

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009941.D
 Acq On : 29 May 2019 15:39
 Operator : JC/SP
 Sample : K3077-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0664

Quant Time: May 30 02:16:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	173518	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	277007	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	111777	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	118027	48.15	ug/l	0.00
Spiked Amount			Recovery	=	96.30%	
35) Dibromofluoromethane	5.49	113	85341	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	350799	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.13	95	122104	48.07	ug/l	0.00
Spiked Amount			Recovery	=	96.14%	

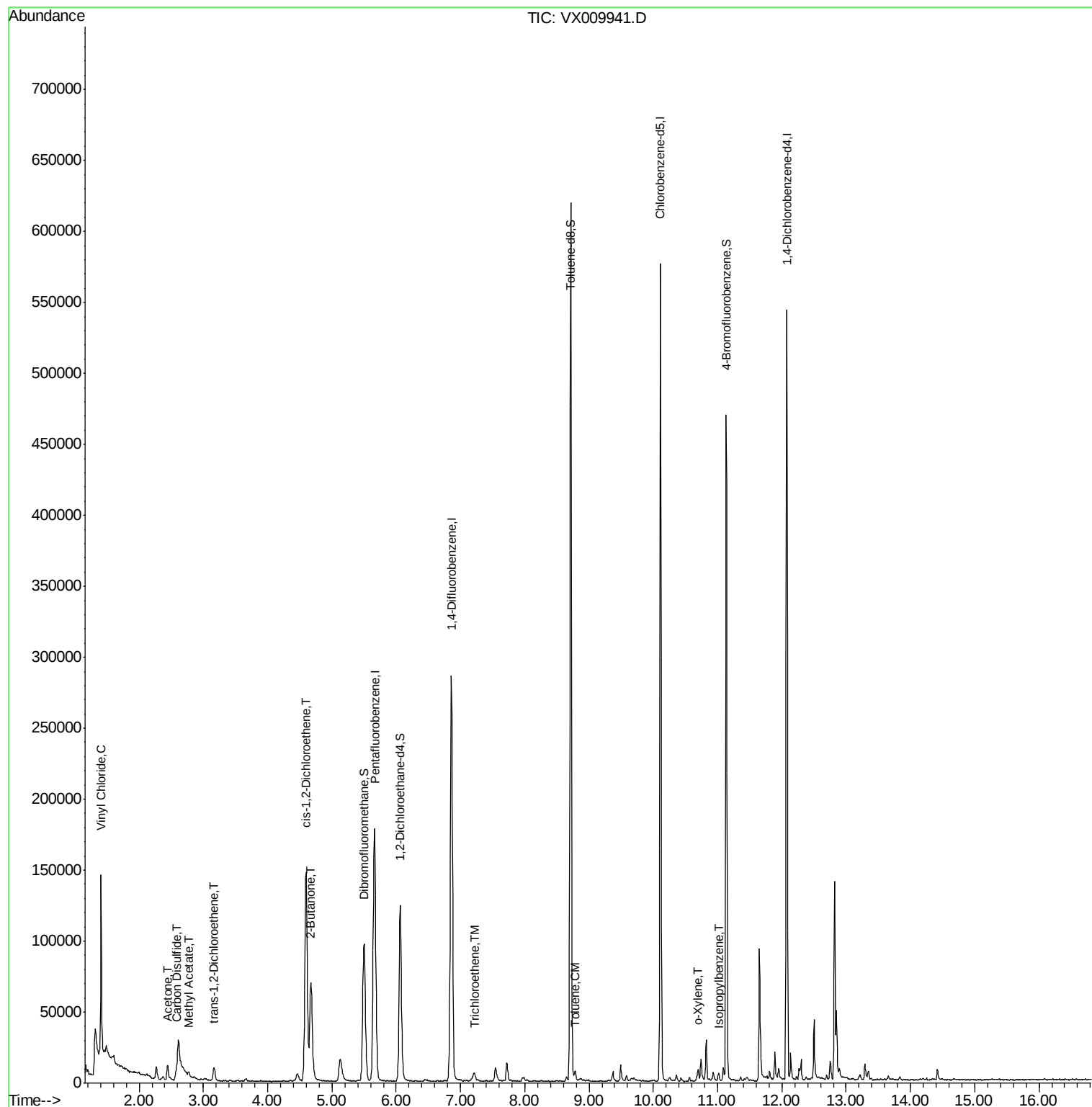
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.41	62	86114	33.512	ug/l	100
16) Acetone	2.45	43	12005	8.477	ug/l	96
17) Carbon Disulfide	2.58	76	12726	2.758	ug/l	99
18) Methyl Acetate	2.78	43	2913	0.884	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	3518	1.799	ug/l #	94
25) 2-Butanone	4.67	43	130442	59.120	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	90925	40.285	ug/l	89
44) Trichloroethene	7.21	130	2093	1.033	ug/l	89
52) Toluene	8.79	92	1985	0.392	ug/l	99
69) o-Xylene	10.69	106	1430	0.430	ug/l	94
73) Isopropylbenzene	11.02	105	2617	0.317	ug/l	94

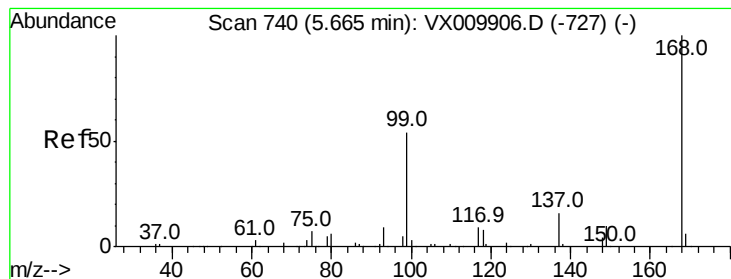
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 30 02:16:10 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

