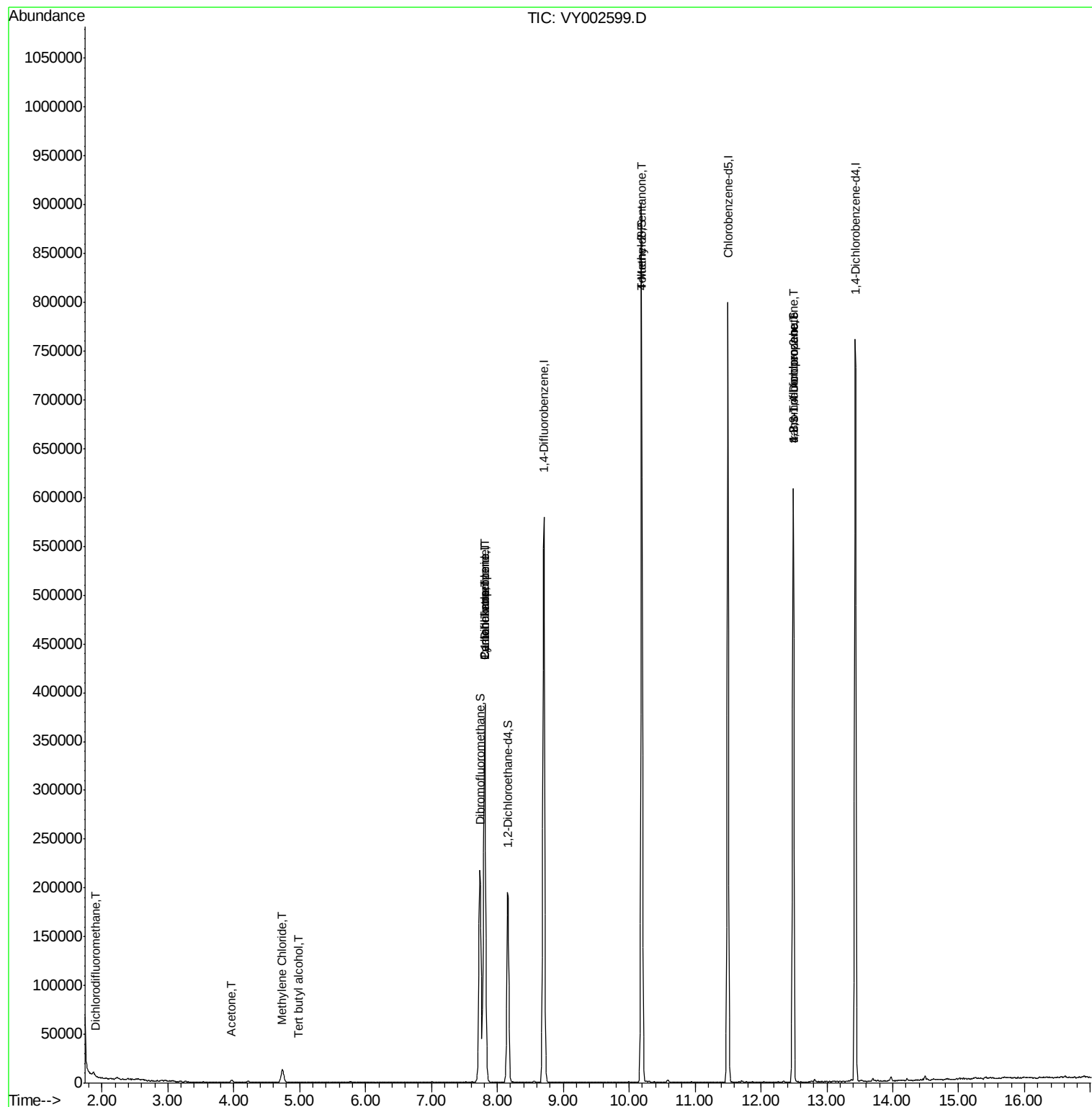
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	21	1.792	ug/l #	43
11) Tert butyl alcohol	4.97	59	520	1.799	ug/l #	74
16) Acetone	3.96	43	3814	6.579	ug/l	89
20) Methylene Chloride	4.74	84	10746	3.315	ug/l	95
31) Cyclohexane	7.80	56	5366	1.063	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	21003	4.811	ug/l #	48
38) Carbon Tetrachloride	7.81	117	29962	6.286	ug/l #	16
51) 4-Methyl-2-Pentanone	10.19	43	2303	1.062	ug/l #	1
76) 1,2,3-Trichloropropane	12.49	75	92670	49.233	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.49	75	92670	98.722	ug/l #	15

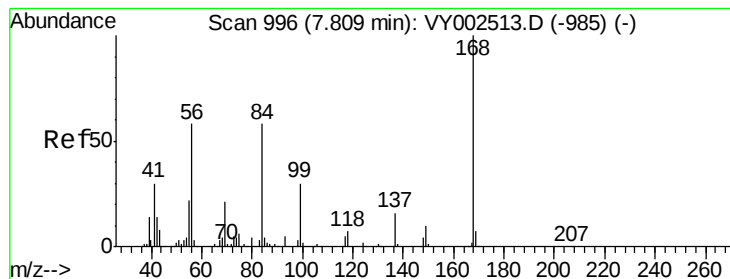
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

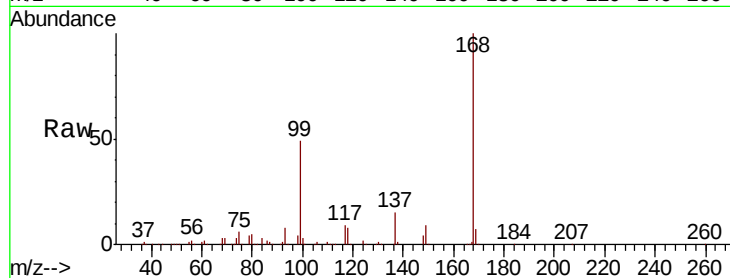
6FT-TP-10

Tot Ion:168 Resp: 334090

Ion Ratio Lower Upper

168 100

99 49.2 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002513.D (-985) (-)

