

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013405.D
 Acq On : 13 Nov 2019 14:21
 Operator : JC/SP
 Sample : K5802-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0676

Quant Time: Nov 14 07:18:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

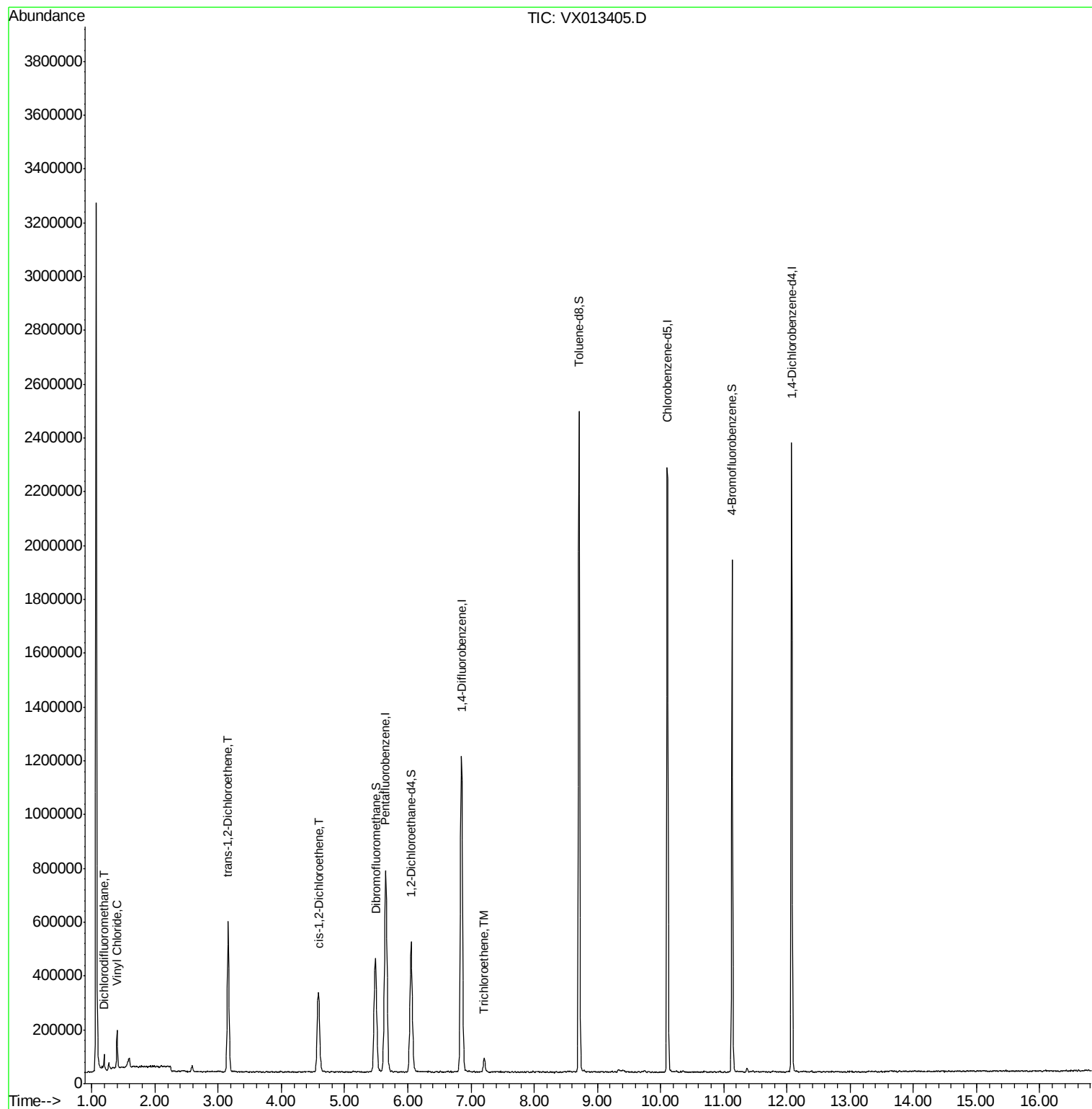
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	779695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	1234544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	1078093	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	493770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	444257	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
35) Dibromofluoromethane	5.49	113	370821	47.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	8.71	98	1451645	49.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.14	95	486004	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	31046	3.456	ug/l	96
4) Vinyl Chloride	1.40	62	85220	7.684	ug/l	100
21) trans-1,2-Dichloroethene	3.16	96	238063	30.571	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	193240	22.152	ug/l	89
44) Trichloroethene	7.21	130	22616	2.490	ug/l	99

