

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092420\
 Data File : VX018567.D
 Acq On : 24 Sep 2020 13:17
 Operator : JC/SP
 Sample : L4118-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20200918

Quant Time: Sep 25 17:26:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	452887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	724846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	717760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	351406	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	323961	50.57	ug/l	0.00
Spiked Amount			Recovery	=	101.14%	
35) Dibromofluoromethane	5.46	113	251682	50.23	ug/l	0.00
Spiked Amount			Recovery	=	100.46%	
50) Toluene-d8	8.70	98	902901	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
62) 4-Bromofluorobenzene	11.12	95	333069	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	

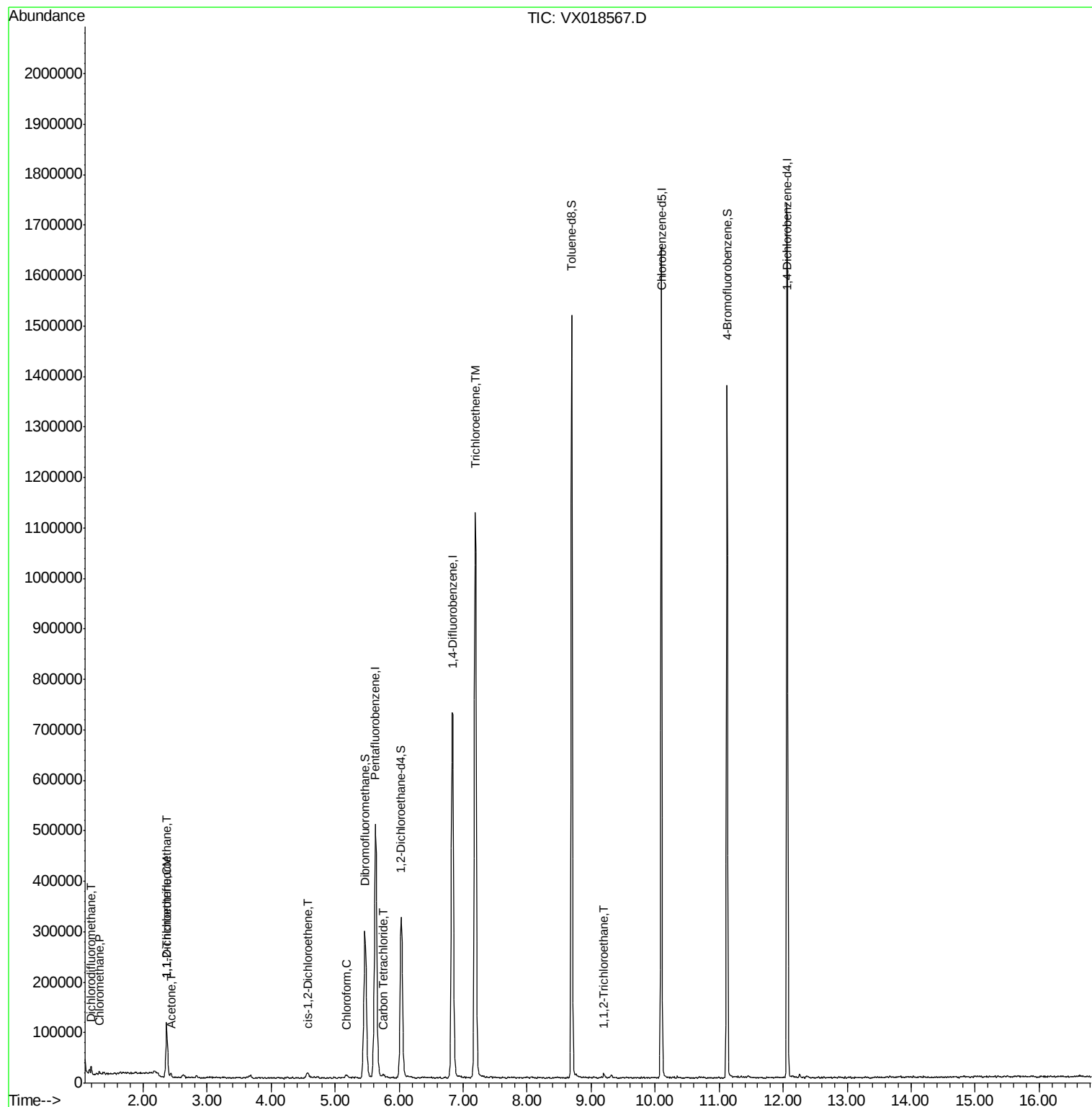
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	6364	1.482	ug/l	93
3) Chloromethane	1.31	50	4198	0.835	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	36277	8.337	ug/l	95
12) 1,1-Dichloroethene	2.36	96	6995	1.595	ug/l	92
16) Acetone	2.43	43	7401	3.021	ug/l	92
27) cis-1,2-Dichloroethene	4.57	96	7453	1.305	ug/l	82
30) Chloroform	5.18	83	7754	0.829	ug/l #	74
38) Carbon Tetrachloride	5.75	117	4450	0.571	ug/l #	72
44) Trichloroethene	7.19	130	436169	74.728	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	2079	0.395	ug/l #	80

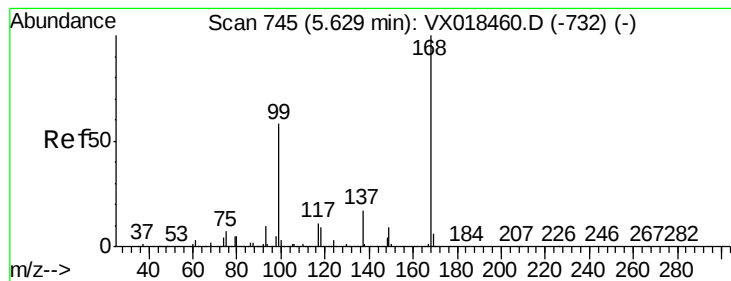
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 17 12:17:36 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