7.81

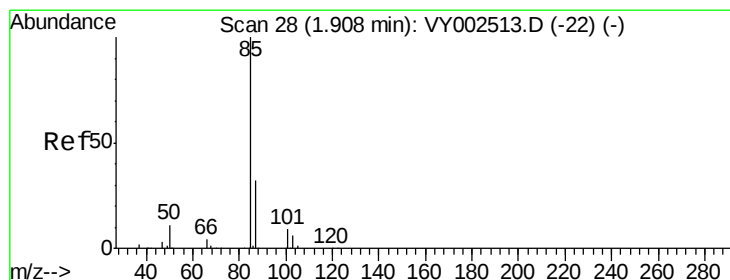
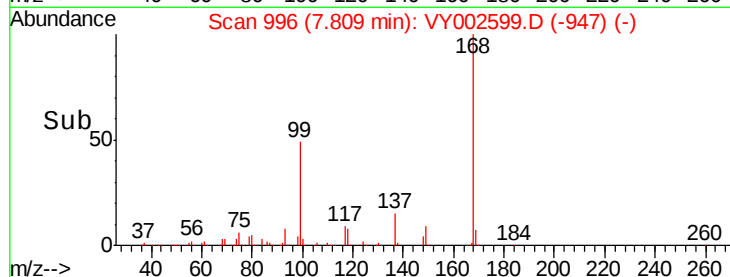
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.792 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002599.D

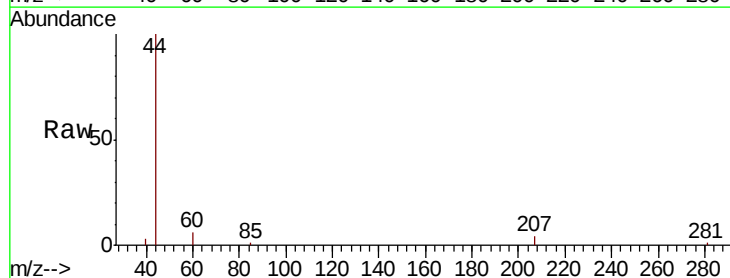
Acq: 05 May 2020 19:57

Tgt Ion: 85 Resp: 21

Ion Ratio Lower Upper

85 100

87 0.0 15.8 47.4#



Abundance Ion 84.90 (84.60 to 85.60): VY002513.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002513.D (-22) (-)

1.91

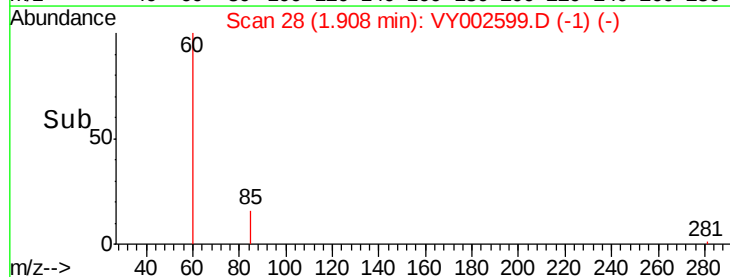
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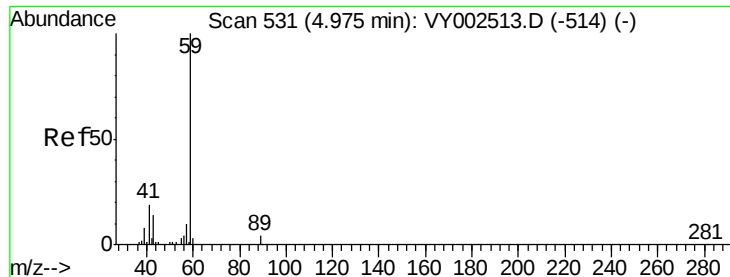
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20

0

Time-->



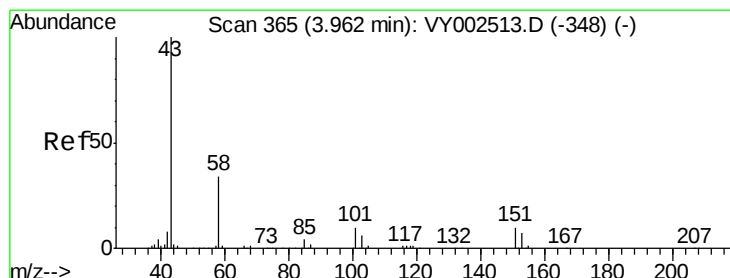
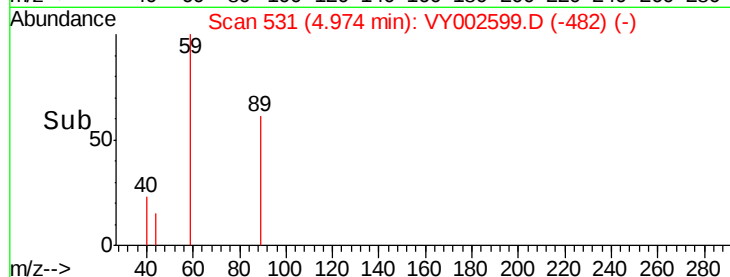
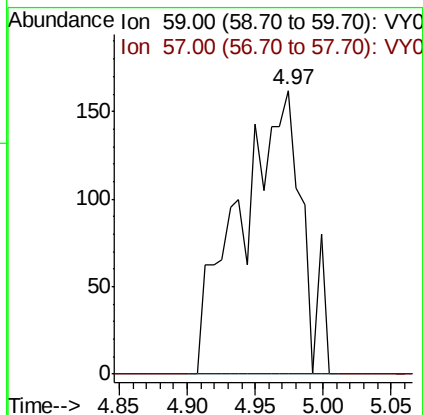
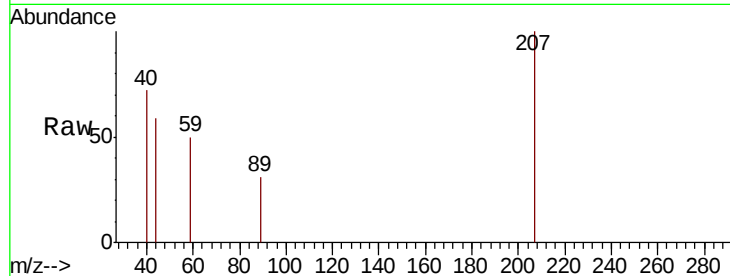


#11

Tert butyl alcohol
 Concen: 1.799 ug/l
 RT: 4.97 min Scan# 531
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