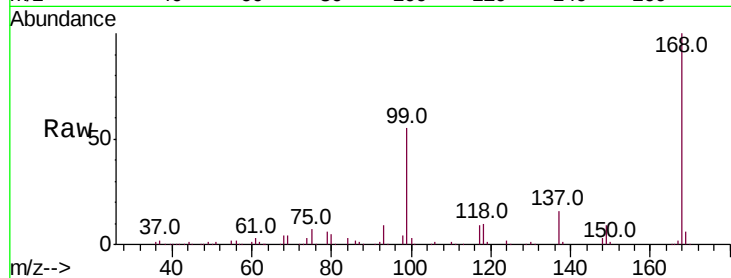
S32-0664

Tot Ion:168 Resp: 173518

Ion Ratio Lower Upper

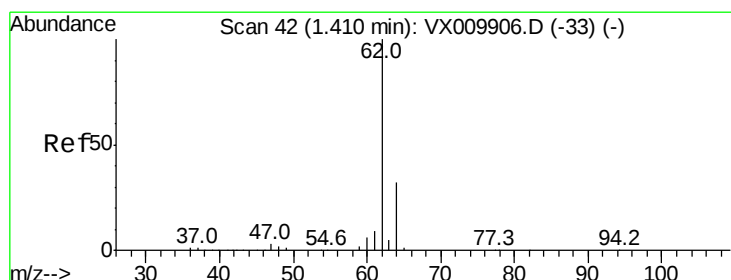
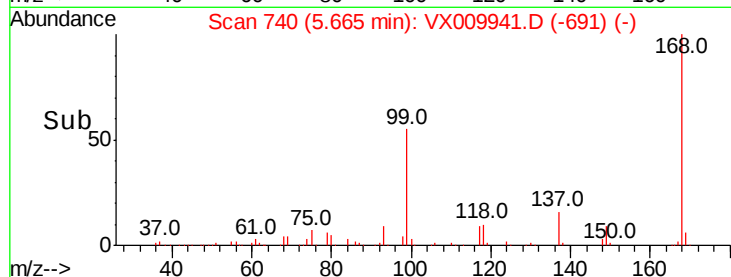
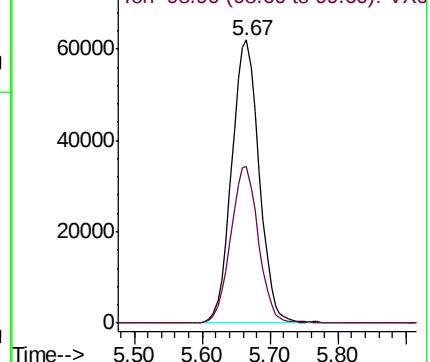
168 100

99 55.4 43.0 64.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 33.512 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX009941.D

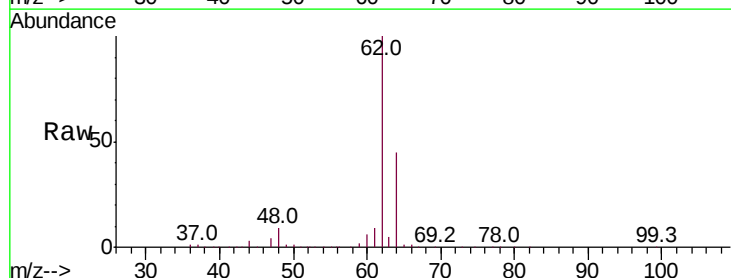
Acq: 29 May 2019 15:39

Tgt Ion: 62 Resp: 86114

Ion Ratio Lower Upper

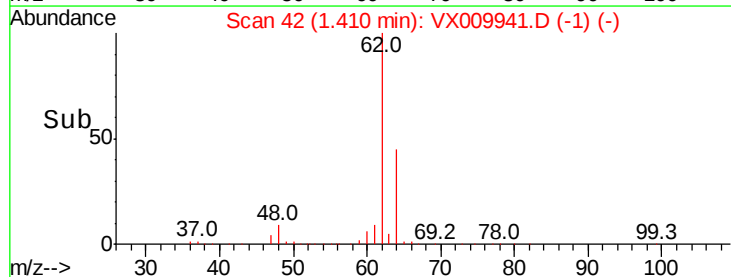
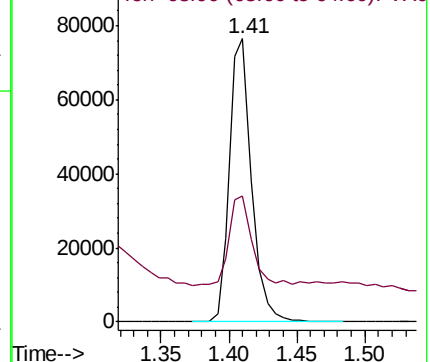
62 100

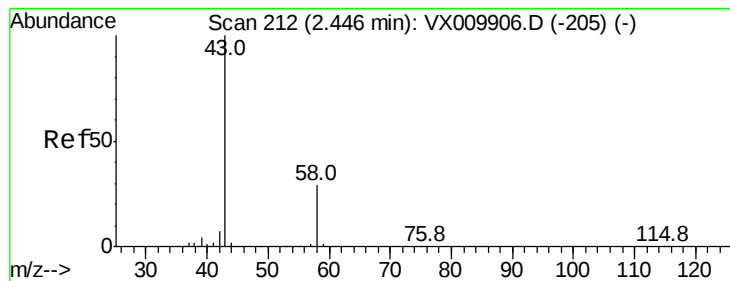
64 31.9 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 8.477 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

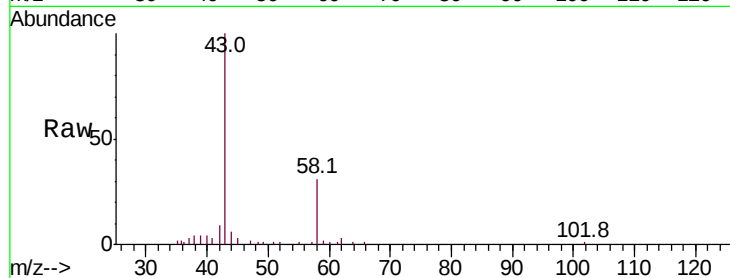
S32-0664

Tot Ion: 43 Resp: 12005

Ion Ratio Lower Upper

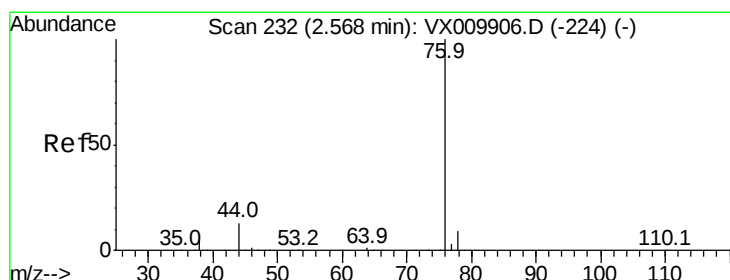
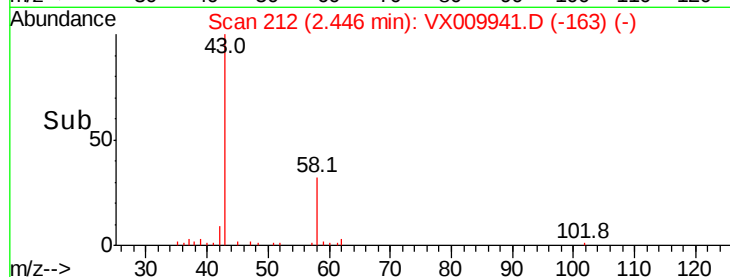
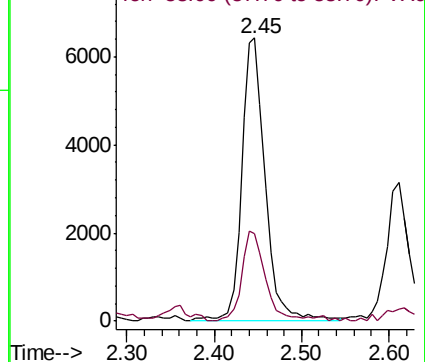
43 100