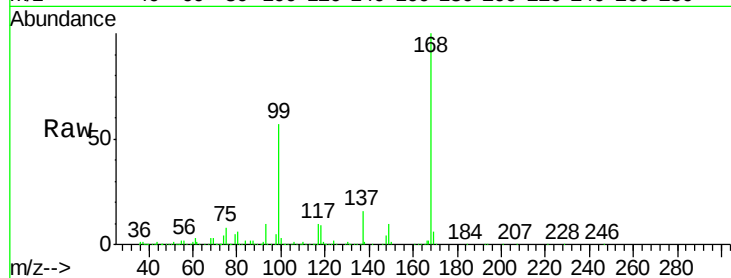
RE132D5-20200918

Tot Ion:168 Resp: 452887

Ion Ratio Lower Upper

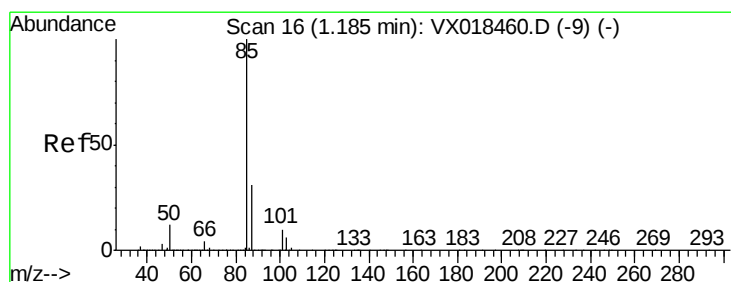
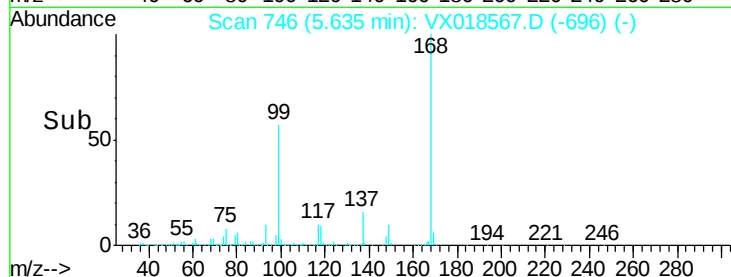
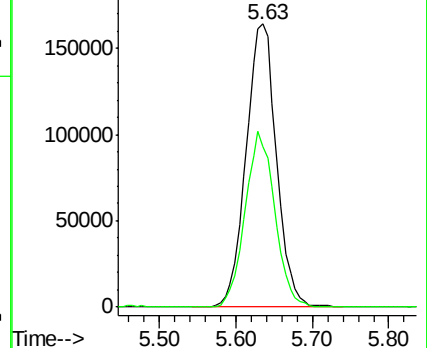
168 100

99 56.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 1.482 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX018567.D

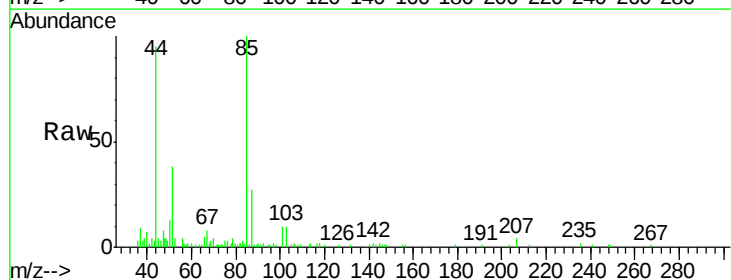
Acq: 24 Sep 2020 13:17

Tgt Ion: 85 Resp: 6364

Ion Ratio Lower Upper

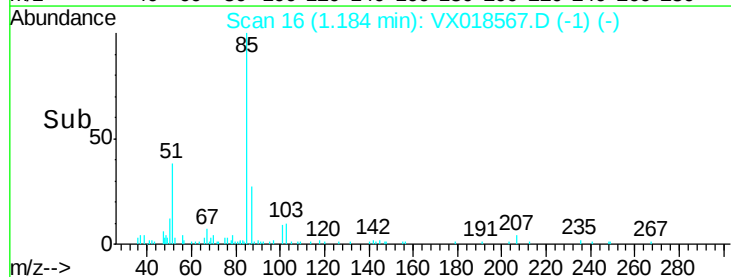
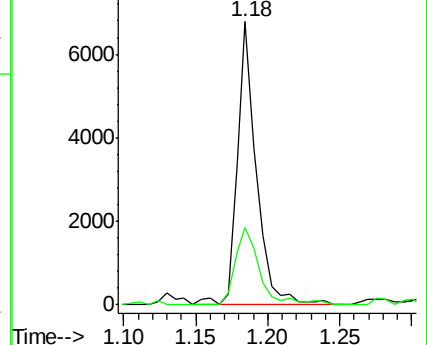
85 100

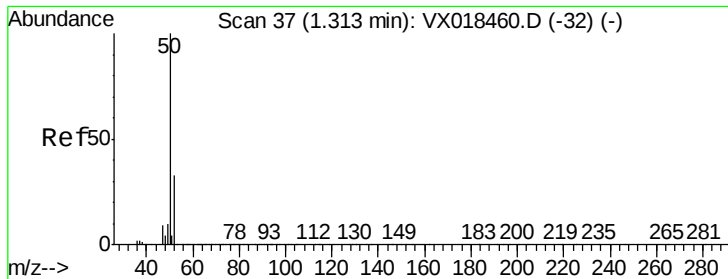
87 27.5 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 0.835 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

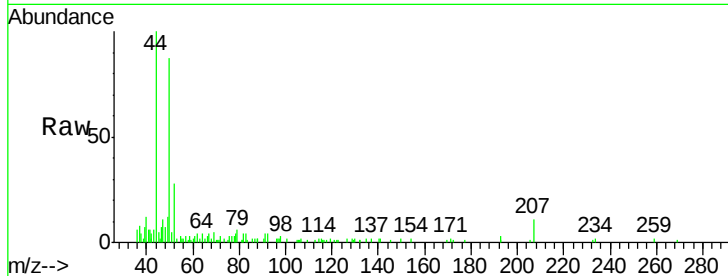
RE132D5-20200918

Tot Ion: 50 Resp: 4198

Ion Ratio Lower Upper

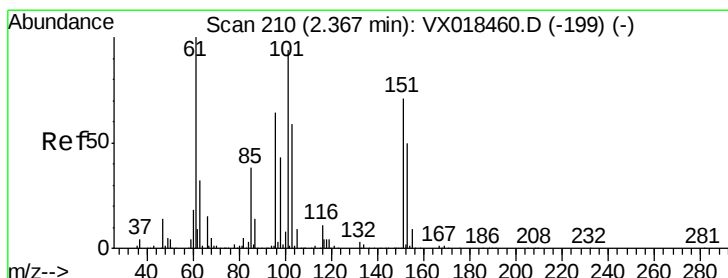
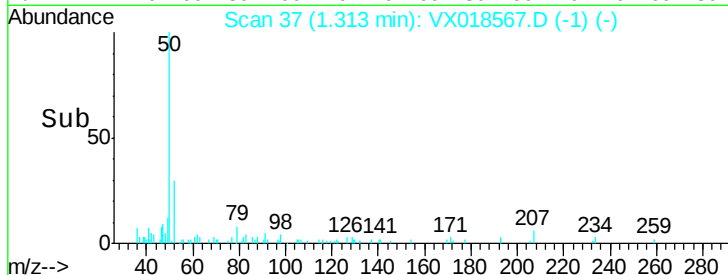
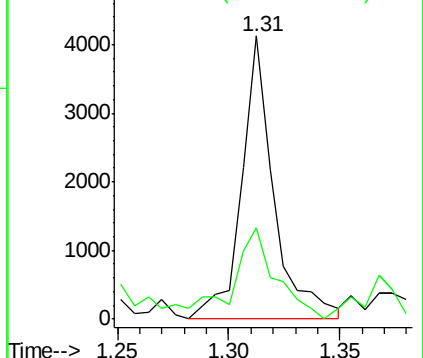
50 100