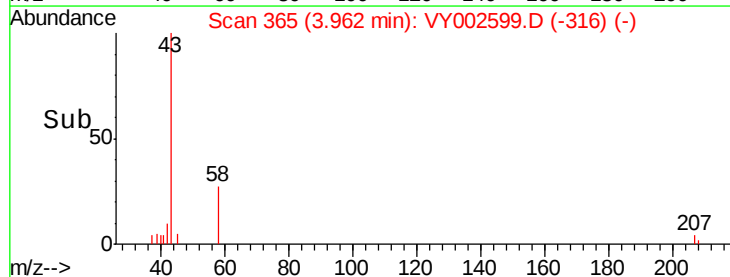
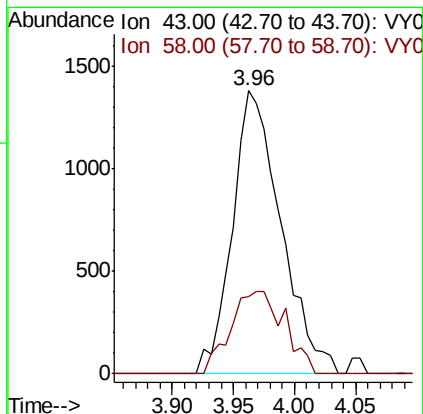
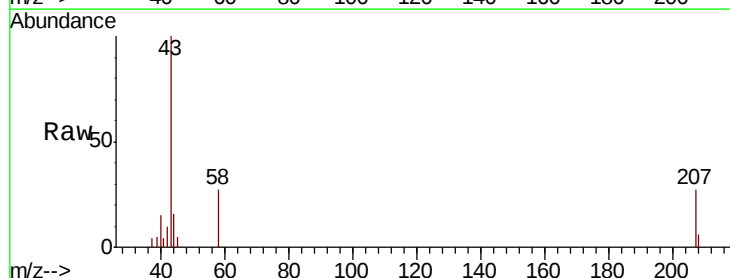
Tot Ion: 59 Resp: 520
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.6#

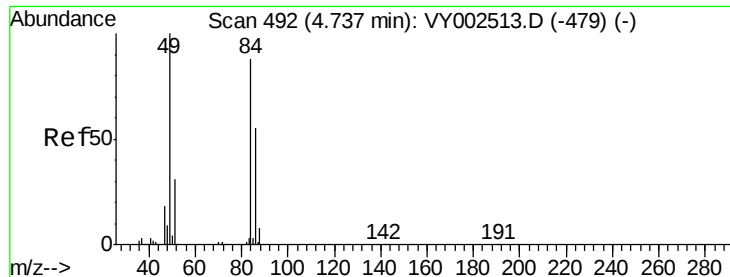


#16

Acetone
 Concen: 6.579 ug/l
 RT: 3.96 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Tgt Ion: 43 Resp: 3814
 Ion Ratio Lower Upper
 43 100
 58 27.4 26.9 40.3

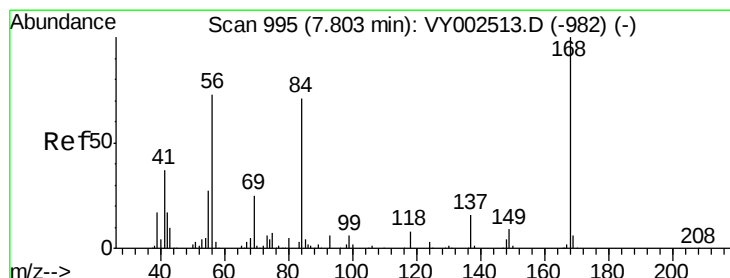
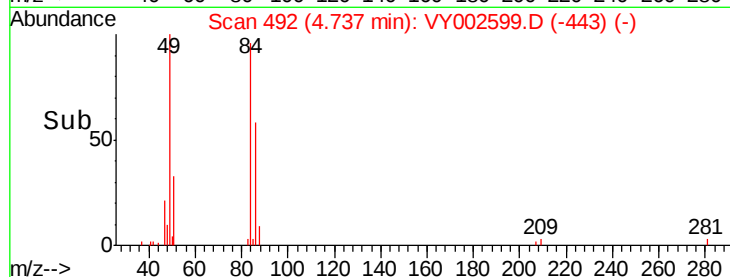
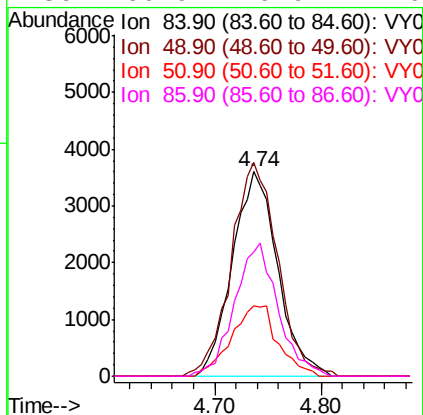
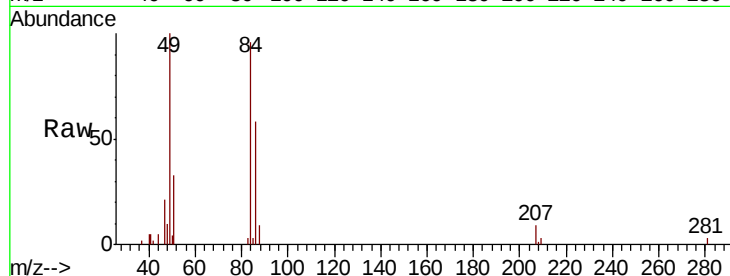




#20
Methvlene Chloride
Concen: 3.315 ug/l
RT: 4.74 min Scan# 492
Delta R.T. -0.00 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

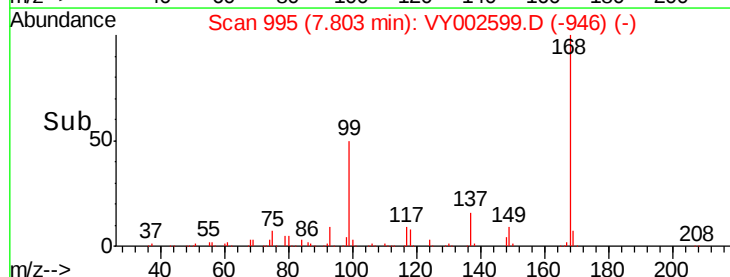
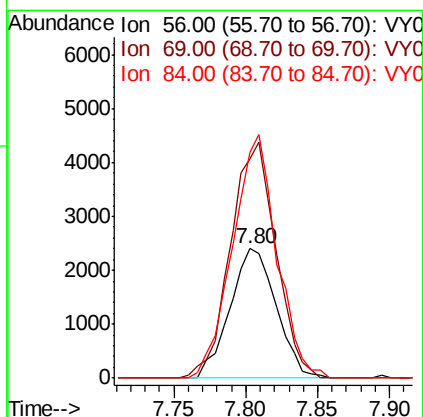
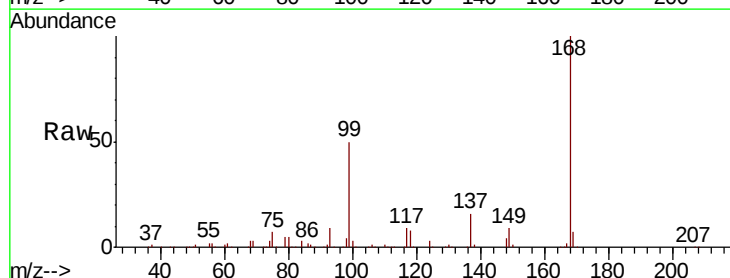
Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-10