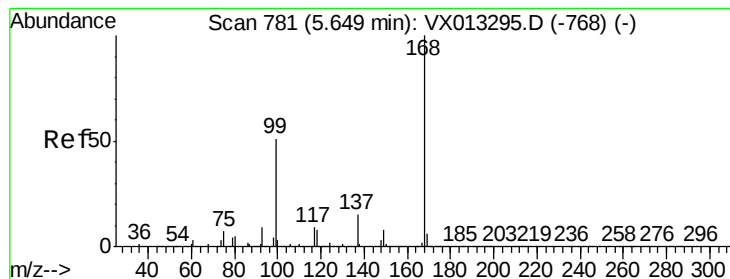
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX111319\
Data File : VX013405.D
Acq On : 13 Nov 2019 14:21
Operator : JC/SP
Sample : K5802-03
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0676

Quant Time: Nov 14 07:18:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

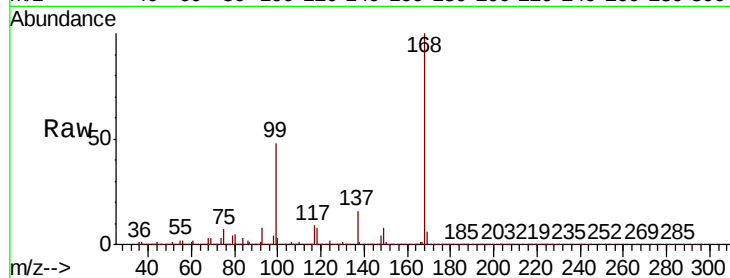
S32-0676

Tot Ion:168 Resp: 779695

Ion Ratio Lower Upper

168 100

99 48.1 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

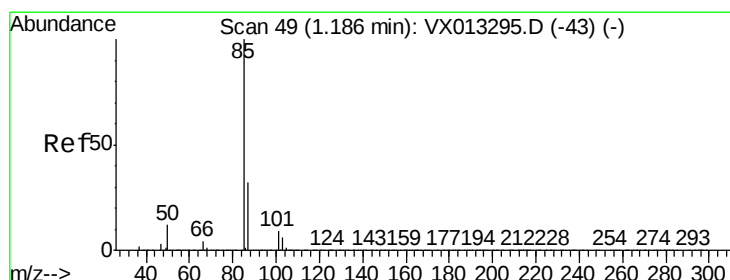
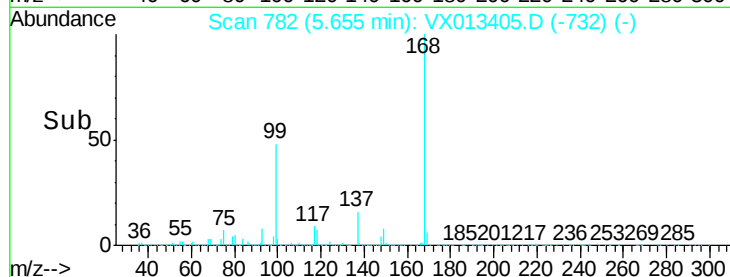
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 3.456 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX013405.D