58 31.1 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 2.758 ug/l

RT: 2.58 min Scan# 234

Delta R.T. 0.01 min

Lab File: VX009941.D

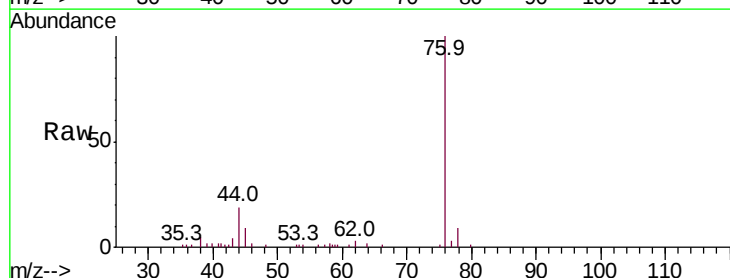
Acq: 29 May 2019 15:39

Tgt Ion: 76 Resp: 12726

Ion Ratio Lower Upper

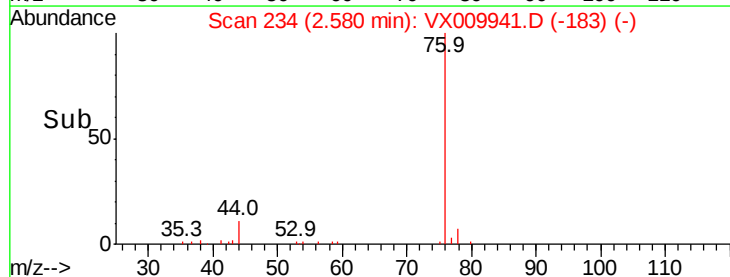
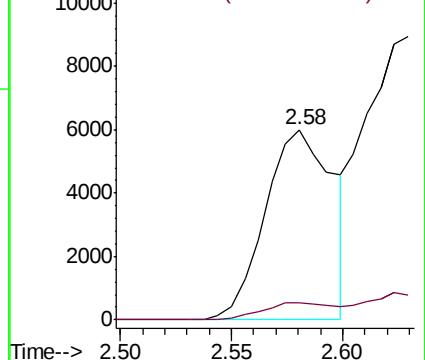
76 100

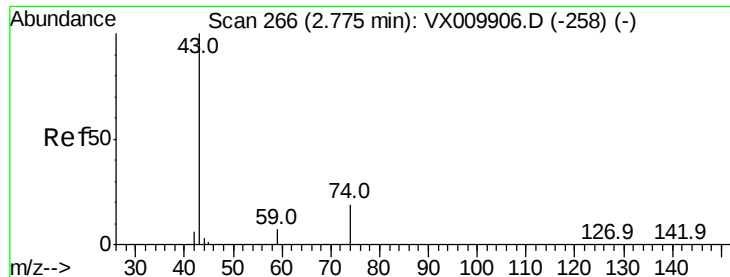
78 9.3 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0





#18

Methyl Acetate

Concen: 0.884 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

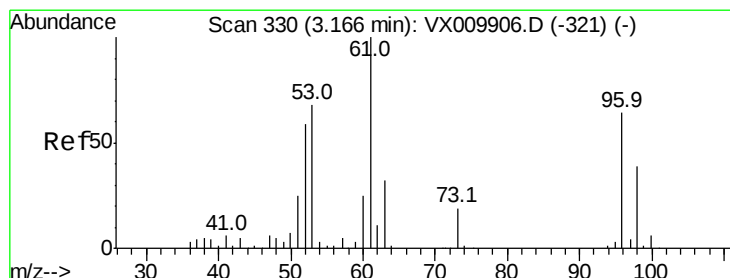
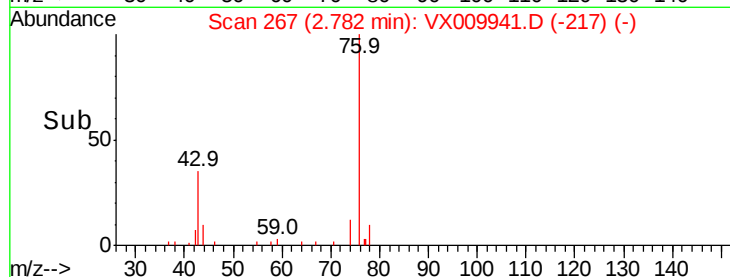
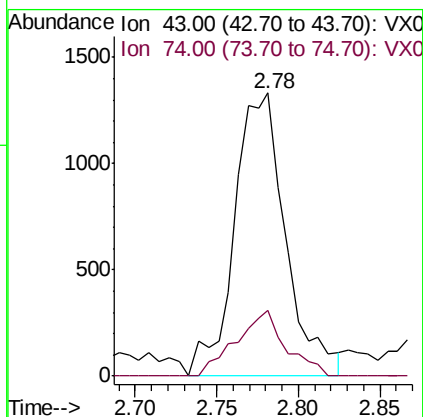
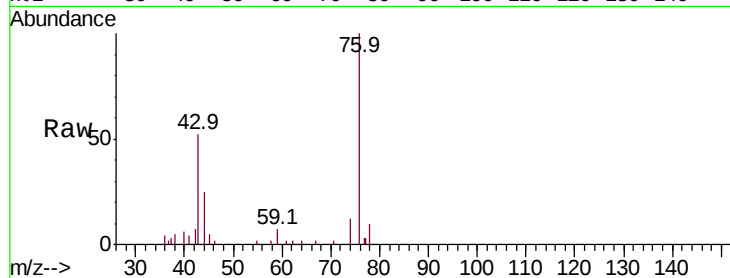
S32-0664

Tot Ion: 43 Resp: 2913

Ion Ratio Lower Upper

43 100

74 22.4 15.8 23.6



#21

trans-1,2-Dichloroethene

Concen: 1.799 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

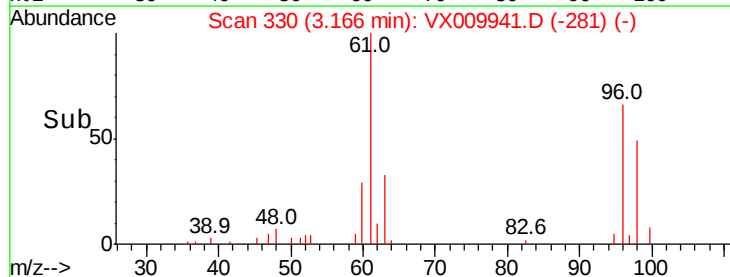
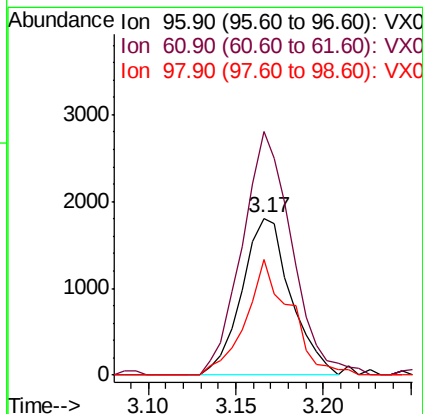
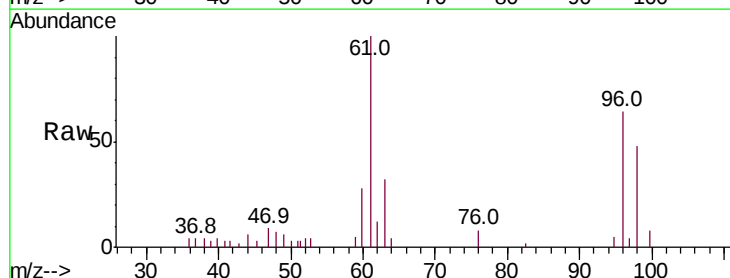
Tgt Ion: 96 Resp: 3518