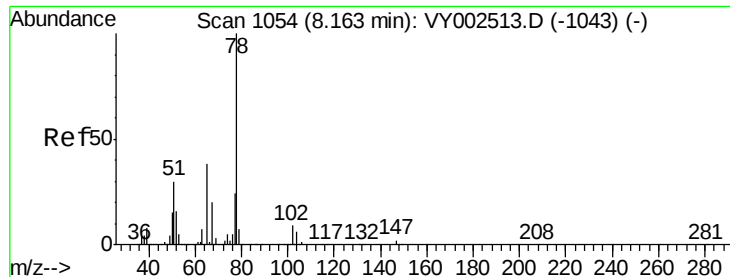
Tot Ion:	84	Resp:	10746
Ion	Ratio	Lower	Upper
84	100		
49	104.5	90.5	135.7
51	34.4	28.3	42.5
86	60.9	49.9	74.9



#31
Cyclohexane
Concen: 1.063 ug/l
RT: 7.80 min Scan# 995
Delta R.T. -0.00 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

Tgt Ion:	56	Resp:	5366
Ion	Ratio	Lower	Upper
56	100		
69	169.8	27.6	41.4#
84	174.3	77.7	116.5#

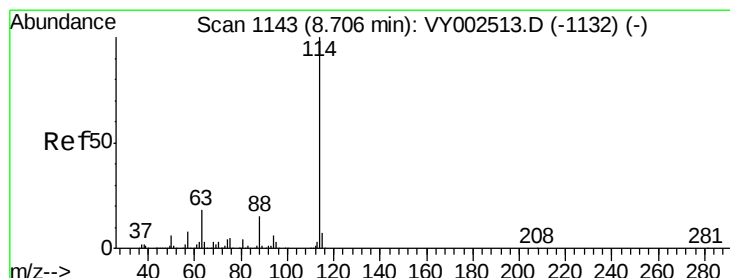
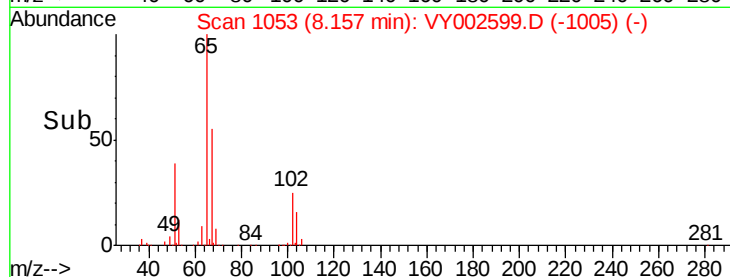
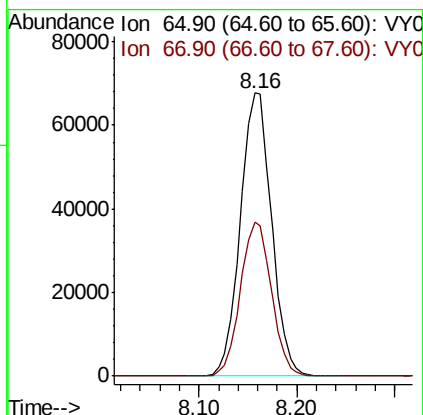
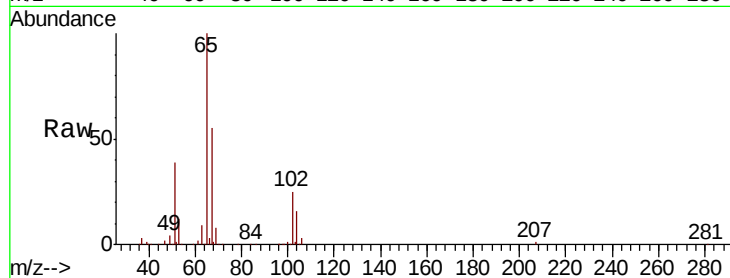




#33
 1,2-Dichloroethane-d4
 Concen: 53.357 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

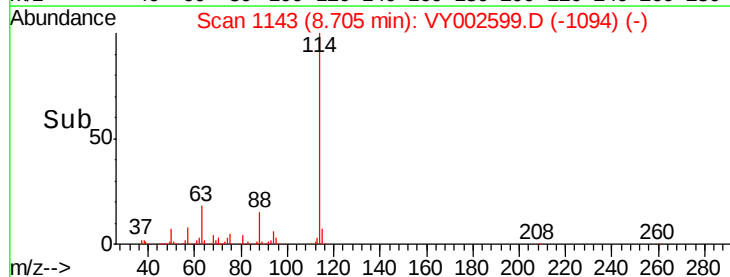
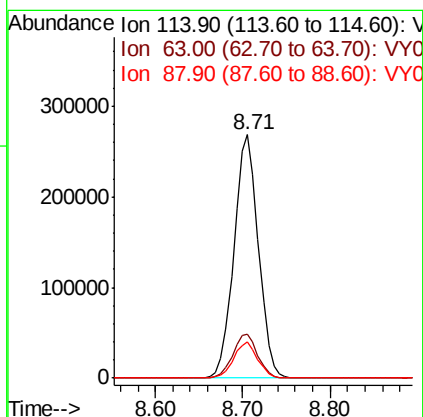
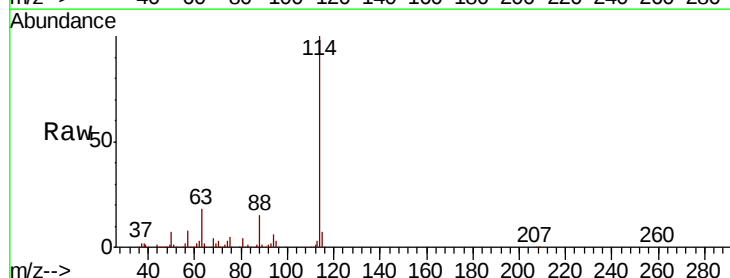
Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