52 28.4 26.6 40.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#9

1,1,2-Trichlorotrifluoroethane

Concen: 8.337 ug/l

RT: 2.37 min Scan# 211

Delta R.T. 0.01 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

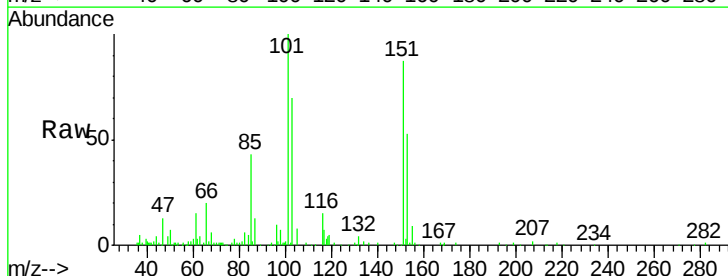
Tgt Ion: 101 Resp: 36277

Ion Ratio Lower Upper

101 100

85 46.5 34.7 52.1

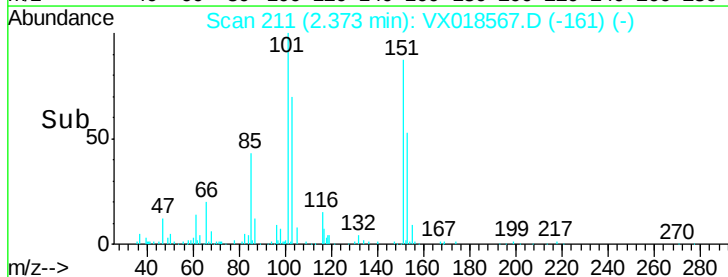
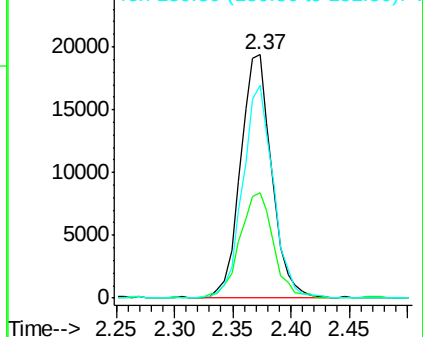
151 85.5 64.9 97.3

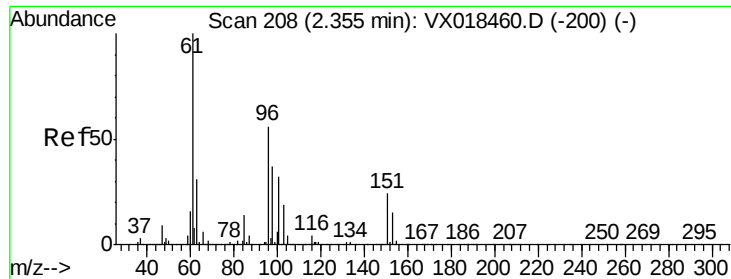


Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V





#12

1,1-Dichloroethene

Concen: 1.595 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

RE132D5-20200918

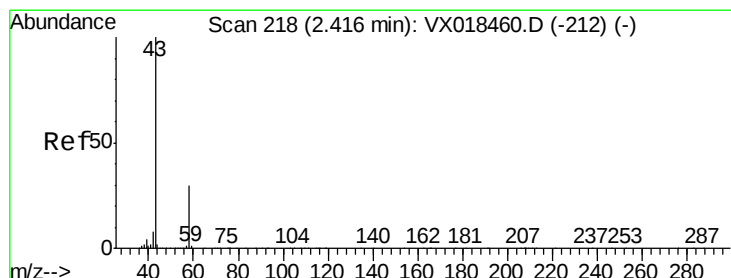
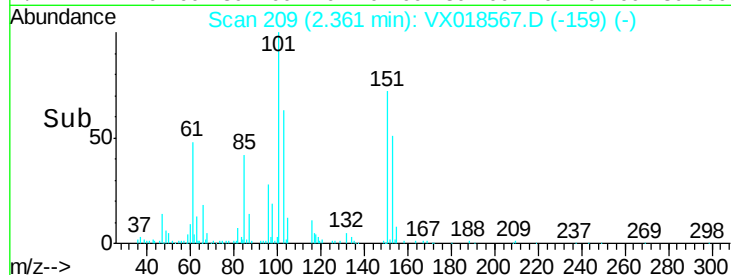
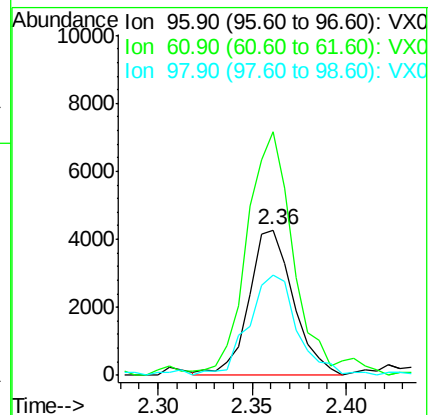
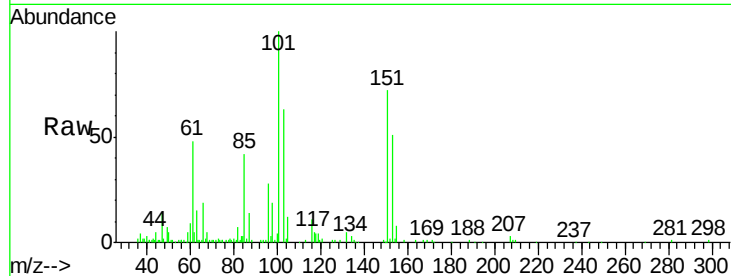
Tot Ion: 96 Resp: 6995