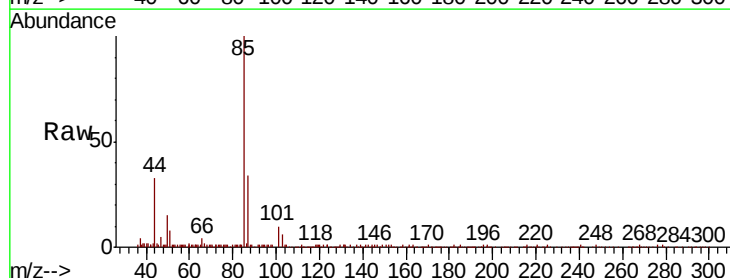
Acq: 13 Nov 2019 14:21

Tgt Ion: 85 Resp: 31046

Ion Ratio Lower Upper

85 100

87 34.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

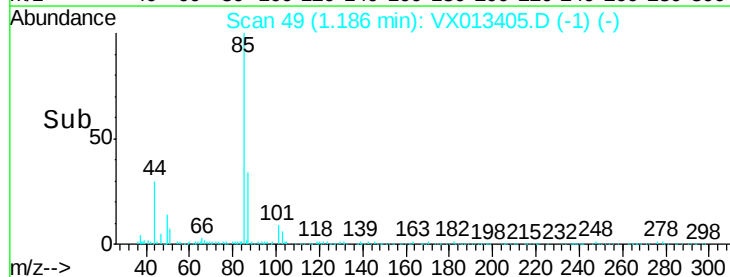
30000

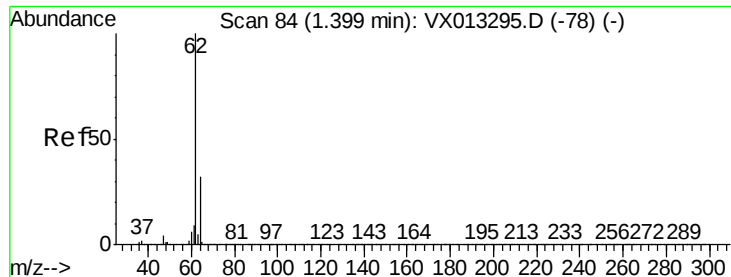
20000

10000

0

Time-->





#4

Vinyl Chloride

Concen: 7.684 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

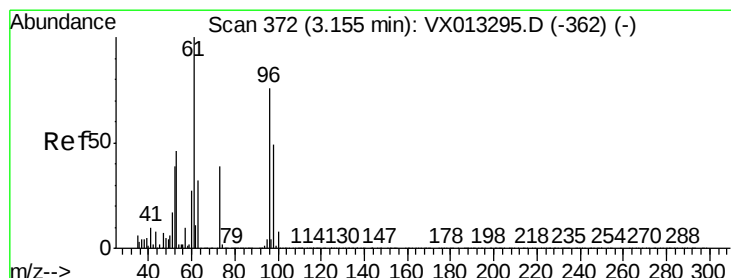
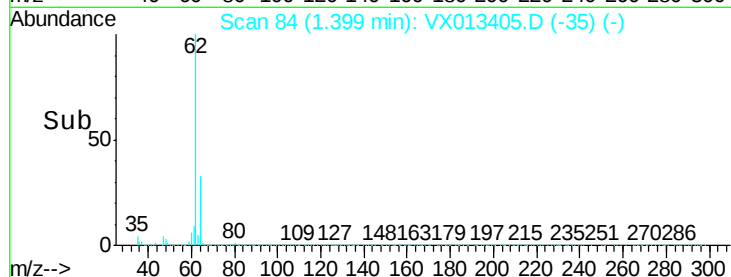
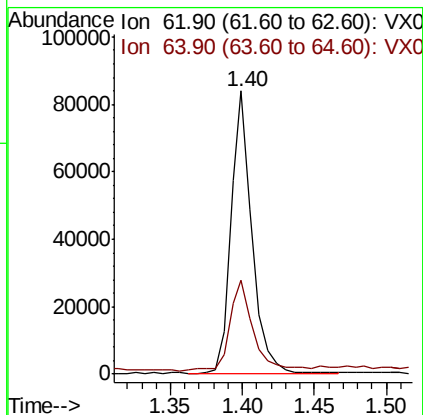
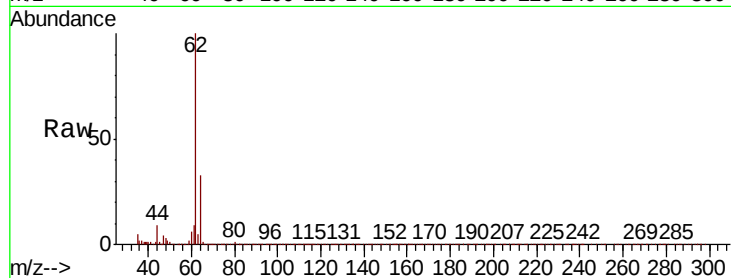
S32-0676

Tot Ion: 62 Resp: 85220

Ion Ratio Lower Upper

62 100

64 32.1 25.6 38.4



#21

trans-1,2-Dichloroethene

Concen: 30.571 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

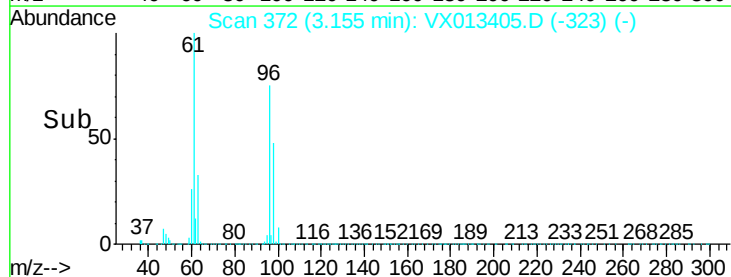
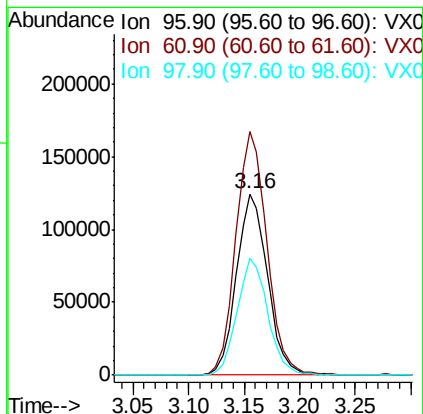
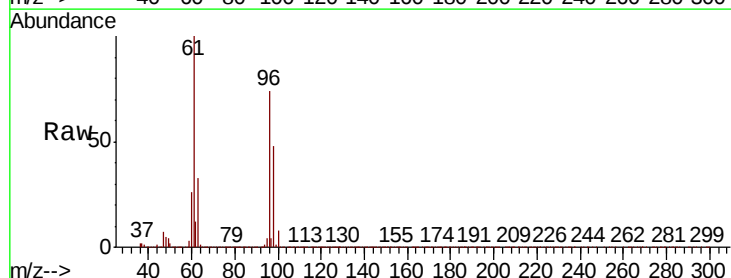
Tgt Ion: 96 Resp: 238063

