

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
 Data File : VY001278.D
 Acq On : 17 Jan 2020 20:08
 Operator : SY/MD
 Sample : L1172-02
 Misc : 5.89G/5ML/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TSP-01

Quant Time: Jan 18 03:27:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	198028	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.72	114	357550	50.00	ug/l	0.03
63) Chlorobenzene-d5	11.51	117	318341	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	137743	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	113270	54.16	ug/l	0.03
Spiked Amount 50.000			Recovery	=	108.32%	
35) Dibromofluoromethane	7.76	113	103946	49.65	ug/l	0.04
Spiked Amount 50.000			Recovery	=	99.30%	
50) Toluene-d8	10.21	98	419132	51.96	ug/l	0.02
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	12.50	95	148452	45.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.04%	

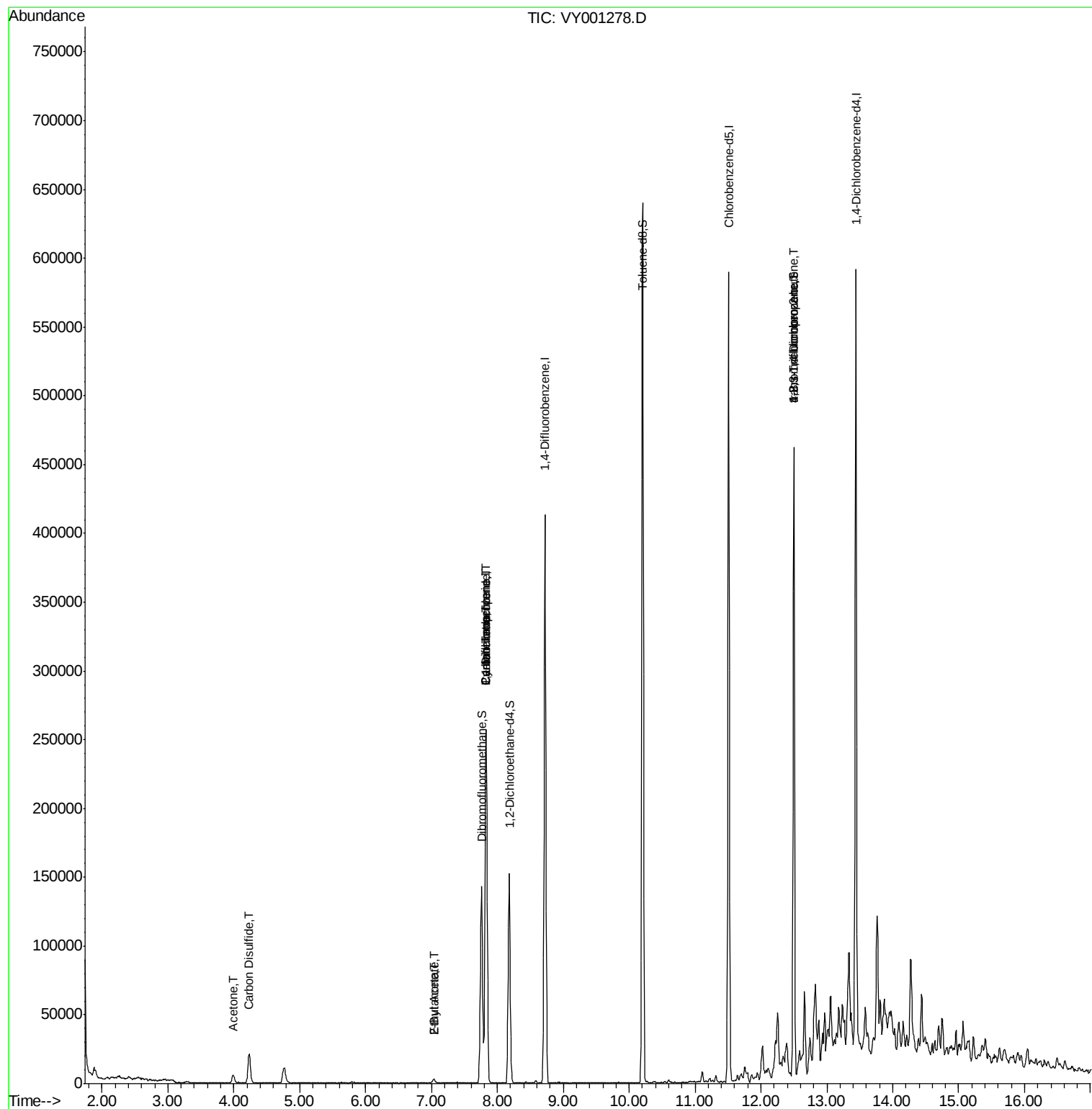
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.99	43	10456	21.53	ug/l	93
17) Carbon Disulfide	4.24	76	43024	6.57	ug/l	100
20) Methylene Chloride	4.77	84	8985	Below Cal	#	92
25) 2-Butanone	7.04	43	3483	4.61	ug/l	92
31) Cyclohexane	7.83	56	4268	1.06	ug/l	# 1
36) 1,1-Dichloropropene	7.83	75	14860	4.56	ug/l	# 49
37) Ethyl Acetate	7.04	43	3483	1.82	ug/l	# 68
38) Carbon Tetrachloride	7.83	117	19474	6.52	ug/l	# 15
76) 1,2,3-Trichloropropane	12.50	75	73470	49.83	ug/l	# 100
81) trans-1,4-Dichloro-2-buten	12.50	75	73470	84.49	ug/l	# 7

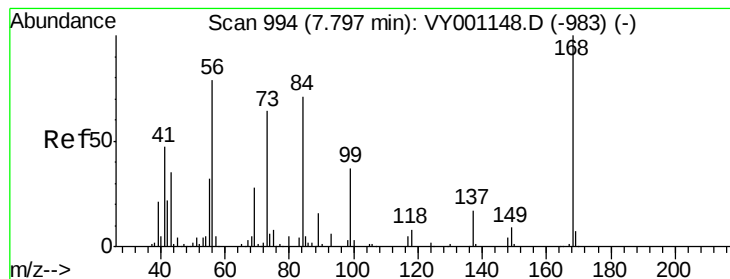
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_Y\DATA\VY011720\
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
TSP-01

Quant Time: Jan 18 03:27:04 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 10 16:01:58 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.03 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