Ion Ratio Lower Upper

96 100

61 165.2 142.2 213.4

98 68.7 52.4 78.6



#16

Acetone

Concen: 3.021 ug/l

RT: 2.43 min Scan# 220

Delta R.T. 0.01 min

Lab File: VX018567.D

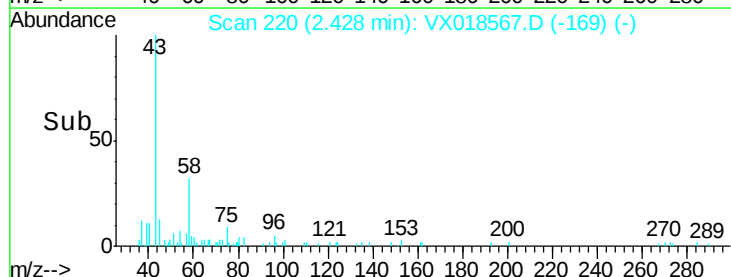
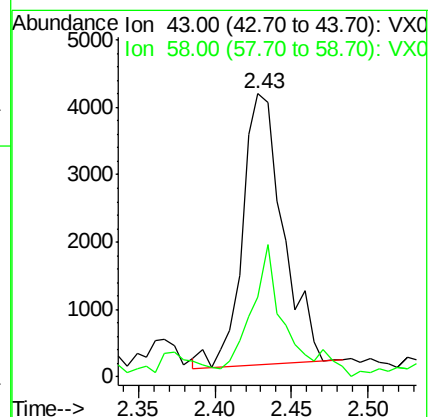
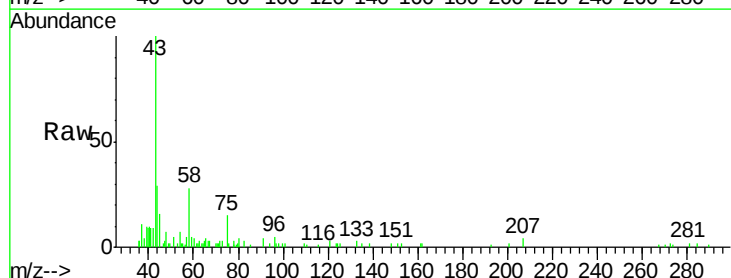
Acq: 24 Sep 2020 13:17

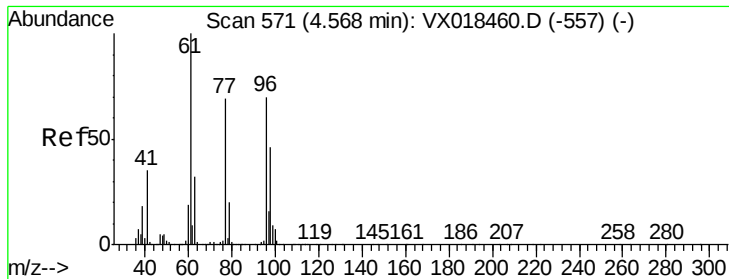
Tgt Ion: 43 Resp: 7401

Ion Ratio Lower Upper

43 100

58 25.9 24.0 36.0



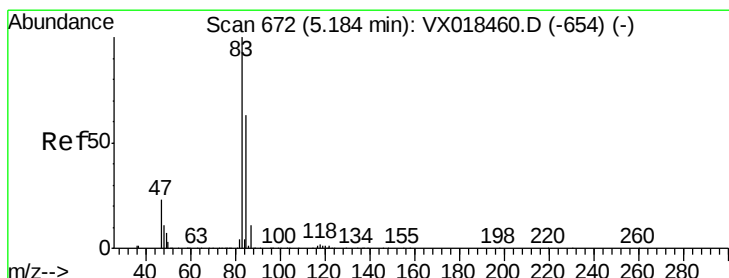
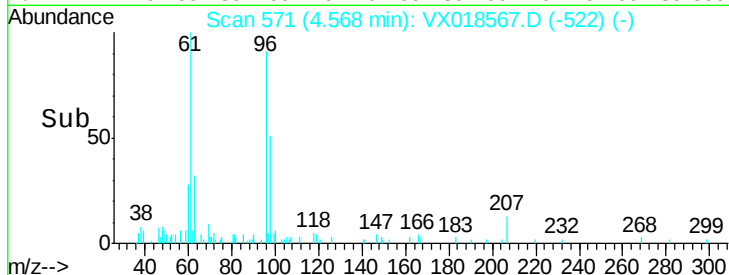
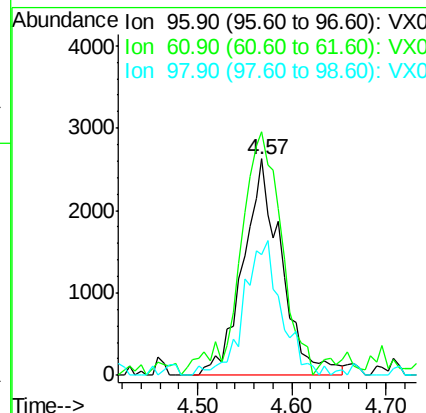
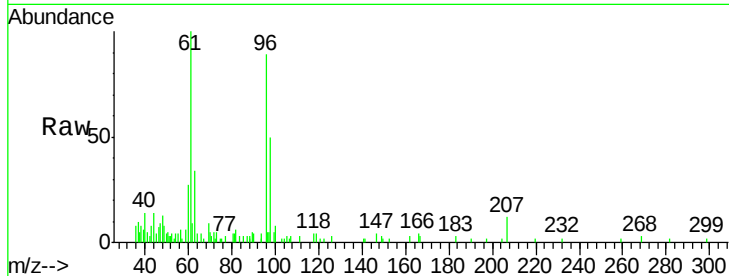


#27

cis-1,2-Dichloroethene
 Concen: 1.305 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20200918

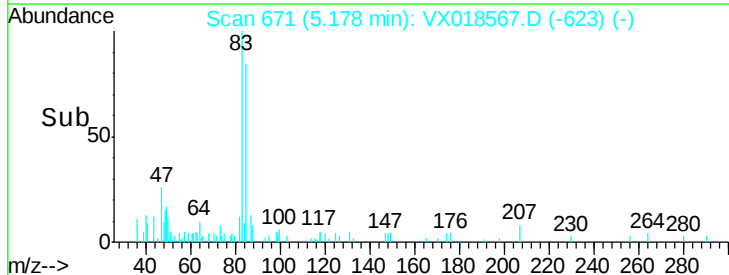
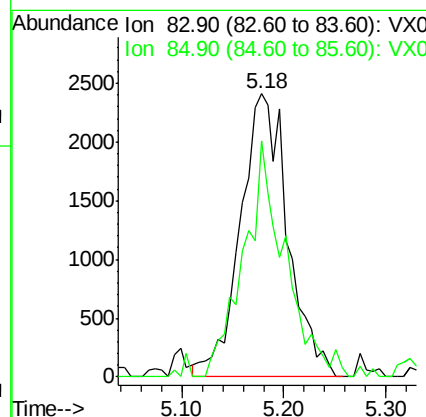
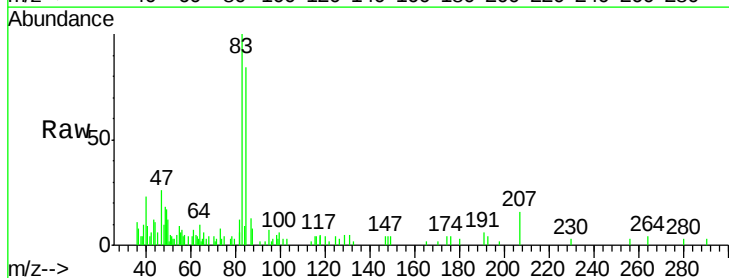
Tot Ion	96	Resp	7453
Ion	Ratio	Lower	Upper
96	100		
61	120.8	0.0	300.0
98	60.4	0.0	130.4