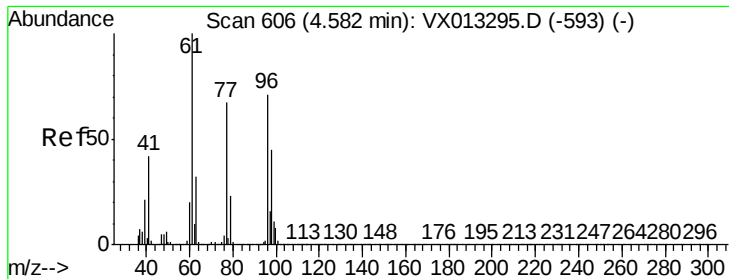
Ion Ratio Lower Upper

96 100

61 134.3 105.8 158.6

98 64.6 51.8 77.6



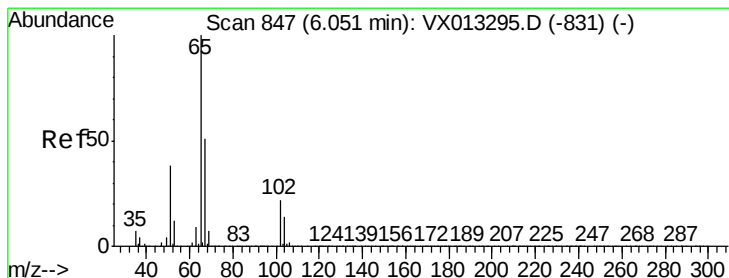
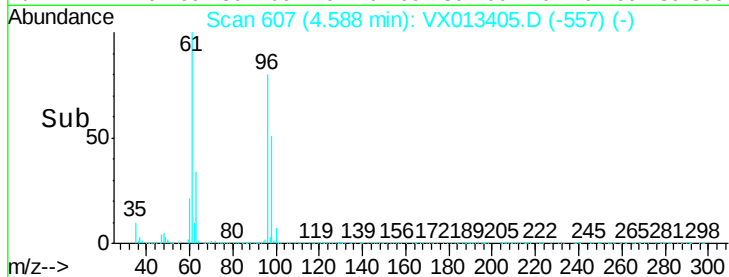
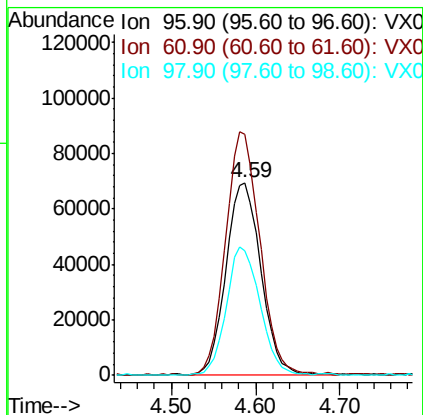
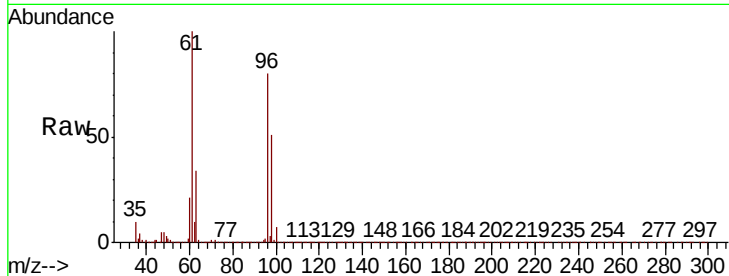


#27

cis-1,2-Dichloroethene
Concen: 22.152 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013405.D
Acq: 13 Nov 2019 14:21