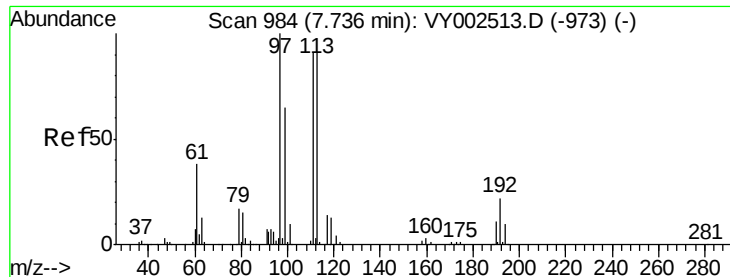
Tot Ion: 65 Resp: 149885
 Ion Ratio Lower Upper
 65 100
 67 54.2 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Tgt Ion: 114 Resp: 520757
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.4
 88 14.7 0.0 29.6

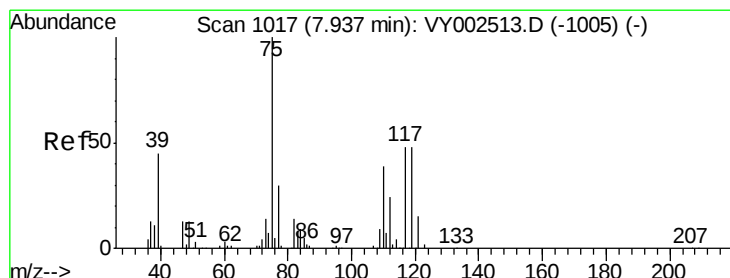
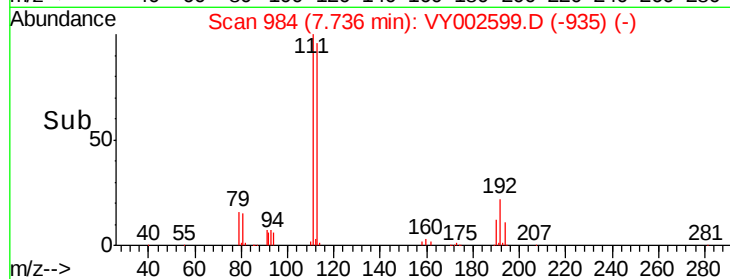
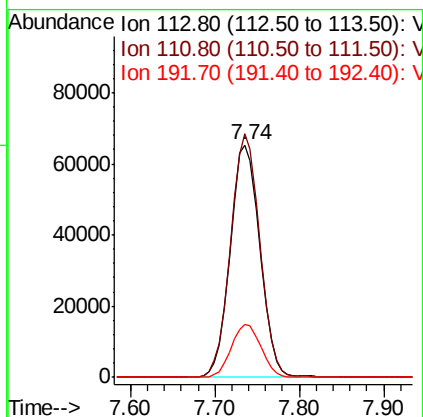
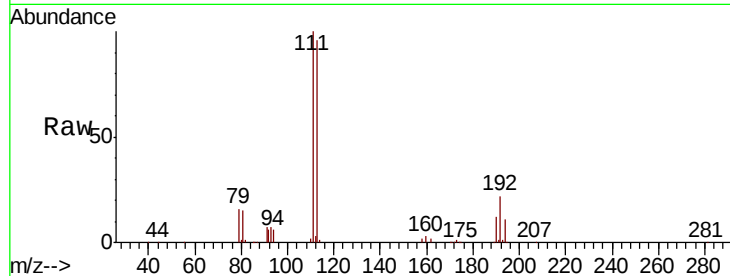




#35
 Dibromofluoromethane
 Concen: 52.341 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. -0.00 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

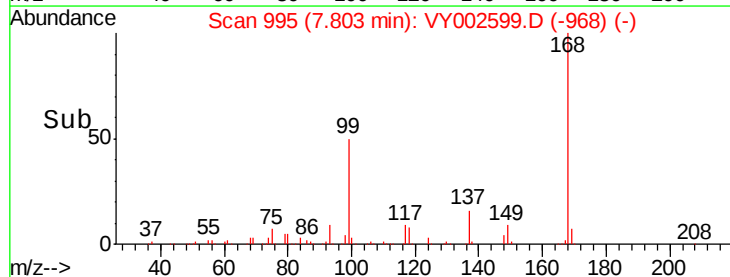
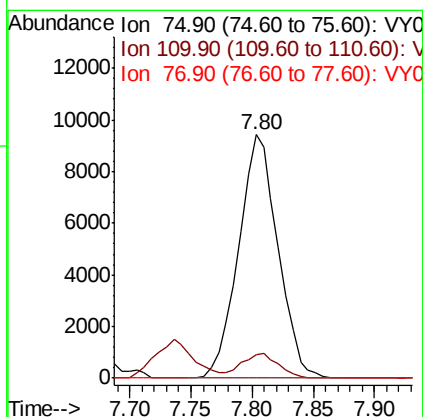
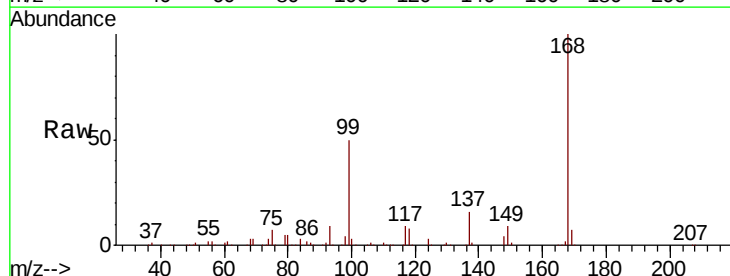
Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

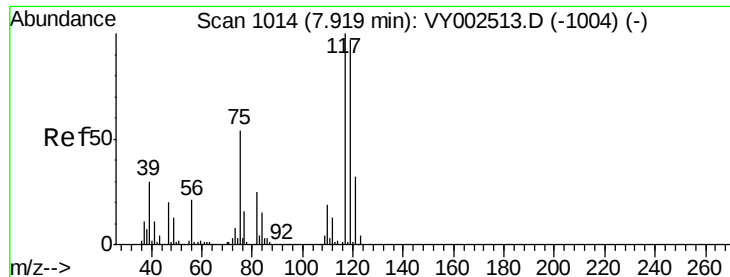
Tot Ion:113 Resp: 155883
 Ion Ratio Lower Upper
 113 100
 111 103.1 81.8 122.6
 192 22.7 18.2 27.4



#36
 1,1-Dichloropropene
 Concen: 4.811 ug/l
 RT: 7.80 min Scan# 995
 Delta R.T. -0.13 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Tgt Ion: 75 Resp: 21003
 Ion Ratio Lower Upper
 75 100
 110 9.3 19.1 57.3#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 6.286 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.11 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