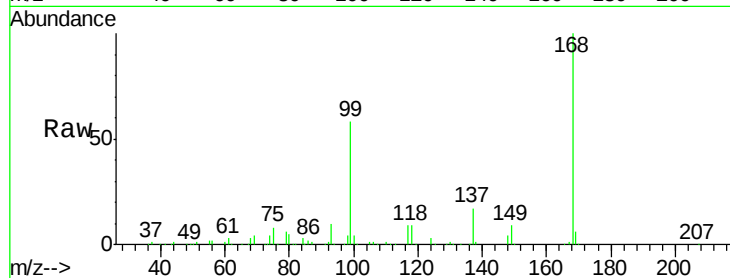
TSP-01

Tgt Ion:168 Resp: 198028

Ion Ratio Lower Upper

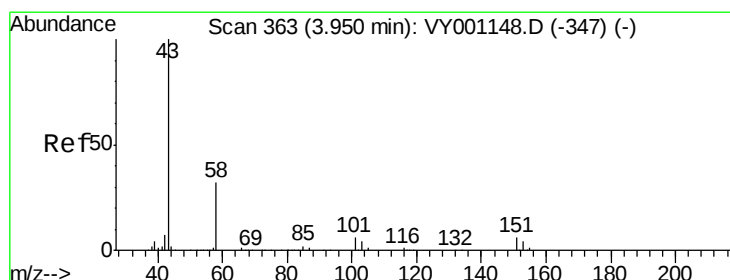
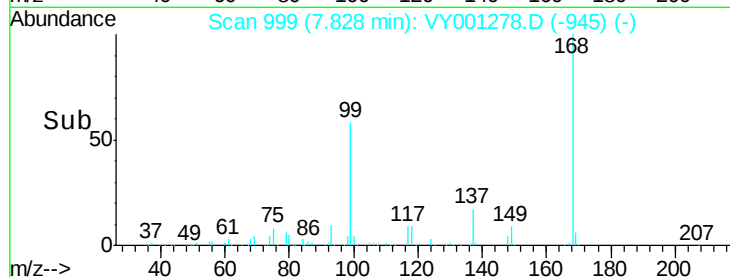
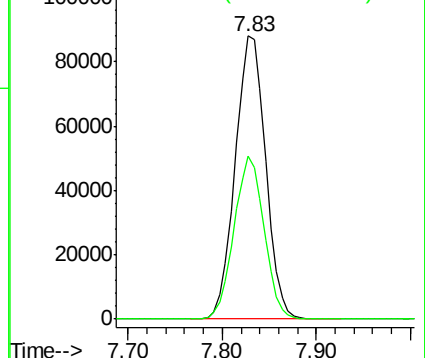
168 100

99 57.7 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001278.D (-945) (-)

Ion 98.90 (98.60 to 99.60): VY001278.D (-945) (-)



#16

Acetone

Concen: 21.53 ug/l

RT: 3.99 min Scan# 370

Delta R.T. 0.04 min

Lab File: VY001278.D

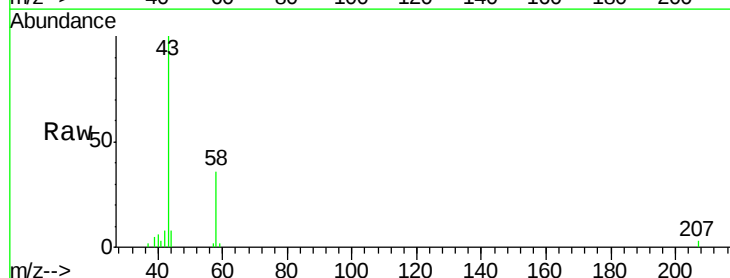
Acq: 17 Jan 2020 20:08

Tgt Ion: 43 Resp: 10456

Ion Ratio Lower Upper

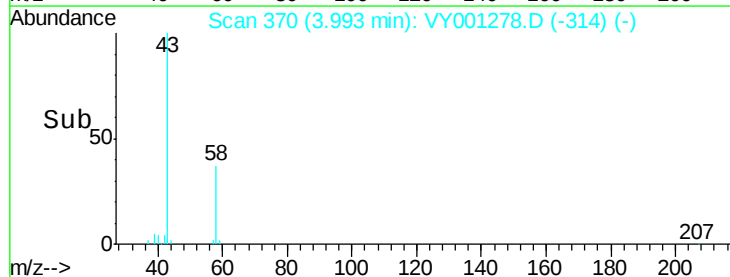
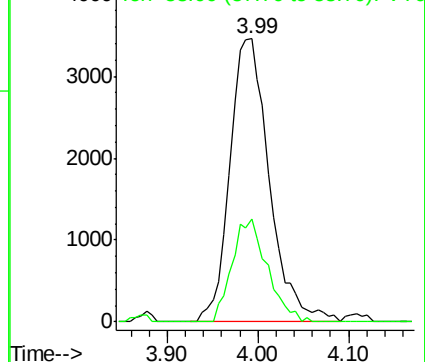
43 100

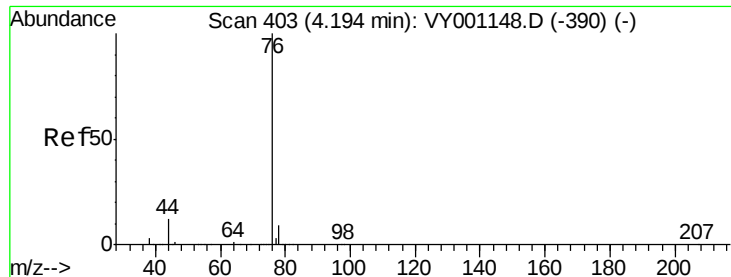
58 36.2 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001278.D (-314) (-)

Ion 58.00 (57.70 to 58.70): VY001278.D (-314) (-)

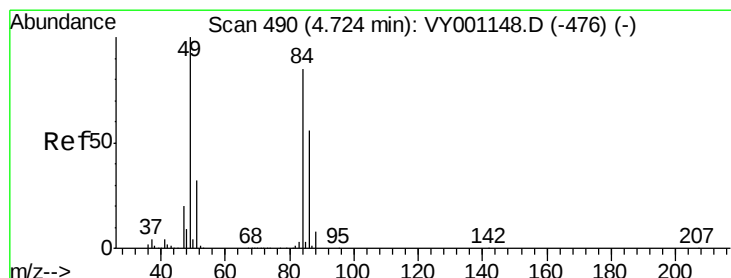
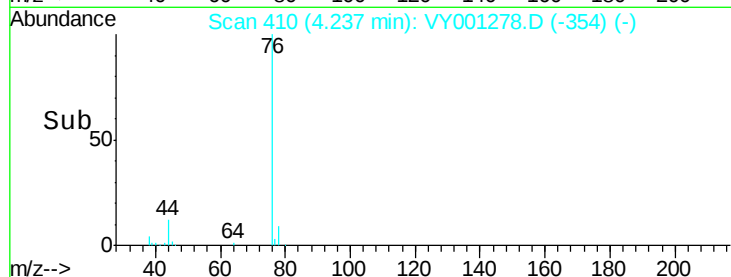
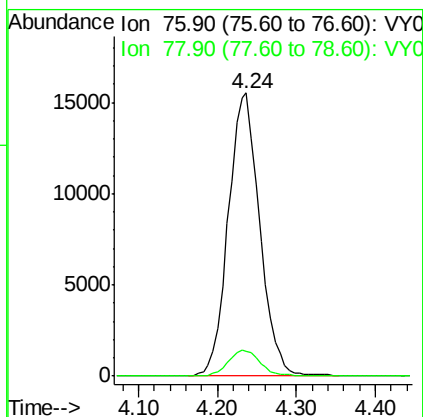
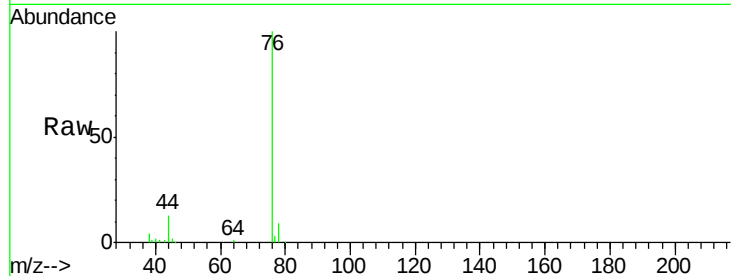