Instrument :
MSVOA_X
ClientSampleId :
S32-0676

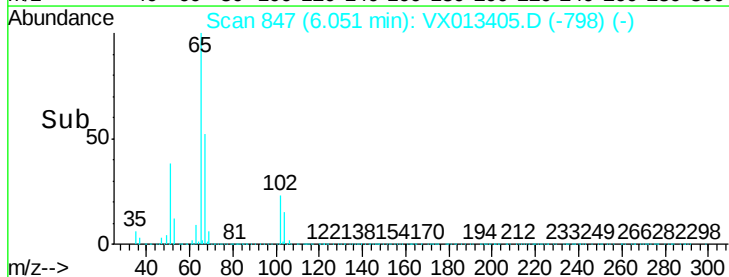
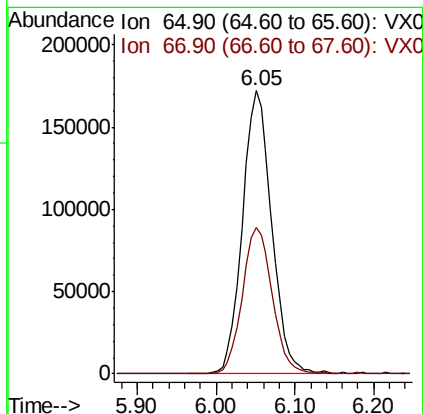
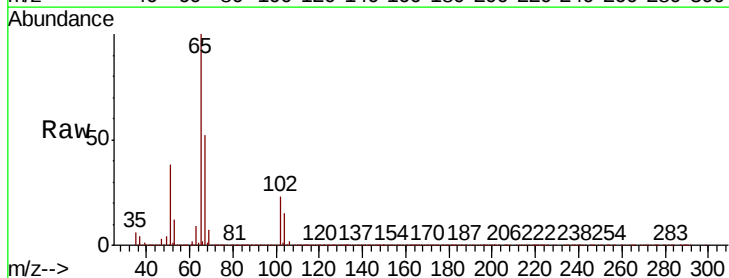
Tot Ion	Ratio	Lower	Upper
96	100		
61	124.8	0.0	288.0
98	65.4	0.0	129.6

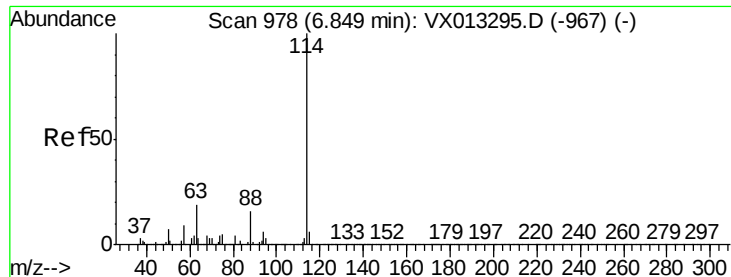


#33

1,2-Dichloroethane-d4
Concen: 48.095 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013405.D
Acq: 13 Nov 2019 14:21

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

S32-0676

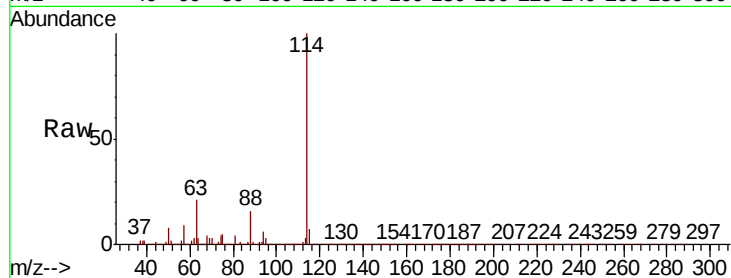
Tot Ion:114 Resp: 1234544

Ion	Ratio	Lower	Upper
114	100		
63	20.6	0.0	38.4
88	15.6	0.0	32.2

114 100

63 20.6 0.0 38.4

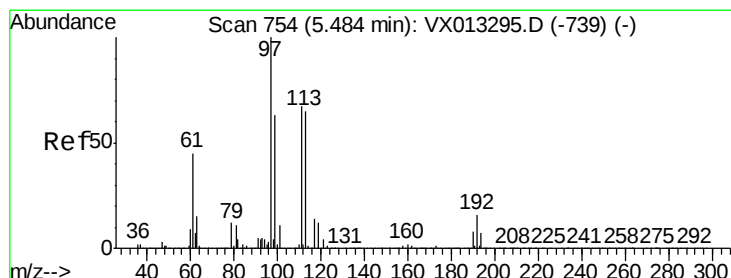
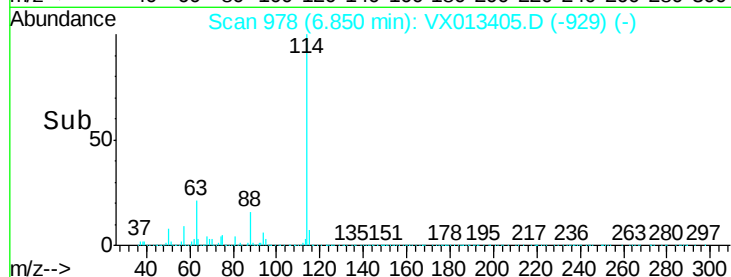
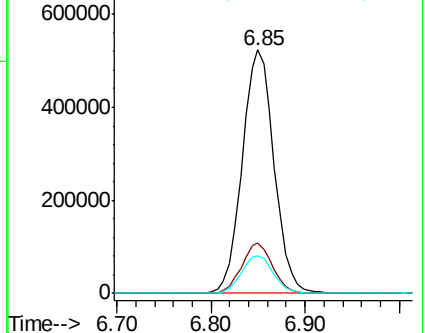
88 15.6 0.0 32.2