6FT-TP-10

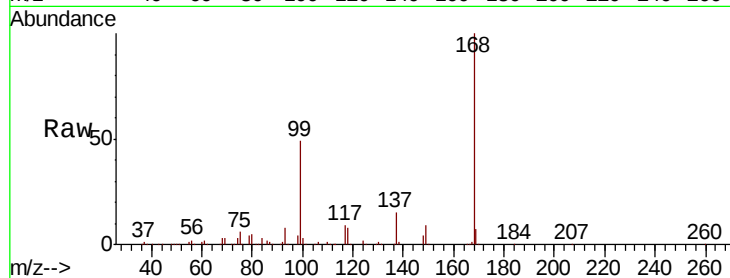
Tot Ion:117 Resp: 29962

Ion Ratio Lower Upper

117 100

119 5.2 77.1 115.7#

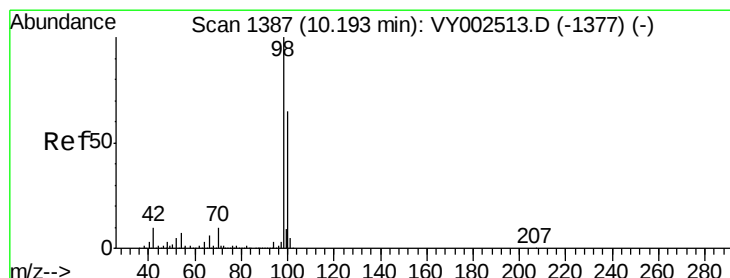
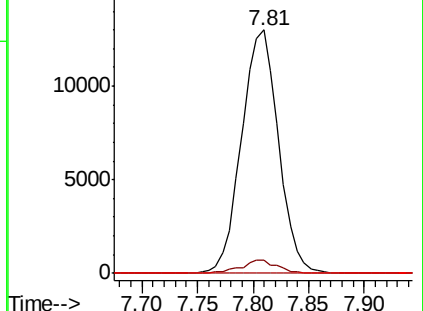
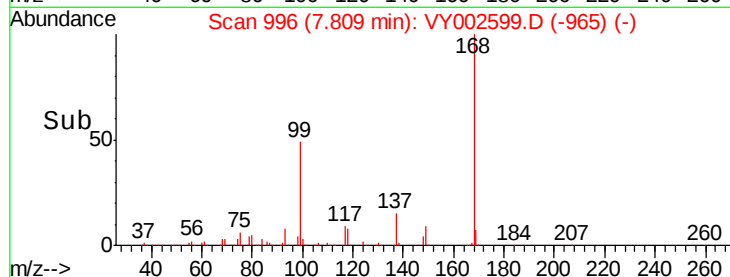
121 0.0 25.2 37.8#



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: 52.057 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY002599.D

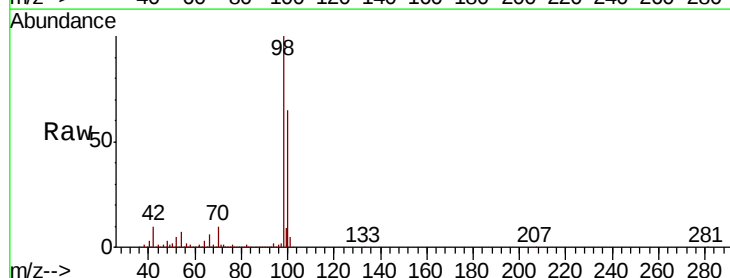
Acq: 05 May 2020 19:57

Tgt Ion: 98 Resp: 605444

Ion Ratio Lower Upper

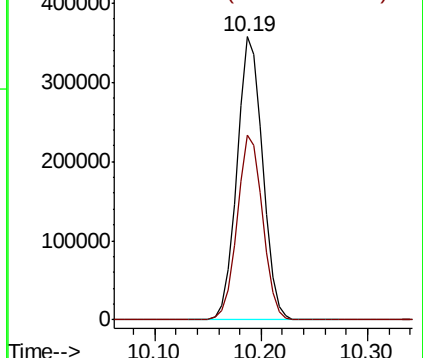
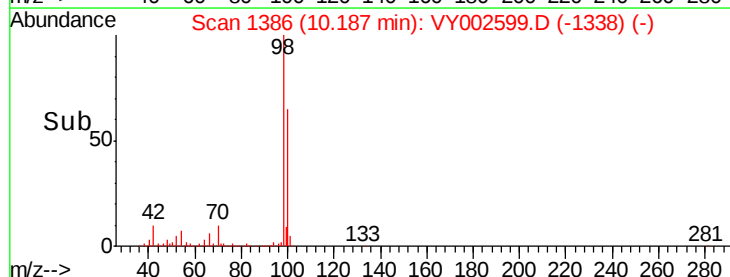
98 100

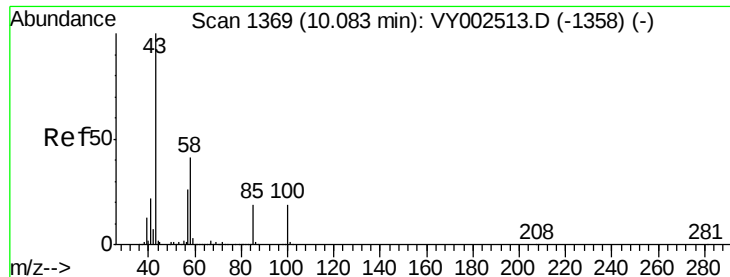
100 64.9 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#51

4-Methyl-2-Pentanone

Concen: 1.062 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.10 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

Instrument :

MSVOA_Y

ClientSampleId :