#17
Carbon Disulfide
Concen: 6.57 ug/l
RT: 4.24 min Scan# 410
Delta R.T. 0.04 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

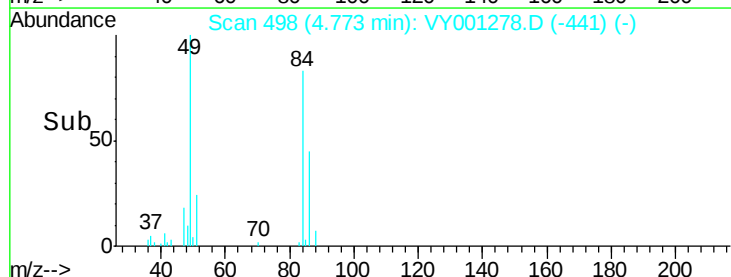
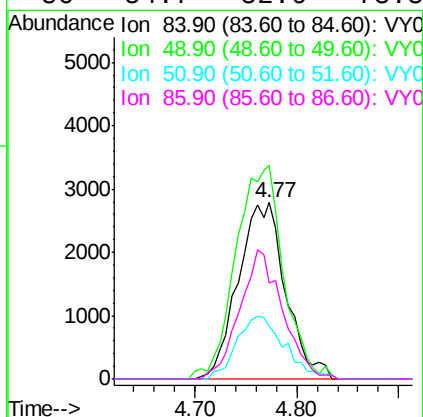
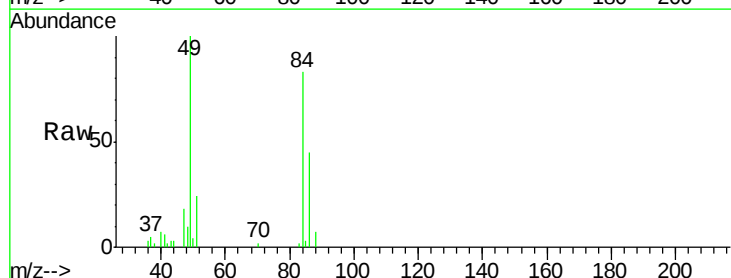
Instrument :
MSVOA_Y
ClientSampleId :
TSP-01

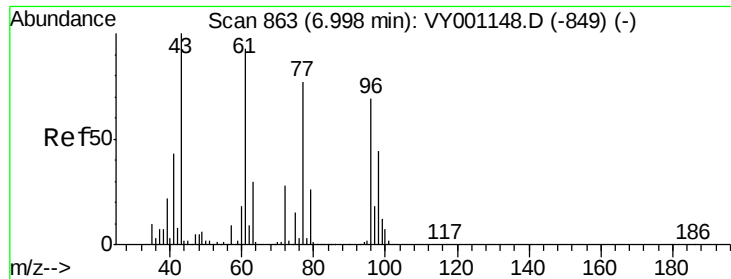
Tgt Ion: 76 Resp: 43024
Ion Ratio Lower Upper
76 100
78 9.0 7.2 10.8



#20
Methylene Chloride
Concen: Below Cal
RT: 4.77 min Scan# 498
Delta R.T. 0.05 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

Tgt Ion: 84 Resp: 8985
Ion Ratio Lower Upper
84 100
49 121.0 93.8 140.6
51 29.6 29.9 44.9#
86 54.7 52.6 78.8

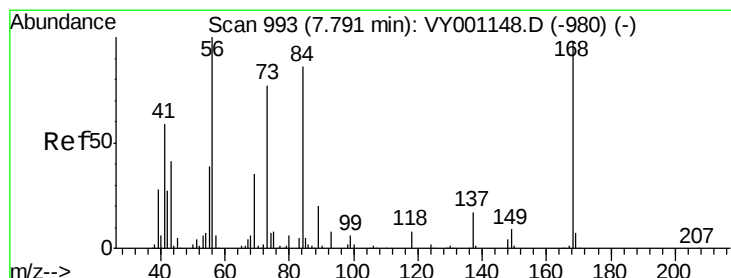
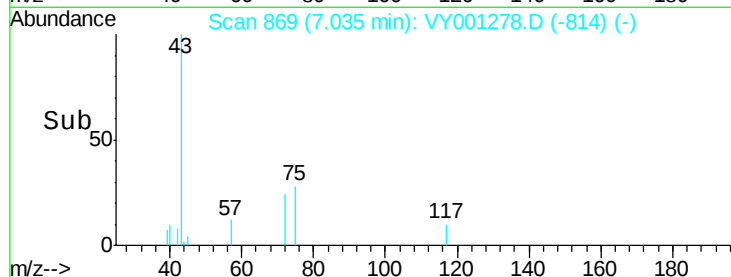
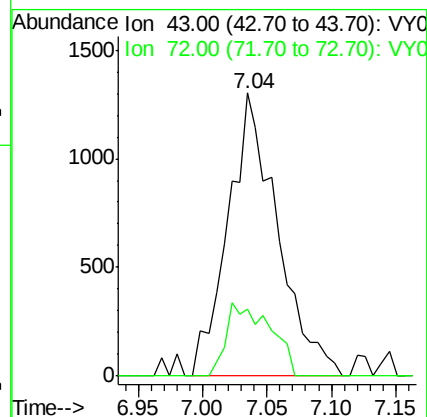
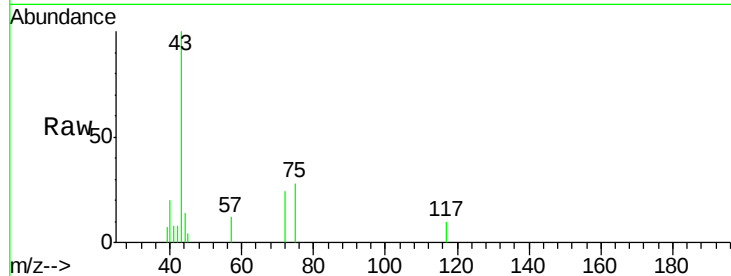




#25
2-Butanone
Concen: 4.61 ug/l
RT: 7.04 min Scan# 869
Delta R.T. 0.04 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