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: 47.890 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

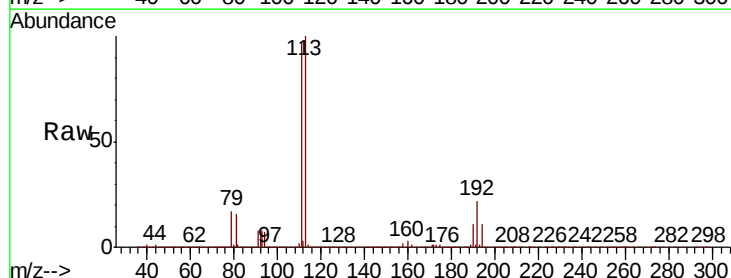
Tgt Ion:113 Resp: 370821

Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	23.4	19.1	28.7

113 100

111 101.7 81.9 122.9

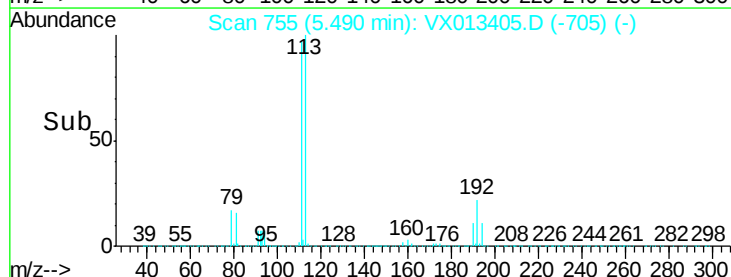
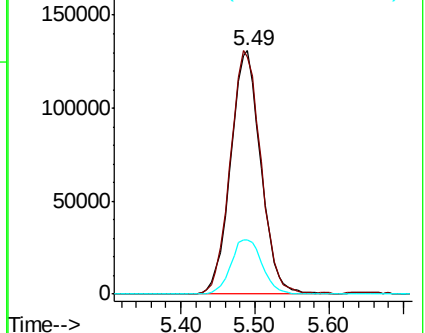
192 23.4 19.1 28.7

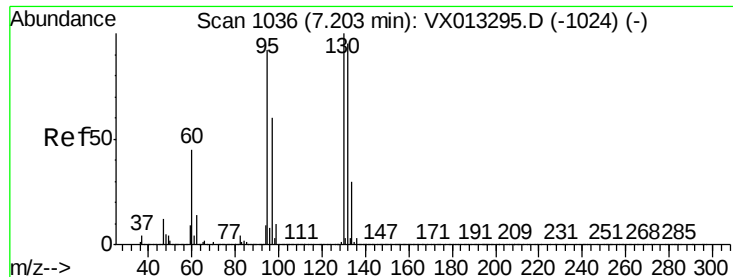


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.490 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

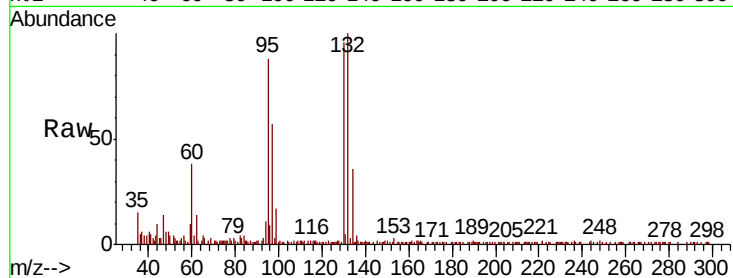
S32-0676

Tot Ion:130 Resp: 22616

Ion Ratio Lower Upper

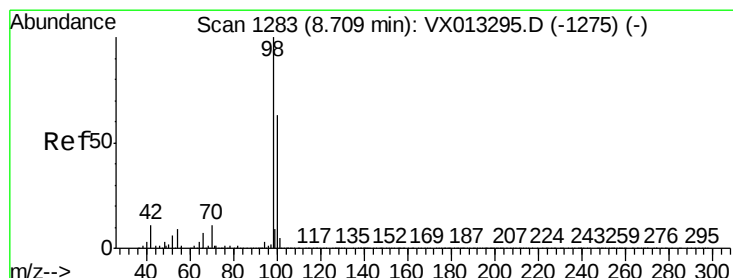
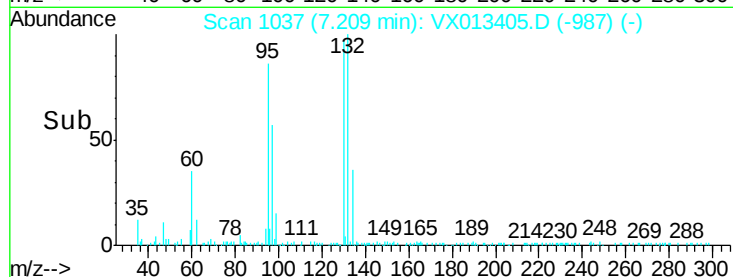
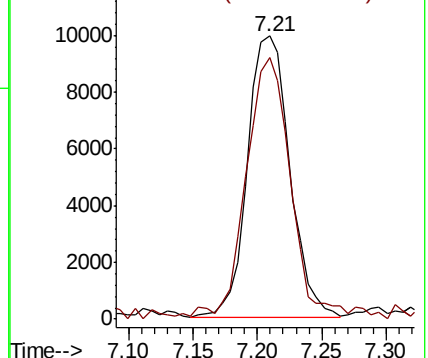
130 100