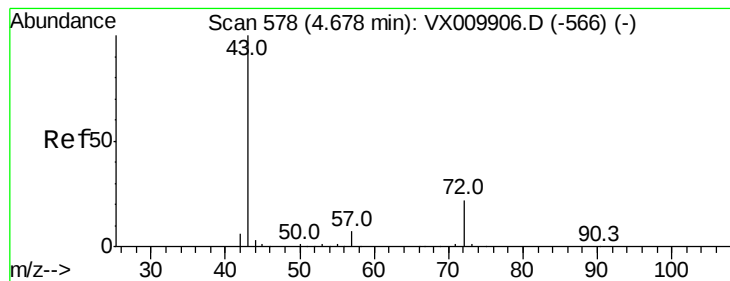
Ion Ratio Lower Upper

96 100

61 155.5 125.7 188.5

98 74.1 49.0 73.6#





#25

2-Butanone

Concen: 59.120 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

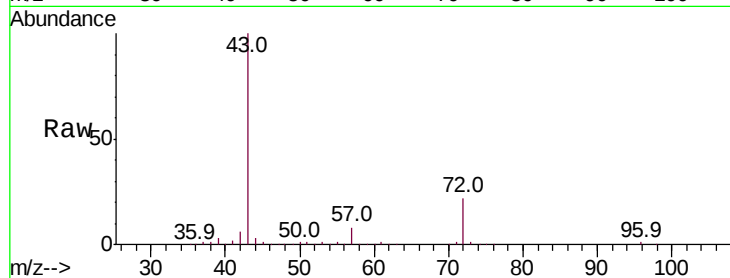
S32-0664

Tot Ion: 43 Resp: 130442

Ion Ratio Lower Upper

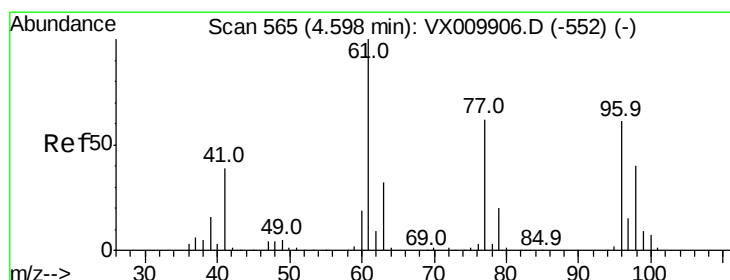
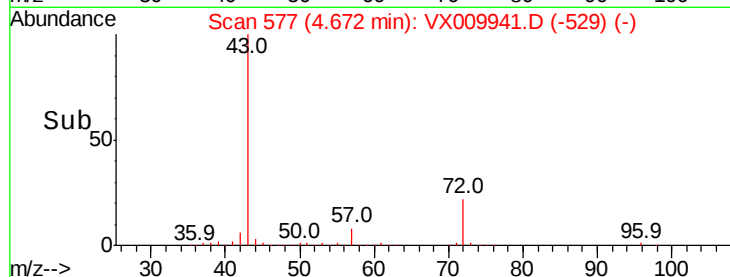
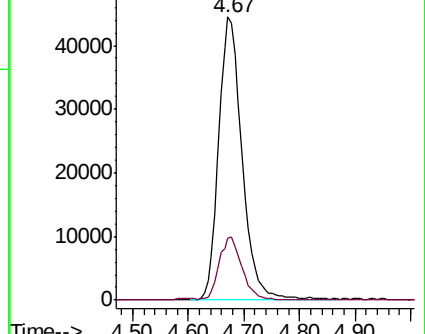
43 100

72 21.5 17.5 26.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#27

cis-1,2-Dichloroethene

Concen: 40.285 ug/l

RT: 4.60 min Scan# 565

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

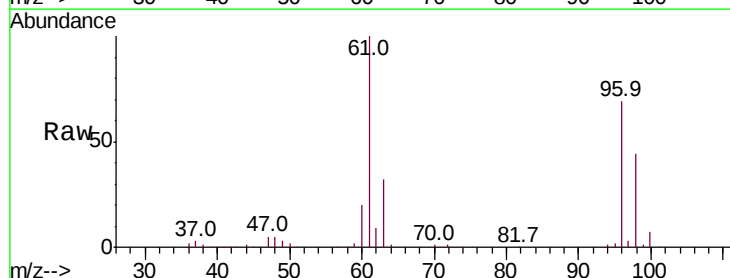
Tgt Ion: 96 Resp: 90925

Ion Ratio Lower Upper

96 100

61 147.2 0.0 334.0

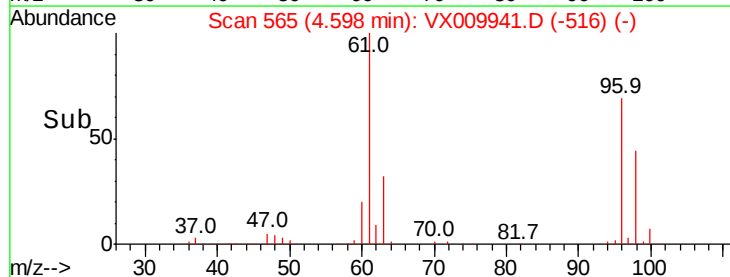
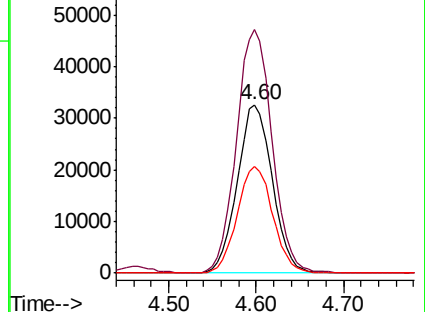
98 64.3 0.0 131.6