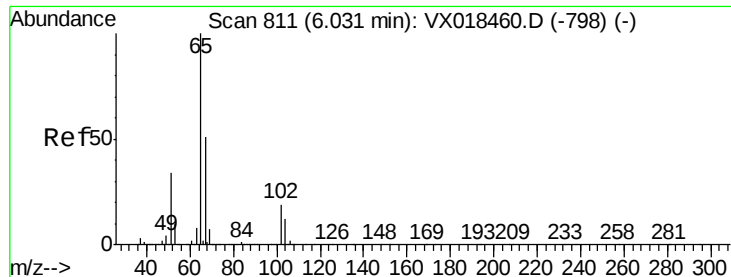


#30

Chloroform
 Concen: 0.829 ug/l
 RT: 5.18 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

Tgt Ion	83	Resp	7754
Ion	Ratio	Lower	Upper
83	100		
85	83.5	50.6	76.0#





#33

1,2-Dichloroethane-d4

Concen: 50.565 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

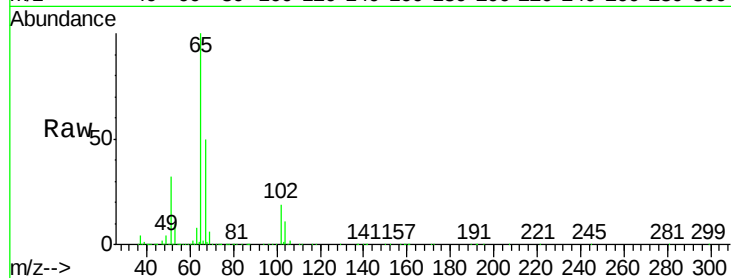
RE132D5-20200918

Tot Ion: 65 Resp: 323961

Ion Ratio Lower Upper

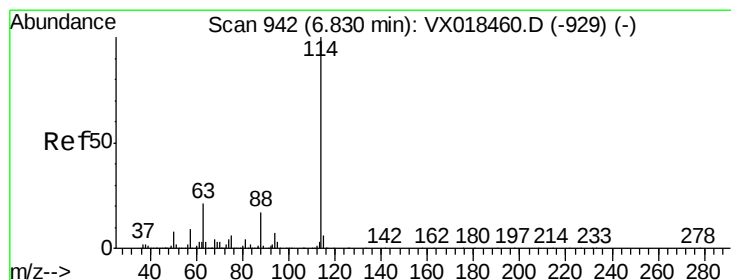
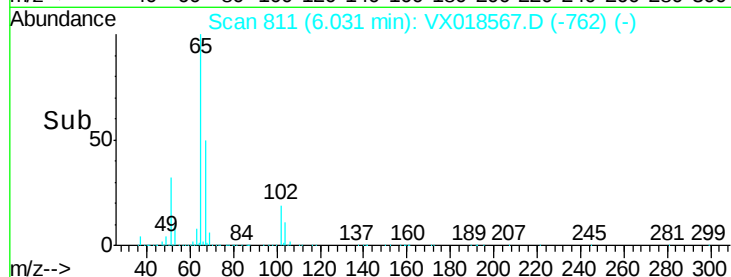
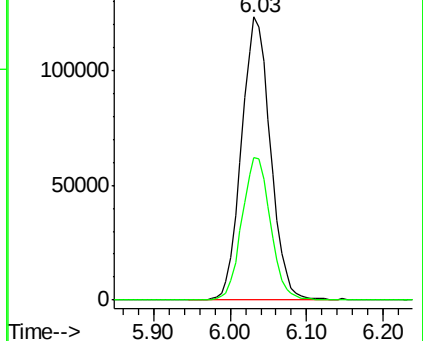
65 100

67 50.0 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

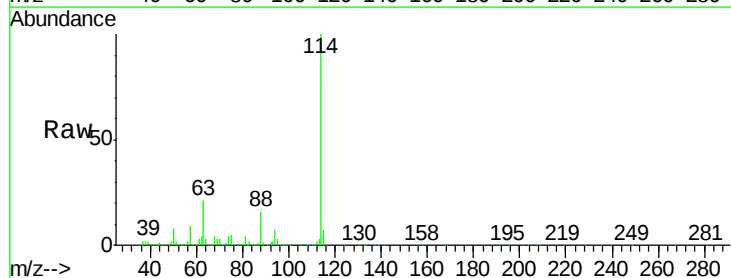
Tgt Ion: 114 Resp: 724846

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

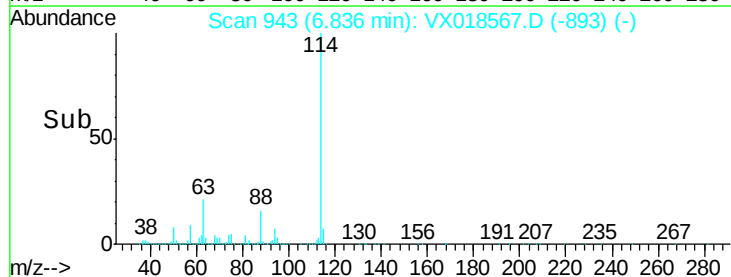
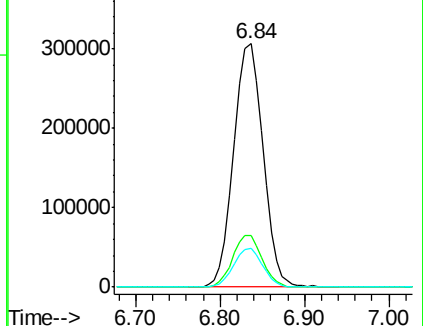
88 15.8 0.0 33.6