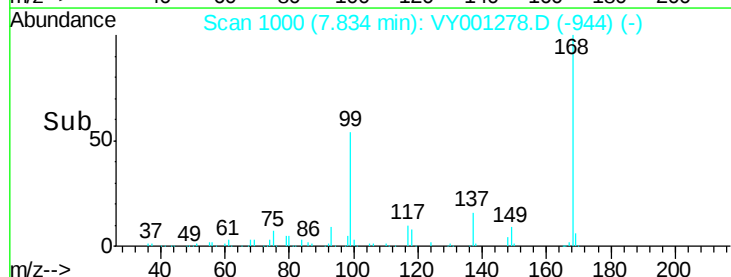
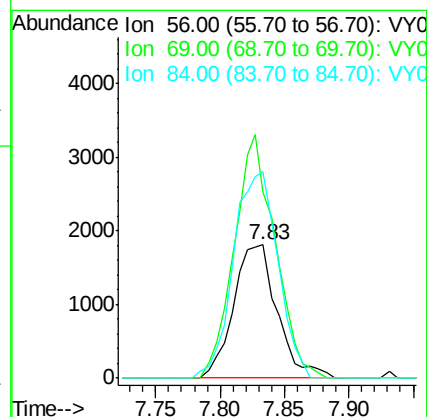
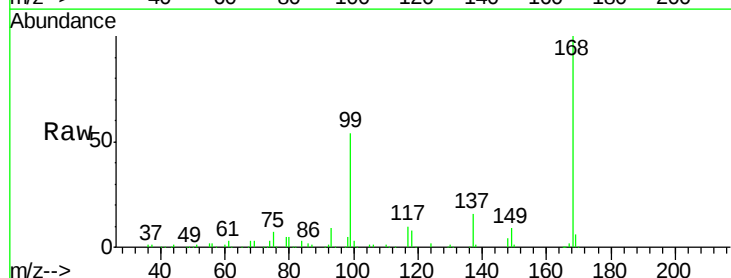
Instrument :
MSVOA_Y
ClientSampled :
TSP-01

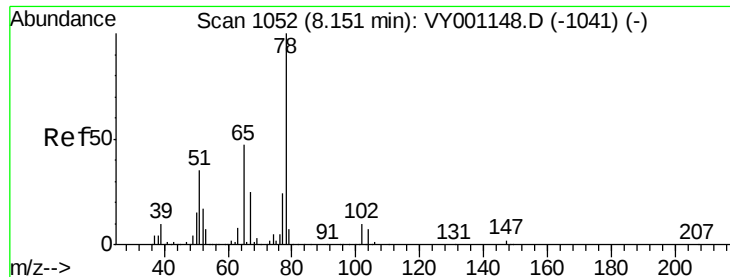
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
72 23.5 22.2 33.2



#31
Cyclohexane
Concen: 1.06 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. 0.04 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

Tgt Ion: 56 Resp: 4268
Ion Ratio Lower Upper
56 100
69 139.5 27.8 41.8#
84 155.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.16 ug/l

RT: 8.18 min Scan# 1057

Delta R.T. 0.03 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

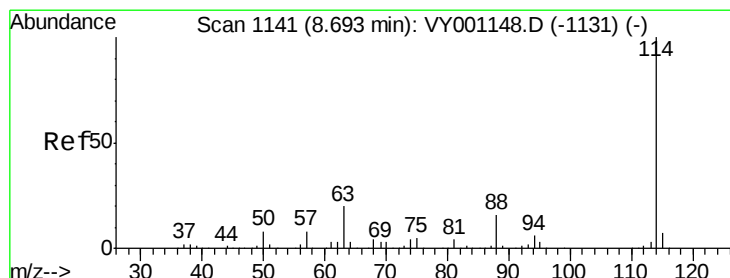
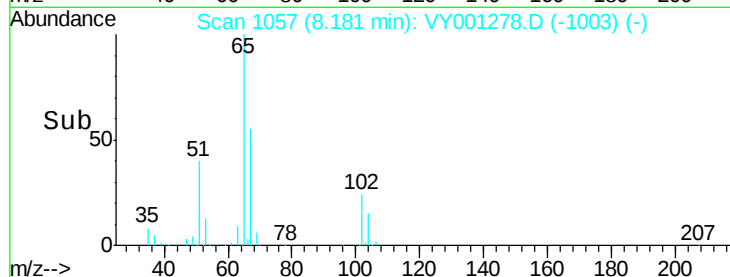
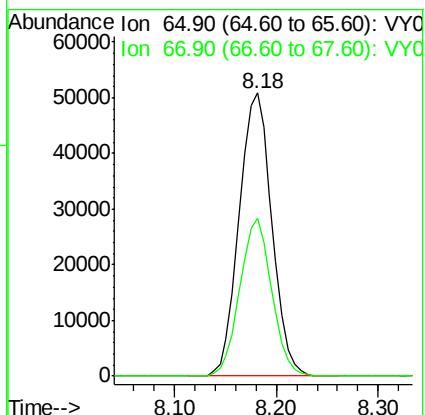
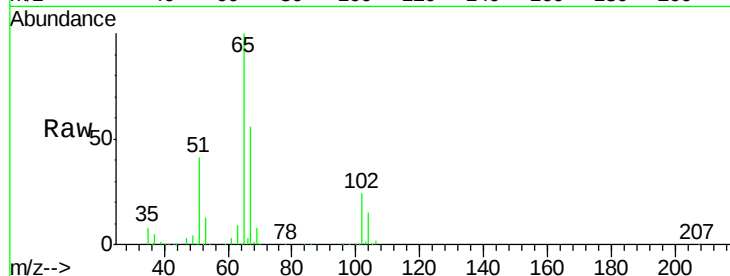
TSP-01

Tgt Ion: 65 Resp: 113270

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.72 min Scan# 1146

Delta R.T. 0.03 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

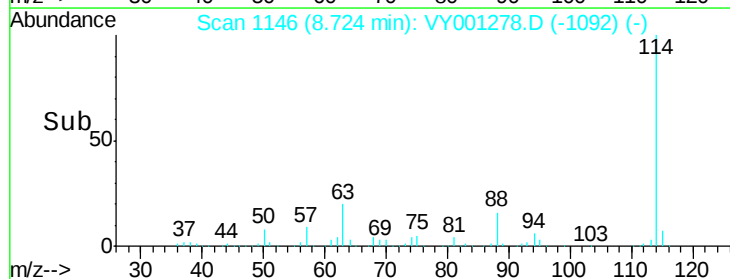
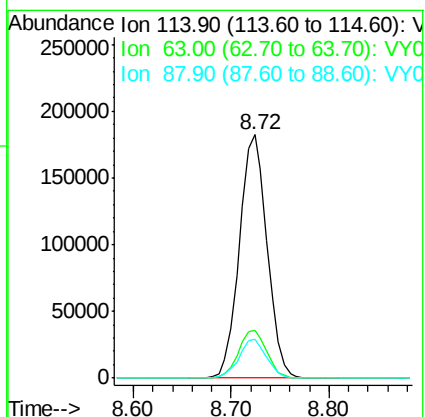
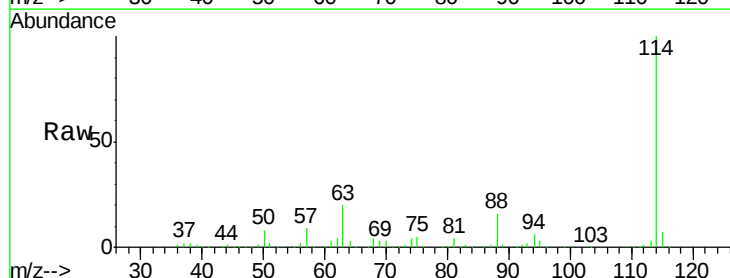
Tgt Ion: 114 Resp: 357550