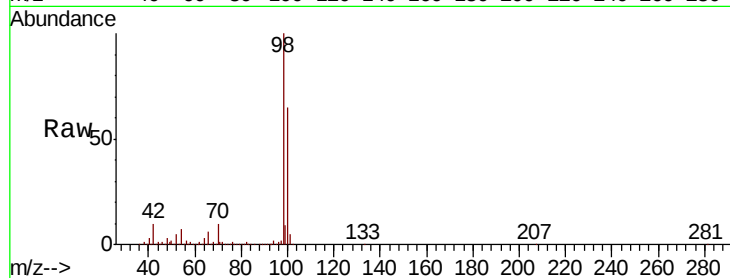
6FT-TP-10

Tot Ion: 43 Resp: 2303

Ion Ratio Lower Upper

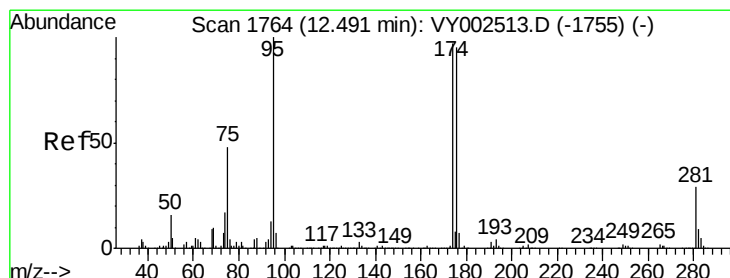
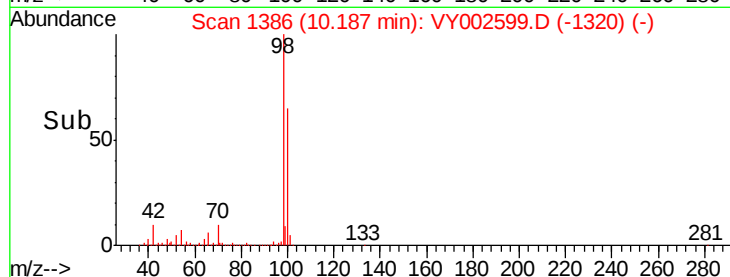
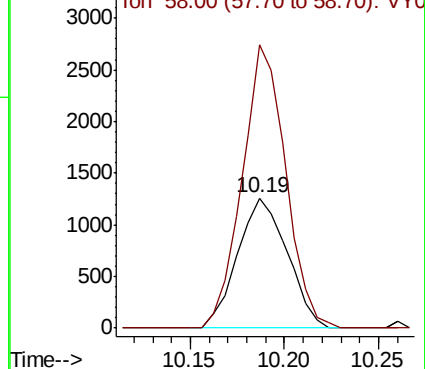
43 100

58 190.4 33.2 49.8#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0



#62

4-Bromofluorobenzene

Concen: 49.012 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY002599.D

Acq: 05 May 2020 19:57

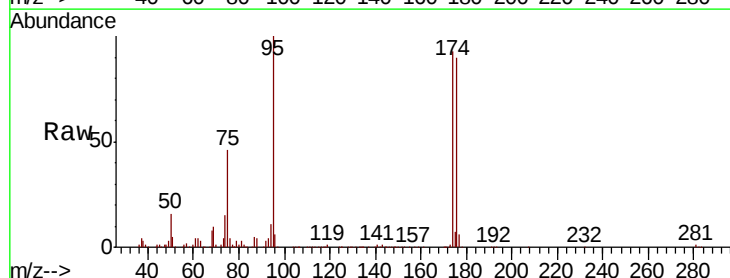
Tgt Ion: 95 Resp: 193424

Ion Ratio Lower Upper

95 100

174 91.1 0.0 188.8

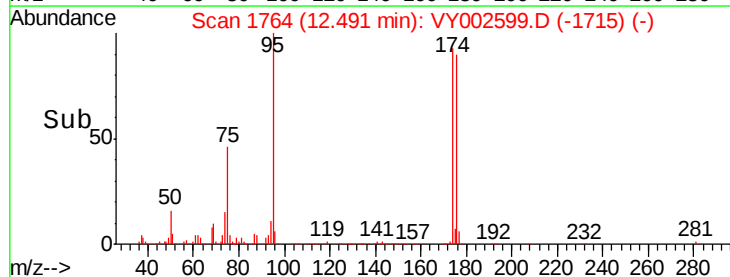
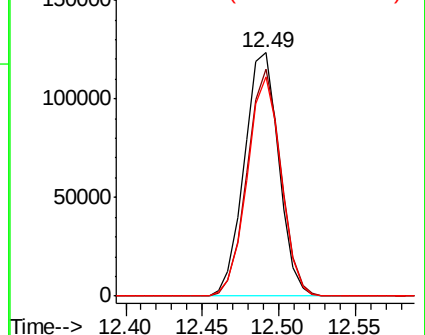
176 88.7 0.0 183.2

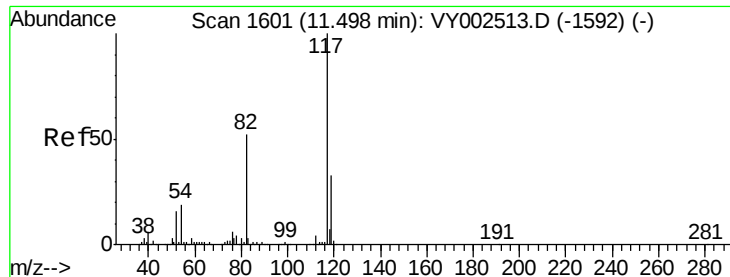


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

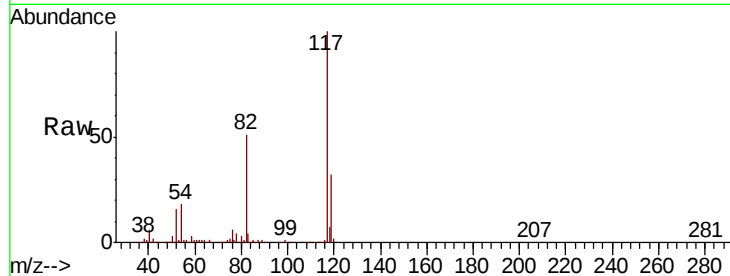




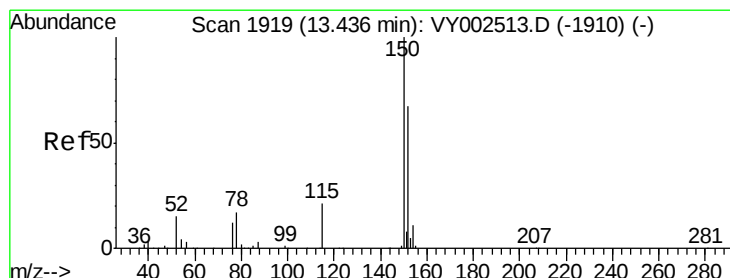
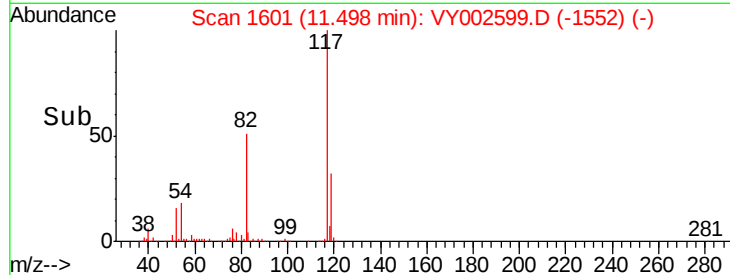
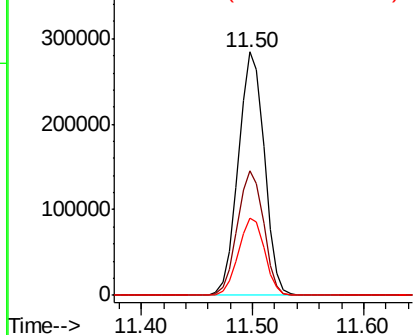
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