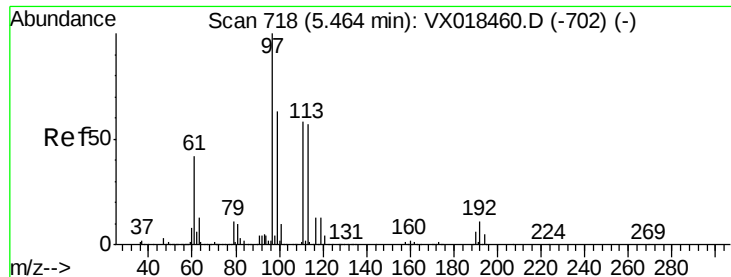


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

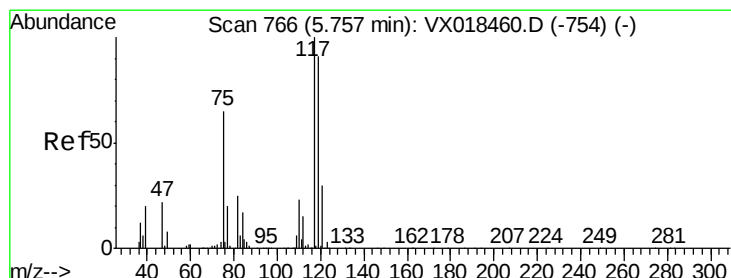
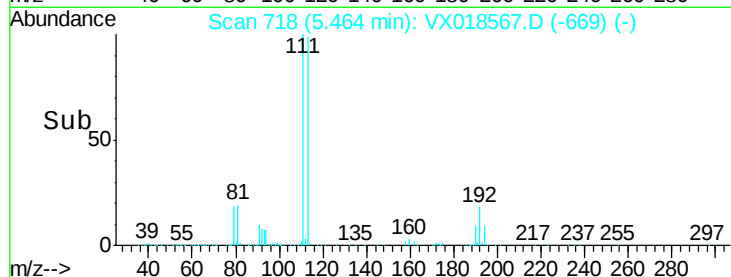
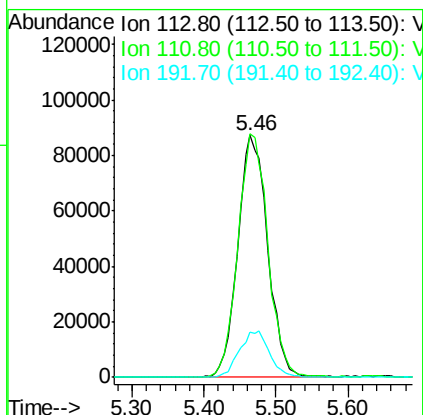
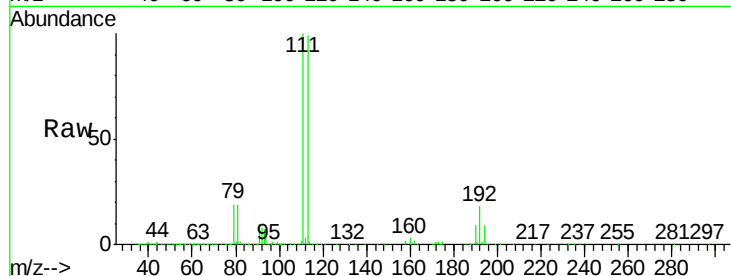




#35
 Dibromofluoromethane
 Concen: 50.226 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

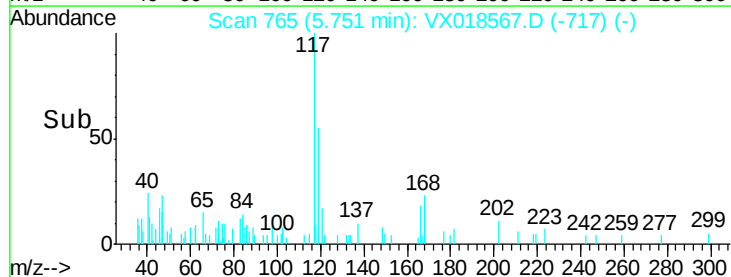
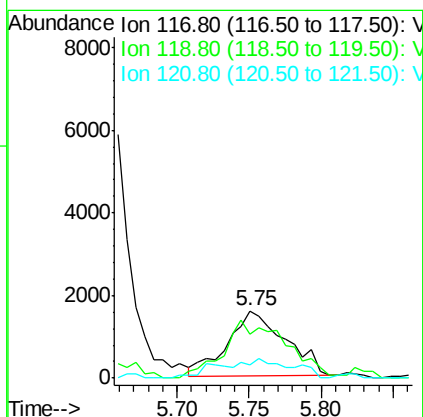
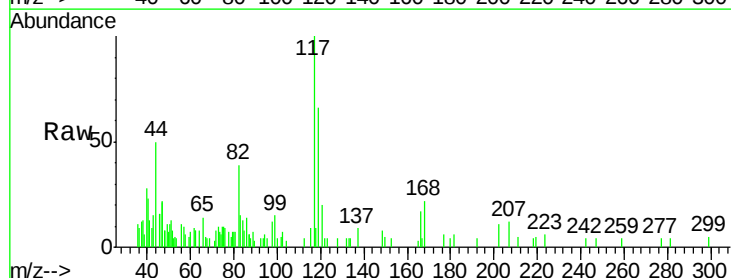
Instrument :
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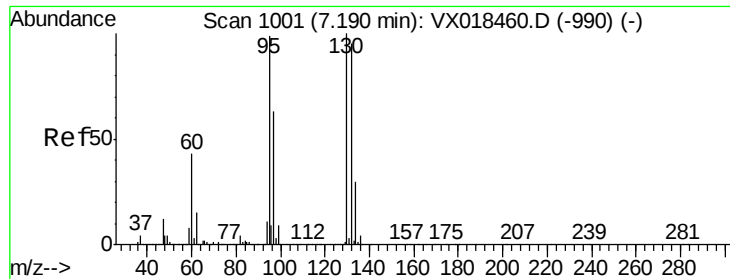
Tot Ion	Ratio	Lower	Upper
113	100		
111	100.8	81.4	122.2
192	19.4	16.6	24.8



#38
 Carbon Tetrachloride
 Concen: 0.571 ug/l
 RT: 5.75 min Scan# 765
 Delta R.T. -0.01 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	63.7	72.3	108.5#
121	16.0	23.8	35.8#





#44

Trichloroethene

Concen: 74.728 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX018567.D

Acq: 24 Sep 2020 13:17

Instrument :

MSVOA_X

ClientSampleId :