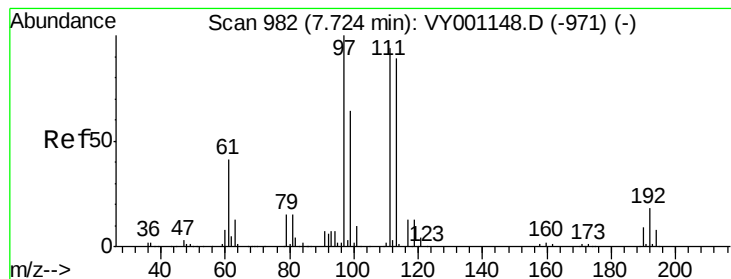
Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

88 15.9 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.65 ug/l

RT: 7.76 min Scan# 988

Delta R.T. 0.04 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

TSP-01

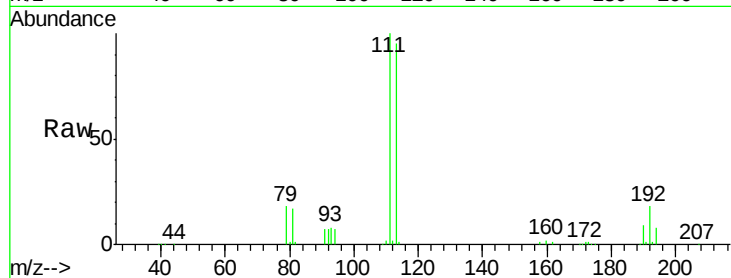
Tgt Ion:113 Resp: 103946

Ion Ratio Lower Upper

113 100

111 102.5 82.9 124.3

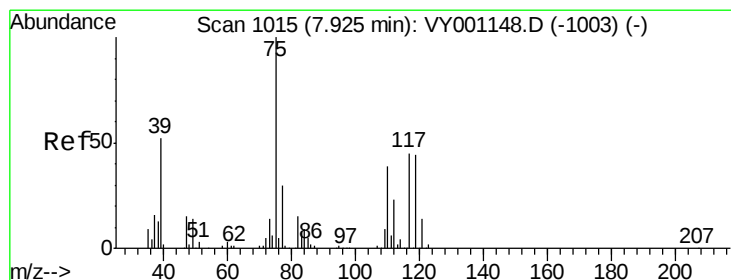
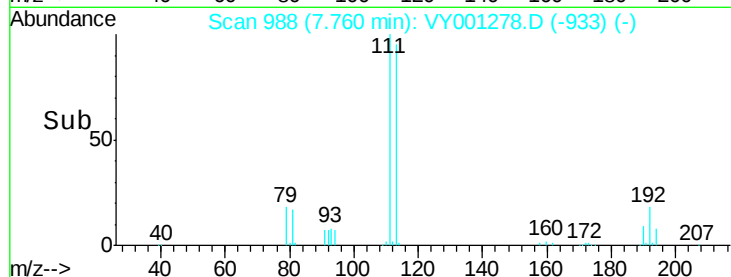
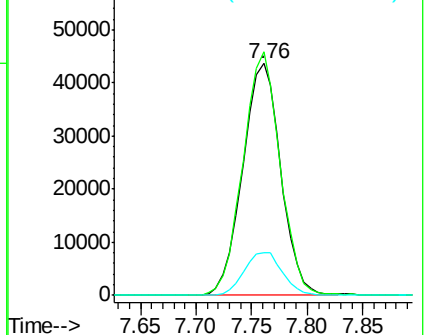
192 18.8 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 4.56 ug/l

RT: 7.83 min Scan# 999

Delta R.T. -0.10 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

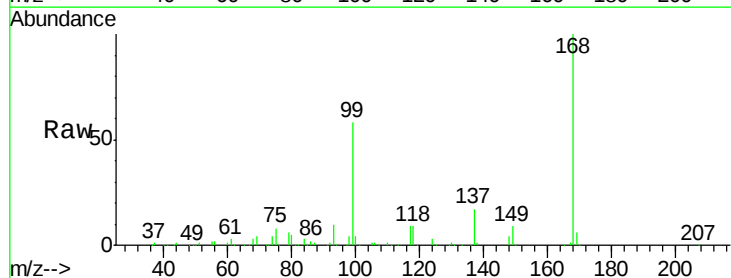
Tgt Ion: 75 Resp: 14860

Ion Ratio Lower Upper

75 100

110 9.5 18.3 54.8#

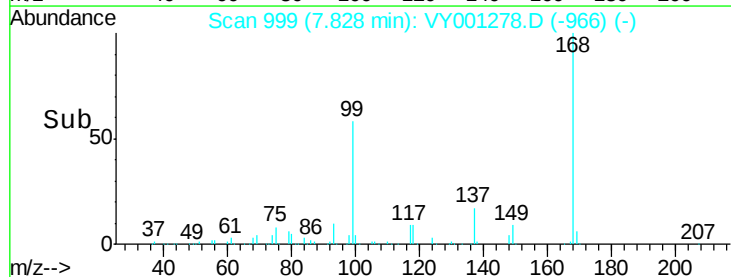
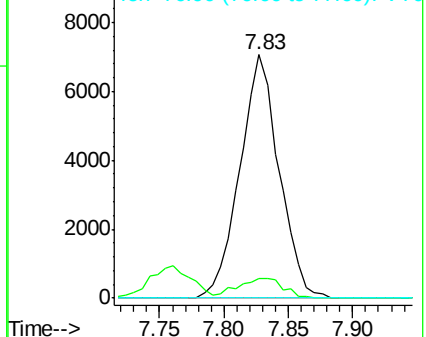
77 0.0 25.1 37.7#