95 91.6 0.0 184.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 49.729 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013405.D

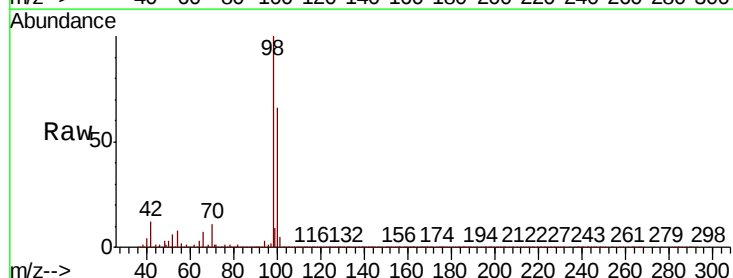
Acq: 13 Nov 2019 14:21

Tgt Ion: 98 Resp: 1451645

Ion Ratio Lower Upper

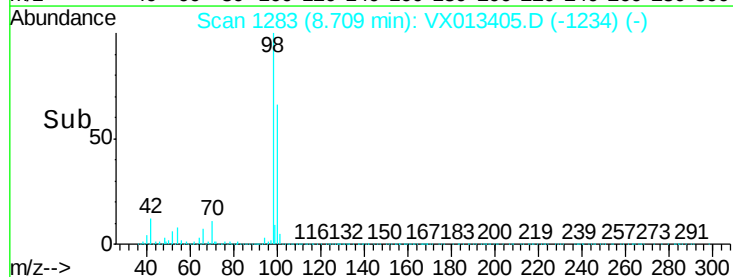
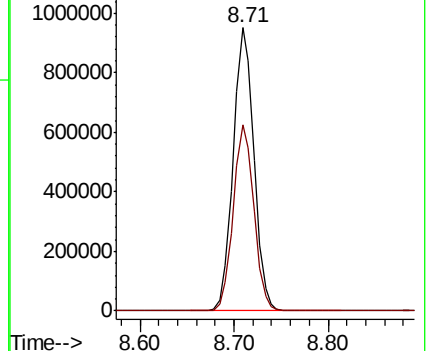
98 100

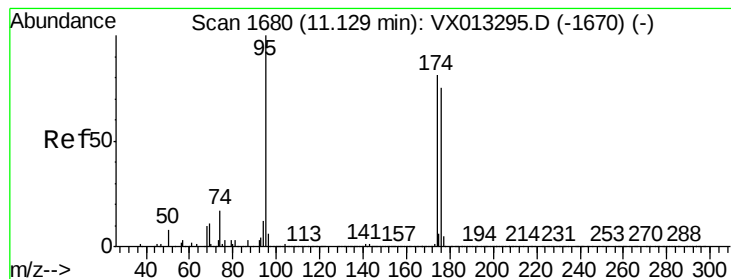
100 65.5 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.131 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