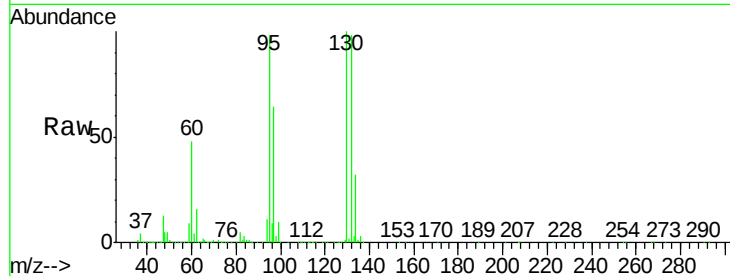
RE132D5-20200918

Tot Ion:130 Resp: 436169

Ion Ratio Lower Upper

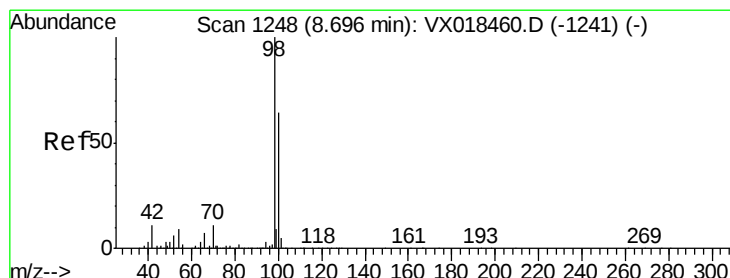
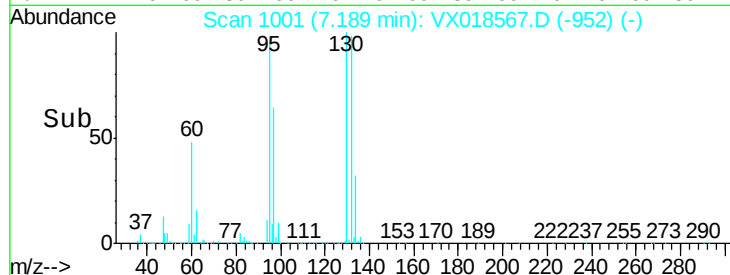
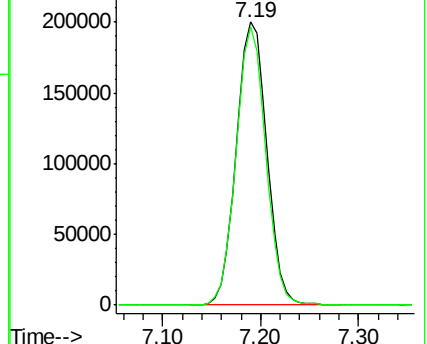
130 100

95 98.2 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.592 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018567.D

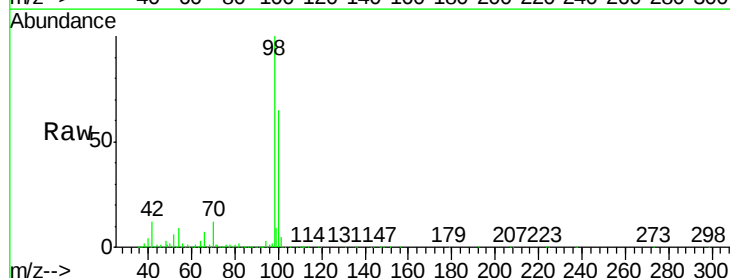
Acq: 24 Sep 2020 13:17

Tgt Ion: 98 Resp: 902901

Ion Ratio Lower Upper

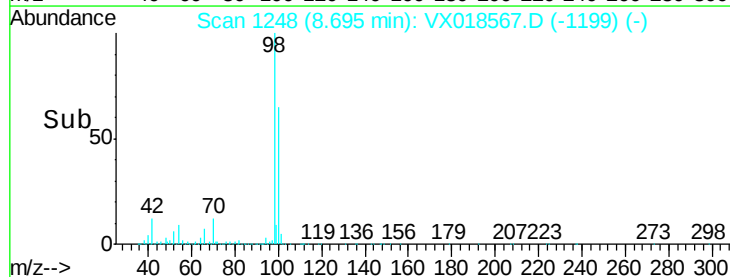
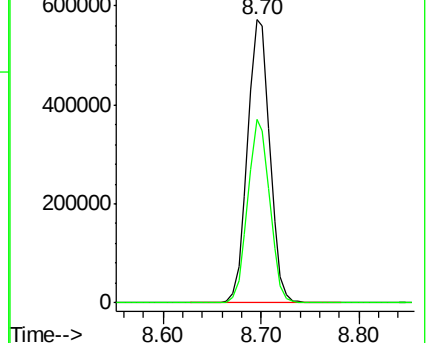
98 100

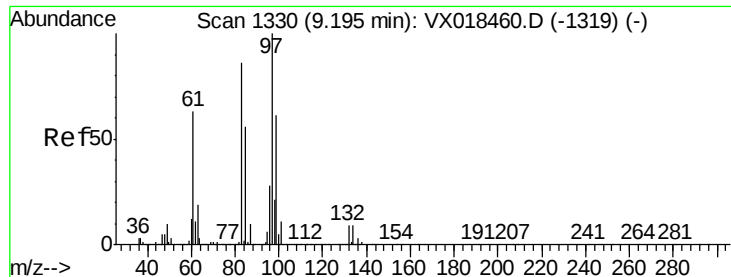
100 63.7 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

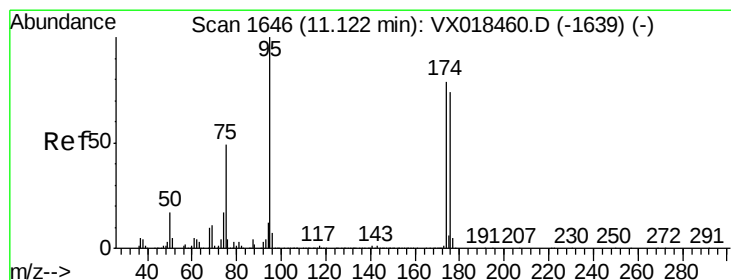
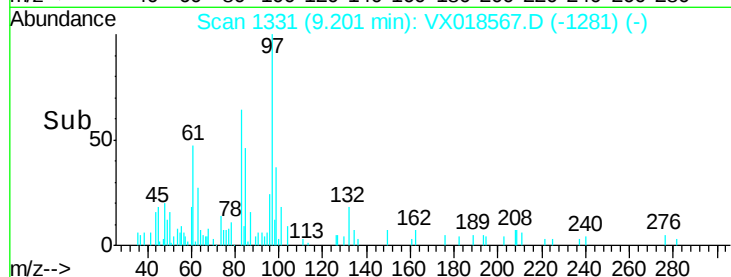
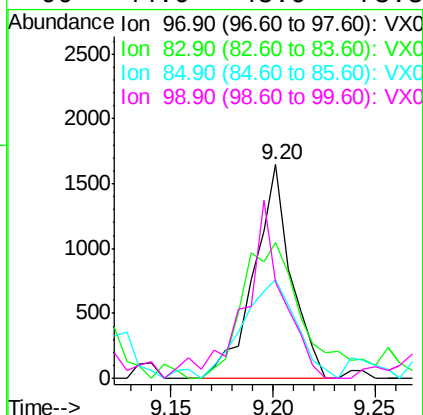
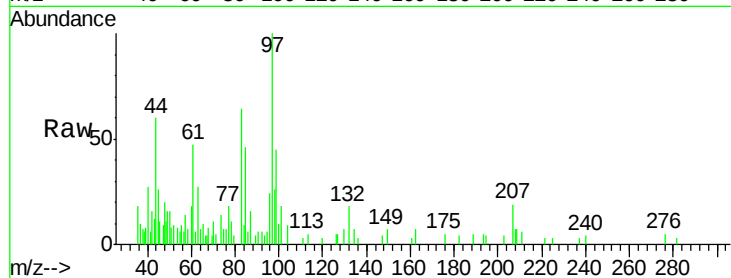