Instrument :
MSVOA_Y
ClientSampleId :
6FT-TP-10

Tot Ion:117 Resp: 459986
Ion Ratio Lower Upper
117 100
82 51.2 41.3 61.9
119 31.8 26.0 39.0

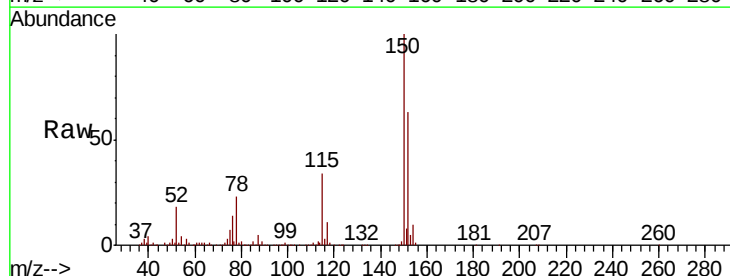


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

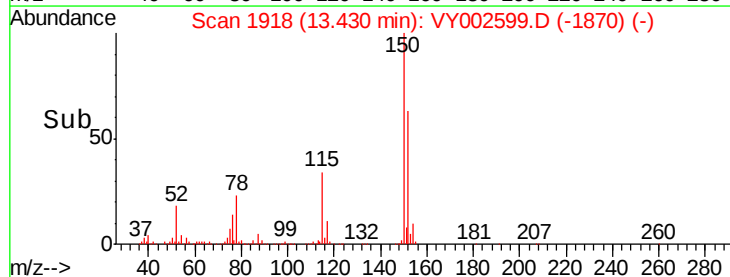
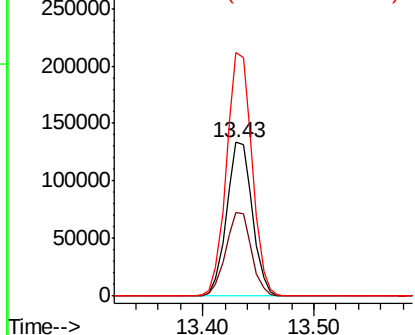


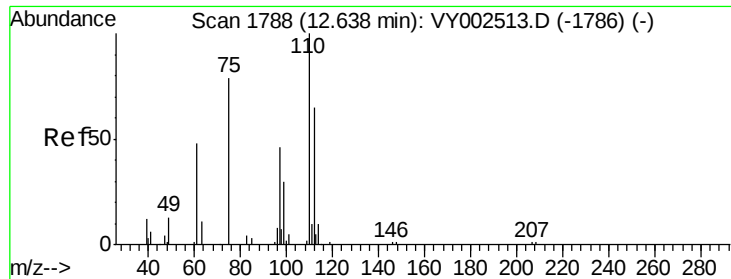
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY002599.D
Acq: 05 May 2020 19:57

Tgt Ion:152 Resp: 211808
Ion Ratio Lower Upper
152 100
115 54.4 27.5 82.4
150 158.1 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

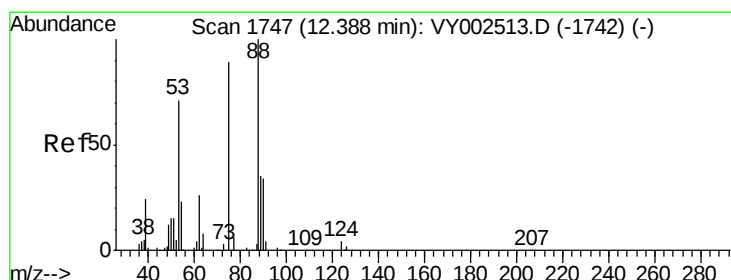
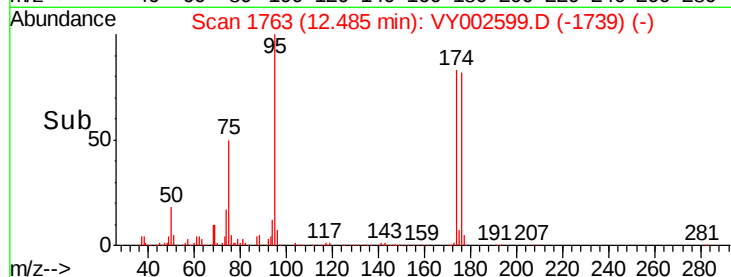
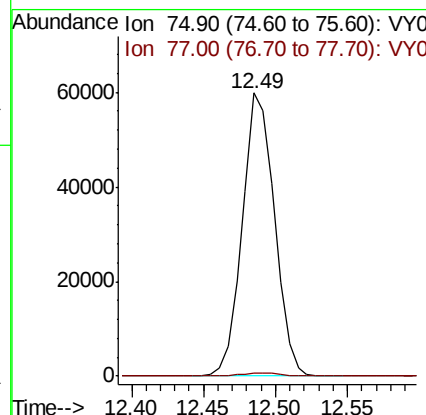
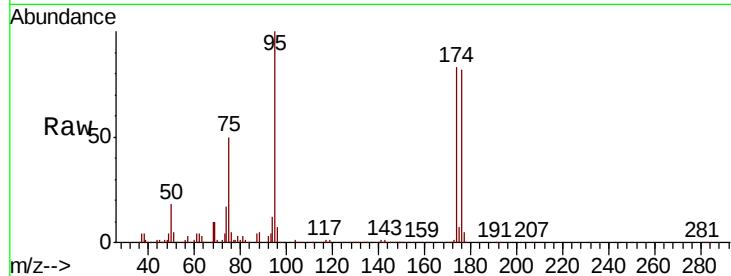




#76
 1,2,3-Trichloropropane
 Concen: 49.233 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. -0.15 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Instrument :
 MSVOA_Y
 ClientSampleId :
 6FT-TP-10

Tot Ion: 75 Resp: 92670
 Ion Ratio Lower Upper
 75 100
 77 1.4 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.722 ug/l
 RT: 12.49 min Scan# 1763
 Delta R.T. 0.10 min
 Lab File: VY002599.D
 Acq: 05 May 2020 19:57

Tgt Ion: 75 Resp: 92670
 Ion Ratio Lower Upper
 75 100
 53 0.0 67.4 101.0#
 89 0.0 37.4 56.0#