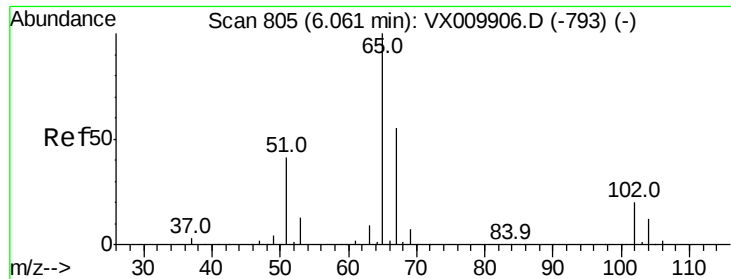


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

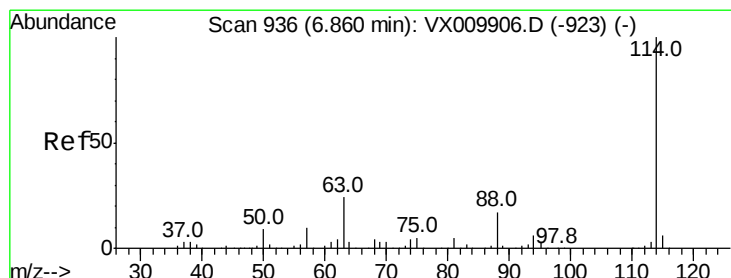
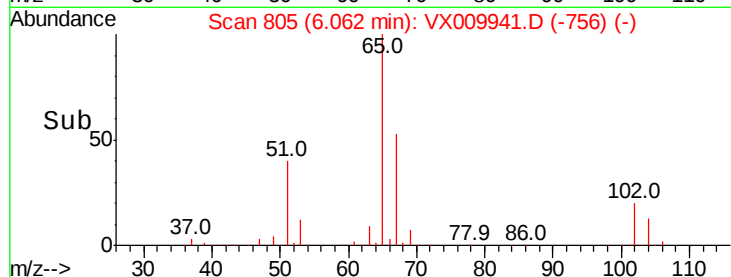
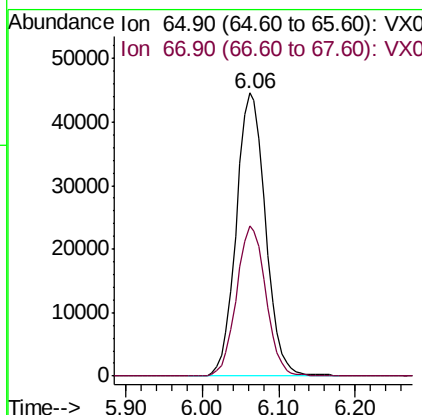
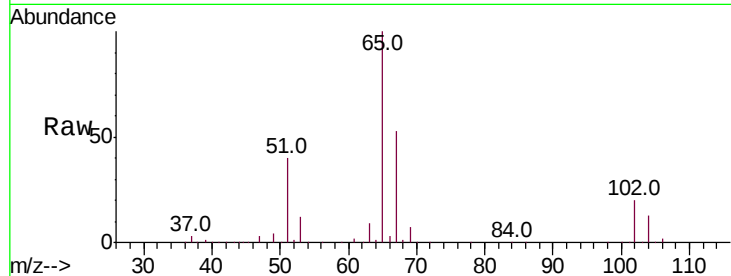




#33
 1,2-Dichloroethane-d4
 Concen: 48.153 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX009941.D
 Acq: 29 May 2019 15:39

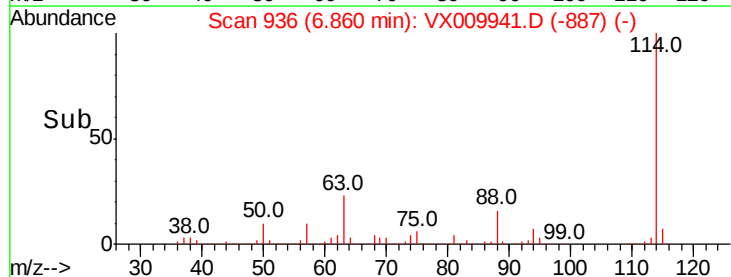
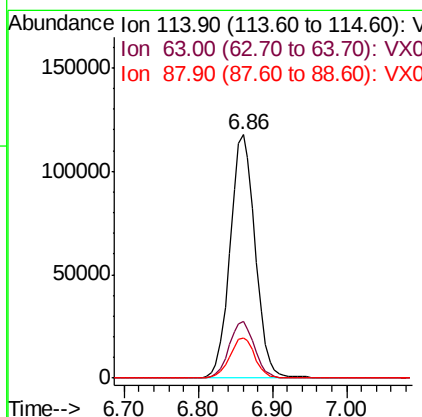
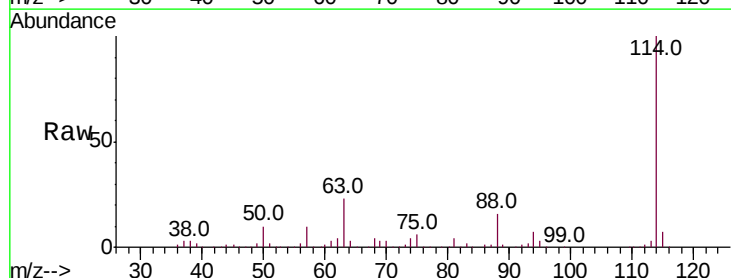
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0664

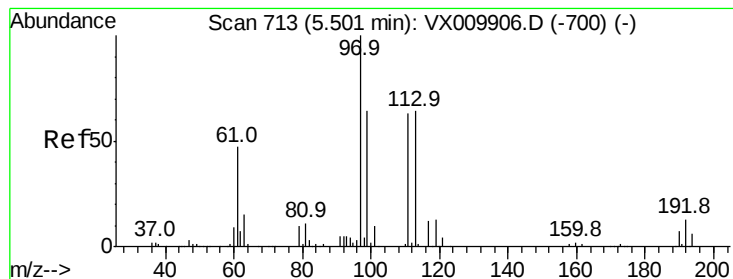
Tot Ion: 65 Resp: 118027
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 108.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX009941.D
 Acq: 29 May 2019 15:39

Tgt Ion:114 Resp: 277007
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 47.4
 88 16.4 0.0 33.0





#35

Dibromofluoromethane

Concen: 49.003 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

S32-0664

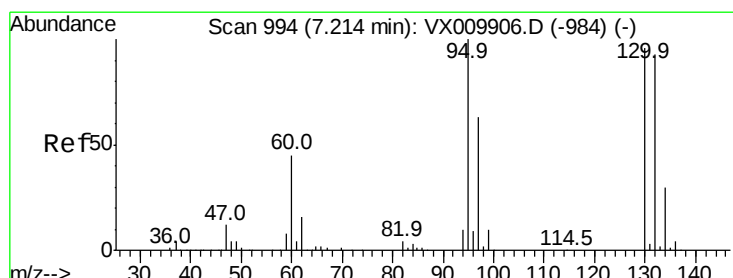
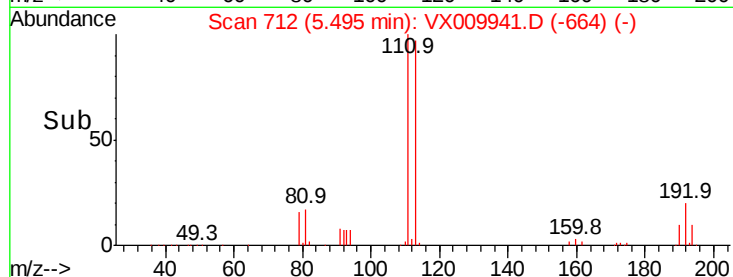
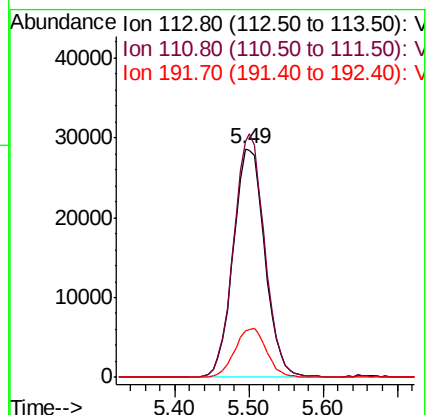
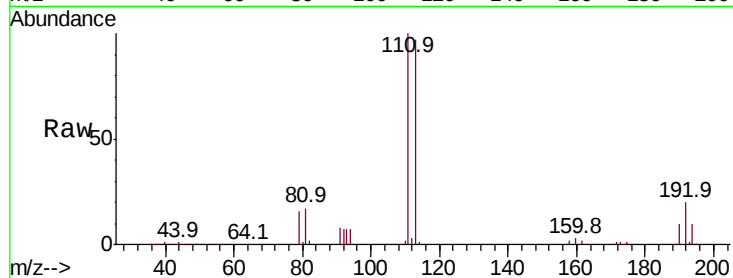
Tot Ion:113 Resp: 85341