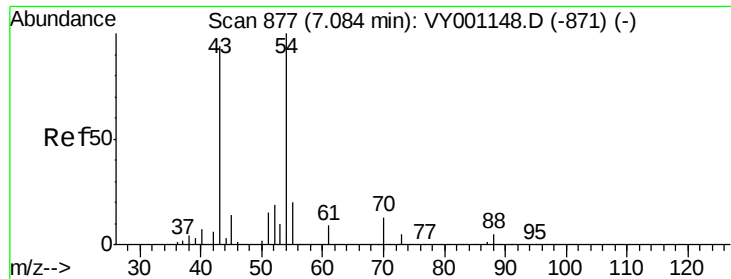


Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VY0

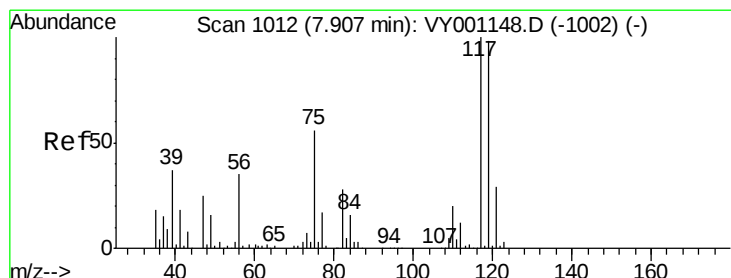
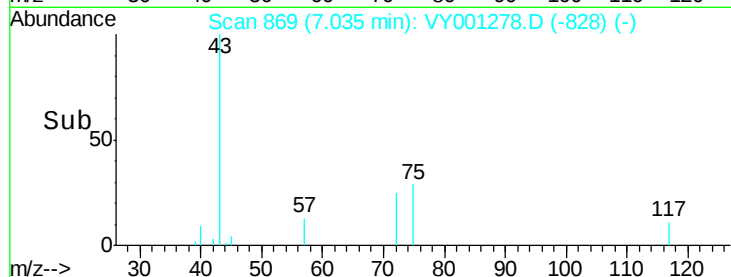
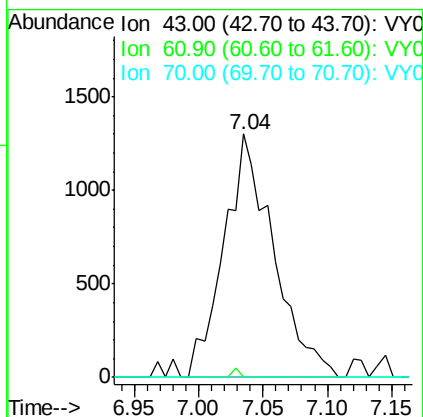
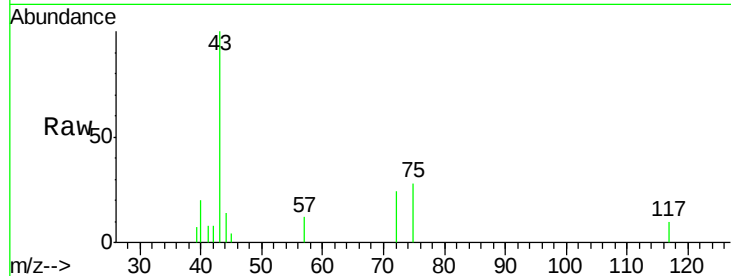




#37
Ethyl Acetate
Concen: 1.82 ug/l
RT: 7.04 min Scan# 869
Delta R.T. -0.05 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

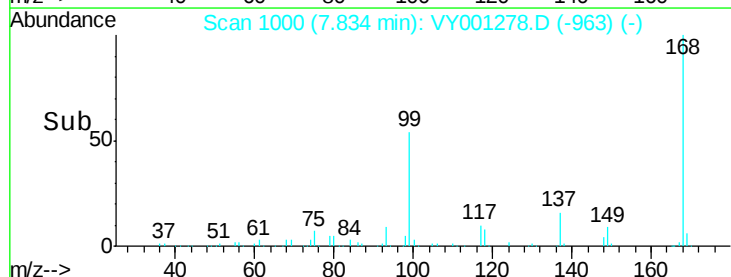
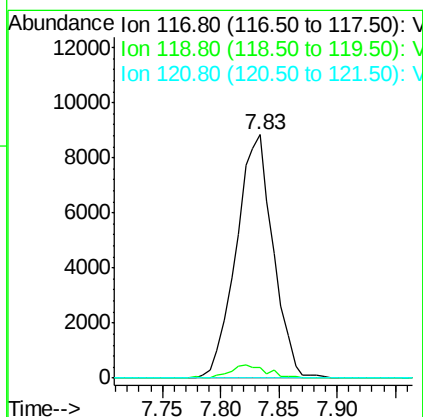
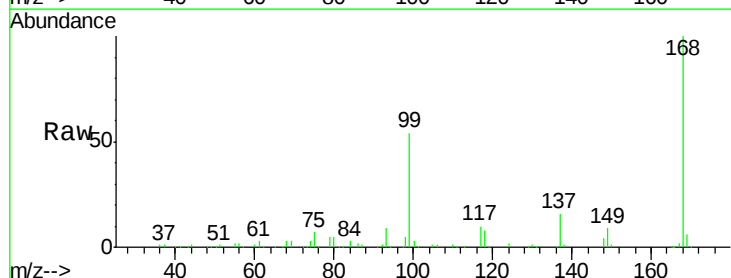
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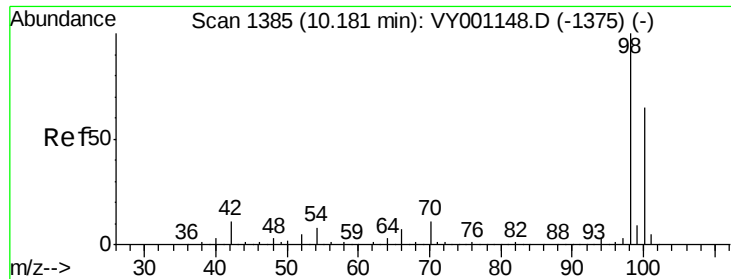
Tgt Ion: 43 Resp: 3483
Ion Ratio Lower Upper
43 100
61 0.5 11.1 16.7#
70 0.0 9.7 14.5#



#38
Carbon Tetrachloride
Concen: 6.52 ug/l
RT: 7.83 min Scan# 1000
Delta R.T. -0.07 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

Tgt Ion: 117 Resp: 19474
Ion Ratio Lower Upper
117 100
119 4.3 78.3 117.5#
121 0.0 23.5 35.3#