#55
 1,1,2-Trichloroethane
 Concen: 0.395 ug/l
 RT: 9.20 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

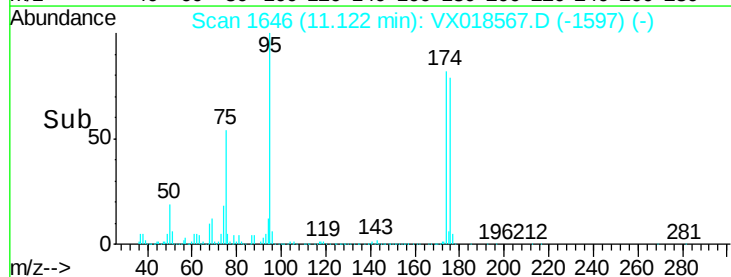
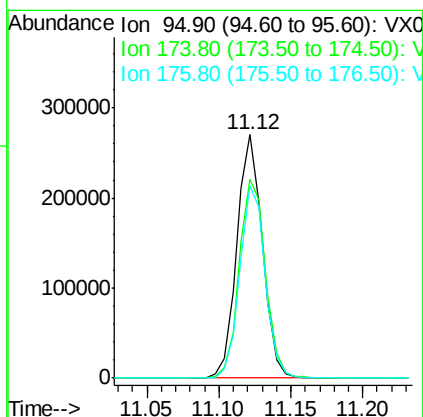
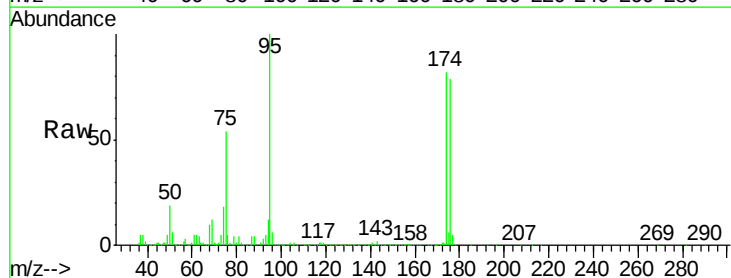
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D5-20200918

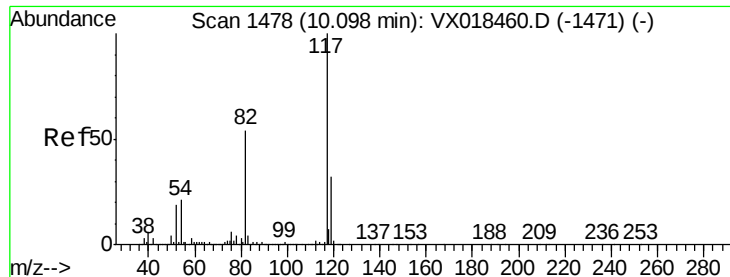
Tot Ion:	97	Resp:	2079
Ion	Ratio	Lower	Upper
97	100		
83	63.7	68.5	102.7#
85	46.4	44.8	67.2
99	44.9	48.9	73.3#



#62
 4-Bromofluorobenzene
 Concen: 45.990 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX018567.D
 Acq: 24 Sep 2020 13:17

Tgt Ion:	95	Resp:	333069
Ion	Ratio	Lower	Upper
95	100		
174	84.2	0.0	161.4
176	78.3	0.0	151.4

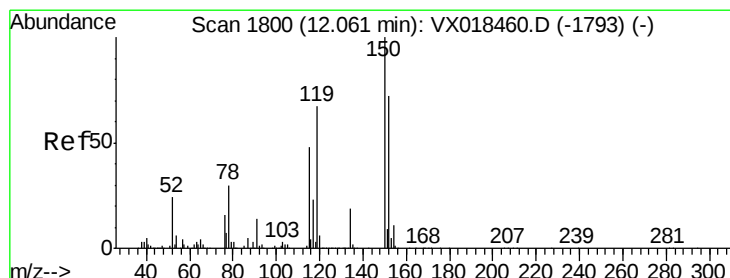
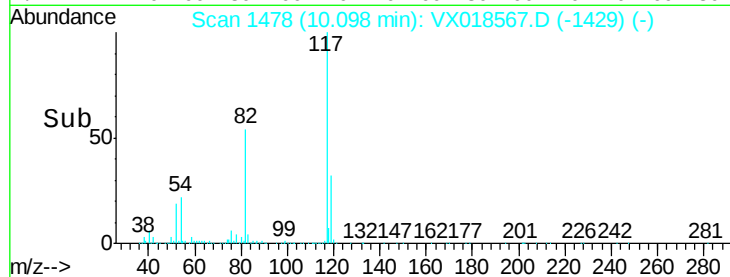
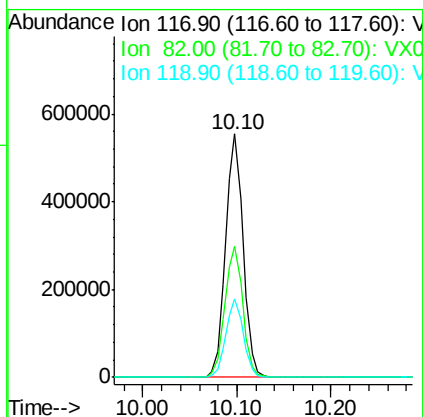
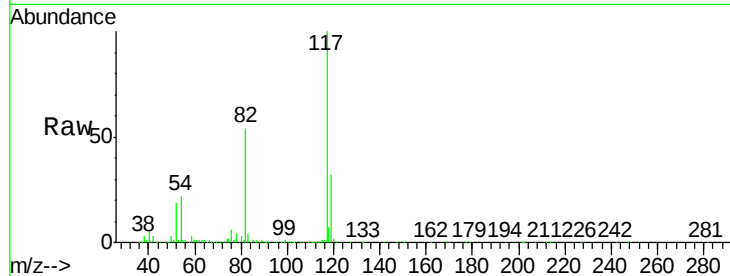




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018567.D
Acq: 24 Sep 2020 13:17

Instrument :
MSVOA_X
ClientSampleId :
RE132D5-20200918

Tot Ion:117 Resp: 717760
Ion Ratio Lower Upper
117 100
82 54.0 43.3 64.9
119 32.2 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018567.D
Acq: 24 Sep 2020 13:17

Tgt Ion:152 Resp: 351406
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 157.2 0.0 342.4