Ion Ratio Lower Upper

113 100

111 104.3 82.2 123.2

192 21.3 17.1 25.7



#44

Trichloroethene

Concen: 1.033 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX009941.D

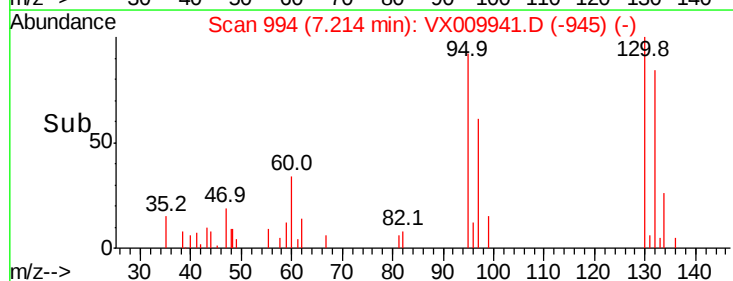
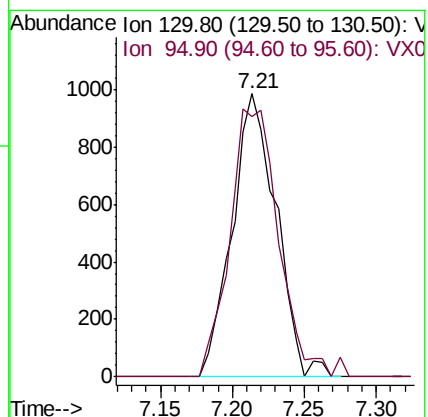
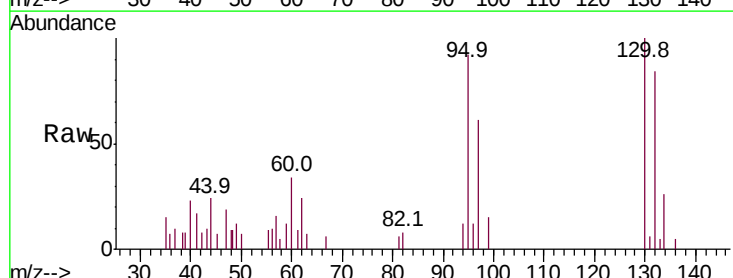
Acq: 29 May 2019 15:39

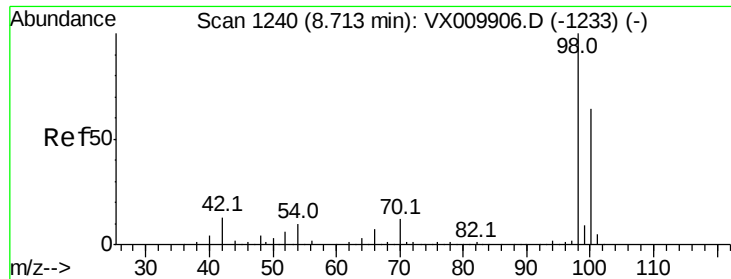
Tgt Ion:130 Resp: 2093

Ion Ratio Lower Upper

130 100

95 92.1 0.0 207.4





#50

Toluene-d8

Concen: 49.604 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

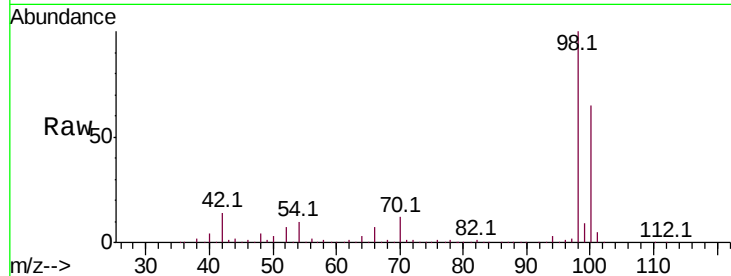
S32-0664

Tot Ion: 98 Resp: 350799

Ion Ratio Lower Upper

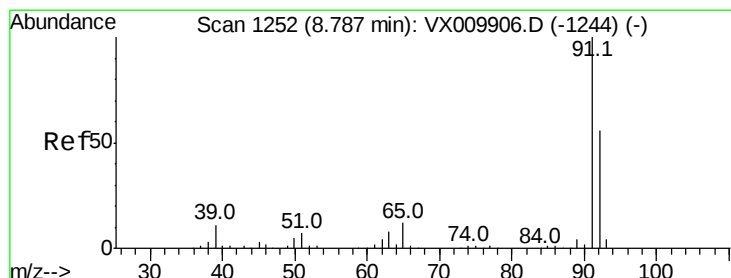
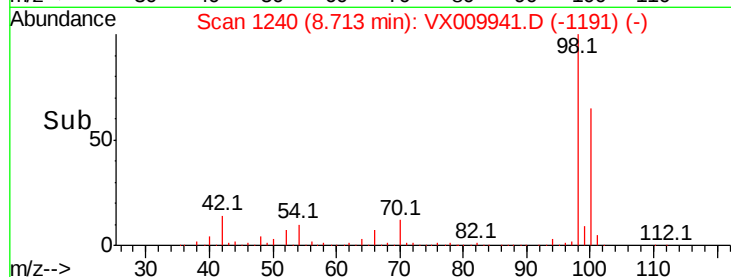
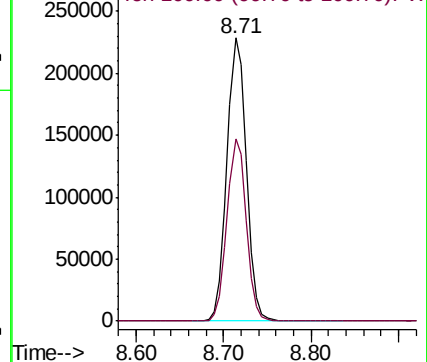
98 100