#50

Toluene-d8

Concen: 51.96 ug/l

RT: 10.21 min Scan# 1389

Delta R.T. 0.02 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

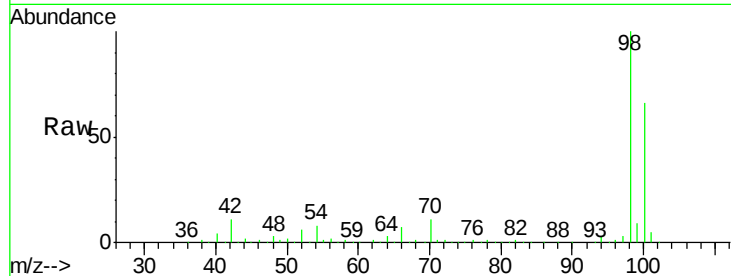
TSP-01

Tgt Ion: 98 Resp: 419132

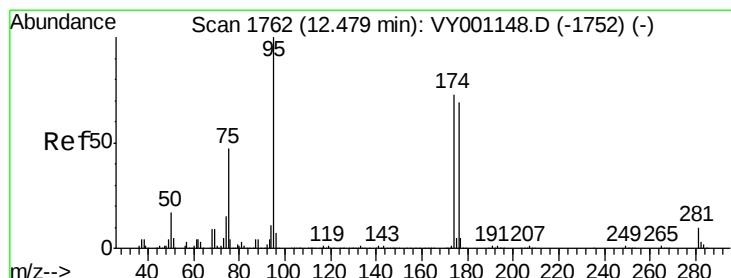
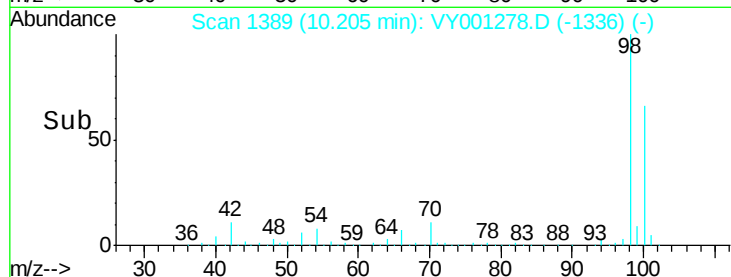
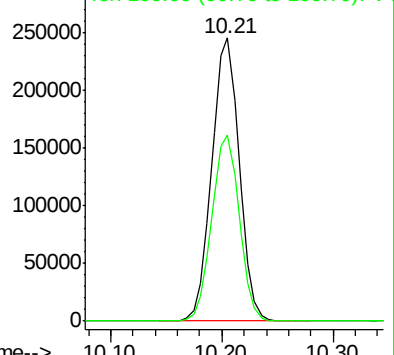
Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY001148.D (-1375) (-)



#62

4-Bromofluorobenzene

Concen: 45.02 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.02 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

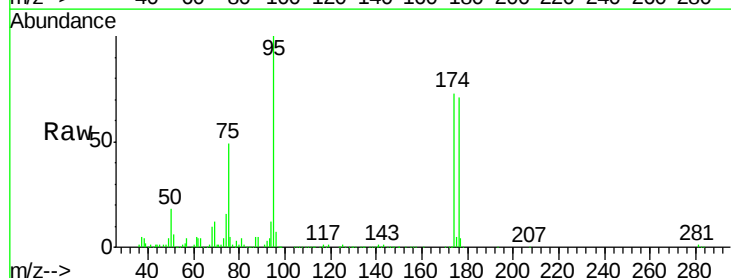
Tgt Ion: 95 Resp: 148452

Ion Ratio Lower Upper

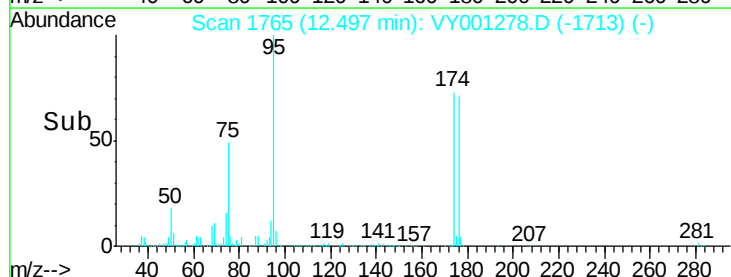
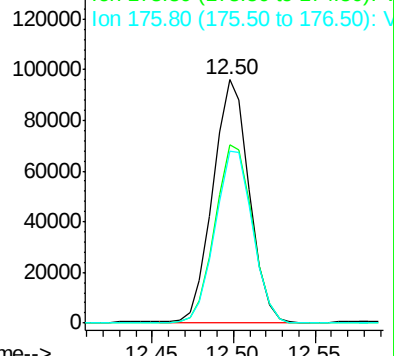
95 100

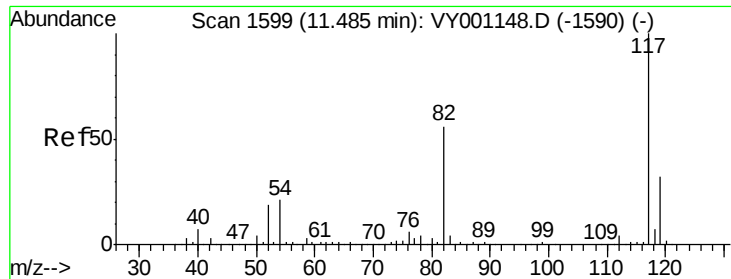
174 75.6 0.0 143.2

176 73.4 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY001148.D (-1752) (-)

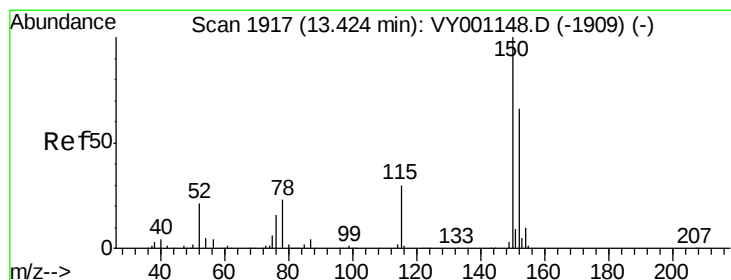
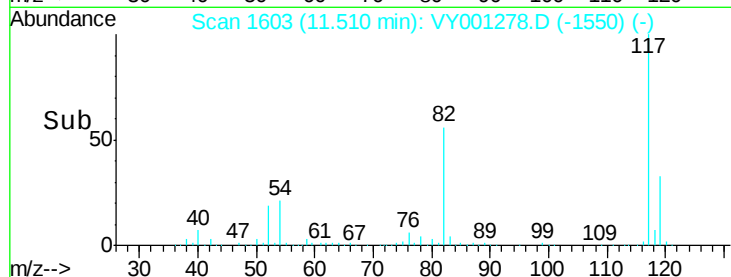
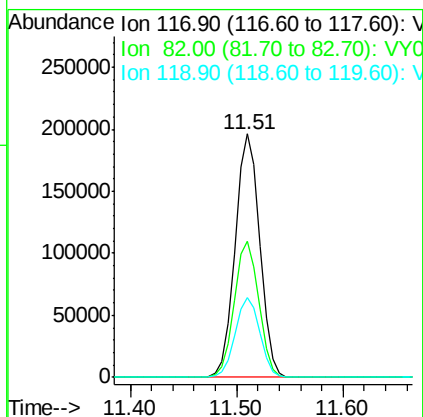
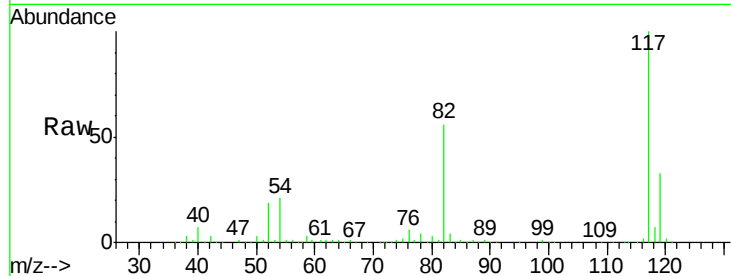