S32-0676

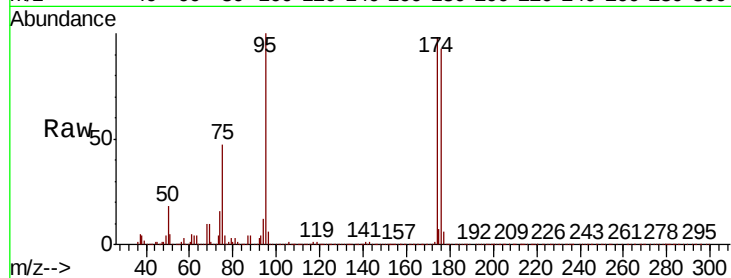
Tot Ion: 95 Resp: 486004

Ion Ratio Lower Upper

95 100

174 90.3 0.0 179.8

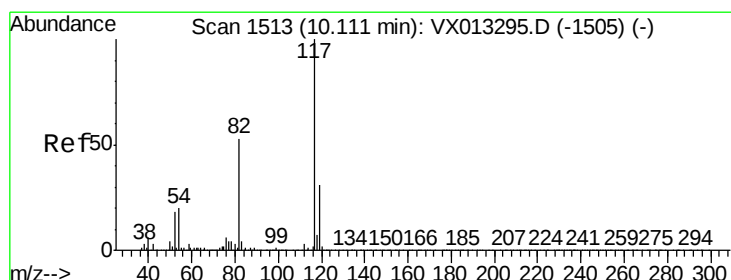
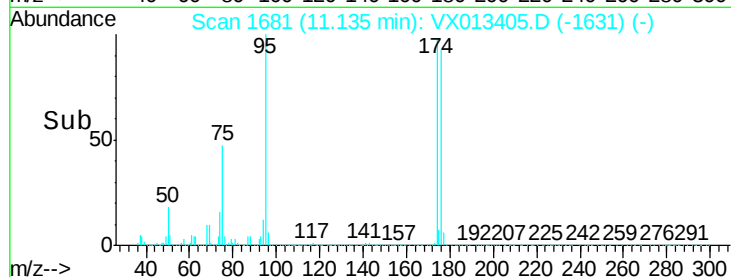
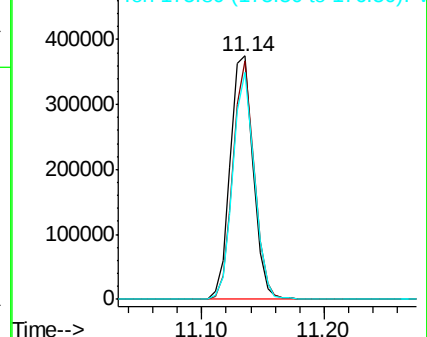
176 87.1 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX013295.D (-1670) (-)

Ion 173.80 (173.50 to 174.50): VX013295.D (-1670) (-)

Ion 175.80 (175.50 to 176.50): VX013295.D (-1670) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

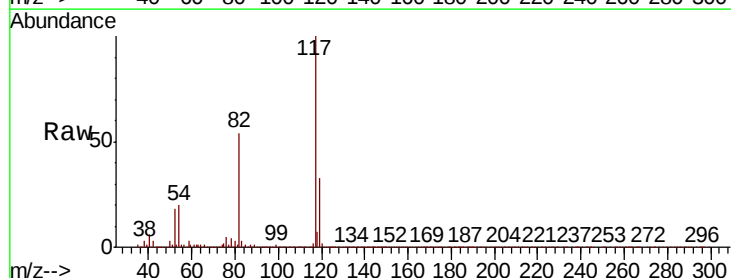
Tgt Ion: 117 Resp: 1078093

Ion Ratio Lower Upper

117 100

82 53.5 42.6 64.0

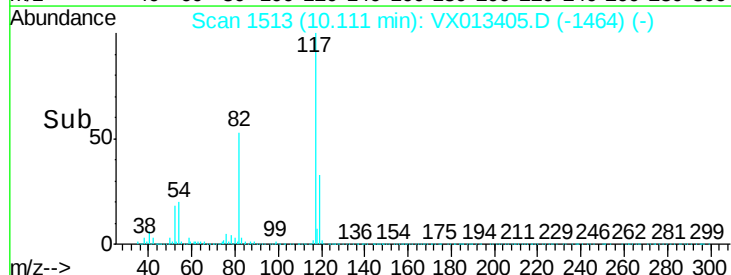
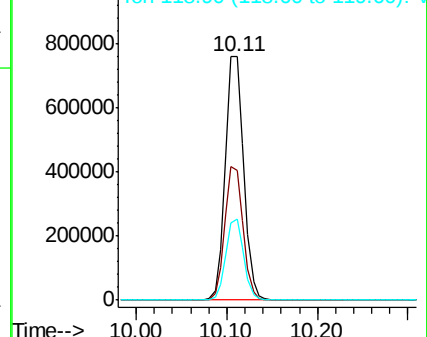
119 33.0 24.8 37.2

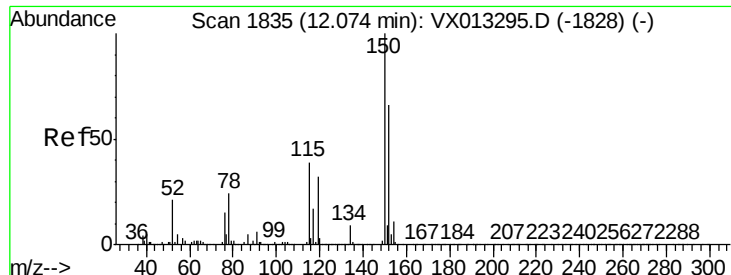


Abundance Ion 116.90 (116.60 to 117.60): VX013295.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX013295.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX013295.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013405.D

Acq: 13 Nov 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

S32-0676

Tot Ion:152 Resp: 493770

Ion Ratio Lower Upper

152 100

115 55.1 39.5 118.3

150 155.7 0.0 344.4