100 64.0 51.5 77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#52

Toluene

Concen: 0.392 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX009941.D

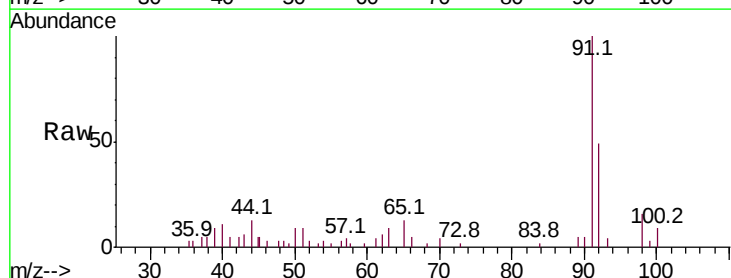
Acq: 29 May 2019 15:39

Tgt Ion: 92 Resp: 1985

Ion Ratio Lower Upper

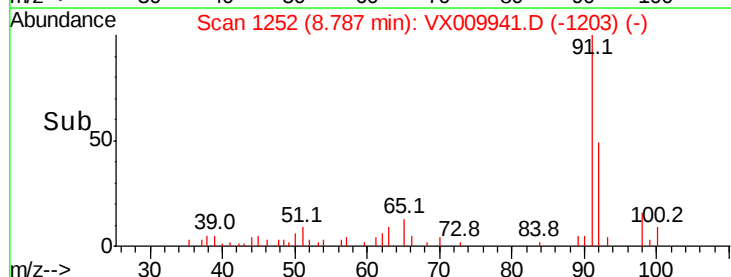
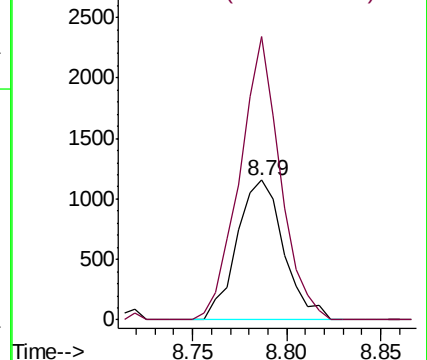
92 100

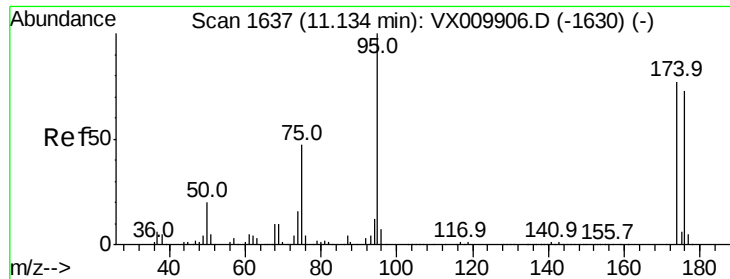
91 176.2 139.9 209.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.069 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampled :

S32-0664

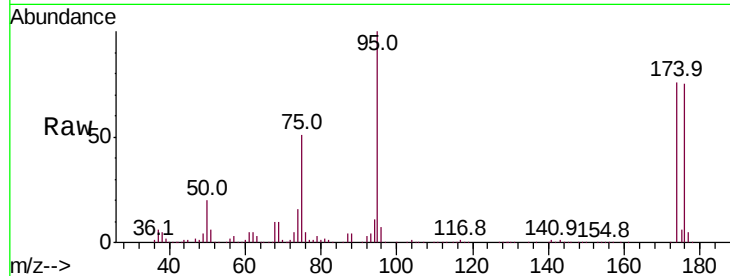
Tot Ion: 95 Resp: 122104

Ion Ratio Lower Upper

95 100

174 81.0 0.0 160.4

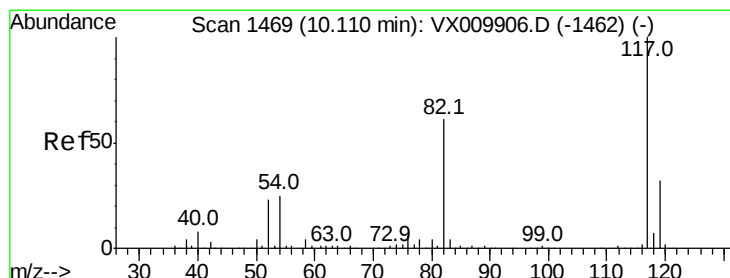
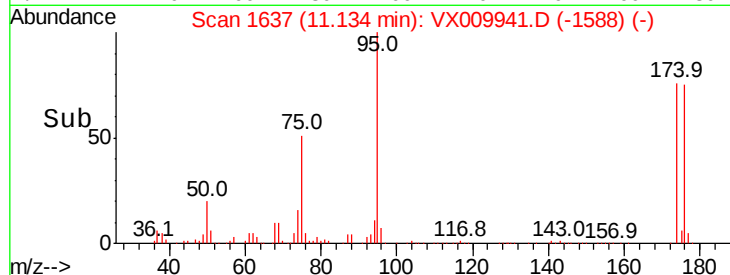
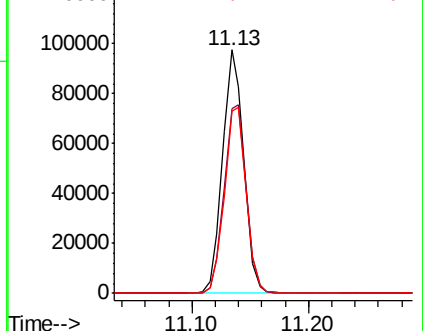
176 78.9 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

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: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

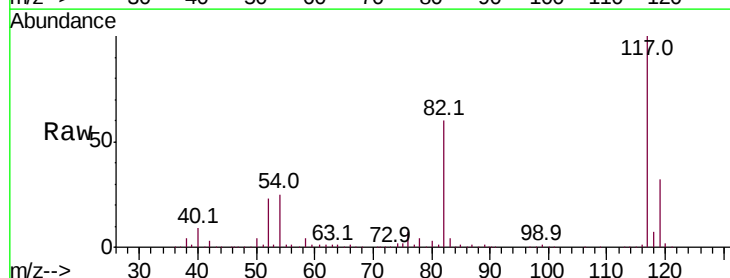
Tgt Ion: 117 Resp: 249444

Ion Ratio Lower Upper

117 100

82 59.7 49.2 73.8

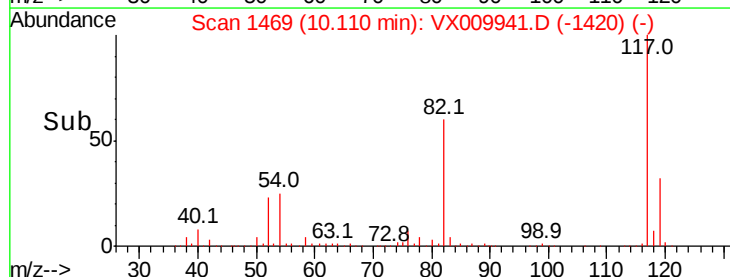
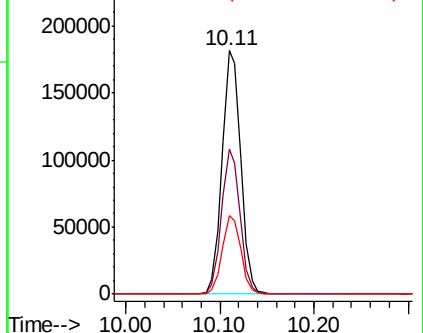
119 32.1 25.2 37.8