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.51 min Scan# 1603
Delta R.T. 0.02 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

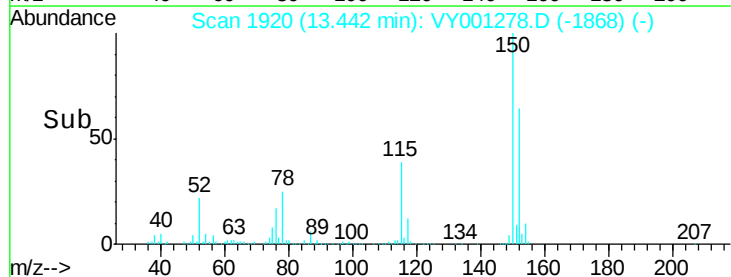
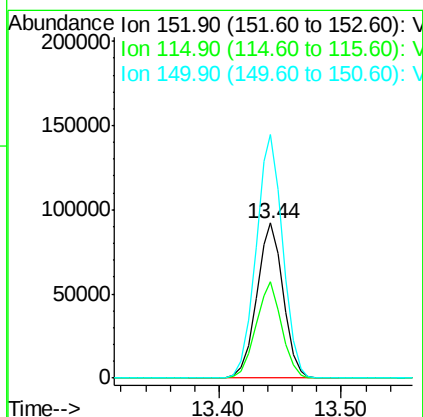
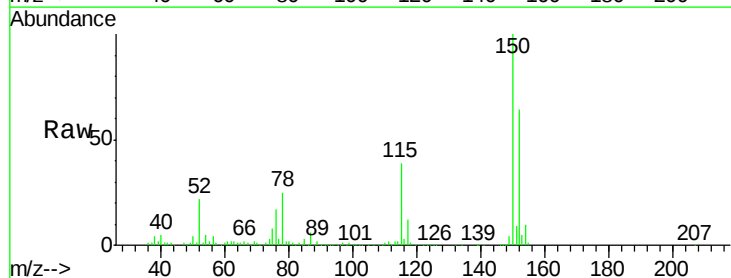
Instrument :
MSVOA_Y
ClientSampled :
TSP-01

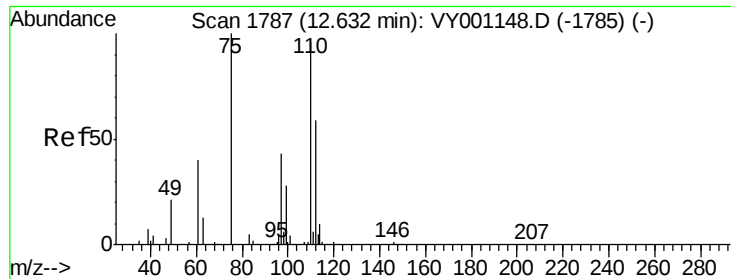
Tgt Ion:117 Resp: 318341
Ion Ratio Lower Upper
117 100
82 55.7 44.9 67.3
119 32.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.02 min
Lab File: VY001278.D
Acq: 17 Jan 2020 20:08

Tgt Ion:152 Resp: 137743
Ion Ratio Lower Upper
152 100
115 60.5 30.9 92.5
150 158.5 0.0 346.8





#76

1,2,3-Trichloropropane

Concen: 49.83 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. -0.13 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

Instrument :

MSVOA_Y

ClientSampleId :

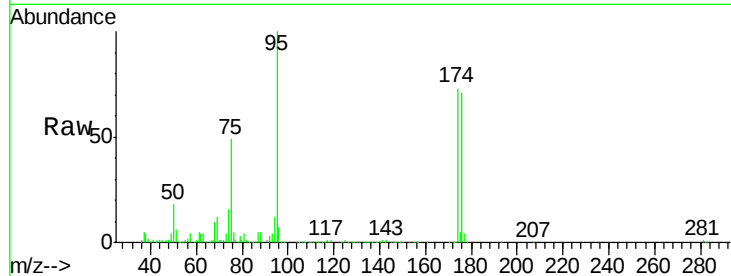
TSP-01

Tgt Ion: 75 Resp: 73470

Ion Ratio Lower Upper

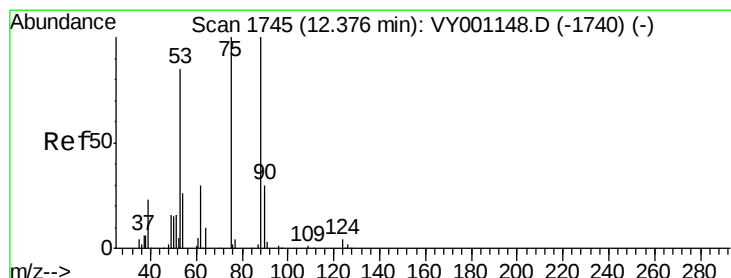
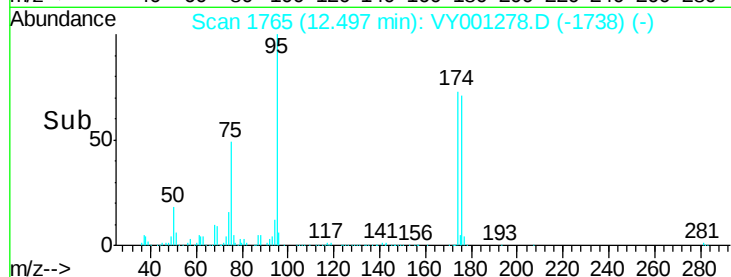
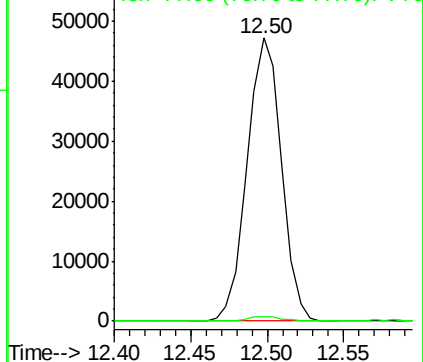
75 100

77 1.9 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: 84.49 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.12 min

Lab File: VY001278.D

Acq: 17 Jan 2020 20:08

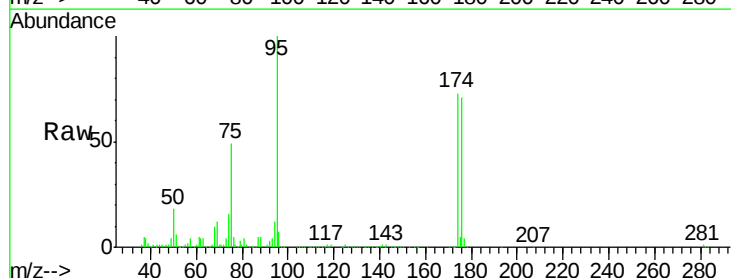
Tgt Ion: 75 Resp: 73470

Ion Ratio Lower Upper

75 100

53 0.9 69.4 104.2#

89 0.0 0.0 0.0



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