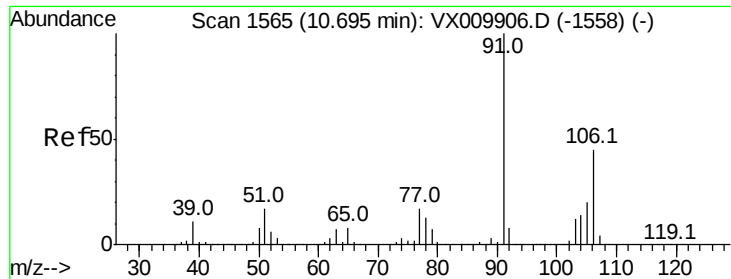


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

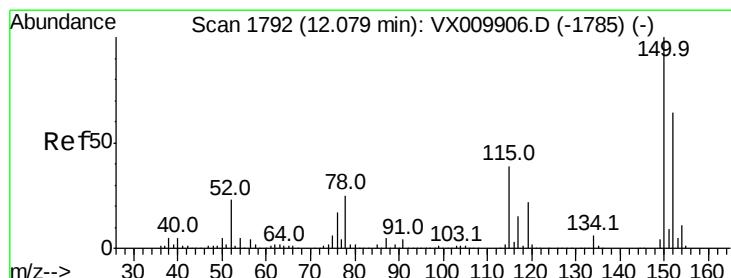
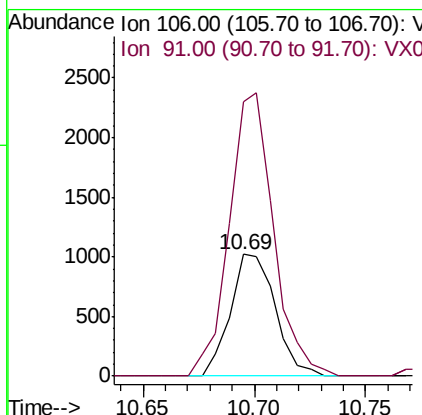
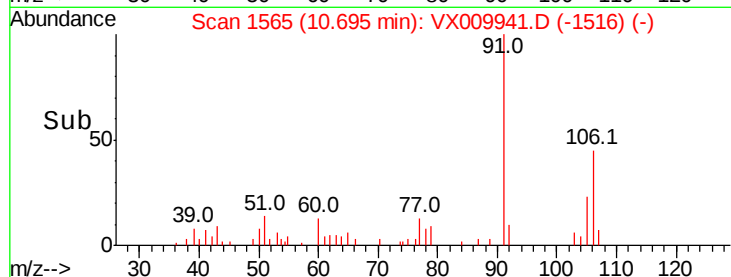
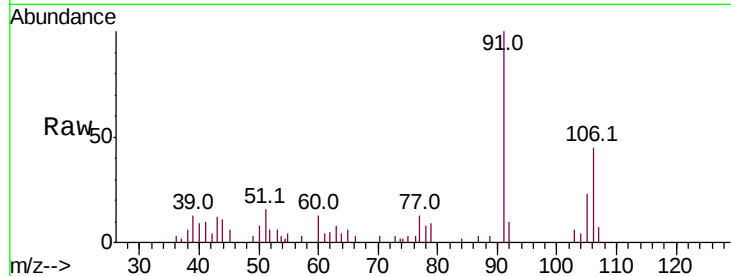




#69
o-Xylene
Concen: 0.430 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

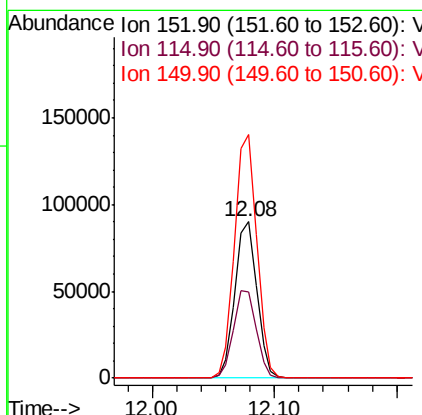
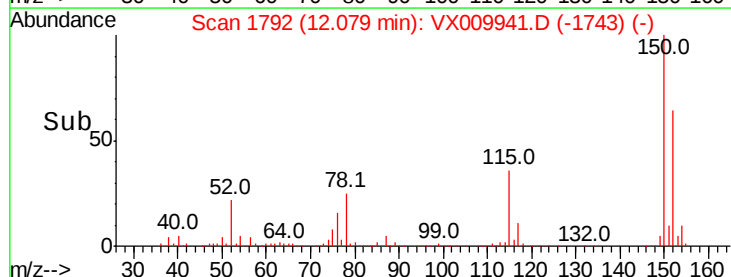
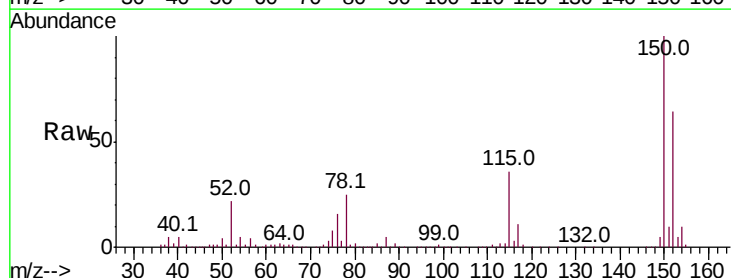
Instrument :
MSVOA_X
ClientSampled :
S32-0664

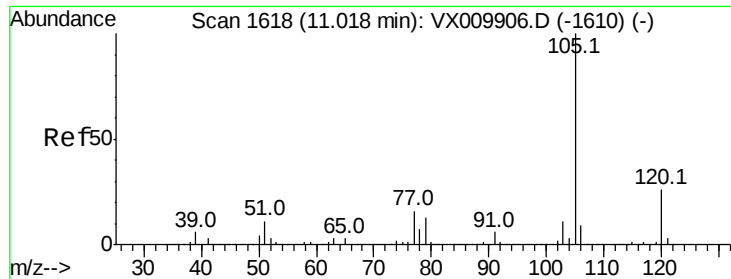
Tot Ion:106 Resp: 1430
Ion Ratio Lower Upper
106 100
91 229.9 110.4 331.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX009941.D
Acq: 29 May 2019 15:39

Tgt Ion:152 Resp: 111777
Ion Ratio Lower Upper
152 100
115 57.9 41.4 124.2
150 157.4 0.0 345.2





#73

Isopropylbenzene

Concen: 0.317 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009941.D

Acq: 29 May 2019 15:39

Instrument :

MSVOA_X

ClientSampleId :

S32-0664

Tot Ion:105 Resp: 2617

Ion Ratio Lower Upper

105 100

120 28.8 12.8 38.4

